

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061719\
 Data File : VN056327.D
 Acq On : 17 Jun 2019 9:14
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 18 03:19:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 03:14:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	365014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	549455	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	471896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	144874	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	20727	4.16	ug/l	0.00
Spiked Amount			Recovery	=	8.32%	
35) Dibromofluoromethane	7.59	113	16510	3.66	ug/l	0.00
Spiked Amount			Recovery	=	7.32%	
50) Toluene-d8	10.09	98	63256	3.65	ug/l	0.00
Spiked Amount			Recovery	=	7.30%	
62) 4-Bromofluorobenzene	12.40	95	18004	3.04	ug/l	0.00
Spiked Amount			Recovery	=	6.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	14043	3.349	ug/l	98
3) Chloromethane	2.06	50	20004	3.933	ug/l	96
4) Vinyl Chloride	2.18	62	20067	3.956	ug/l	97
5) Bromomethane	2.53	94	12171	3.901	ug/l	95
6) Chloroethane	2.68	64	11998	4.087	ug/l	90
7) Trichlorofluoromethane	3.01	101	27565	4.252	ug/l	100
8) Diethyl Ether	3.40	74	10765	4.102	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.74	101	17544	4.399	ug/l	100
10) Methyl Iodide	3.94	142	18048	2.920	ug/l	98
11) Tert butyl alcohol	4.82	59	15025	17.653	ug/l	98
12) 1,1-Dichloroethene	3.73	96	16900	4.248	ug/l	93
13) Acrolein	3.60	56	3123	13.078	ug/l	100
14) Allyl chloride	4.31	41	26530	4.036	ug/l	97
15) Acrylonitrile	4.99	53	43127	20.385	ug/l	97
16) Acetone	3.82	43	52098	21.082	ug/l	97
17) Carbon Disulfide	4.04	76	41694	4.090	ug/l	95
18) Methyl Acetate	4.33	43	25385	5.126	ug/l	93
19) Methyl tert-butyl Ether	5.05	73	50316	3.978	ug/l	100
20) Methylene Chloride	4.55	84	19920	4.256	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	17779	4.144	ug/l	95
22) Diisopropyl ether	5.95	45	53999	4.060	ug/l #	89
23) Vinyl Acetate	5.90	43	205746	19.148	ug/l	99
24) 1,1-Dichloroethane	5.85	63	32786	4.273	ug/l	96
25) 2-Butanone	6.85	43	63467	20.461	ug/l	98
26) 2,2-Dichloropropane	6.82	77	23152	4.032	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	20486	4.086	ug/l	97
28) Bromochloromethane	7.19	49	15265	4.105	ug/l	98
29) Tetrahydrofuran	7.22	42	39485	21.153	ug/l	96
30) Chloroform	7.37	83	32510	4.245	ug/l	100
31) Cyclohexane	7.65	56	34188	4.370	ug/l #	76
32) 1,1,1-Trichloroethane	7.57	97	26492	4.146	ug/l	98
36) 1,1-Dichloropropene	7.79	75	23794	3.910	ug/l	97
37) Ethyl Acetate	6.94	43	21762	3.810	ug/l	99
38) Carbon Tetrachloride	7.77	117	23914	4.214	ug/l	95

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 Data File : VN056327.D
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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 18 03:19:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 03:14:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	29709	3.942	ug/l	98
40) Benzene	8.04	78	75379	4.083	ug/l	98
41) Methacrylonitrile	7.18	41	8869	3.308	ug/l #	80
42) 1,2-Dichloroethane	8.12	62	25436	4.238	ug/l	100
43) Isopropyl Acetate	8.17	43	35625	3.953	ug/l	99
44) Trichloroethene	8.83	130	20272	3.928	ug/l	96
45) 1,2-Dichloropropane	9.12	63	19007	3.940	ug/l	99
46) Dibromomethane	9.21	93	13215	4.184	ug/l	97
47) Bromodichloromethane	9.40	83	24510	4.177	ug/l	95
48) Methyl methacrylate	9.20	41	17752	3.946	ug/l	96
49) 1,4-Dioxane	9.20	88	7432	78.977	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	113424	19.738	ug/l	100
52) Toluene	10.15	92	44792	3.905	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	21766	3.599	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	26671	3.839	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	19113	4.194	ug/l	96
56) Ethyl methacrylate	10.43	69	24379	3.579	ug/l	96
57) 1,3-Dichloropropane	10.71	76	30381	4.021	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	35637	15.510	ug/l	98
59) 2-Hexanone	10.75	43	83134	19.765	ug/l	95
60) Dibromochloromethane	10.90	129	19008	4.094	ug/l	96
61) 1,2-Dibromoethane	11.00	107	18469	3.900	ug/l	100
64) Tetrachloroethene	10.63	164	20428	4.114	ug/l	96
65) Chlorobenzene	11.43	112	47822	4.027	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	18431	4.404	ug/l	97
67) Ethyl Benzene	11.51	91	79785	3.848	ug/l	96
68) m/p-Xylenes	11.62	106	57552	7.287	ug/l	96
69) o-Xylene	11.95	106	28879	3.729	ug/l	97
70) Styrene	11.96	104	43642	3.467	ug/l	99
71) Bromoform	12.13	173	12636	3.901	ug/l #	98
73) Isopropylbenzene	12.25	105	76704	5.216	ug/l	97
74) N-amyl acetate	12.07	43	25348	4.983	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	25165	5.771	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	27772	7.945	ug/l #	100
77) Bromobenzene	12.53	156	19695	5.076	ug/l	97
78) n-propylbenzene	12.59	91	72838	4.637	ug/l	99
79) 2-Chlorotoluene	12.67	91	49695	5.113	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	60069	4.907	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	5308	4.509	ug/l	86
82) 4-Chlorotoluene	12.77	91	41085	4.460	ug/l	100
83) tert-Butylbenzene	12.99	119	55980	5.220	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	52253	4.492	ug/l	97
85) sec-Butylbenzene	13.17	105	65627	4.787	ug/l	100
86) p-Isopropyltoluene	13.29	119	52642	4.318	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	25284	4.173	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	24103	4.127	ug/l	95
89) n-Butylbenzene	13.61	91	36121	3.933	ug/l	97
90) Hexachloroethane	13.87	117	11516	5.784	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	25309	4.181	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.26	75	3257	4.931	ug/l	99

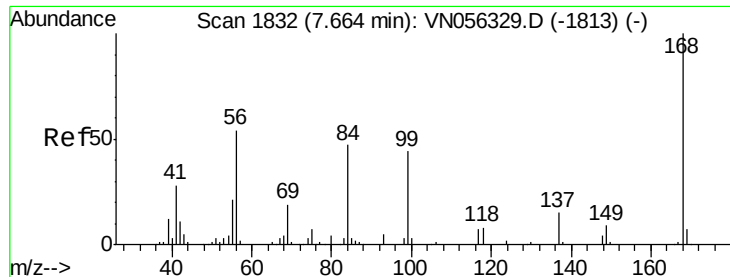
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061719\
Data File : VN056327.D
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Instrument :
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	6954	2.536	ug/l	96
94) Hexachlorobutadiene	15.01	225	11705	5.103	ug/l	98
95) Naphthalene	15.13	128	19578	2.709	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	8319	2.811	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056327.D

Acq: 17 Jun 2019 9:14

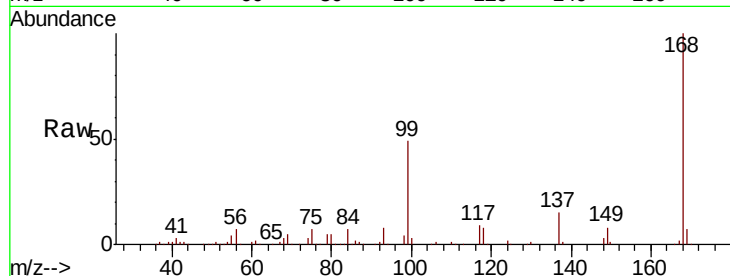
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 365014

Ion Ratio Lower Upper

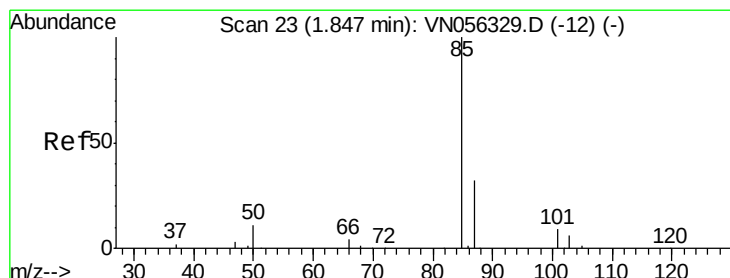
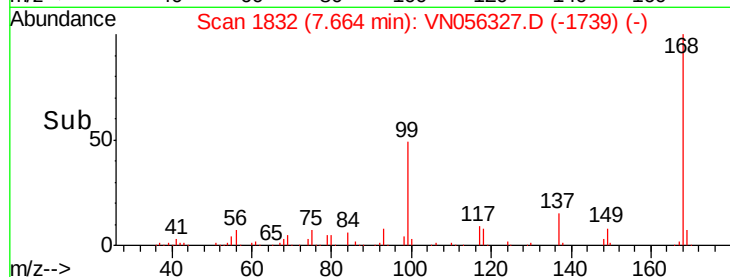
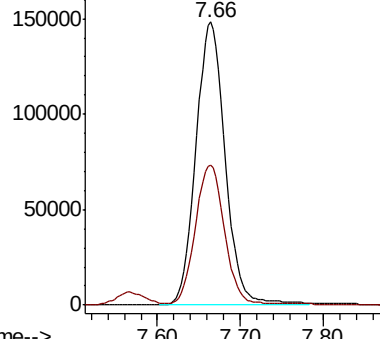
168 100

99 48.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 3.349 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056327.D

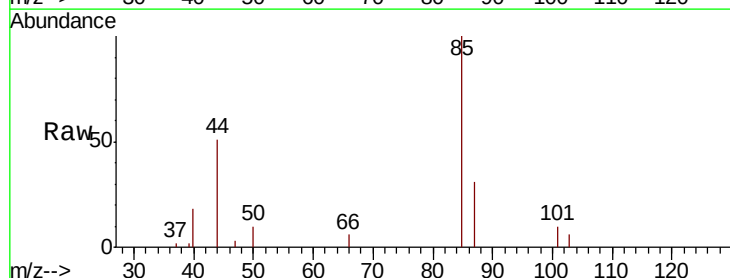
Acq: 17 Jun 2019 9:14

Tgt Ion: 85 Resp: 14043

Ion Ratio Lower Upper

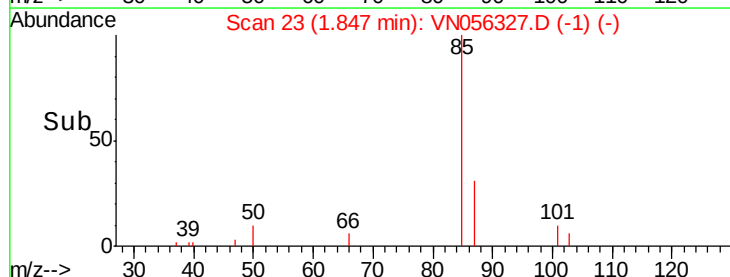
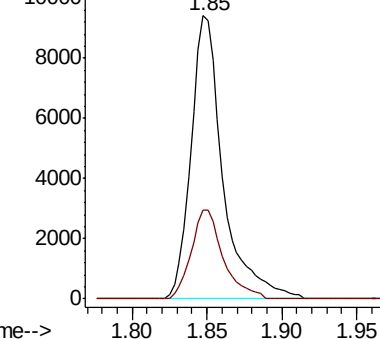
85 100

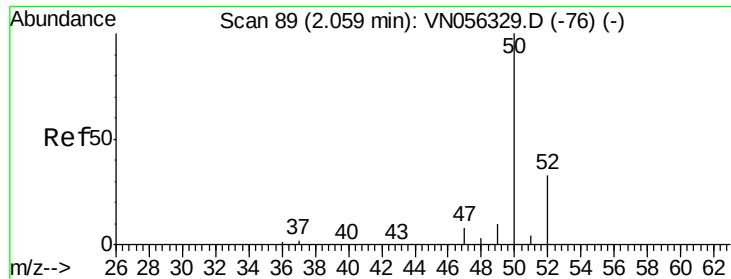
87 31.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 3.933 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056327.D

