

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061919\
 Data File : VN056372.D
 Acq On : 19 Jun 2019 8:53
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Quant Time: Jun 20 04:12:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 04:07:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	365342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	556981	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	470286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	136095	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	4647	1.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.26%	
35) Dibromofluoromethane	7.59	113	3257	0.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.84%	
50) Toluene-d8	10.09	98	13968	1.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.06%	
62) 4-Bromofluorobenzene	12.40	95	4825	1.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.14%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	2970	0.938	ug/l 96
3) Chloromethane	2.06	50	4453	1.045	ug/l 93
4) Vinyl Chloride	2.18	62	4086	0.977	ug/l 98
5) Bromomethane	2.51	94	2796	1.157	ug/l 90
6) Chloroethane	2.66	64	2178	0.911	ug/l 95
7) Trichlorofluoromethane	2.99	101	5541	1.033	ug/l 97
8) Diethyl Ether	3.41	74	2237	1.042	ug/l 84
9) 1,1,2-Trichlorotrifluoroet	3.75	101	3585	1.032	ug/l 92
10) Methyl Iodide	3.94	142	3340	0.745	ug/l # 82
11) Tert butyl alcohol	4.74	59	17139	26.435	ug/l # 74
12) 1,1-Dichloroethene	3.73	96	3210	0.955	ug/l 88
13) Acrolein	3.61	56	2638	10.518	ug/l 99
14) Allyl chloride	4.31	41	5196	0.924	ug/l 95
15) Acrylonitrile	4.99	53	4488	2.438	ug/l # 41
16) Acetone	3.82	43	10528	4.749	ug/l 96
17) Carbon Disulfide	4.03	76	7185	0.820	ug/l 97
18) Methyl Acetate	4.32	43	3867	0.797	ug/l # 49
19) Methyl tert-butyl Ether	5.05	73	10795	1.046	ug/l 98
20) Methylene Chloride	4.55	84	5443	1.365	ug/l 96
21) trans-1,2-Dichloroethene	5.03	96	1924	0.539	ug/l # 72
22) Diisopropyl ether	5.95	45	11527	1.035	ug/l # 86
23) Vinyl Acetate	5.90	43	37494	4.145	ug/l 96
24) 1,1-Dichloroethane	5.85	63	6537	1.004	ug/l # 84
25) 2-Butanone	6.85	43	12267	4.502	ug/l 92
26) 2,2-Dichloropropane	6.81	77	4617	0.983	ug/l # 70
27) cis-1,2-Dichloroethene	6.82	96	3970	0.957	ug/l 88
28) Bromochloromethane	7.19	49	2019	0.620	ug/l # 30
29) Tetrahydrofuran	7.21	42	3476	2.134	ug/l # 19
30) Chloroform	7.37	83	6565	1.014	ug/l 86
31) Cyclohexane	7.66	56	12302	1.961	ug/l # 43
32) 1,1,1-Trichloroethane	7.56	97	4869	0.911	ug/l # 48
36) 1,1-Dichloropropene	7.79	75	5723	1.152	ug/l # 87
37) Ethyl Acetate	6.94	43	4076	0.862	ug/l # 88
38) Carbon Tetrachloride	7.77	117	4272	0.908	ug/l 84

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	6270	1.037	ug/l	95
40) Benzene	8.04	78	15971	1.061	ug/l	91
41) Methacrylonitrile	7.18	41	1761	0.831	ug/l #	93
42) 1,2-Dichloroethane	8.12	62	5481	1.111	ug/l	79
43) Isopropyl Acetate	8.17	43	6613	0.876	ug/l #	66
44) Trichloroethene	8.83	130	4171	1.017	ug/l	90
45) 1,2-Dichloropropane	9.11	63	4169	1.046	ug/l	98
46) Dibromomethane	9.21	93	2453	0.930	ug/l	96
47) Bromodichloromethane	9.40	83	4056	0.812	ug/l	99
48) Methyl methacrylate	9.21	41	3469	0.917	ug/l	97
49) 1,4-Dioxane	9.20	88	832	10.931	ug/l #	59
51) 4-Methyl-2-Pentanone	9.98	43	21936	4.565	ug/l	99
52) Toluene	10.15	92	9512	1.037	ug/l	93
53) t-1,3-Dichloropropene	10.38	75	3285	0.659	ug/l #	81
54) cis-1,3-Dichloropropene	9.84	75	4381	0.759	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	3625	0.958	ug/l	92
56) Ethyl methacrylate	10.43	69	4262	0.785	ug/l #	82
57) 1,3-Dichloropropane	10.71	76	5870	0.922	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	7871	4.384	ug/l	98
59) 2-Hexanone	10.75	43	16306	4.583	ug/l	88
60) Dibromochloromethane	10.90	129	2594	0.665	ug/l	97
61) 1,2-Dibromoethane	11.00	107	3493	0.900	ug/l	98
64) Tetrachloroethene	10.63	164	4067	1.066	ug/l	93
65) Chlorobenzene	11.43	112	9862	1.038	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	2794	0.793	ug/l #	66
67) Ethyl Benzene	11.51	91	17495	1.071	ug/l	95
68) m/p-Xylenes	11.62	106	11503	1.895	ug/l	93
69) o-Xylene	11.95	106	5877	0.982	ug/l	94
70) Styrene	11.96	104	8111	0.840	ug/l	97
71) Bromoform	12.13	173	1633	0.609	ug/l #	100
73) Isopropylbenzene	12.25	105	14868	1.280	ug/l	98
74) N-amyl acetate	12.07	43	4897	1.147	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.50	83	4782	1.260	ug/l #	94
76) 1,2,3-Trichloropropane	12.55	75	5183	1.797	ug/l #	100
77) Bromobenzene	12.53	156	3597	1.176	ug/l	86
78) n-propylbenzene	12.59	91	14130	1.163	ug/l	99
79) 2-Chlorotoluene	12.67	91	9674	1.250	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	11709	1.239	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.30	75	657	0.726	ug/l #	61
82) 4-Chlorotoluene	12.77	91	8521	1.193	ug/l	99
83) tert-Butylbenzene	12.99	119	12192	1.437	ug/l	90
84) 1,2,4-Trimethylbenzene	13.04	105	10266	1.165	ug/l	92
85) sec-Butylbenzene	13.17	105	12805	1.200	ug/l	96
86) p-Isopropyltoluene	13.29	119	9961	1.091	ug/l	96
87) 1,3-Dichlorobenzene	13.28	146	4740	1.028	ug/l	95
88) 1,4-Dichlorobenzene	13.28	146	4740	1.071	ug/l	95
89) n-Butylbenzene	13.61	91	7371	1.078	ug/l	95
90) Hexachloroethane	13.87	117	1655	0.947	ug/l	83
91) 1,2-Dichlorobenzene	13.65	146	4725	1.044	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	14.27	75	435	0.751	ug/l	84

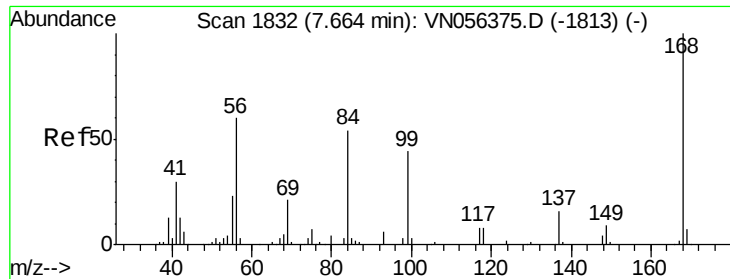
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QLast Update : Thu Jun 20 04:07:05 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	1504	0.789	ug/l	81
94) Hexachlorobutadiene	15.01	225	2147	1.187	ug/l	95
95) Naphthalene	15.13	128	3647	0.710	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.31	180	1637	0.797	ug/l	92

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampleId :

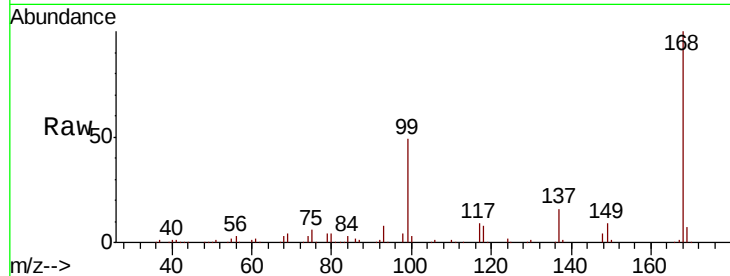
VSTDIC001

Tot Ion:168 Resp: 365342

Ion Ratio Lower Upper

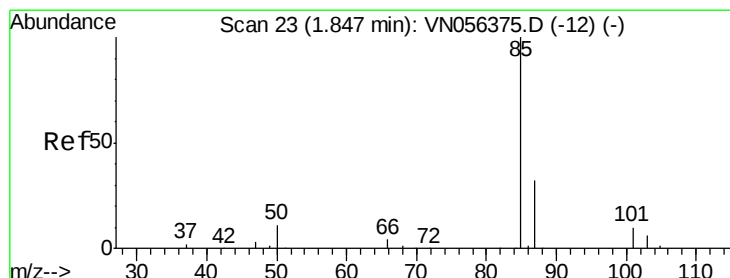
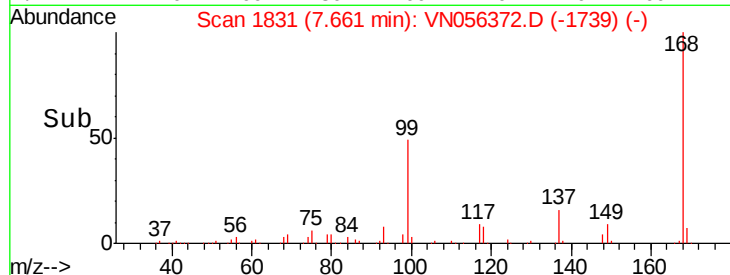
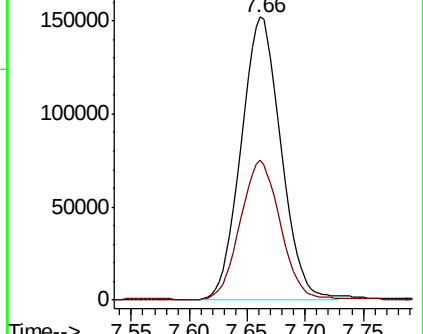
168 100

99 49.2 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 0.938 ug/l

RT: 1.84 min Scan# 22

Delta R.T. -0.00 min

Lab File: VN056372.D

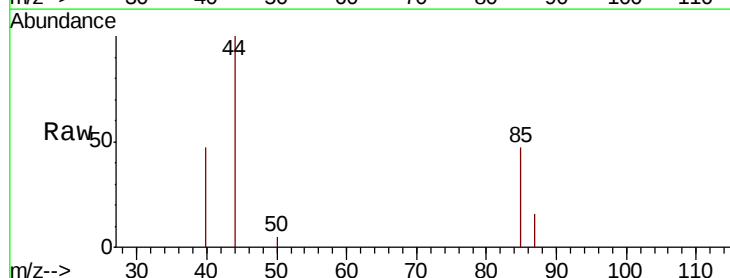
Acq: 19 Jun 2019 8:53

Tgt Ion: 85 Resp: 2970

Ion Ratio Lower Upper

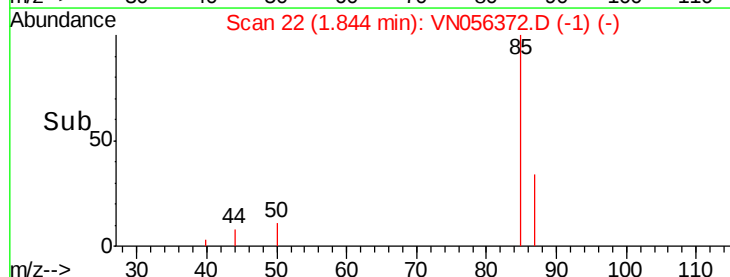
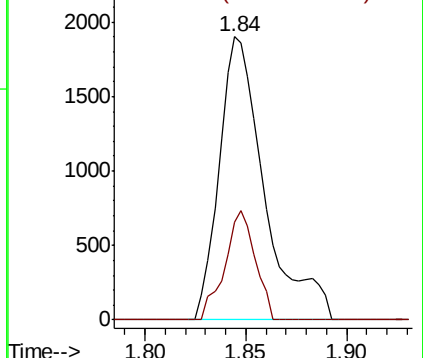
85 100

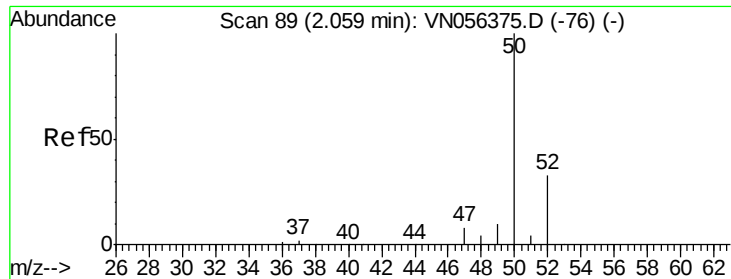
87 34.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

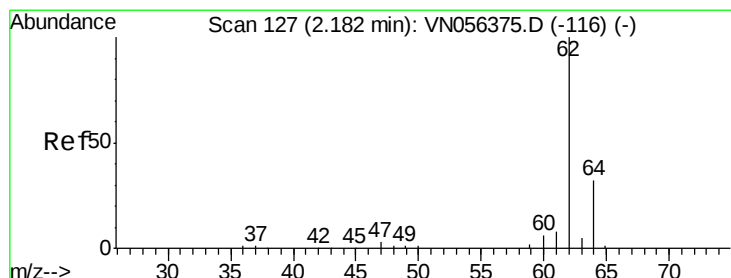
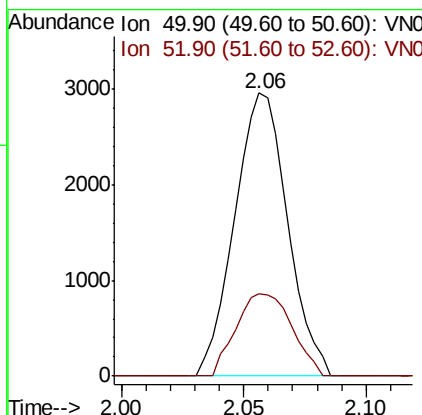
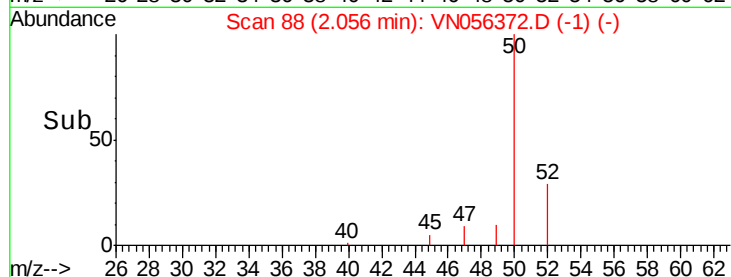
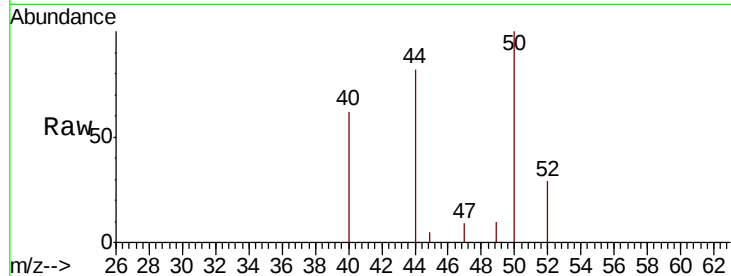




#3
 Chloromethane
 Concen: 1.045 ug/l
 RT: 2.06 min Scan# 88
 Delta R.T. -0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

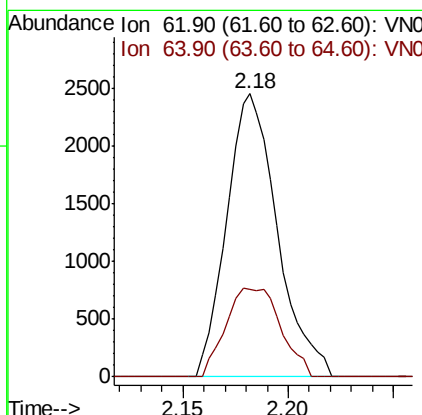
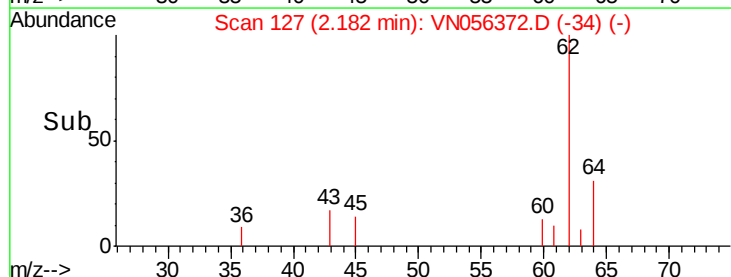
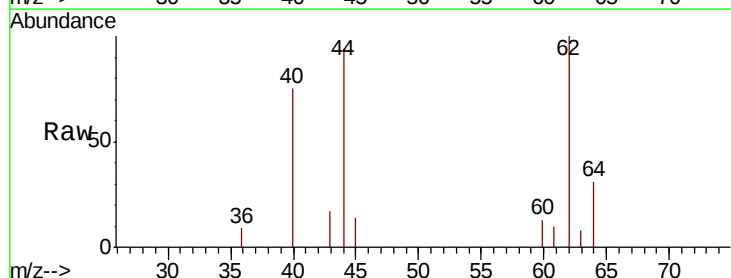
Instrument :
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 VSTDIC001

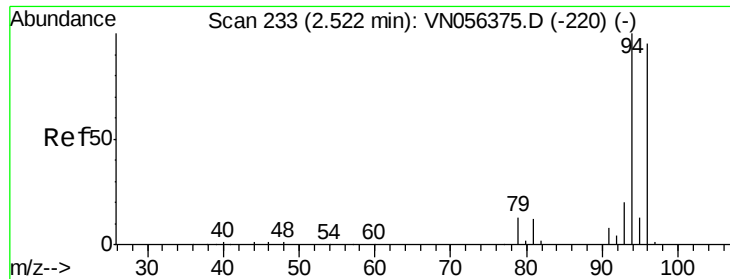
Tot Ion: 50 Resp: 4453
 Ion Ratio Lower Upper
 50 100
 52 29.2 26.5 39.7



#4
 Vinyl Chloride
 Concen: 0.977 ug/l
 RT: 2.18 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Tgt Ion: 62 Resp: 4086
 Ion Ratio Lower Upper
 62 100
 64 31.1 25.7 38.5

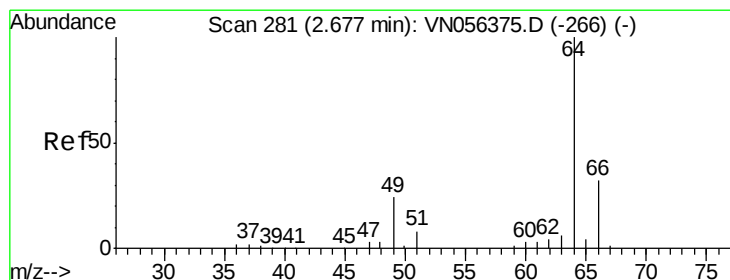
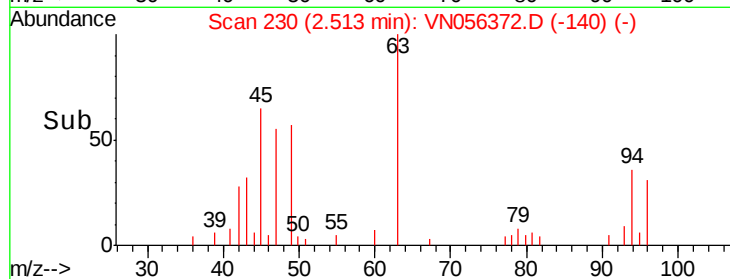
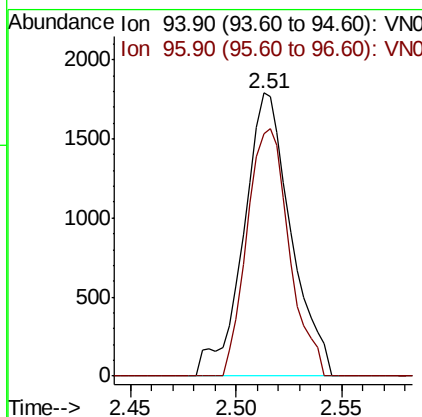
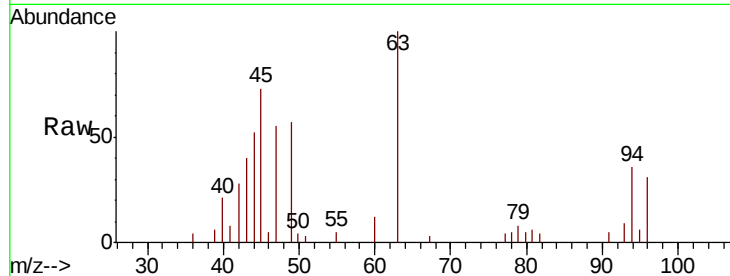




#5
Bromomethane
Concen: 1.157 ug/l
RT: 2.51 min Scan# 230
Delta R.T. -0.01 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

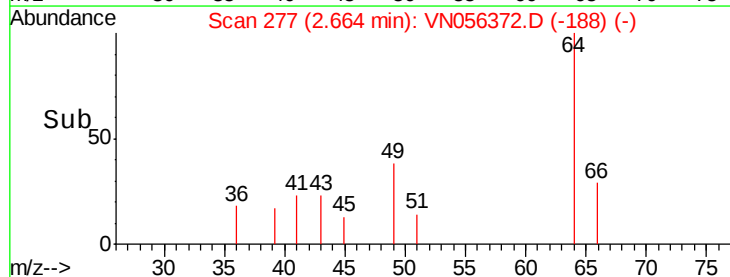
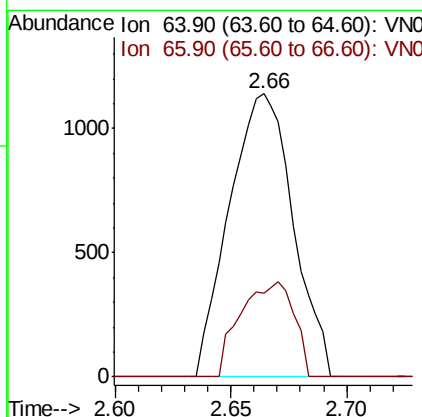
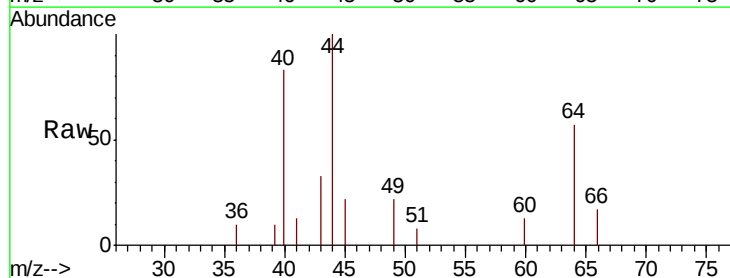
Instrument :
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VSTDIC001

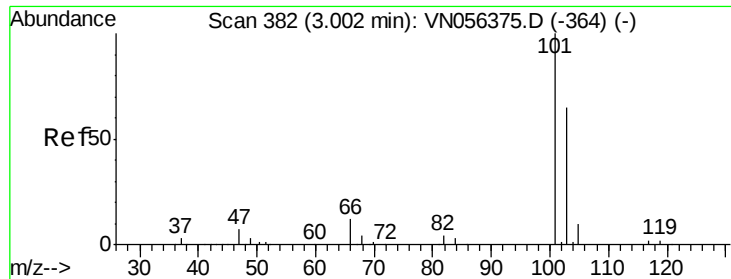
Tot Ion: 94 Resp: 2796
Ion Ratio Lower Upper
94 100
96 85.5 76.0 114.0



#6
Chloroethane
Concen: 0.911 ug/l
RT: 2.66 min Scan# 277
Delta R.T. -0.01 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Tgt Ion: 64 Resp: 2178
Ion Ratio Lower Upper
64 100
66 29.5 25.8 38.8



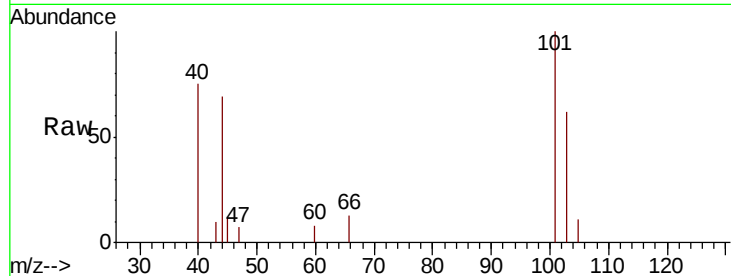


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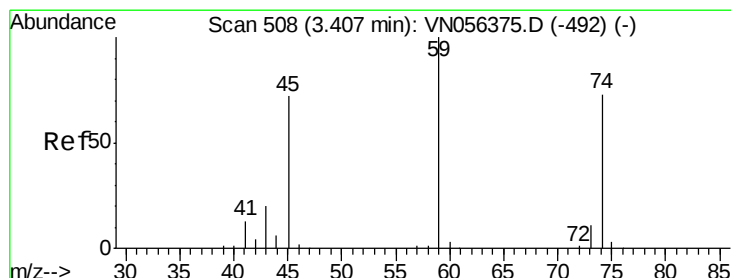
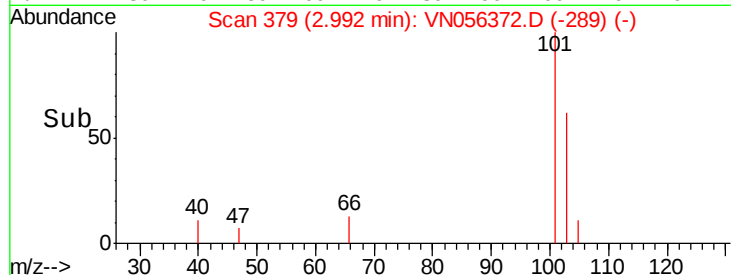
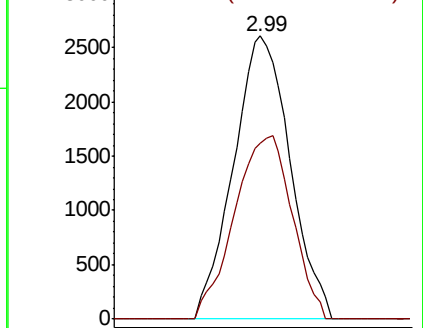
Trichlorofluoromethane
 Concen: 1.033 ug/l
 RT: 2.99 min Scan# 379
 Delta R.T. -0.01 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:101 Resp: 5541
 Ion Ratio Lower Upper
 101 100
 103 62.1 51.7 77.5



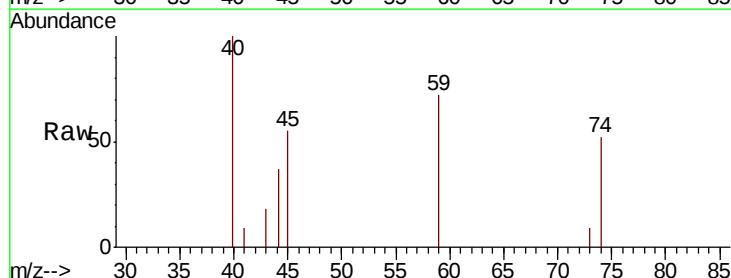
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



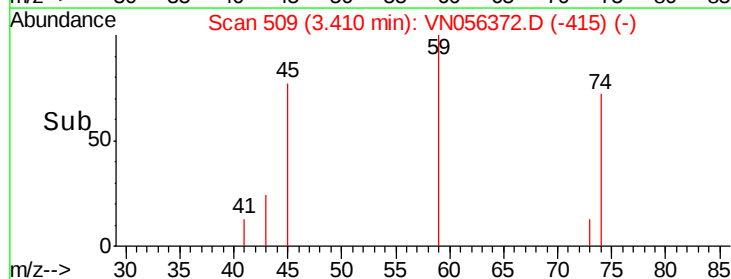
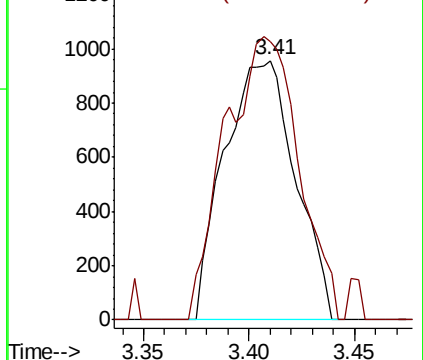
#8

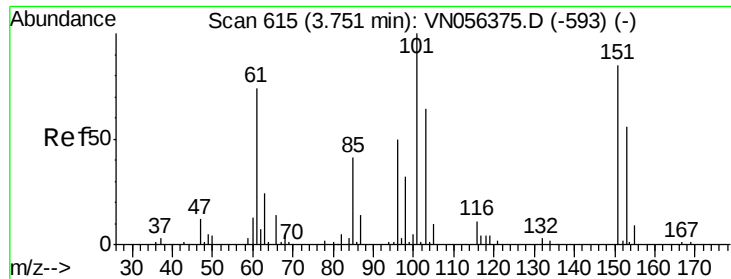
Diethyl Ether
 Concen: 1.042 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Tgt Ion: 74 Resp: 2237
 Ion Ratio Lower Upper
 74 100
 45 113.4 48.9 146.6



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO

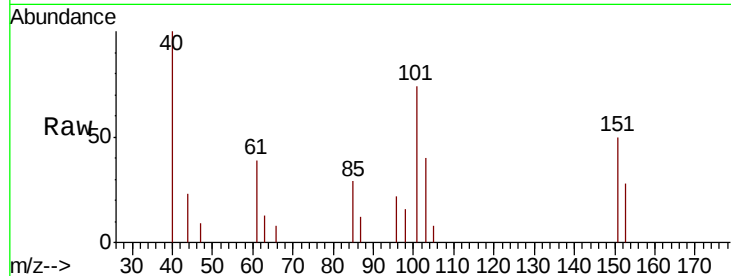




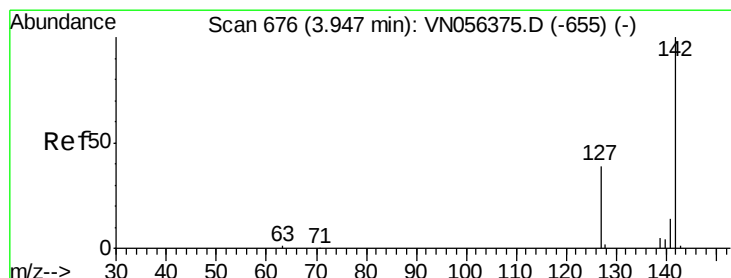
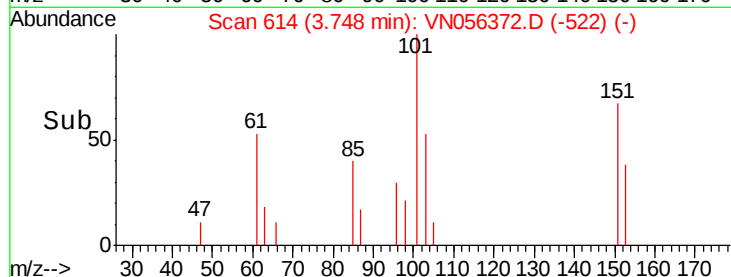
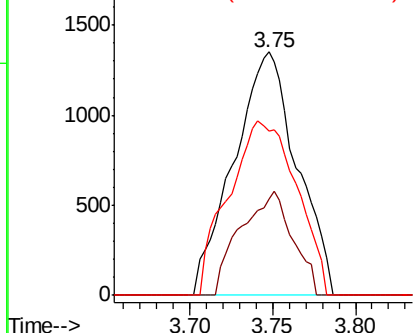
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.032 ug/l
 RT: 3.75 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Instrument :
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 ClientSampleId :
 VSTDIC001

Tot Ion:101 Resp: 3585
 Ion Ratio Lower Upper
 101 100
 85 35.0 32.7 49.1
 151 77.3 66.8 100.2

