

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062119\
 Data File : VN056422.D
 Acq On : 21 Jun 2019 13:42
 Operator : JC/SP
 Sample : VN0621MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621MBS01

Quant Time: Jun 24 09:18:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	367500	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	575759	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	502048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	180265	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	213508	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
35) Dibromofluoromethane	7.59	113	182496	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
50) Toluene-d8	10.09	98	702151	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.40	95	221778	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.85	85	63651	20.455	ug/l 100
3) Chloromethane	2.06	50	82000	19.353	ug/l 98
4) Vinyl Chloride	2.18	62	80891	19.766	ug/l 98
5) Bromomethane	2.53	94	52388m	21.836	ug/l
6) Chloroethane	2.68	64	47203	19.918	ug/l 100
7) Trichlorofluoromethane	3.00	101	107326	20.274	ug/l 99
8) Diethyl Ether	3.41	74	46214	20.628	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	67442	19.978	ug/l 100
10) Methyl Iodide	3.95	142	90260	19.782	ug/l 100
11) Tert butyl alcohol	4.80	59	67542	98.457	ug/l 99
12) 1,1-Dichloroethene	3.73	96	65604	20.208	ug/l 99
13) Acrolein	3.60	56	48631	84.111	ug/l 99
14) Allyl chloride	4.32	41	108423	20.063	ug/l 99
15) Acrylonitrile	4.99	53	199765	105.260	ug/l 100
16) Acetone	3.82	43	186184	91.238	ug/l 96
17) Carbon Disulfide	4.05	76	129025	17.474	ug/l 98
18) Methyl Acetate	4.33	43	88806	21.729	ug/l 100
19) Methyl tert-butyl Ether	5.05	73	223091	20.768	ug/l 98
20) Methylene Chloride	4.55	84	80597	20.425	ug/l 98
21) trans-1,2-Dichloroethene	5.04	96	70078	20.022	ug/l 97
22) Diisopropyl ether	5.95	45	238756	21.037	ug/l 98
23) Vinyl Acetate	5.90	43	952652	106.422	ug/l 100
24) 1,1-Dichloroethane	5.85	63	134375	20.626	ug/l 99
25) 2-Butanone	6.84	43	274935	101.797	ug/l 98
26) 2,2-Dichloropropane	6.82	77	84358	18.617	ug/l 97
27) cis-1,2-Dichloroethene	6.83	96	84470	20.628	ug/l 99
28) Bromochloromethane	7.19	49	67609	20.981	ug/l 98
29) Tetrahydrofuran	7.21	42	179442	108.721	ug/l 99
30) Chloroform	7.37	83	132710	20.644	ug/l 99
31) Cyclohexane	7.65	56	124510	19.796	ug/l 96
32) 1,1,1-Trichloroethane	7.57	97	104706	20.548	ug/l 98
36) 1,1-Dichloropropene	7.79	75	95417	18.828	ug/l 99
37) Ethyl Acetate	6.93	43	106858	21.456	ug/l 99
38) Carbon Tetrachloride	7.77	117	85961	19.397	ug/l 93

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	116347	18.606	ug/l	98
40) Benzene	8.04	78	310321	19.907	ug/l	98
41) Methacrylonitrile	7.18	41	45051	20.485	ug/l	93
42) 1,2-Dichloroethane	8.13	62	101968	19.821	ug/l	100
43) Isopropyl Acetate	8.17	43	159468	20.766	ug/l	99
44) Trichloroethene	8.83	130	83445	19.872	ug/l	96
45) 1,2-Dichloropropane	9.12	63	83616	20.057	ug/l	99
46) Dibromomethane	9.21	93	52797	20.243	ug/l	99
47) Bromodichloromethane	9.40	83	91568	19.795	ug/l	100
48) Methyl methacrylate	9.20	41	78007	20.270	ug/l	98
49) 1,4-Dioxane	9.21	88	32727	409.800	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	515071	103.917	ug/l	99
52) Toluene	10.16	92	190755	20.016	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	91693	18.926	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	110986	19.924	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	79484	20.749	ug/l	98
56) Ethyl methacrylate	10.43	69	114639	20.477	ug/l	99
57) 1,3-Dichloropropane	10.71	76	132491	20.588	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	241158	119.905	ug/l	99
59) 2-Hexanone	10.75	43	362582	99.531	ug/l	99
60) Dibromochloromethane	10.90	129	67971	18.822	ug/l	99
61) 1,2-Dibromoethane	11.01	107	79549	20.332	ug/l	99
64) Tetrachloroethene	10.63	164	84351	21.216	ug/l	98
65) Chlorobenzene	11.43	112	201575	19.982	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	70978	20.818	ug/l	99
67) Ethyl Benzene	11.51	91	353050	19.932	ug/l	100
68) m/p-Xylenes	11.62	106	260021	40.056	ug/l	100
69) o-Xylene	11.95	106	127696	19.884	ug/l	100
70) Styrene	11.96	104	206319	20.099	ug/l	100
71) Bromoform	12.13	173	46101	18.850	ug/l #	97
73) Isopropylbenzene	12.25	105	342832	23.919	ug/l	99
74) N-amyl acetate	12.07	43	122179	21.296	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	106396	23.770	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	93450m	25.001	ug/l	
77) Bromobenzene	12.53	156	85901	21.312	ug/l	99
78) n-propylbenzene	12.59	91	347967	21.079	ug/l	100
79) 2-Chlorotoluene	12.67	91	218053	22.708	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	270674	22.622	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	21296	20.249	ug/l	94
82) 4-Chlorotoluene	12.77	91	198220	20.337	ug/l	100
83) tert-Butylbenzene	12.99	119	242966	23.093	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	253075	20.854	ug/l	100
85) sec-Butylbenzene	13.17	105	304642	20.996	ug/l	100
86) p-Isopropyltoluene	13.29	119	258681	20.774	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	123977	20.296	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	117816	19.915	ug/l	99
89) n-Butylbenzene	13.61	91	175895	18.659	ug/l	99
90) Hexachloroethane	13.87	117	38996	20.087	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	127334	21.011	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13293	19.929	ug/l	98

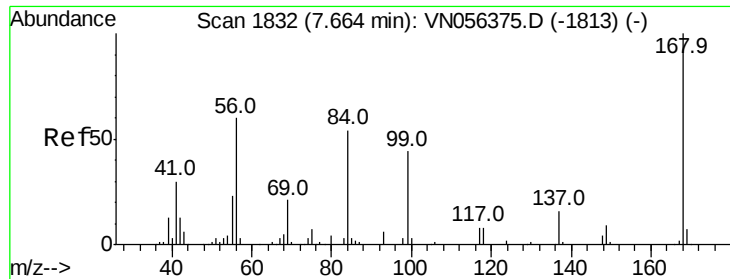
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062119\
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Acq On : 21 Jun 2019 13:42
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	41868	17.391	ug/l	97
94) Hexachlorobutadiene	15.01	225	45239	20.935	ug/l	98
95) Naphthalene	15.13	128	122769	18.568	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	50537	18.550	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

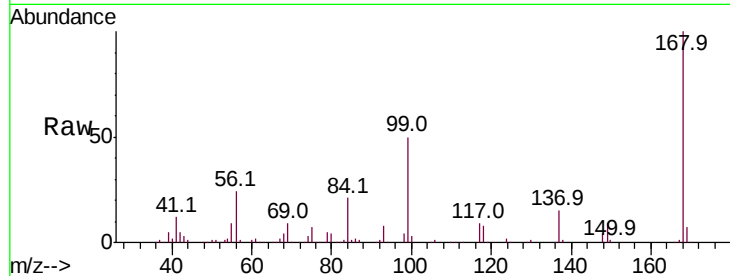
VN0621MBS01

Tot Ion:168 Resp: 367500

Ion Ratio Lower Upper

168 100

99 48.9 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN056375.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN056375.D (-1813) (-)

7.67

150000

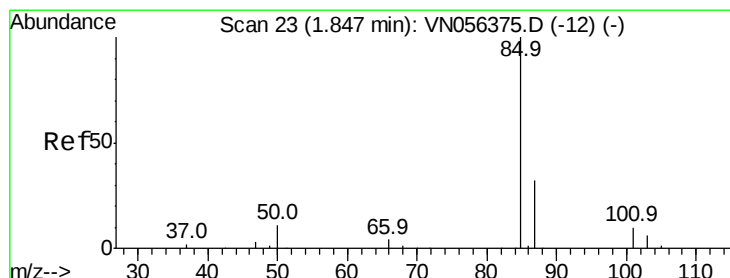
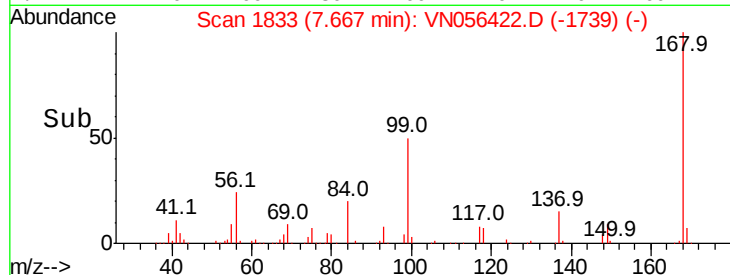
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.455 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN056422.D

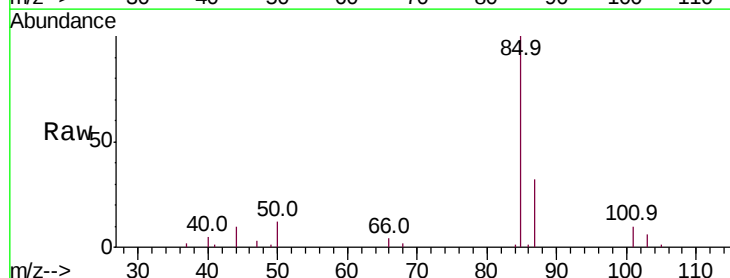
Acq: 21 Jun 2019 13:42

Tgt Ion: 85 Resp: 63651

Ion Ratio Lower Upper

85 100

87 32.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN056375.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN056375.D (-12) (-)

1.85

40000

30000

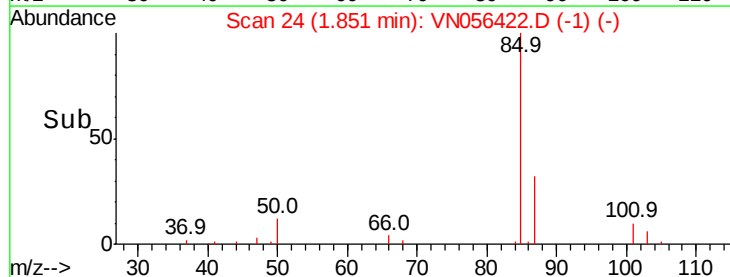
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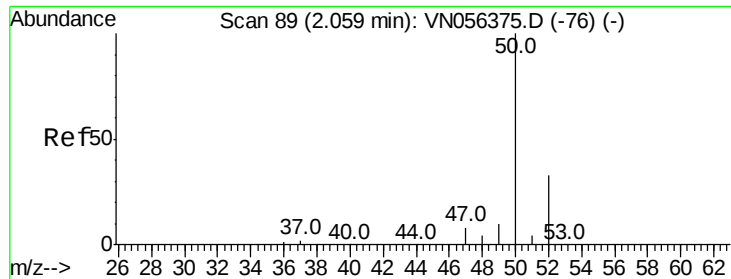
10000

0

1.80 1.90

Time-->





#3

Chloromethane

Concen: 19.353 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

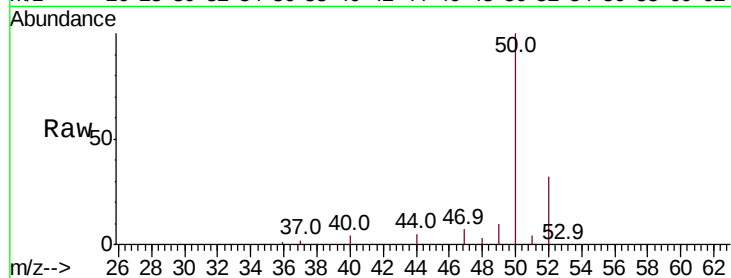
VN0621MBS01

Tot Ion: 50 Resp: 82000

Ion Ratio Lower Upper

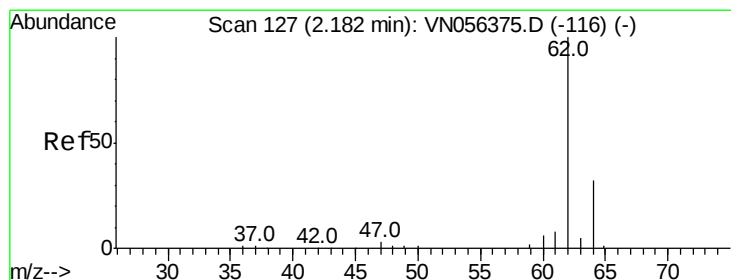
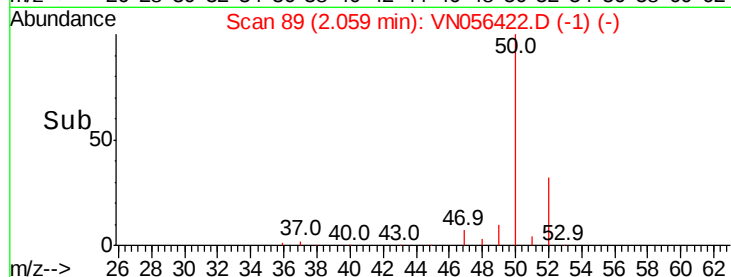
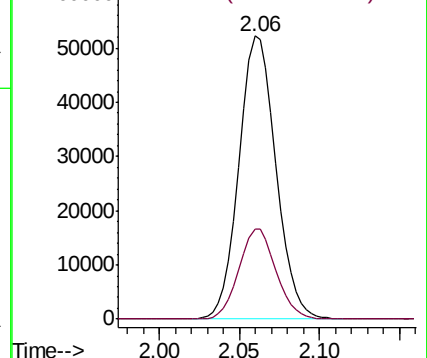
50 100

52 32.0 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 19.766 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056422.D

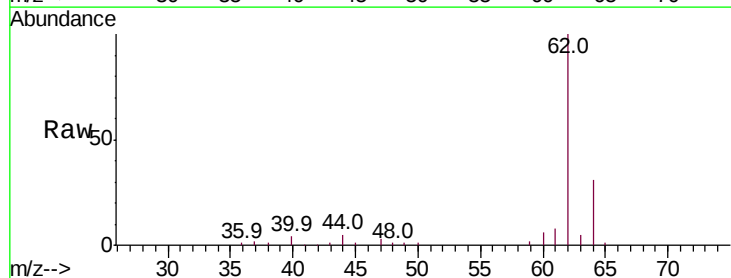
Acq: 21 Jun 2019 13:42

Tgt Ion: 62 Resp: 80891

Ion Ratio Lower Upper

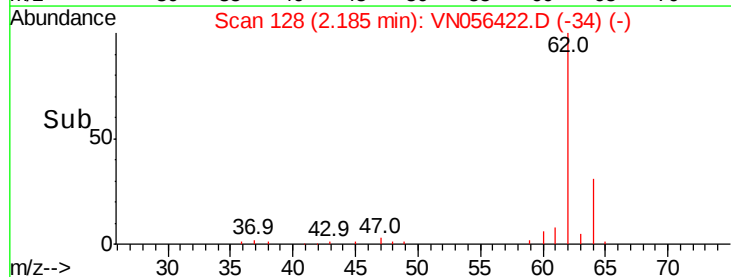
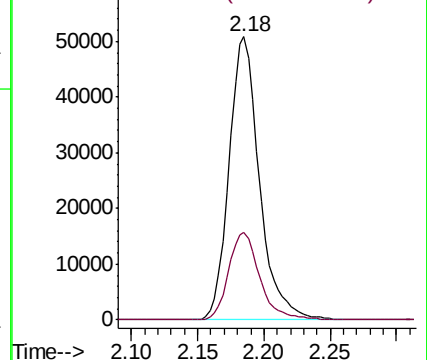
62 100

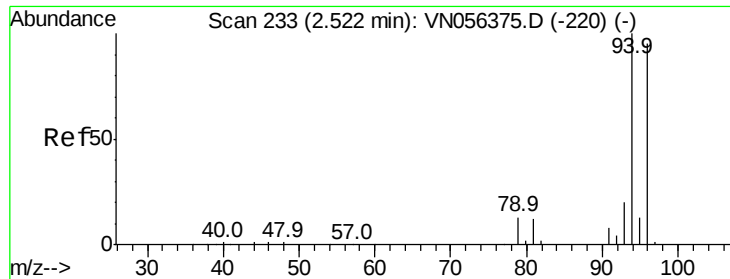
64 31.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

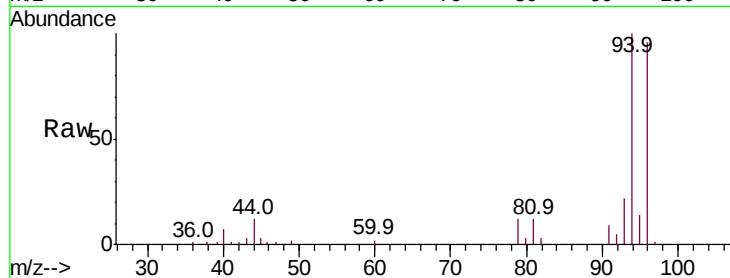




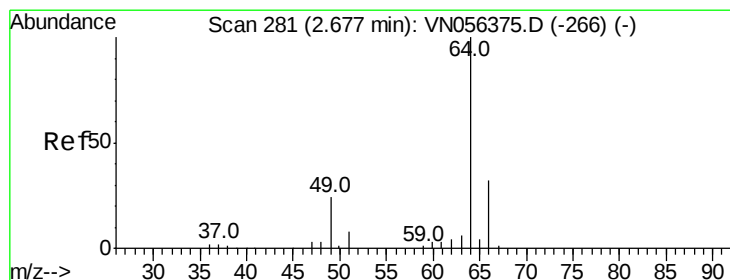
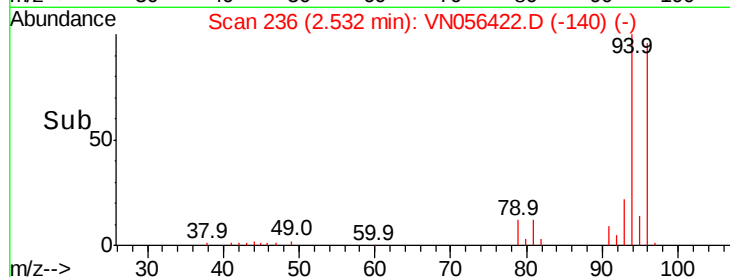
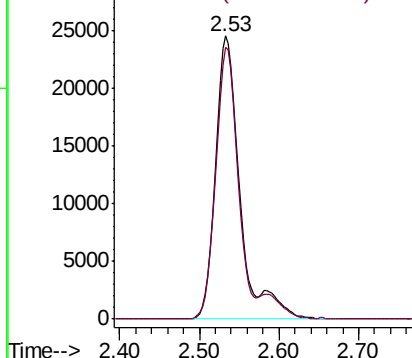
#5
Bromomethane
Concen: 21.836 ug/l m
RT: 2.53 min Scan# 236
Delta R.T. 0.01 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

Instrument :
MSVOA_N
ClientSampled :
VN0621MBS01

Tot Ion: 94 Resp: 52388
Ion Ratio Lower Upper
94 100
96 95.9 76.0 114.0

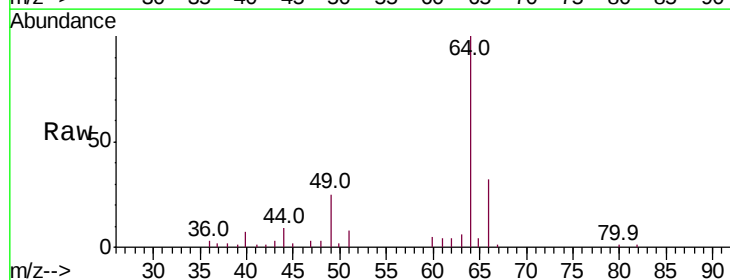


Abundance Ion 93.90 (93.60 to 94.60): VN0
Ion 95.90 (95.60 to 96.60): VN0

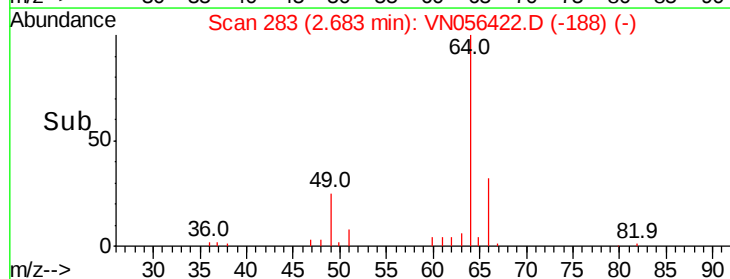
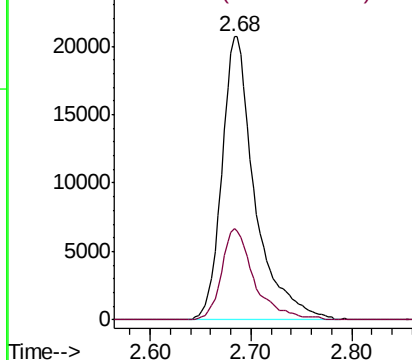


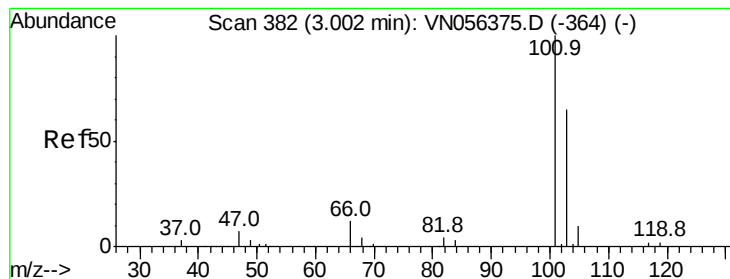
#6
Chloroethane
Concen: 19.918 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.01 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

Tgt Ion: 64 Resp: 47203
Ion Ratio Lower Upper
64 100
66 32.2 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0
Ion 65.90 (65.60 to 66.60): VN0



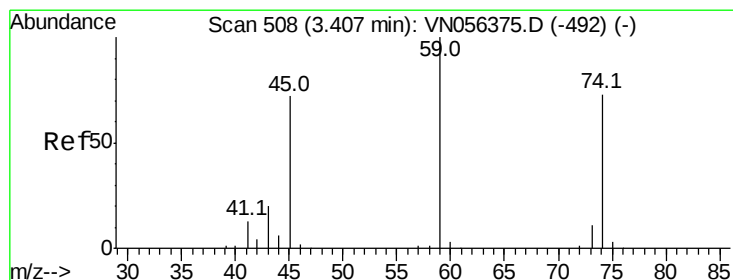
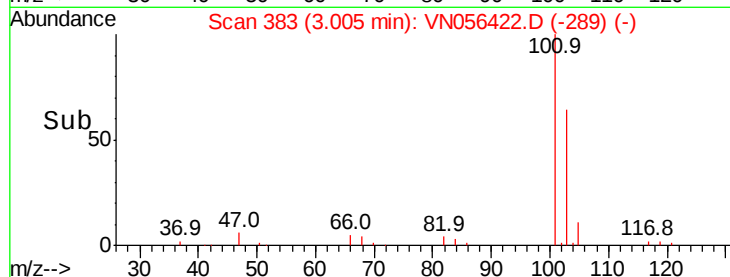
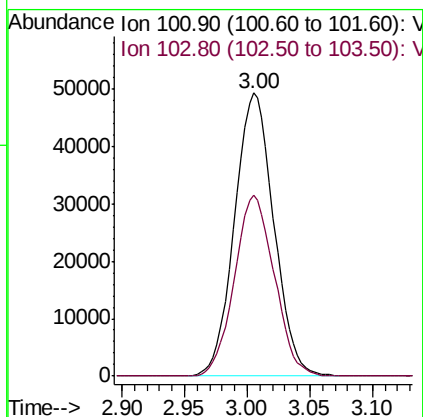
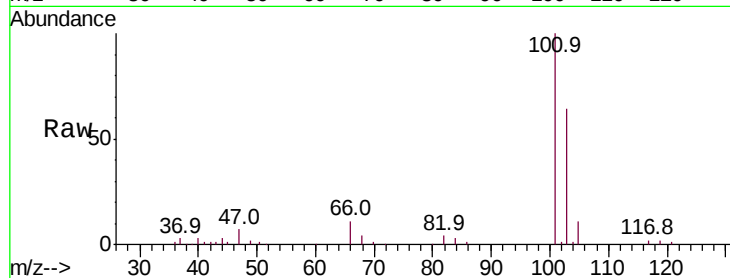


#7

Trichlorofluoromethane
 Concen: 20.274 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN056422.D
 Acq: 21 Jun 2019 13:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621MBS01

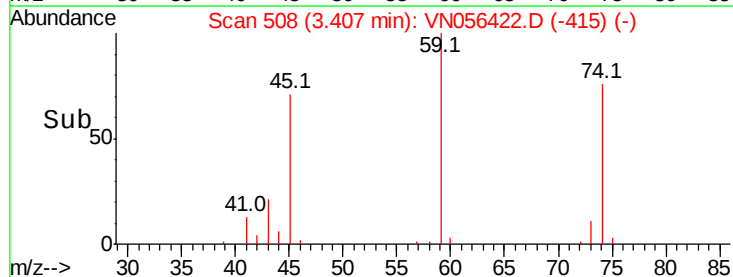
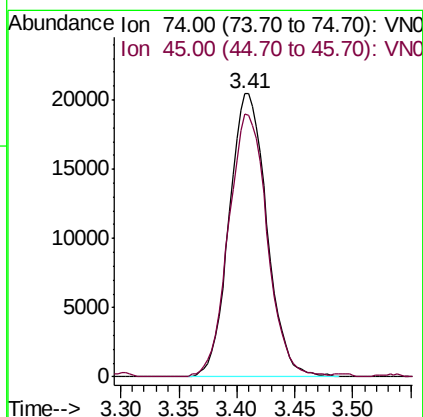
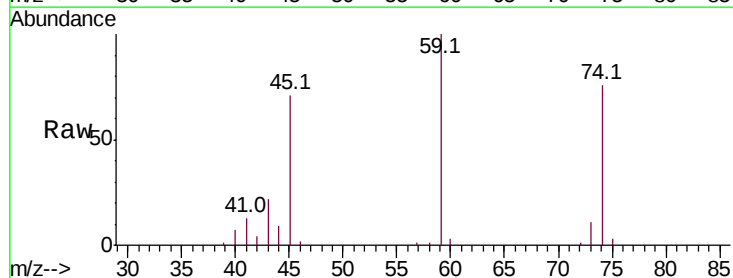
Tot Ion:101 Resp: 107326
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.7 77.5

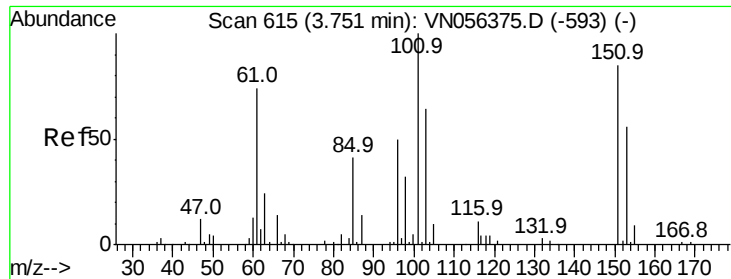


#8

Diethyl Ether
 Concen: 20.628 ug/l
 RT: 3.41 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN056422.D
 Acq: 21 Jun 2019 13:42

Tgt Ion: 74 Resp: 46214
 Ion Ratio Lower Upper
 74 100
 45 95.6 48.9 146.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.978 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

VN0621MBS01

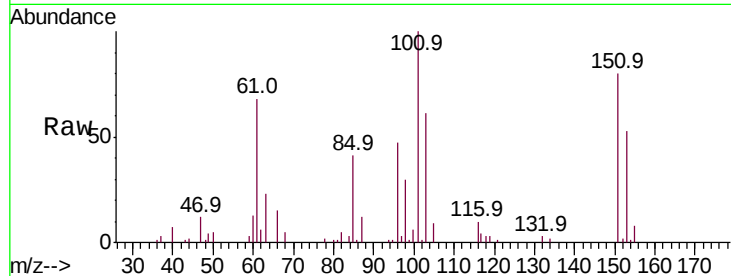
Tot Ion:101 Resp: 67442

Ion Ratio Lower Upper

101 100

85 41.1 32.7 49.1

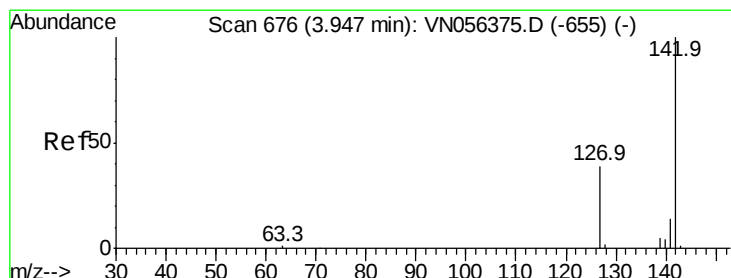
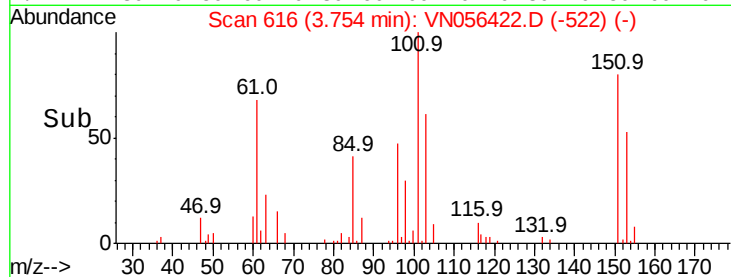
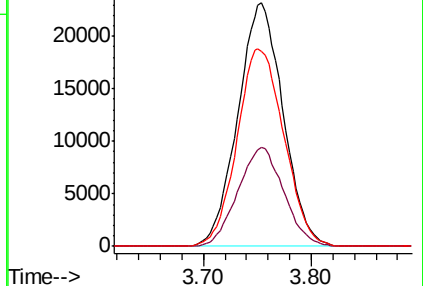
151 84.0 66.8 100.2



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: 19.782 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

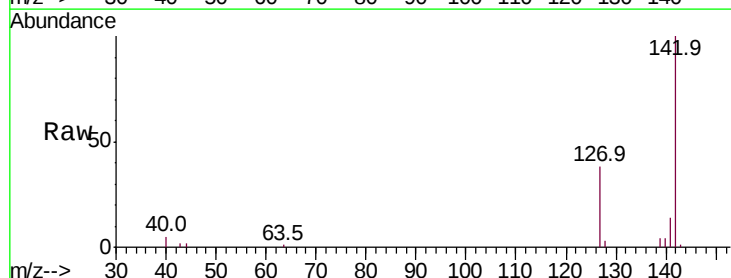
Tgt Ion:142 Resp: 90260

Ion Ratio Lower Upper

142 100

127 38.5 30.6 46.0

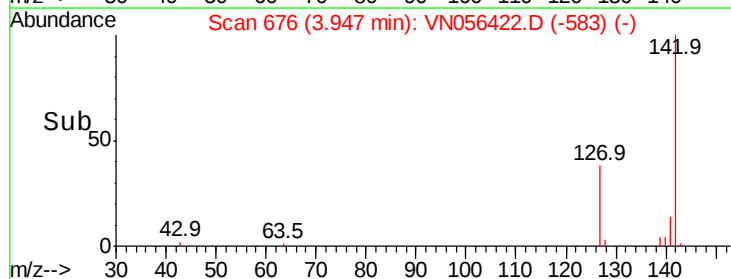
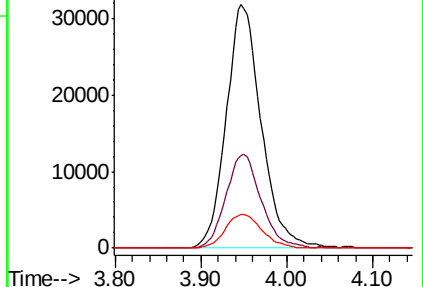
141 14.6 11.4 17.2