Acq: 17 Jun 2019 9:14

Instrument :

MSVOA_N

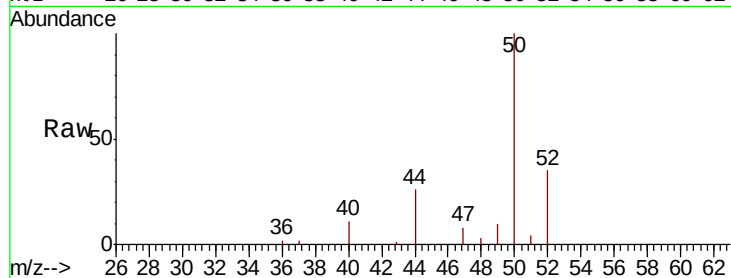
ClientSampled :

Tot Ion: 50 Resp: 20004

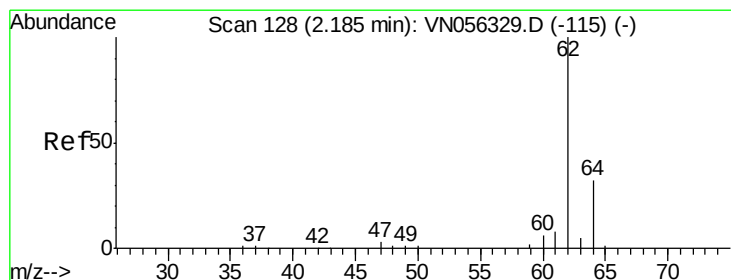
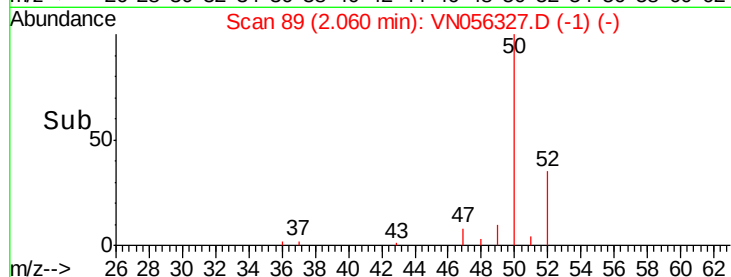
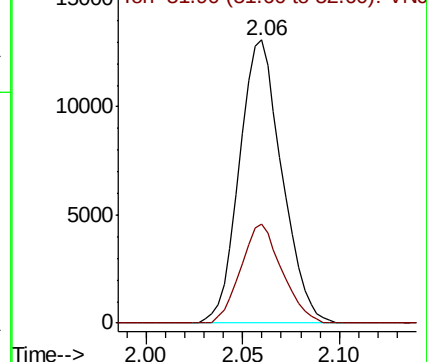
Ion Ratio Lower Upper

50 100

52 35.1 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 3.956 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN056327.D

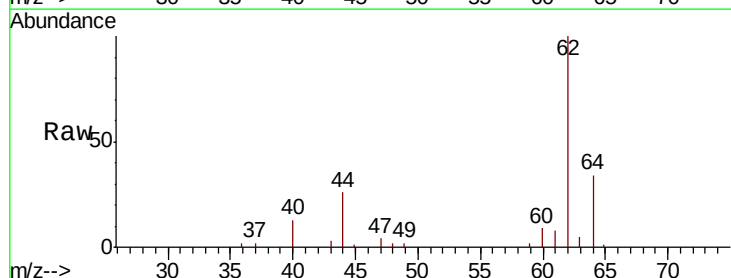
Acq: 17 Jun 2019 9:14

Tgt Ion: 62 Resp: 20067

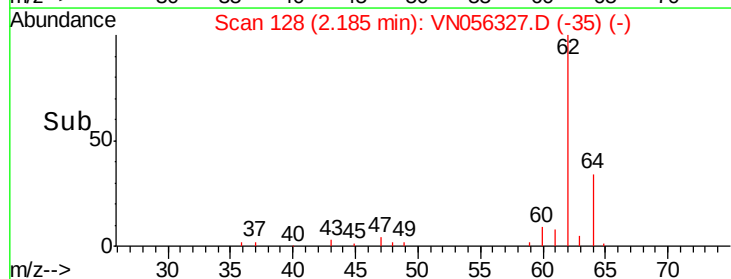
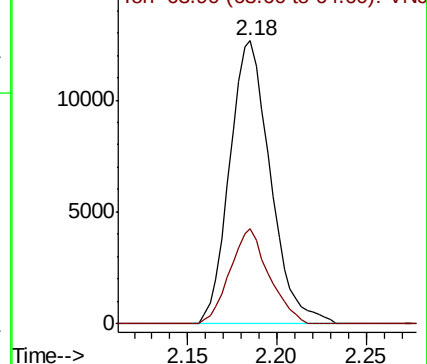
Ion Ratio Lower Upper

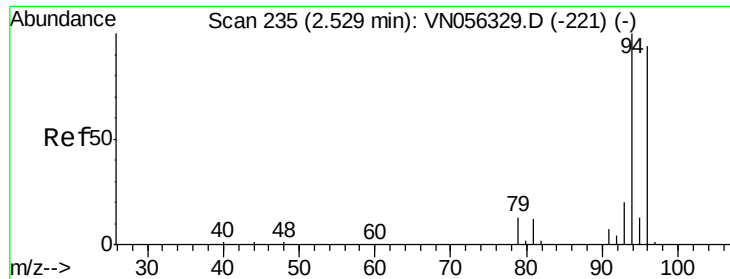
62 100

64 33.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO

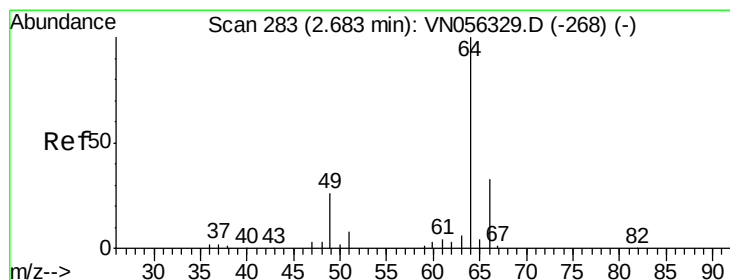
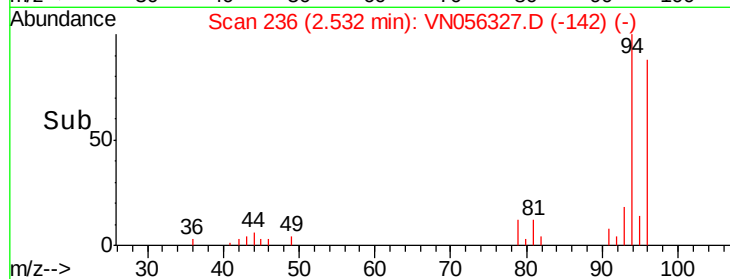
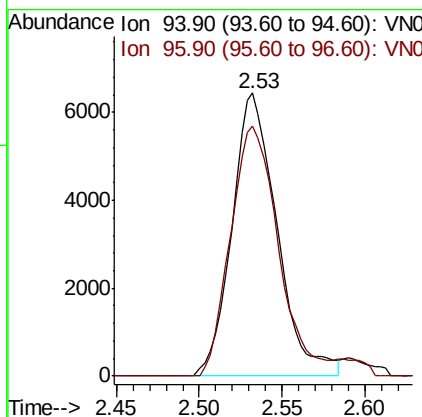
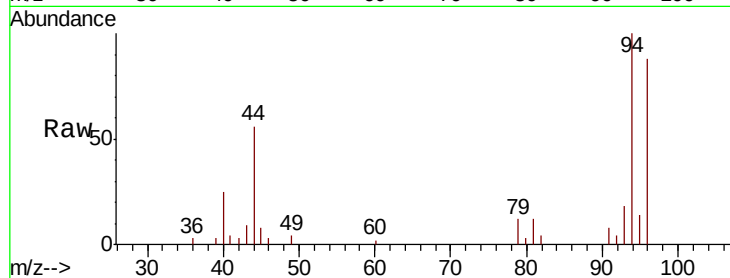




#5
Bromomethane
Concen: 3.901 ug/l
RT: 2.53 min Scan# 236
Delta R.T. 0.00 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

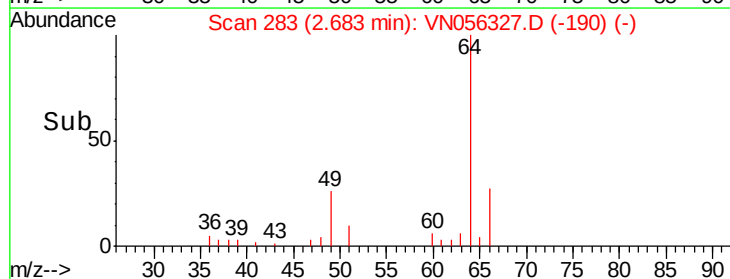
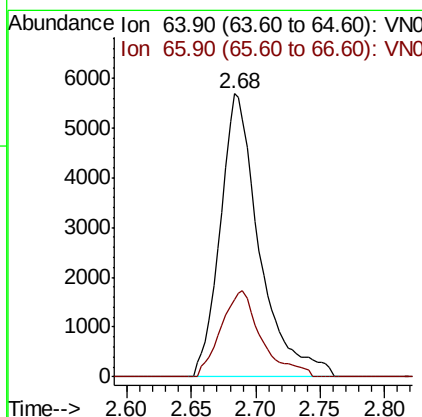
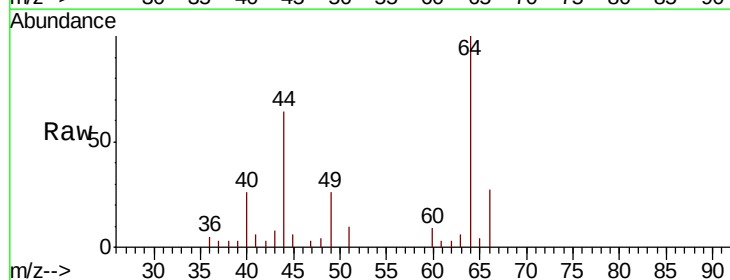
Instrument :
MSVOA_N
ClientSampleId :

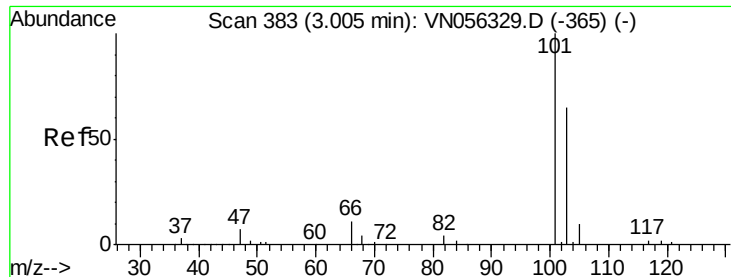
Tot Ion: 94 Resp: 12171
Ion Ratio Lower Upper
94 100
96 88.3 74.9 112.3



#6
Chloroethane
Concen: 4.087 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.00 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