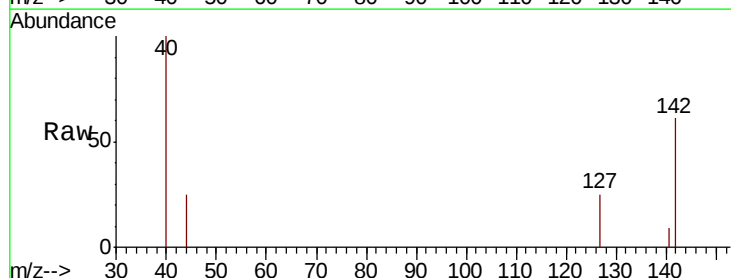


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

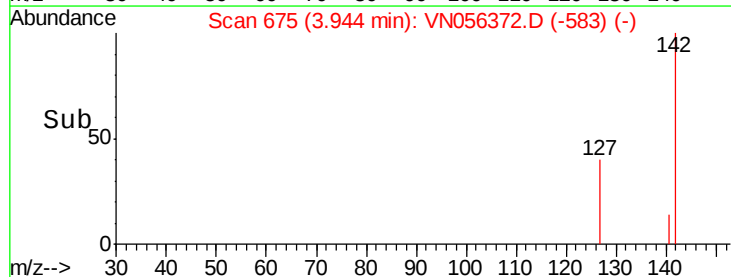
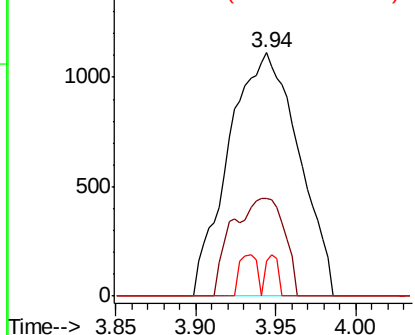


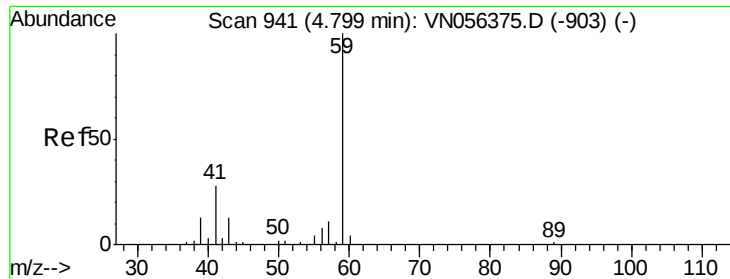
#10
 Methyl Iodide
 Concen: 0.745 ug/l
 RT: 3.94 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Tgt Ion:142 Resp: 3340
 Ion Ratio Lower Upper
 142 100
 127 29.7 30.6 46.0#
 141 3.0 11.4 17.2#



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V

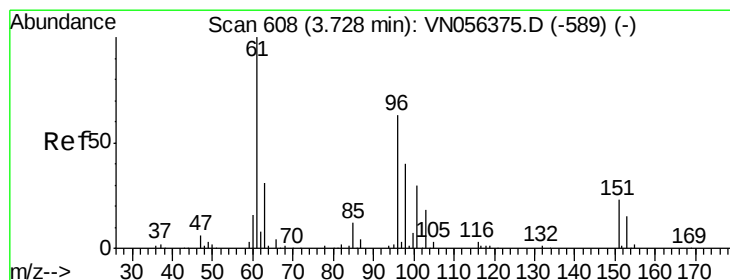
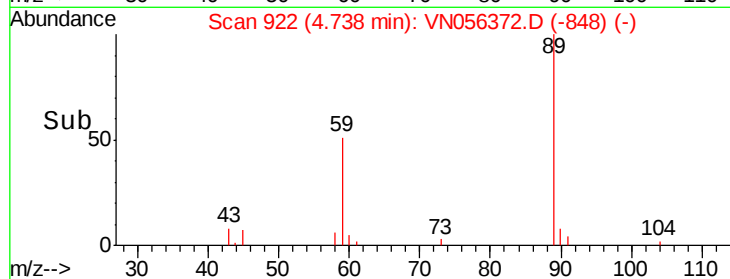
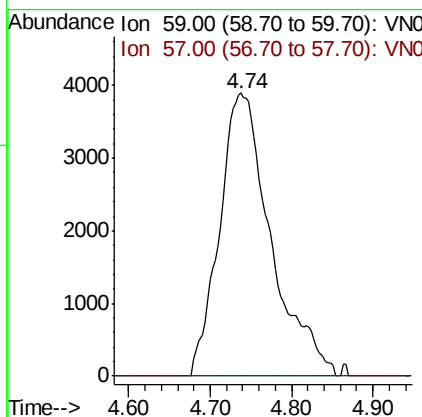
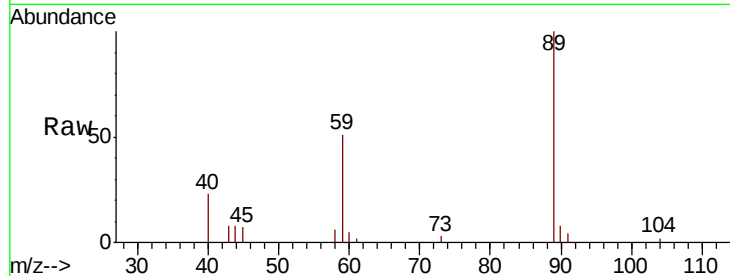




#11
Tert butyl alcohol
Concen: 26.435 ug/l
RT: 4.74 min Scan# 922
Delta R.T. -0.06 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

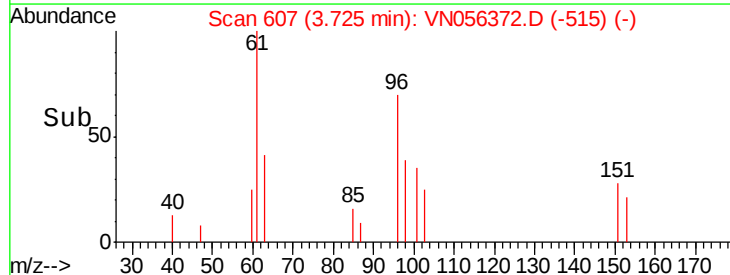
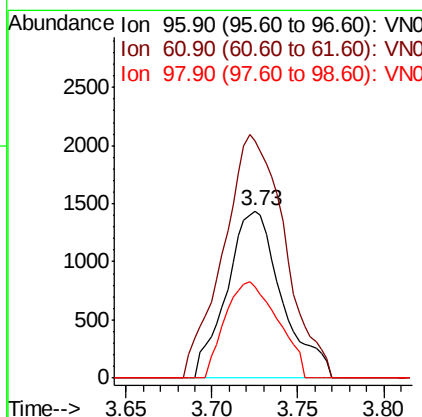
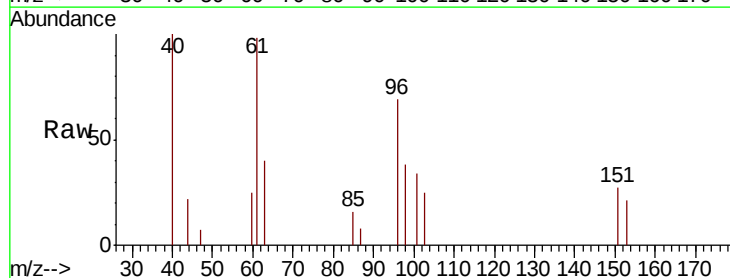
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

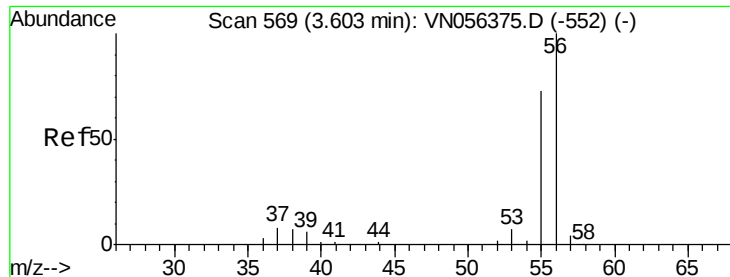
Tot Ion: 59 Resp: 17139
Ion Ratio Lower Upper
59 100
57 0.0 7.6 11.4#



#12
1,1-Dichloroethene
Concen: 0.955 ug/l
RT: 3.73 min Scan# 607
Delta R.T. -0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Tgt Ion: 96 Resp: 3210
Ion Ratio Lower Upper
96 100
61 142.3 126.6 190.0
98 54.9 51.1 76.7





#13

Acrolein

Concen: 10.518 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampled :

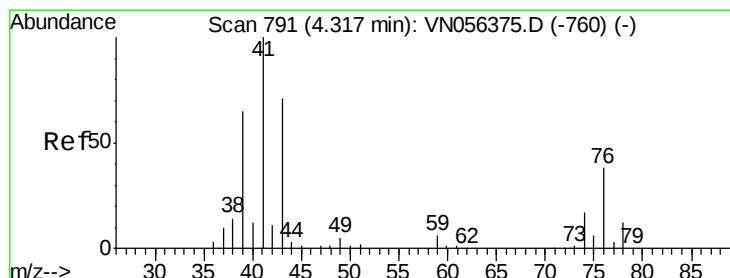
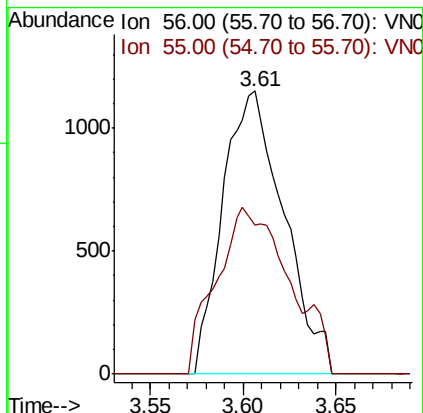
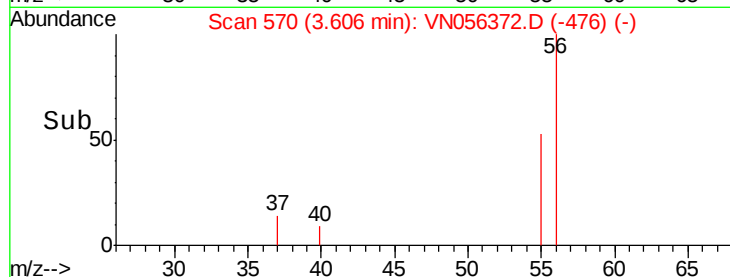
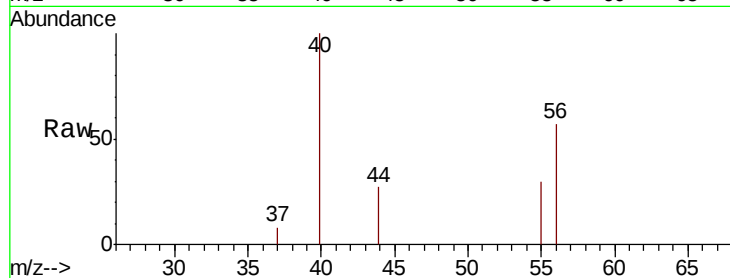
VSTDIC001

Tot Ion: 56 Resp: 2638

Ion Ratio Lower Upper

56 100

55 70.2 57.1 85.7



#14

Allyl chloride

Concen: 0.924 ug/l

RT: 4.31 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

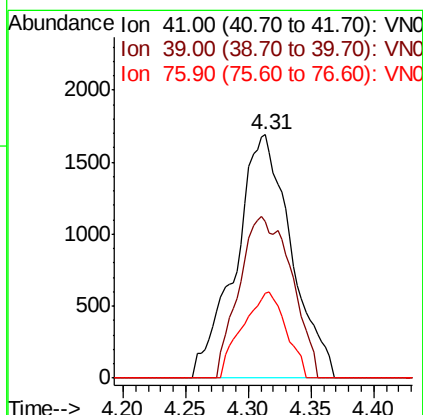
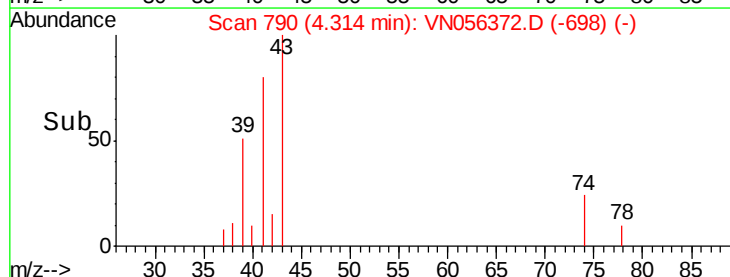
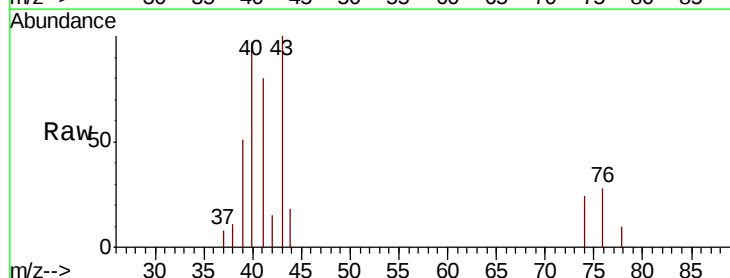
Tgt Ion: 41 Resp: 5196

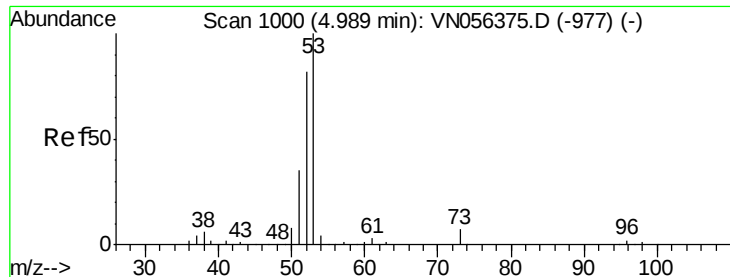
Ion Ratio Lower Upper

41 100

39 62.6 48.6 73.0

76 27.7 26.6 40.0





#15

Acrylonitrile

Concen: 2.438 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

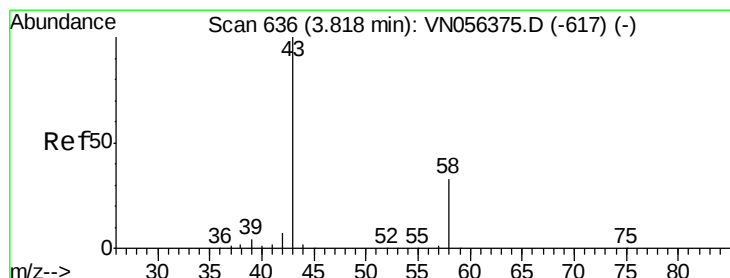
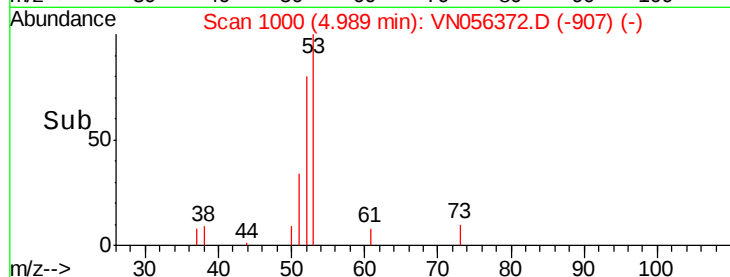
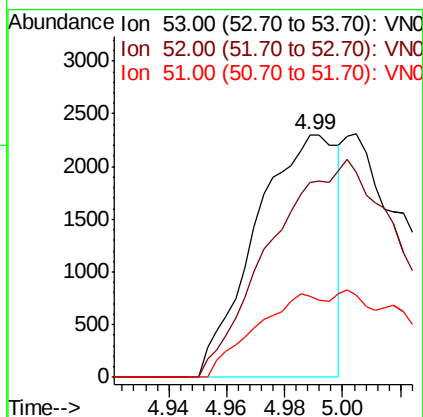
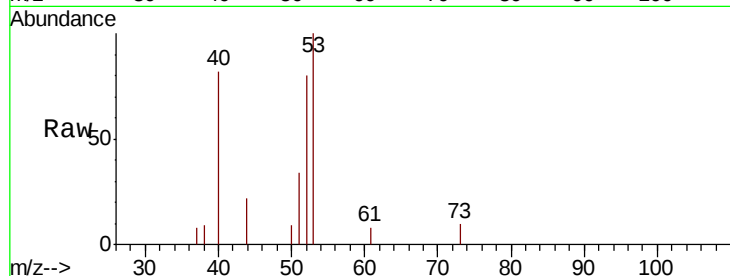
Tot Ion: 53 Resp: 4488

Ion Ratio Lower Upper

53 100

52 154.4 65.9 98.9#

51 30.4 28.3 42.5



#16

Acetone

Concen: 4.749 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056372.D

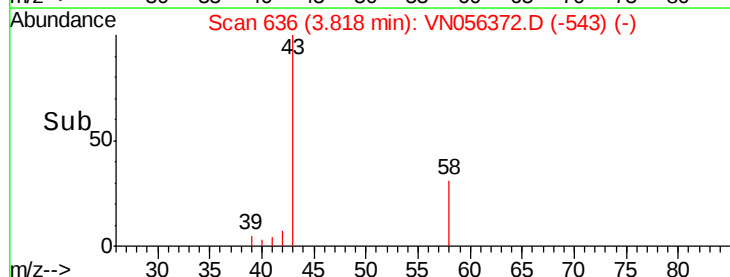
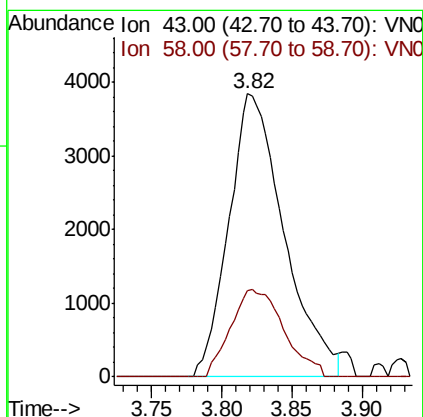
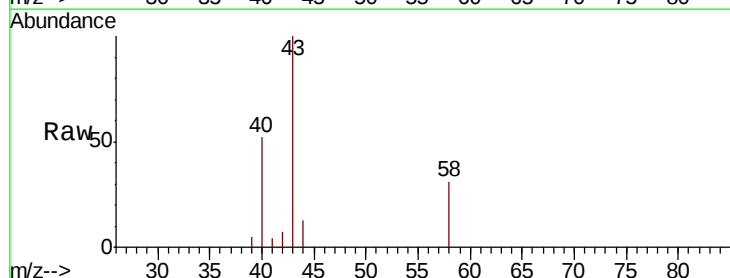
Acq: 19 Jun 2019 8:53

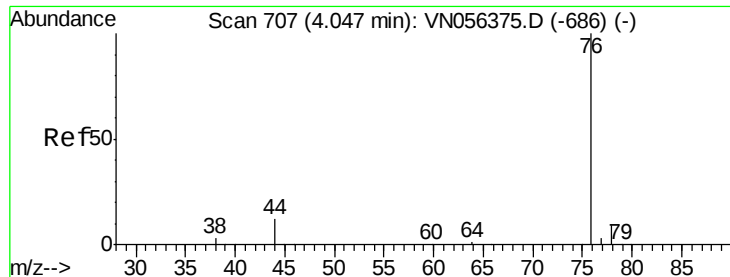
Tgt Ion: 43 Resp: 10528

Ion Ratio Lower Upper

43 100

58 30.6 26.4 39.6

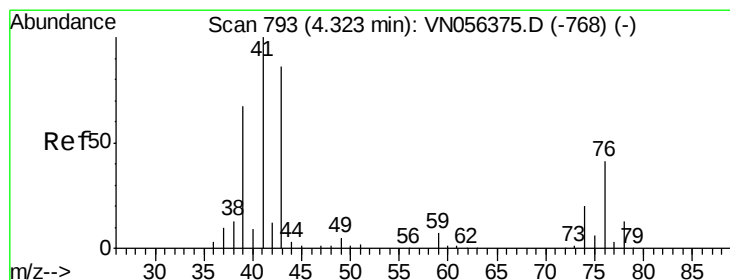
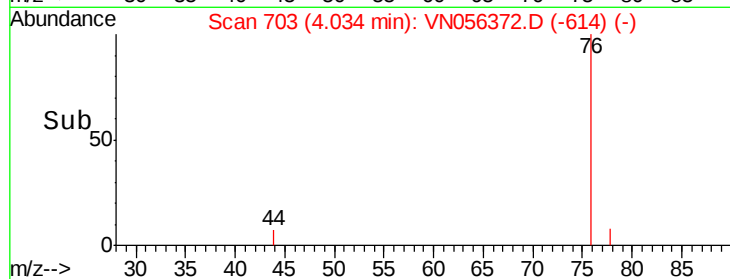
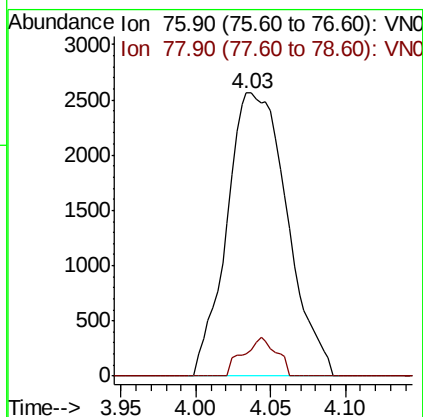
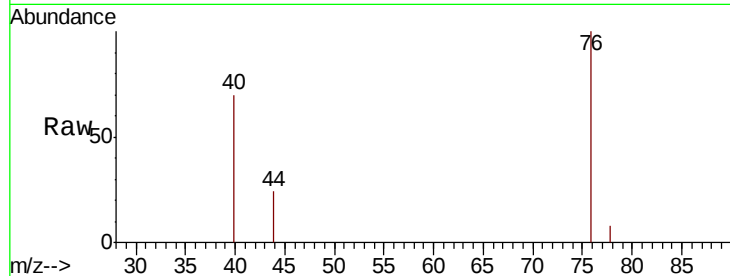




#17
Carbon Disulfide
Concen: 0.820 ug/l
RT: 4.03 min Scan# 703
Delta R.T. -0.01 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

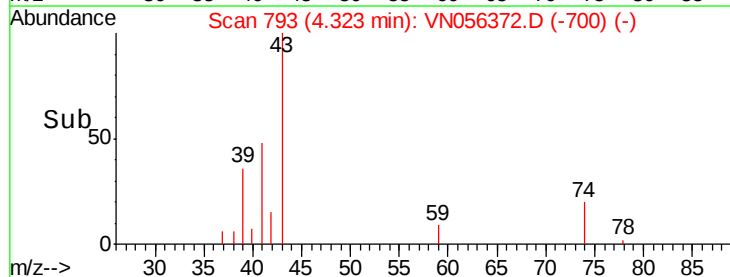
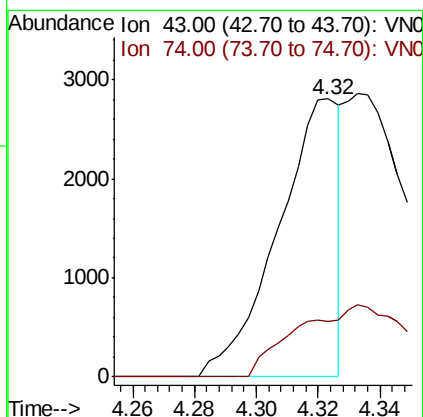
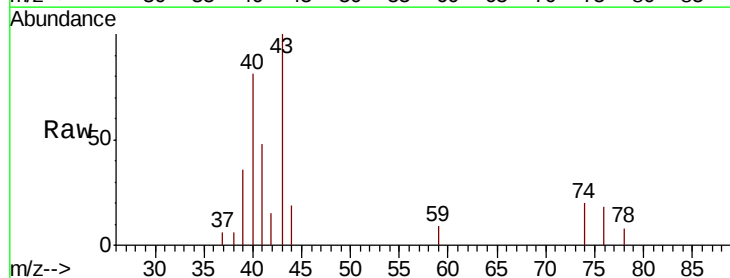
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

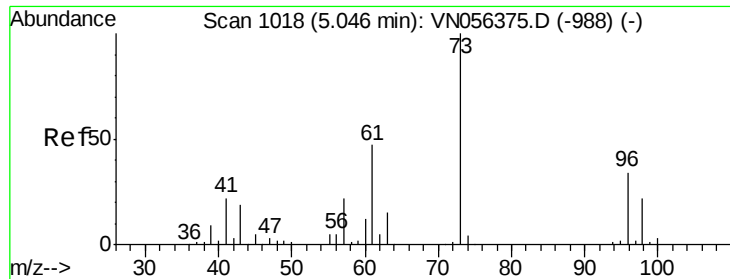
Tot Ion: 76 Resp: 7185
Ion Ratio Lower Upper
76 100
78 7.9 7.1 10.7



#18
Methyl Acetate
Concen: 0.797 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Tgt Ion: 43 Resp: 3867
Ion Ratio Lower Upper
43 100
74 49.1 19.2 28.8#



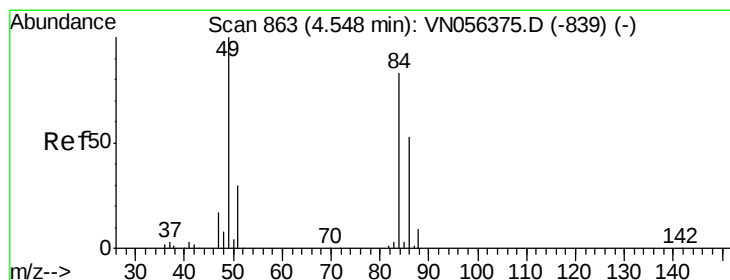
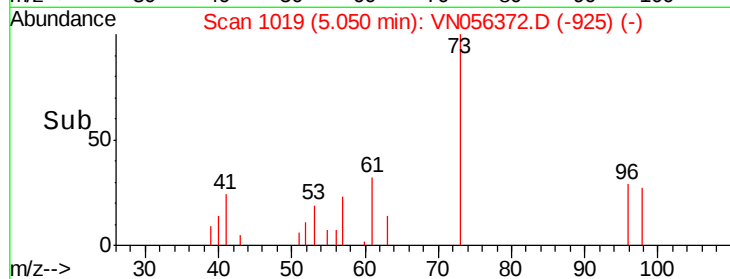
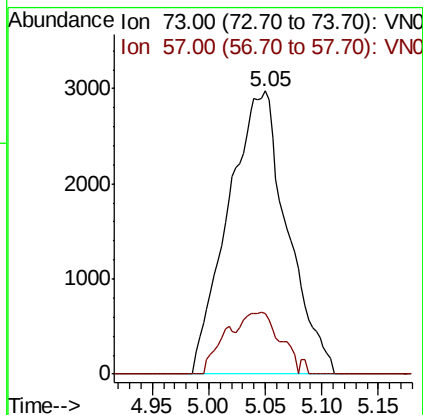
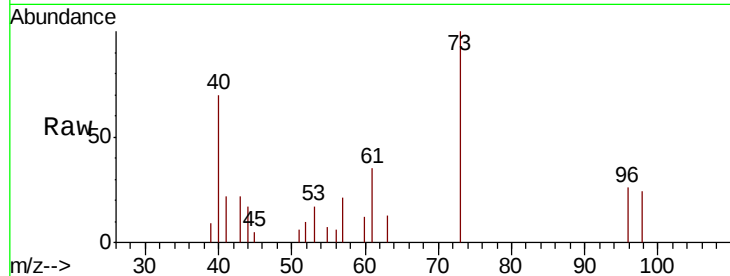


#19

Methyl tert-butyl Ether
 Concen: 1.046 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

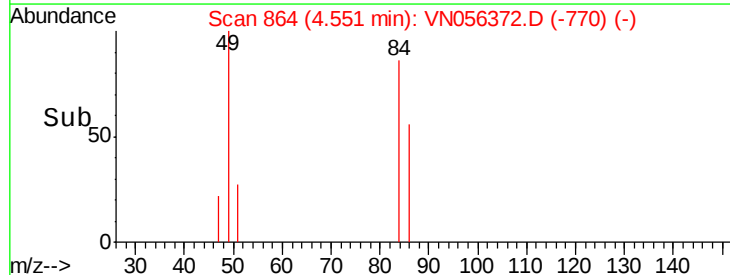
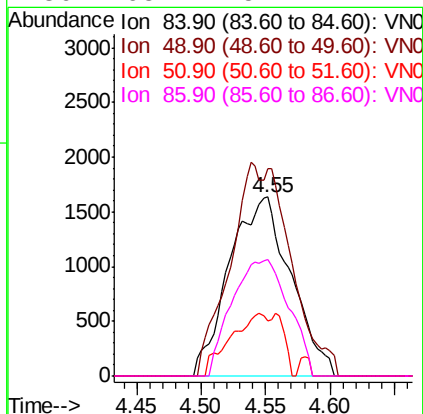
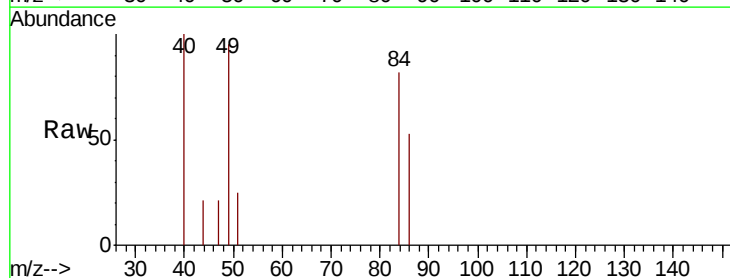
Tot Ion: 73 Resp: 10795
 Ion Ratio Lower Upper
 73 100
 57 21.3 17.9 26.9

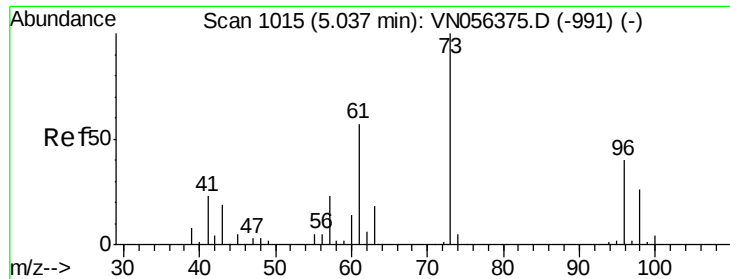


#20

Methylene Chloride
 Concen: 1.365 ug/l
 RT: 4.55 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Tgt Ion: 84 Resp: 5443
 Ion Ratio Lower Upper
 84 100
 49 116.0 96.4 144.6
 51 30.8 28.6 43.0
 86 65.1 51.4 77.2

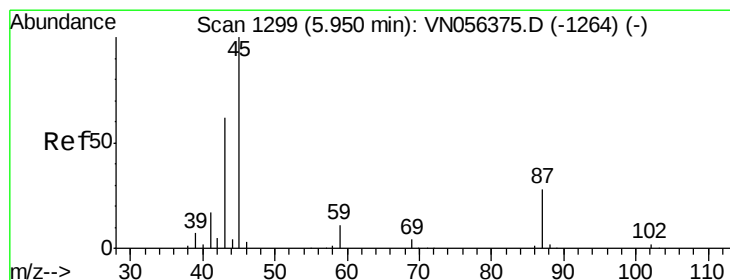
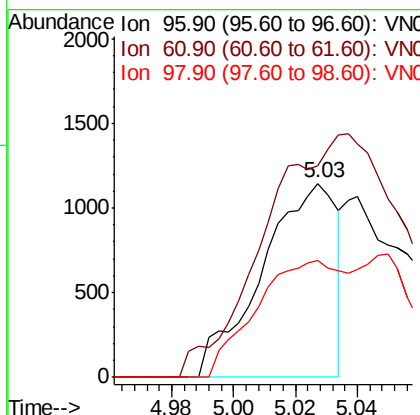
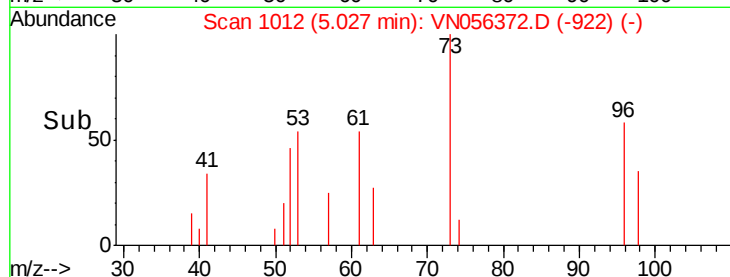
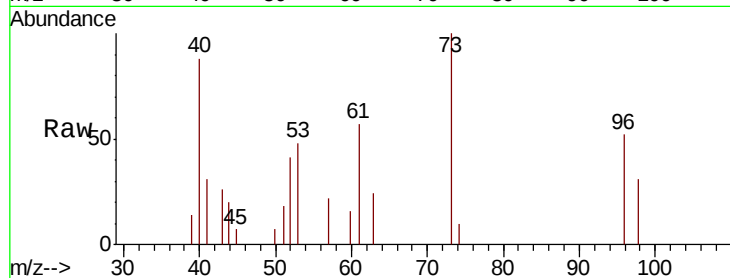




#21
trans-1,2-Dichloroethene
Concen: 0.539 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