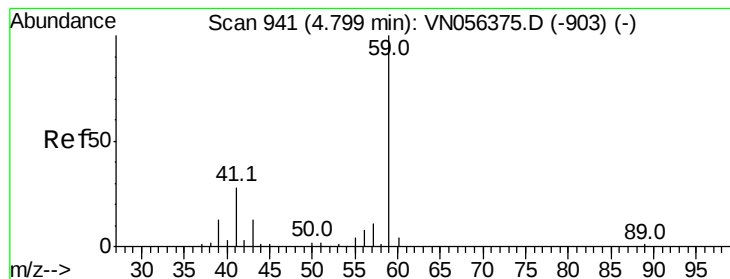


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 98.457 ug/l

RT: 4.80 min Scan# 941

Delta R.T. 0.00 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

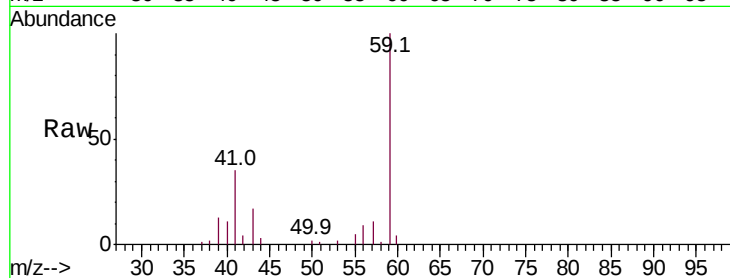
VN0621MBS01

Tot Ion: 59 Resp: 67542

Ion Ratio Lower Upper

59 100

57 9.9 7.6 11.4



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

20000

15000

10000

5000

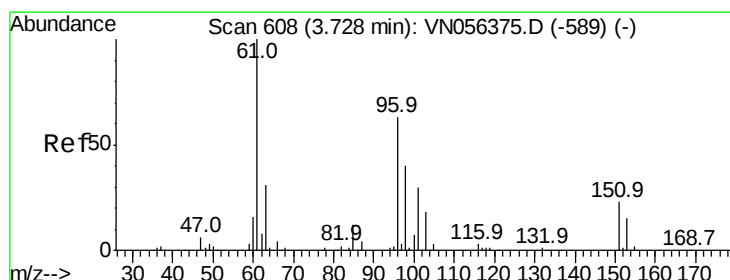
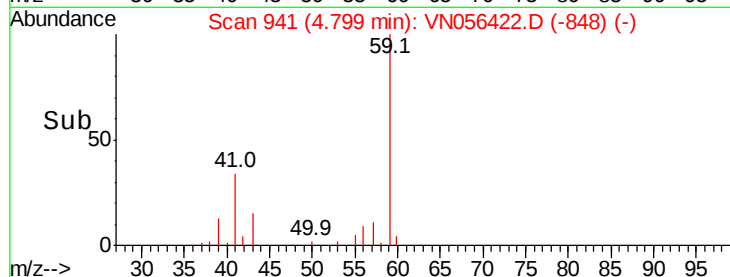
0

4.70

4.80

4.90

Time-->



#12

1,1-Dichloroethene

Concen: 20.208 ug/l

RT: 3.73 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

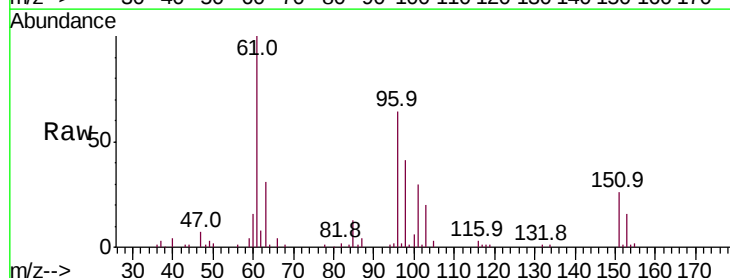
Tgt Ion: 96 Resp: 65604

Ion Ratio Lower Upper

96 100

61 155.9 126.6 190.0

98 63.8 51.1 76.7



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

50000

40000

30000

20000

10000

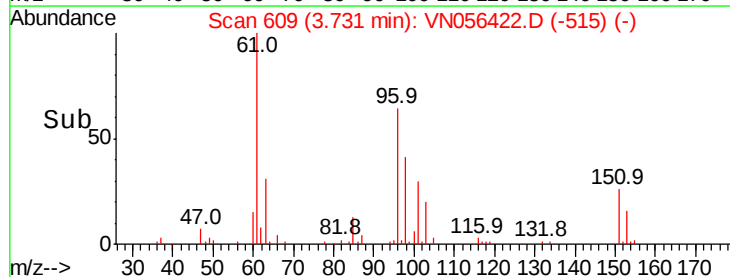
0

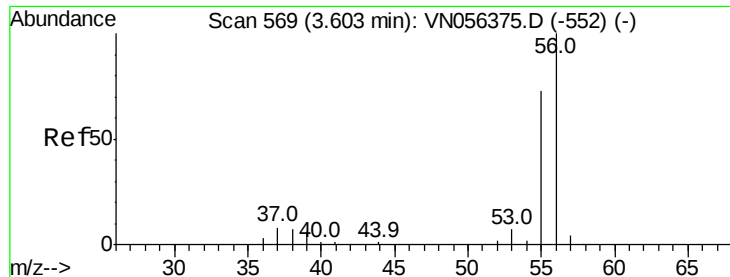
3.70

3.73

3.80

Time-->





#13

Acrolein

Concen: 84.111 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

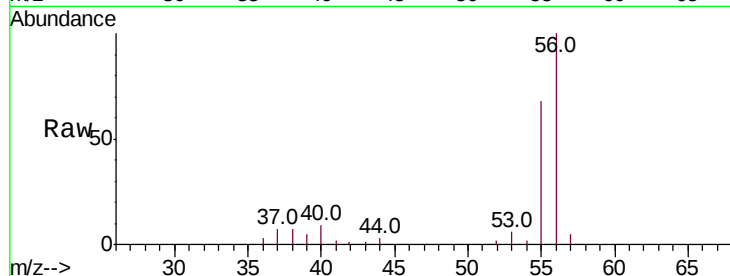
VN0621MBS01

Tot Ion: 56 Resp: 48631

Ion Ratio Lower Upper

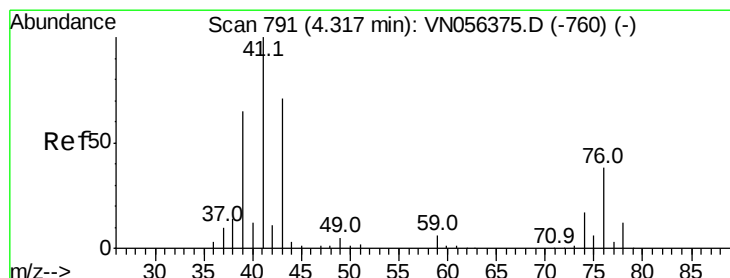
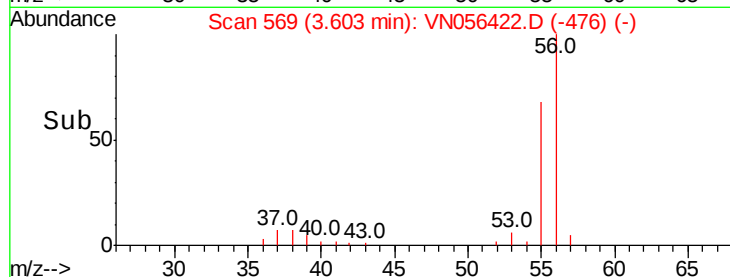
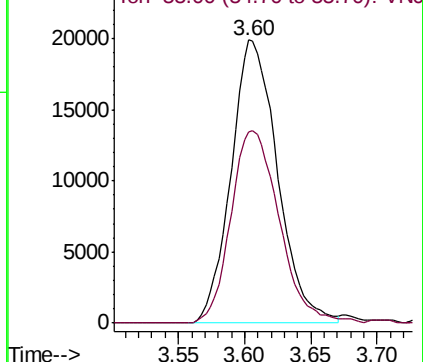
56 100

55 70.7 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 20.063 ug/l

RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

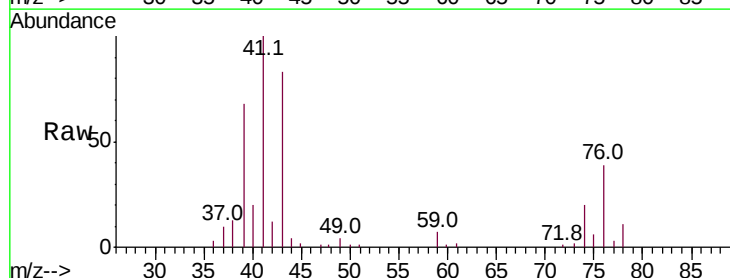
Tgt Ion: 41 Resp: 108423

Ion Ratio Lower Upper

41 100

39 61.9 48.6 73.0

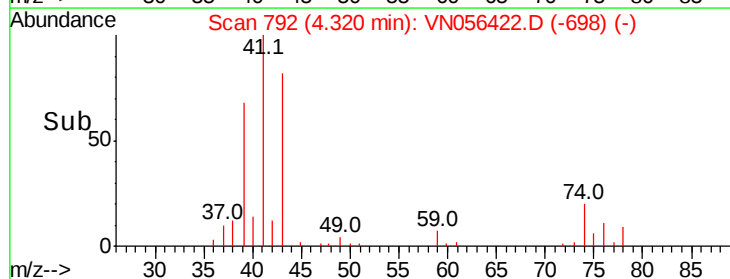
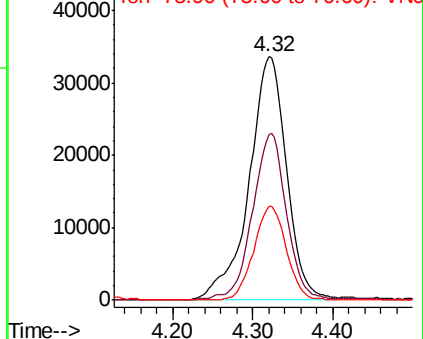
76 33.3 26.6 40.0

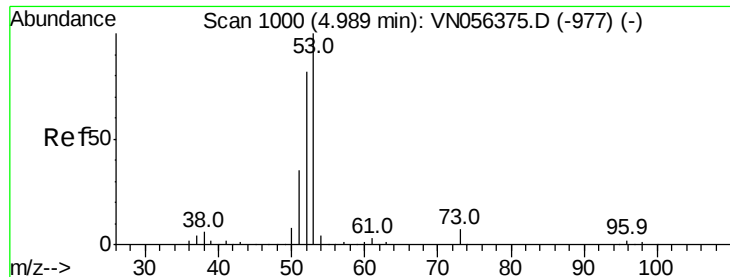


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 105.260 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

VN0621MBS01

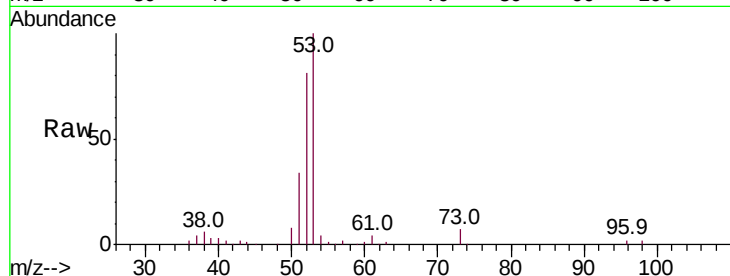
Tot Ion: 53 Resp: 199765

Ion Ratio Lower Upper

53 100

52 82.7 65.9 98.9

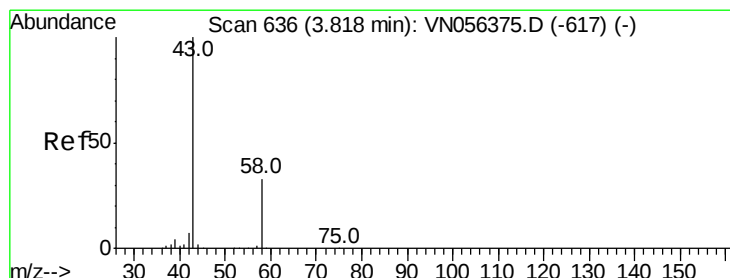
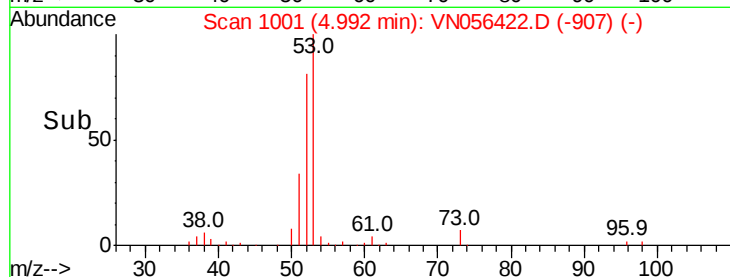
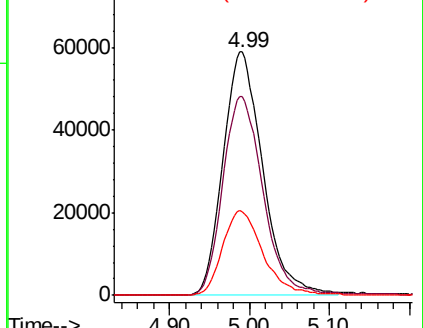
51 35.4 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VN056375.D (-977) (-)

Ion 52.00 (51.70 to 52.70): VN056375.D (-977) (-)

Ion 51.00 (50.70 to 51.70): VN056375.D (-977) (-)



#16

Acetone

Concen: 91.238 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056422.D

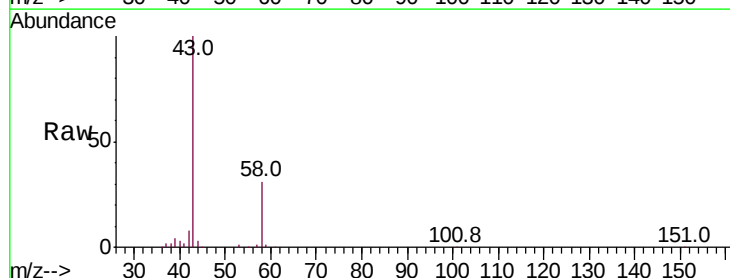
Acq: 21 Jun 2019 13:42

Tgt Ion: 43 Resp: 186184

Ion Ratio Lower Upper

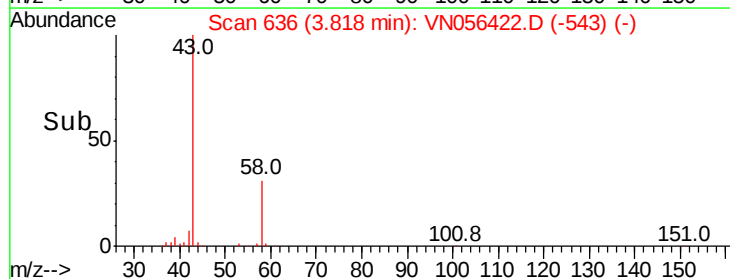
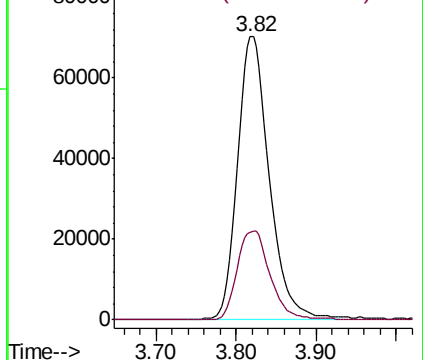
43 100

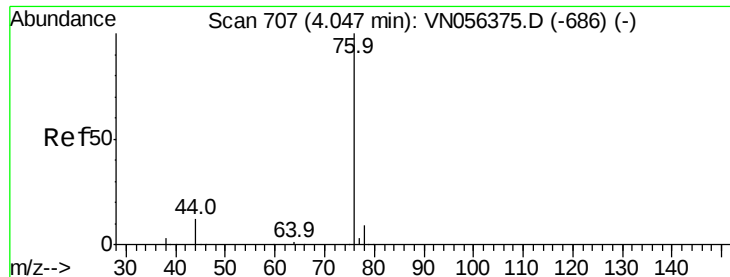
58 30.5 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN056375.D (-617) (-)

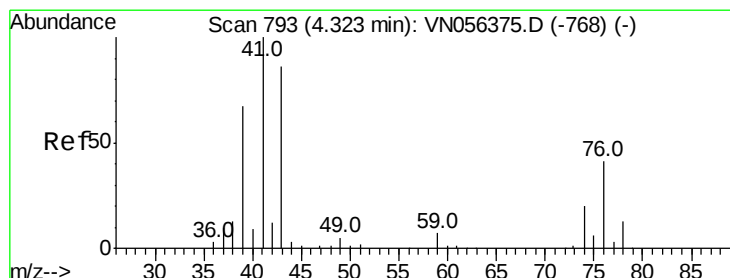
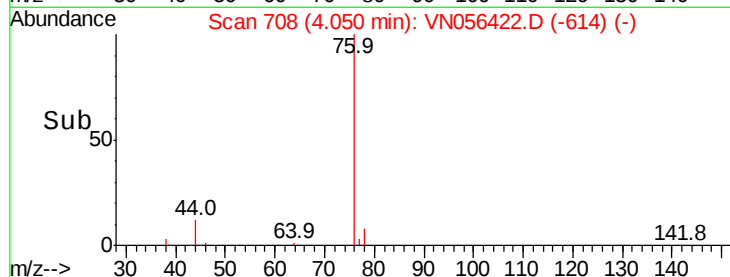
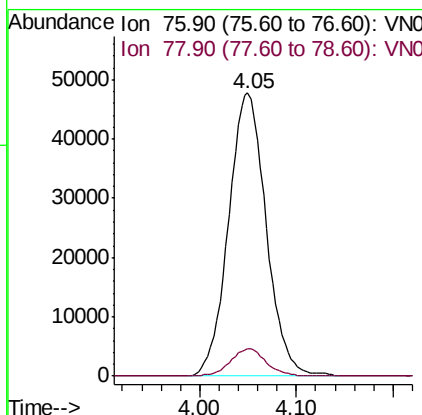
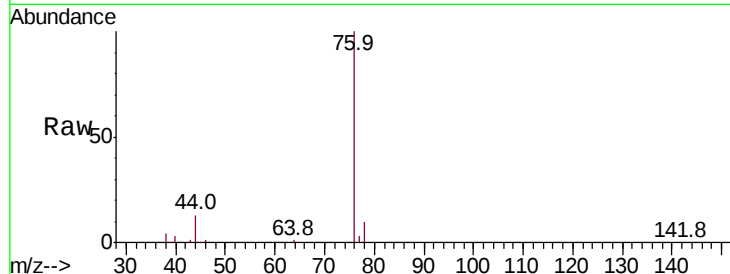




#17
Carbon Disulfide
Concen: 17.474 ug/l
RT: 4.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

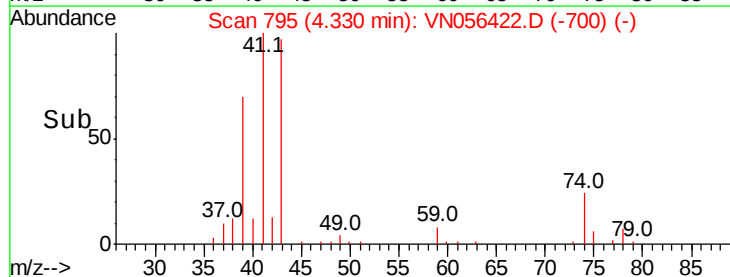
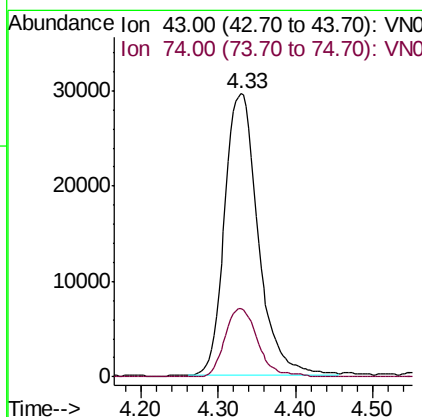
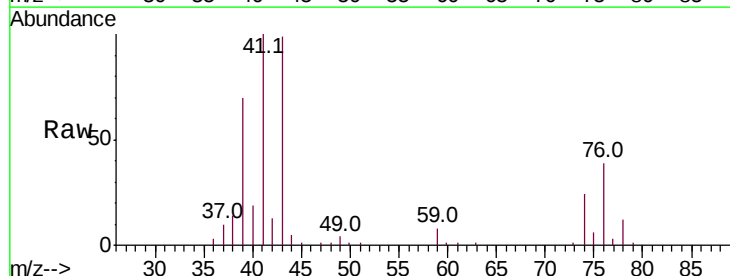
Instrument :
MSVOA_N
ClientSampled :
VN0621MBS01

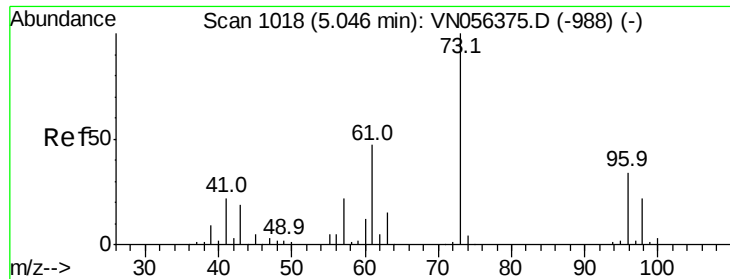
Tot Ion: 76 Resp: 129025
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7



#18
Methyl Acetate
Concen: 21.729 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

Tgt Ion: 43 Resp: 88806
Ion Ratio Lower Upper
43 100
74 23.9 19.2 28.8

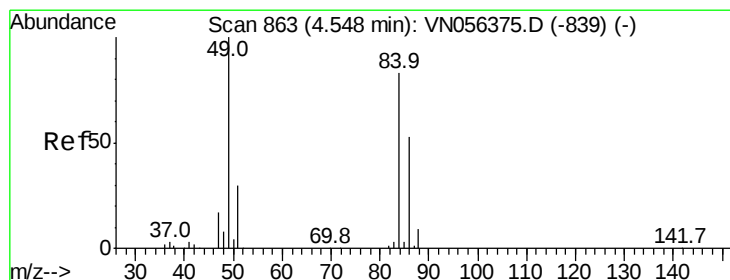
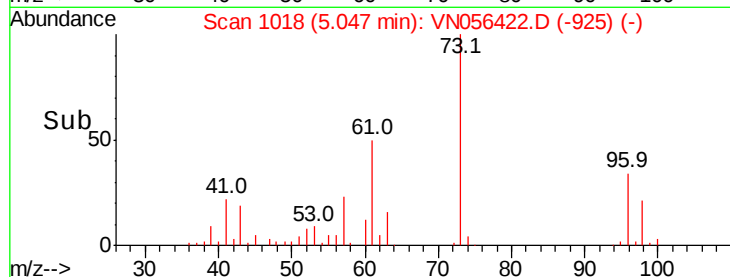
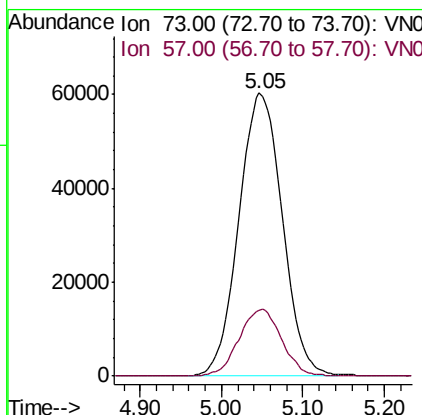
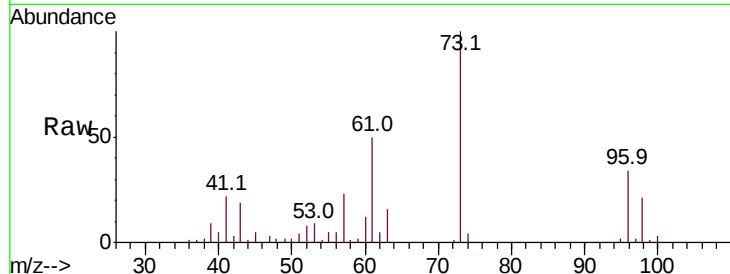




#19
Methyl tert-butyl Ether
Concen: 20.768 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

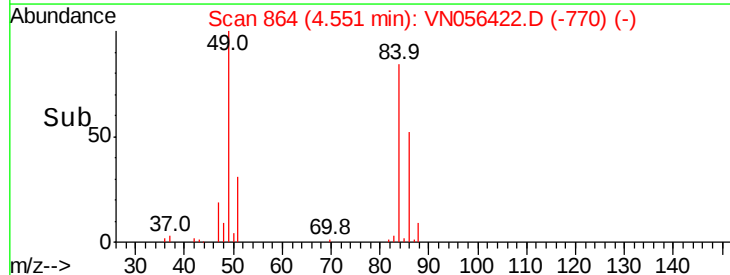
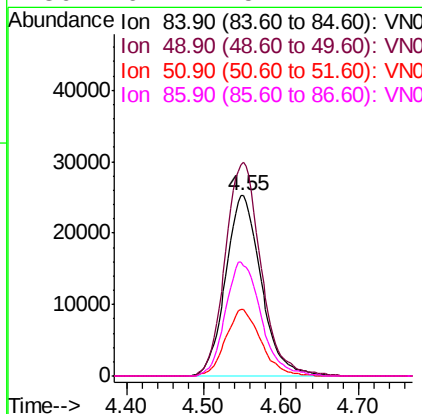
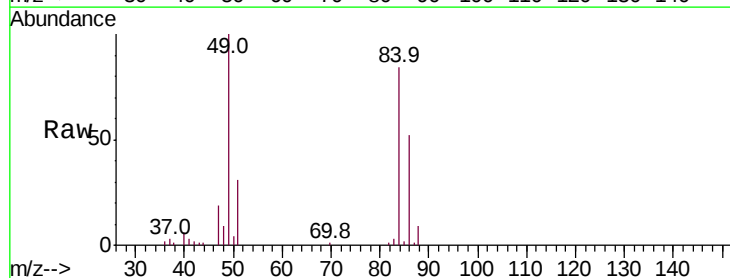
Instrument :
MSVOA_N
ClientSampleId :
VN0621MBS01

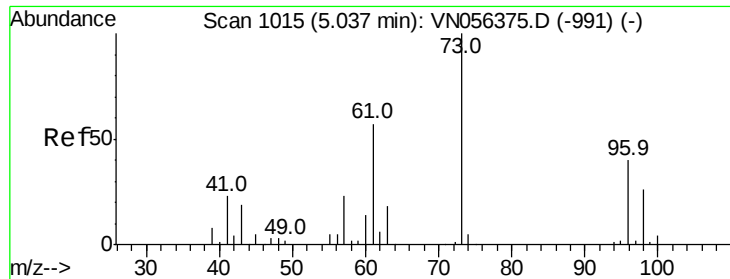
Tot Ion: 73 Resp: 223091
Ion Ratio Lower Upper
73 100
57 23.4 17.9 26.9



#20
Methylene Chloride
Concen: 20.425 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

Tgt Ion: 84 Resp: 80597
Ion Ratio Lower Upper
84 100
49 118.4 96.4 144.6
51 36.8 28.6 43.0
86 61.1 51.4 77.2

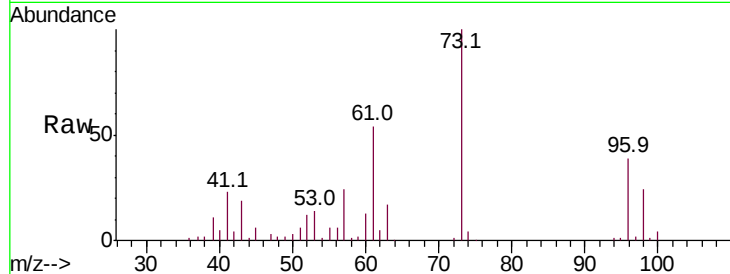




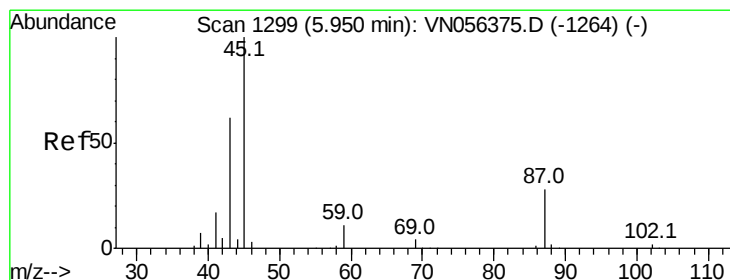
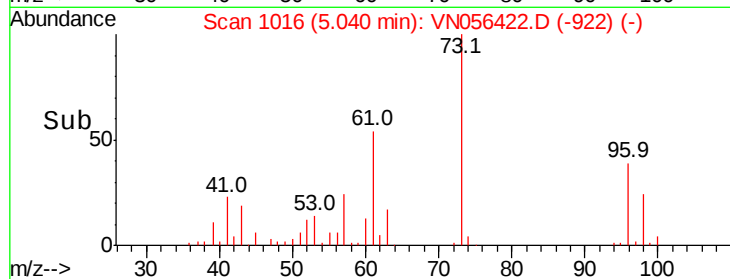
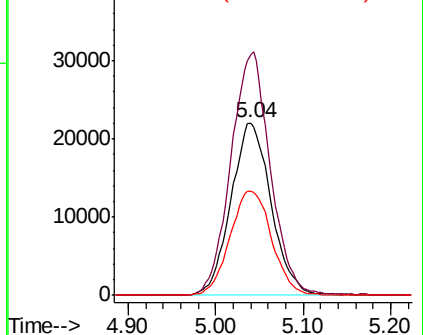
#21
trans-1,2-Dichloroethene
Concen: 20.022 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

Instrument :
MSVOA_N
ClientSampled :
VN0621MBS01

Tot Ion: 96 Resp: 70078
Ion Ratio Lower Upper
96 100
61 140.1 113.0 169.6
98 60.6 52.2 78.2

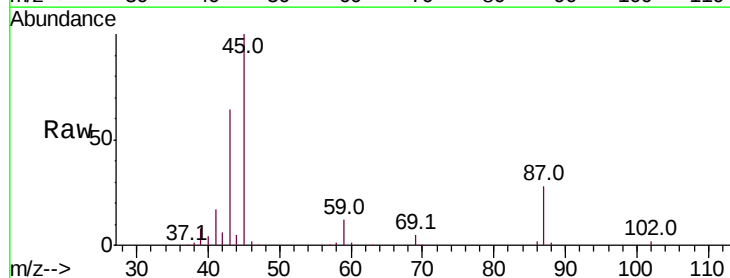


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

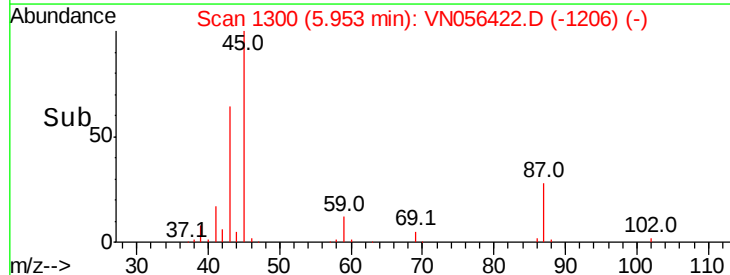
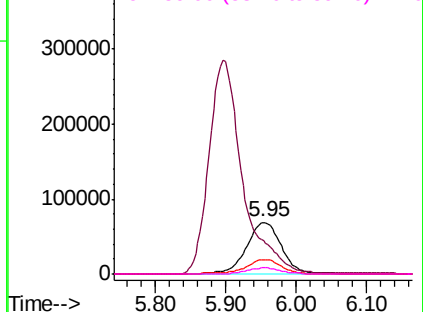


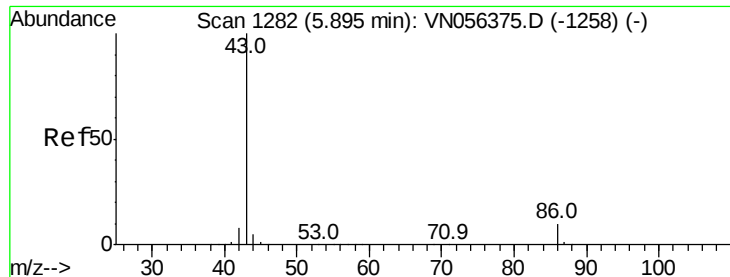
#22
Diisopropyl ether
Concen: 21.037 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

Tgt Ion: 45 Resp: 238756
Ion Ratio Lower Upper
45 100
43 61.2 50.4 75.6
87 28.0 23.0 34.4
59 12.2 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