Tgt Ion: 64 Resp: 11998
Ion Ratio Lower Upper
64 100
66 27.3 26.3 39.5



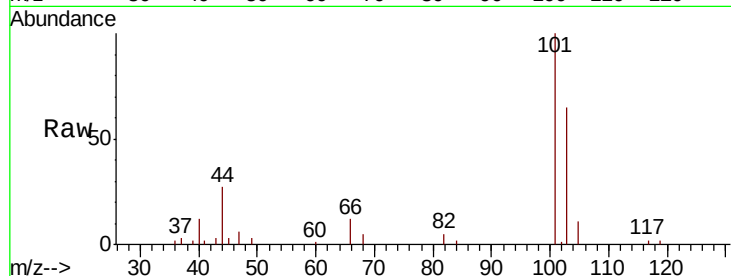


#7

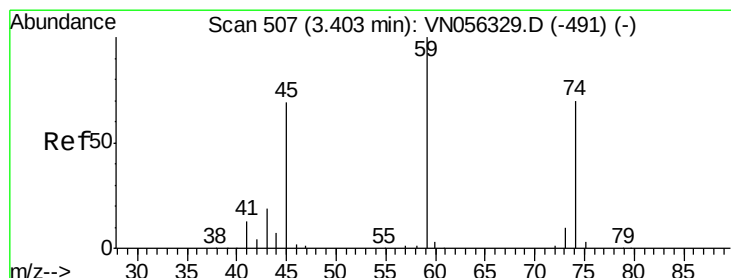
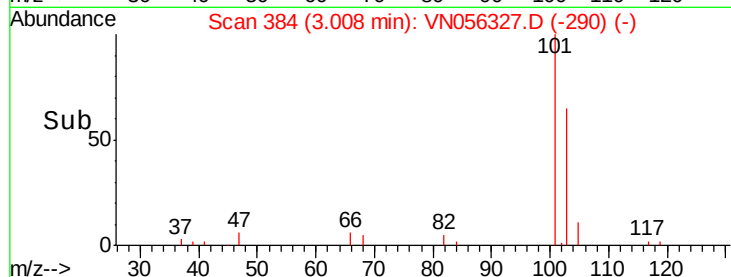
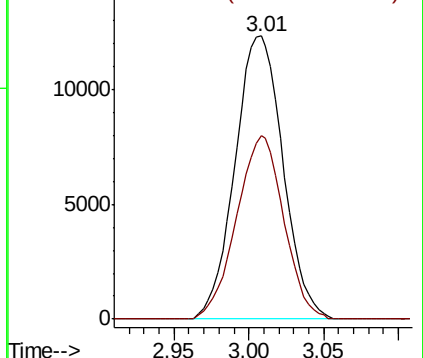
Trichlorofluoromethane
 Concen: 4.252 ug/l
 RT: 3.01 min Scan# 384
 Delta R.T. 0.00 min
 Lab File: VN056327.D
 Acq: 17 Jun 2019 9:14

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:101 Resp: 27565
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.1 78.1



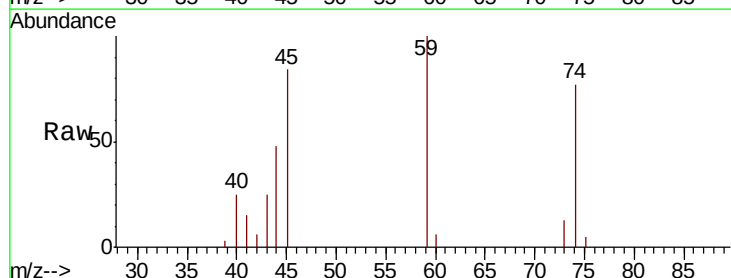
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



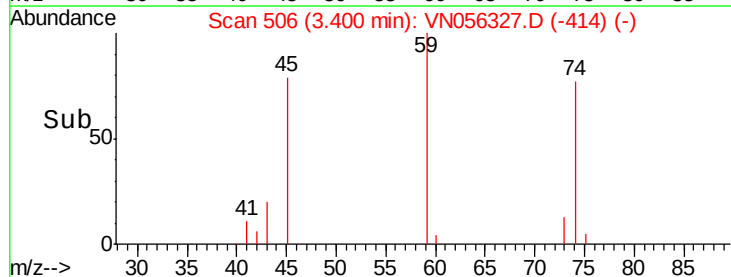
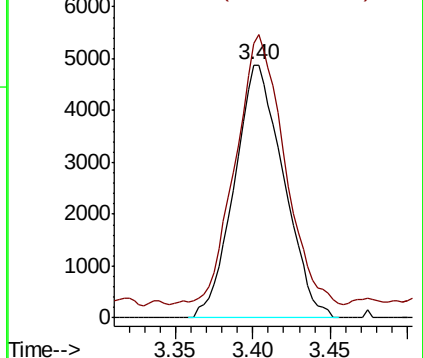
#8

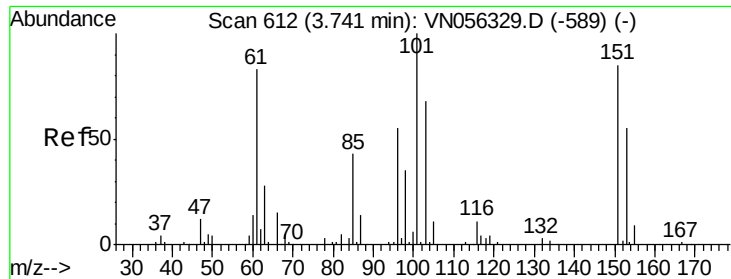
Diethyl Ether
 Concen: 4.102 ug/l
 RT: 3.40 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: VN056327.D
 Acq: 17 Jun 2019 9:14

Tgt Ion: 74 Resp: 10765
 Ion Ratio Lower Upper
 74 100
 45 106.4 49.0 147.0



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

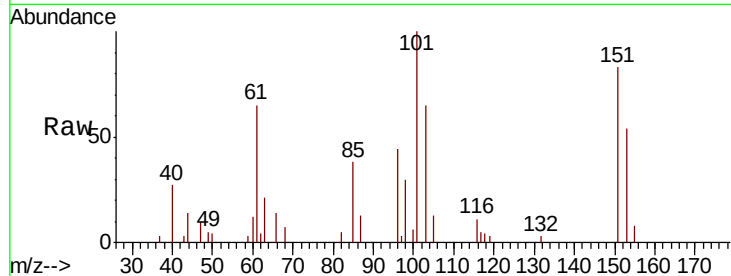




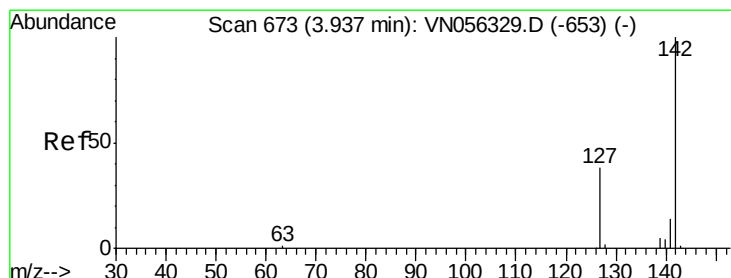
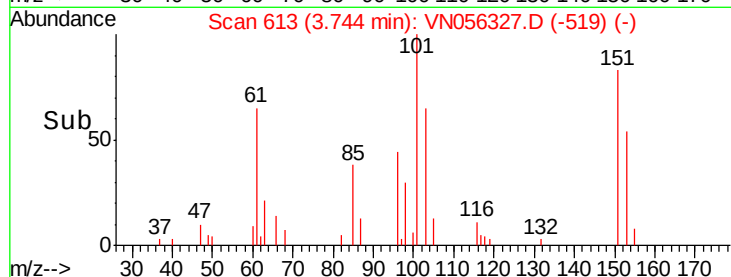
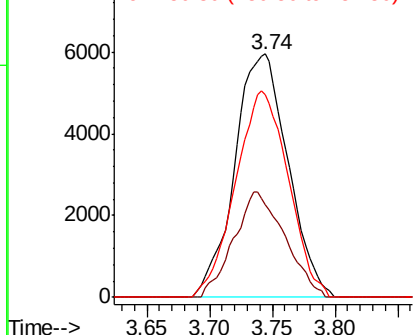
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 4.399 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VN056327.D
 Acq: 17 Jun 2019 9:14

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:101 Resp: 17544
 Ion Ratio Lower Upper
 101 100
 85 41.6 33.8 50.8
 151 84.3 67.4 101.0

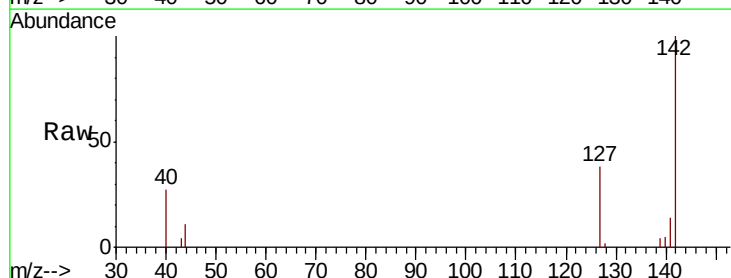


Abundance Ion 100.90 (100.60 to 101.60): V
 8000 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

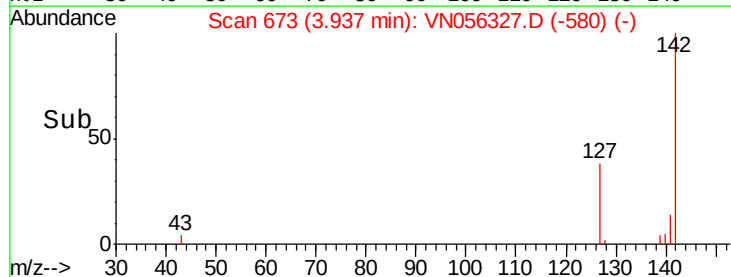
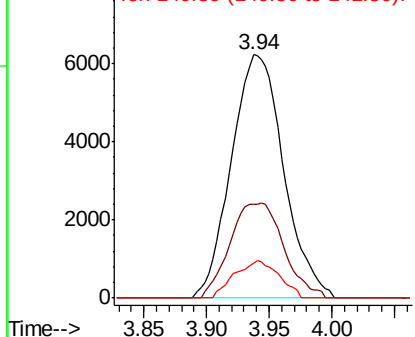


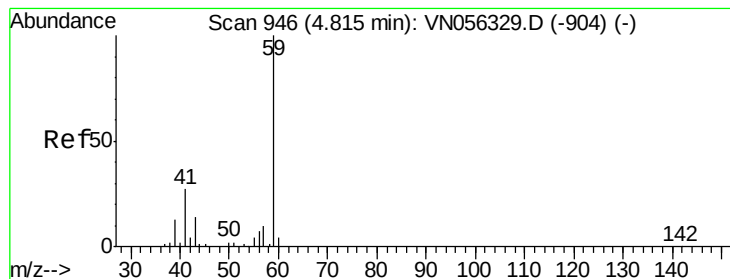
#10
 Methyl Iodide
 Concen: 2.920 ug/l
 RT: 3.94 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: VN056327.D
 Acq: 17 Jun 2019 9:14

Tgt Ion:142 Resp: 18048
 Ion Ratio Lower Upper
 142 100
 127 39.9 30.8 46.2
 141 13.2 11.4 17.2



Abundance Ion 141.80 (141.50 to 142.50): V
 8000 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V



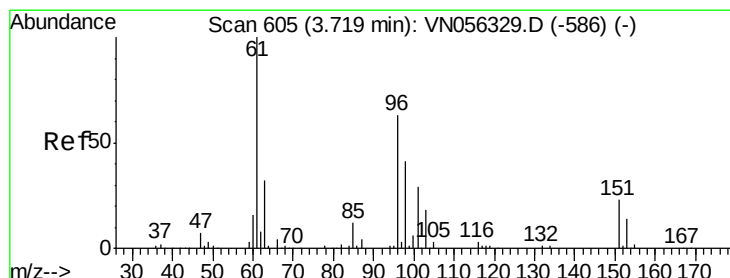
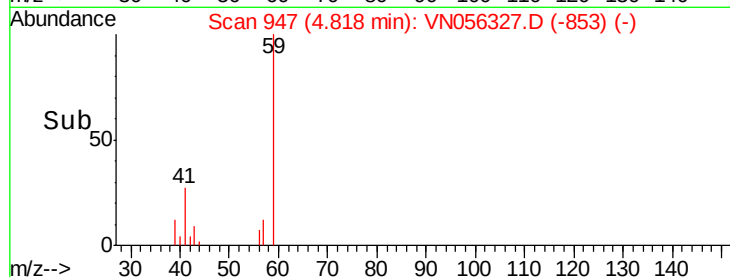
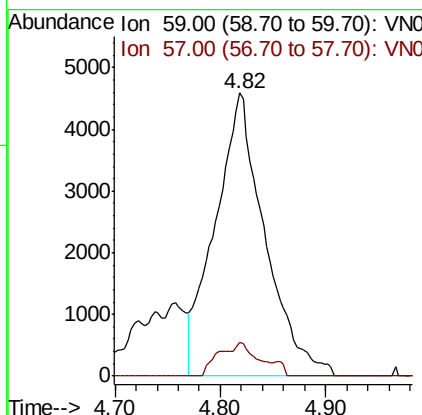
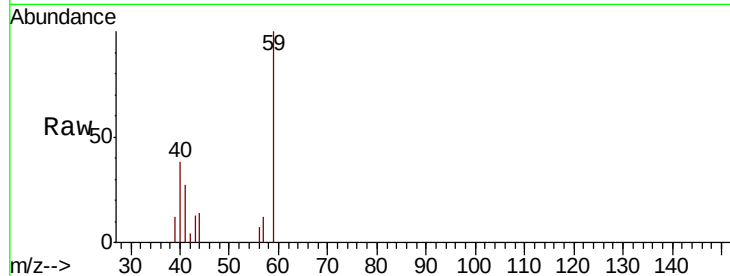