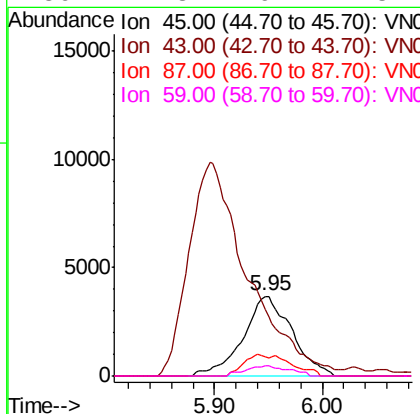
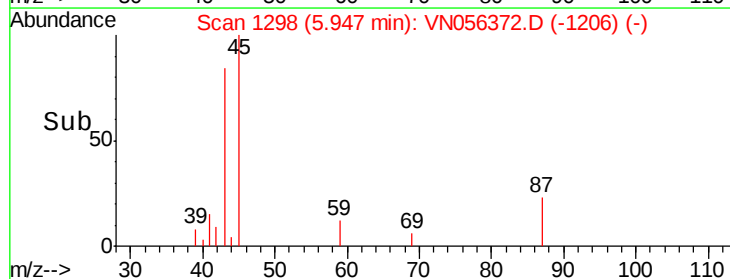
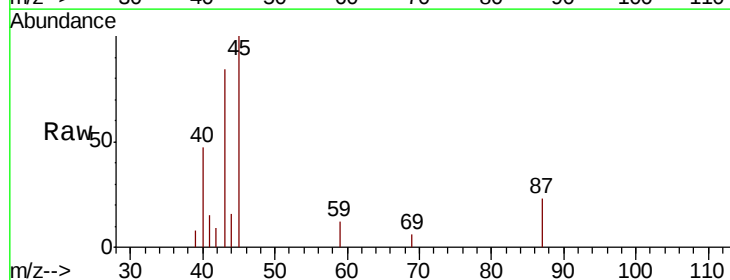
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

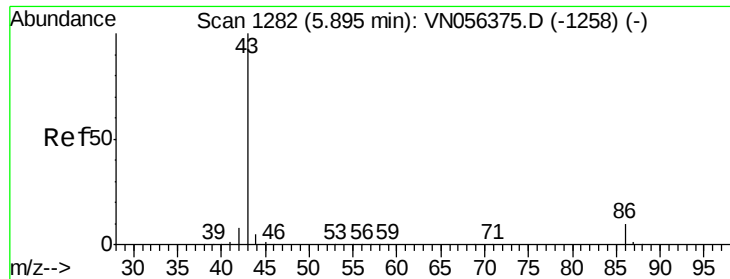
Tot Ion: 96 Resp: 1924
Ion Ratio Lower Upper
96 100
61 95.6 113.0 169.6#
98 60.1 52.2 78.2



#22
Diisopropyl ether
Concen: 1.035 ug/l
RT: 5.95 min Scan# 1298
Delta R.T. -0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Tgt Ion: 45 Resp: 11527
Ion Ratio Lower Upper
45 100
43 76.5 50.4 75.6#
87 23.4 23.0 34.4
59 12.3 9.1 13.7





#23

Vinyl Acetate

Concen: 4.145 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampleId :

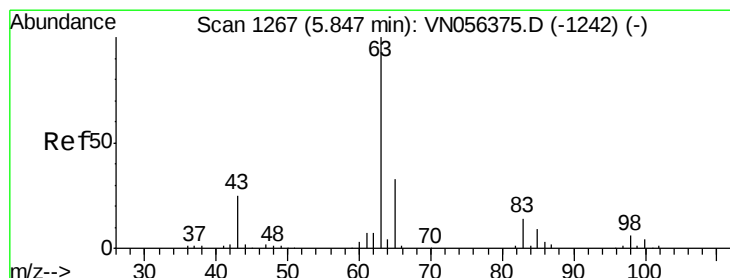
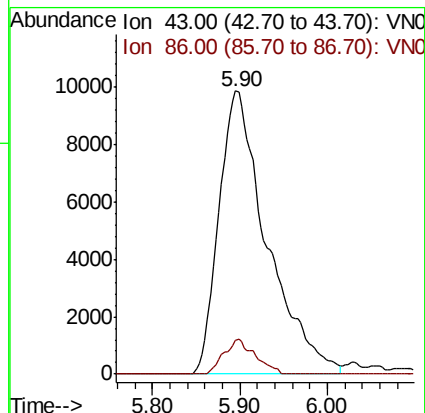
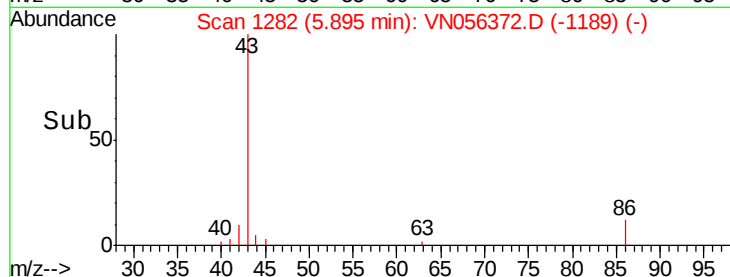
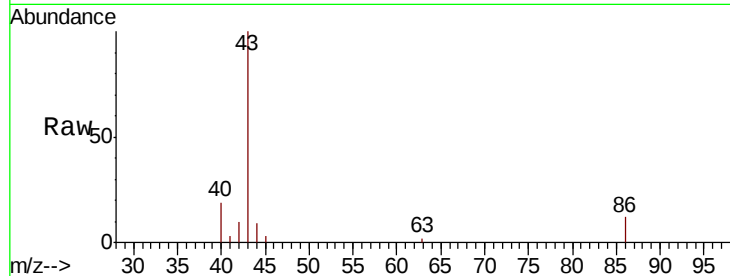
VSTDIC001

Tot Ion: 43 Resp: 37494

Ion Ratio Lower Upper

43 100

86 11.9 8.3 12.5



#24

1,1-Dichloroethane

Concen: 1.004 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

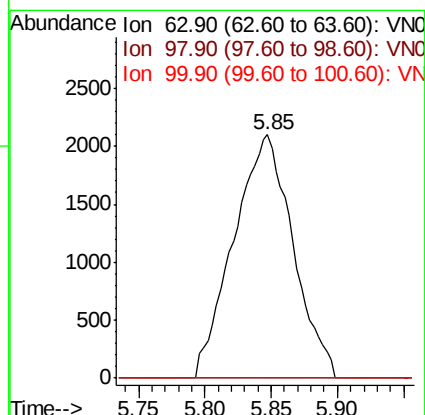
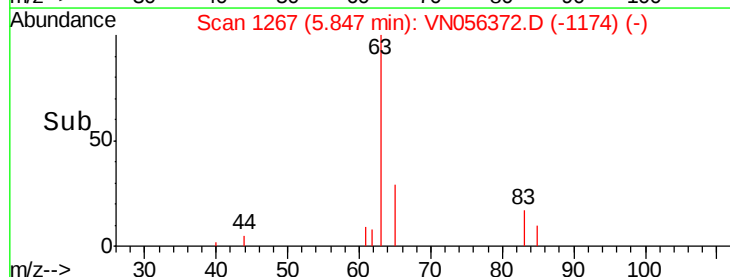
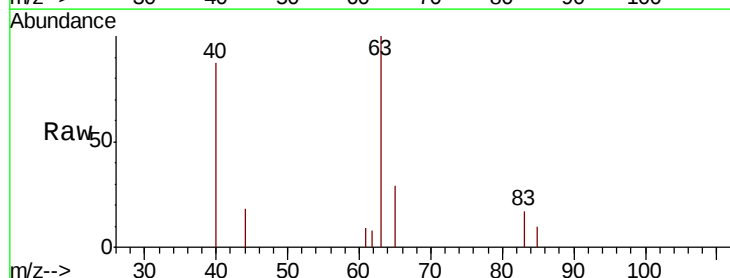
Tgt Ion: 63 Resp: 6537

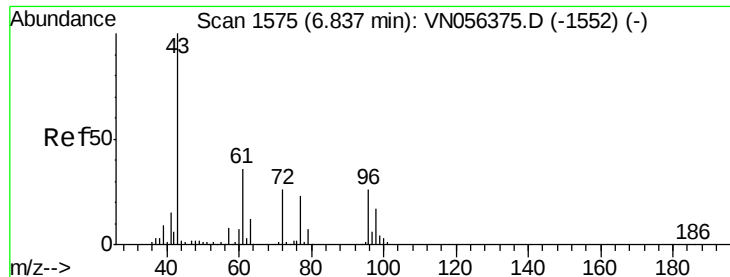
Ion Ratio Lower Upper

63 100

98 0.0 3.2 9.6#

100 0.0 2.1 6.5#





#25

2-Butanone

Concen: 4.502 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. 0.01 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampleId :

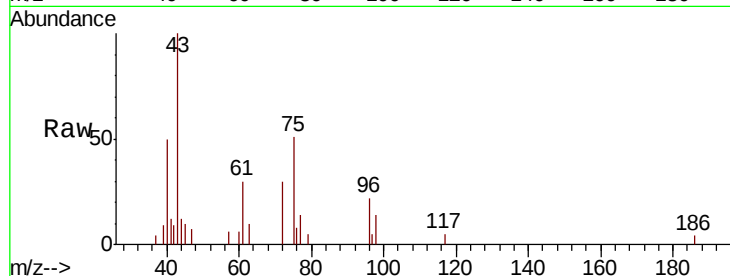
VSTDIC001

Tot Ion: 43 Resp: 12267

Ion Ratio Lower Upper

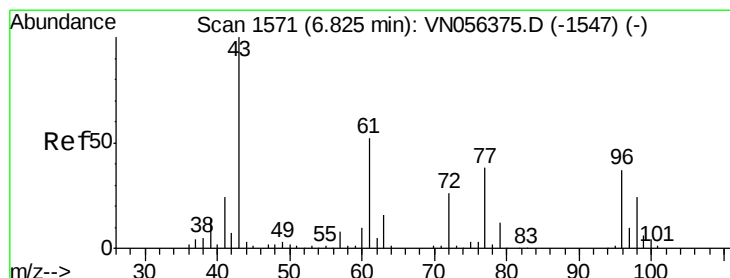
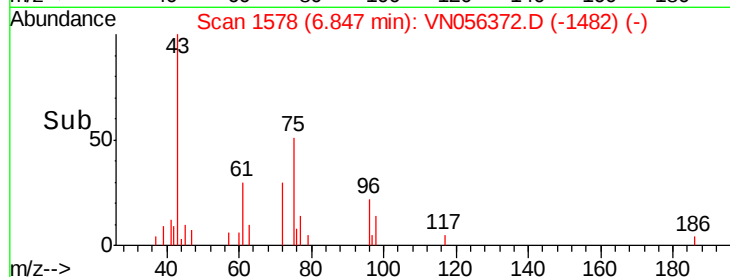
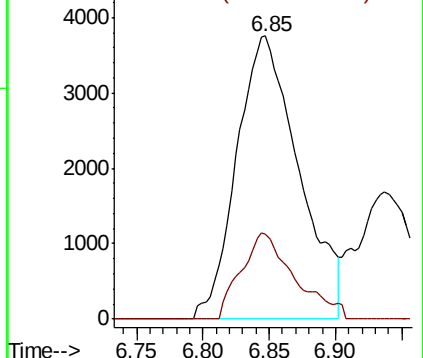
43 100

72 30.1 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D

Ion 72.00 (71.70 to 72.70): VN056375.D



#26

2,2-Dichloropropane

Concen: 0.983 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VN056372.D

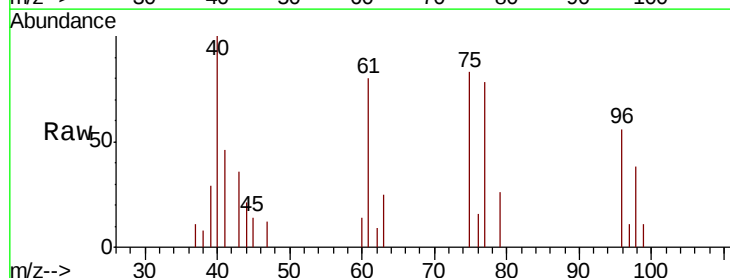
Acq: 19 Jun 2019 8:53

Tgt Ion: 77 Resp: 4617

Ion Ratio Lower Upper

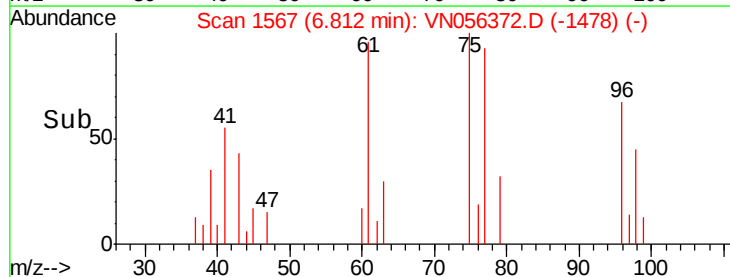
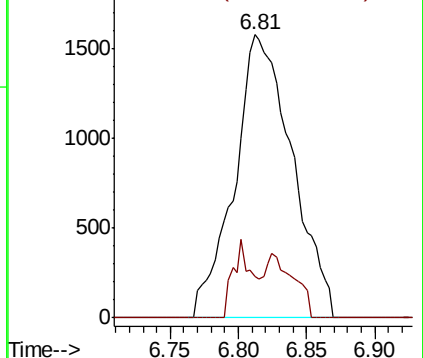
77 100

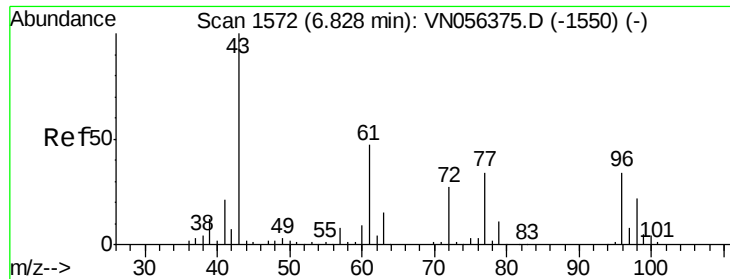
97 9.0 11.9 35.5#



Abundance Ion 76.90 (76.60 to 77.60): VN056375.D

Ion 96.90 (96.60 to 97.60): VN056375.D





#27

cis-1,2-Dichloroethene

Concen: 0.957 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

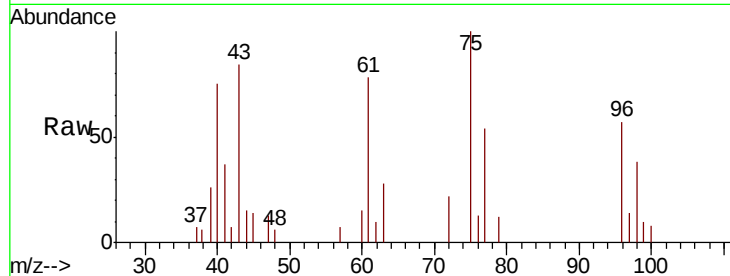
Tot Ion: 96 Resp: 3970

Ion Ratio Lower Upper

96 100

61 154.6 0.0 279.8

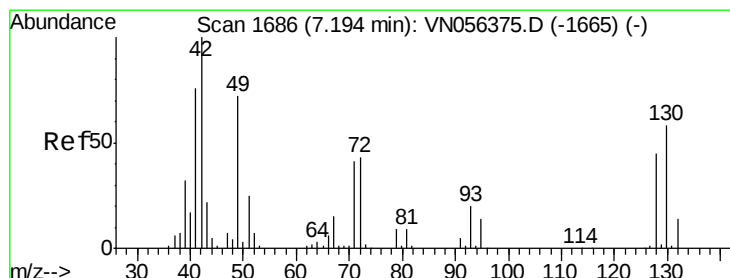
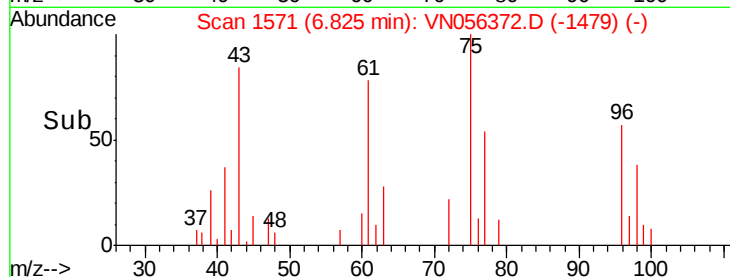
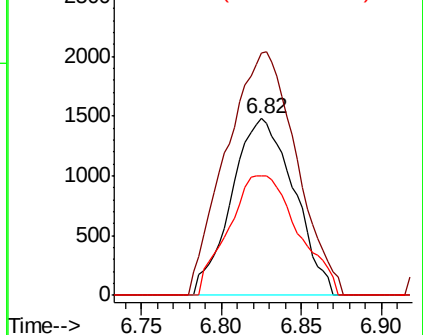
98 75.0 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 0.620 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

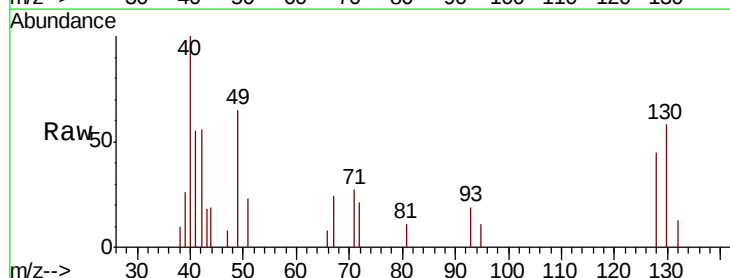
Tgt Ion: 49 Resp: 2019

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

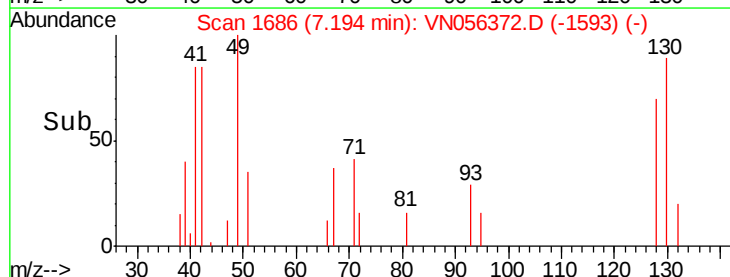
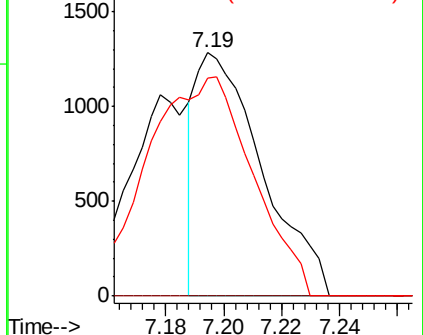
130 144.7 64.9 97.3#

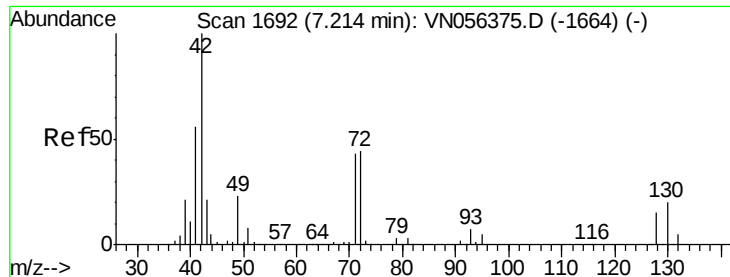


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 2.134 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

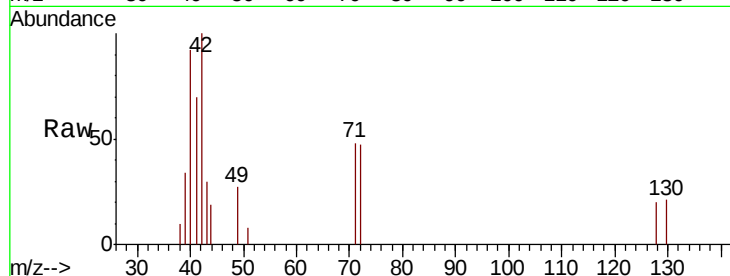
Tot Ion: 42 Resp: 3476

Ion Ratio Lower Upper

42 100

72 92.8 34.7 52.1#

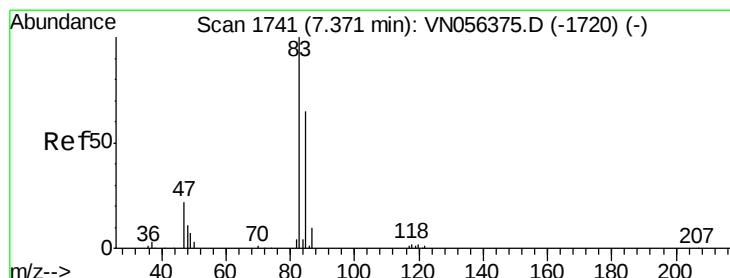
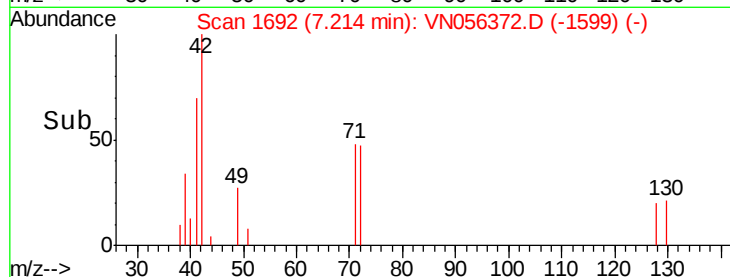
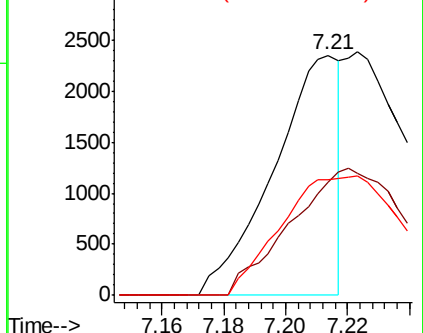
71 94.9 33.0 49.6#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 1.014 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN056372.D

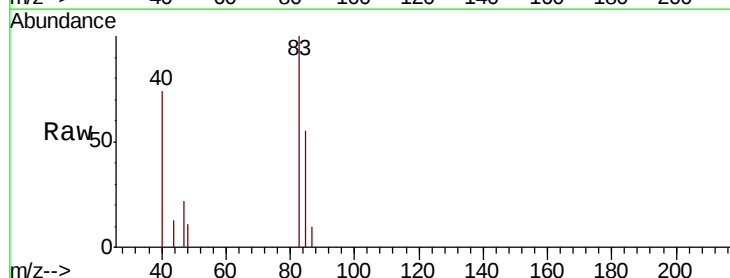
Acq: 19 Jun 2019 8:53

Tgt Ion: 83 Resp: 6565

Ion Ratio Lower Upper

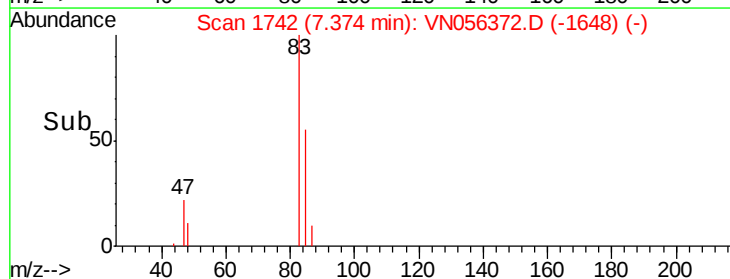
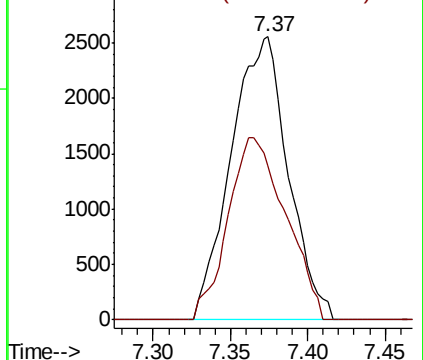
83 100

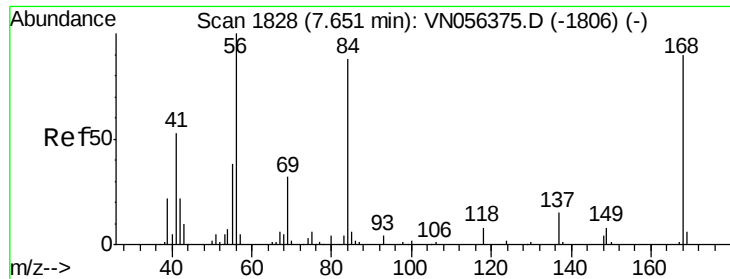
85 54.6 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

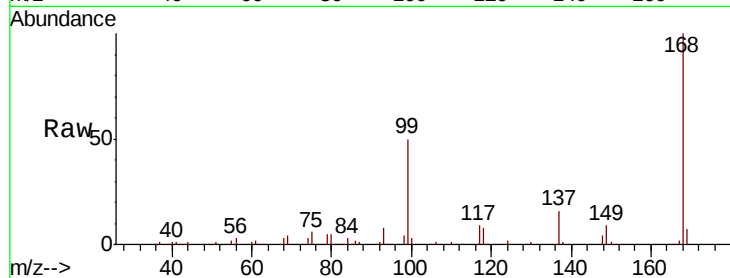




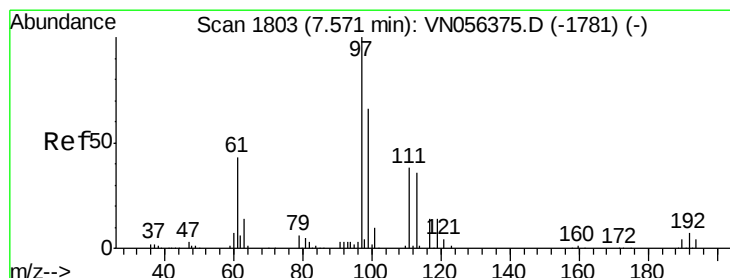
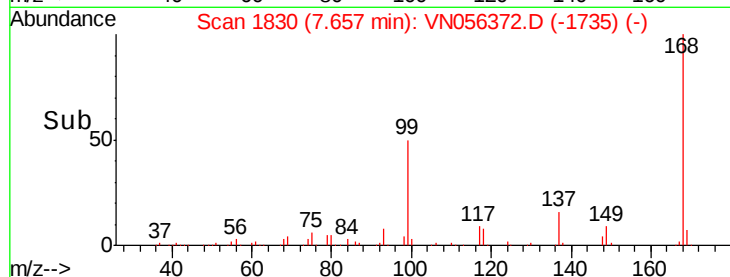
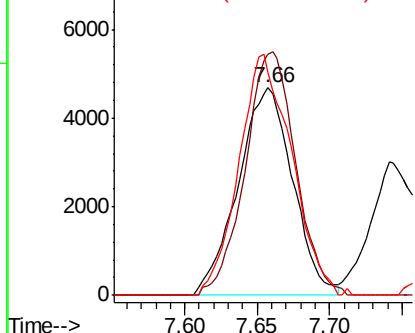
#31
Cyclohexane
Concen: 1.961 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.01 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 56 Resp: 12302
Ion Ratio Lower Upper
56 100
69 115.9 25.8 38.6#
84 107.6 69.4 104.0#

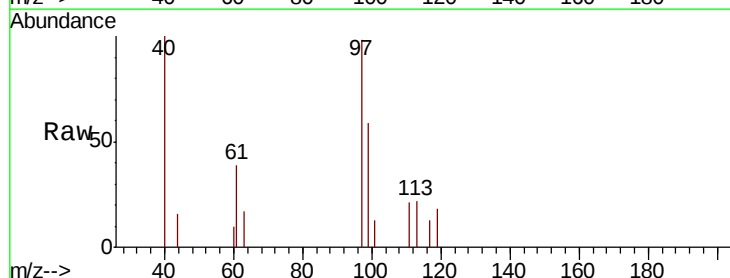


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

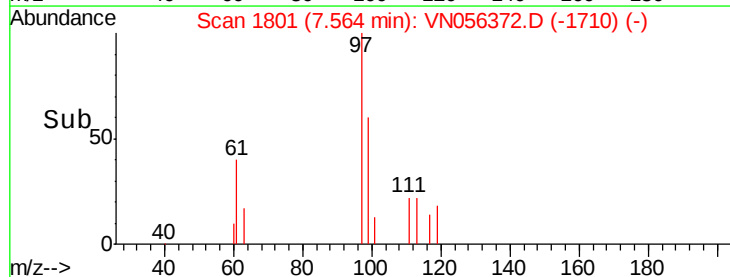
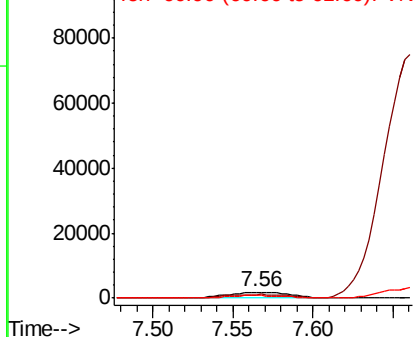


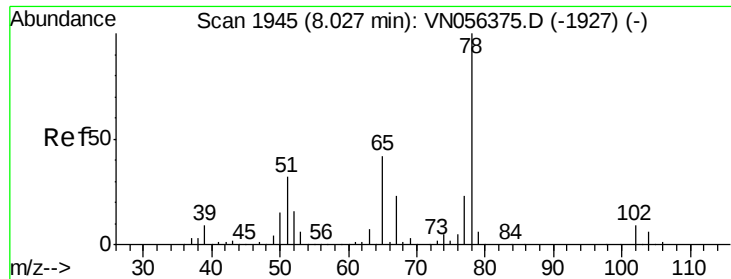
#32
1,1,1-Trichloroethane
Concen: 0.911 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.01 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Tgt Ion: 97 Resp: 4869
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.6#
61 38.5 33.9 50.9



Abundance Ion 96.90 (96.60 to 97.60): VNC
Ion 98.90 (98.60 to 99.60): VNC
Ion 60.90 (60.60 to 61.60): VNC

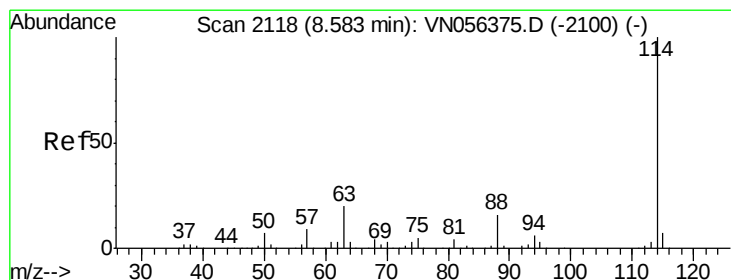
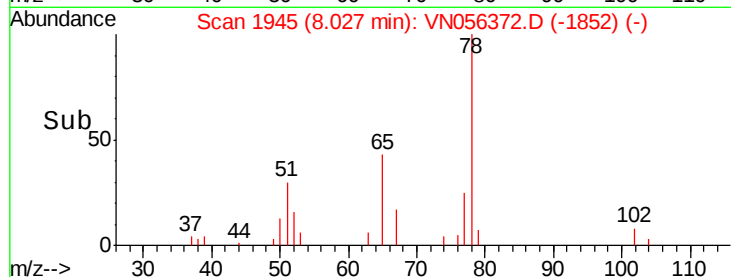
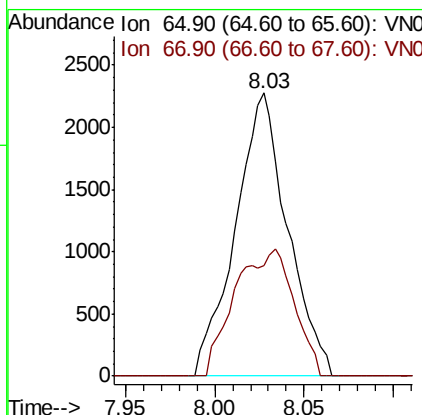
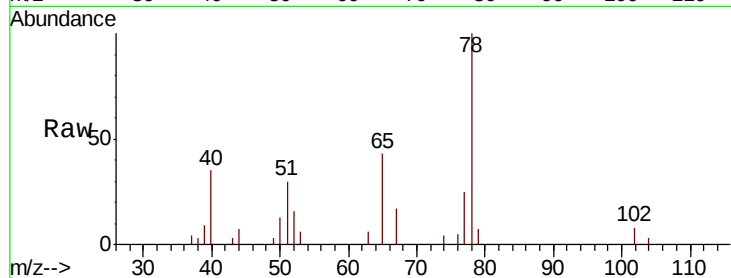




#33
 1,2-Dichloroethane-d4
 Concen: 1.132 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