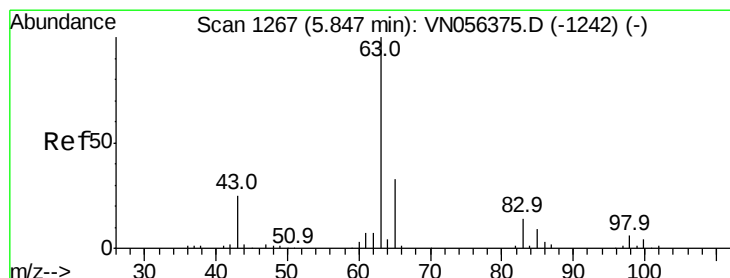
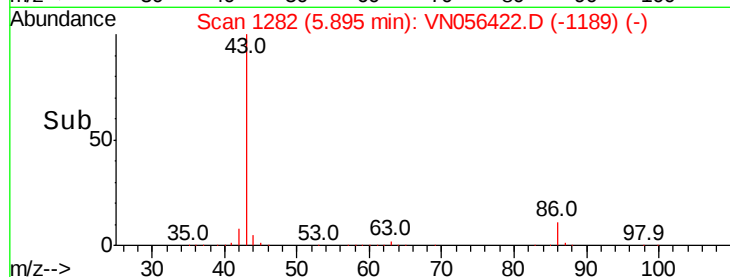
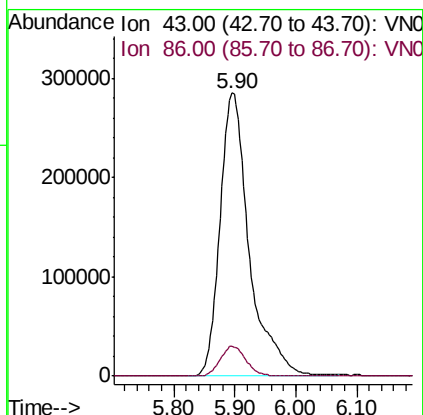
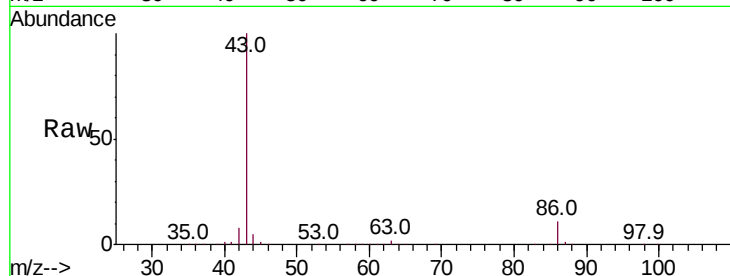




#23
 Vinyl Acetate
 Concen: 106.422 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056422.D
 Acq: 21 Jun 2019 13:42

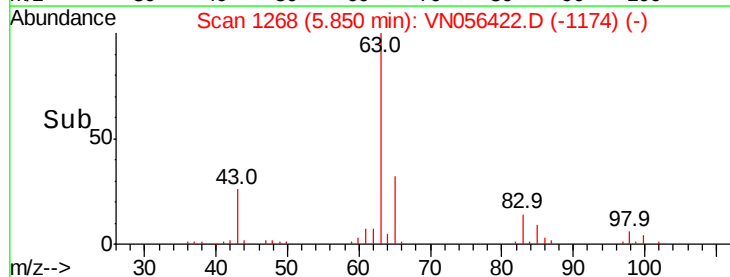
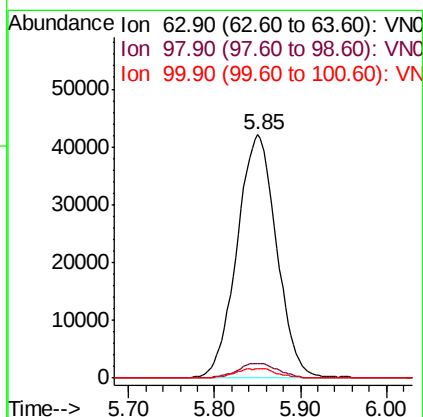
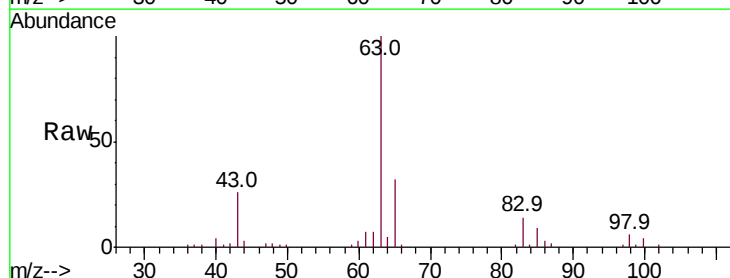
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621MBS01

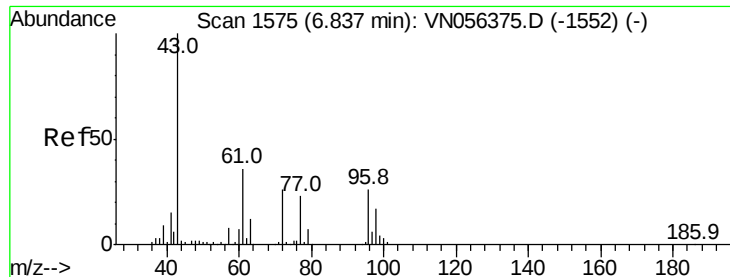
Tot Ion: 43 Resp: 952652
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 20.626 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN056422.D
 Acq: 21 Jun 2019 13:42

Tgt Ion: 63 Resp: 134375
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.2 9.6
 100 4.0 2.1 6.5

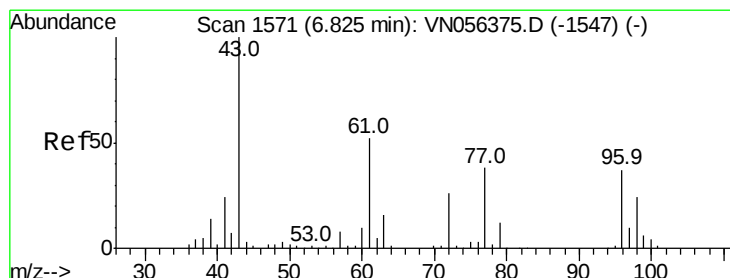
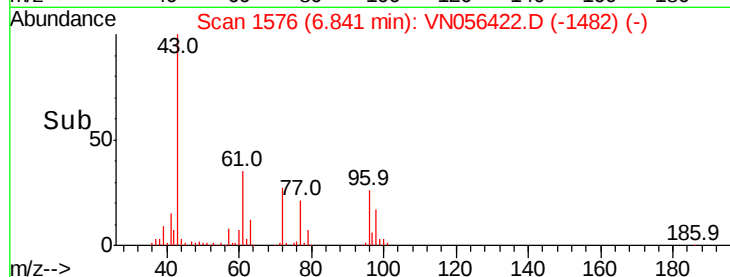
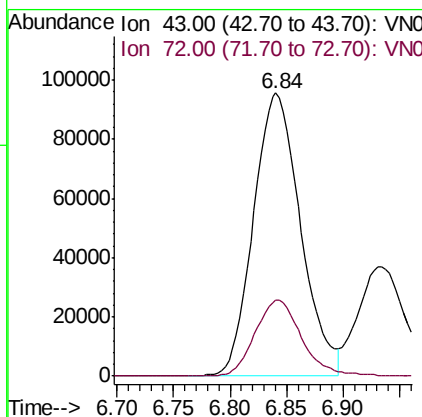
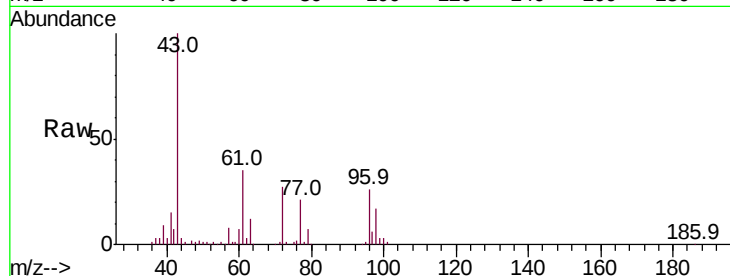




#25
 2-Butanone
 Concen: 101.797 ug/l
 RT: 6.84 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: VN056422.D
 Acq: 21 Jun 2019 13:42

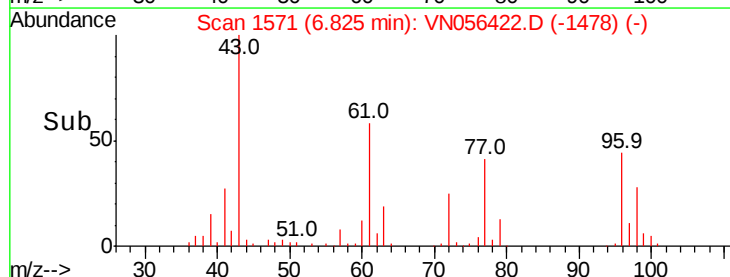
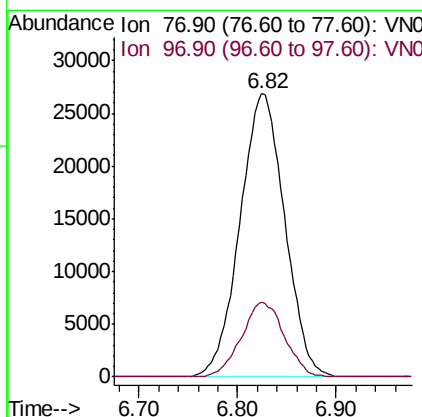
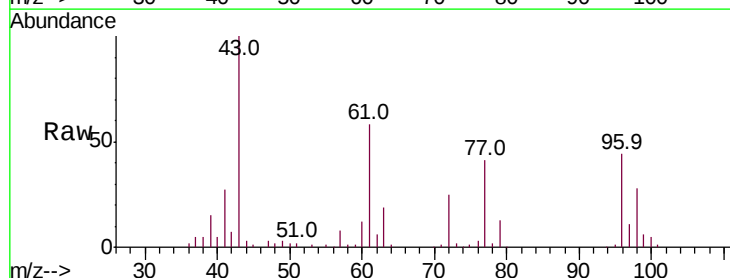
Instrument :
 MSVOA_N
 ClientSampled :
 VN0621MBS01

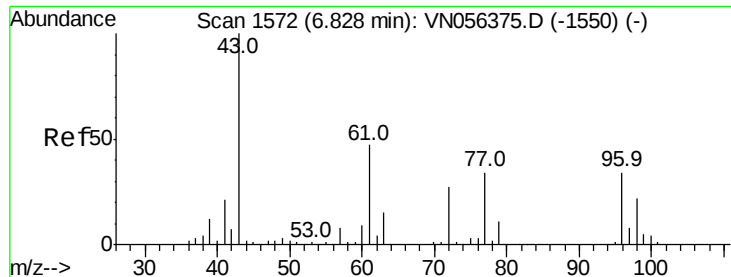
Tot Ion: 43 Resp: 274935
 Ion Ratio Lower Upper
 43 100
 72 26.8 20.6 31.0



#26
 2,2-Dichloropropane
 Concen: 18.617 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: VN056422.D
 Acq: 21 Jun 2019 13:42

Tgt Ion: 77 Resp: 84358
 Ion Ratio Lower Upper
 77 100
 97 25.3 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 20.628 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampled :

VN0621MBS01

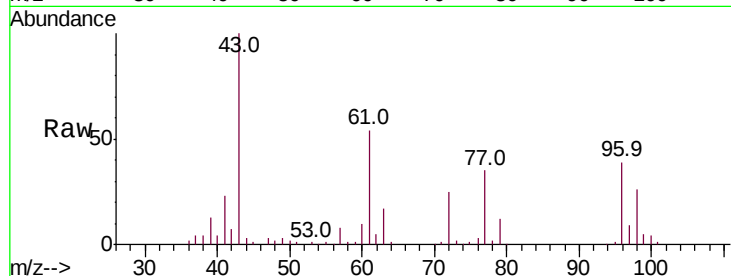
Tot Ion: 96 Resp: 84470

Ion Ratio Lower Upper

96 100

61 138.2 0.0 279.8

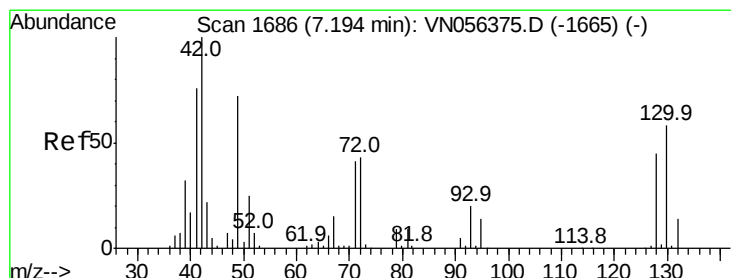
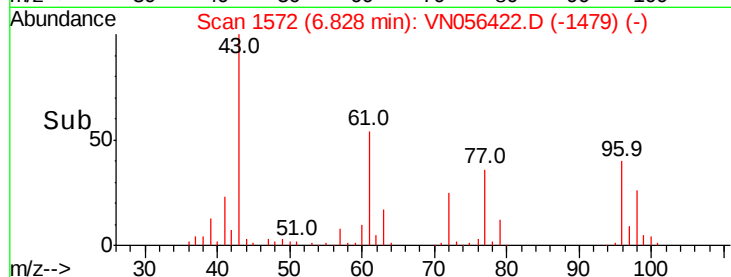
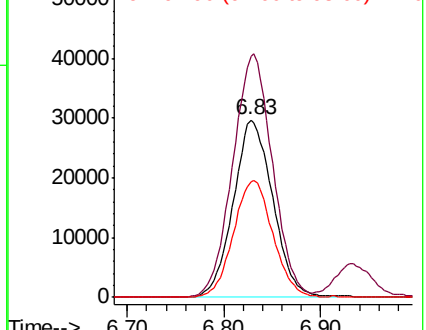
98 65.7 0.0 130.0



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: 20.981 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

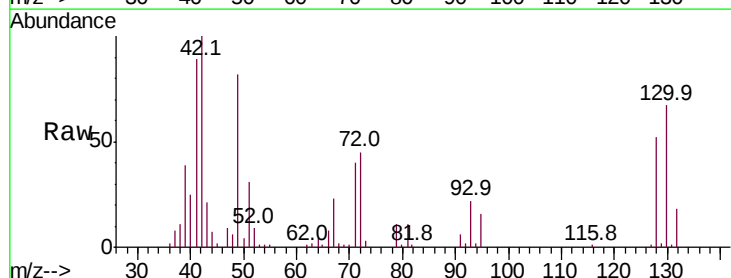
Tgt Ion: 49 Resp: 67609

Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.2

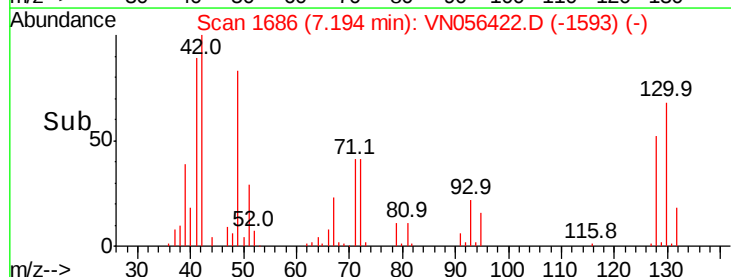
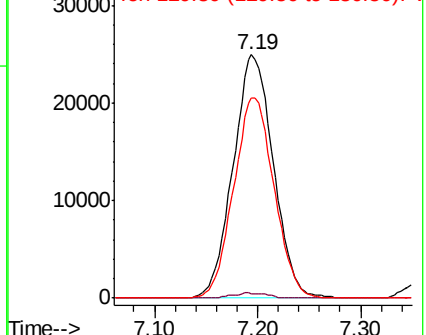
130 82.7 64.9 97.3

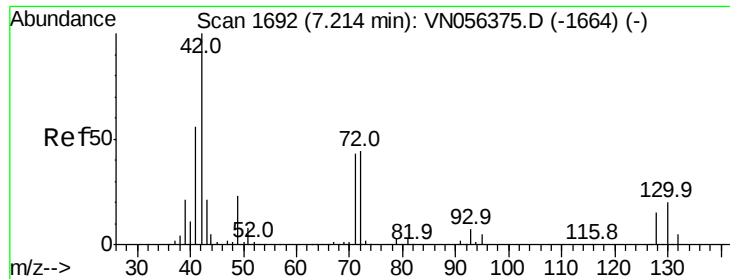


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 108.721 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

VN0621MBS01

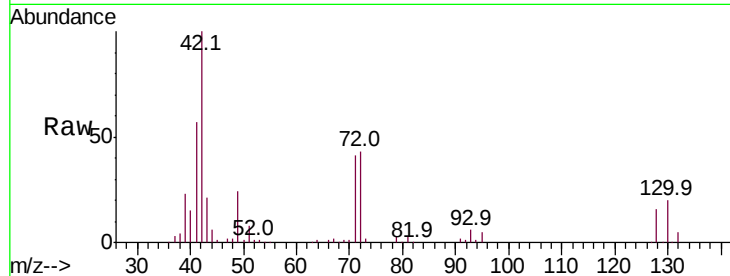
Tot Ion: 42 Resp: 179442

Ion Ratio Lower Upper

42 100

72 43.8 34.7 52.1

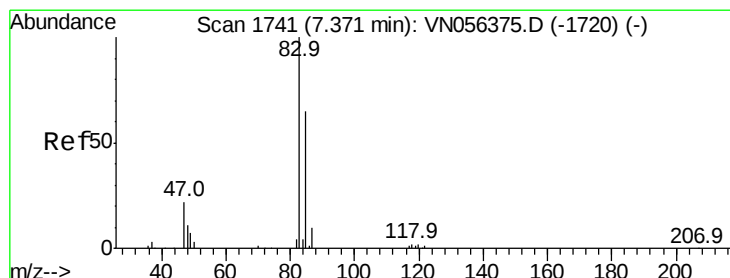
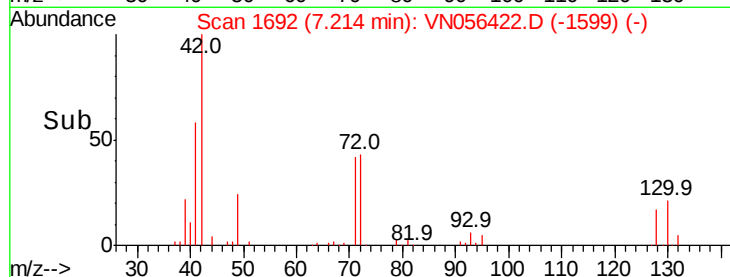
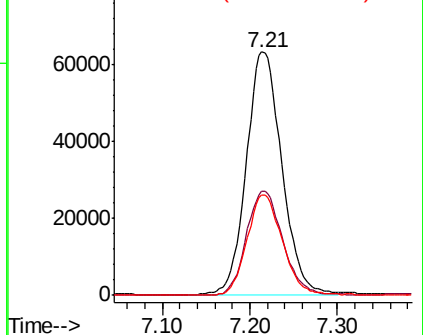
71 41.0 33.0 49.6



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: 20.644 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN056422.D

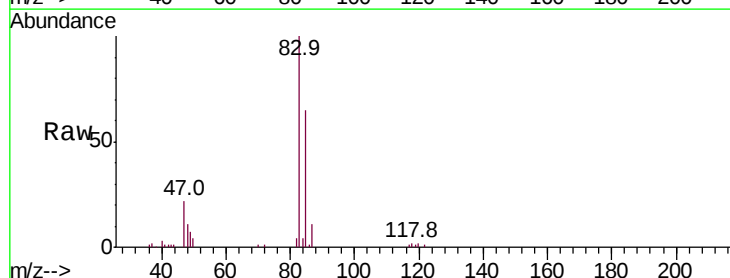
Acq: 21 Jun 2019 13:42

Tgt Ion: 83 Resp: 132710

Ion Ratio Lower Upper

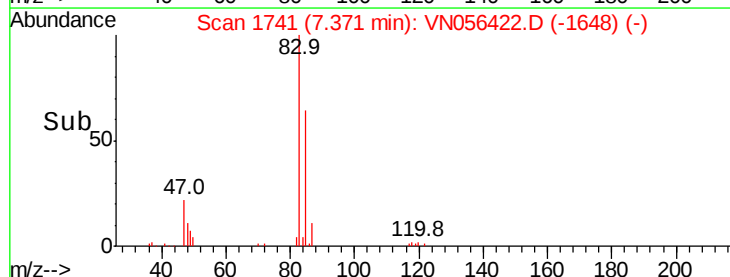
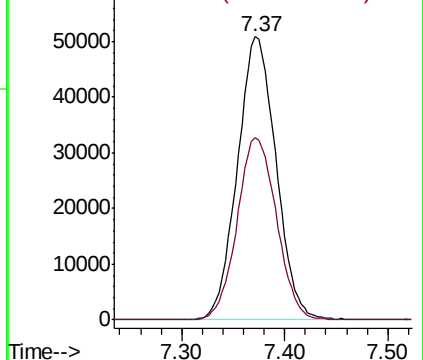
83 100

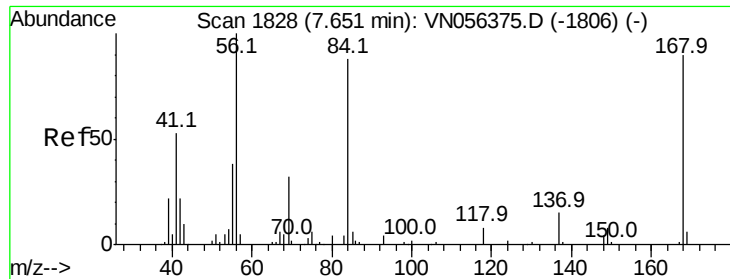
85 64.5 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

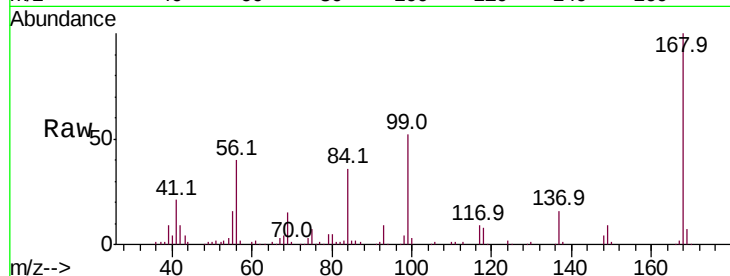




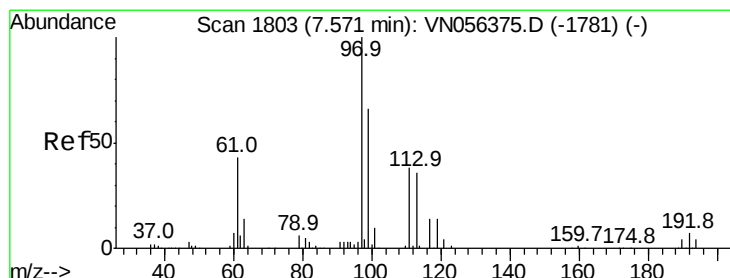
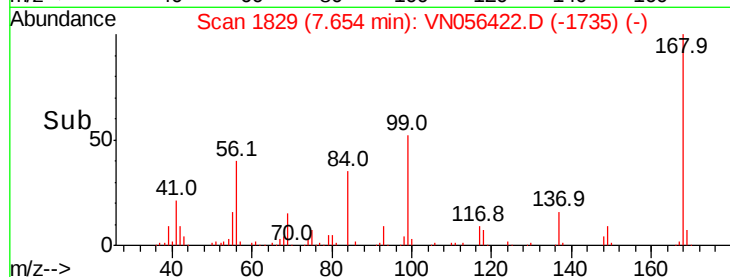
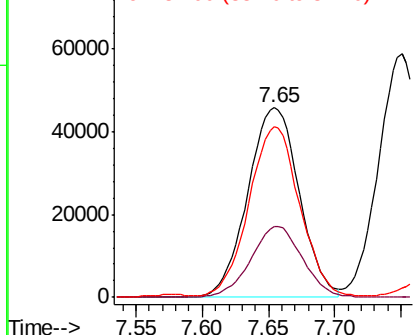
#31
Cyclohexane
Concen: 19.796 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

Instrument :
MSVOA_N
ClientSampleId :
VN0621MBS01

Tot Ion: 56 Resp: 124510
Ion Ratio Lower Upper
56 100
69 37.2 25.8 38.6
84 89.1 69.4 104.0

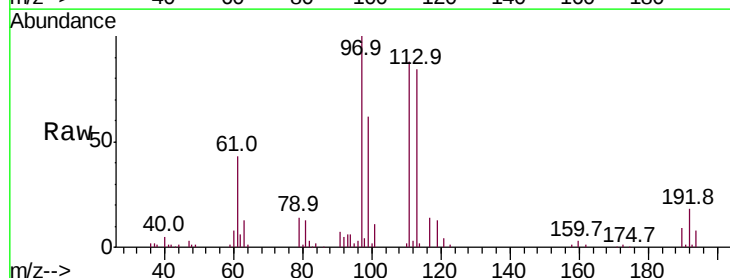


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

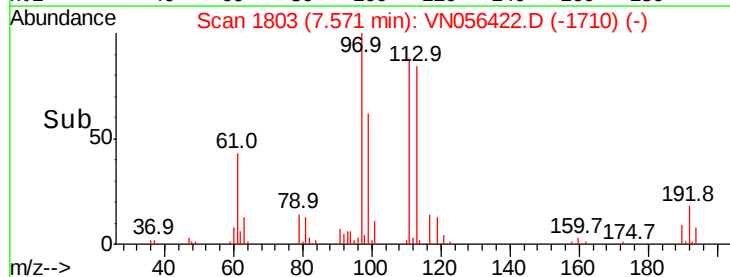
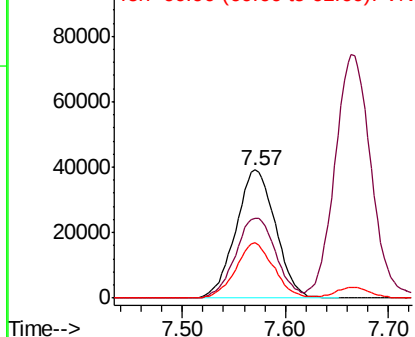


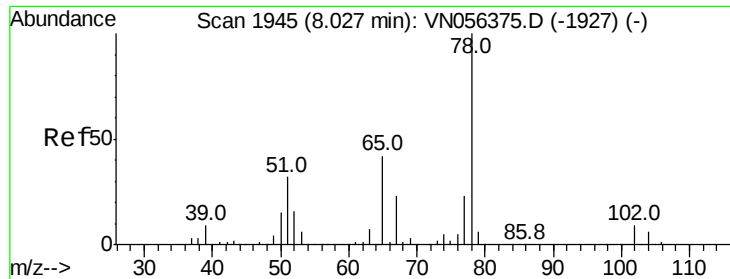
#32
1,1,1-Trichloroethane
Concen: 20.548 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

Tgt Ion: 97 Resp: 104706
Ion Ratio Lower Upper
97 100
99 63.5 51.8 77.6
61 41.3 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

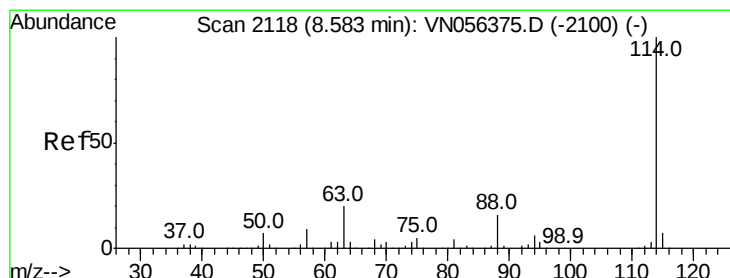
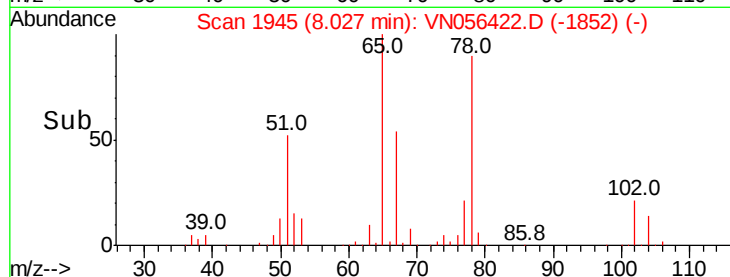
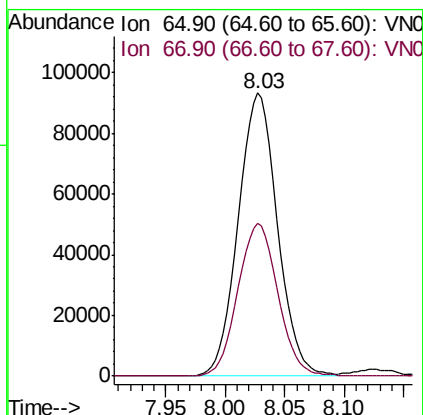
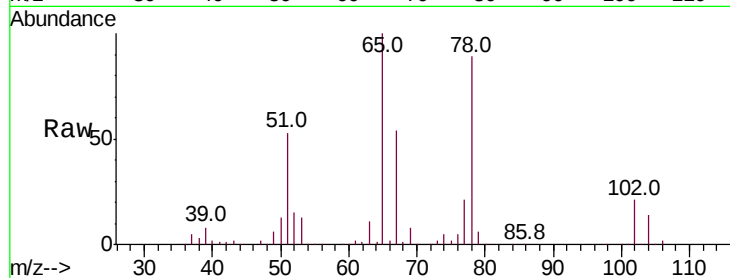




#33
 1,2-Dichloroethane-d4
 Concen: 52.420 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056422.D
 Acq: 21 Jun 2019 13:42

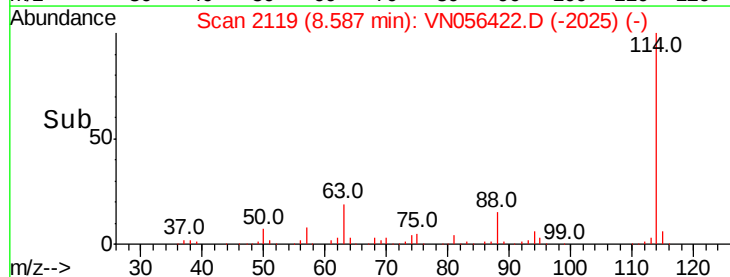
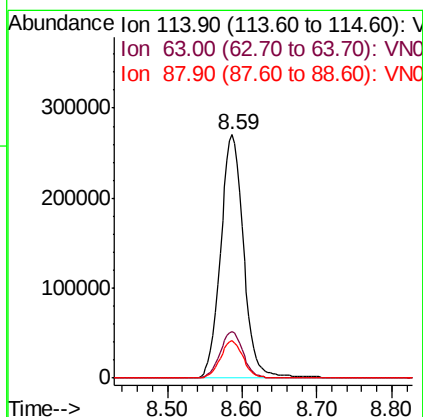
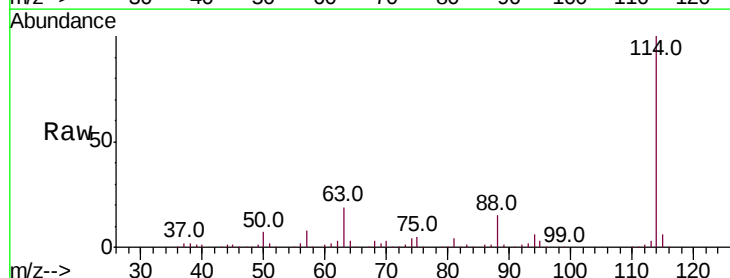
Instrument :
 MSVOA_N
 ClientSampled :
 VN0621MBS01

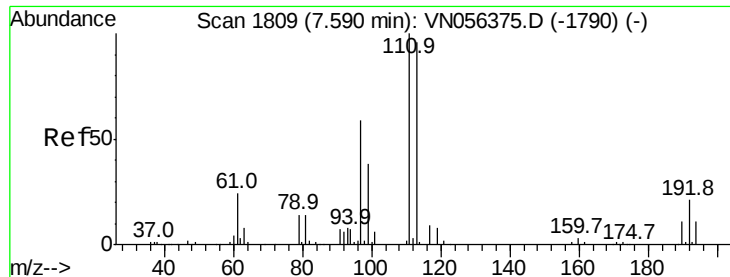
Tot Ion: 65 Resp: 213508
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056422.D
 Acq: 21 Jun 2019 13:42

Tgt Ion: 114 Resp: 575759
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.2
 88 15.2 0.0 31.4