#11

Tert butyl alcohol
 Concen: 17.653 ug/l
 RT: 4.82 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: VN056327.D
 Acq: 17 Jun 2019 9:14

Instrument :
 MSVOA_N
 ClientSampled :

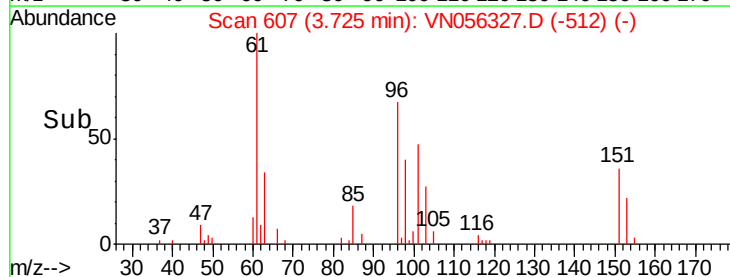
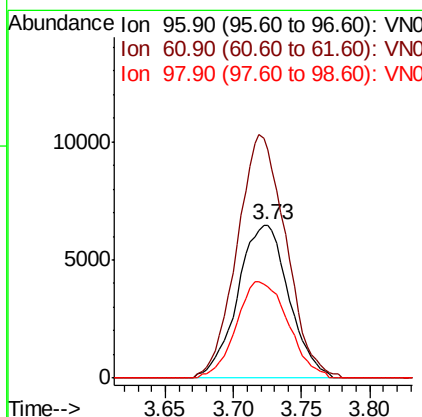
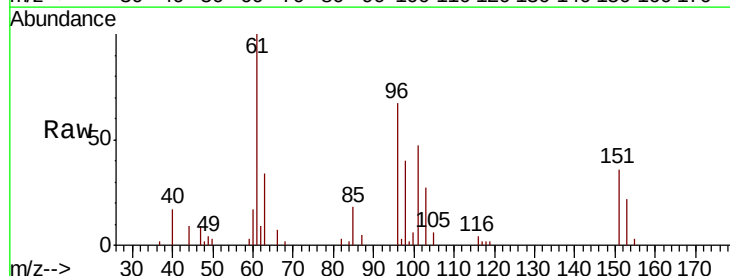
Tot Ion: 59 Resp: 15025
 Ion Ratio Lower Upper
 59 100
 57 9.2 7.8 11.8

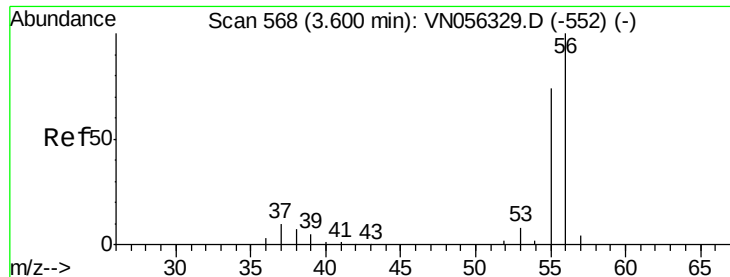


#12

1,1-Dichloroethene
 Concen: 4.248 ug/l
 RT: 3.73 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VN056327.D
 Acq: 17 Jun 2019 9:14

Tgt Ion: 96 Resp: 16900
 Ion Ratio Lower Upper
 96 100
 61 149.6 127.4 191.2
 98 59.3 51.7 77.5





#13

Acrolein

Concen: 13.078 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN056327.D

Acq: 17 Jun 2019 9:14

Instrument :

MSVOA_N

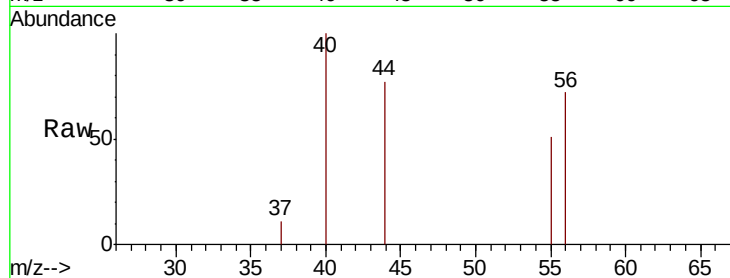
ClientSampled :

Tot Ion: 56 Resp: 3123

Ion Ratio Lower Upper

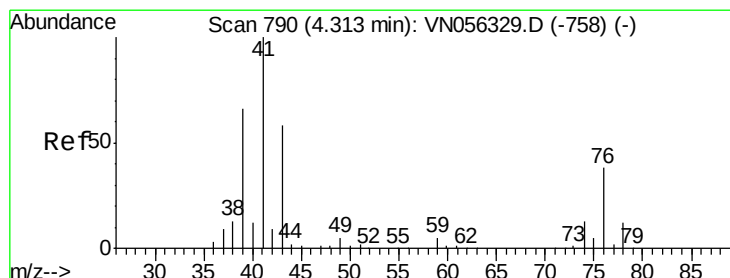
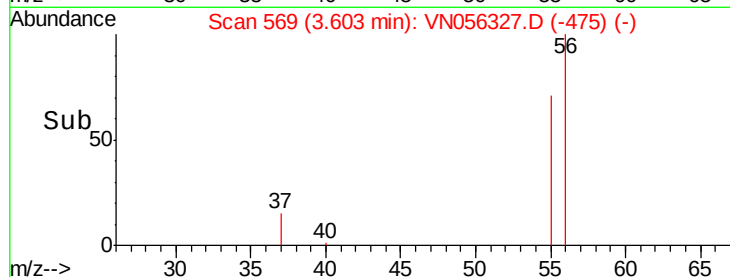
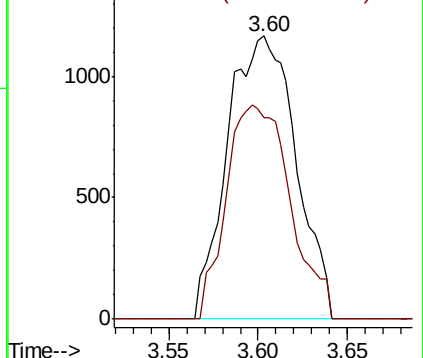
56 100

55 70.5 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 4.036 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN056327.D

Acq: 17 Jun 2019 9:14

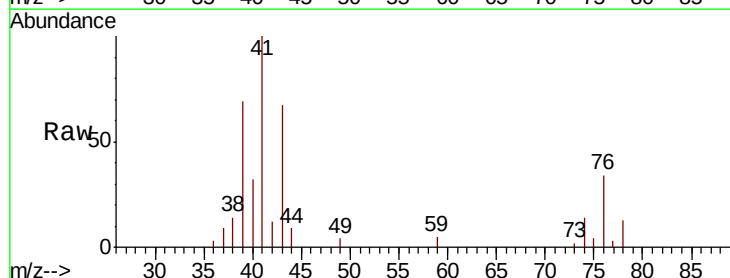
Tgt Ion: 41 Resp: 26530

Ion Ratio Lower Upper

41 100

39 64.4 48.9 73.3

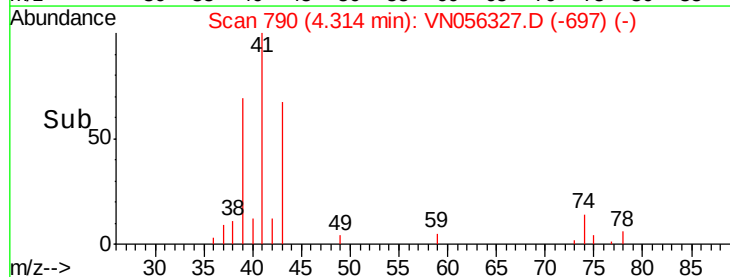
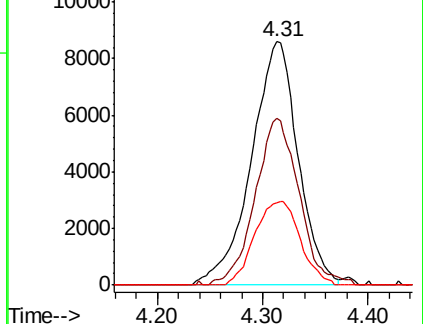
76 33.4 27.2 40.8

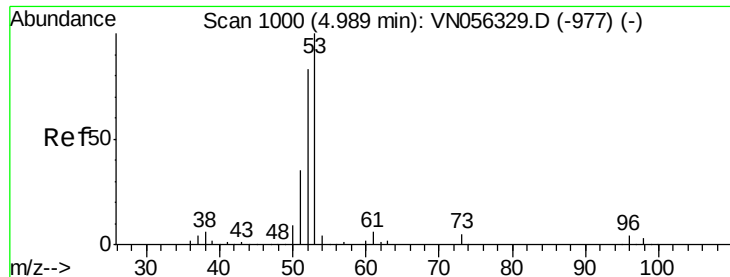


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 20.385 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN056327.D

Acq: 17 Jun 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

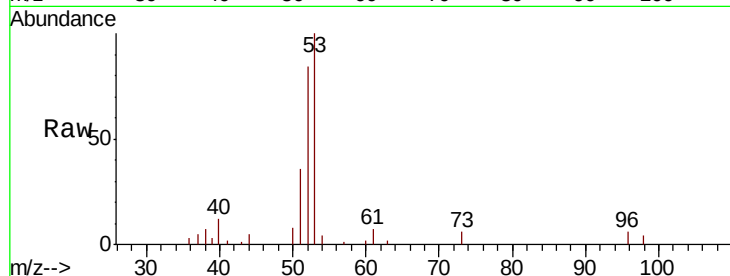
Tot Ion: 53 Resp: 43127

Ion Ratio Lower Upper

53 100

52 84.4 65.4 98.2

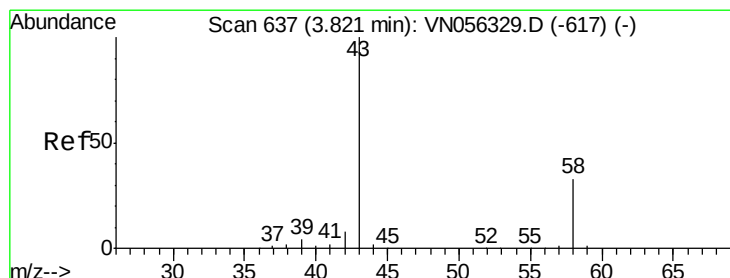
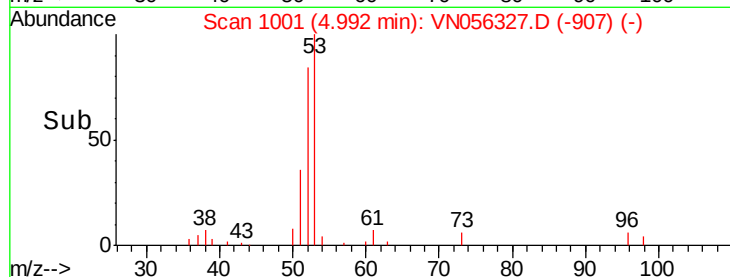
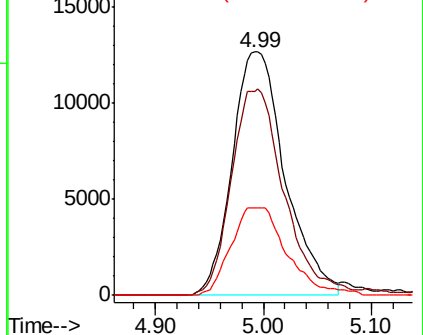
51 38.1 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VN056327.D (-977) (-)

Ion 52.00 (51.70 to 52.70): VN056327.D (-977) (-)

Ion 51.00 (50.70 to 51.70): VN056327.D (-977) (-)