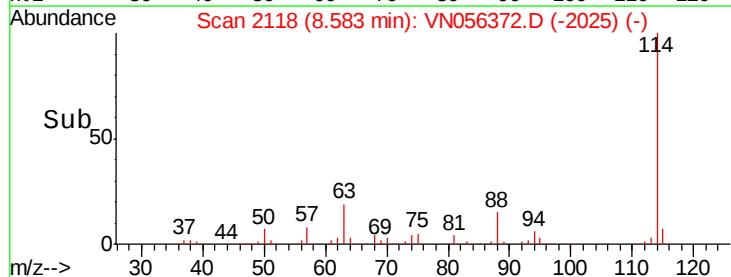
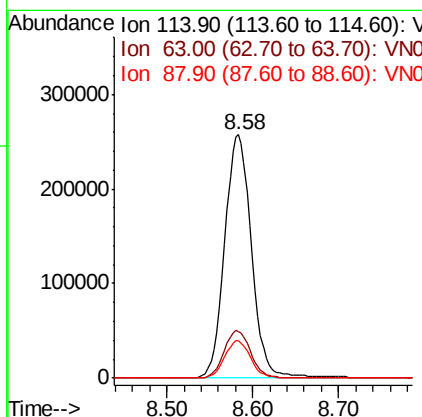
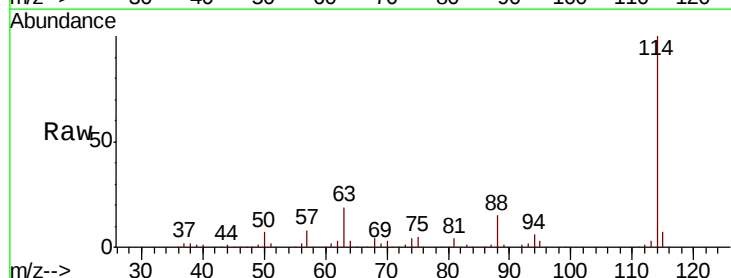
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

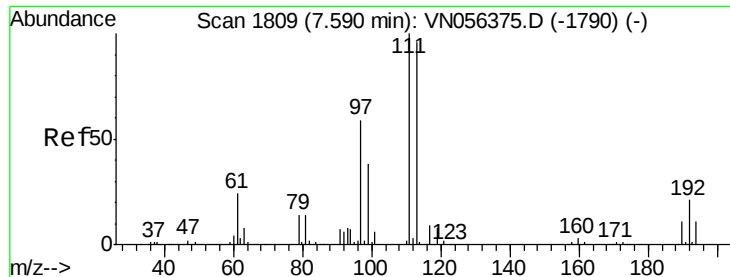
Tot Ion: 65 Resp: 4647
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Tgt Ion: 114 Resp: 556981
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.2
 88 15.3 0.0 31.4





#35

Dibromofluoromethane

Concen: 0.919 ug/l

RT: 7.59 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

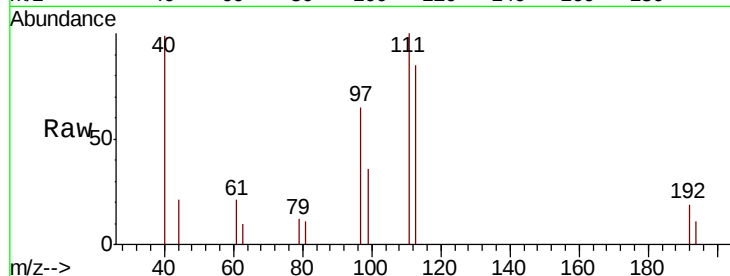
Tot Ion:113 Resp: 3257

Ion Ratio Lower Upper

113 100

111 109.0 82.9 124.3

192 16.8 17.7 26.5#

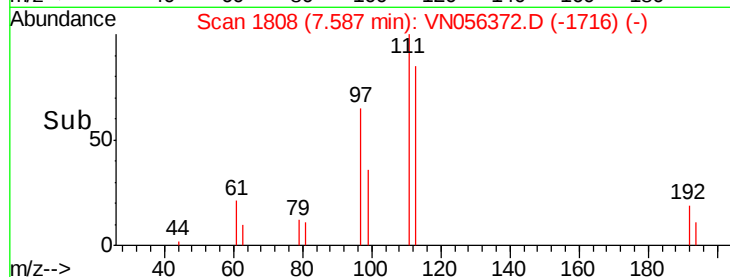


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

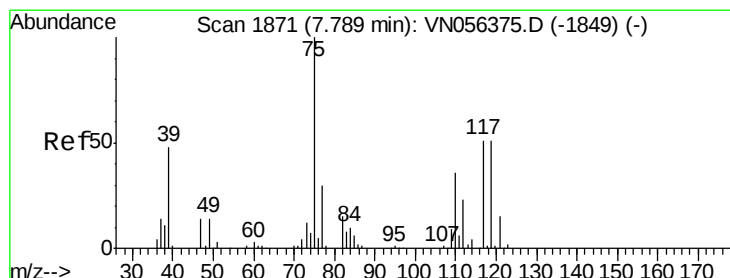
Time-->



Abundance

7.59

Time-->



#36

1,1-Dichloropropene

Concen: 1.152 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

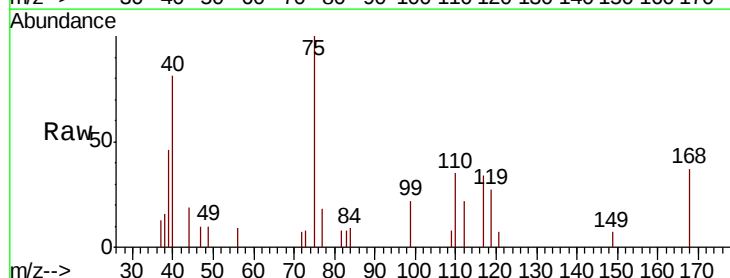
Tgt Ion: 75 Resp: 5723

Ion Ratio Lower Upper

75 100

110 29.8 18.1 54.3

77 22.4 24.6 36.8#

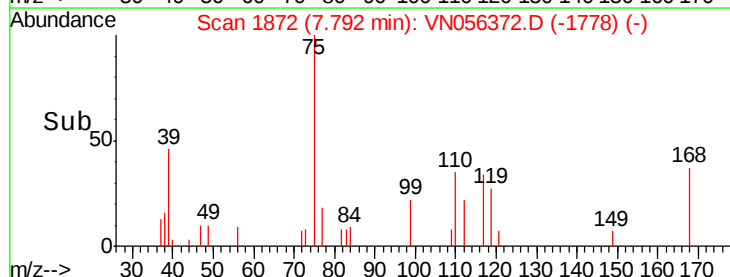


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

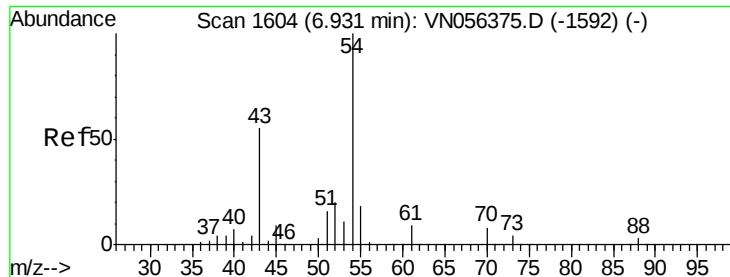
Time-->



Abundance

7.79

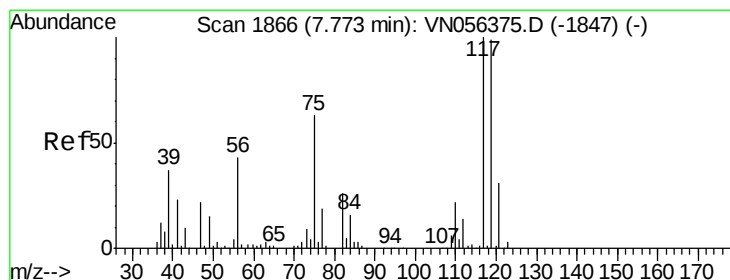
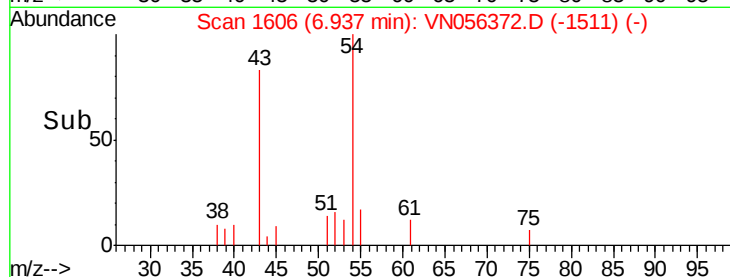
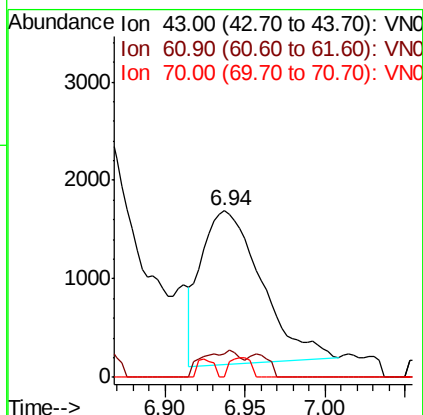
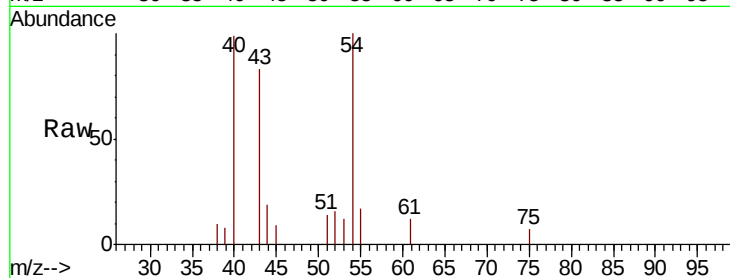
Time-->



#37
Ethyl Acetate
Concen: 0.862 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. 0.01 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

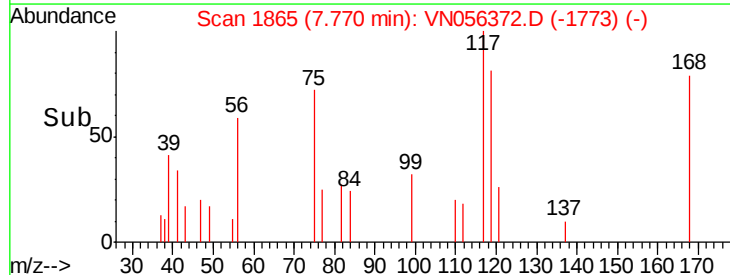
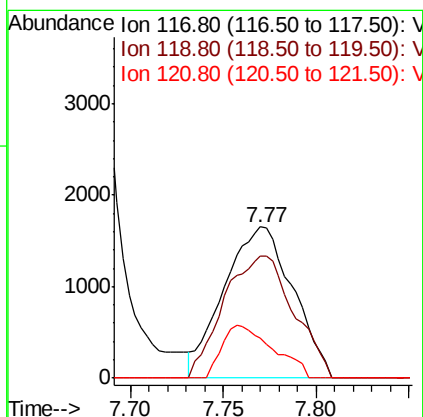
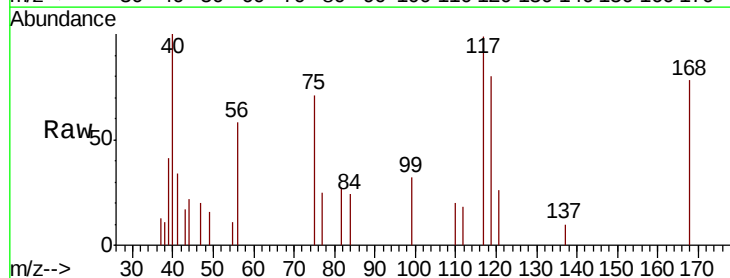
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

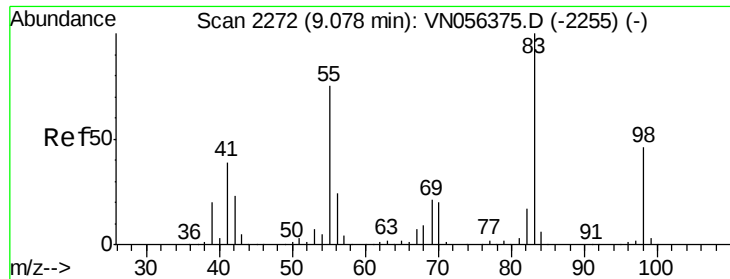
Tot Ion: 43 Resp: 4076
Ion Ratio Lower Upper
43 100
61 11.2 11.1 16.7
70 3.1 8.3 12.5#



#38
Carbon Tetrachloride
Concen: 0.908 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Tgt Ion: 117 Resp: 4272
Ion Ratio Lower Upper
117 100
119 80.5 79.1 118.7
121 26.1 24.8 37.2

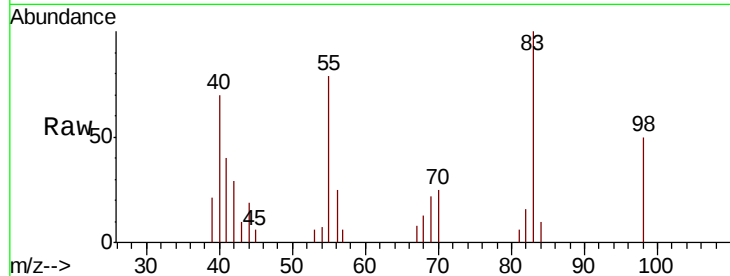




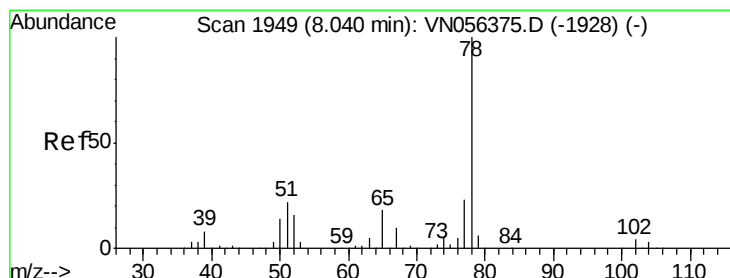
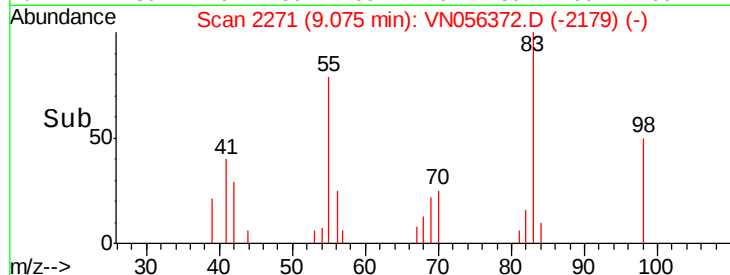
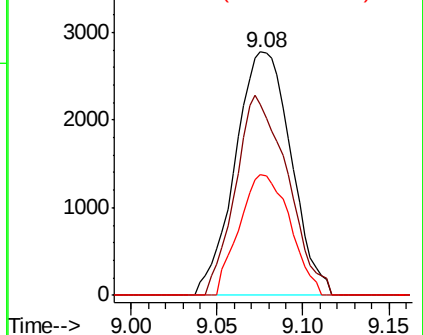
#39
Methvlcvclohexane
Concen: 1.037 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 83 Resp: 6270
Ion Ratio Lower Upper
83 100
55 78.7 60.0 90.0
98 49.8 36.6 54.8

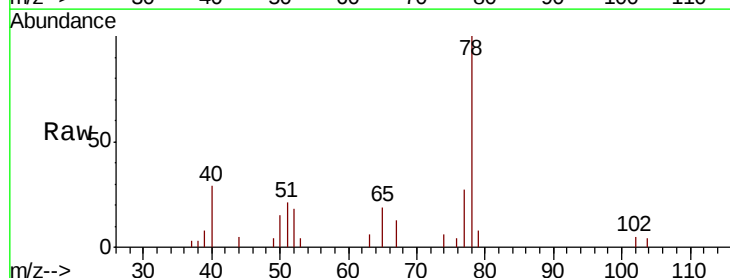


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

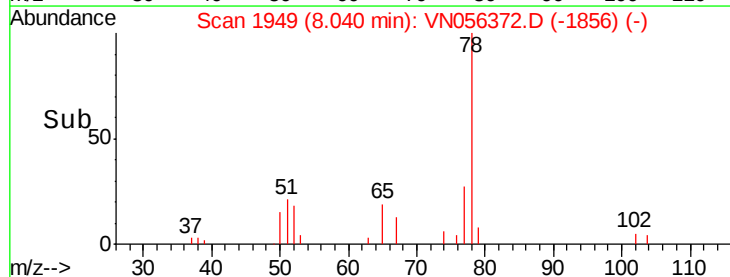
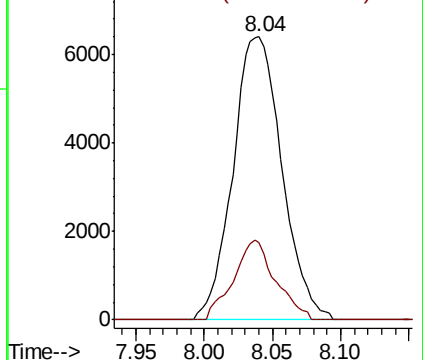


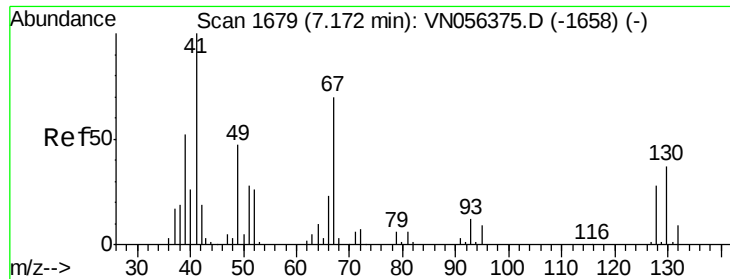
#40
Benzene
Concen: 1.061 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Tgt Ion: 78 Resp: 15971
Ion Ratio Lower Upper
78 100
77 27.2 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

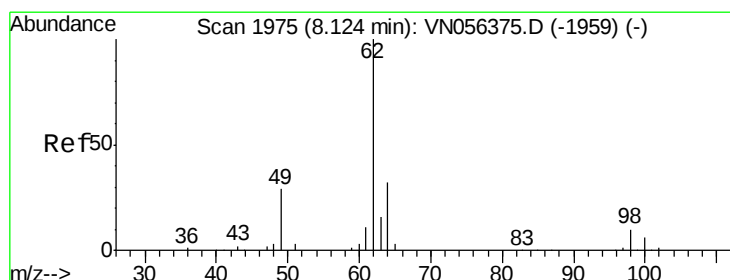
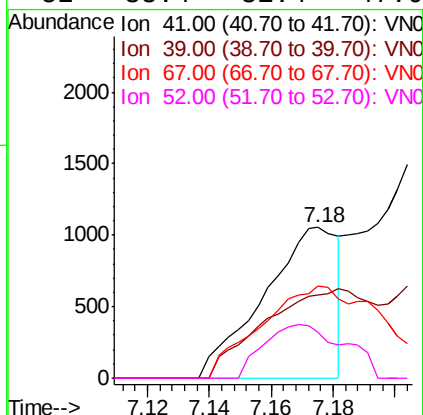
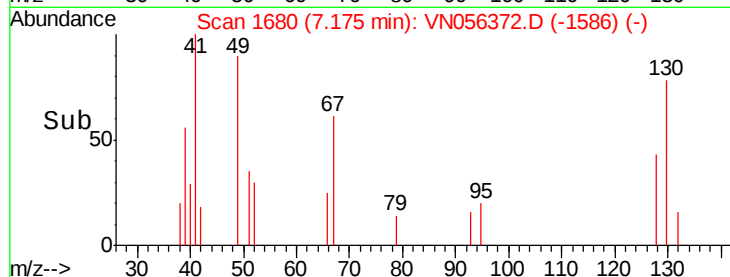
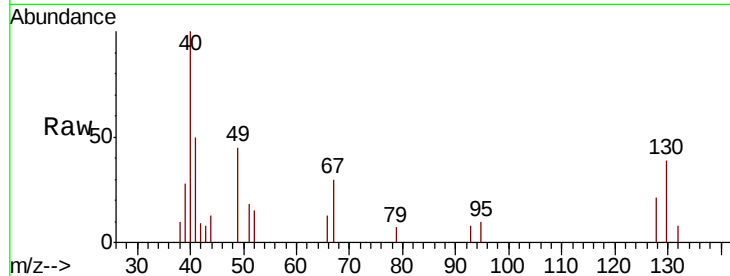




#41
Methacrylonitrile
Concen: 0.831 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

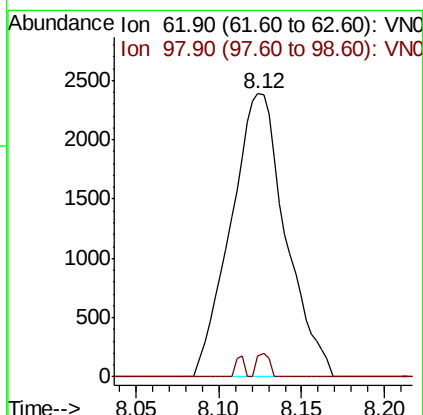
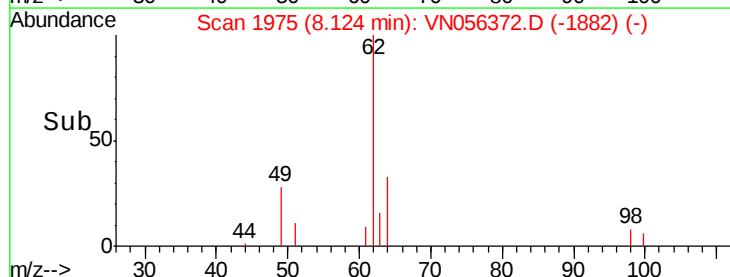
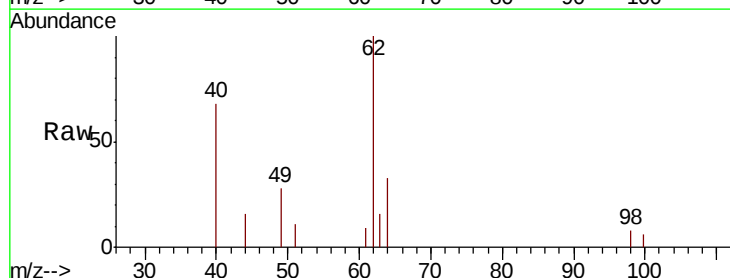
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

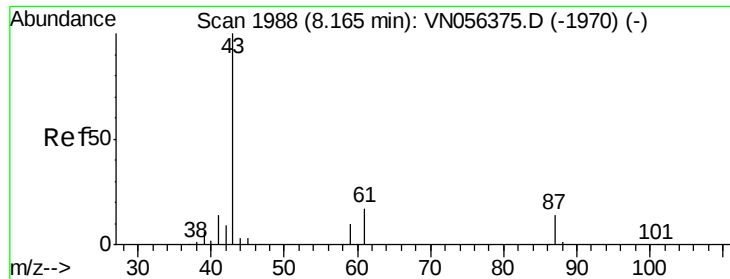
Tot Ion: 41 Resp: 1761
Ion Ratio Lower Upper
41 100
39 84.7 55.3 82.9#
67 97.4 79.2 118.8
52 38.4 31.4 47.0



#42
1,2-Dichloroethane
Concen: 1.111 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Tgt Ion: 62 Resp: 5481
Ion Ratio Lower Upper
62 100
98 1.9 0.0 19.4





#43

Isopropyl Acetate

Concen: 0.876 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

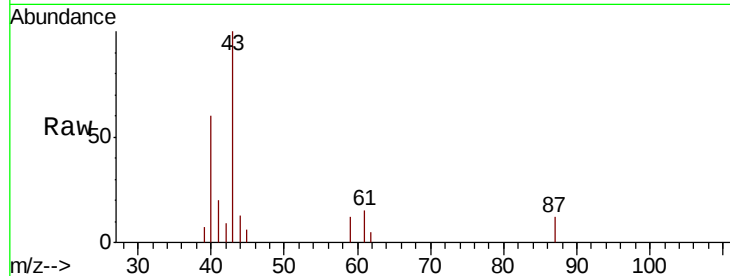
Tot Ion: 43 Resp: 6613

Ion Ratio Lower Upper

43 100

61 2.5 22.0 33.0#

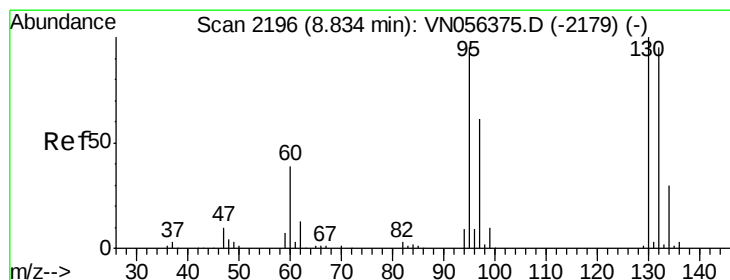
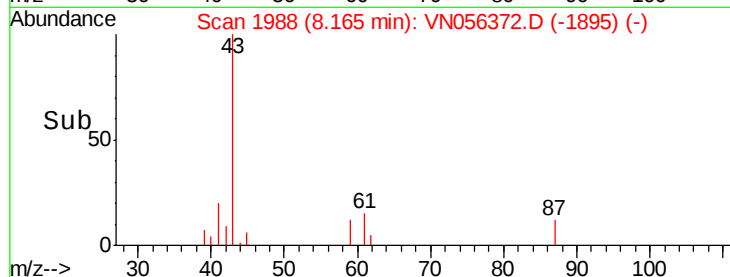
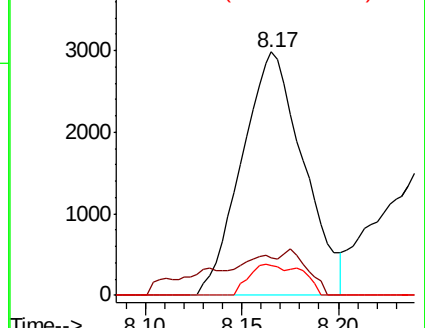
87 10.9 11.0 16.4#



Abundance Ion 43.00 (42.70 to 43.70): VN056372.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056372.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056372.D (-1970) (-)



#44

Trichloroethene

Concen: 1.017 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056372.D

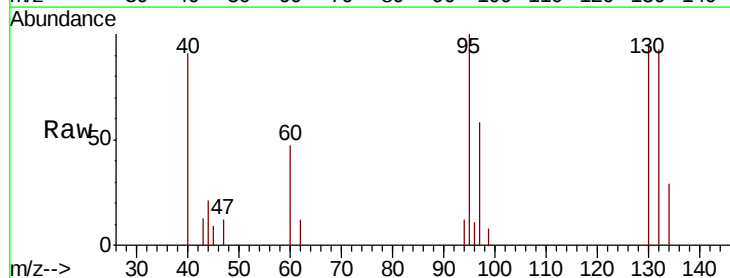
Acq: 19 Jun 2019 8:53

Tgt Ion: 130 Resp: 4171

Ion Ratio Lower Upper

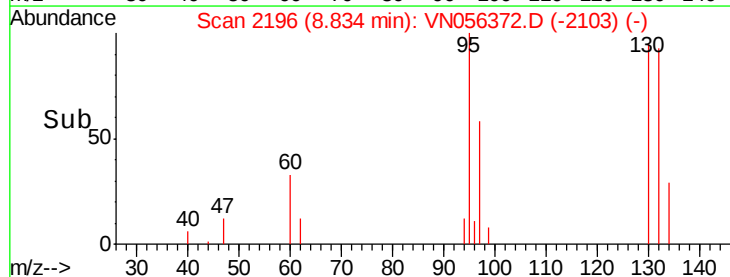
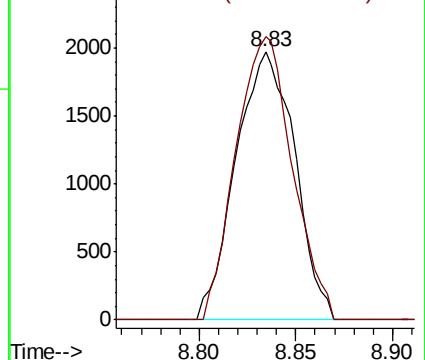
130 100

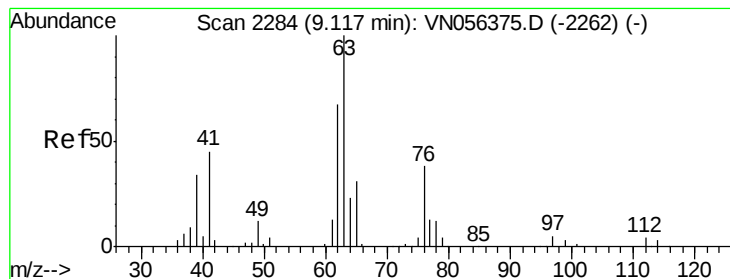
95 105.4 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN056372.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN056372.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 1.046 ug/l

RT: 9.11 min Scan# 2283

Delta R.T. -0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampleId :

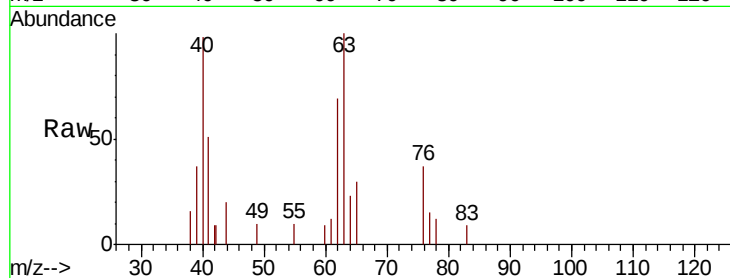
VSTDIC001

Tot Ion: 63 Resp: 4169

Ion Ratio Lower Upper

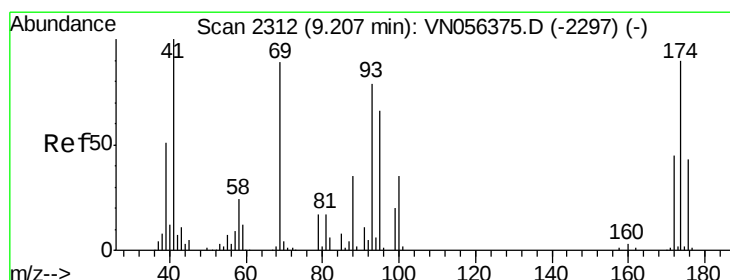
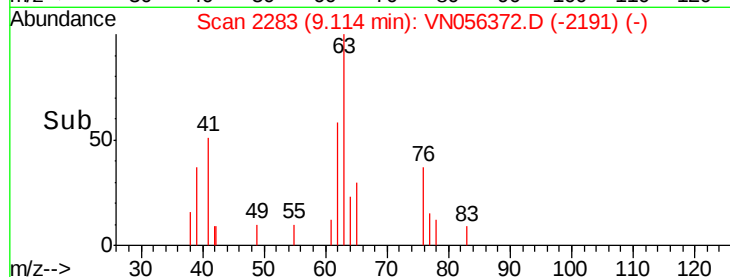
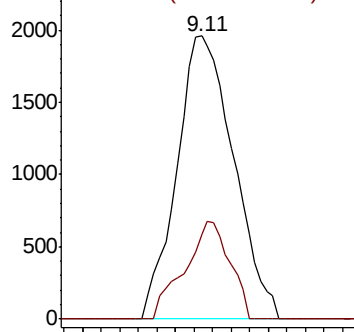
63 100

65 30.1 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 0.930 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

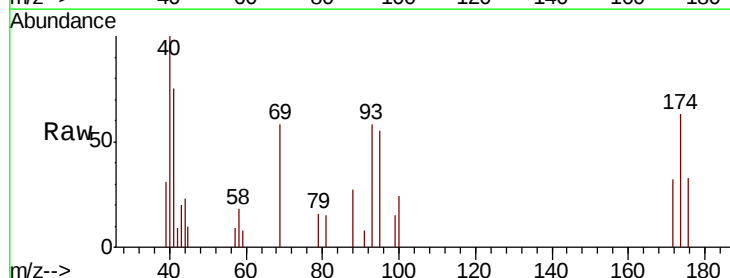
Tgt Ion: 93 Resp: 2453

Ion Ratio Lower Upper

93 100

95 87.4 66.2 99.2

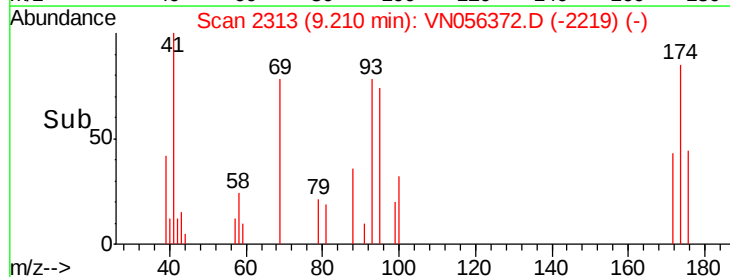
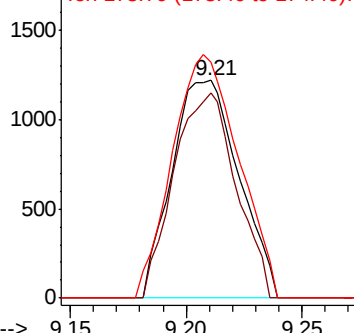
174 110.7 90.8 136.2