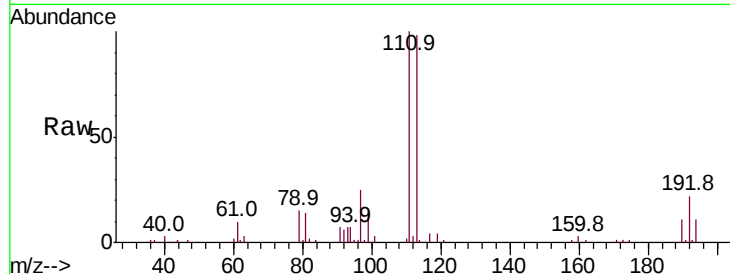




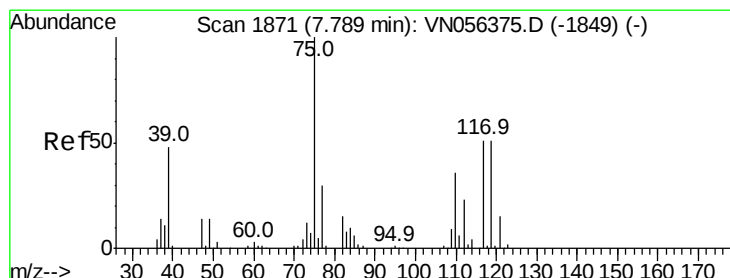
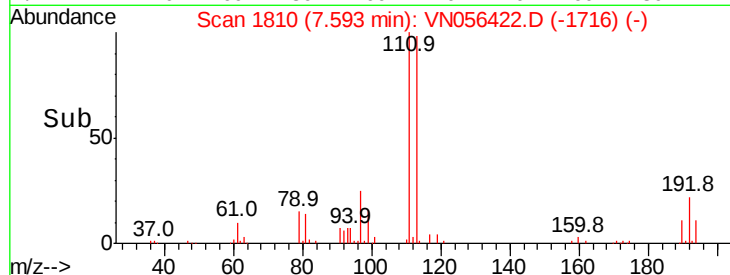
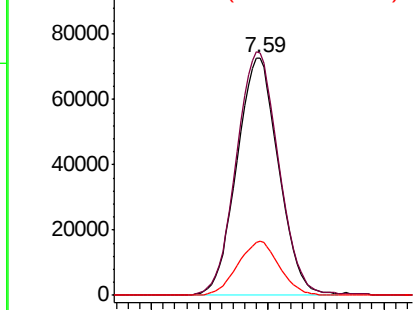
#35
Dibromofluoromethane
Concen: 50.809 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

Instrument :
MSVOA_N
ClientSampleId :
VN0621MBS01

Tot Ion:113 Resp: 182496
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 22.6 17.7 26.5

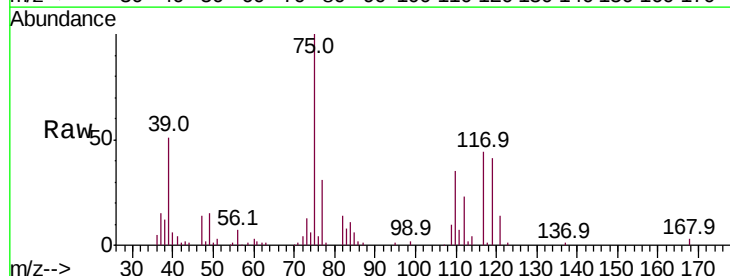


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

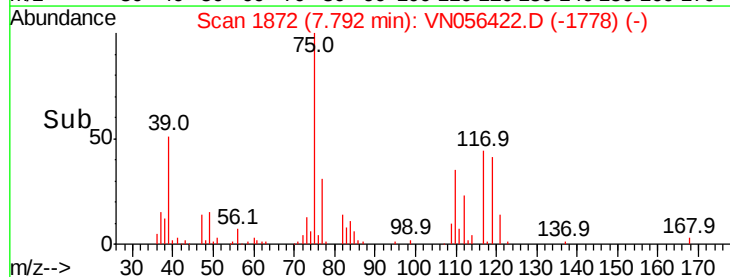
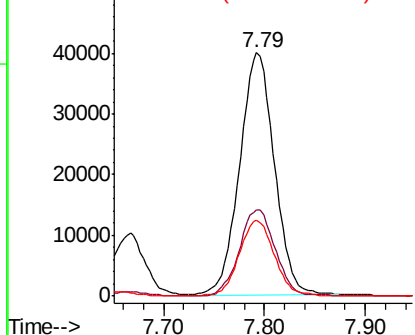


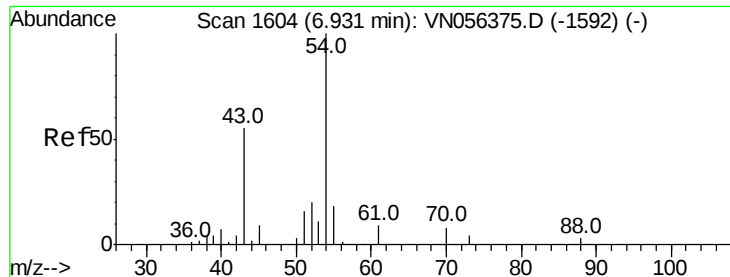
#36
1,1-Dichloropropene
Concen: 18.828 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

Tgt Ion: 75 Resp: 95417
Ion Ratio Lower Upper
75 100
110 37.0 18.1 54.3
77 31.6 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

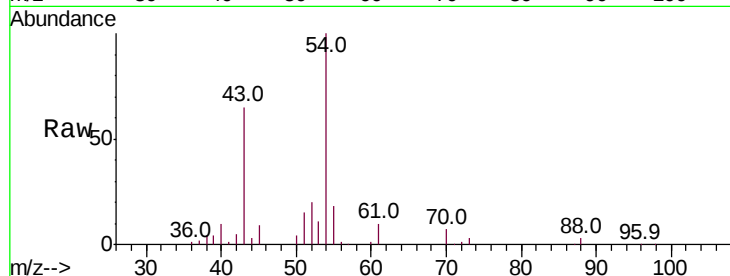




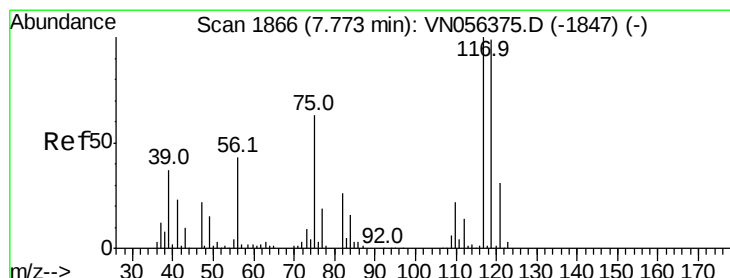
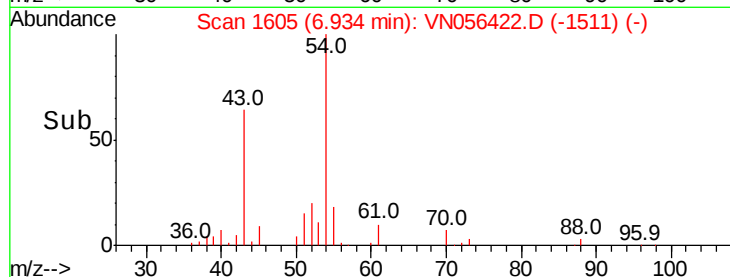
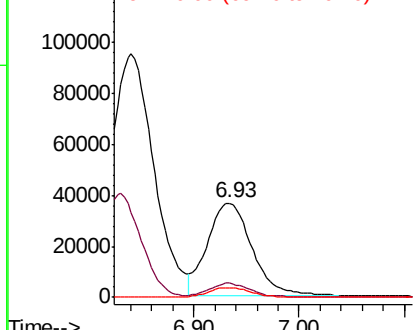
#37
Ethyl Acetate
Concen: 21.456 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

Instrument :
MSVOA_N
ClientSampleId :
VN0621MBS01

Tot Ion: 43 Resp: 106858
Ion Ratio Lower Upper
43 100
61 14.6 11.1 16.7
70 10.1 8.3 12.5

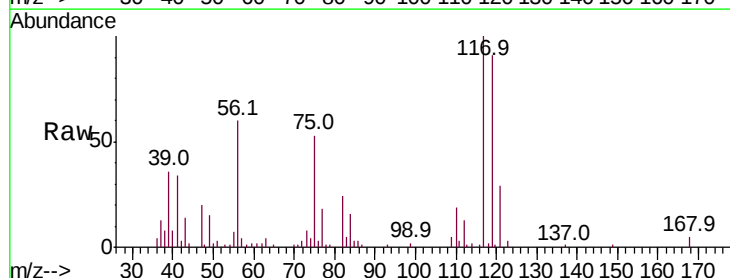


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

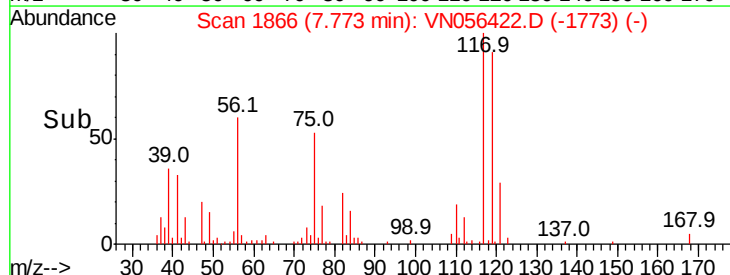
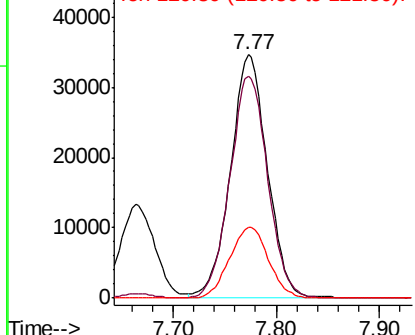


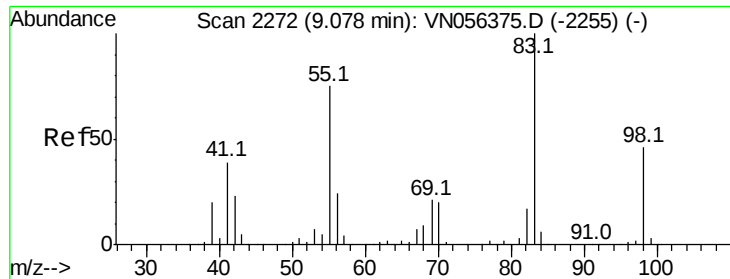
#38
Carbon Tetrachloride
Concen: 19.397 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

Tgt Ion: 117 Resp: 85961
Ion Ratio Lower Upper
117 100
119 91.2 79.1 118.7
121 29.1 24.8 37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

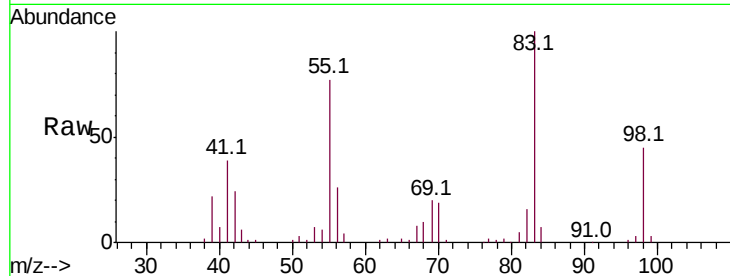




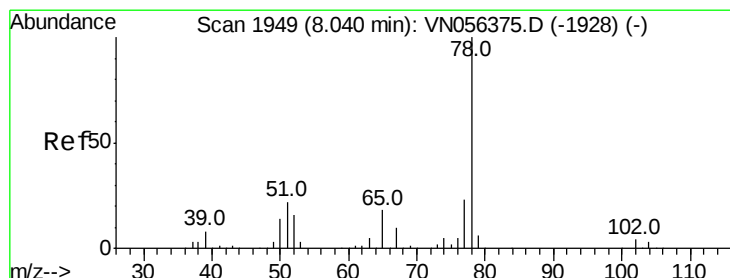
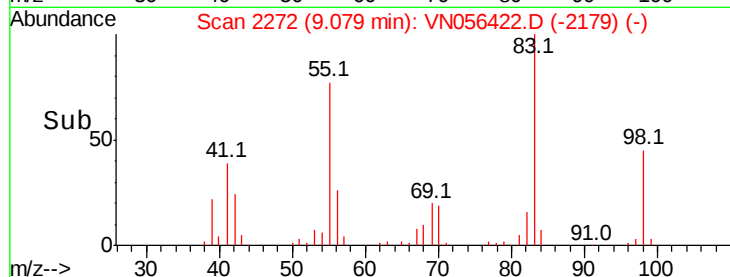
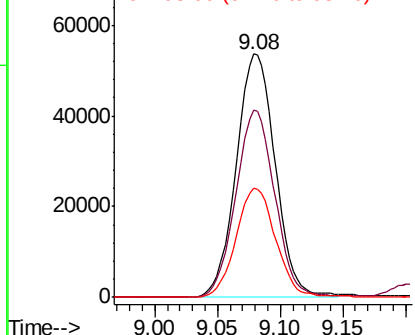
#39
Methvlcvclohexane
Concen: 18.606 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

Instrument :
MSVOA_N
ClientSampleId :
VN0621MBS01

Tot Ion: 83 Resp: 116347
Ion Ratio Lower Upper
83 100
55 77.2 60.0 90.0
98 44.6 36.6 54.8

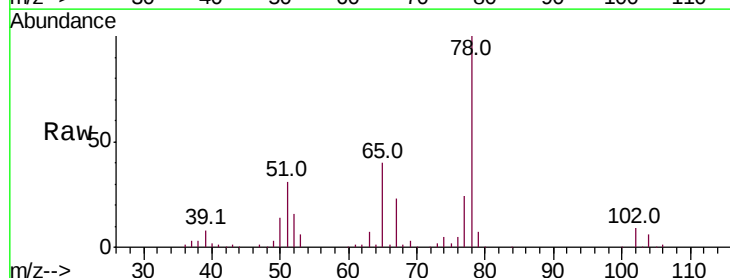


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

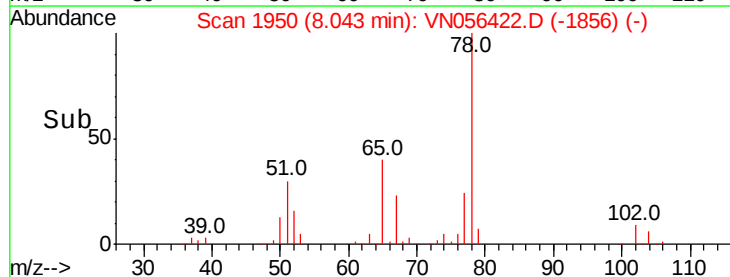
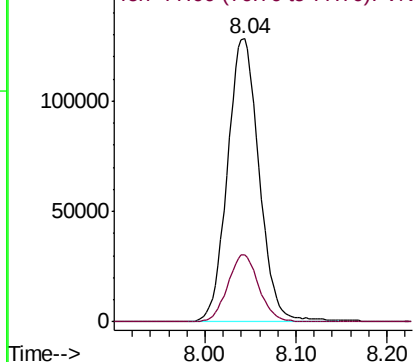


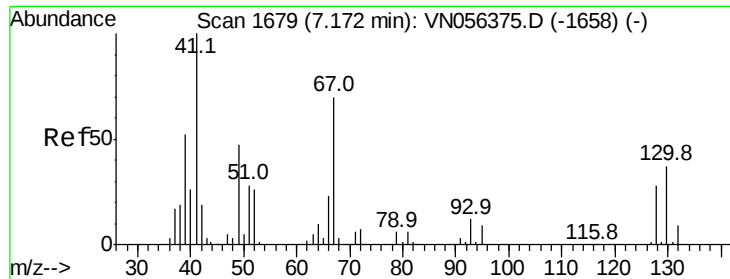
#40
Benzene
Concen: 19.907 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

Tgt Ion: 78 Resp: 310321
Ion Ratio Lower Upper
78 100
77 23.8 18.3 27.5



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

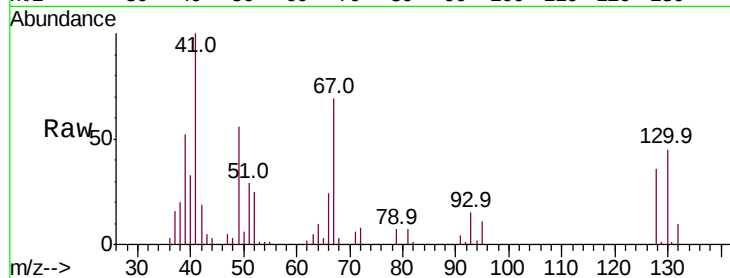




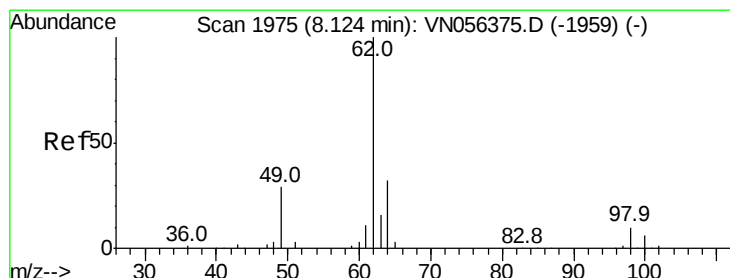
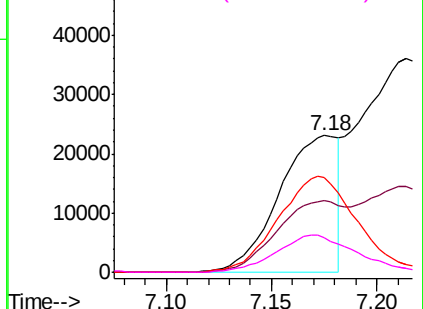
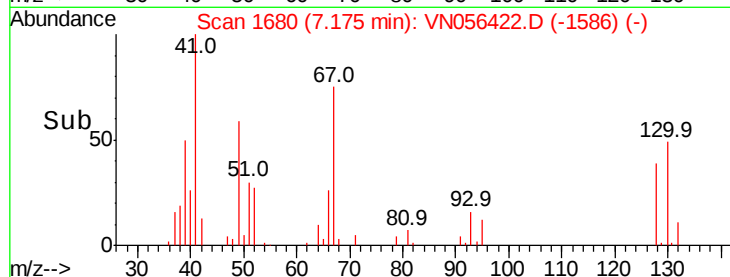
#41
Methacrylonitrile
Concen: 20.485 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

Instrument :
MSVOA_N
ClientSampled :
VN0621MBS01

Tot Ion: 41 Resp: 45051
Ion Ratio Lower Upper
41 100
39 58.2 55.3 82.9
67 95.2 79.2 118.8
52 37.7 31.4 47.0

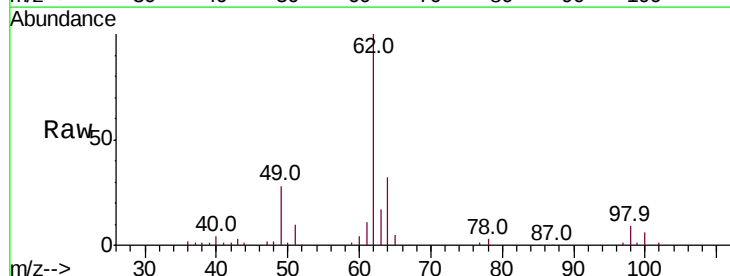


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

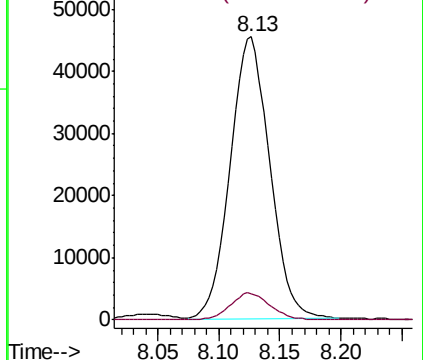
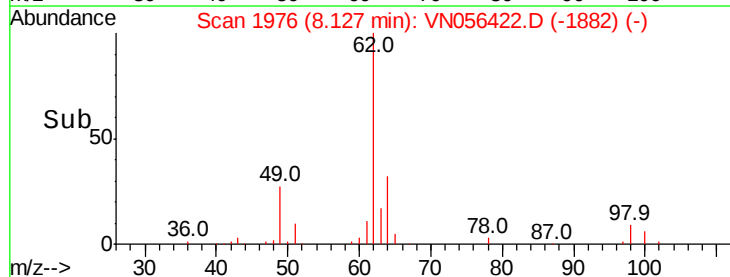


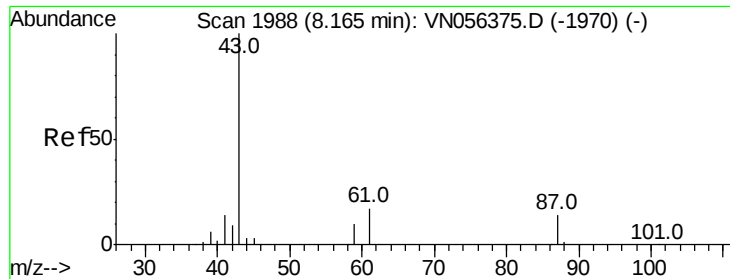
#42
1,2-Dichloroethane
Concen: 19.821 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

Tgt Ion: 62 Resp: 101968
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 20.766 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

VN0621MBS01

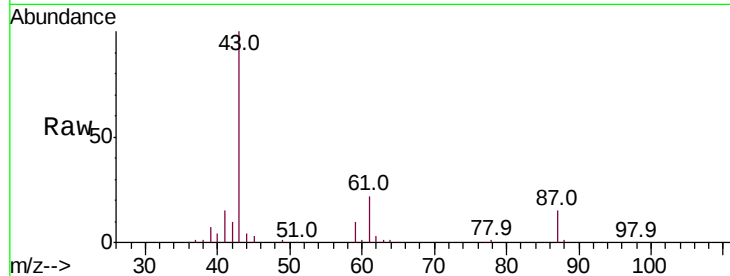
Tot Ion: 43 Resp: 159468

Ion Ratio Lower Upper

43 100

61 28.1 22.0 33.0

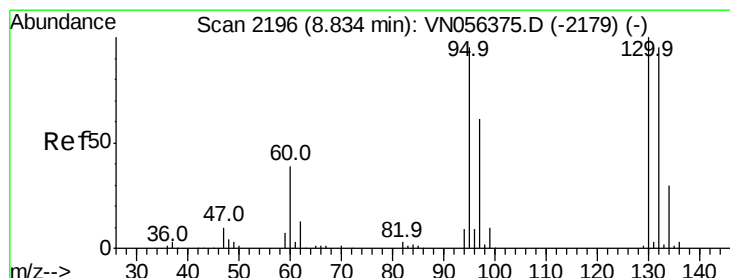
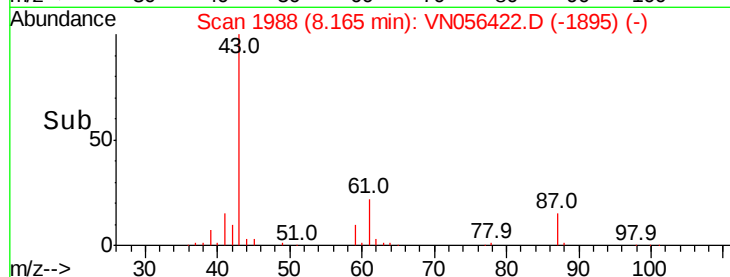
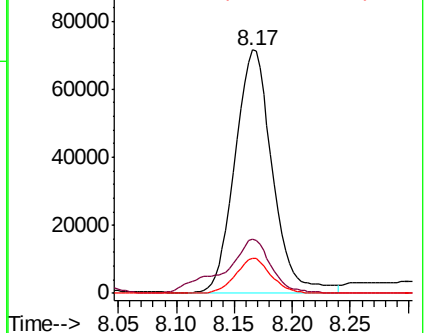
87 13.7 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056375.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056375.D (-1970) (-)



#44

Trichloroethene

Concen: 19.872 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056422.D

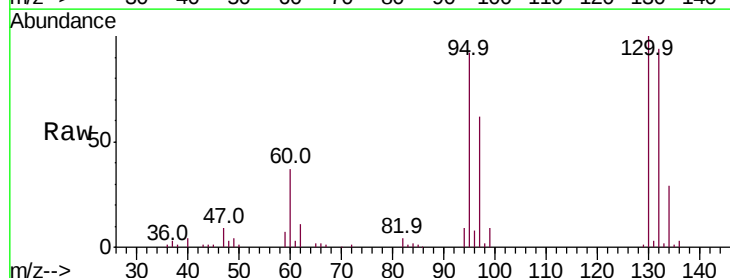
Acq: 21 Jun 2019 13:42

Tgt Ion:130 Resp: 83445

Ion Ratio Lower Upper

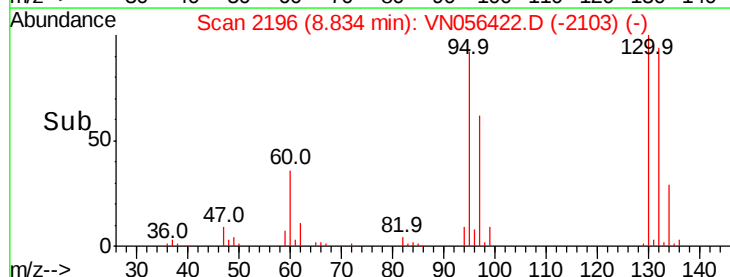
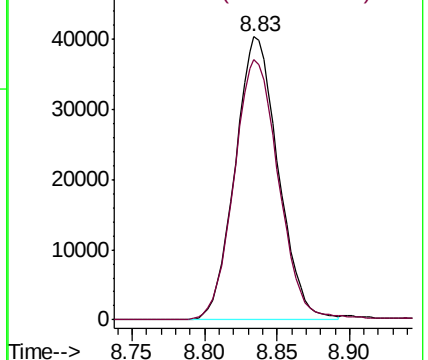
130 100

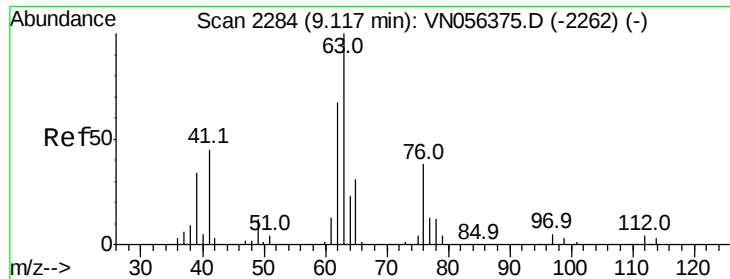
95 91.9 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): VN056375.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN056375.D (-2179) (-)

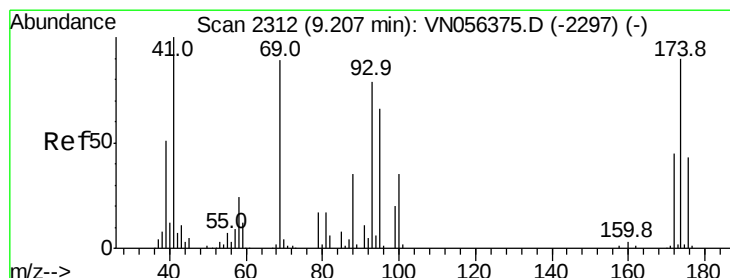
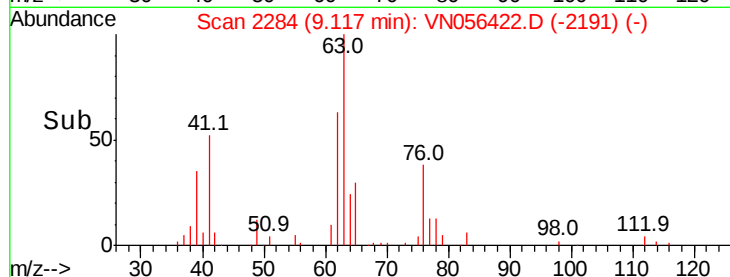
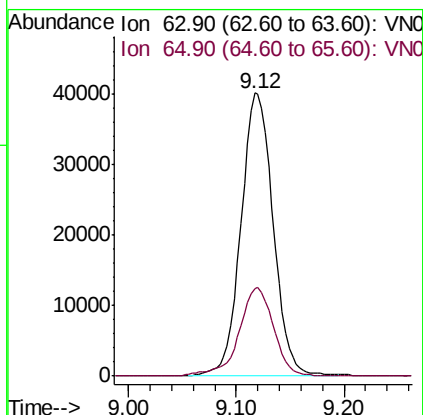
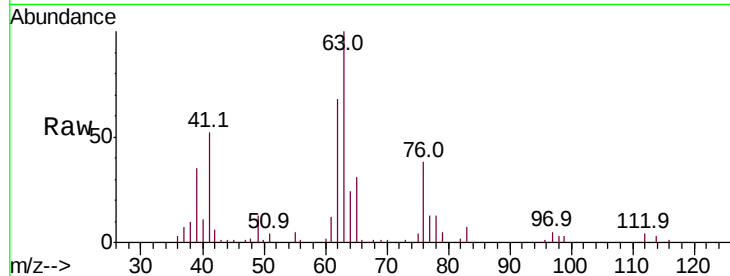




#45
 1,2-Dichloropropane
 Concen: 20.057 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056422.D
 Acq: 21 Jun 2019 13:42

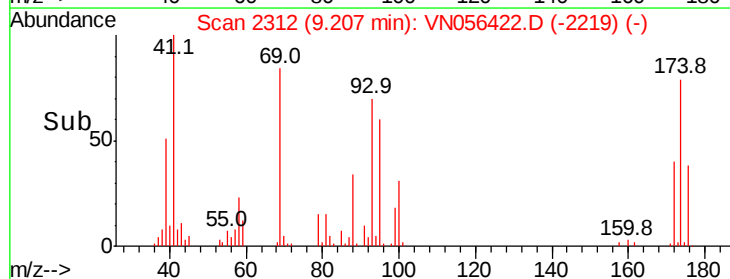
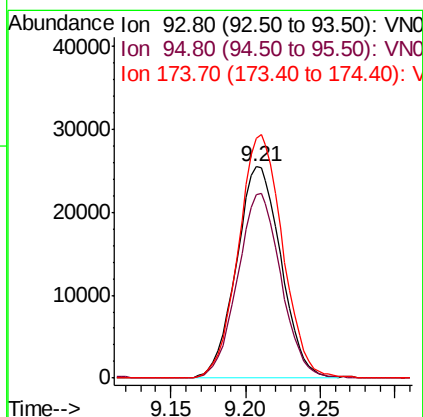
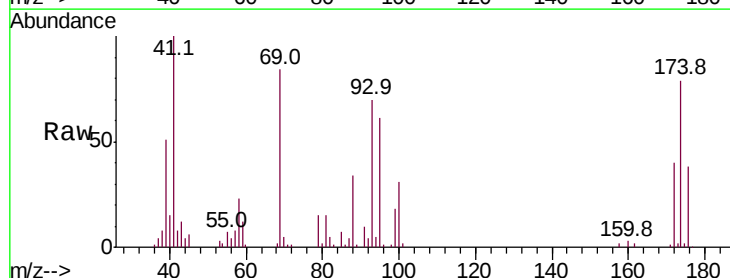
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621MBS01

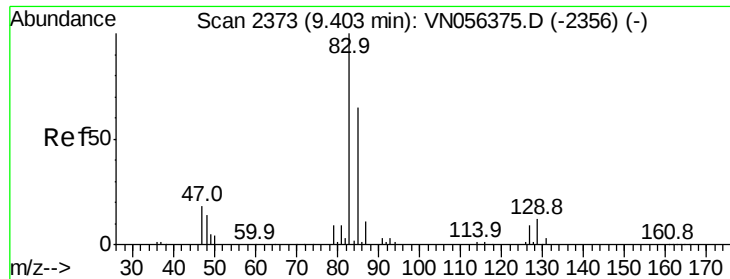
Tot Ion: 63 Resp: 83616
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.0 37.6



#46
 Dibromomethane
 Concen: 20.243 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056422.D
 Acq: 21 Jun 2019 13:42

Tgt Ion: 93 Resp: 52797
 Ion Ratio Lower Upper
 93 100
 95 84.9 66.2 99.2
 174 113.8 90.8 136.2