#16

Acetone

Concen: 21.082 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056327.D

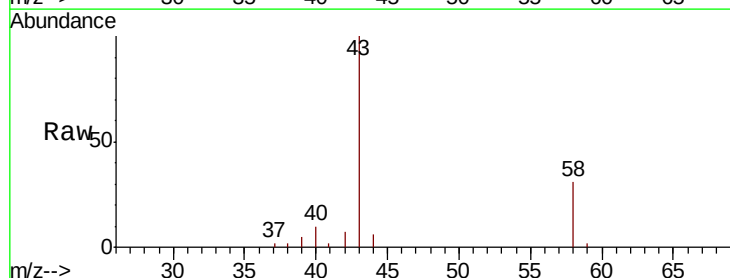
Acq: 17 Jun 2019 9:14

Tgt Ion: 43 Resp: 52098

Ion Ratio Lower Upper

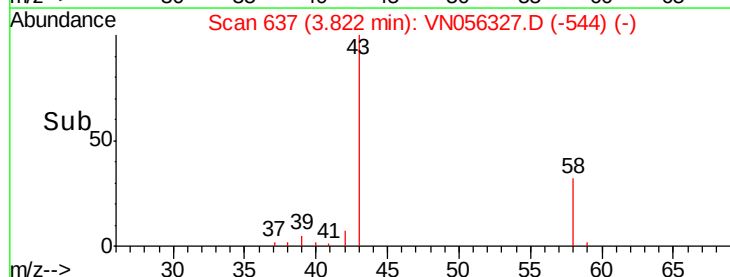
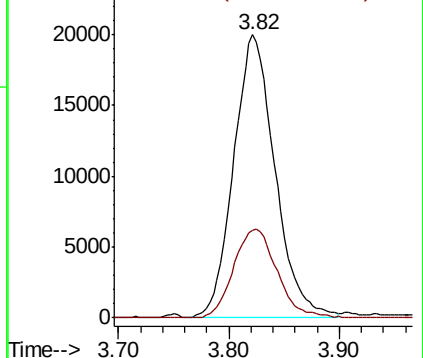
43 100

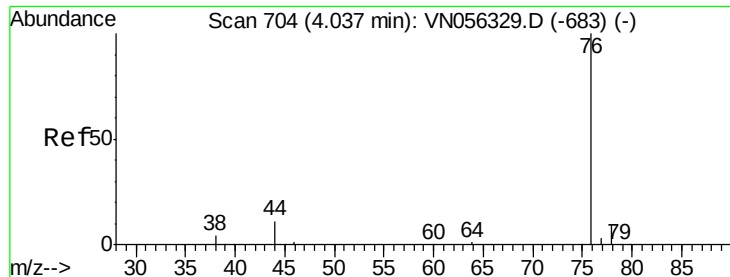
58 31.1 26.5 39.7



Abundance Ion 43.00 (42.70 to 43.70): VN056327.D (-544) (-)

Ion 58.00 (57.70 to 58.70): VN056327.D (-544) (-)

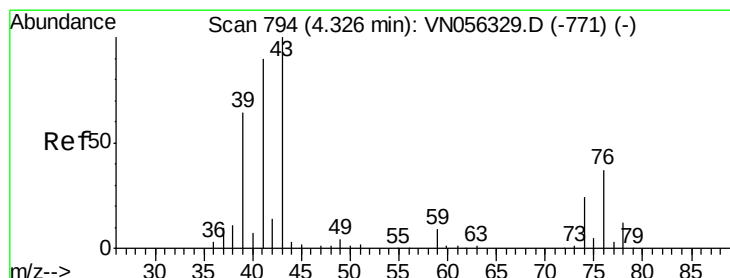
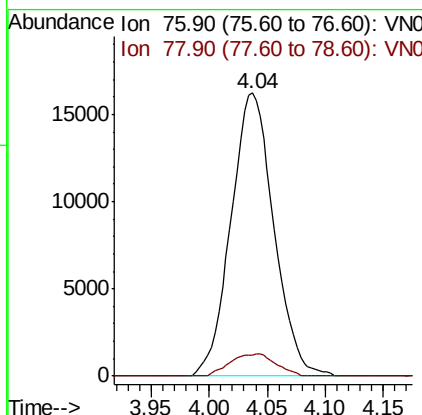
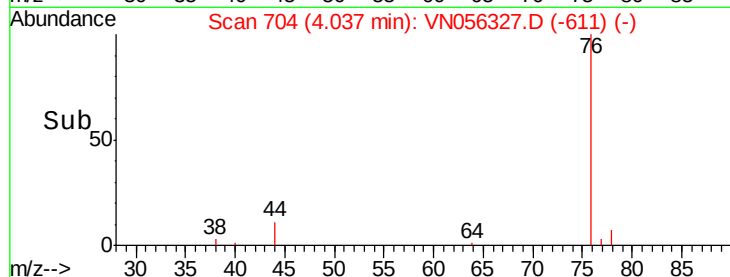
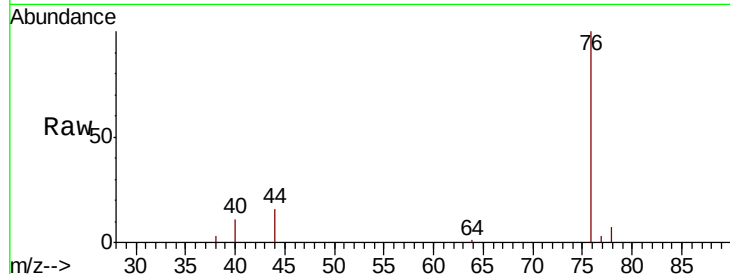




#17
Carbon Disulfide
Concen: 4.090 ug/l
RT: 4.04 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

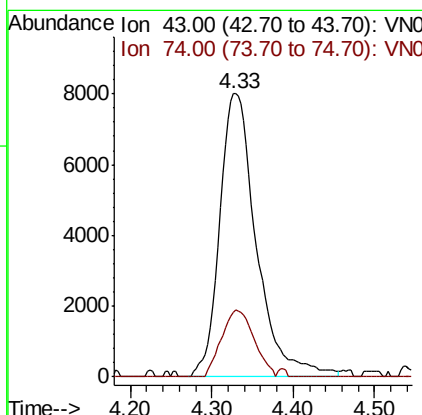
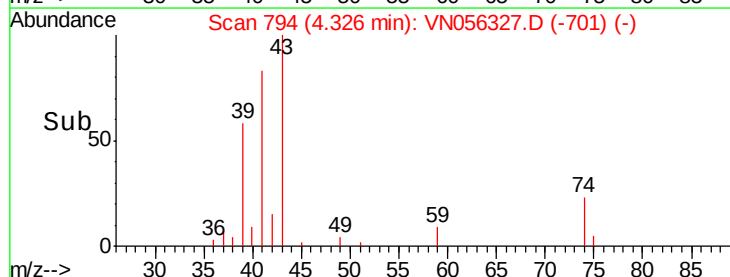
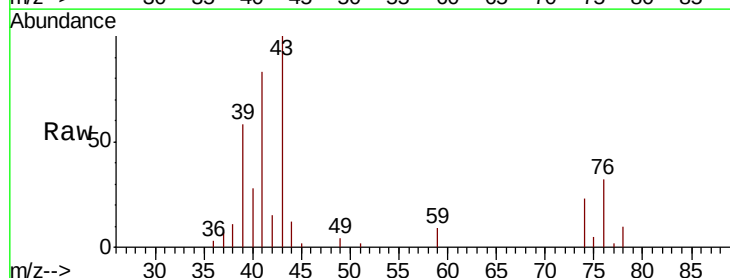
Instrument :
MSVOA_N
ClientSampled :

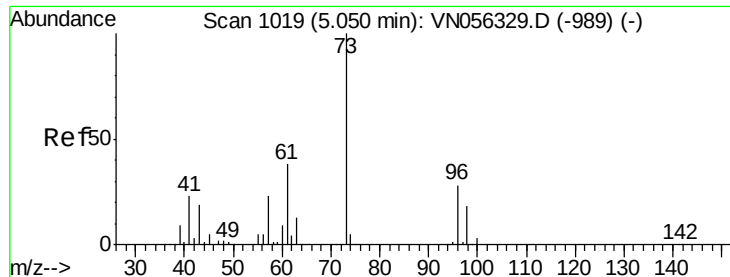
Tot Ion: 76 Resp: 41694
Ion Ratio Lower Upper
76 100
78 7.4 7.3 10.9



#18
Methyl Acetate
Concen: 5.126 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

Tgt Ion: 43 Resp: 25385
Ion Ratio Lower Upper
43 100
74 20.9 19.4 29.2



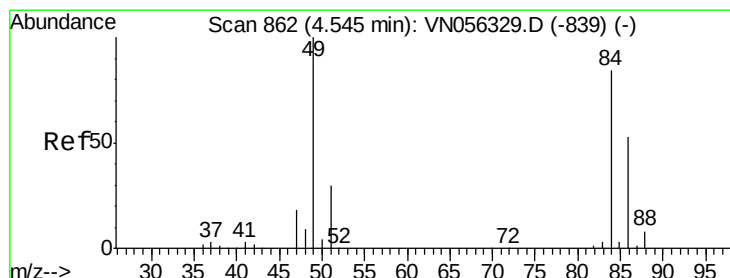
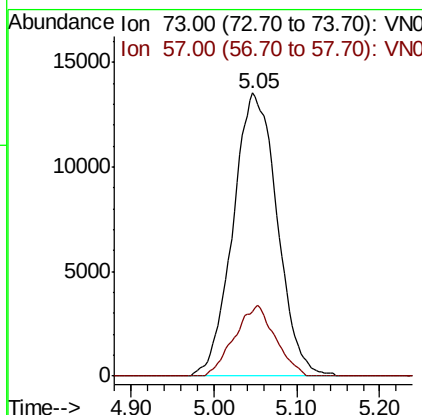
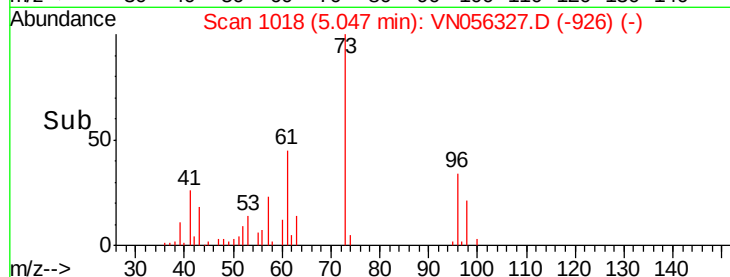
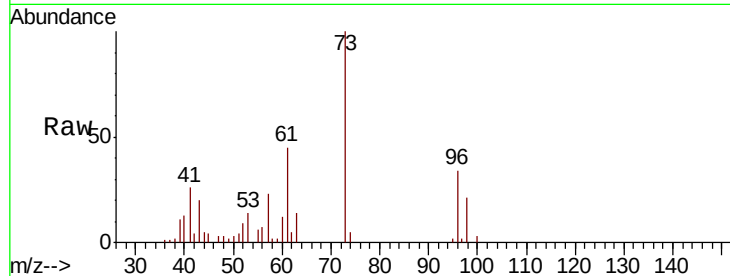


#19

Methyl tert-butyl Ether
 Concen: 3.978 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VN056327.D
 Acq: 17 Jun 2019 9:14

Instrument :
 MSVOA_N
 ClientSampled :

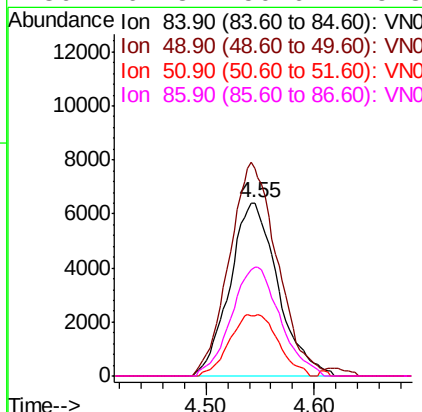
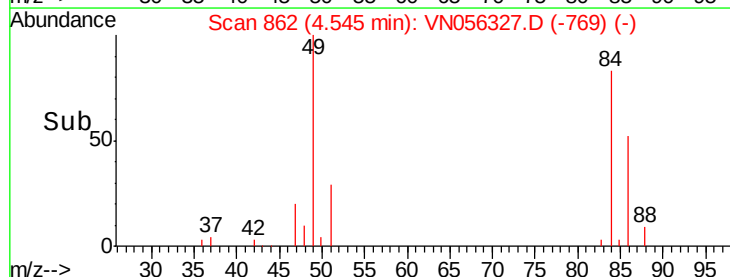
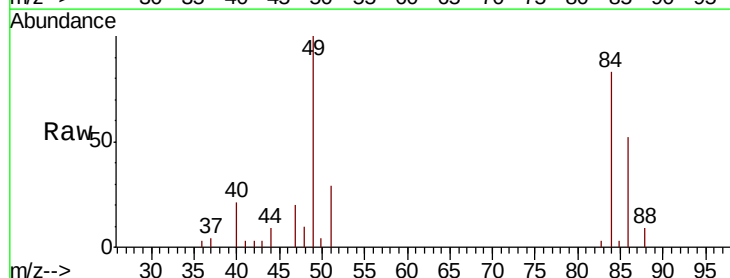
Tot Ion: 73 Resp: 50316
 Ion Ratio Lower Upper
 73 100
 57 22.8 18.1 27.1