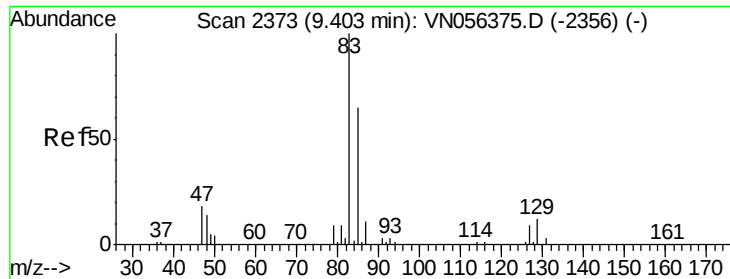


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 0.812 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

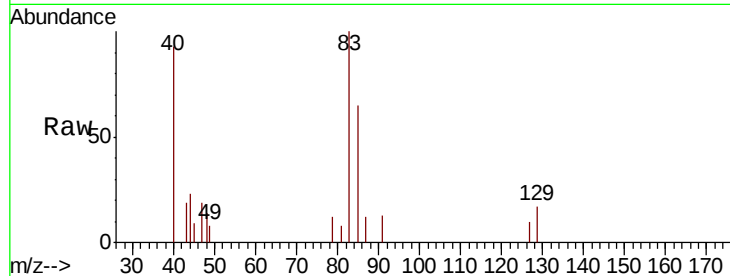
Tot Ion: 83 Resp: 4056

Ion Ratio Lower Upper

83 100

85 64.6 52.2 78.4

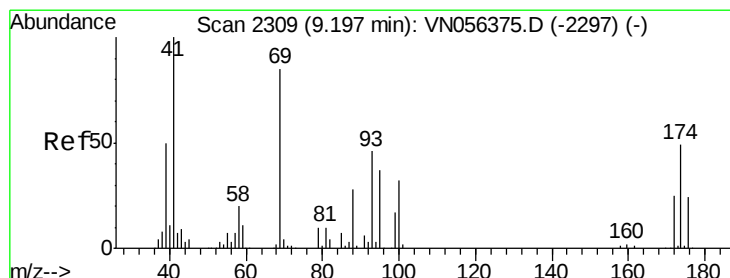
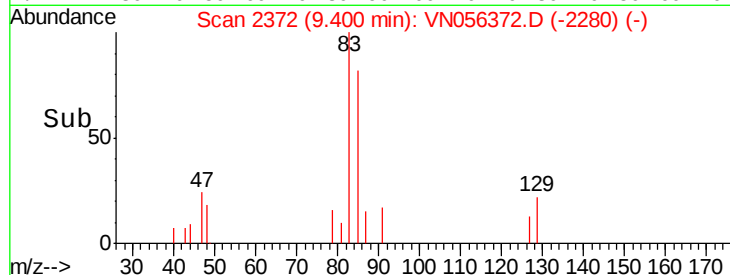
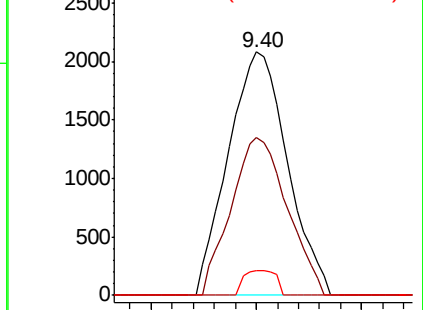
127 9.9 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN056372.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN056372.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN056372.D (-2280) (-)



#48

Methyl methacrylate

Concen: 0.917 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.01 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

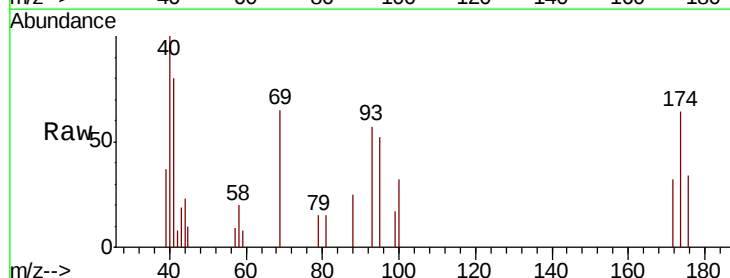
Tgt Ion: 41 Resp: 3469

Ion Ratio Lower Upper

41 100

69 87.5 72.6 109.0

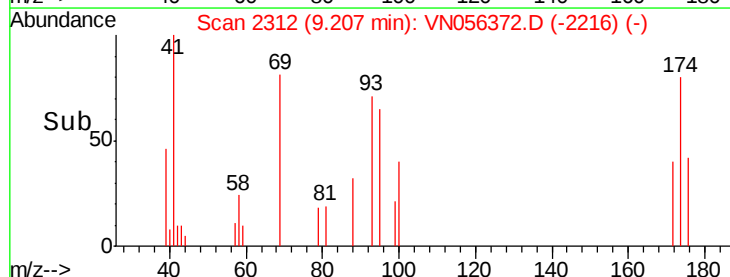
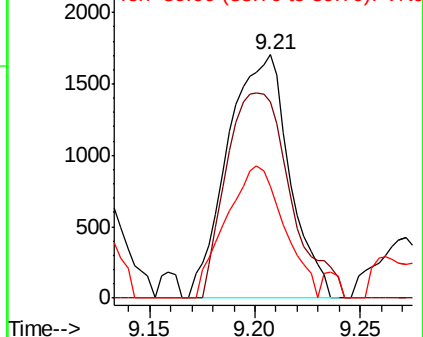
39 51.2 42.6 63.8

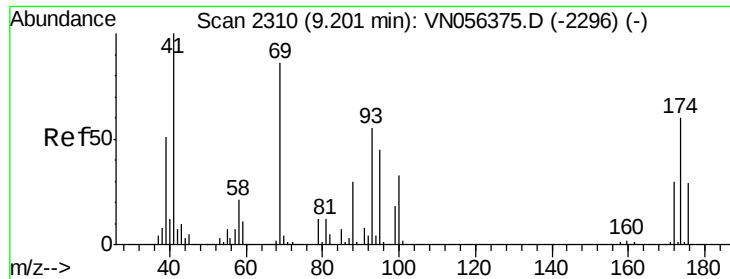


Abundance Ion 41.00 (40.70 to 41.70): VN056372.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN056372.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN056372.D (-2216) (-)

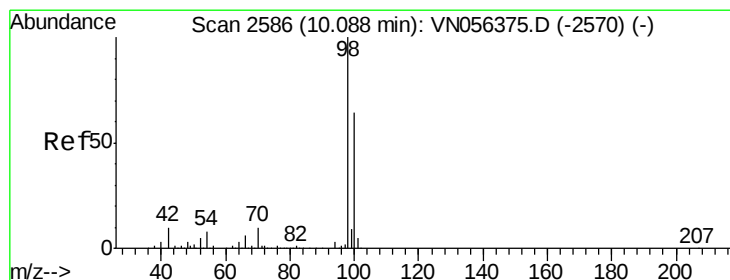
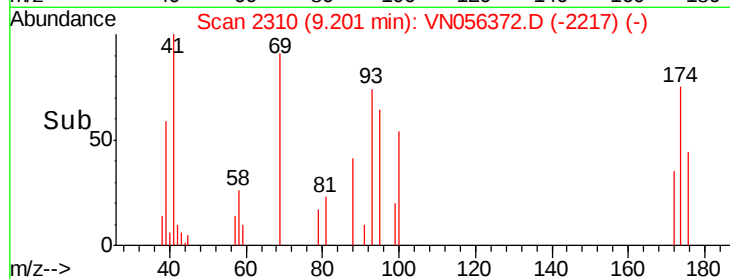
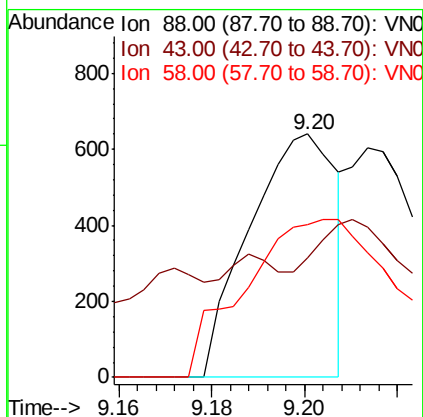
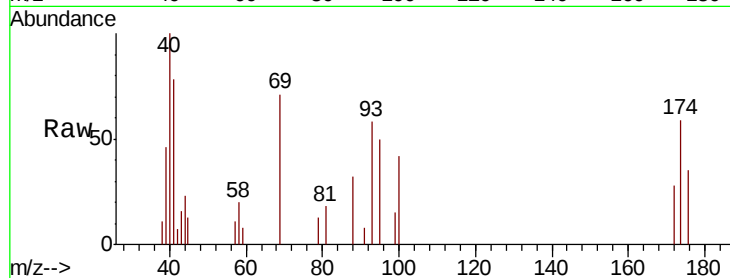




#49
 1,4-Dioxane
 Concen: 10.931 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

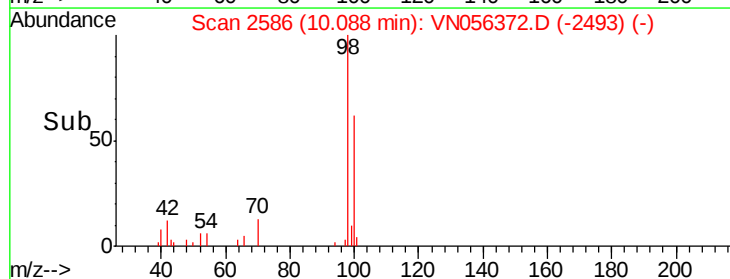
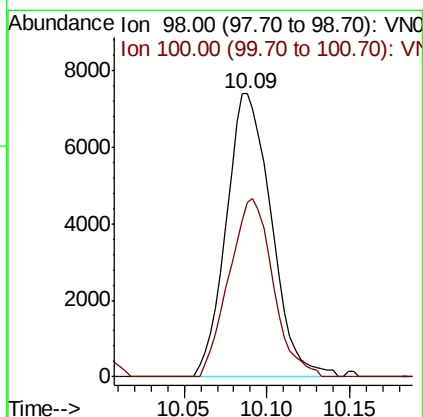
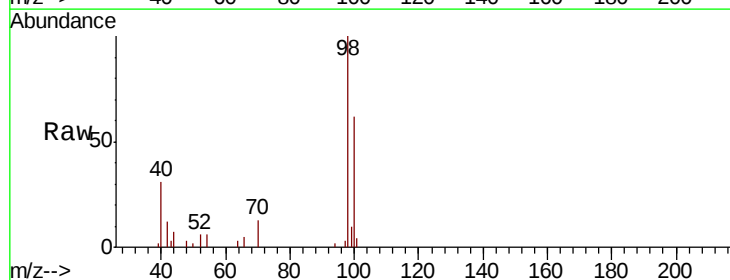
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

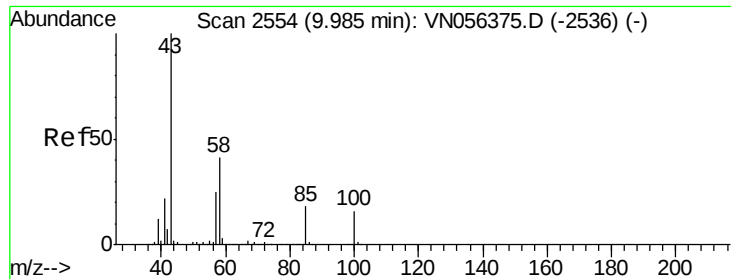
Tot Ion: 88 Resp: 832
 Ion Ratio Lower Upper
 88 100
 43 23.9 22.0 33.0
 58 108.7 51.8 77.8#



#50
 Toluene-d8
 Concen: 1.029 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Tgt Ion: 98 Resp: 13968
 Ion Ratio Lower Upper
 98 100
 100 61.4 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 4.565 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampled :

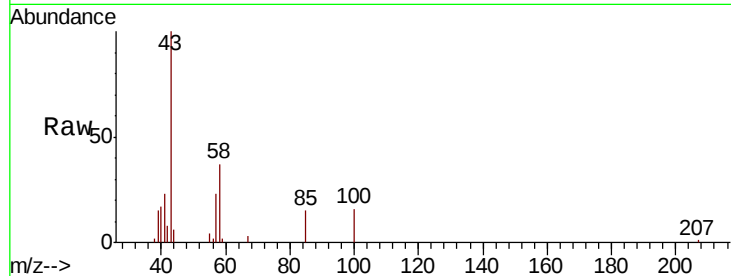
VSTDIC001

Tot Ion: 43 Resp: 21936

Ion Ratio Lower Upper

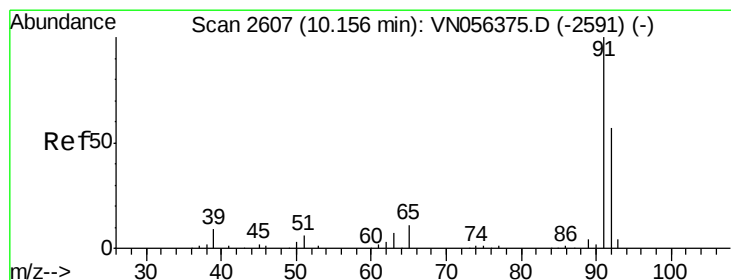
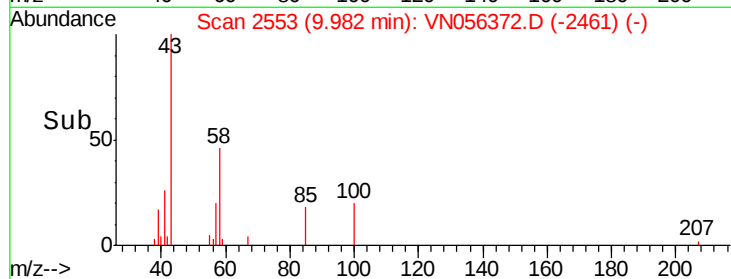
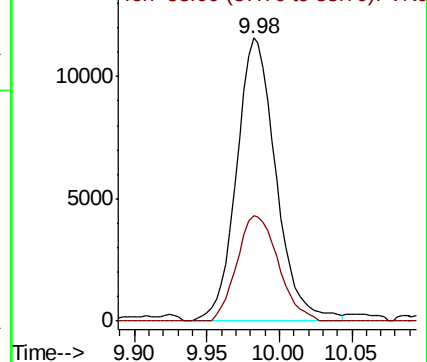
43 100

58 39.0 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 1.037 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056372.D

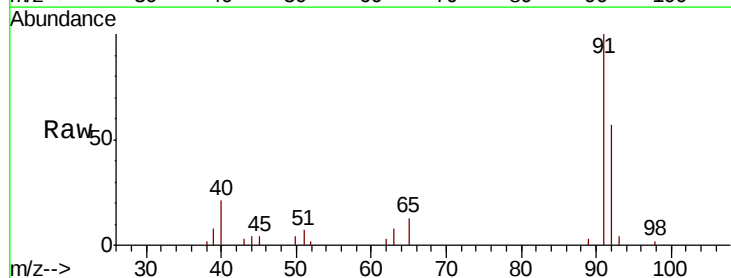
Acq: 19 Jun 2019 8:53

Tgt Ion: 92 Resp: 9512

Ion Ratio Lower Upper

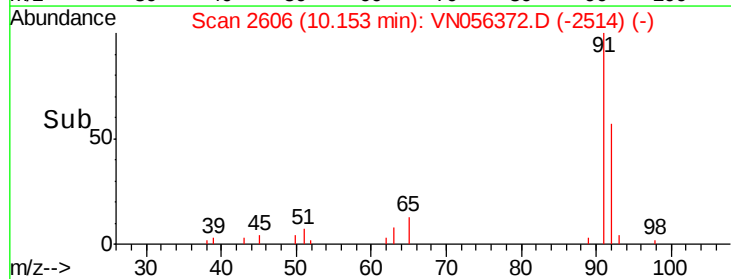
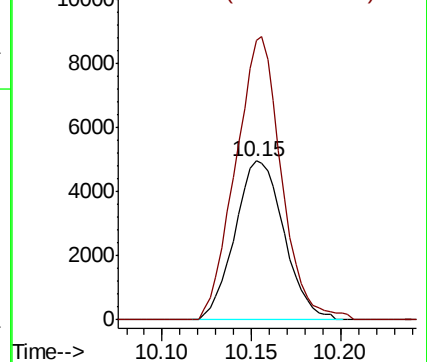
92 100

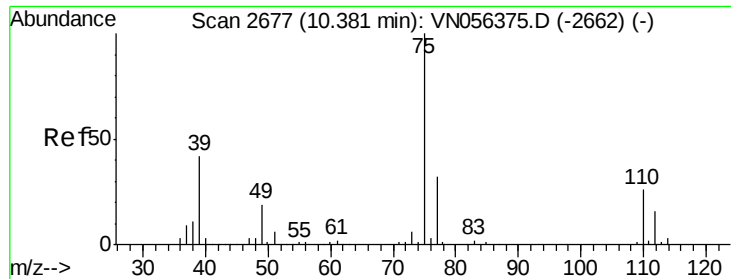
91 166.2 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 0.659 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampleId :

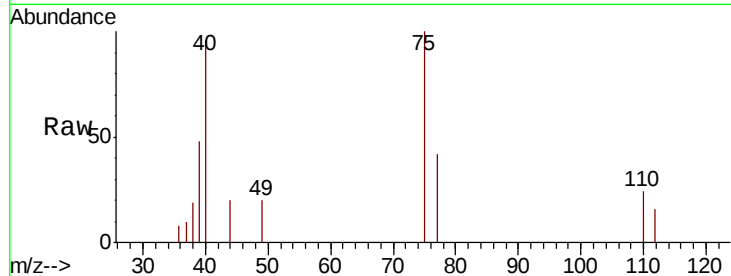
VSTDIC001

Tot Ion: 75 Resp: 3285

Ion Ratio Lower Upper

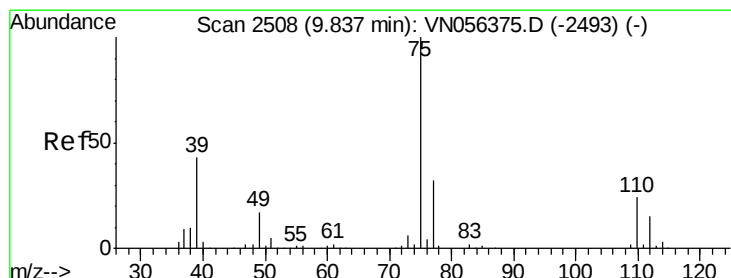
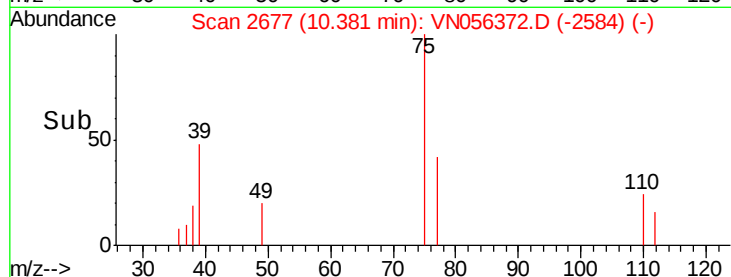
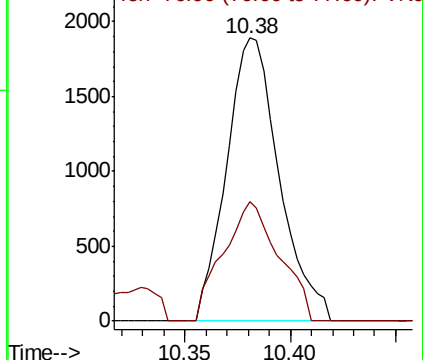
75 100

77 42.4 25.4 38.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 0.759 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

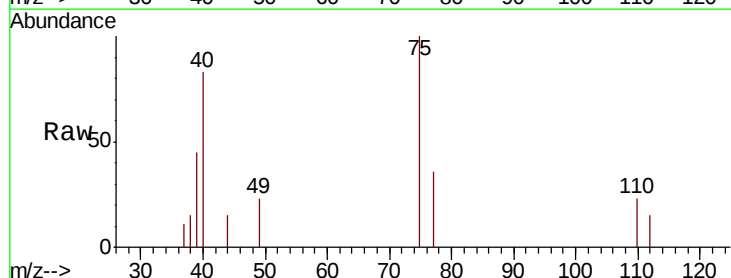
Tgt Ion: 75 Resp: 4381

Ion Ratio Lower Upper

75 100

77 35.6 25.2 37.8

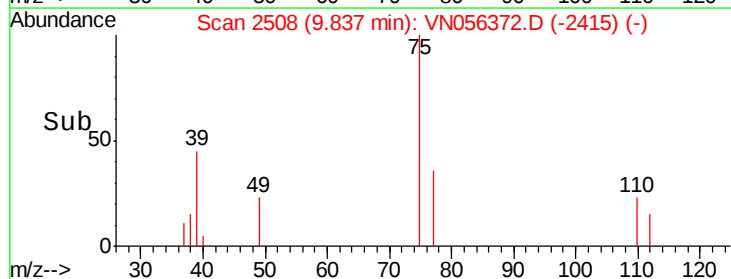
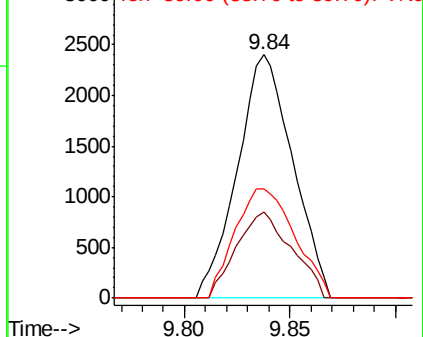
39 44.7 34.2 51.4

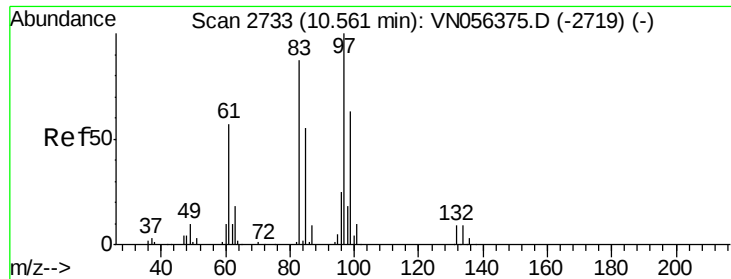


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

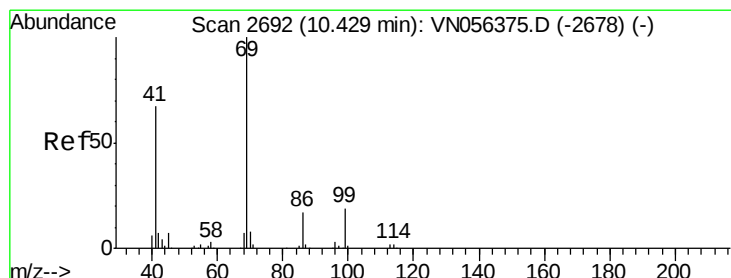
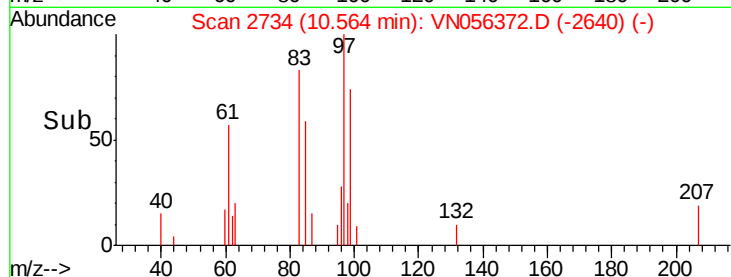
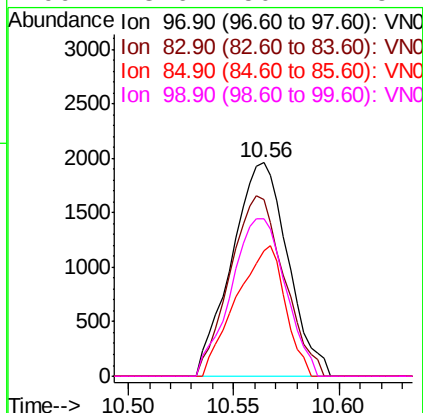
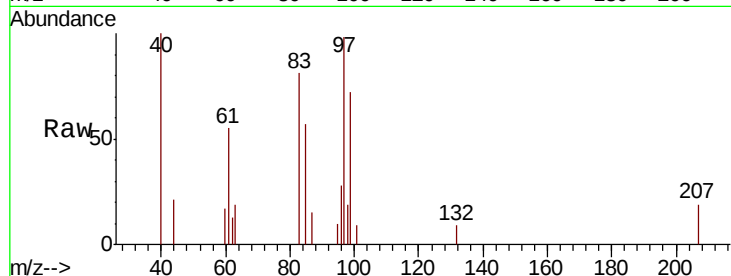




#55
 1,1,2-Trichloroethane
 Concen: 0.958 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

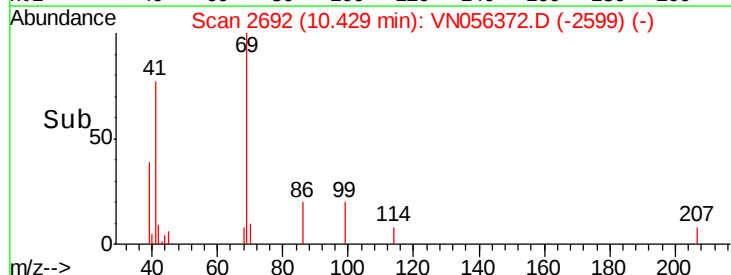
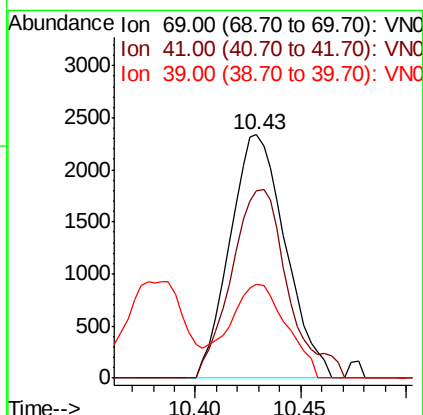
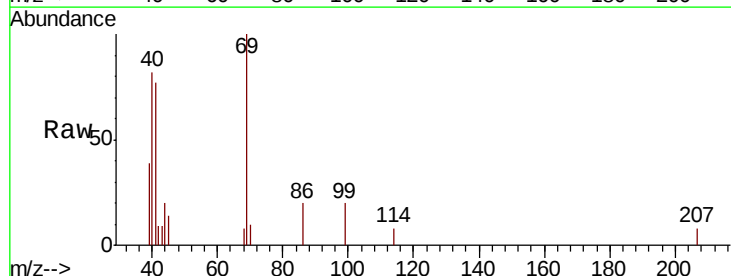
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

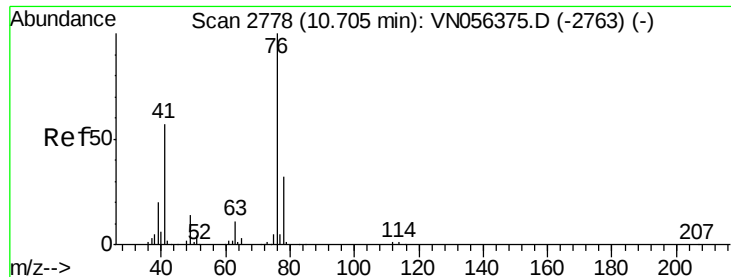
Tot Ion:	97	Resp:	3625
Ion	Ratio	Lower	Upper
97	100		
83	82.8	69.8	104.6
85	58.7	43.8	65.8
99	73.6	50.2	75.2



#56
 Ethyl methacrylate
 Concen: 0.785 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Tgt Ion:	69	Resp:	4262
Ion	Ratio	Lower	Upper
69	100		
41	78.7	51.4	77.2#
39	40.5	24.7	37.1#

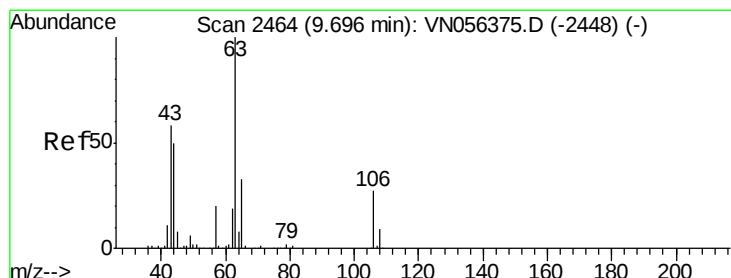
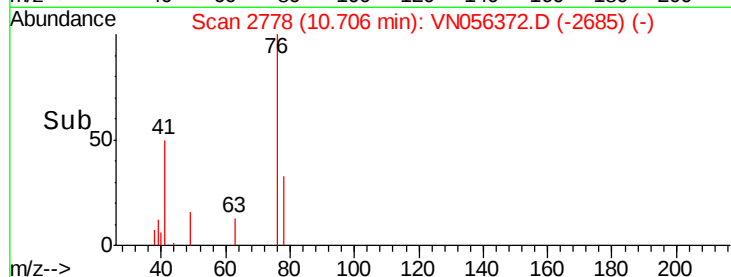
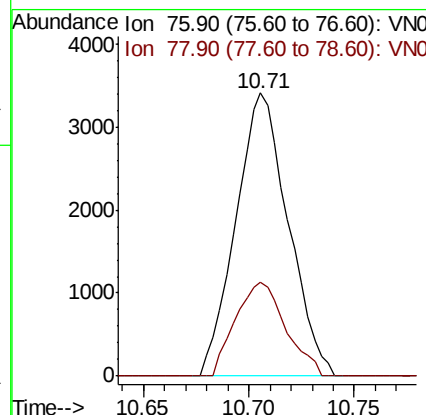
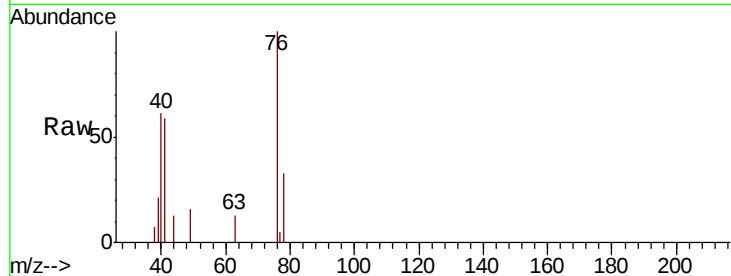




#57
 1,3-Dichloropropane
 Concen: 0.922 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

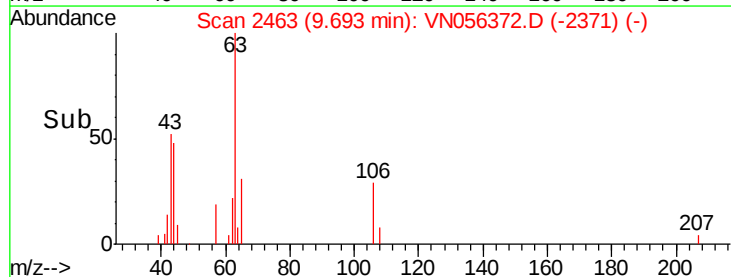
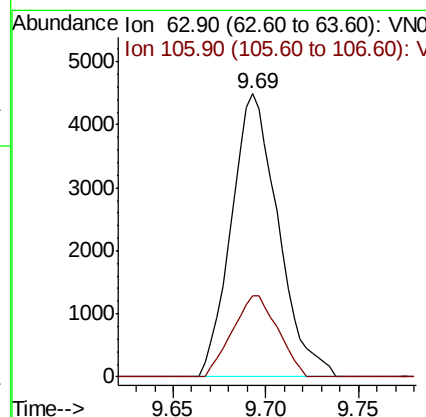
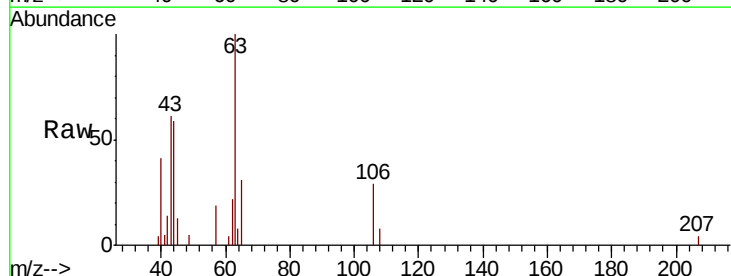
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

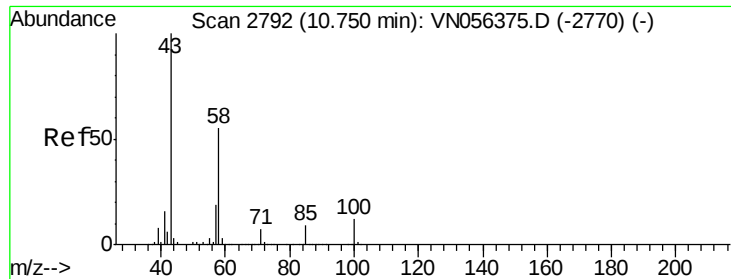
Tot Ion: 76 Resp: 5870
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 4.384 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Tgt Ion: 63 Resp: 7871
 Ion Ratio Lower Upper
 63 100
 106 27.8 21.6 32.4