#47

Bromodichloromethane

Concen: 19.795 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

VN0621MBS01

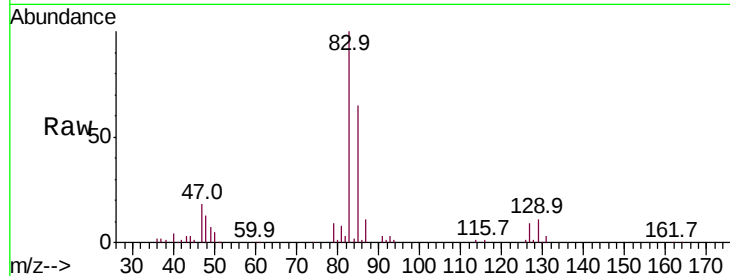
Tot Ion: 83 Resp: 91568

Ion Ratio Lower Upper

83 100

85 65.4 52.2 78.4

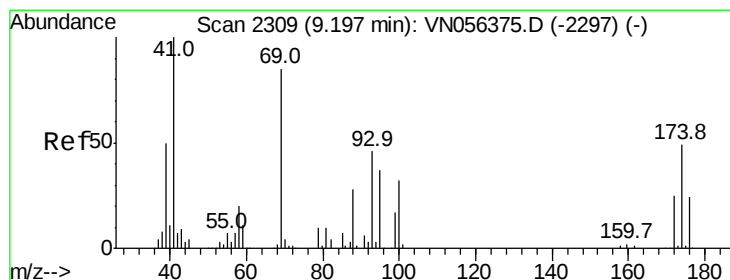
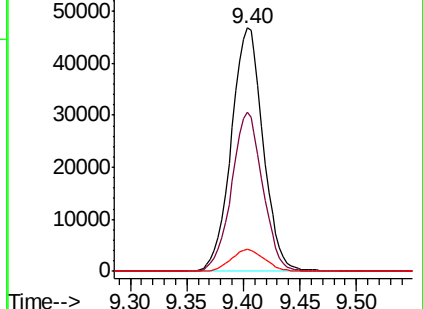
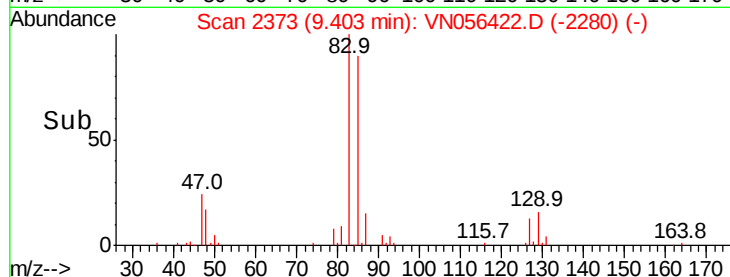
127 9.2 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN056375.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN056375.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN056375.D (-2356) (-)



#48

Methyl methacrylate

Concen: 20.270 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

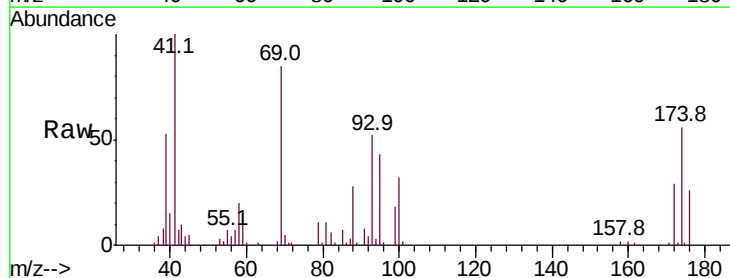
Tgt Ion: 41 Resp: 78007

Ion Ratio Lower Upper

41 100

69 89.2 72.6 109.0

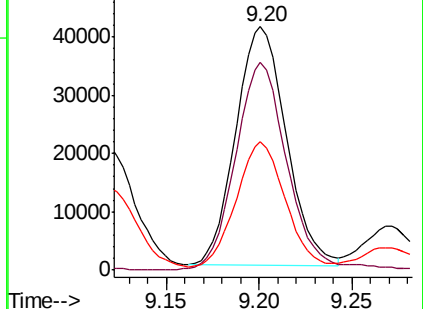
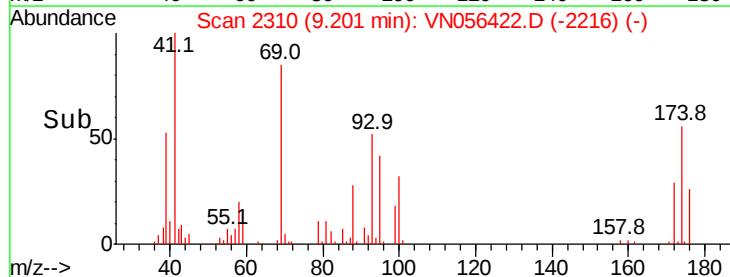
39 52.4 42.6 63.8

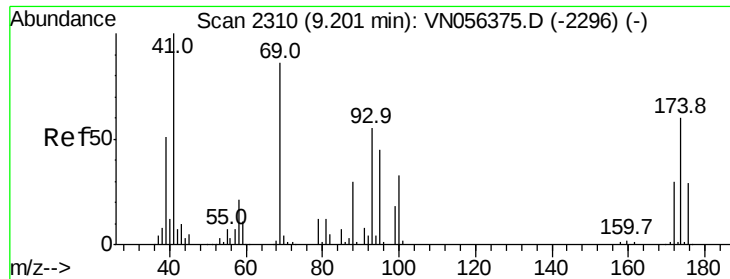


Abundance Ion 41.00 (40.70 to 41.70): VN056375.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN056375.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN056375.D (-2297) (-)





#49

1,4-Dioxane

Concen: 409.800 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.01 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

VN0621MBS01

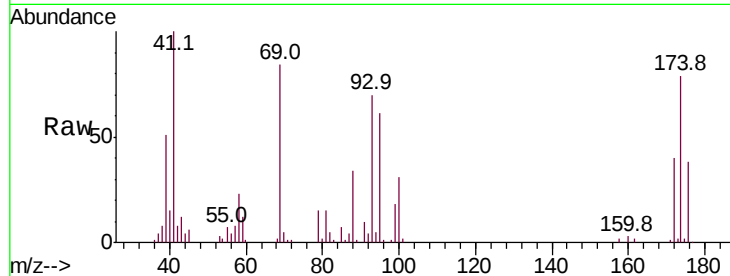
Tot Ion: 88 Resp: 32727

Ion Ratio Lower Upper

88 100

43 26.0 22.0 33.0

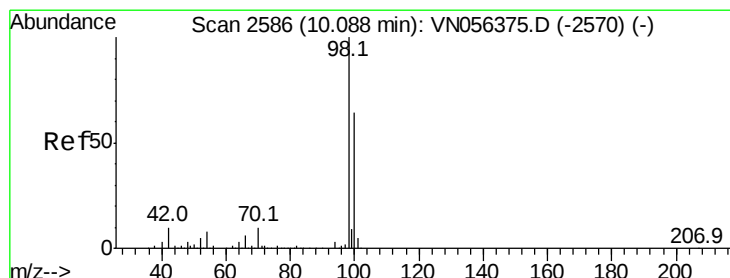
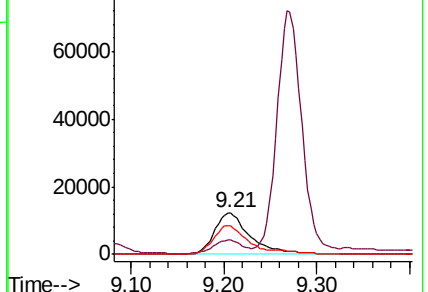
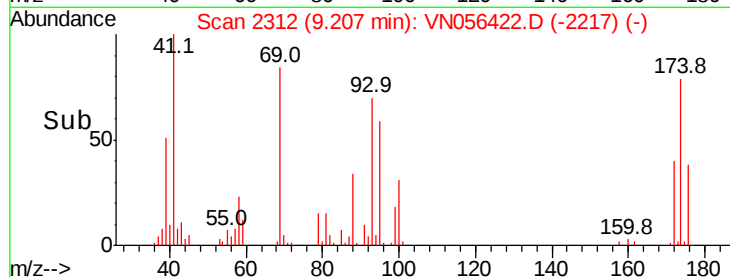
58 64.3 51.8 77.8



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.240 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056422.D

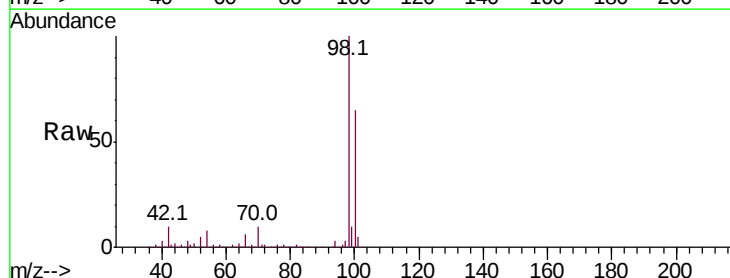
Acq: 21 Jun 2019 13:42

Tgt Ion: 98 Resp: 702151

Ion Ratio Lower Upper

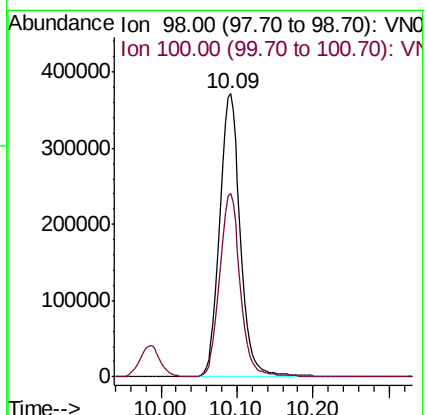
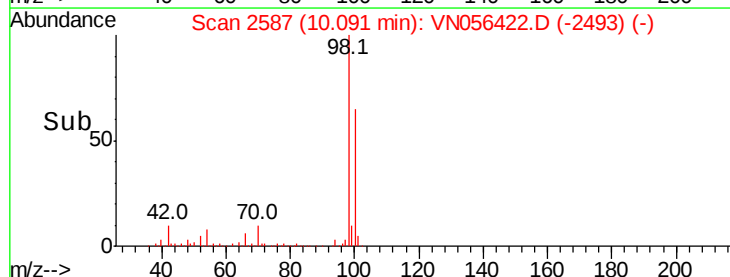
98 100

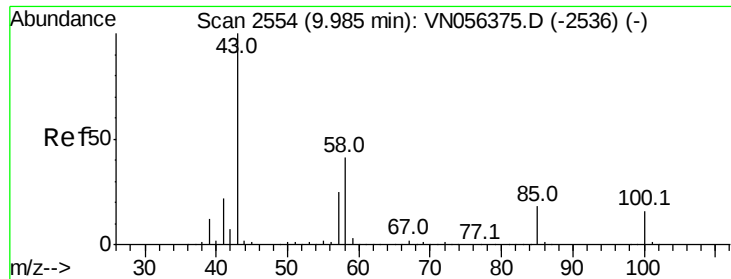
100 65.0 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

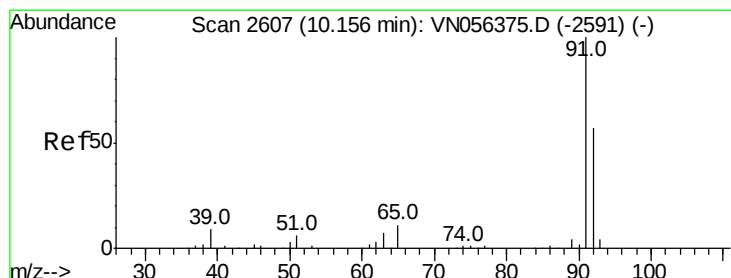
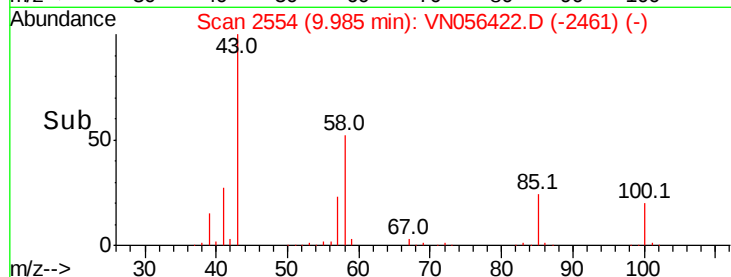
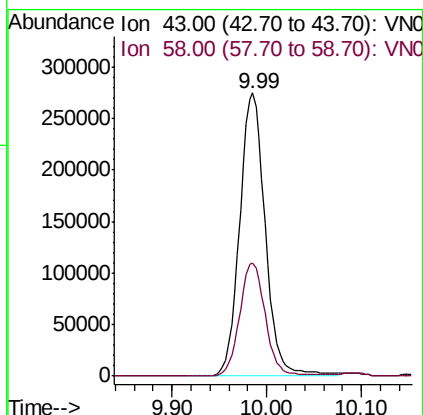
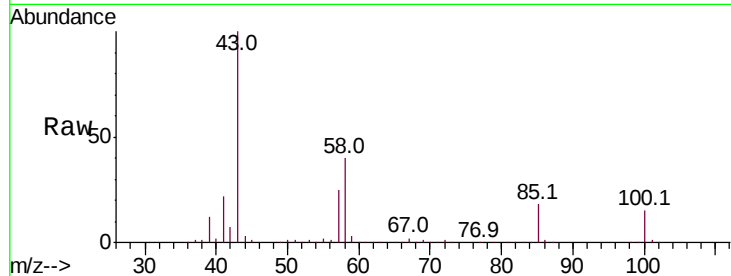




#51
4-Methyl-2-Pentanone
Concen: 103.917 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

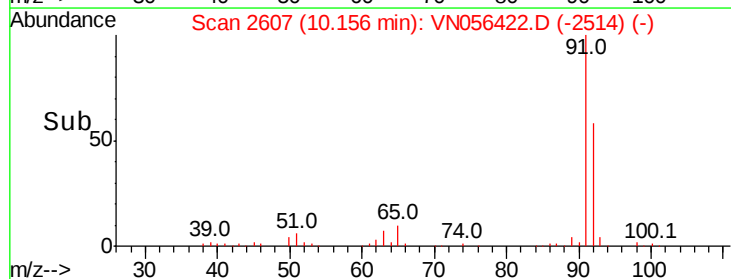
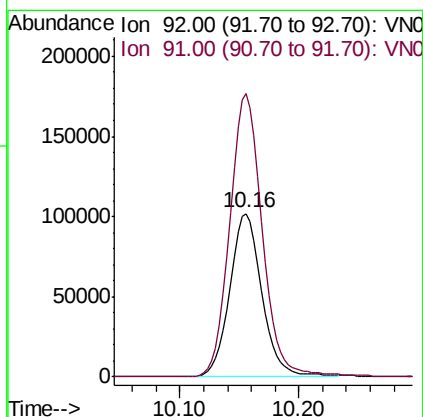
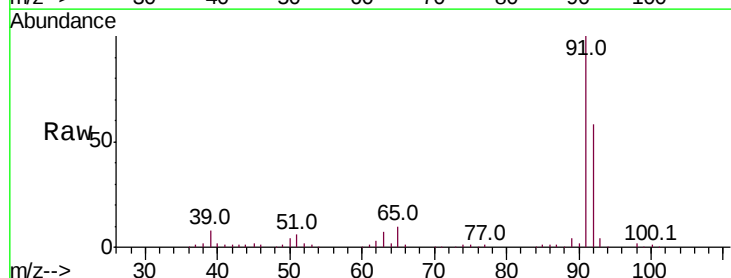
Instrument :
MSVOA_N
ClientSampleId :
VN0621MBS01

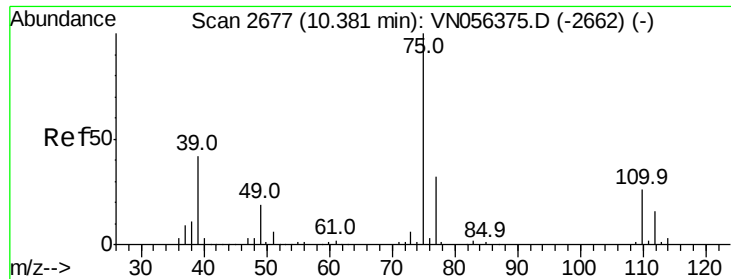
Tot Ion: 43 Resp: 515071
Ion Ratio Lower Upper
43 100
58 40.2 31.8 47.8



#52
Toluene
Concen: 20.016 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

Tgt Ion: 92 Resp: 190755
Ion Ratio Lower Upper
92 100
91 176.1 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 18.926 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampled :

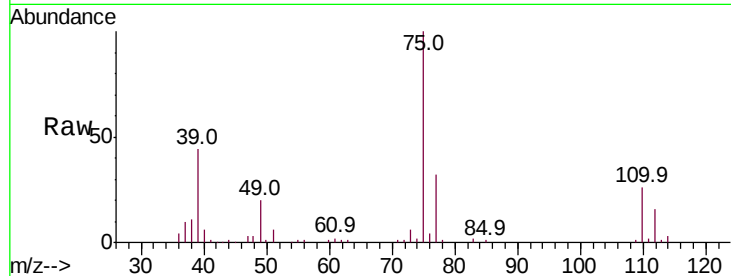
VN0621MBS01

Tot Ion: 75 Resp: 91693

Ion Ratio Lower Upper

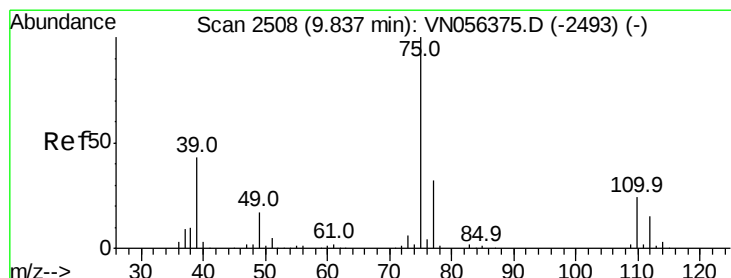
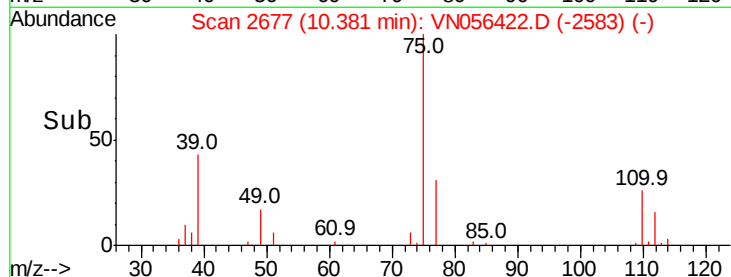
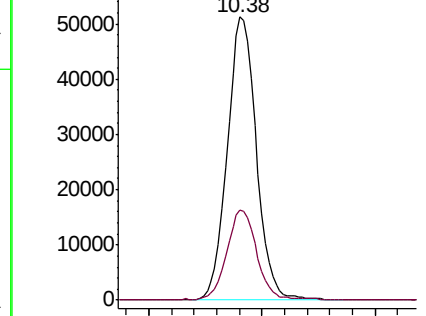
75 100

77 31.9 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: 19.924 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

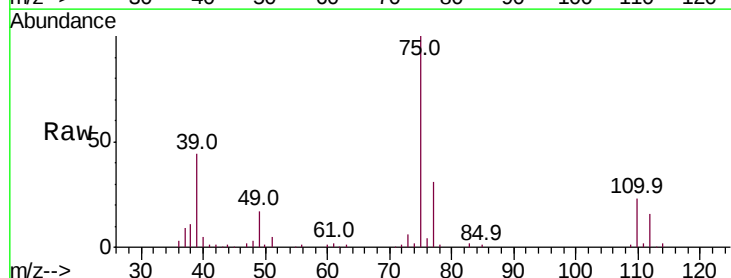
Tgt Ion: 75 Resp: 110986

Ion Ratio Lower Upper

75 100

77 31.2 25.2 37.8

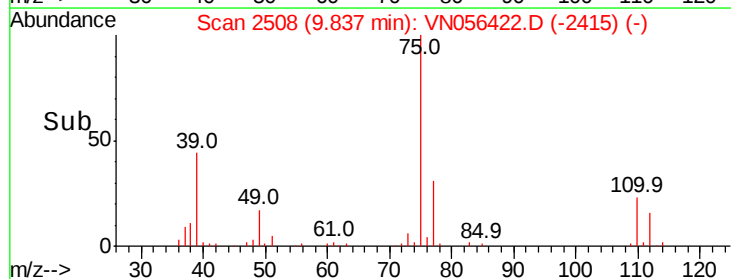
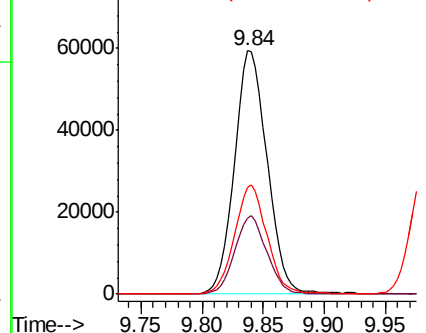
39 43.6 34.2 51.4

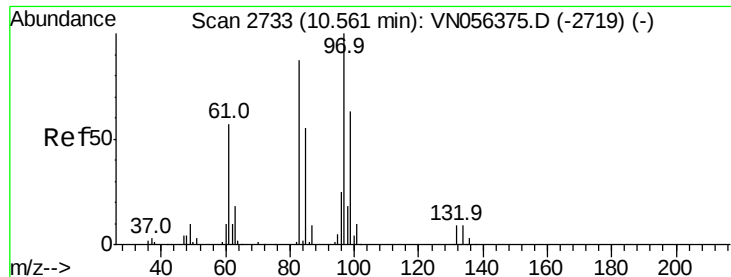


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 20.749 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

VN0621MBS01

Tot Ion: 97 Resp: 79484

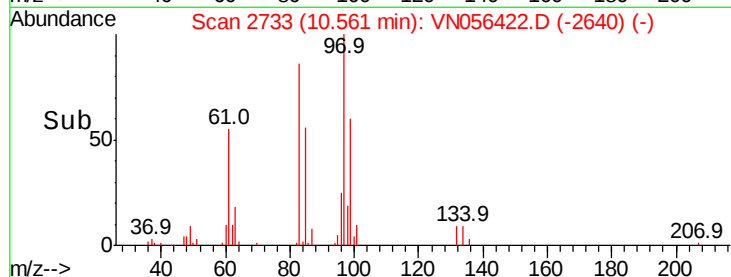
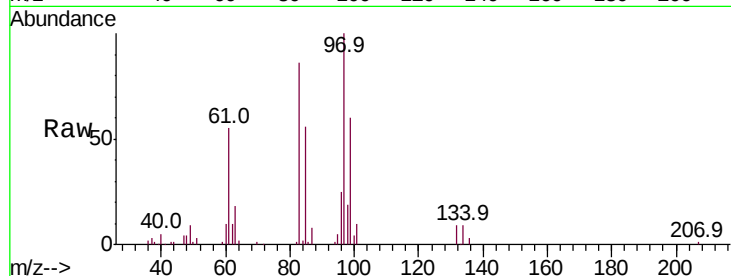
Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.8	104.6
85	56.5	43.8	65.8
99	60.4	50.2	75.2

97 100

83 86.3 69.8 104.6

85 56.5 43.8 65.8

99 60.4 50.2 75.2



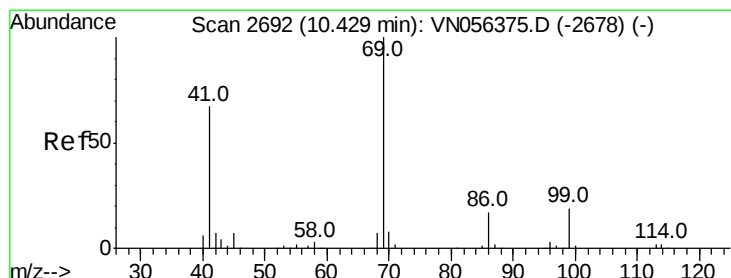
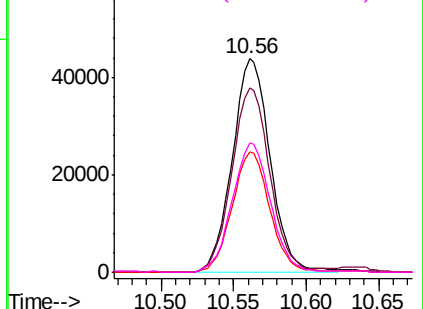
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 20.477 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

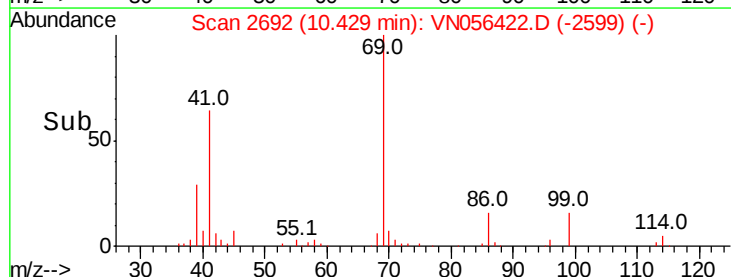
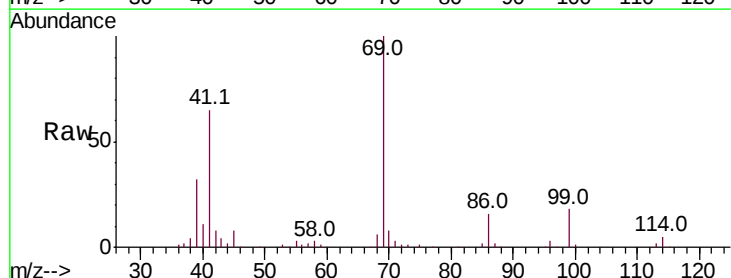
Tgt Ion: 69 Resp: 114639

Ion	Ratio	Lower	Upper
69	100		
41	64.0	51.4	77.2
39	32.2	24.7	37.1

69 100

41 64.0 51.4 77.2

39 32.2 24.7 37.1

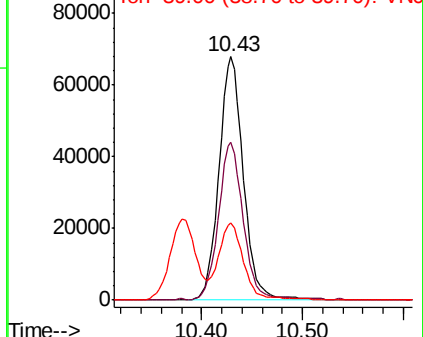


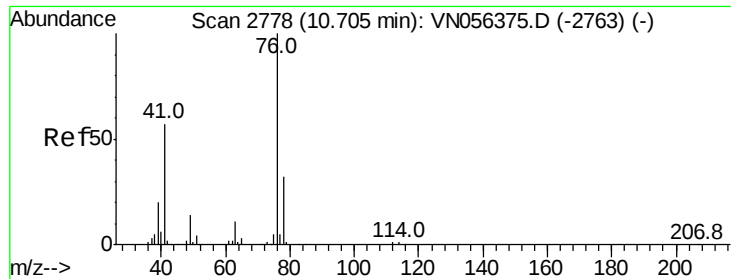
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 20.588 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampled :

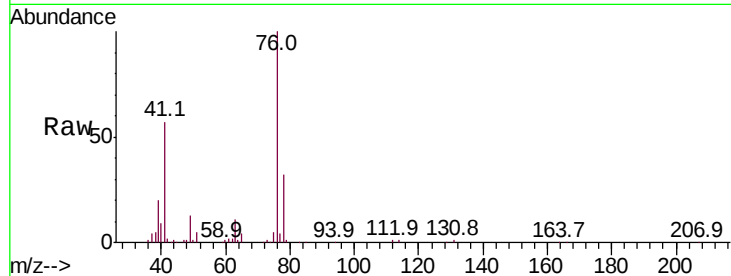
VN0621MBS01

Tot Ion: 76 Resp: 132491

Ion Ratio Lower Upper

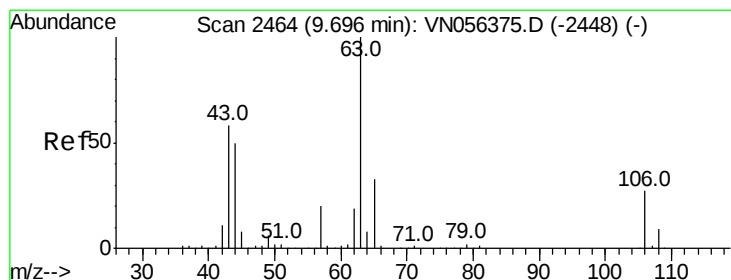
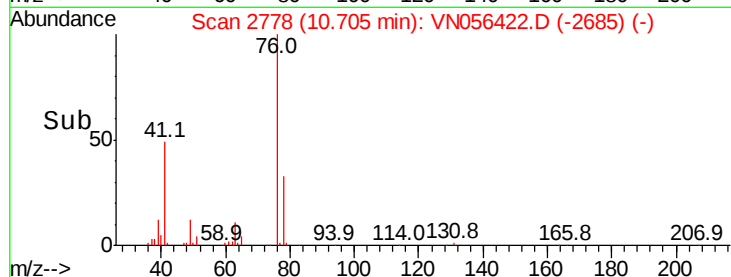
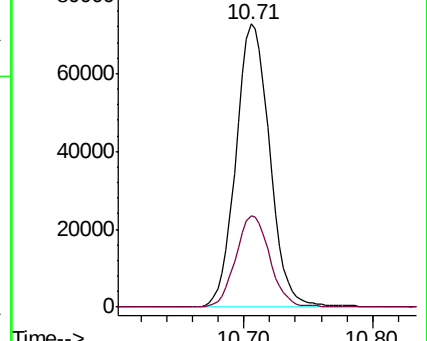
76 100

78 32.7 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 119.905 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN056422.D

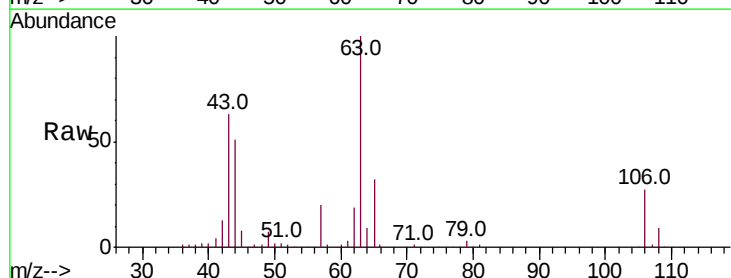
Acq: 21 Jun 2019 13:42

Tgt Ion: 63 Resp: 241158

Ion Ratio Lower Upper

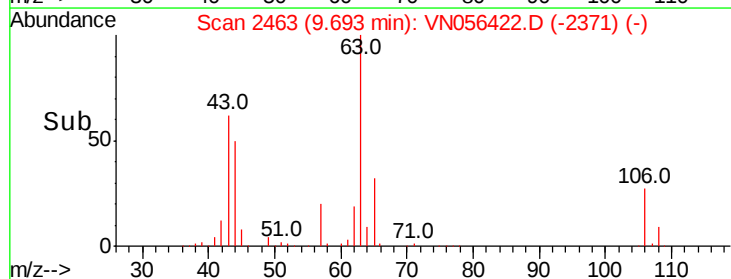
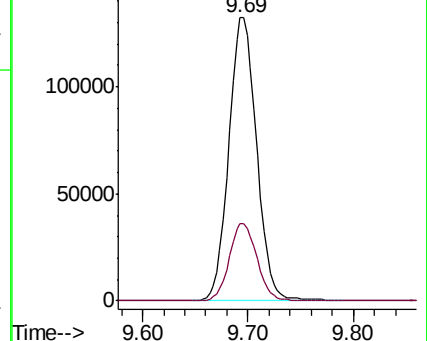
63 100

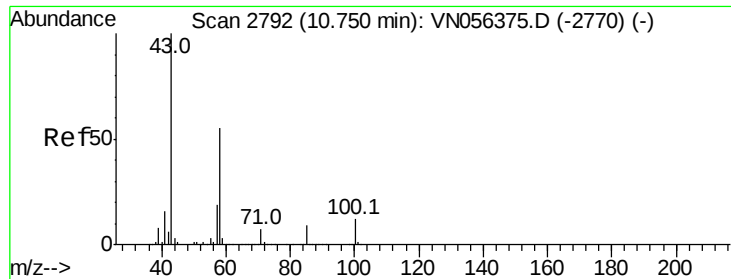
106 27.3 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

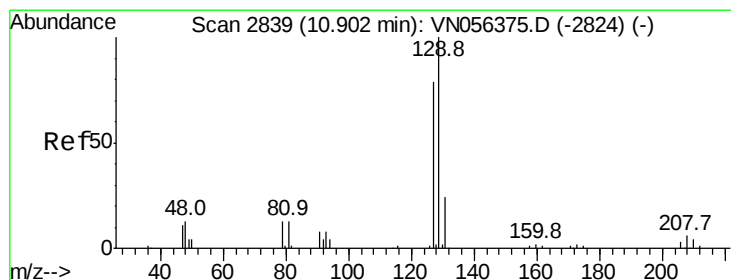
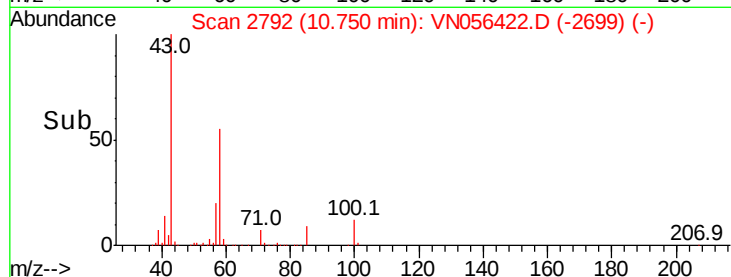
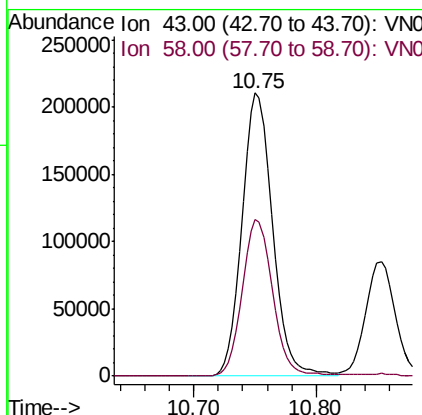
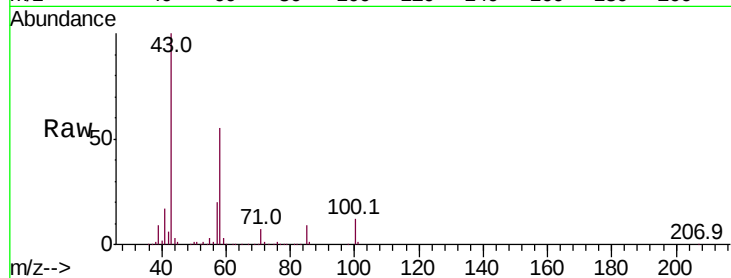