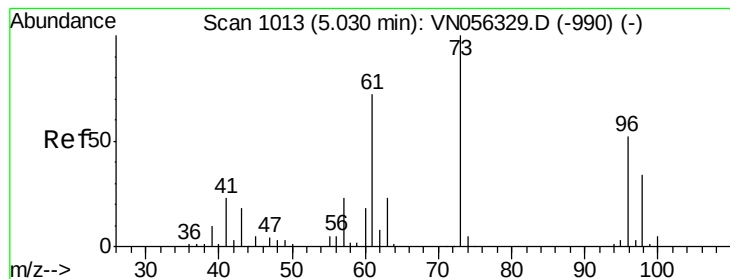


#20

Methylene Chloride
 Concen: 4.256 ug/l
 RT: 4.55 min Scan# 862
 Delta R.T. 0.00 min
 Lab File: VN056327.D
 Acq: 17 Jun 2019 9:14

Tgt Ion: 84 Resp: 19920
 Ion Ratio Lower Upper
 84 100
 49 119.9 95.0 142.6
 51 34.8 28.2 42.4
 86 62.8 50.6 75.8





#21

trans-1,2-Dichloroethene

Concen: 4.144 ug/l

RT: 5.03 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VN056327.D

Acq: 17 Jun 2019 9:14

Instrument :
MSVOA_N
ClientSampled :

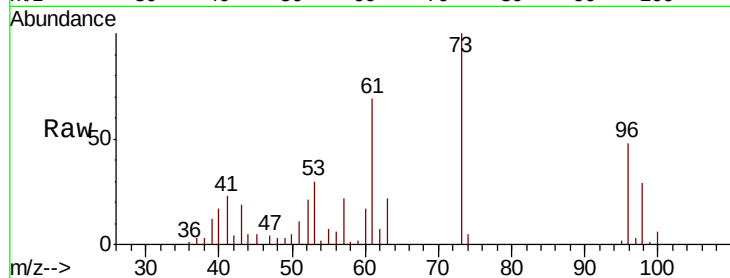
Tot Ion: 96 Resp: 17779

Ion Ratio Lower Upper

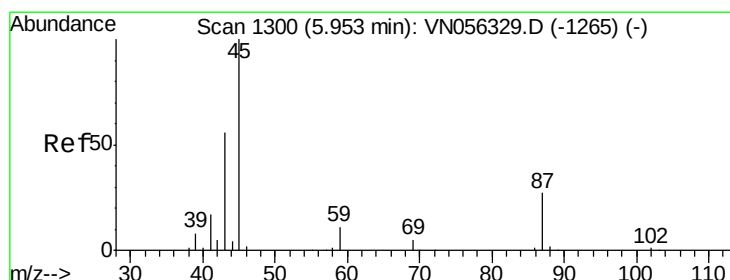
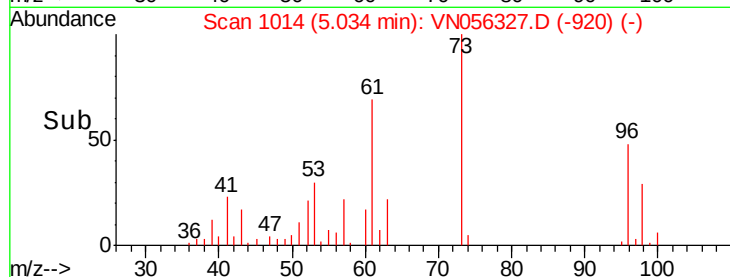
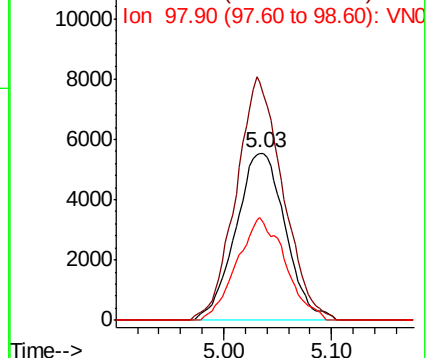
96 100

61 142.8 109.8 164.6

98 61.3 52.0 78.0



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



#22

Diisopropyl ether

Concen: 4.060 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN056327.D

Acq: 17 Jun 2019 9:14

Tgt Ion: 45 Resp: 53999

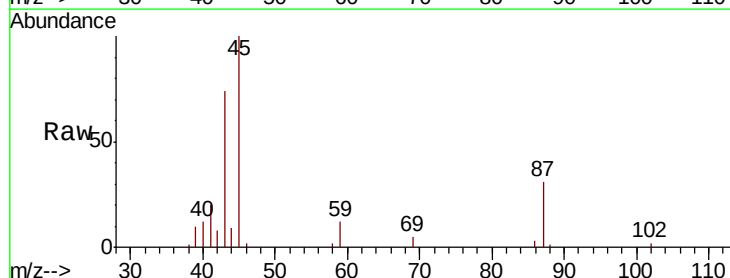
Ion Ratio Lower Upper

45 100

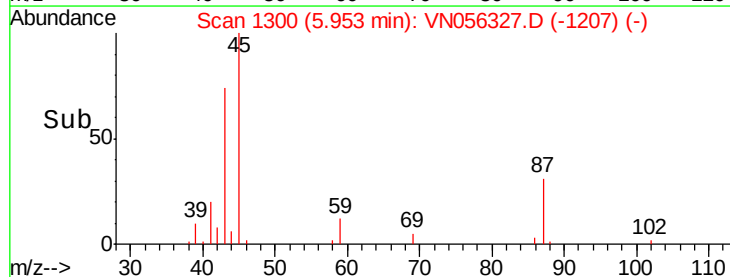
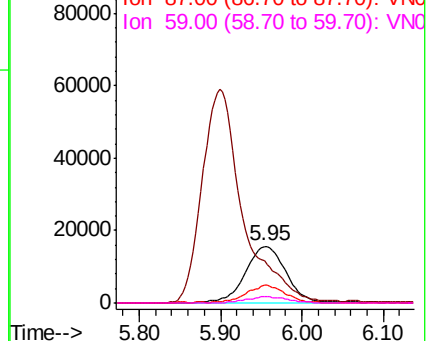
43 70.7 47.0 70.6#

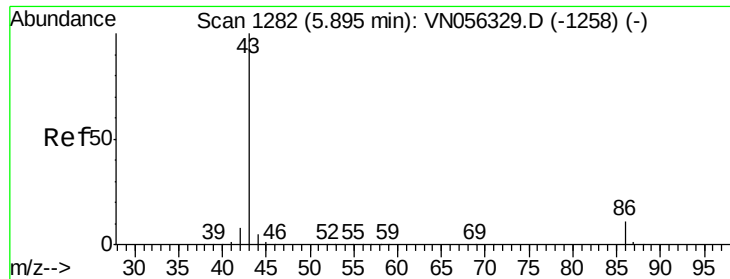
87 31.1 22.4 33.6

59 11.8 9.2 13.8



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: 19.148 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN056327.D

Acq: 17 Jun 2019 9:14

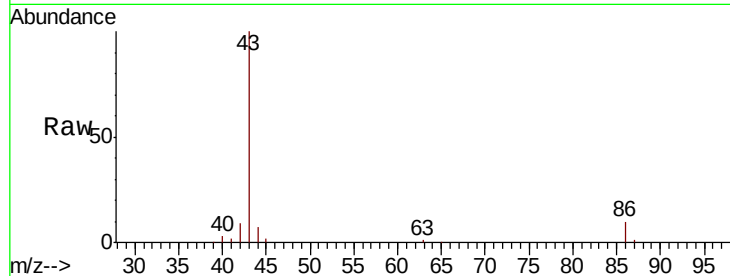
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 205746

Ion Ratio Lower Upper

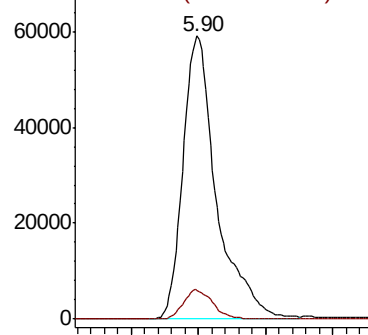
43 100

86 10.2 8.5 12.7

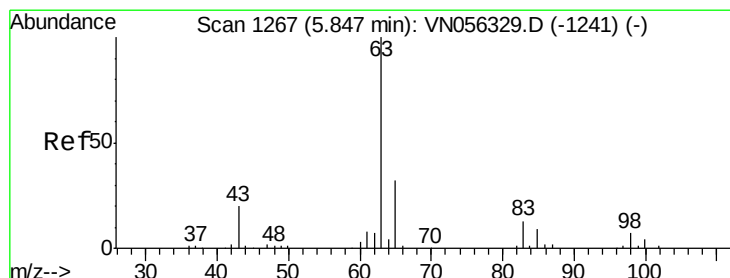
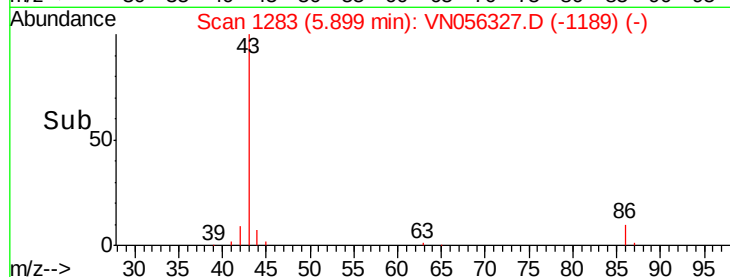


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



Time-->



#24

1,1-Dichloroethane

Concen: 4.273 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN056327.D

Acq: 17 Jun 2019 9:14

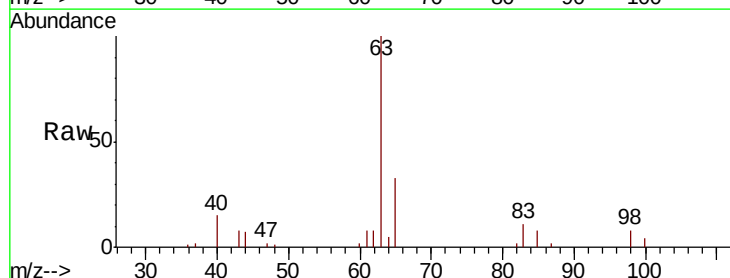
Tgt Ion: 63 Resp: 32786

Ion Ratio Lower Upper

63 100

98 8.5 3.3 9.8

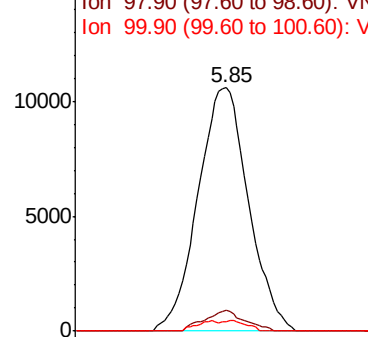
100 4.1 2.2 6.6



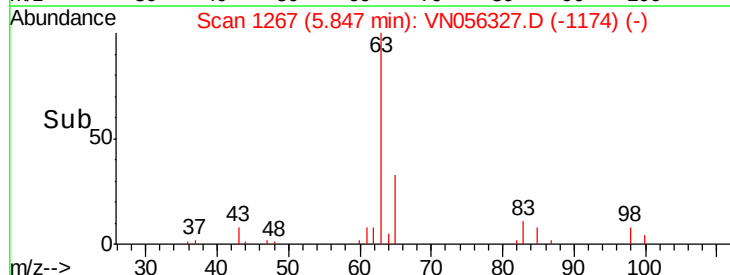
Abundance Ion 62.90 (62.60 to 63.60): VN0