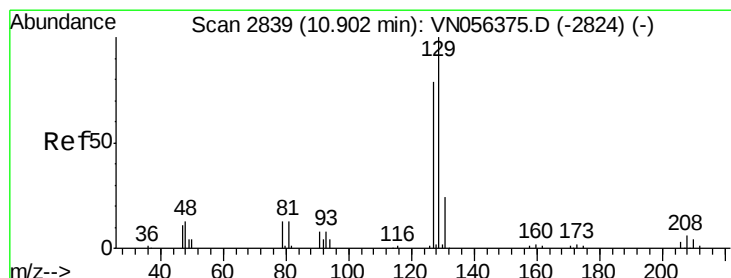
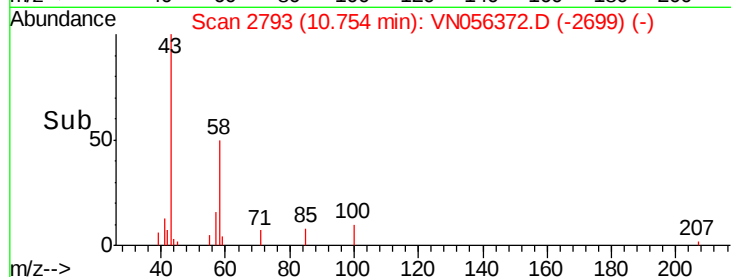
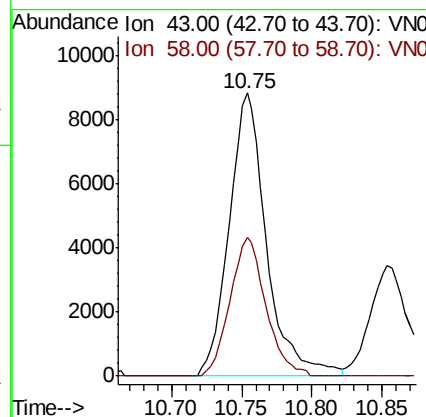
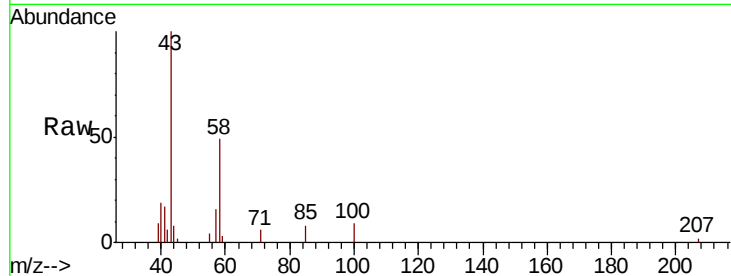




#59
2-Hexanone
Concen: 4.583 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

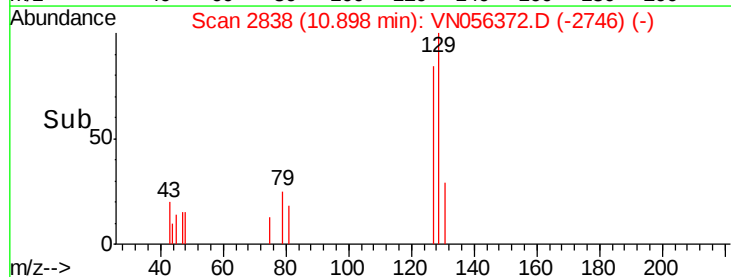
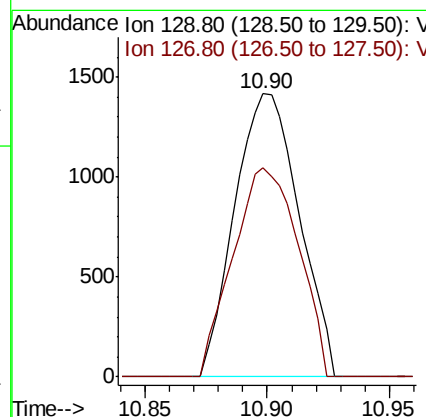
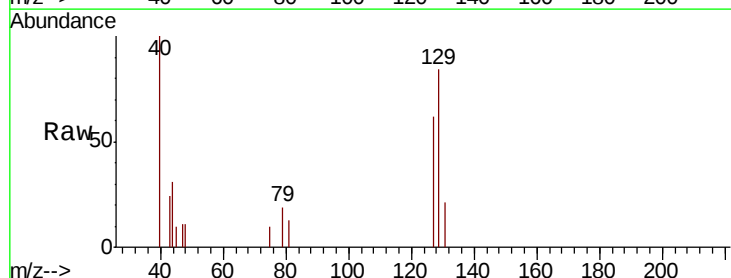
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

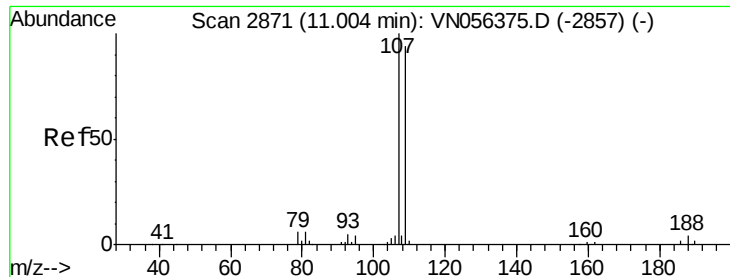
Tot Ion: 43 Resp: 16306
Ion Ratio Lower Upper
43 100
58 46.8 27.8 83.4



#60
Dibromochloromethane
Concen: 0.665 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Tgt Ion: 129 Resp: 2594
Ion Ratio Lower Upper
129 100
127 75.1 38.9 116.7





#61

1,2-Dibromoethane

Concen: 0.900 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampleId :

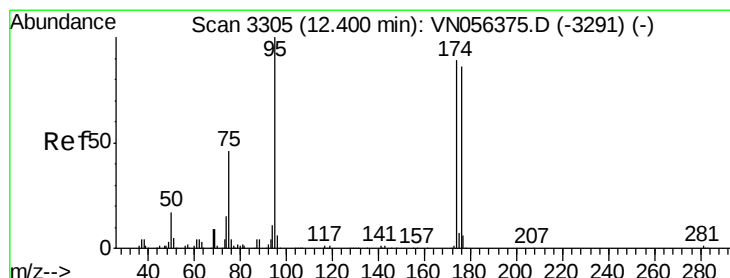
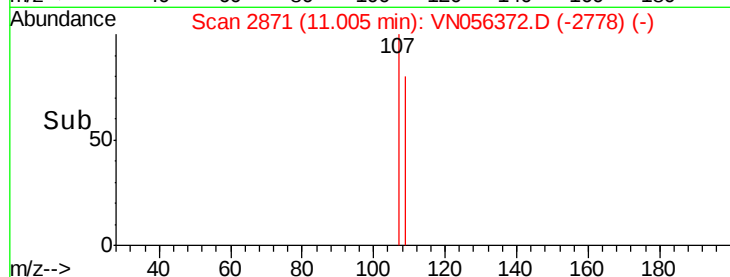
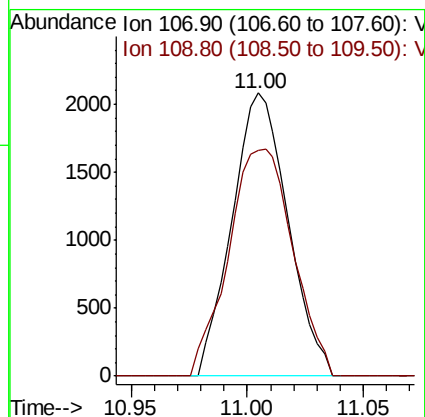
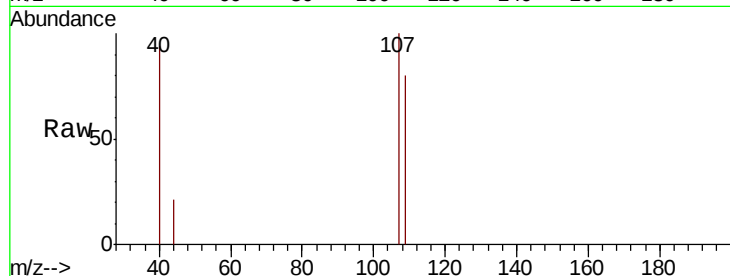
VSTDIC001

Tot Ion: 107 Resp: 3493

Ion Ratio Lower Upper

107 100

109 92.2 75.3 112.9



#62

4-Bromofluorobenzene

Concen: 1.073 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

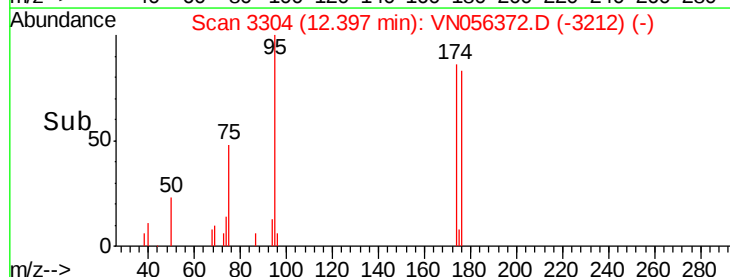
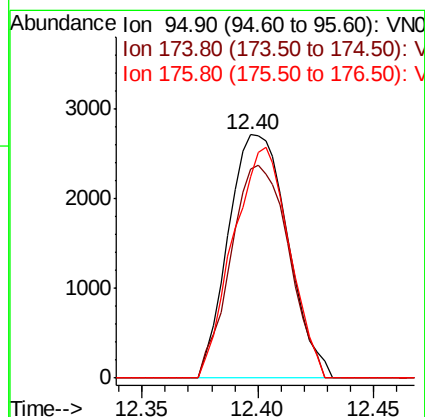
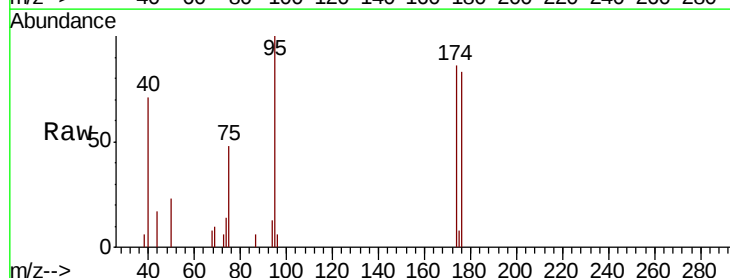
Tgt Ion: 95 Resp: 4825

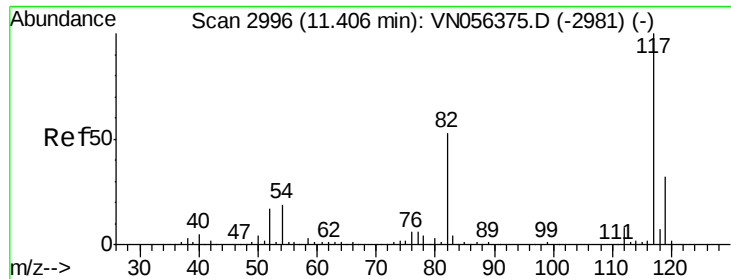
Ion Ratio Lower Upper

95 100

174 85.5 0.0 179.4

176 89.8 0.0 173.4

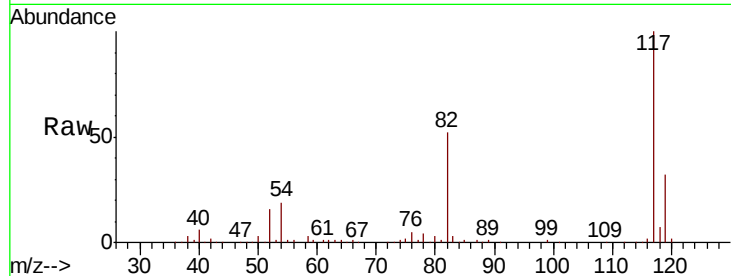




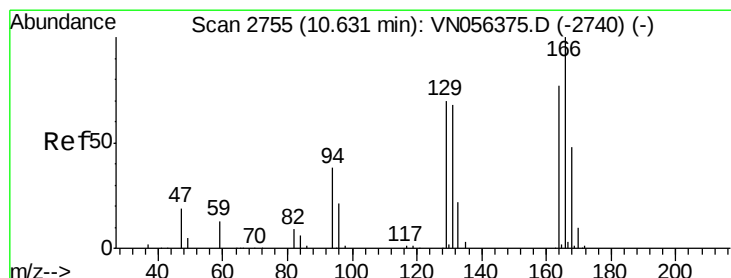
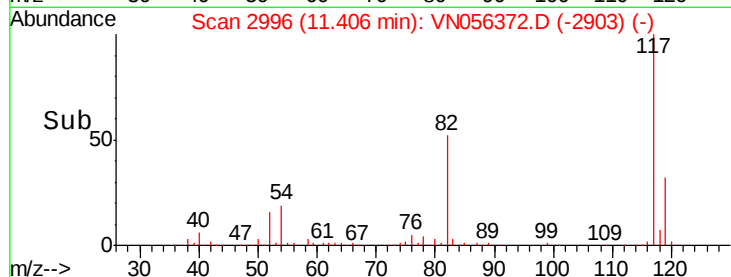
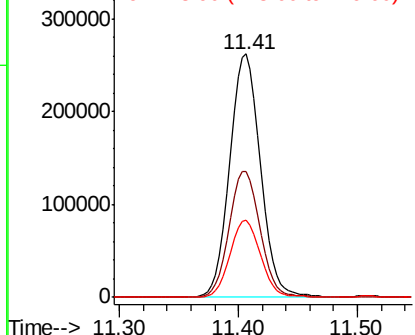
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 470286
Ion Ratio Lower Upper
117 100
82 51.6 42.0 63.0
119 31.6 25.3 37.9

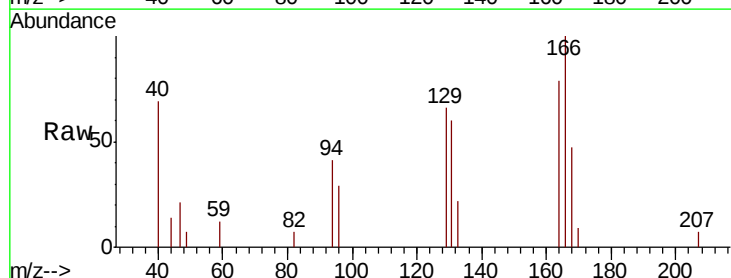


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

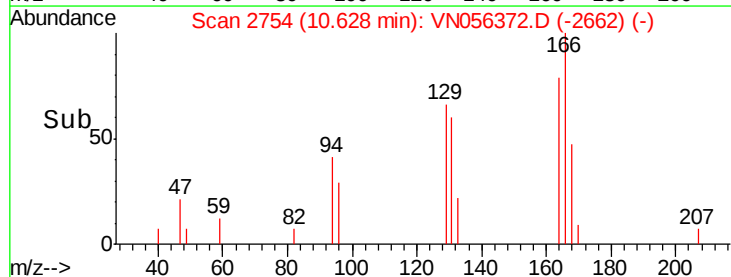
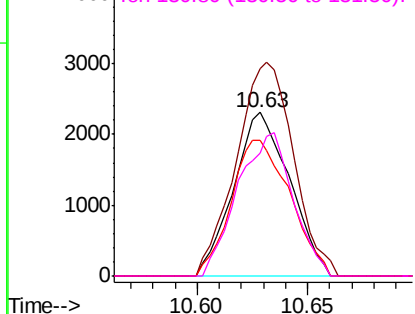


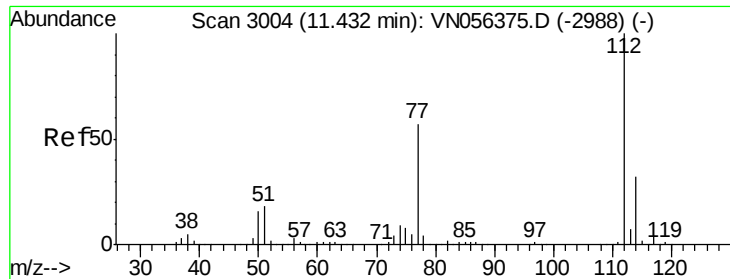
#64
Tetrachloroethene
Concen: 1.066 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Tgt Ion:164 Resp: 4067
Ion Ratio Lower Upper
164 100
166 126.6 103.4 155.0
129 82.9 72.0 108.0
131 75.3 70.2 105.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

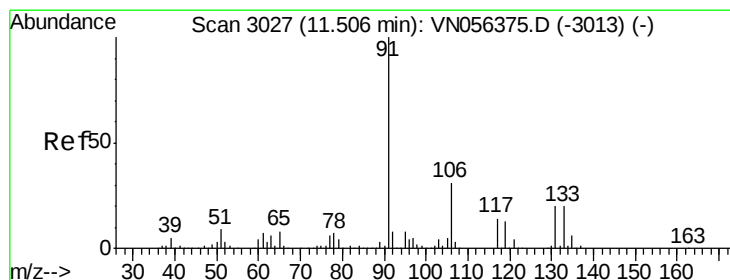
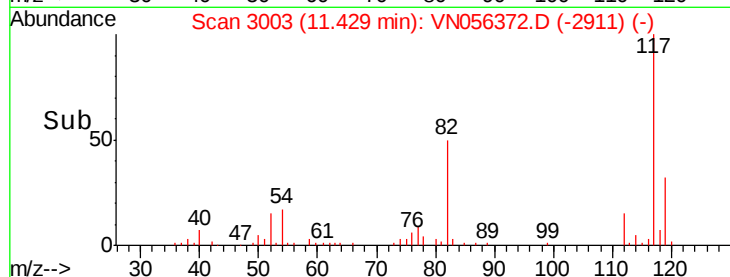
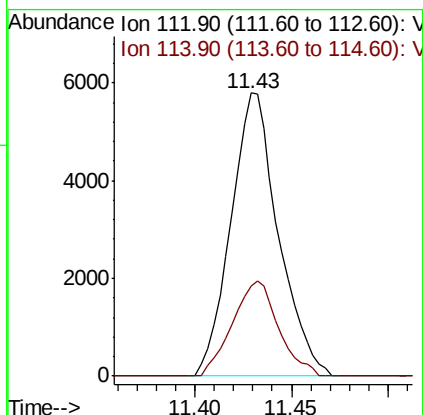
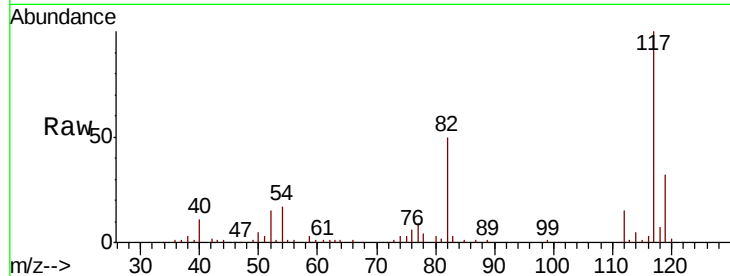




#65
Chlorobenzene
Concen: 1.038 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

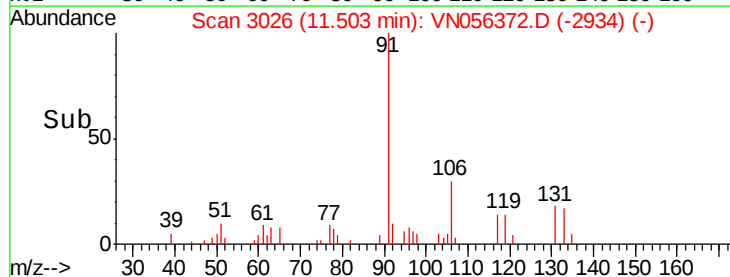
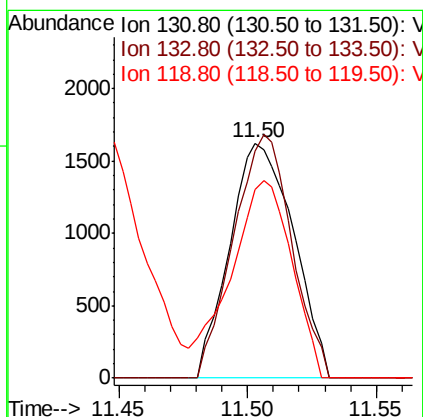
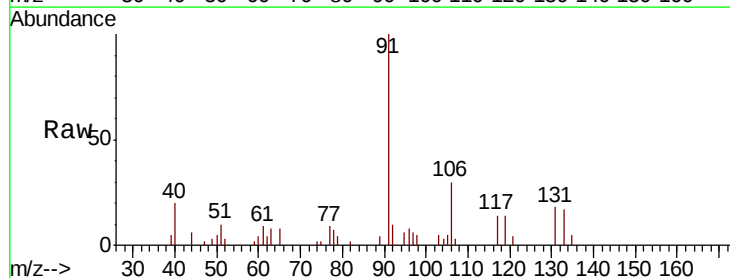
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

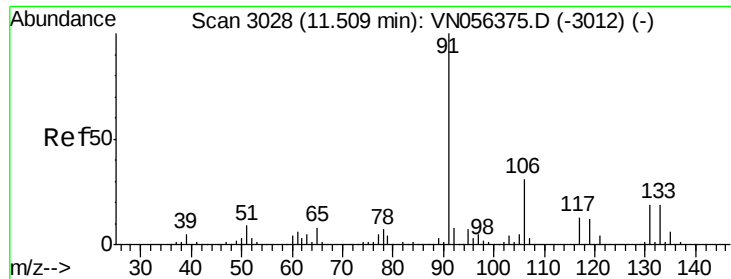
Tot Ion:112 Resp: 9862
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 0.793 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Tgt Ion:131 Resp: 2794
Ion Ratio Lower Upper
131 100
133 95.1 47.4 142.2
119 0.0 32.8 98.4#

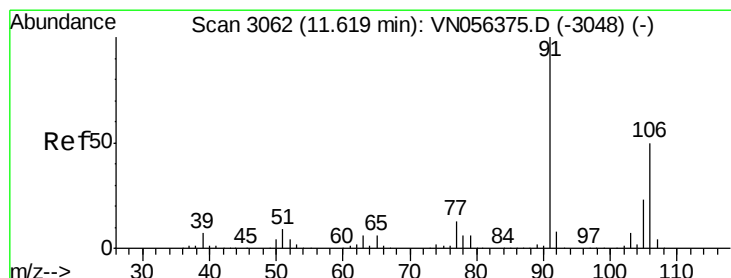
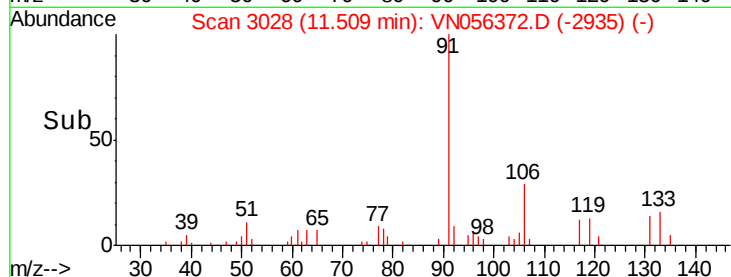
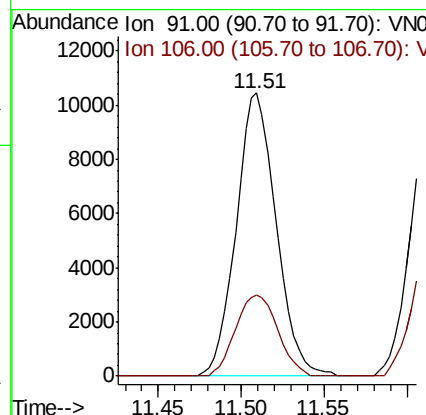
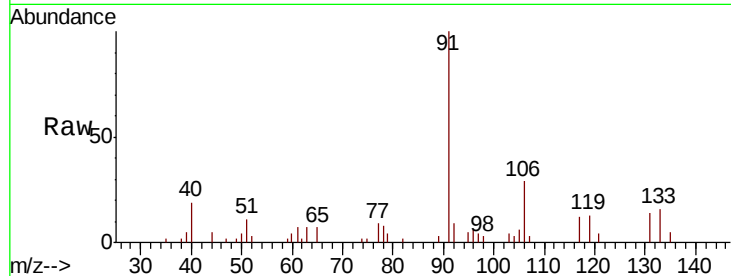




#67
Ethyl Benzene
Concen: 1.071 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

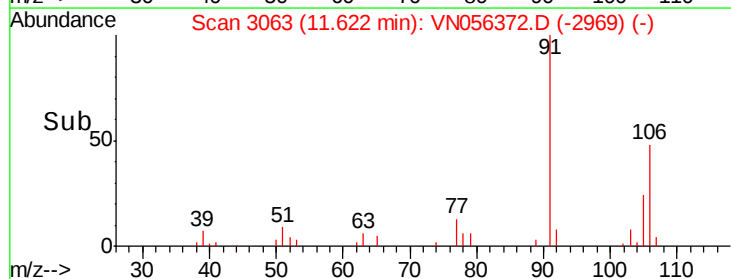
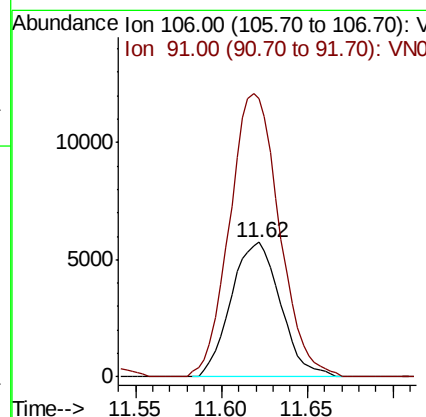
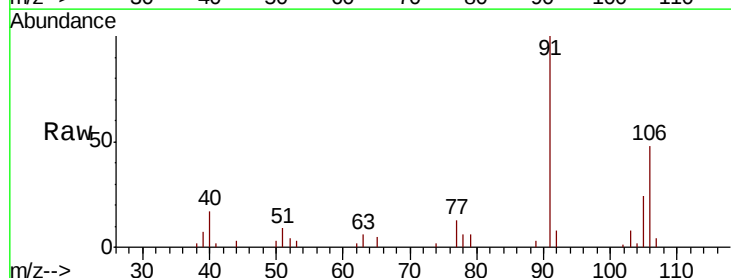
Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

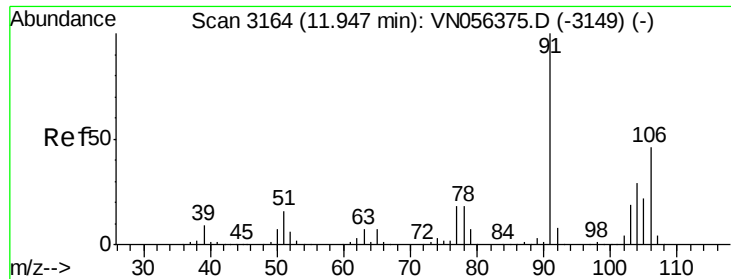
Tot Ion: 91 Resp: 17495
Ion Ratio Lower Upper
91 100
106 28.5 25.1 37.7



#68
m/p-Xylenes
Concen: 1.895 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Tgt Ion: 106 Resp: 11503
Ion Ratio Lower Upper
106 100
91 211.4 160.1 240.1

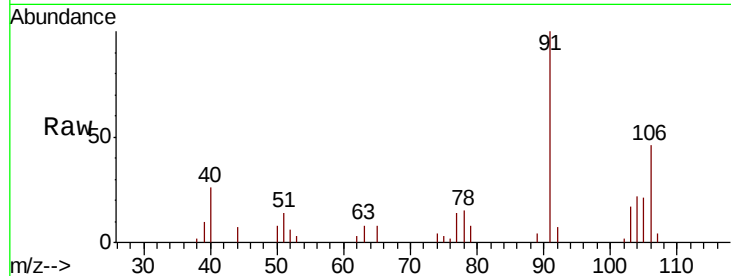




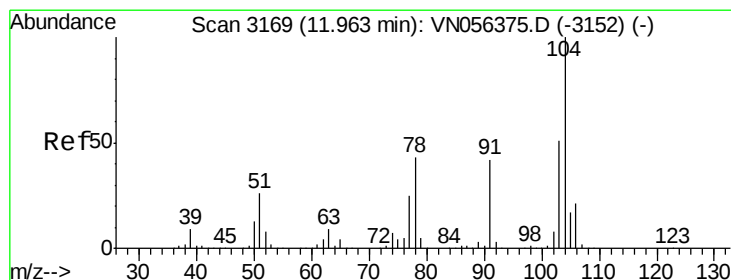
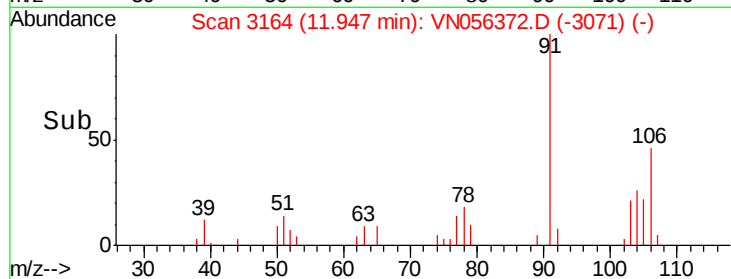
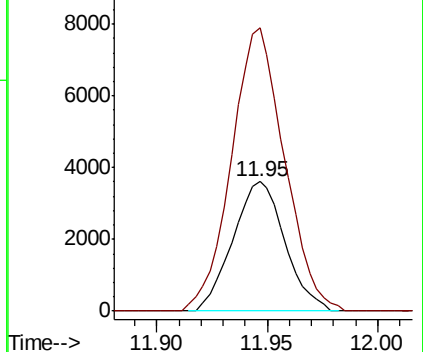
#69
o-Xylene
Concen: 0.982 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion:106 Resp: 5877
Ion Ratio Lower Upper
106 100
91 224.0 107.1 321.3

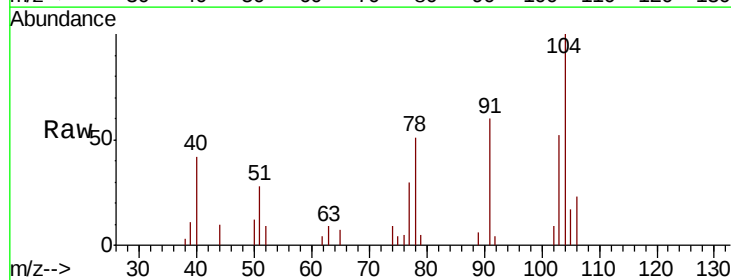


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

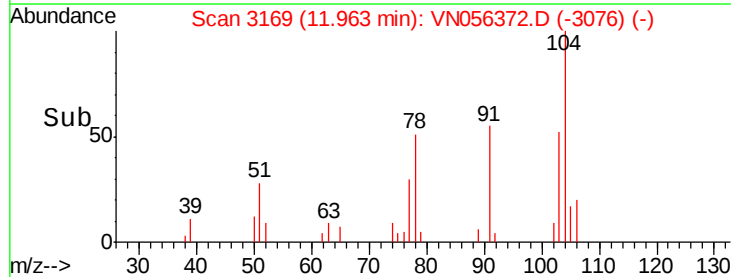
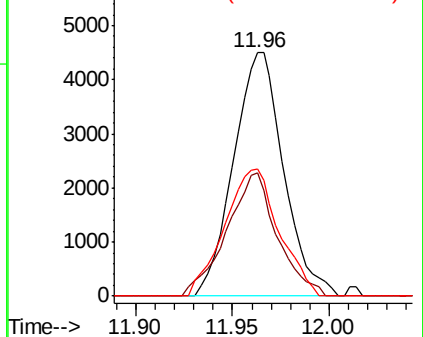


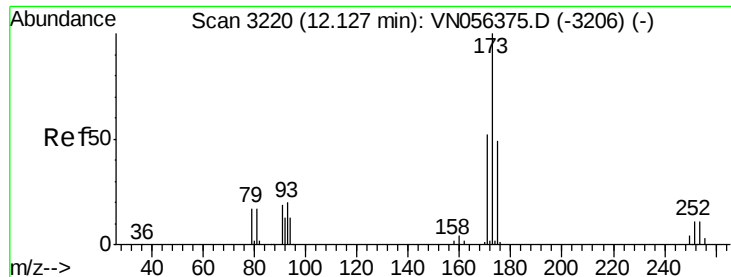
#70
Styrene
Concen: 0.840 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Tgt Ion:104 Resp: 8111
Ion Ratio Lower Upper
104 100
78 50.9 38.6 57.8
103 56.7 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V