#59
2-Hexanone
Concen: 99.531 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

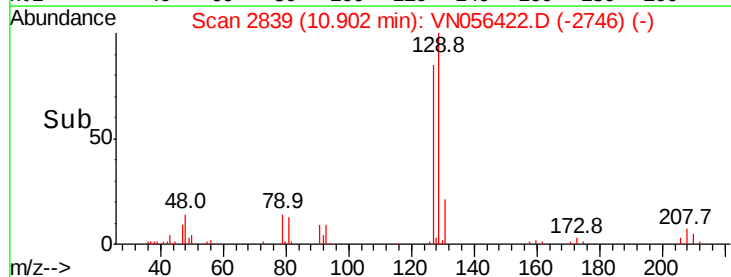
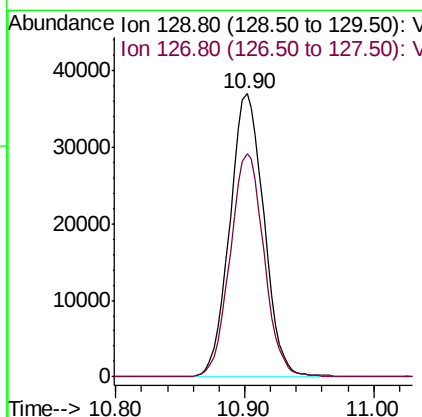
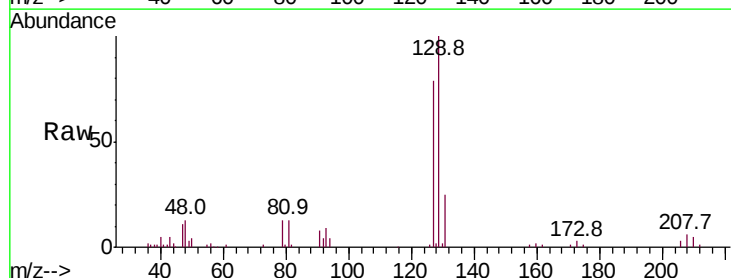
Instrument :
MSVOA_N
ClientSampleId :
VN0621MBS01

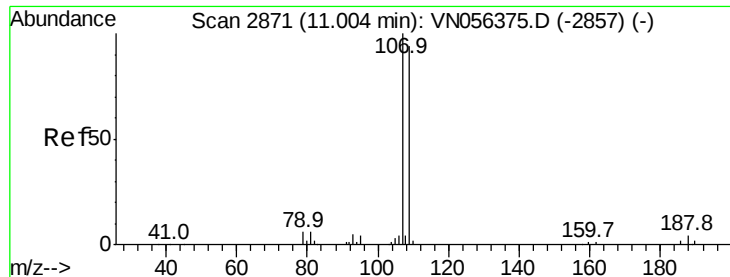
Tot Ion: 43 Resp: 362582
Ion Ratio Lower Upper
43 100
58 55.2 27.8 83.4



#60
Dibromochloromethane
Concen: 18.822 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

Tgt Ion: 129 Resp: 67971
Ion Ratio Lower Upper
129 100
127 78.3 38.9 116.7

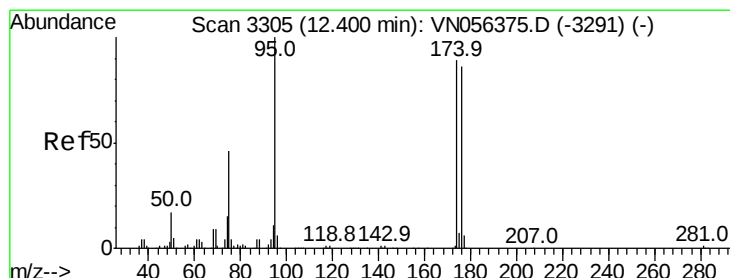
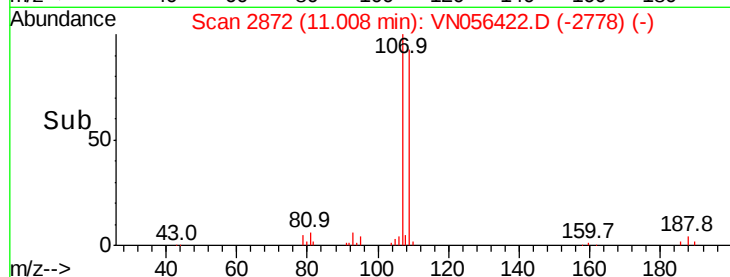
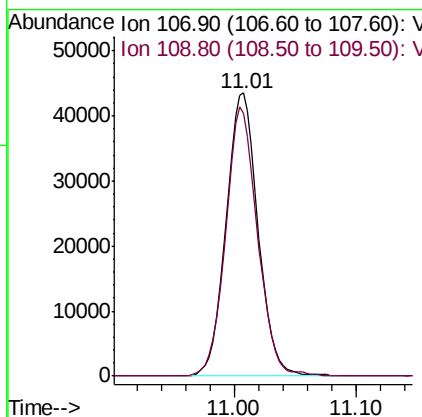
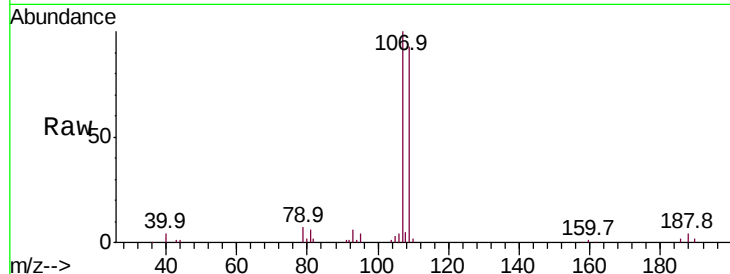




#61
1,2-Dibromoethane
Concen: 20.332 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

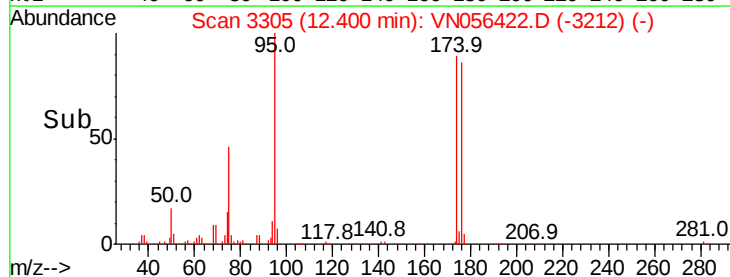
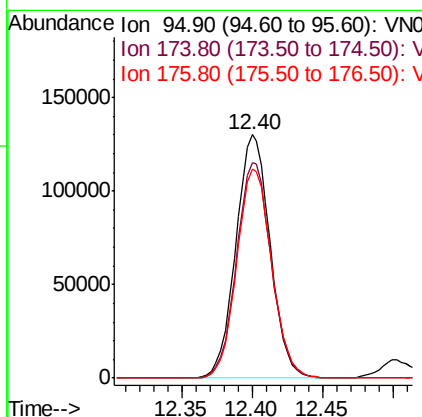
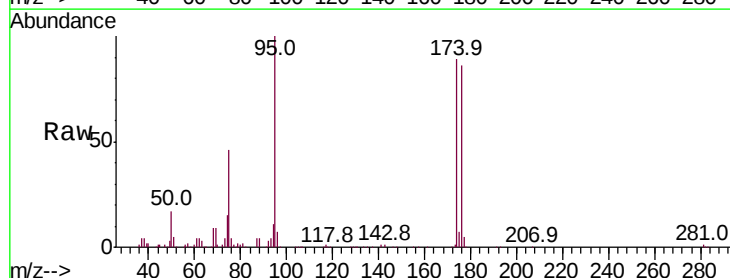
Instrument :
MSVOA_N
ClientSampleId :
VN0621MBS01

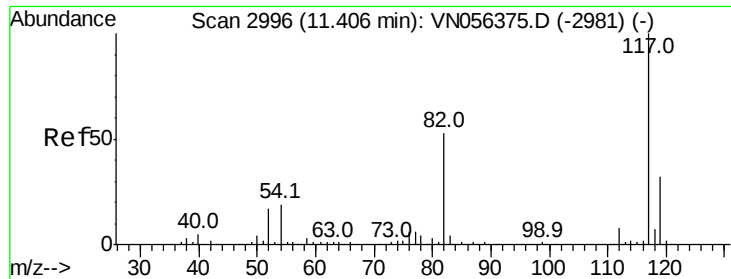
Tot Ion:107 Resp: 79549
Ion Ratio Lower Upper
107 100
109 94.7 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 47.602 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

Tgt Ion: 95 Resp: 221778
Ion Ratio Lower Upper
95 100
174 89.6 0.0 179.4
176 87.3 0.0 173.4

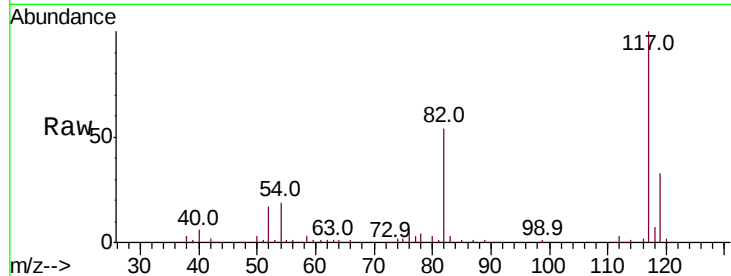




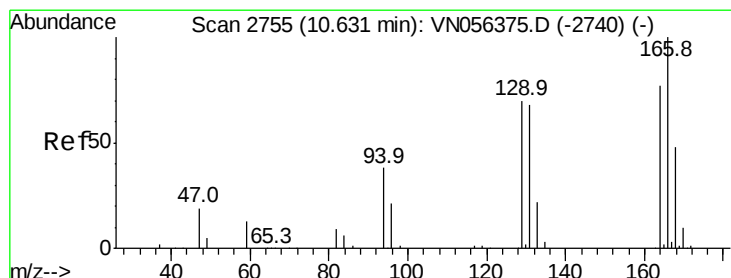
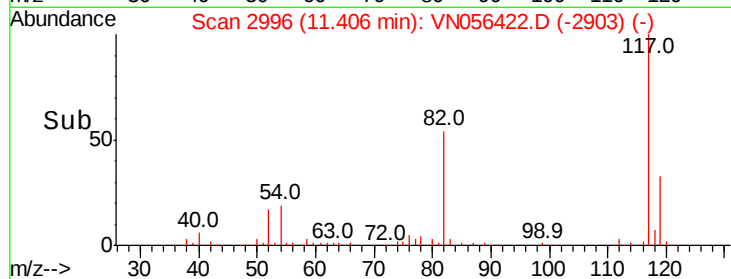
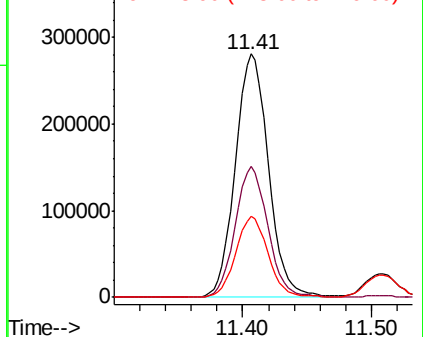
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

Instrument :
MSVOA_N
ClientSampleId :
VN0621MBS01

Tot Ion:117 Resp: 502048
Ion Ratio Lower Upper
117 100
82 53.6 42.0 63.0
119 33.1 25.3 37.9

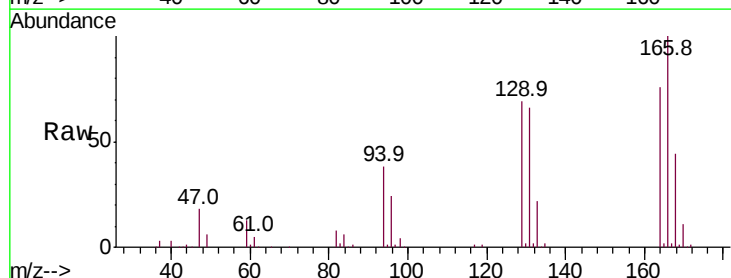


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

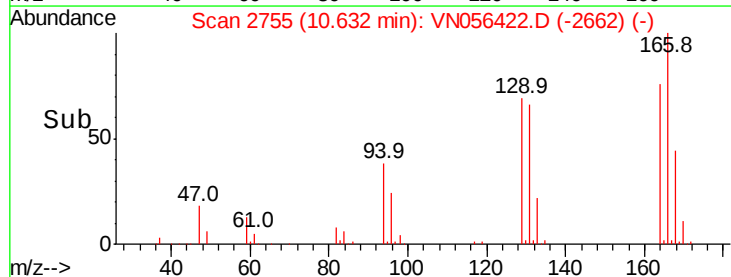
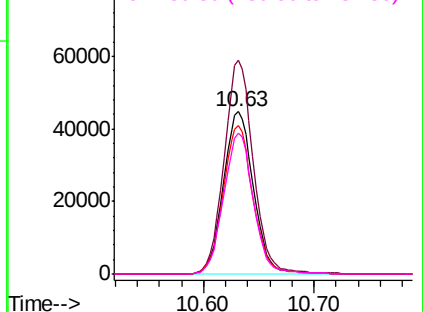


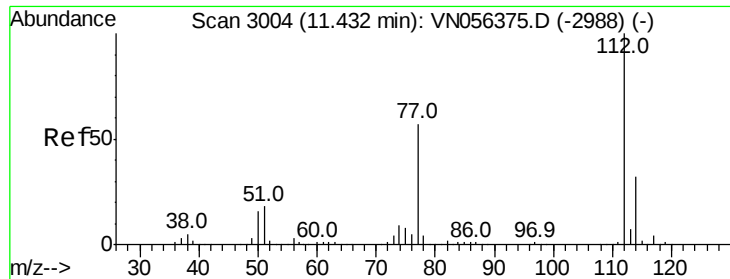
#64
Tetrachloroethene
Concen: 21.216 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

Tgt Ion:164 Resp: 84351
Ion Ratio Lower Upper
164 100
166 131.7 103.4 155.0
129 91.4 72.0 108.0
131 86.7 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

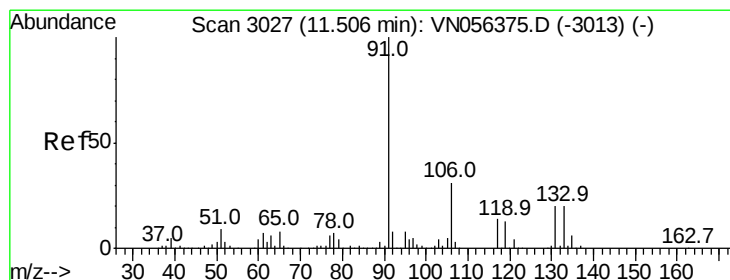
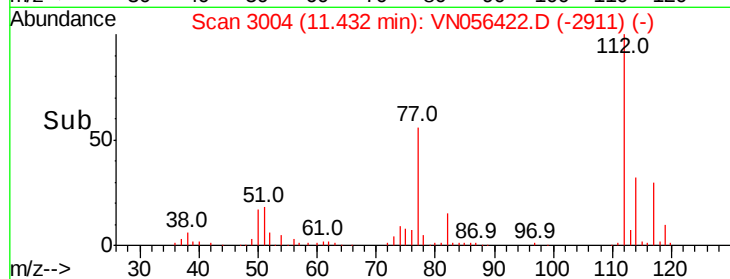
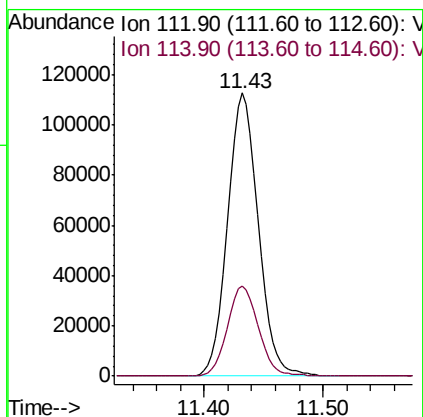
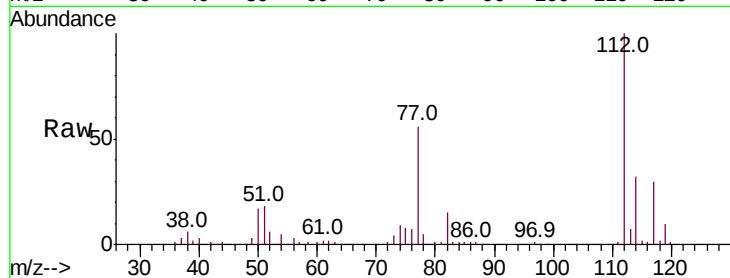




#65
Chlorobenzene
Concen: 19.982 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

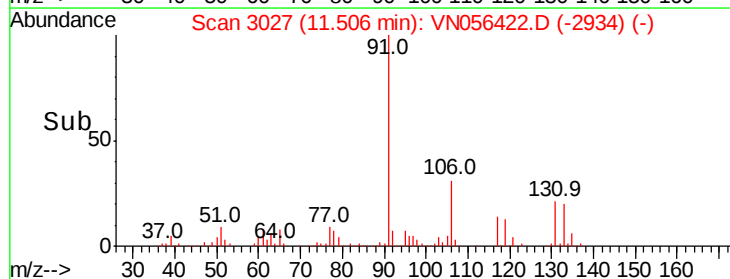
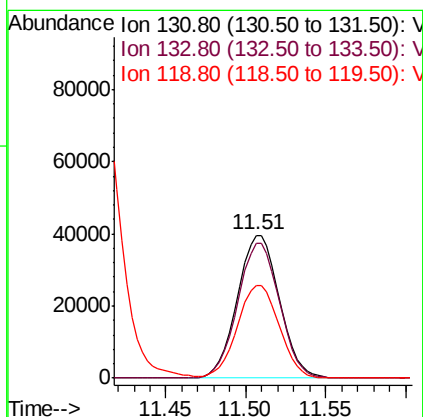
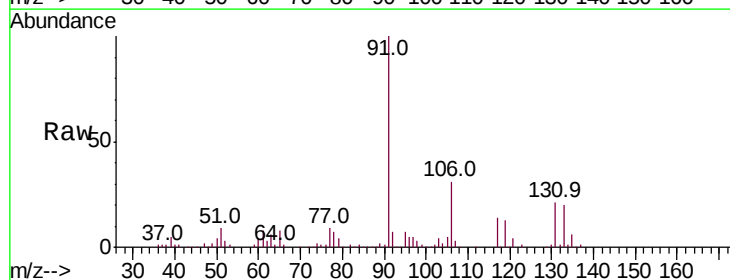
Instrument :
MSVOA_N
ClientSampleId :
VN0621MBS01

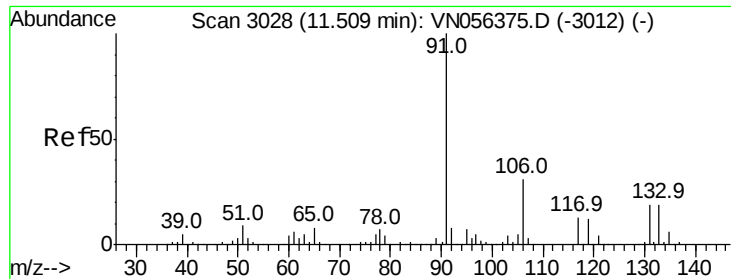
Tot Ion:112 Resp: 201575
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 20.818 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

Tgt Ion:131 Resp: 70978
Ion Ratio Lower Upper
131 100
133 94.2 47.4 142.2
119 64.9 32.8 98.4

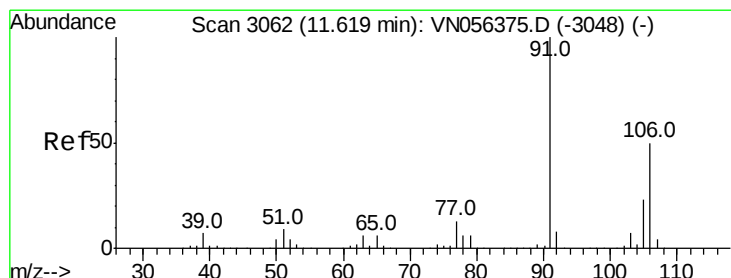
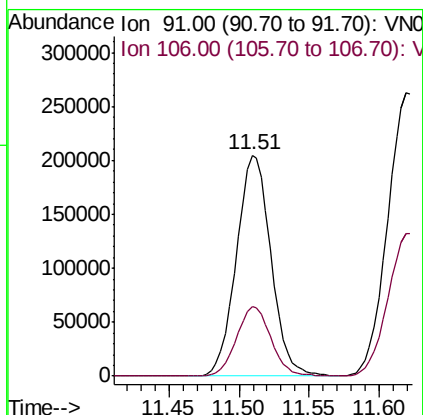
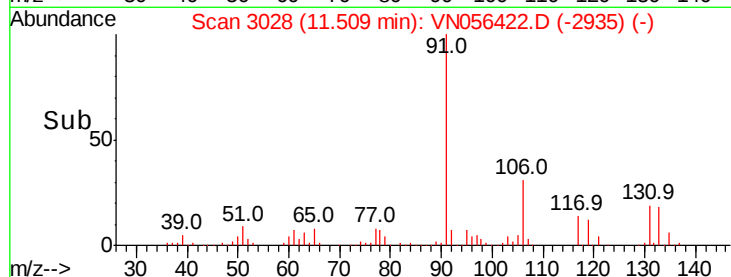
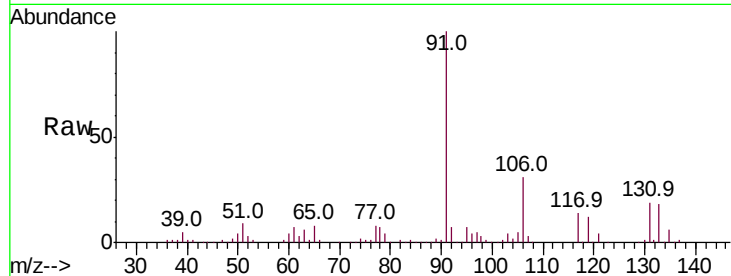




#67
Ethyl Benzene
Concen: 19.932 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

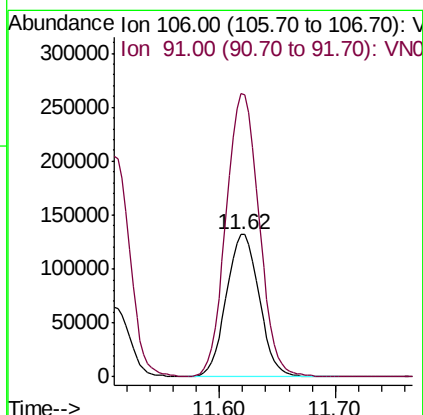
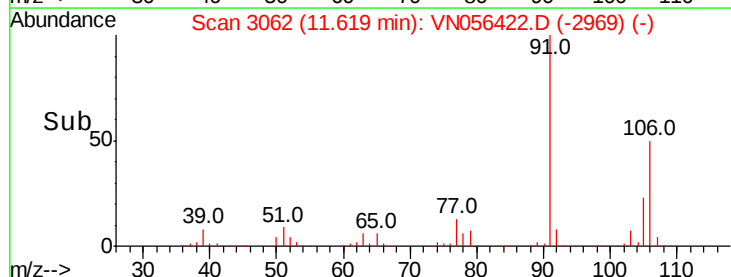
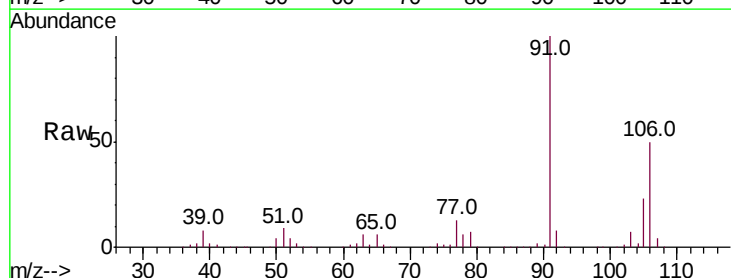
Instrument :
MSVOA_N
ClientSampled :
VN0621MBS01

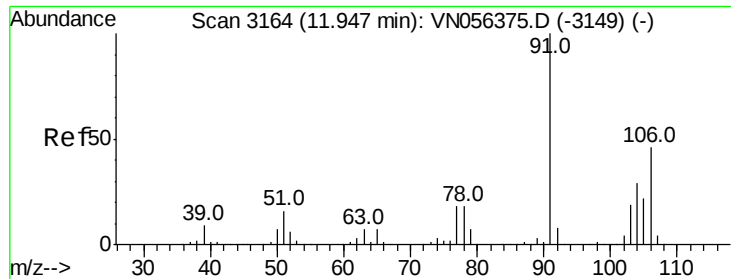
Tot Ion: 91 Resp: 353050
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7



#68
m/p-Xylenes
Concen: 40.056 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

Tgt Ion: 106 Resp: 260021
Ion Ratio Lower Upper
106 100
91 200.0 160.1 240.1

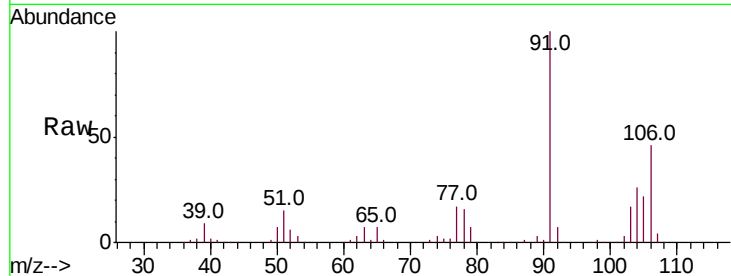




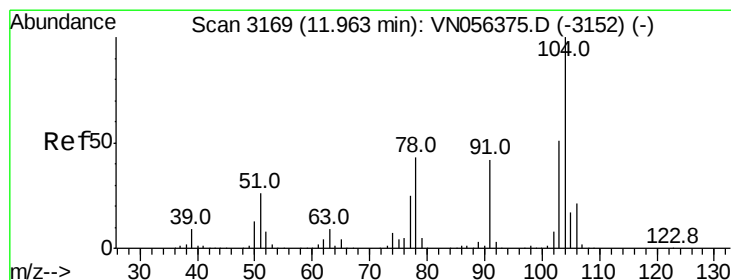
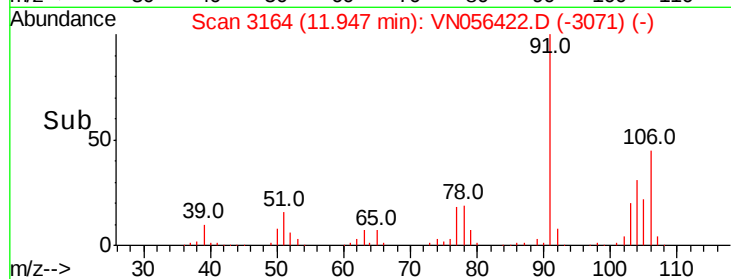
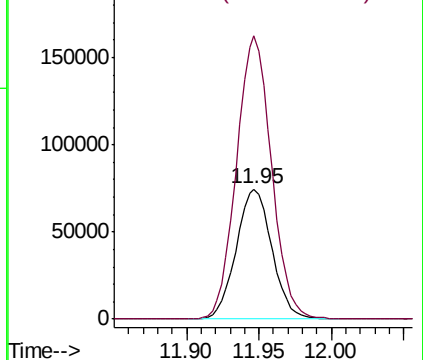
#69
o-Xylene
Concen: 19.884 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

Instrument :
MSVOA_N
ClientSampleId :
VN0621MBS01

Tot Ion:106 Resp: 127696
Ion Ratio Lower Upper
106 100
91 213.5 107.1 321.3

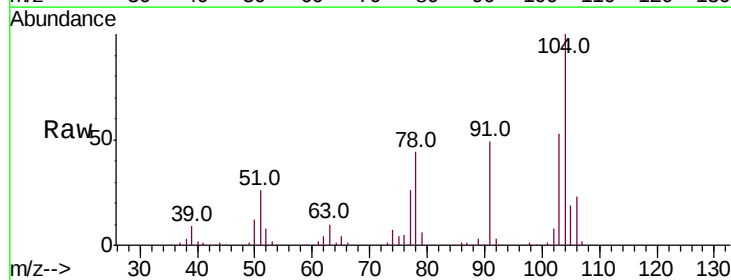


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

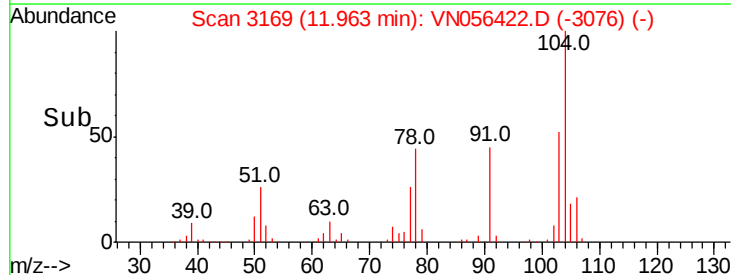
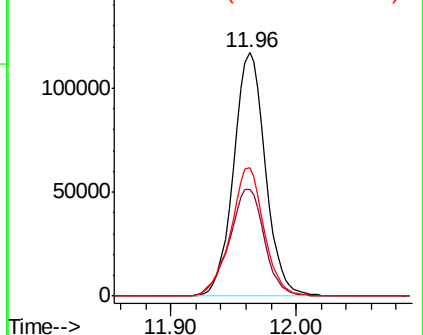


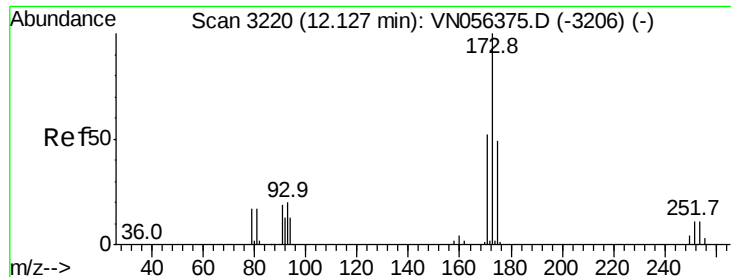
#70
Styrene
Concen: 20.099 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

Tgt Ion:104 Resp: 206319
Ion Ratio Lower Upper
104 100
78 48.4 38.6 57.8
103 55.1 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

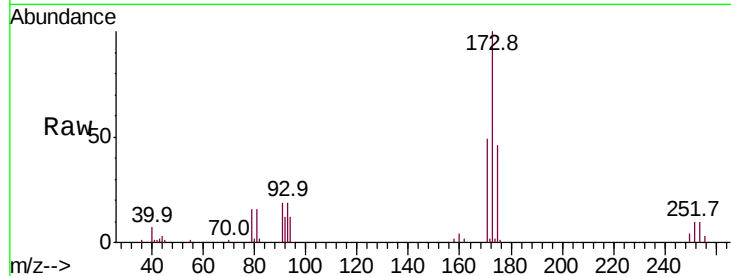




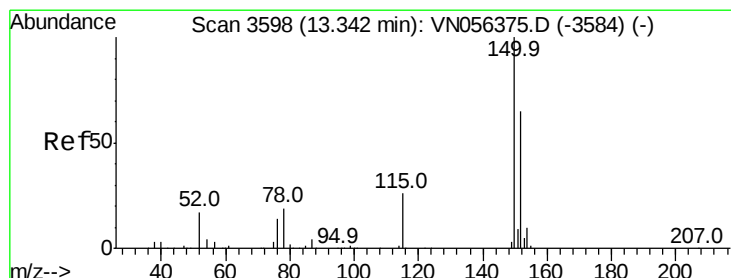
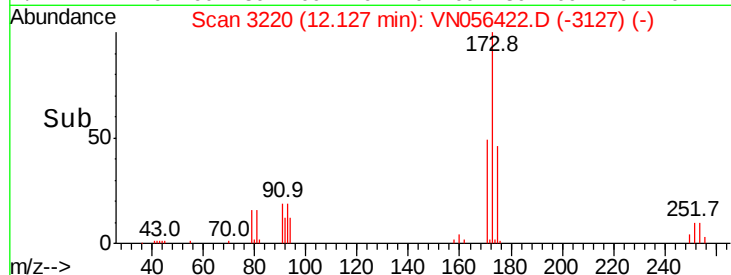
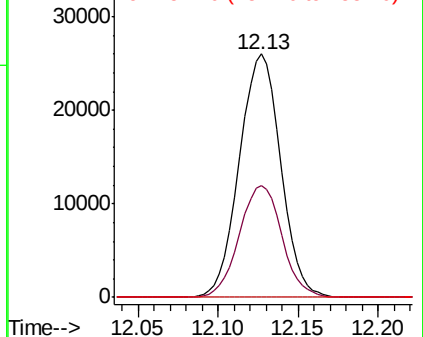
#71
Bromoform
Concen: 18.850 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