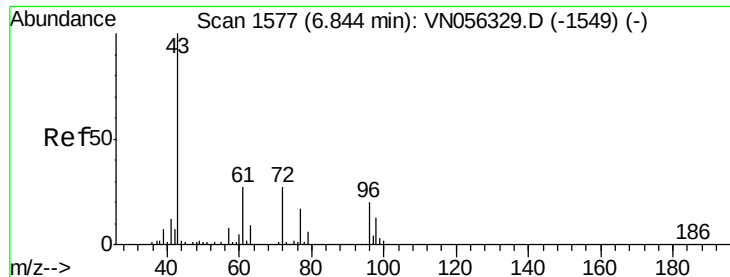
Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



Time-->

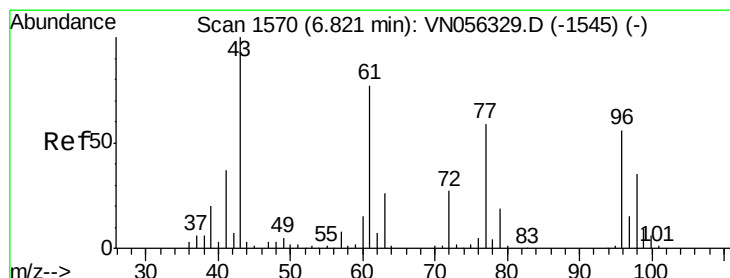
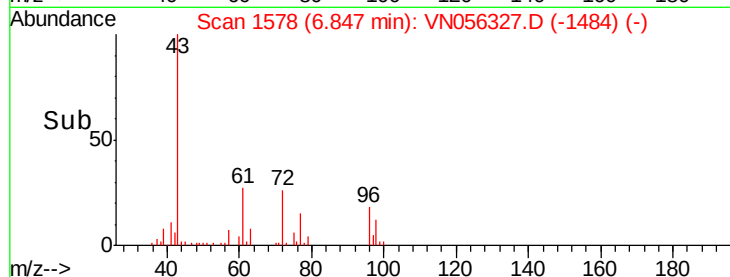
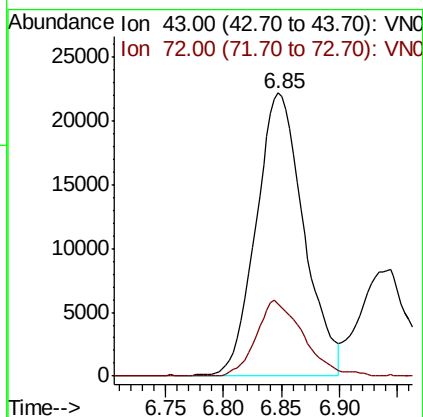
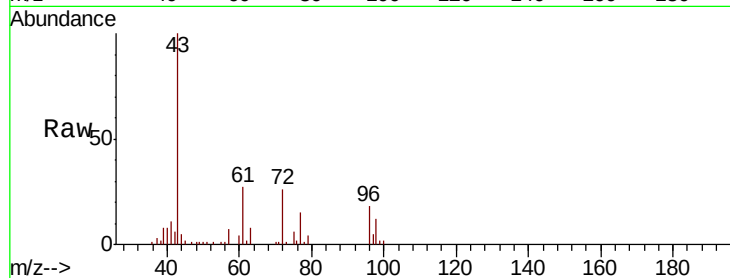




#25
2-Butanone
Concen: 20.461 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

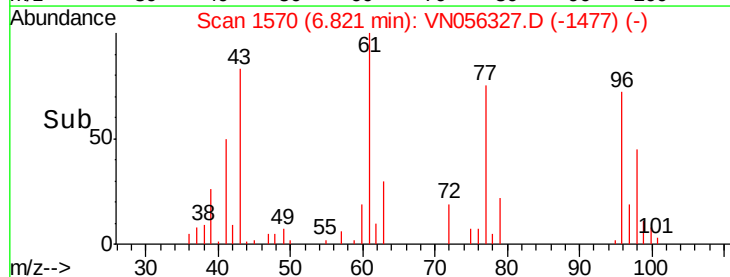
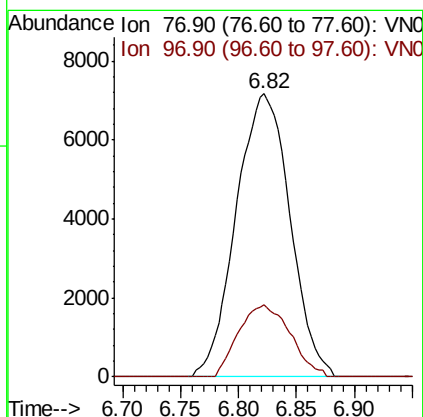
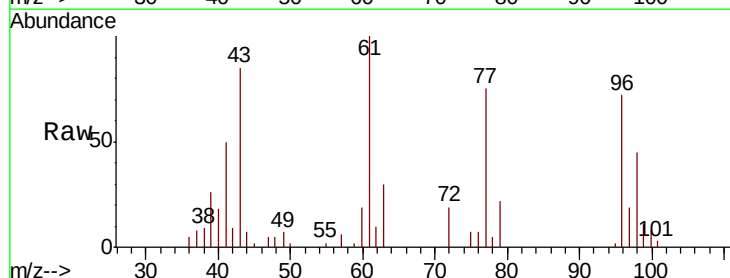
Instrument :
MSVOA_N
ClientSampled :

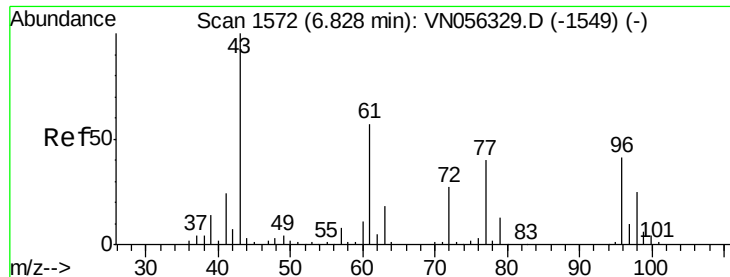
Tot Ion: 43 Resp: 63467
Ion Ratio Lower Upper
43 100
72 25.6 21.4 32.2



#26
2,2-Dichloropropane
Concen: 4.032 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

Tgt Ion: 77 Resp: 23152
Ion Ratio Lower Upper
77 100
97 24.4 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 4.086 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN056327.D

Acq: 17 Jun 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

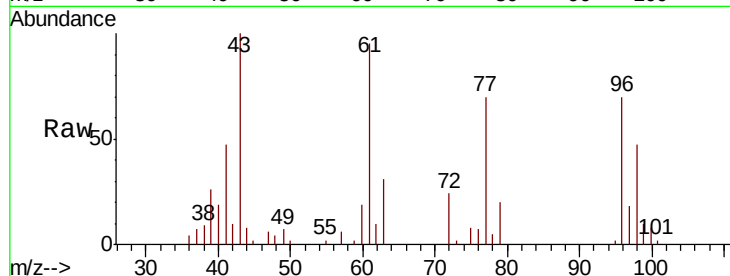
Tot Ion: 96 Resp: 20486

Ion Ratio Lower Upper

96 100

61 143.2 0.0 278.6

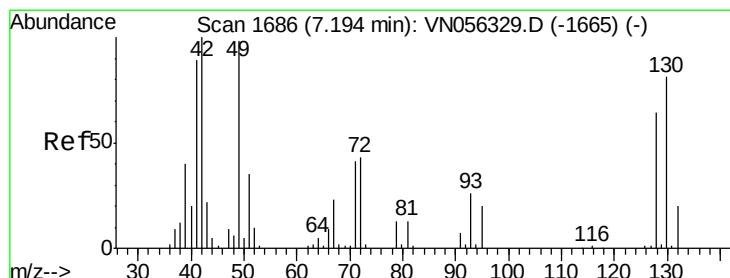
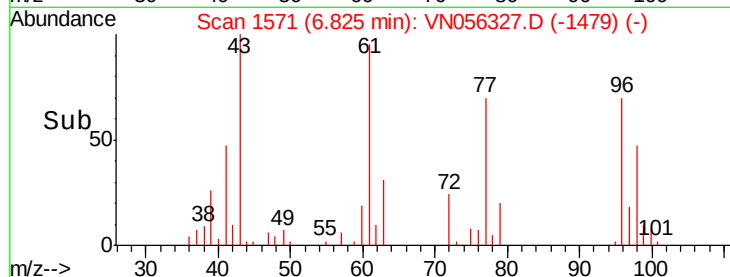
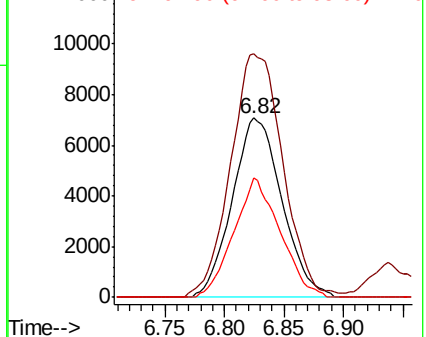
98 62.0 0.0 127.0



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: 4.105 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VN056327.D

Acq: 17 Jun 2019 9:14

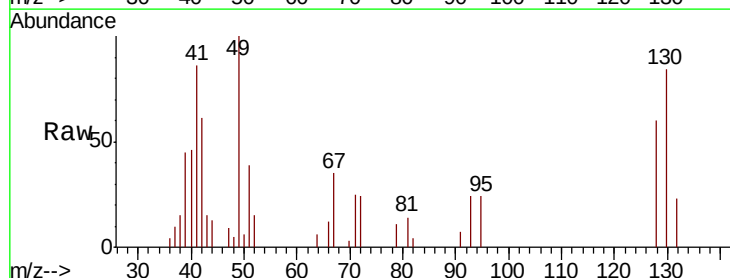
Tgt Ion: 49 Resp: 15265

Ion Ratio Lower Upper

49 100

129 0.2 0.0 4.4

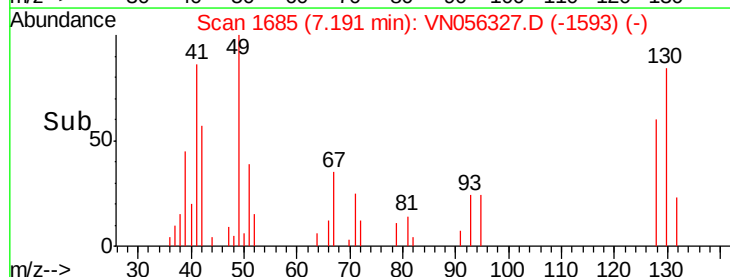
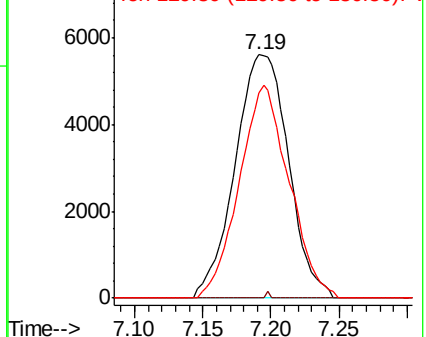
130 81.5 66.4 99.6