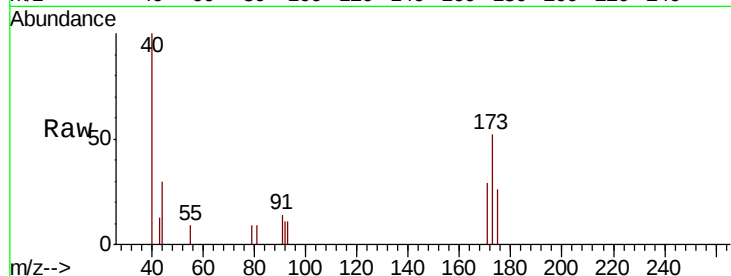




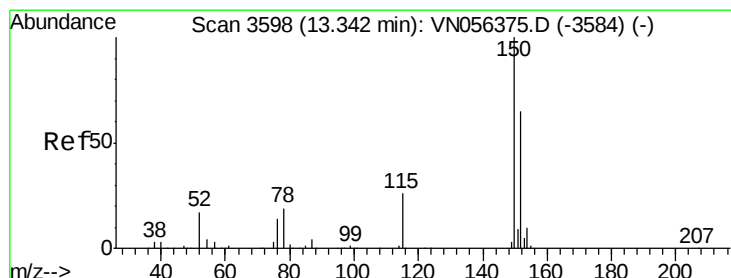
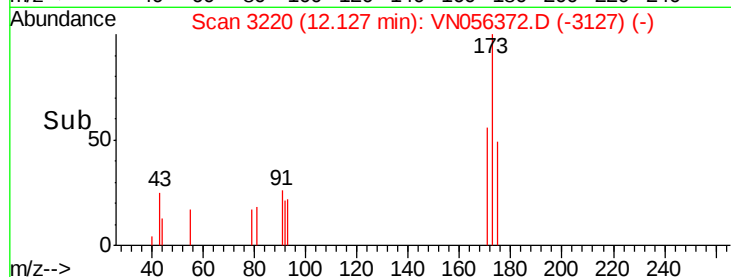
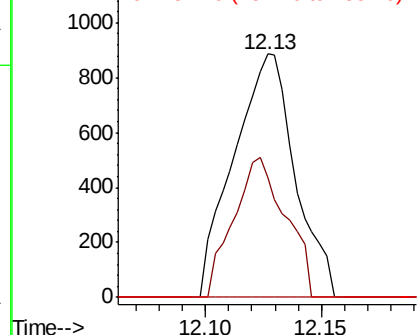
#71
Bromoform
Concen: 0.609 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:173 Resp: 1633
Ion Ratio Lower Upper
173 100
175 48.7 24.4 73.4
254 0.0 0.0 0.0

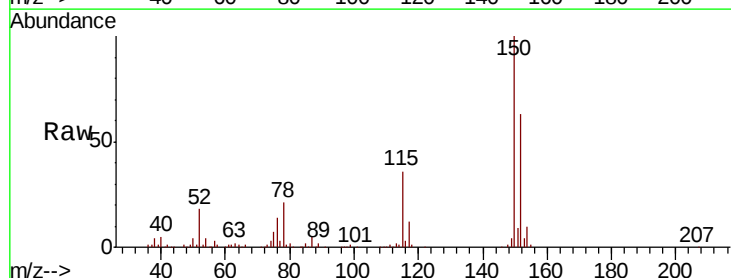


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

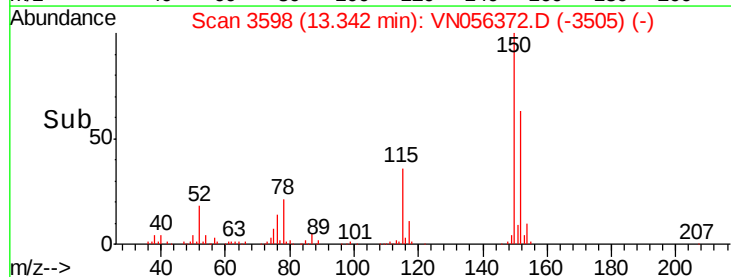
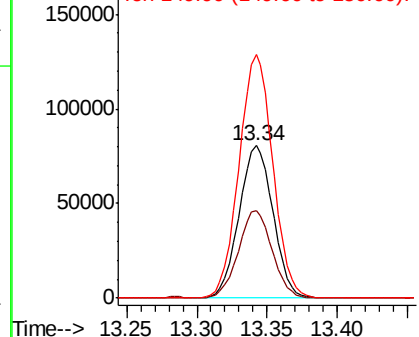


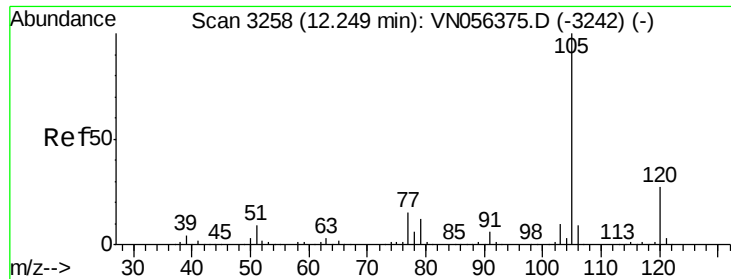
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056372.D
Acq: 19 Jun 2019 8:53

Tgt Ion:152 Resp: 136095
Ion Ratio Lower Upper
152 100
115 56.9 28.1 84.4
150 159.0 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.280 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampled :

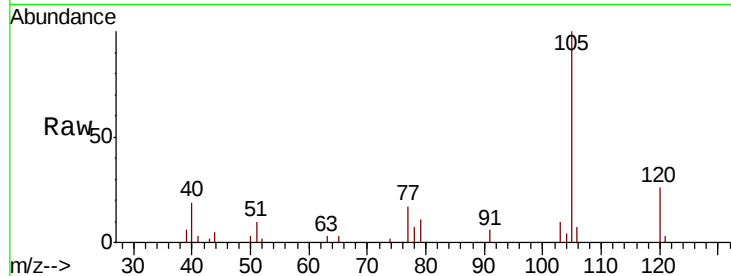
VSTDIC001

Tot Ion:105 Resp: 14868

Ion Ratio Lower Upper

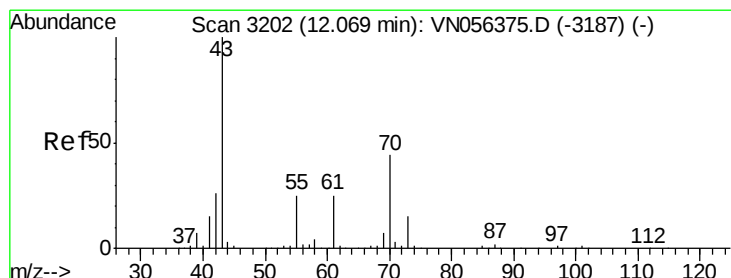
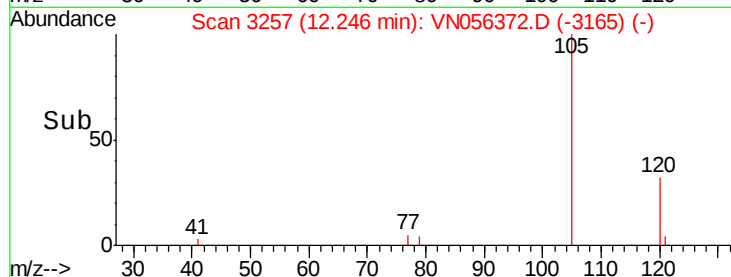
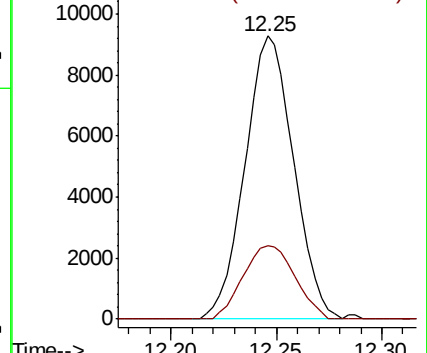
105 100

120 27.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.147 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Tgt Ion: 43 Resp: 4897

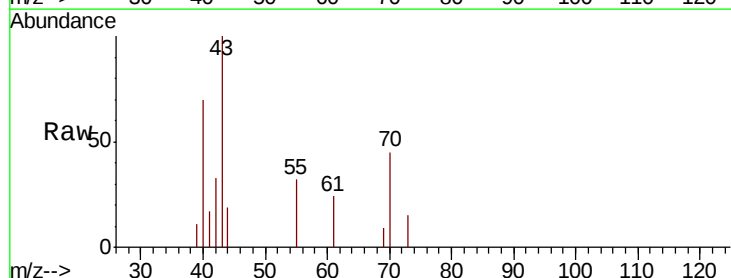
Ion Ratio Lower Upper

43 100

70 35.5 34.9 52.3

55 28.4 20.4 30.6

61 20.1 19.8 29.8

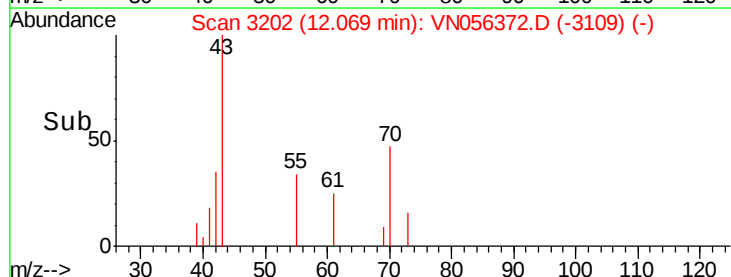
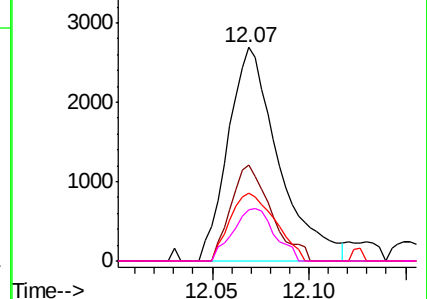


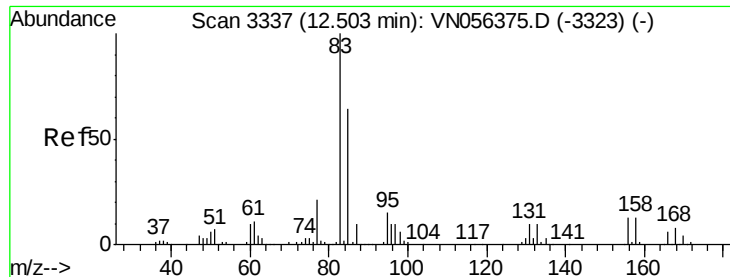
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 1.260 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

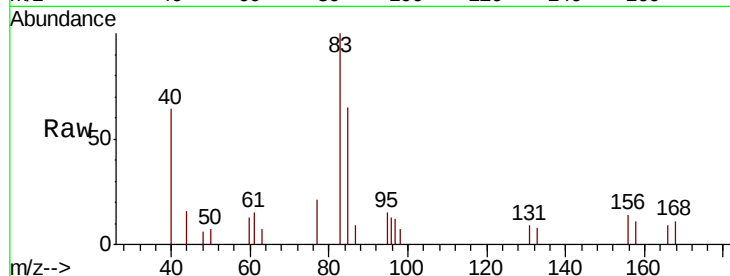
Tot Ion: 83 Resp: 4782

Ion Ratio Lower Upper

83 100

131 4.9 5.3 15.8#

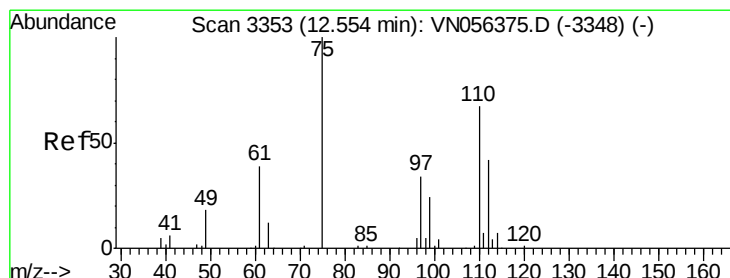
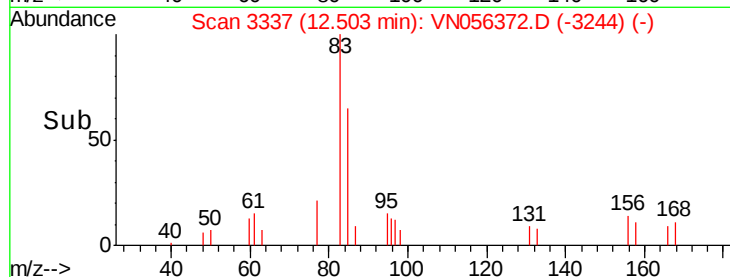
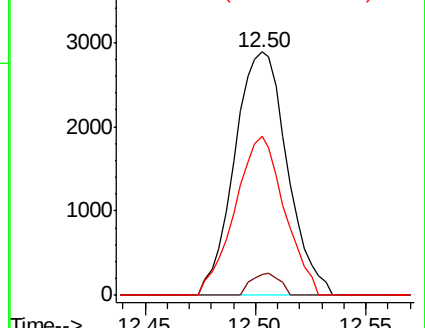
85 61.4 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 1.797 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056372.D

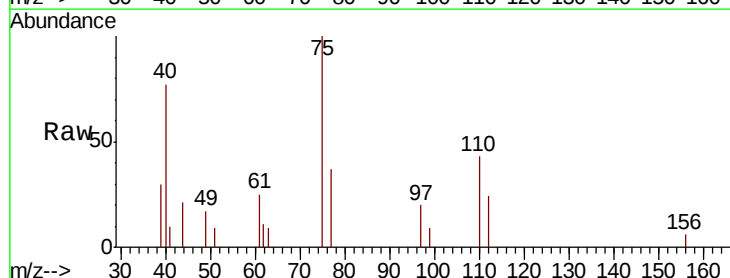
Acq: 19 Jun 2019 8:53

Tgt Ion: 75 Resp: 5183

Ion Ratio Lower Upper

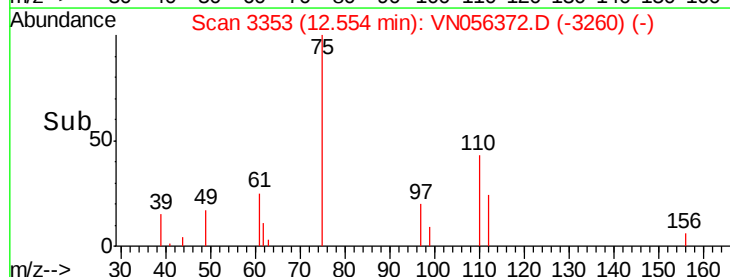
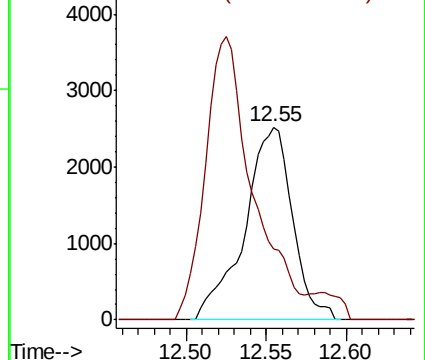
75 100

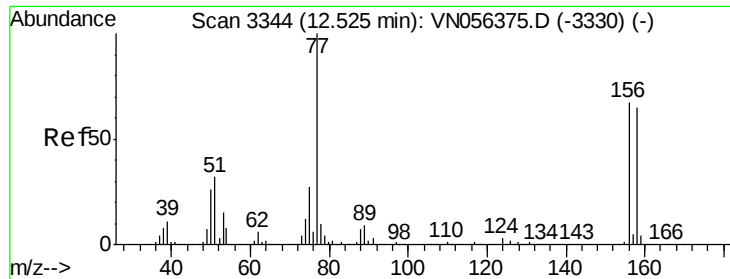
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 1.176 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

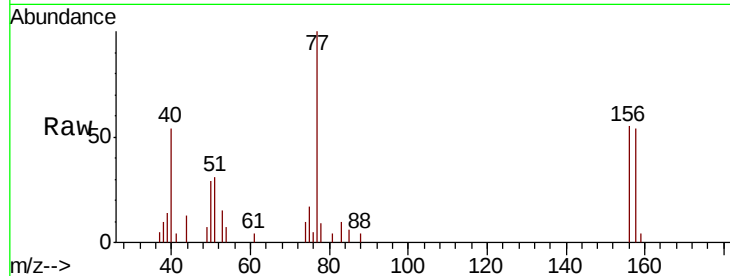
Tot Ion:156 Resp: 3597

Ion Ratio Lower Upper

156 100

77 211.9 92.5 277.3

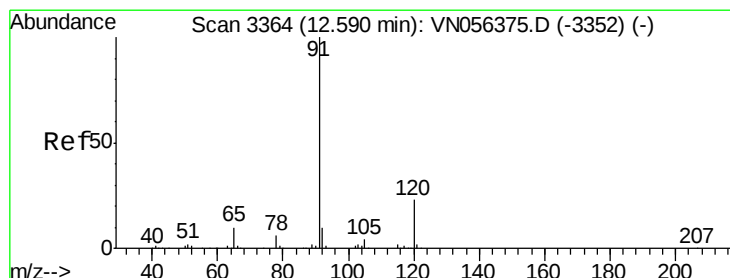
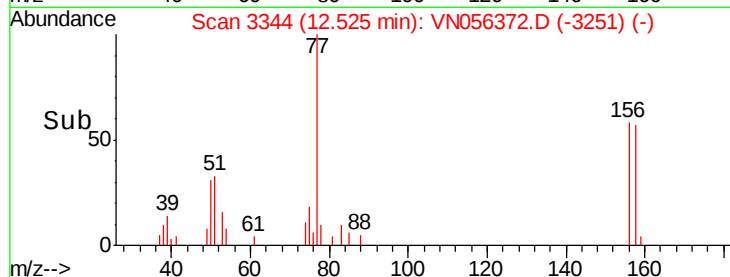
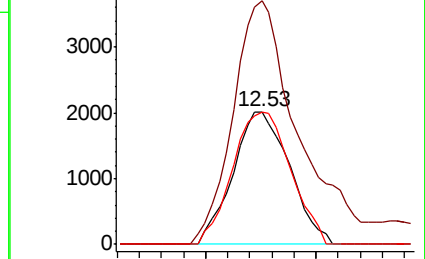
158 102.3 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 1.163 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056372.D

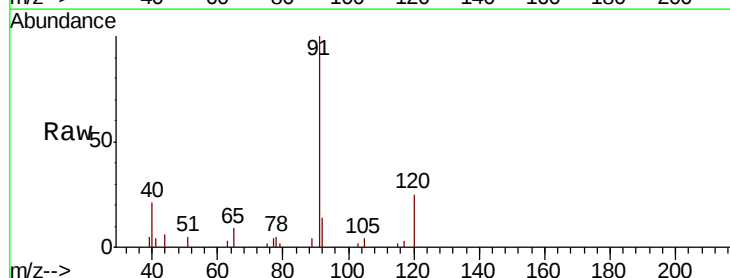
Acq: 19 Jun 2019 8:53

Tgt Ion: 91 Resp: 14130

Ion Ratio Lower Upper

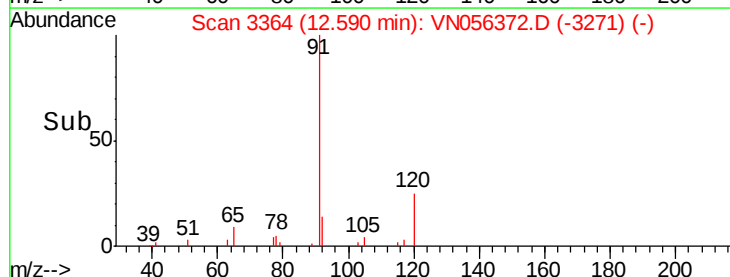
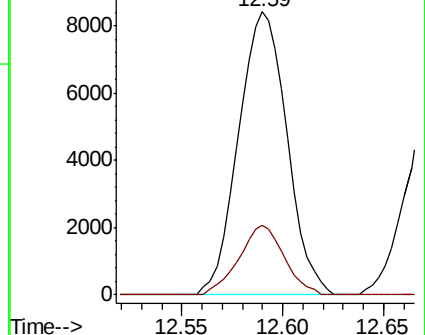
91 100

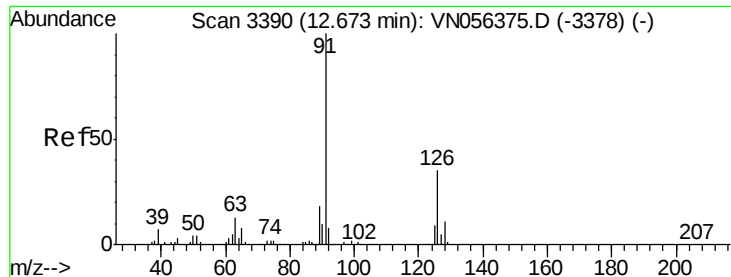
120 23.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.250 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampleId :

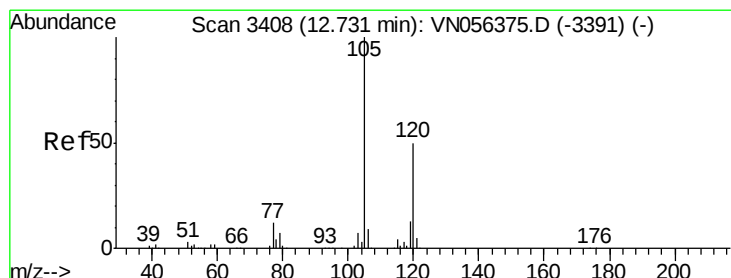
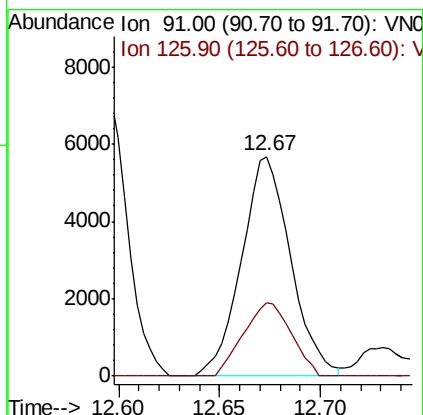
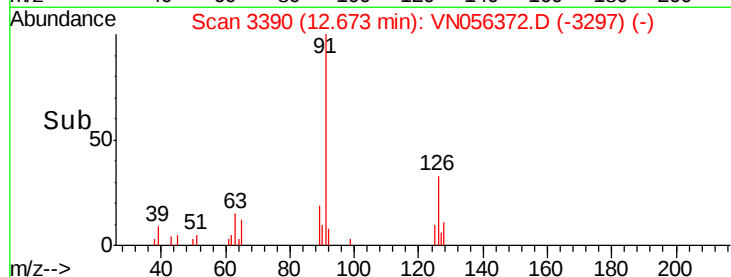
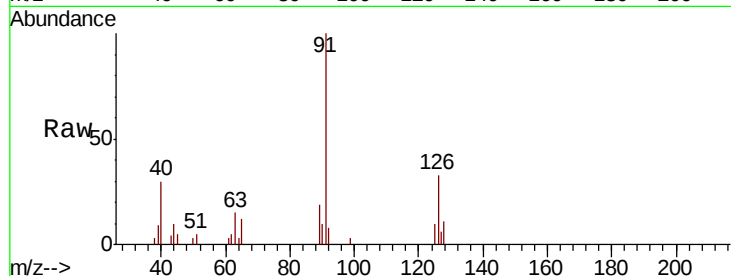
VSTDIC001

Tot Ion: 91 Resp: 9674

Ion Ratio Lower Upper

91 100

126 32.5 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 1.239 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056372.D

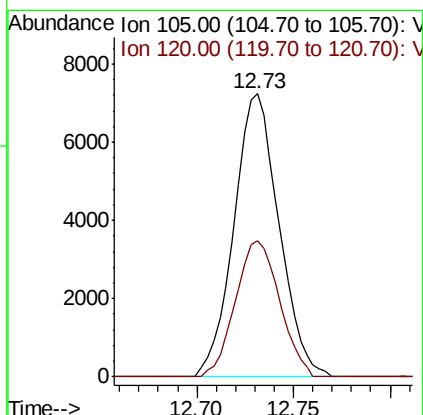
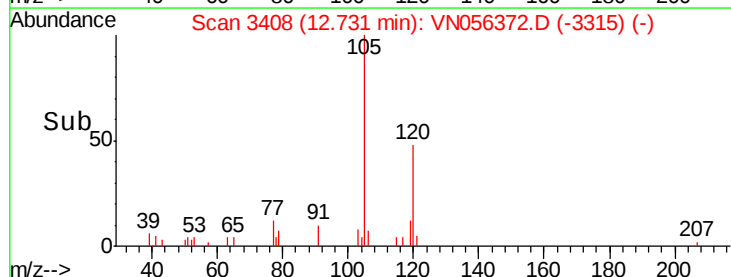
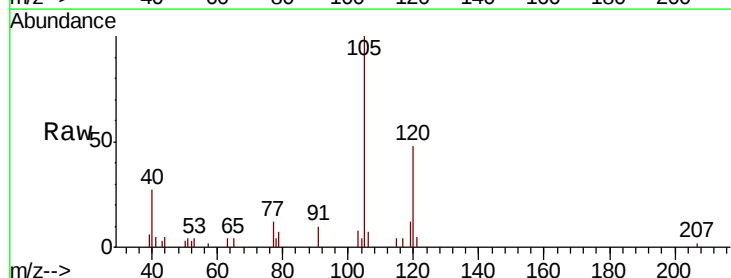
Acq: 19 Jun 2019 8:53

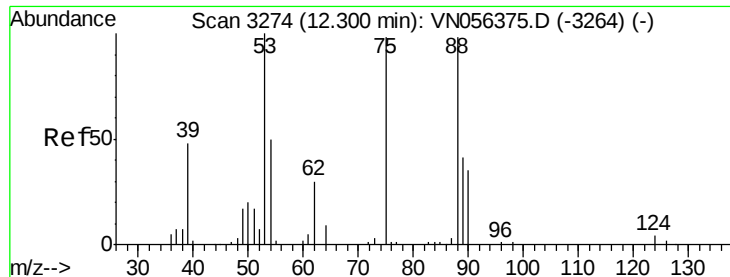
Tgt Ion: 105 Resp: 11709

Ion Ratio Lower Upper

105 100

120 47.1 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 0.726 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

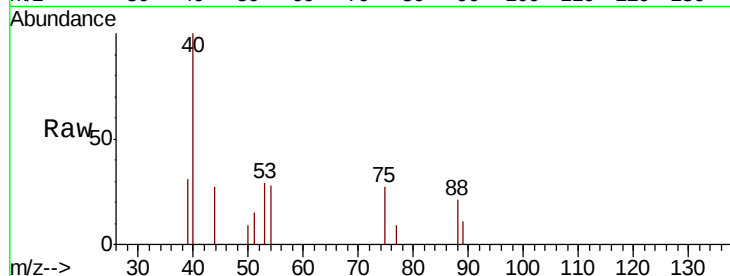
Tot Ion: 75 Resp: 657

Ion Ratio Lower Upper

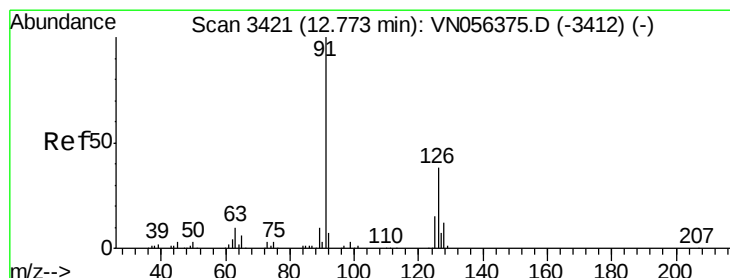
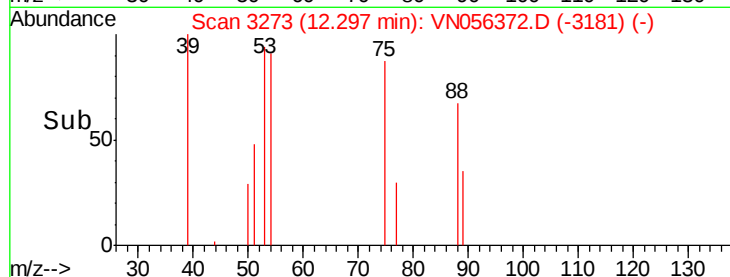
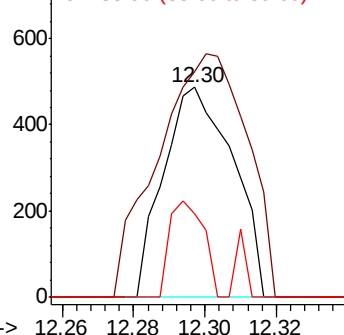
75 100

53 148.2 83.9 125.9#

89 22.5 35.0 52.6#



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 53.00 (52.70 to 53.70): VNO
Ion 88.90 (88.60 to 89.60): VNO



#82

4-Chlorotoluene

Concen: 1.193 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056372.D

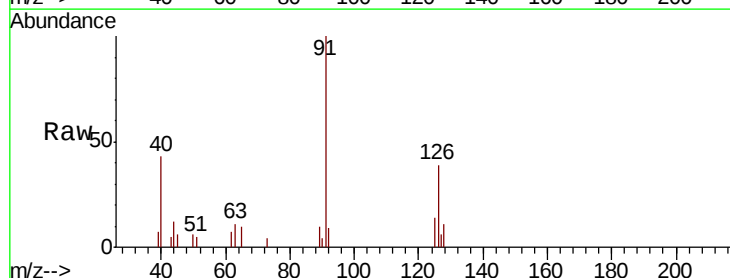
Acq: 19 Jun 2019 8:53

Tgt Ion: 91 Resp: 8521

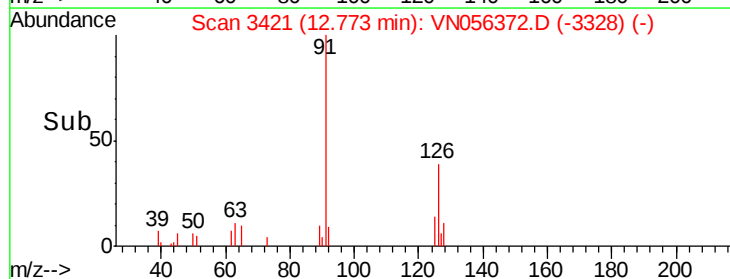
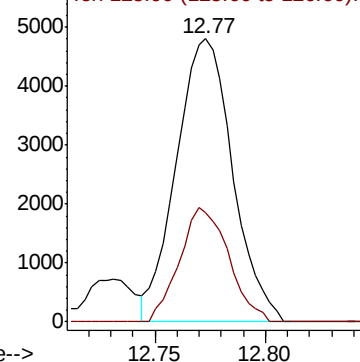
Ion Ratio Lower Upper

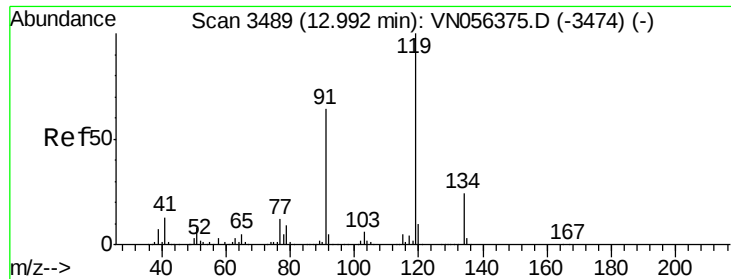
91 100

126 35.1 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VNO
Ion 125.90 (125.60 to 126.60): V

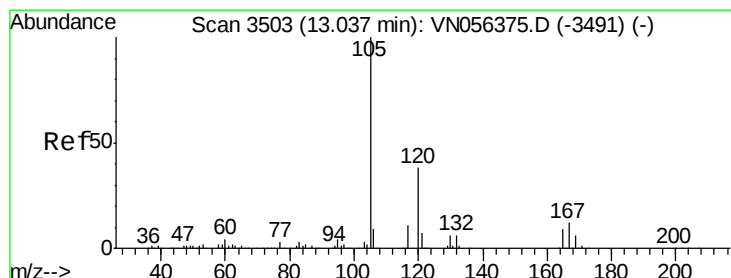
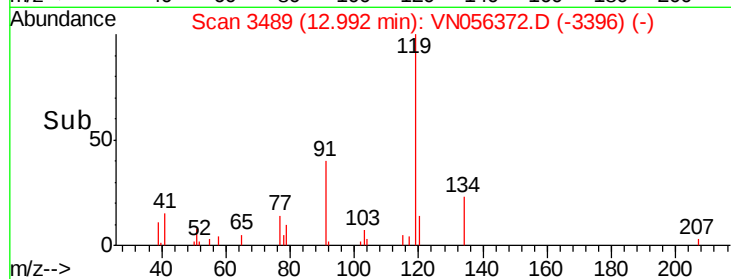
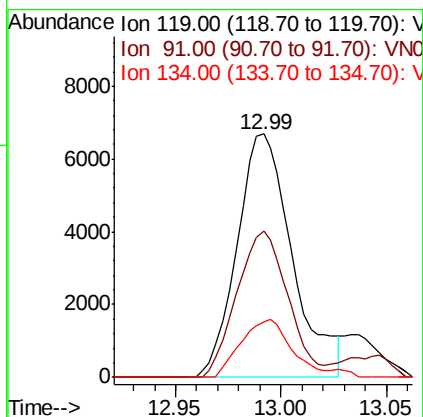
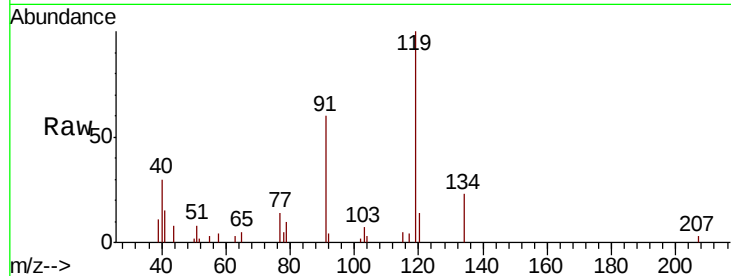