Instrument :
MSVOA_N
ClientSampleId :
VN0621MBS01

Tot Ion:173 Resp: 46101
Ion Ratio Lower Upper
173 100
175 47.2 24.4 73.4
254 0.0 0.0 0.0

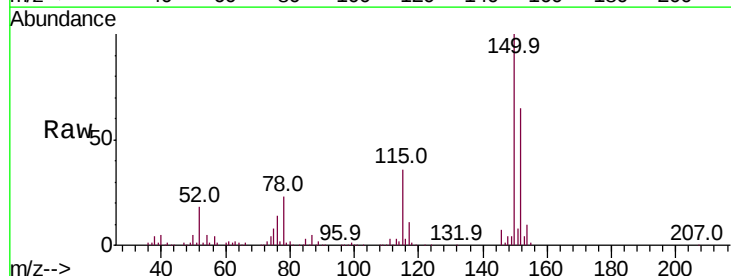


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

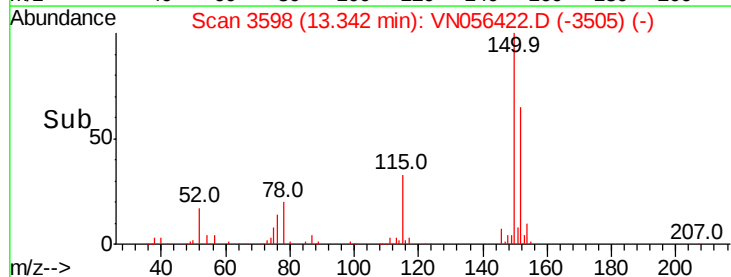
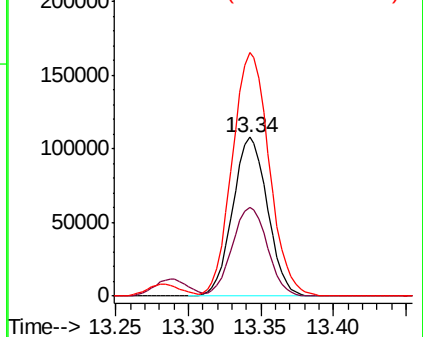


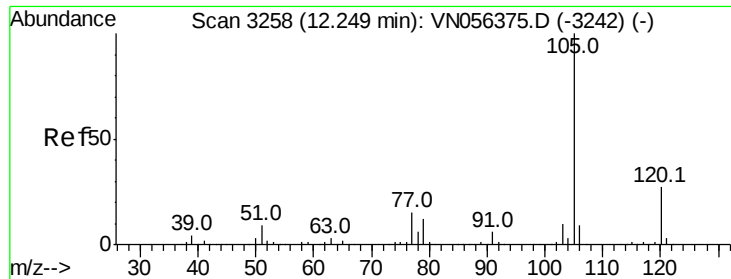
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

Tgt Ion:152 Resp: 180265
Ion Ratio Lower Upper
152 100
115 56.8 28.1 84.4
150 162.4 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: 23.919 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

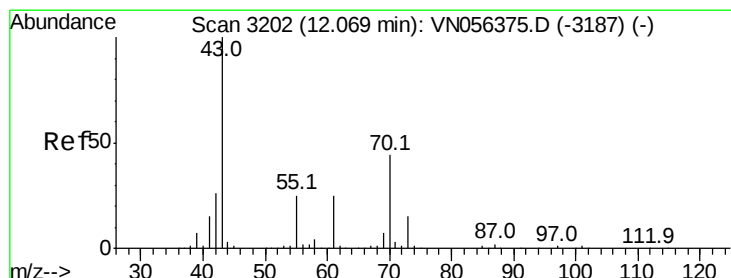
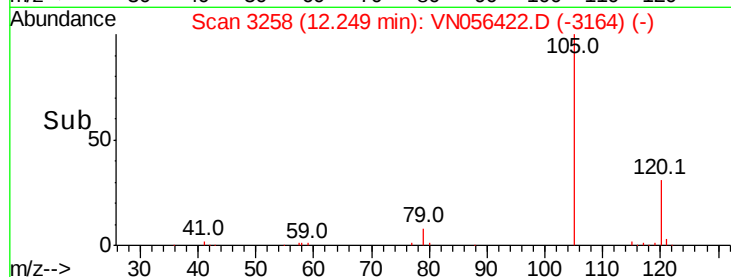
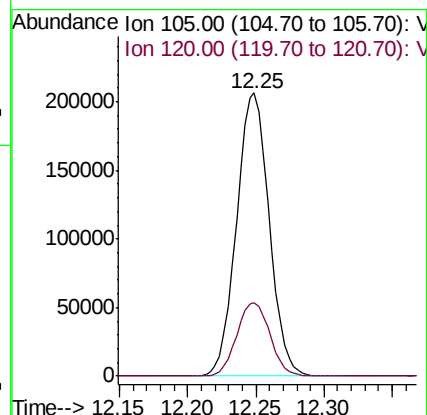
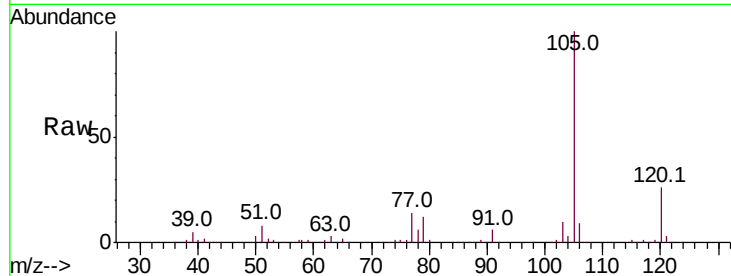
VN0621MBS01

Tot Ion:105 Resp: 342832

Ion Ratio Lower Upper

105 100

120 26.5 13.4 40.2



#74

N-ethyl acetate

Concen: 21.296 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

Tgt Ion: 43 Resp: 122179

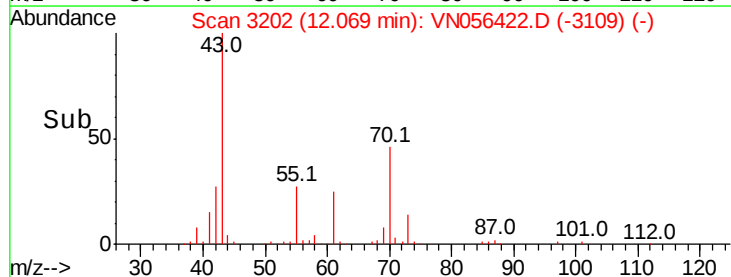
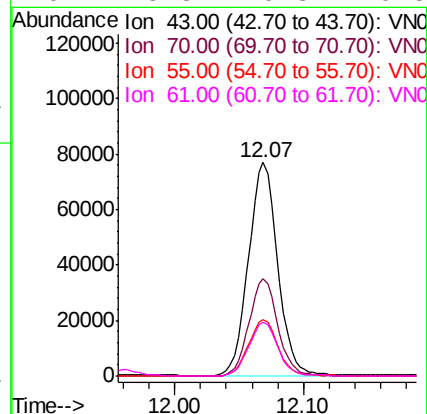
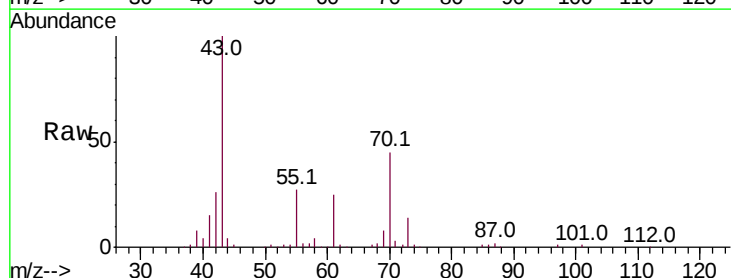
Ion Ratio Lower Upper

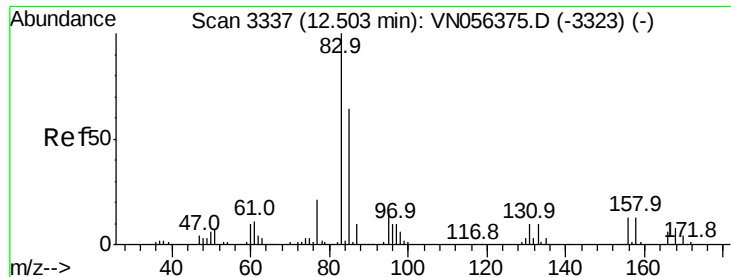
43 100

70 44.8 34.9 52.3

55 26.3 20.4 30.6

61 25.3 19.8 29.8





#75

1,1,2,2-Tetrachloroethane

Concen: 23.770 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

VN0621MBS01

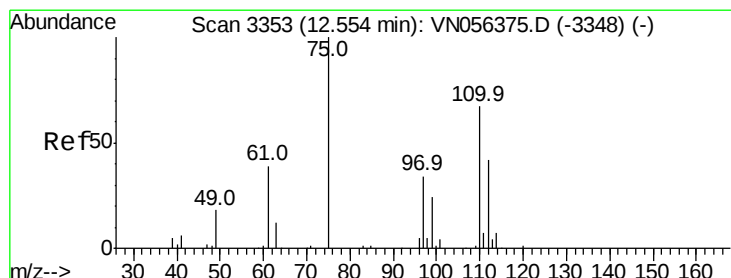
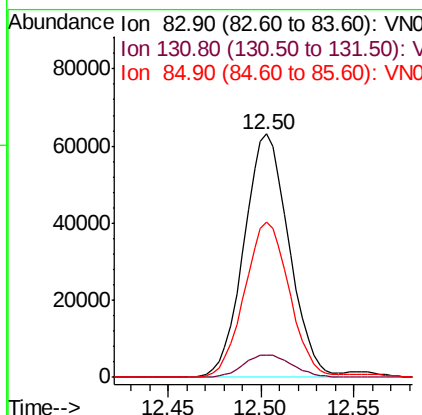
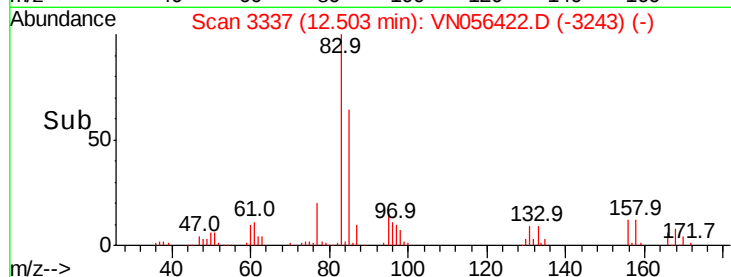
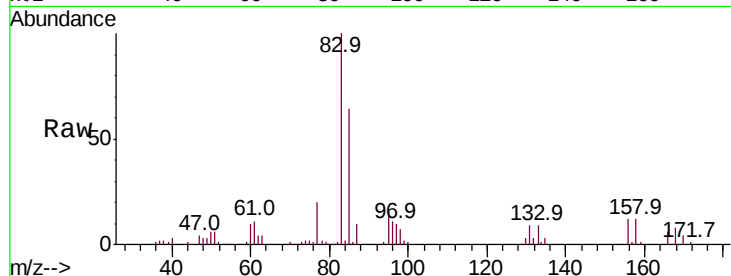
Tot Ion: 83 Resp: 106396

Ion Ratio Lower Upper

83 100

131 10.0 5.3 15.8

85 63.5 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 25.001 ug/l m

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056422.D

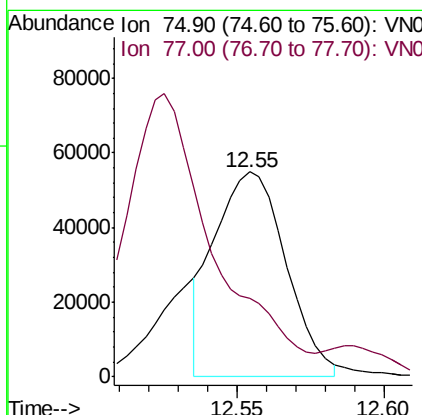
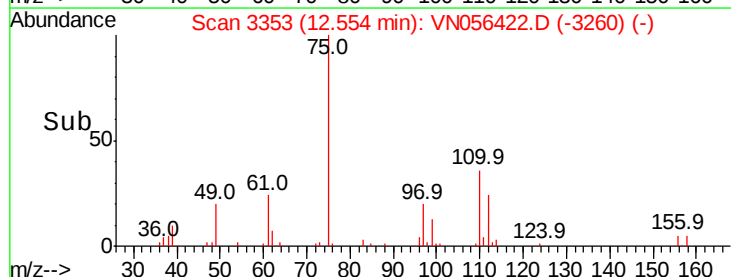
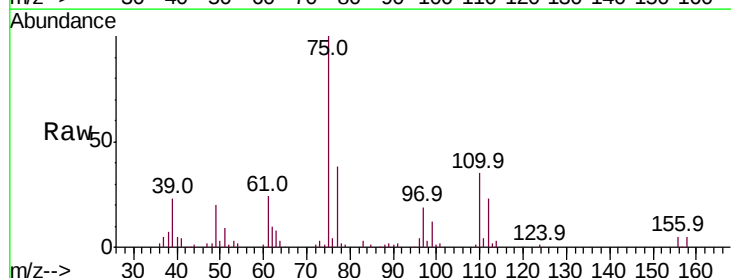
Acq: 21 Jun 2019 13:42

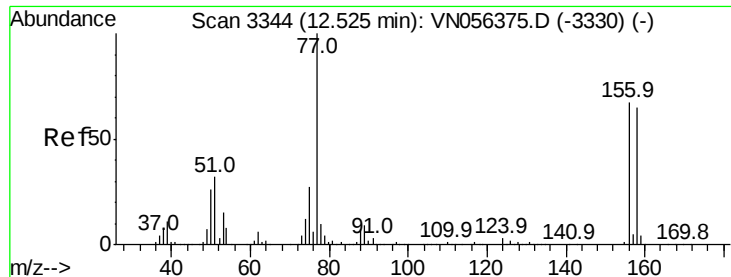
Tgt Ion: 75 Resp: 93450

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.312 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampled :

VN0621MBS01

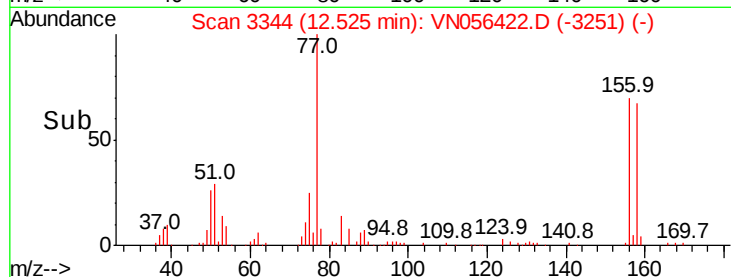
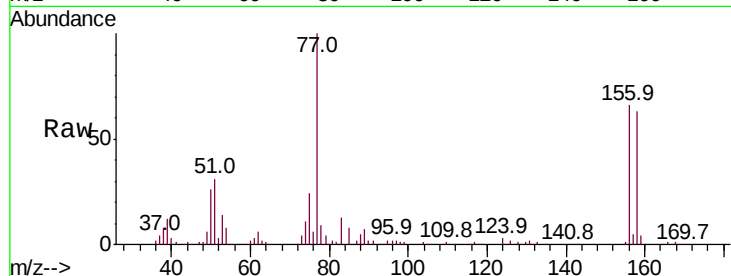
Tot Ion:156 Resp: 85901

Ion Ratio Lower Upper

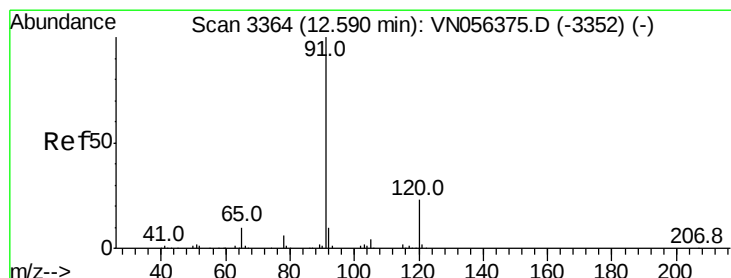
156 100

77 185.8 92.5 277.3

158 98.4 48.7 146.1



Time-->



#78

n-propylbenzene

Concen: 21.079 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056422.D

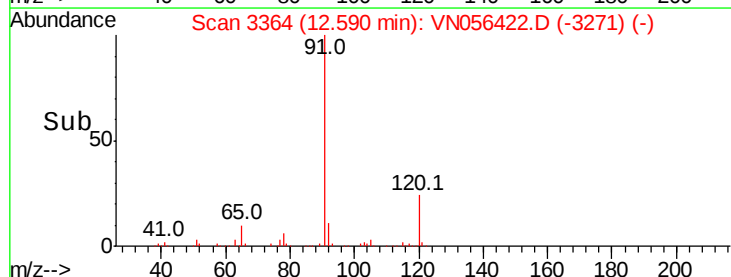
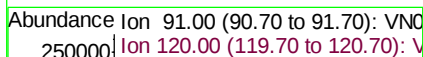
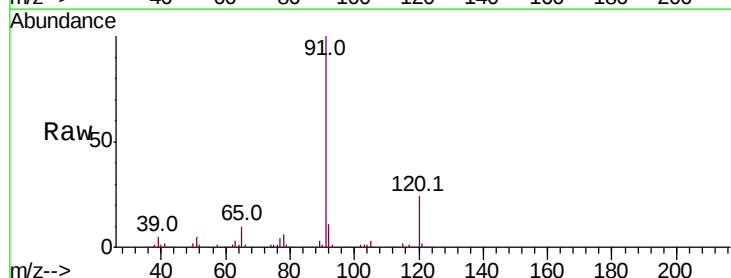
Acq: 21 Jun 2019 13:42

Tgt Ion: 91 Resp: 347967

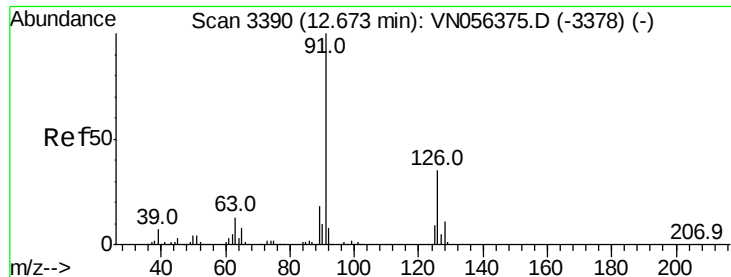
Ion Ratio Lower Upper

91 100

120 23.7 11.8 35.4



Time-->



#79

2-Chlorotoluene

Concen: 22.708 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

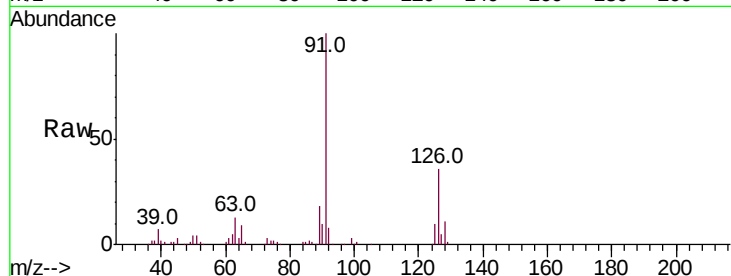
VN0621MBS01

Tot Ion: 91 Resp: 218053

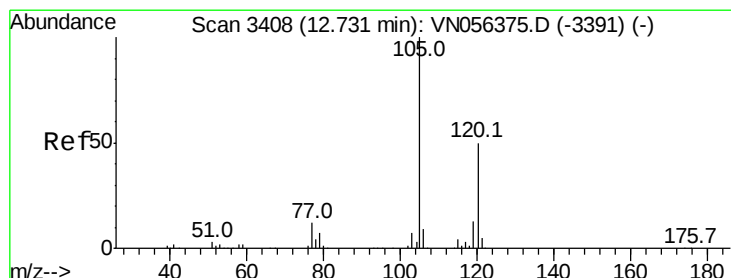
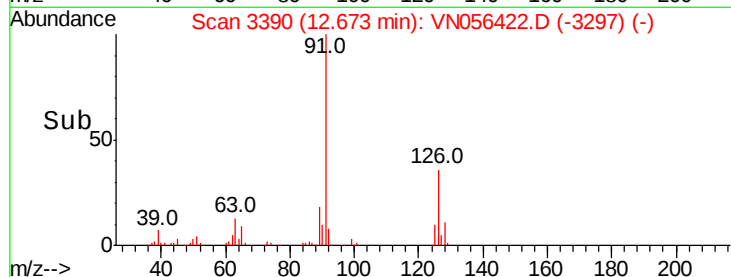
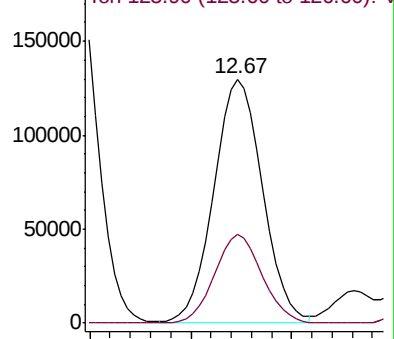
Ion Ratio Lower Upper

91 100

126 35.8 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN056375.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.622 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056422.D

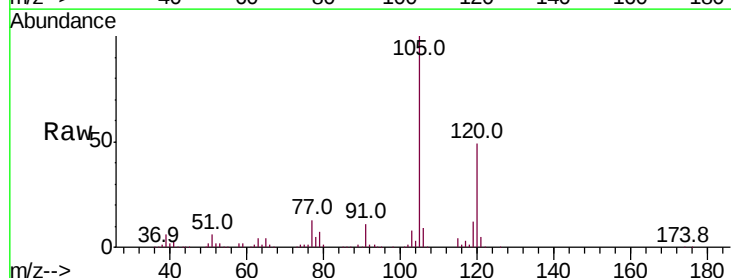
Acq: 21 Jun 2019 13:42

Tgt Ion: 105 Resp: 270674

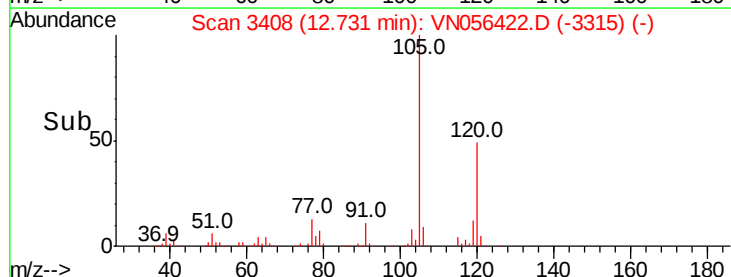
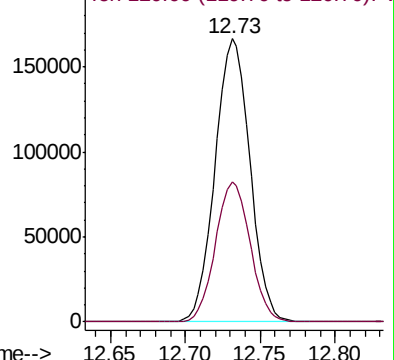
Ion Ratio Lower Upper

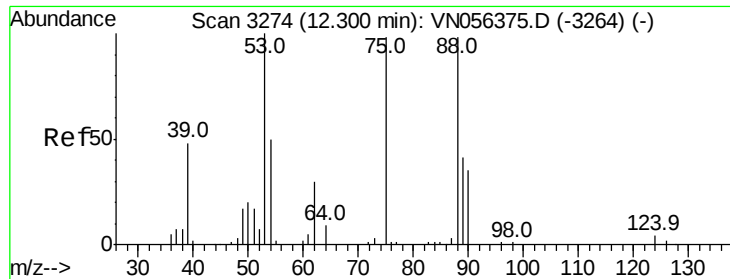
105 100

120 49.1 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VN056375.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.249 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

VN0621MBS01

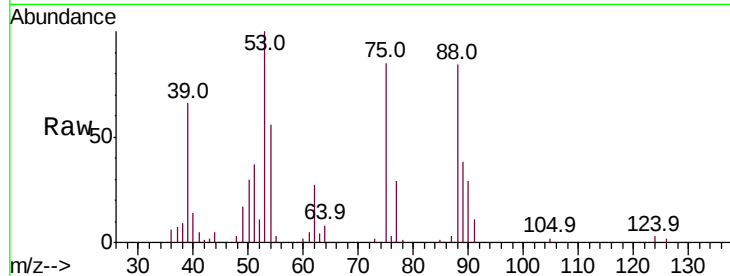
Tot Ion: 75 Resp: 21296

Ion	Ratio	Lower	Upper
75	100		
53	113.3	83.9	125.9
89	43.4	35.0	52.6

75 100

53 113.3 83.9 125.9

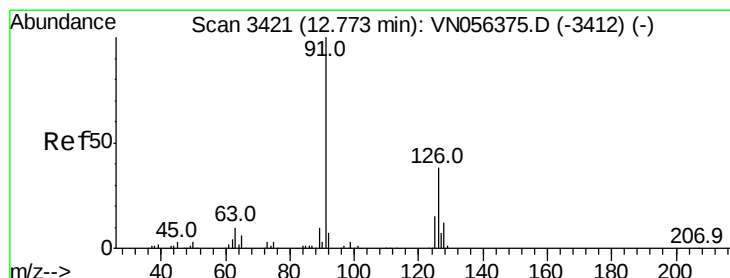
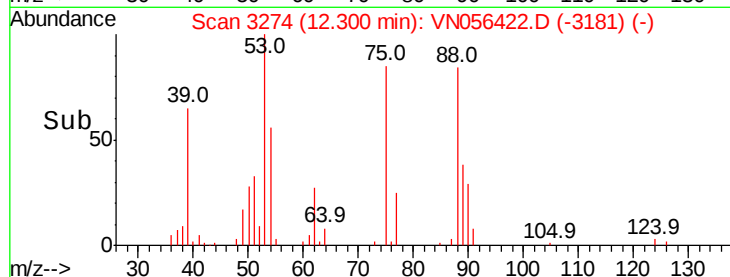
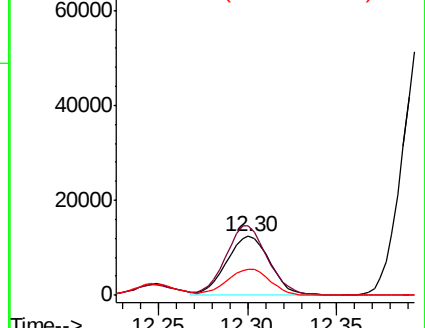
89 43.4 35.0 52.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.337 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056422.D

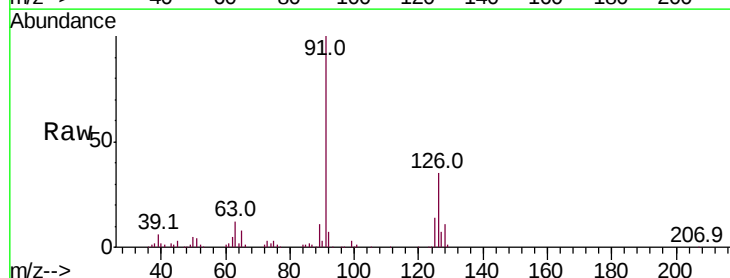
Acq: 21 Jun 2019 13:42

Tgt Ion: 91 Resp: 198220

Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.3	52.0

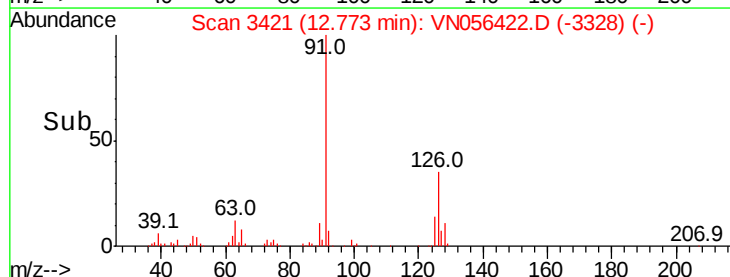
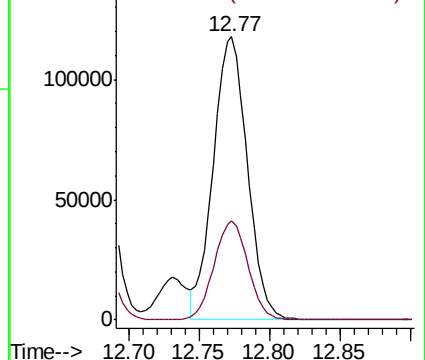
91 100

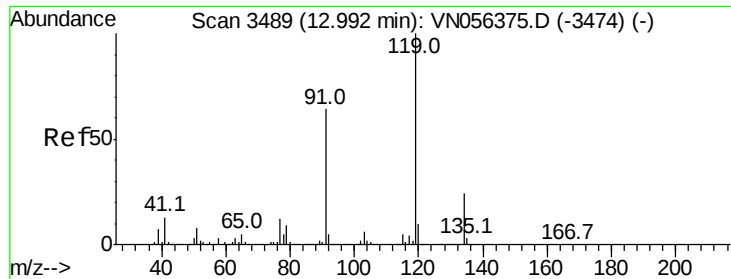
126 34.7 17.3 52.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 23.093 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

VN0621MBS01

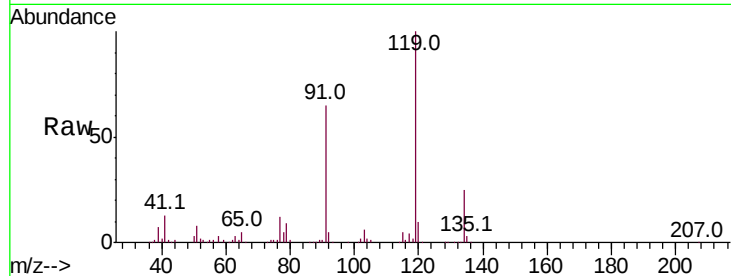
Tot Ion:119 Resp: 242966

Ion Ratio Lower Upper

119 100

91 63.8 31.6 94.7

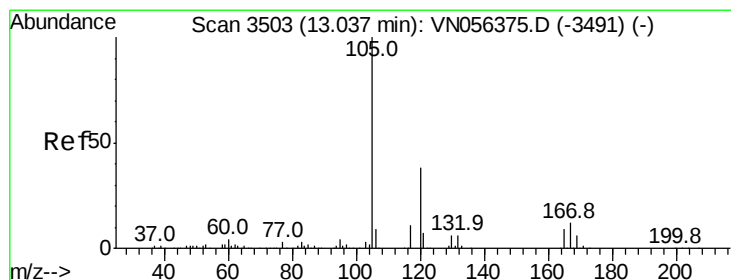
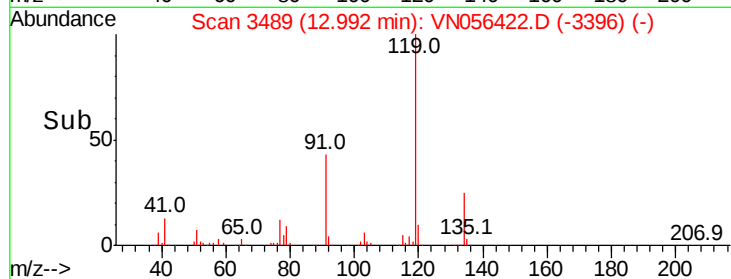
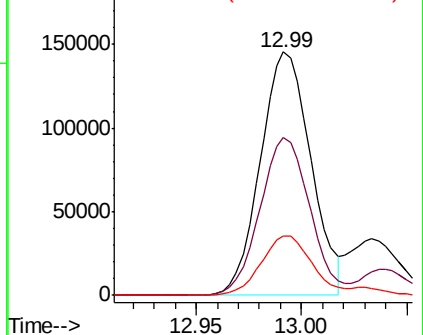
134 24.5 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.854 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN056422.D

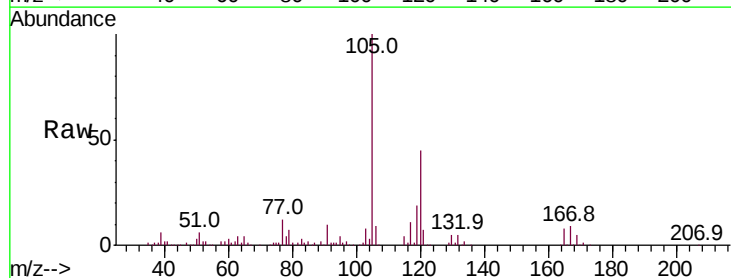
Acq: 21 Jun 2019 13:42

Tgt Ion:105 Resp: 253075

Ion Ratio Lower Upper

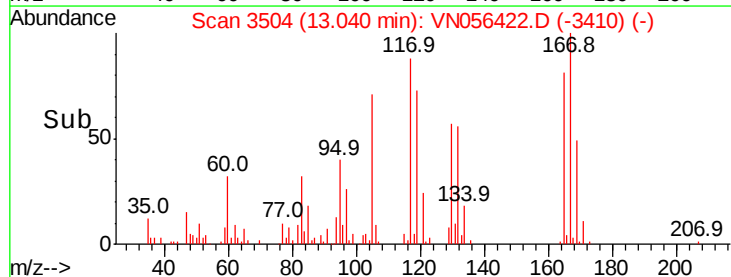
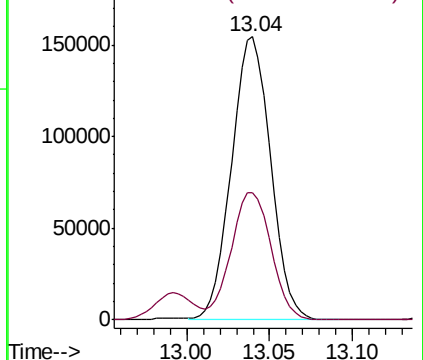
105 100

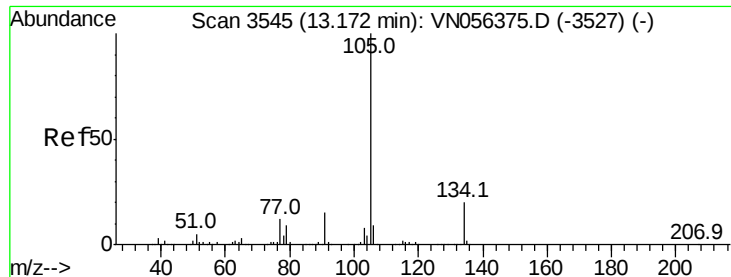
120 46.1 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.996 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

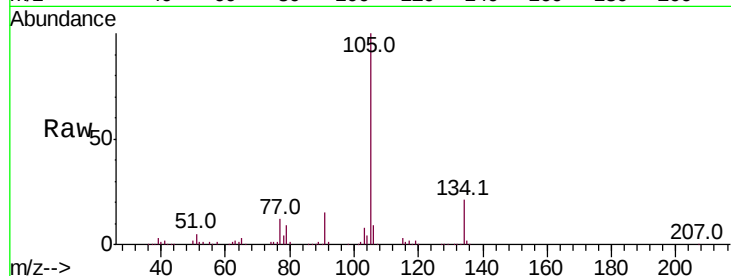
VN0621MBS01

Tot Ion:105 Resp: 304642

Ion Ratio Lower Upper

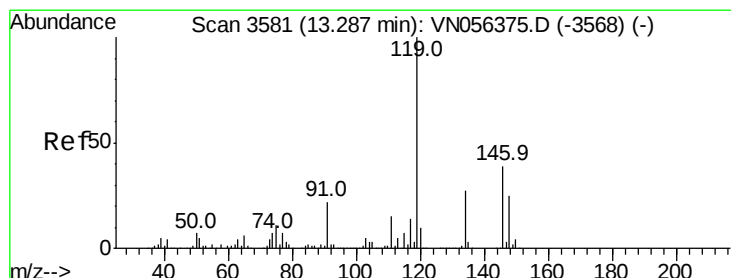
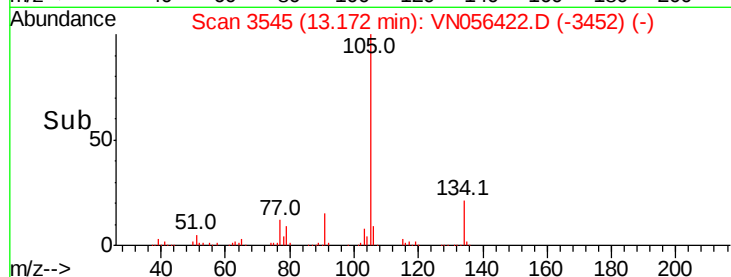
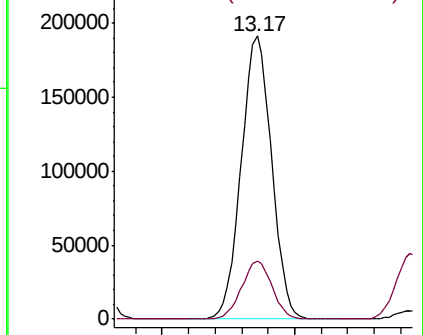
105 100

134 20.3 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: 20.774 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

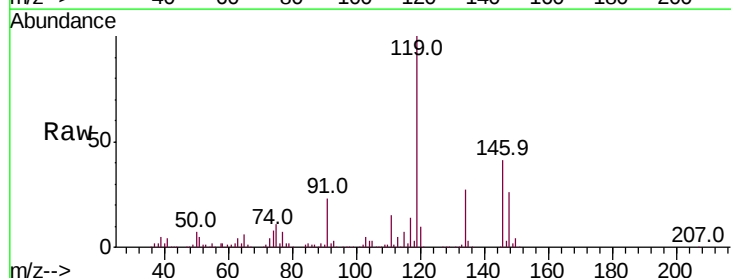
Tgt Ion:119 Resp: 258681

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

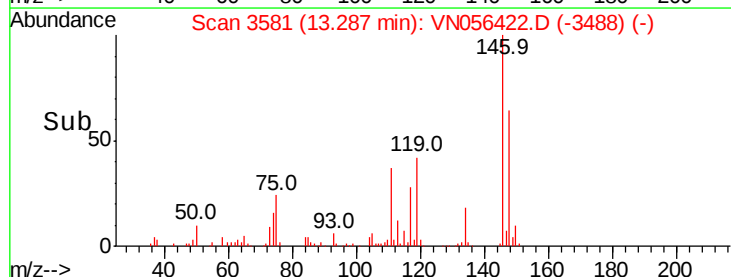
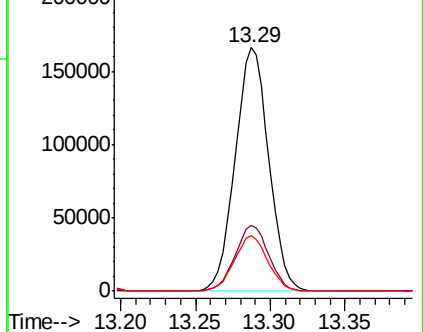
91 22.6 11.2 33.5

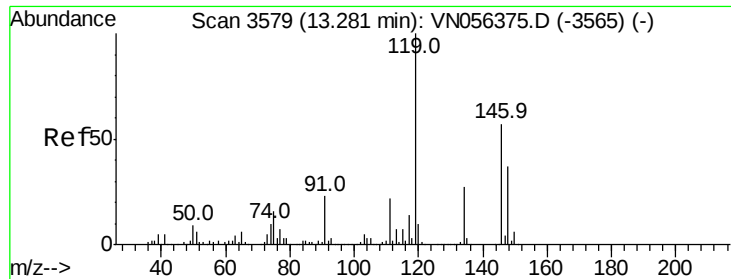


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

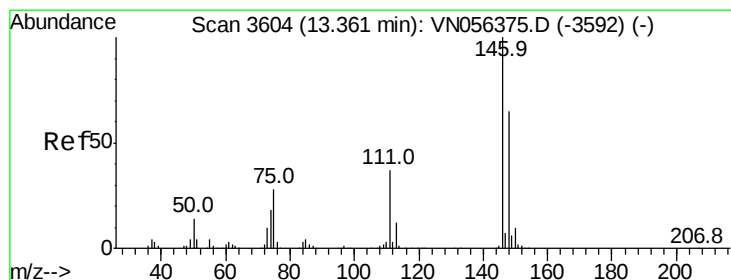
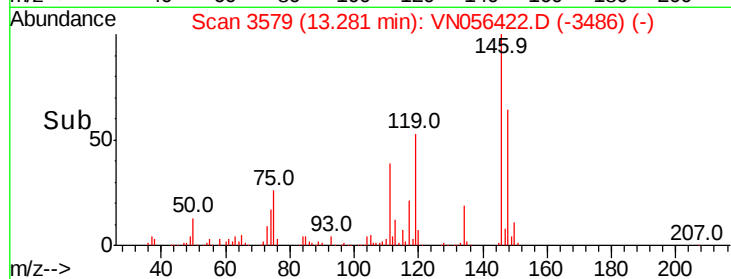
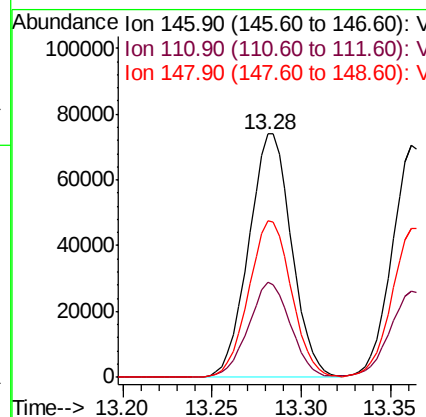
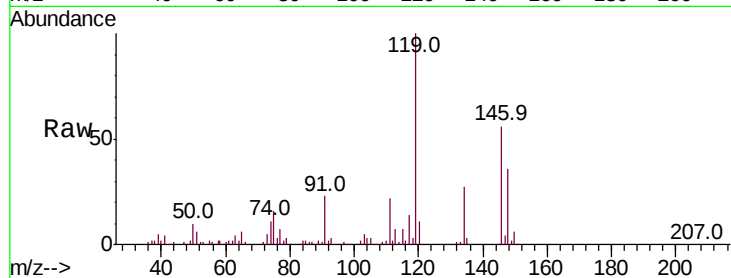




#87
 1,3-Dichlorobenzene
 Concen: 20.296 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056422.D
 Acq: 21 Jun 2019 13:42

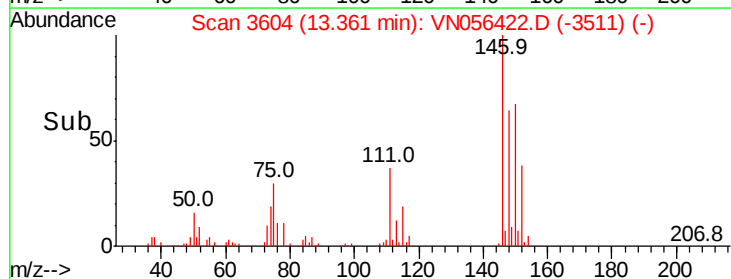
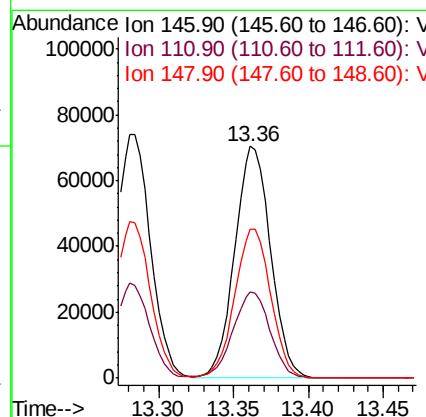
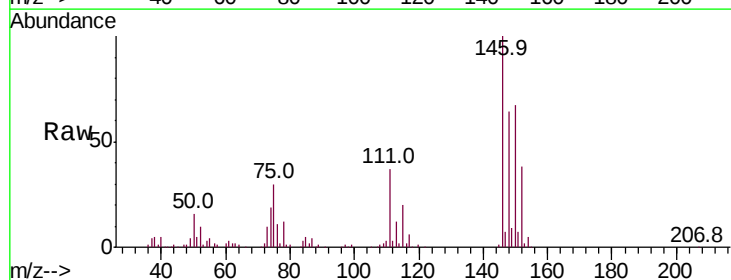
Instrument :
 MSVOA_N
 ClientSampled :
 VN0621MBS01

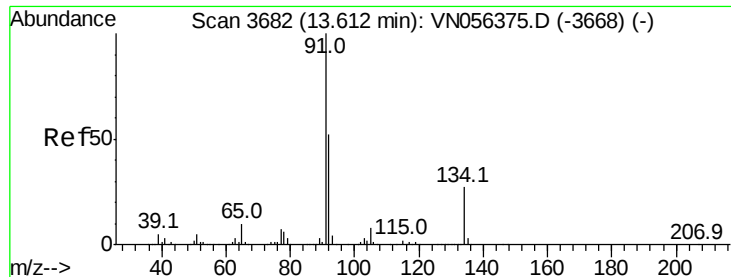
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.9
148	64.2	32.1	96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.915 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056422.D
 Acq: 21 Jun 2019 13:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.4	55.4
148	64.5	32.4	97.0

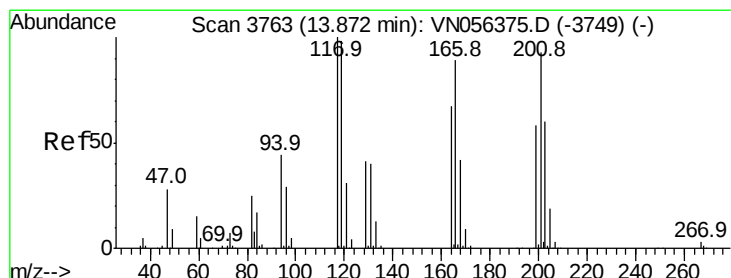
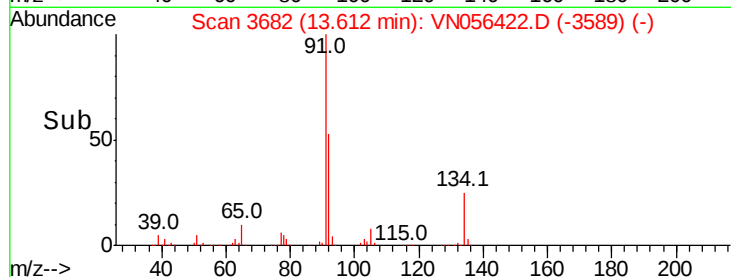
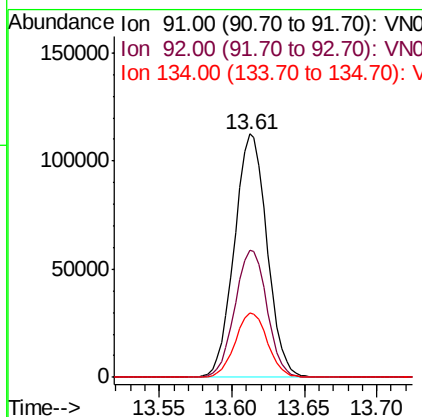
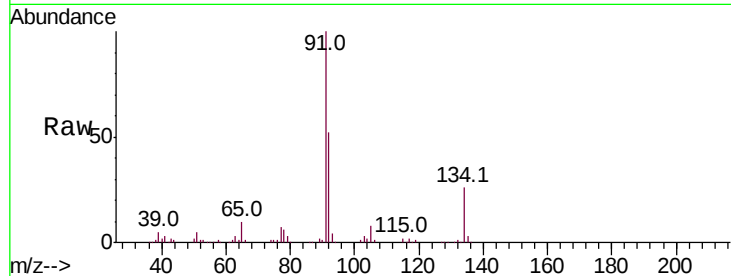




#89
n-Butylbenzene
Concen: 18.659 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

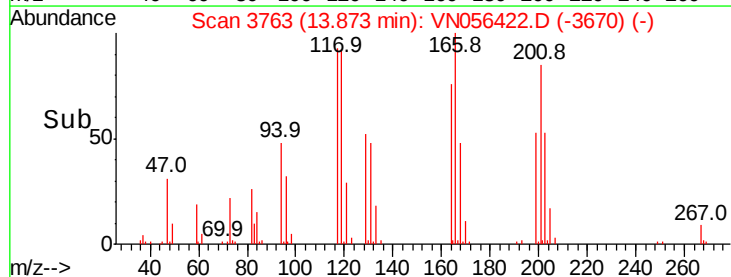
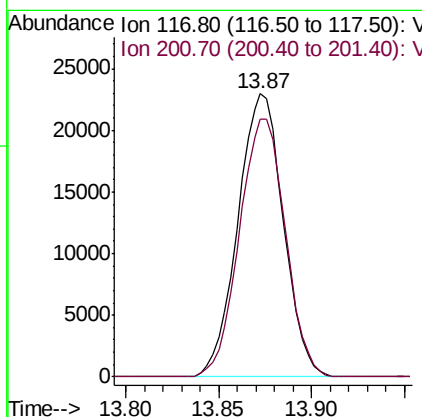
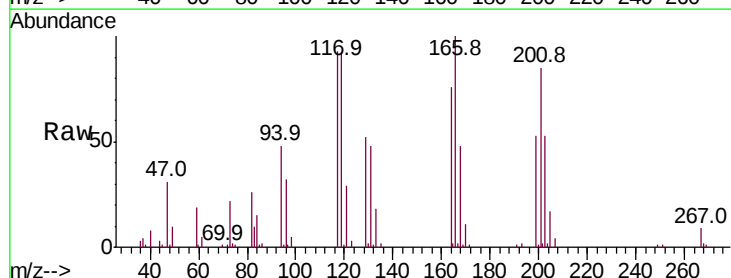
Instrument :
MSVOA_N
ClientSampled :
VN0621MBS01

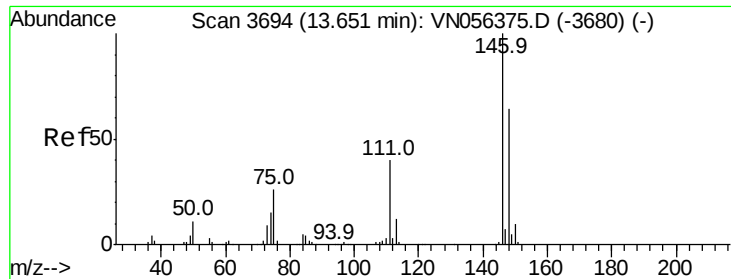
Tot Ion: 91 Resp: 175895
Ion Ratio Lower Upper
91 100
92 51.6 26.2 78.5
134 26.3 13.4 40.2



#90
Hexachloroethane
Concen: 20.087 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056422.D
Acq: 21 Jun 2019 13:42

Tgt Ion: 117 Resp: 38996
Ion Ratio Lower Upper
117 100
201 92.2 45.9 137.6

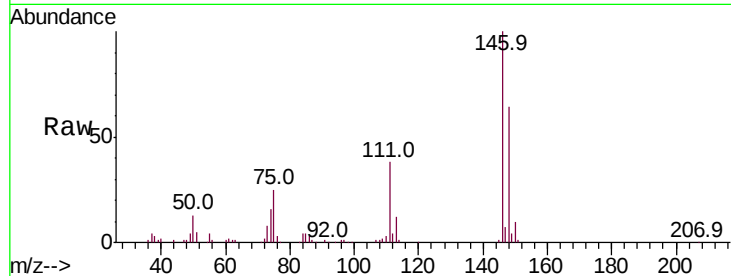




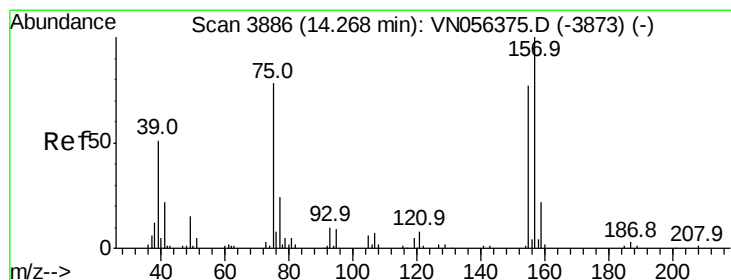
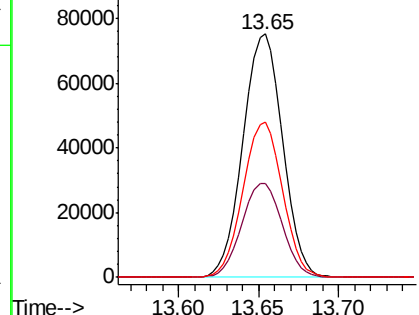
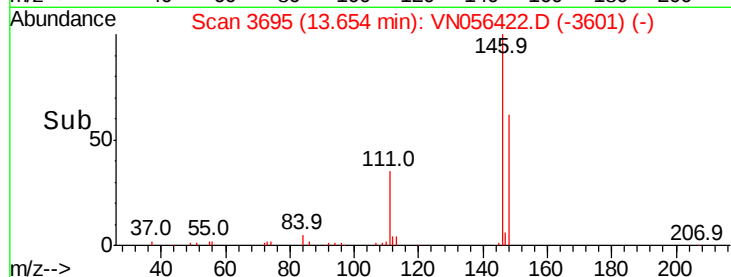
#91
 1,2-Dichlorobenzene
 Concen: 21.011 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN056422.D
 Acq: 21 Jun 2019 13:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621MBS01

Tot Ion:146 Resp: 127334
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.3 57.9
 148 63.5 32.0 96.0

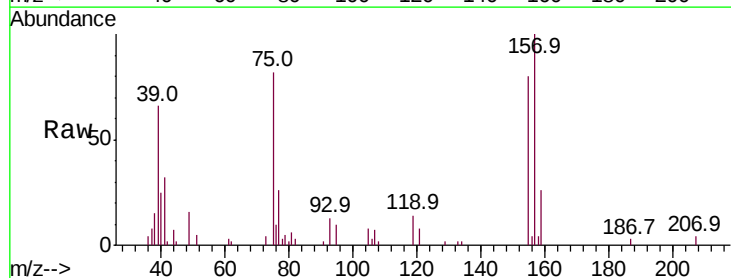


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

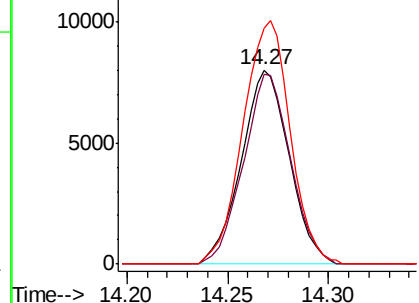
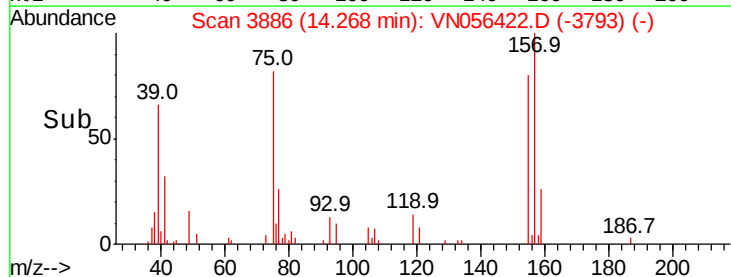


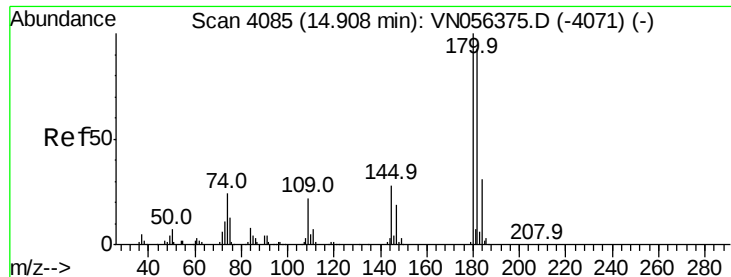
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.929 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056422.D
 Acq: 21 Jun 2019 13:42

Tgt Ion: 75 Resp: 13293
 Ion Ratio Lower Upper
 75 100
 155 96.3 48.9 146.8
 157 124.1 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

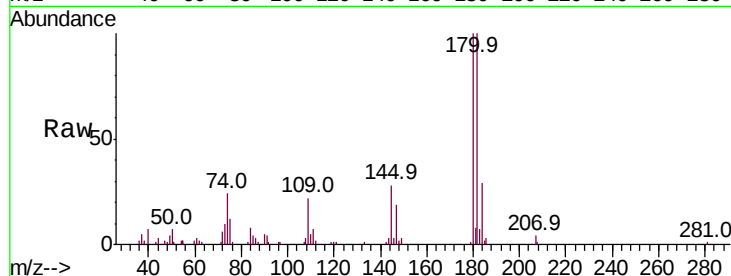




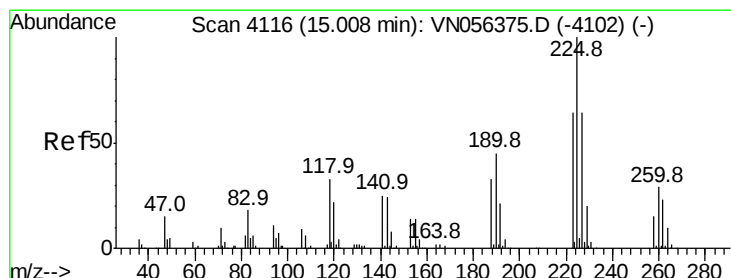
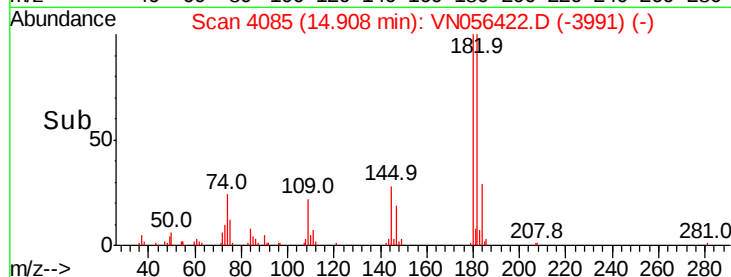
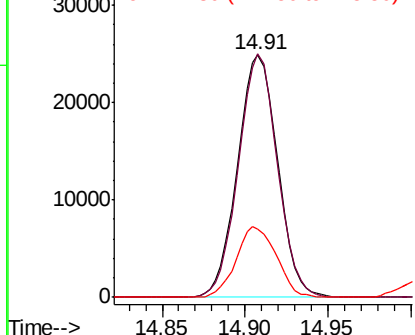
#93
 1,2,4-Trichlorobenzene
 Concen: 17.391 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056422.D
 Acq: 21 Jun 2019 13:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621MBS01

Tot Ion:180 Resp: 41868
 Ion Ratio Lower Upper
 180 100
 182 97.7 46.9 140.6
 145 29.2 14.4 43.0

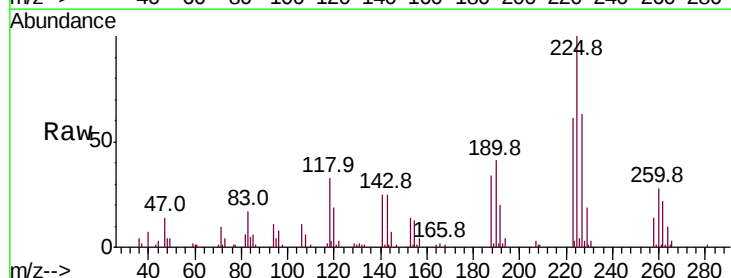


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

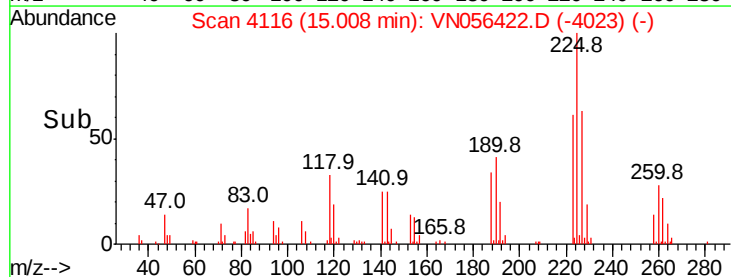
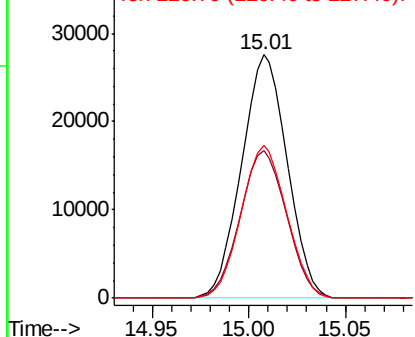


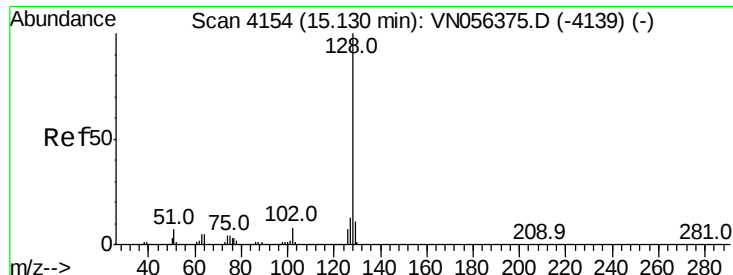
#94
 Hexachlorobutadiene
 Concen: 20.935 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056422.D
 Acq: 21 Jun 2019 13:42

Tgt Ion:225 Resp: 45239
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.4 94.3
 227 62.3 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: 18.568 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

Instrument :

MSVOA_N

ClientSampleId :

VN0621MBS01

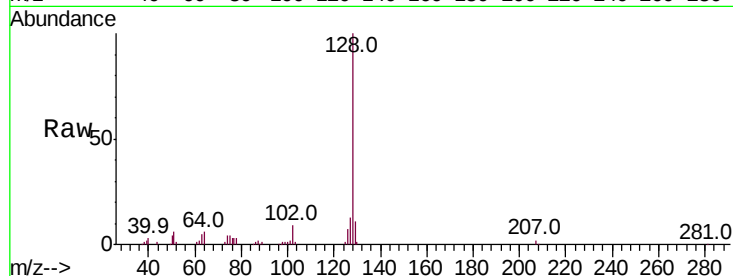
Tot Ion:128 Resp: 122769

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.2

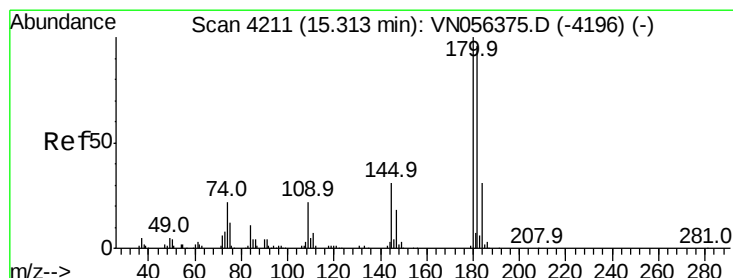
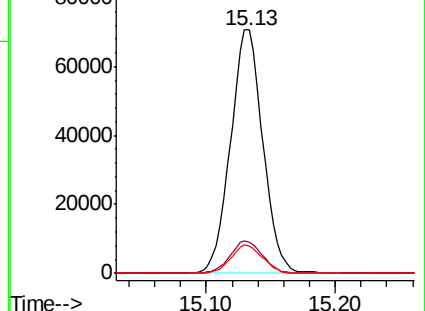
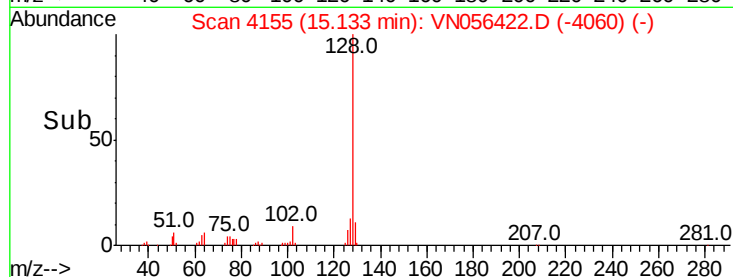
129 11.4 8.6 12.8



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: 18.550 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056422.D

Acq: 21 Jun 2019 13:42

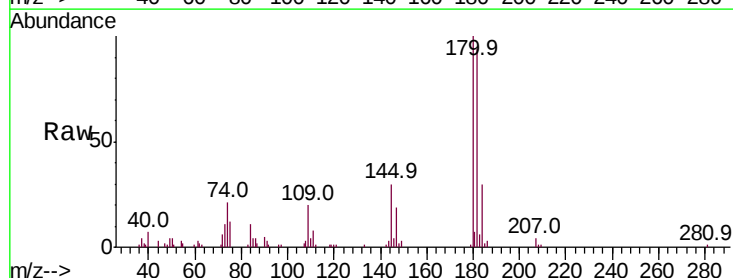
Tgt Ion:180 Resp: 50537

Ion Ratio Lower Upper

180 100

182 95.7 48.3 144.8

145 31.4 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