#83
 tert-Butylbenzene
 Concen: 1.437 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

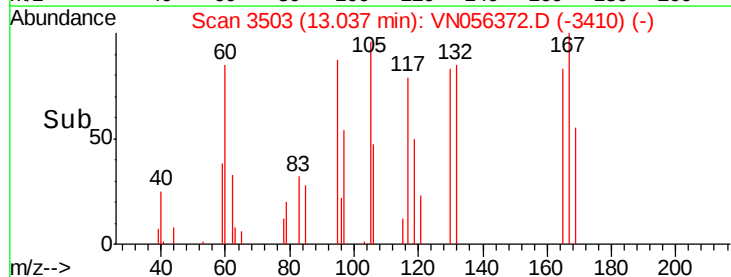
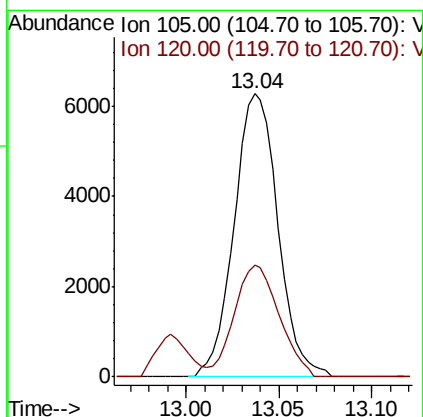
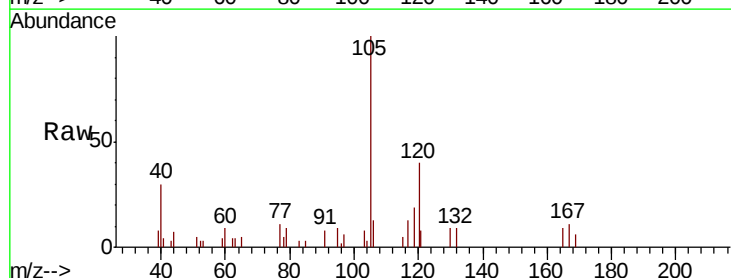
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

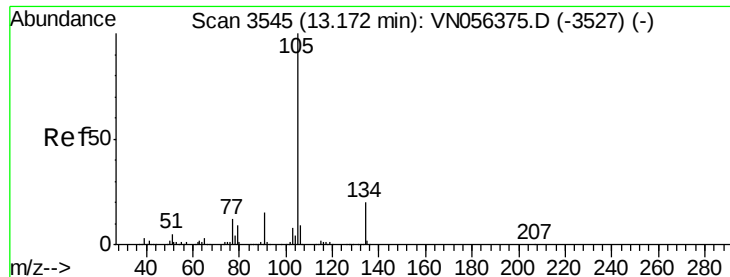
Tot Ion:119 Resp: 12192
 Ion Ratio Lower Upper
 119 100
 91 55.4 31.6 94.7
 134 21.5 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 1.165 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Tgt Ion:105 Resp: 10266
 Ion Ratio Lower Upper
 105 100
 120 40.6 22.9 68.8





#85

sec-Butylbenzene

Concen: 1.200 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampleId :

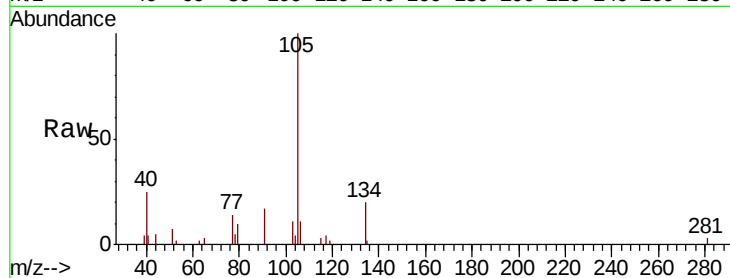
VSTDIC001

Tot Ion:105 Resp: 12805

Ion Ratio Lower Upper

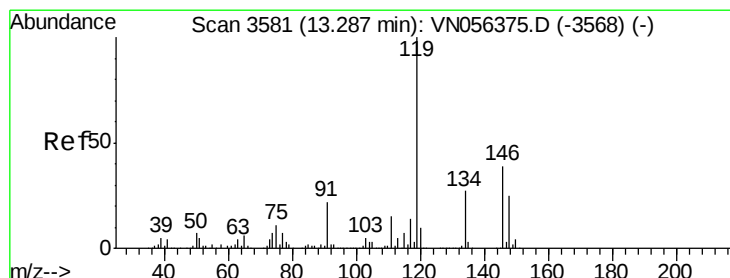
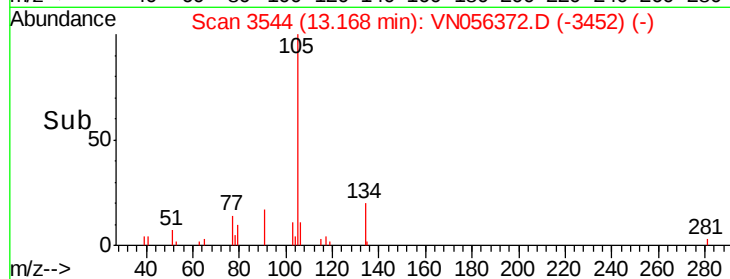
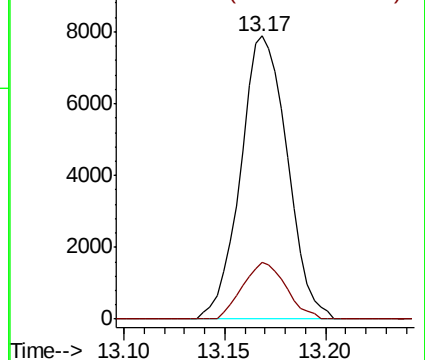
105 100

134 18.6 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.091 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

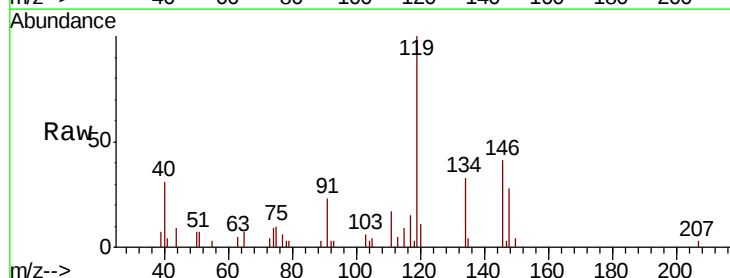
Tgt Ion:119 Resp: 9961

Ion Ratio Lower Upper

119 100

134 29.7 13.5 40.4

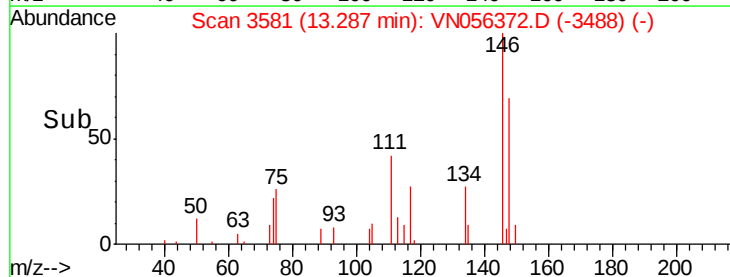
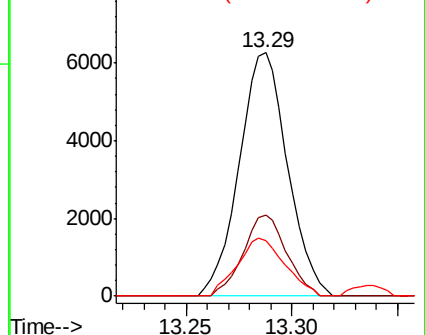
91 23.2 11.2 33.5

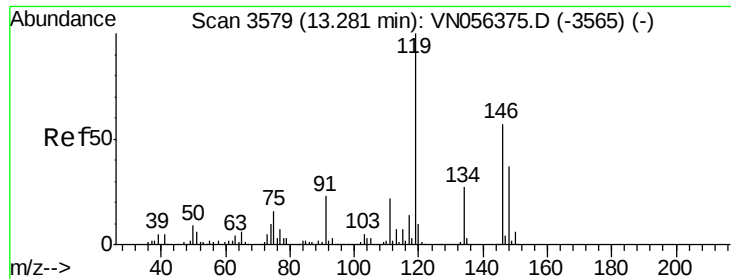


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 1.028 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

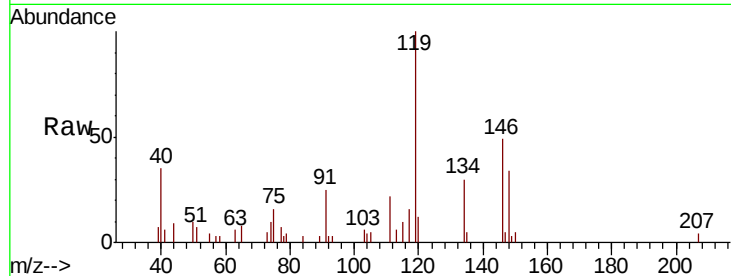
Tot Ion:146 Resp: 4740

Ion Ratio Lower Upper

146 100

111 40.5 18.9 56.9

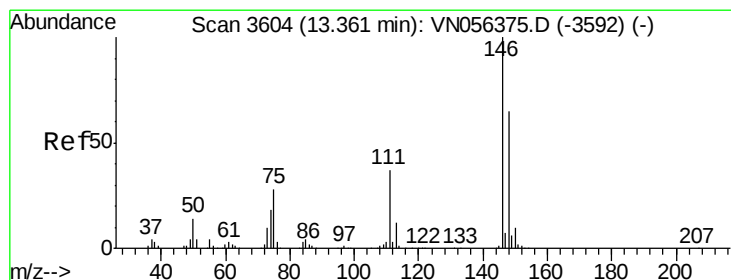
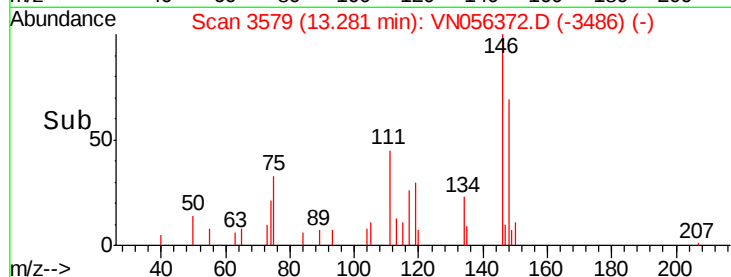
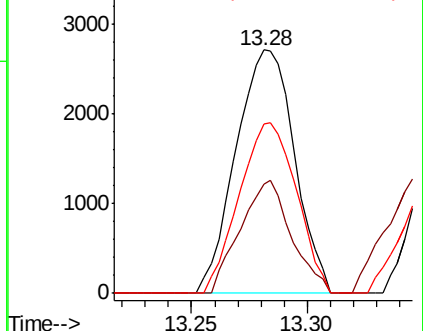
148 68.4 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 1.071 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.08 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

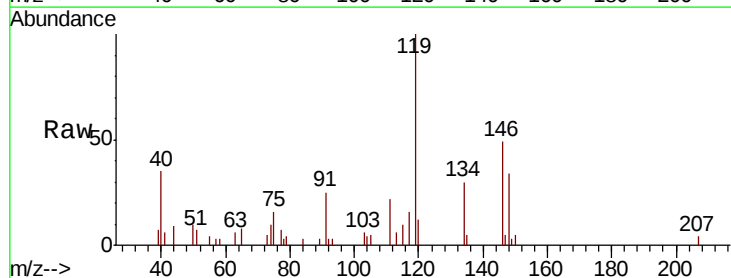
Tgt Ion:146 Resp: 4740

Ion Ratio Lower Upper

146 100

111 40.5 18.4 55.4

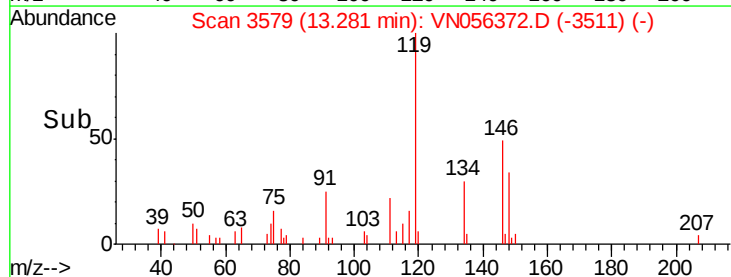
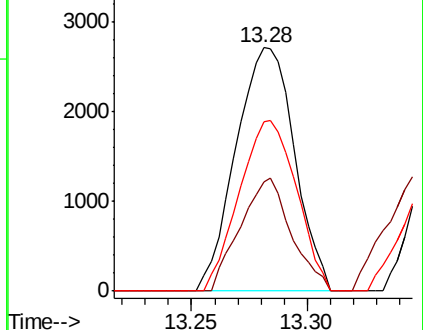
148 68.4 32.4 97.0

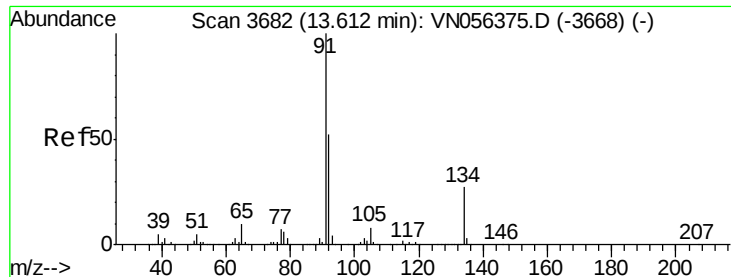


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 1.078 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

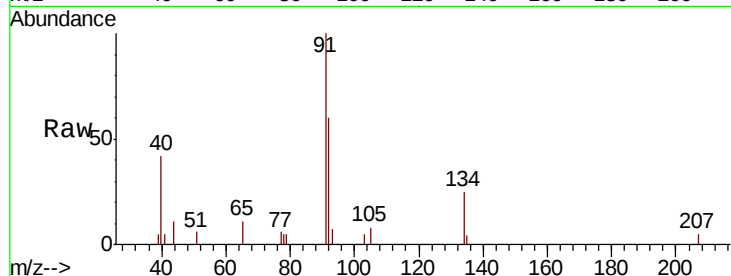
Tot Ion: 91 Resp: 7371

Ion Ratio Lower Upper

91 100

92 56.4 26.2 78.5

134 24.4 13.4 40.2

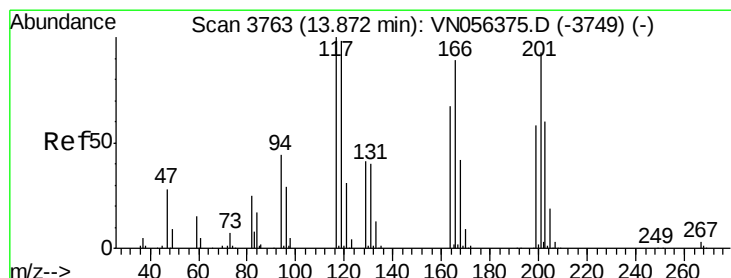
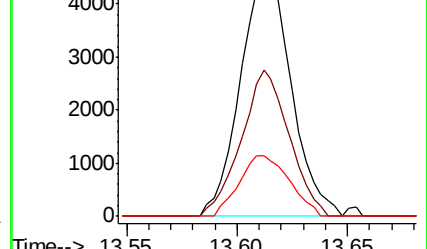
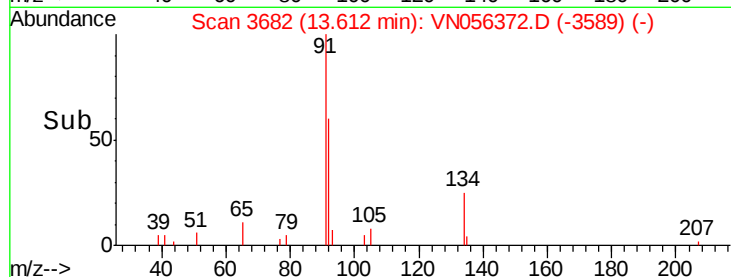


Abundance Ion 91.00 (90.70 to 91.70): VN056375.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN056375.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN056375.D (-3668) (-)

Time--> 13.55 13.60 13.65



#90

Hexachloroethane

Concen: 0.947 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. -0.00 min

Lab File: VN056372.D

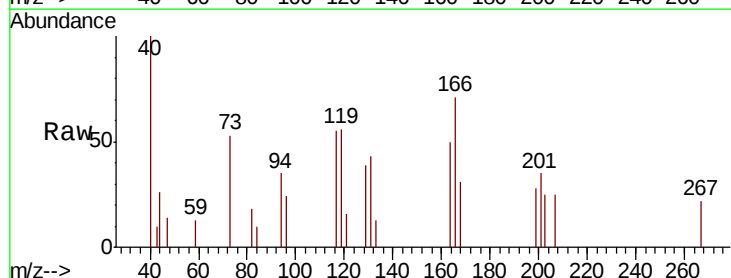
Acq: 19 Jun 2019 8:53

Tgt Ion: 117 Resp: 1655

Ion Ratio Lower Upper

117 100

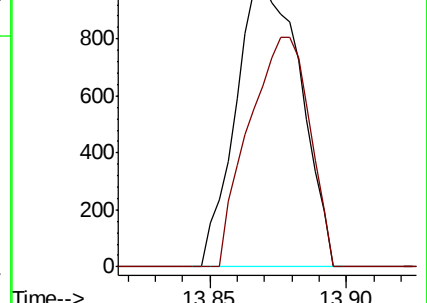
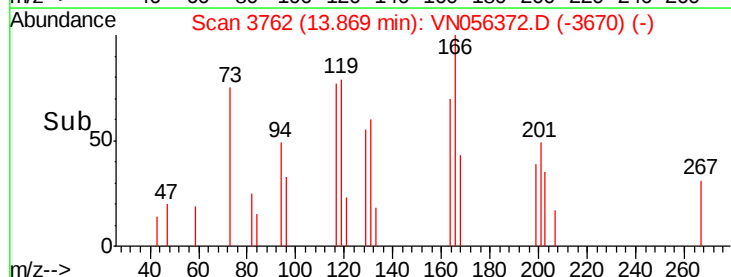
201 75.3 45.9 137.6

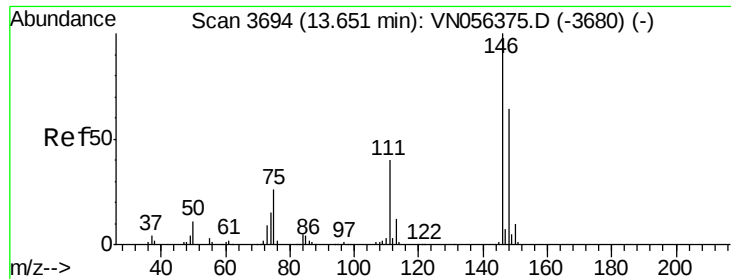


Abundance Ion 116.80 (116.50 to 117.50): VN056375.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN056375.D (-3749) (-)

Time--> 13.85 13.90





#91

1,2-Dichlorobenzene

Concen: 1.044 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

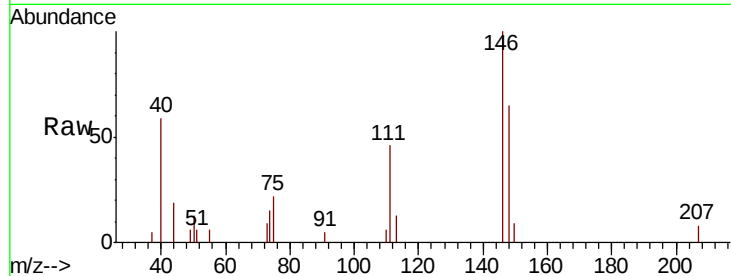
Tot Ion:146 Resp: 4725

Ion Ratio Lower Upper

146 100

111 42.9 19.3 57.9

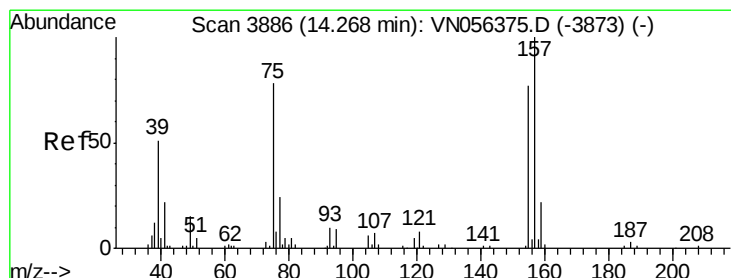
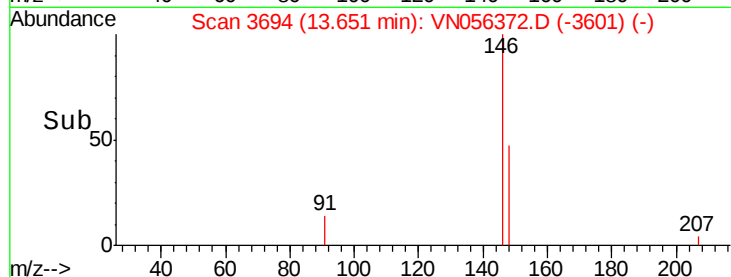
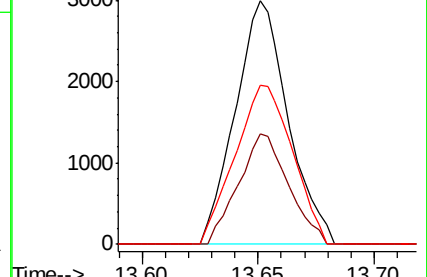
148 71.1 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.751 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

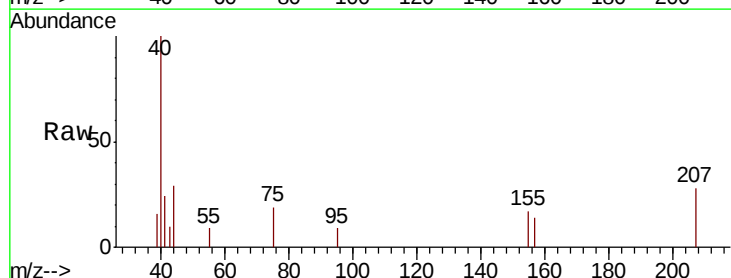
Tgt Ion: 75 Resp: 435

Ion Ratio Lower Upper

75 100

155 104.1 48.9 146.8

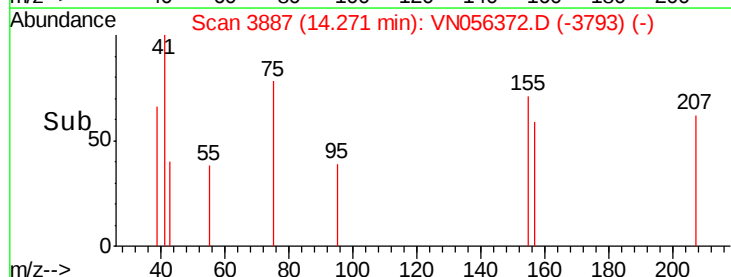
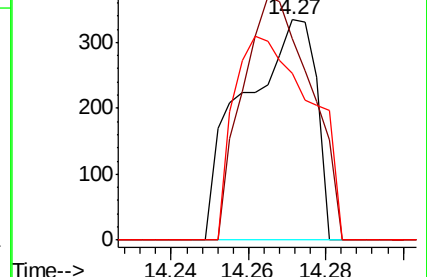
157 98.4 62.9 188.8

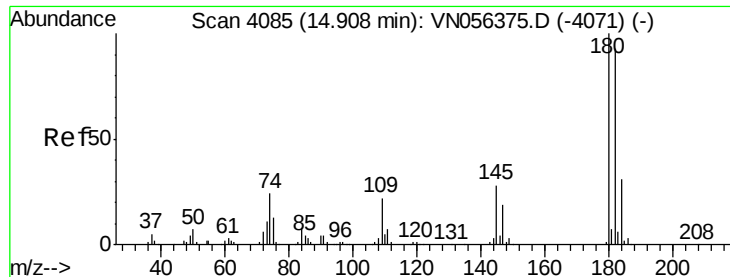


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

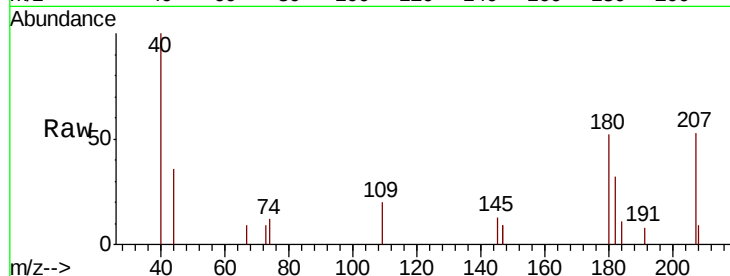




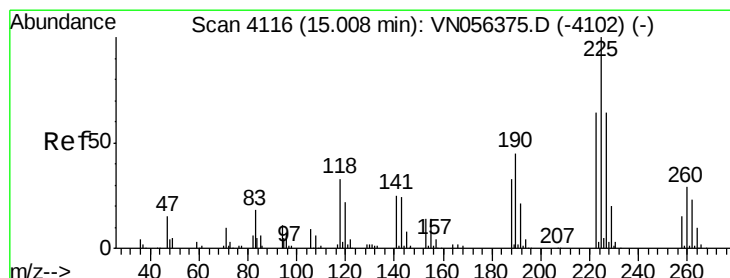
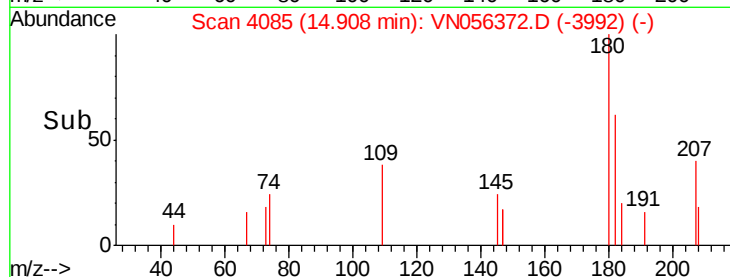
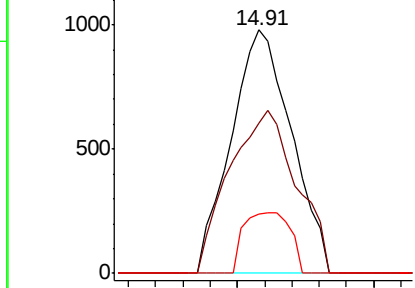
#93
 1,2,4-Trichlorobenzene
 Concen: 0.789 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion:180 Resp: 1504
 Ion Ratio Lower Upper
 180 100
 182 74.5 46.9 140.6
 145 19.1 14.4 43.0

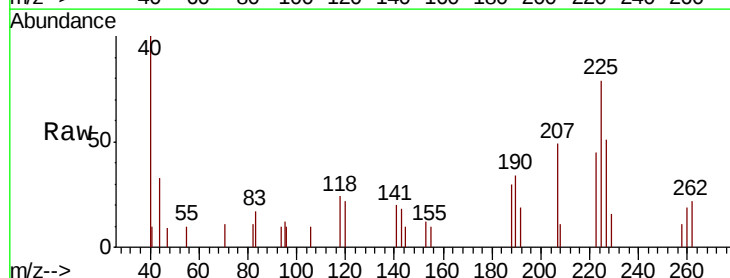


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

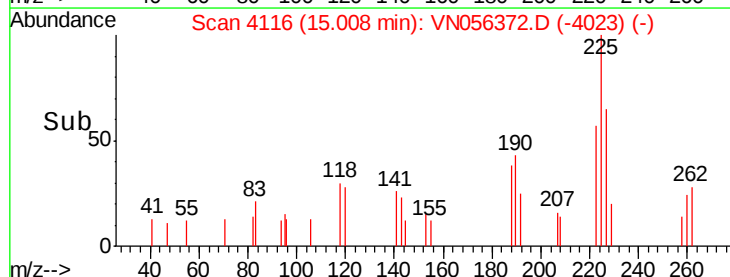
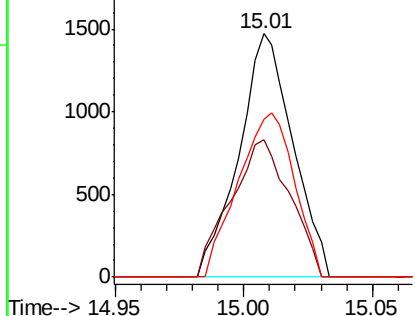


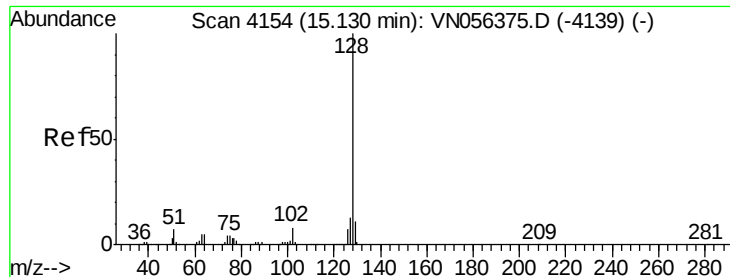
#94
 Hexachlorobutadiene
 Concen: 1.187 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056372.D
 Acq: 19 Jun 2019 8:53

Tgt Ion:225 Resp: 2147
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.4 94.3
 227 70.4 32.1 96.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 0.710 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

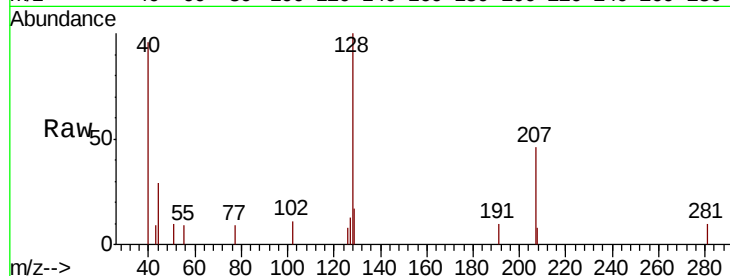
Tot Ion:128 Resp: 3647

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.2

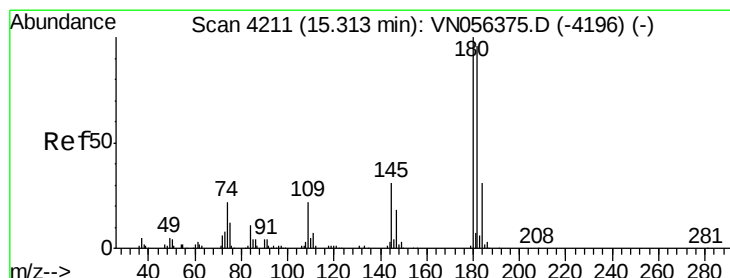
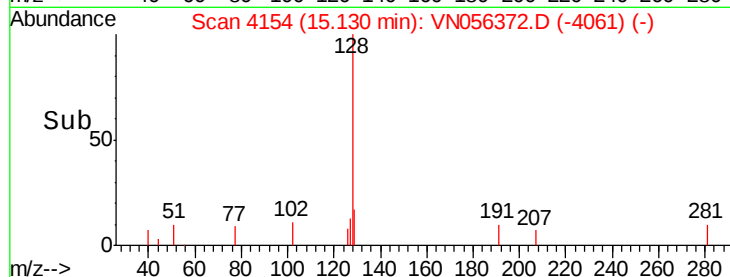
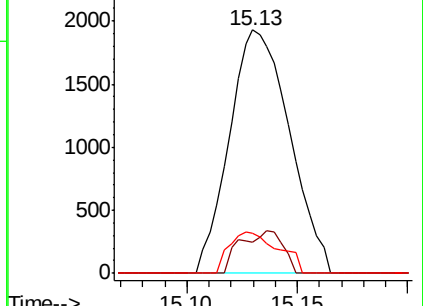
129 13.7 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.797 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056372.D

Acq: 19 Jun 2019 8:53

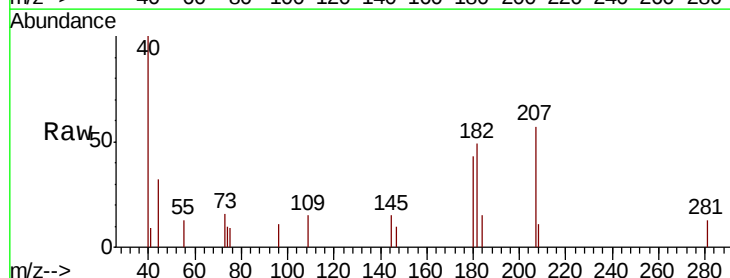
Tgt Ion:180 Resp: 1637

Ion Ratio Lower Upper

180 100

182 89.8 48.3 144.8

145 25.3 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