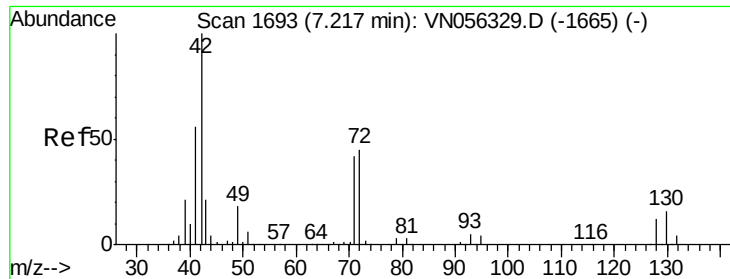


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

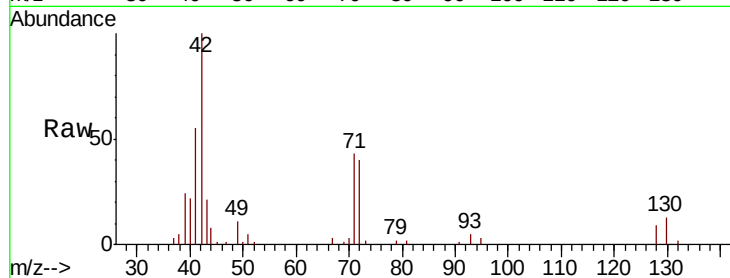




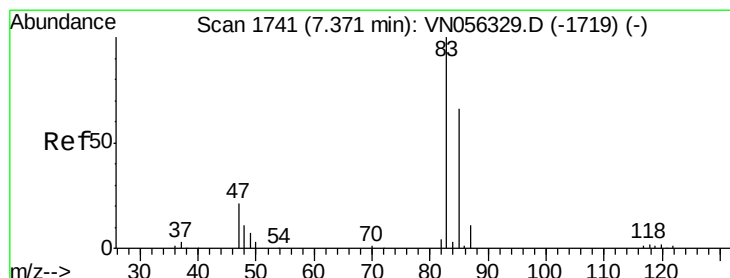
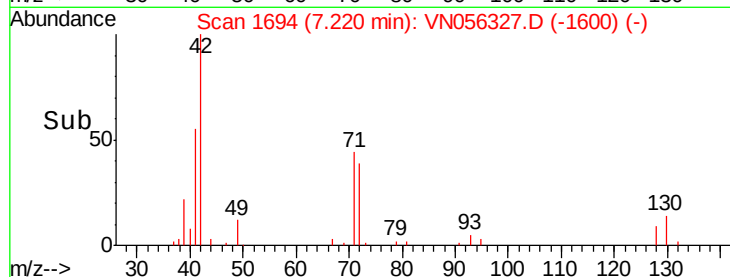
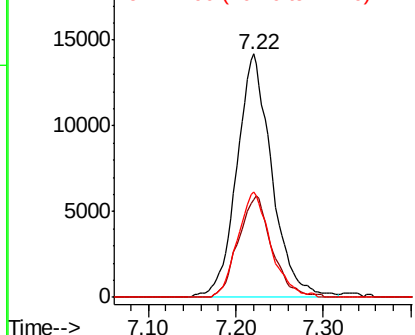
#29
Tetrahydrofuran
Concen: 21.153 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. 0.00 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 39485
Ion Ratio Lower Upper
42 100
72 39.7 35.3 52.9
71 40.5 32.7 49.1

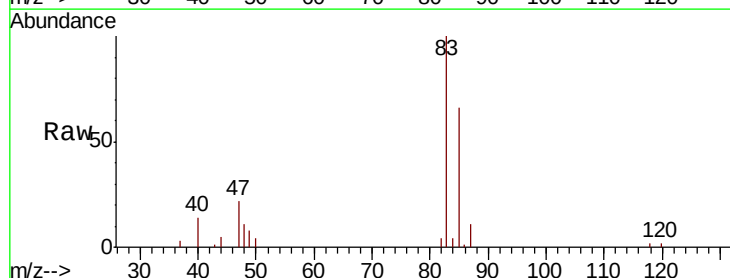


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

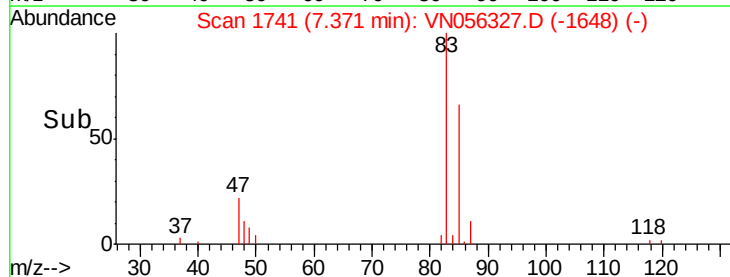
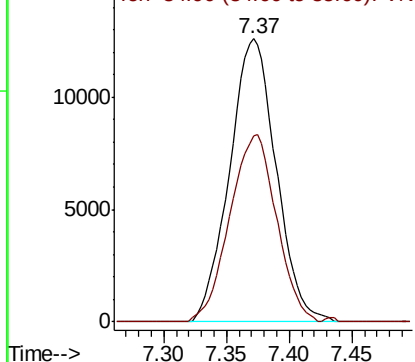


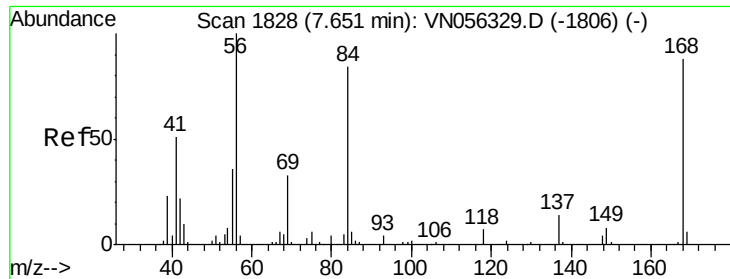
#30
Chloroform
Concen: 4.245 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

Tgt Ion: 83 Resp: 32510
Ion Ratio Lower Upper
83 100
85 65.6 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

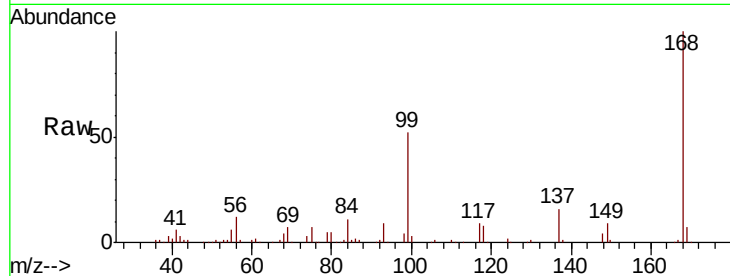




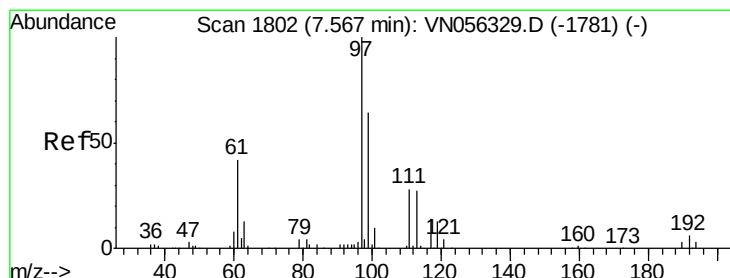
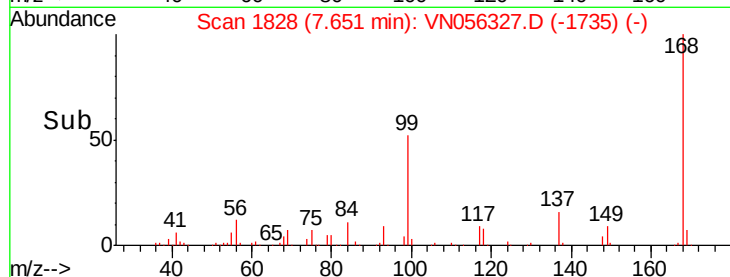
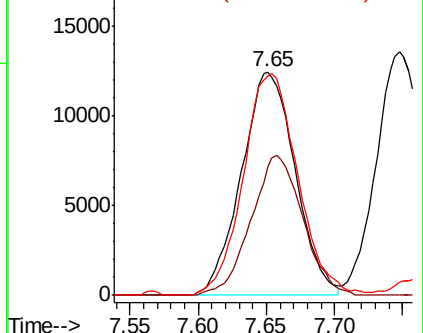
#31
Cyclohexane
Concen: 4.370 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 34188
Ion Ratio Lower Upper
56 100
69 57.3 26.0 39.0#
84 98.3 67.4 101.0

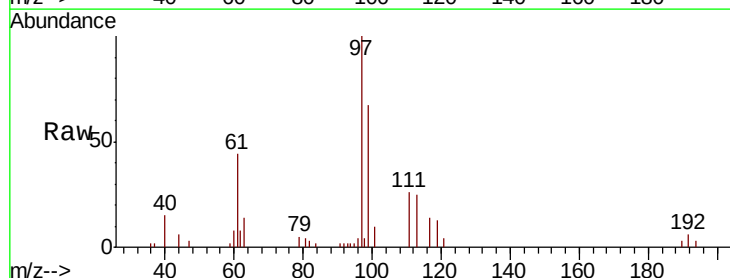


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

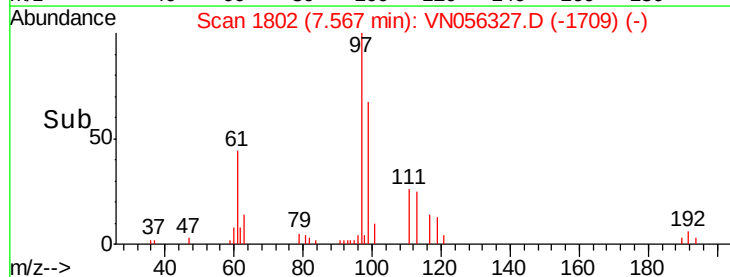
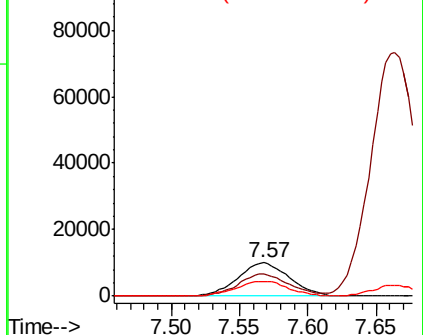


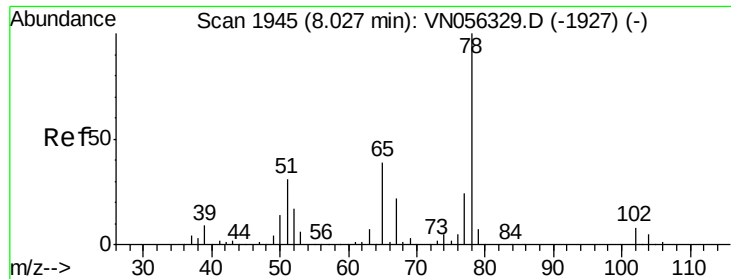
#32
1,1,1-Trichloroethane
Concen: 4.146 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

Tgt Ion: 97 Resp: 26492
Ion Ratio Lower Upper
97 100
99 65.5 51.4 77.0
61 44.8 34.4 51.6



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

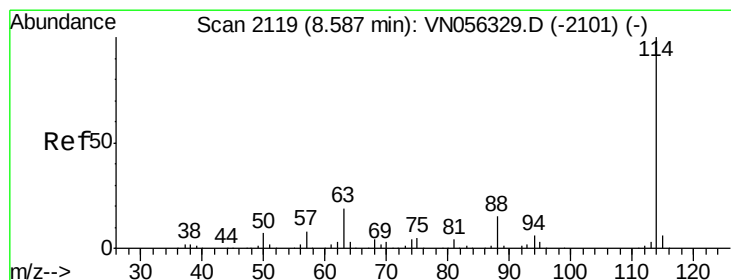
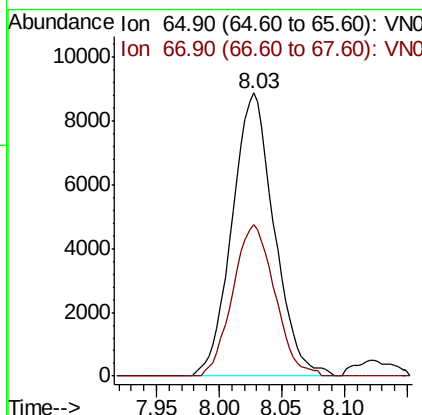
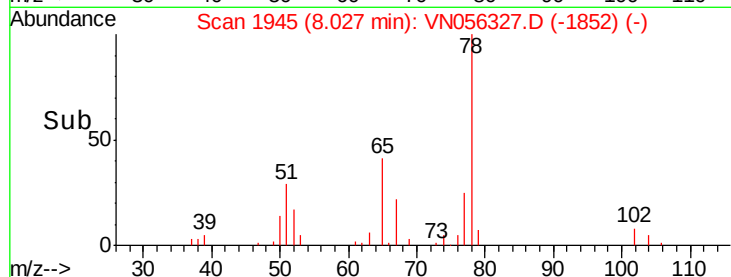
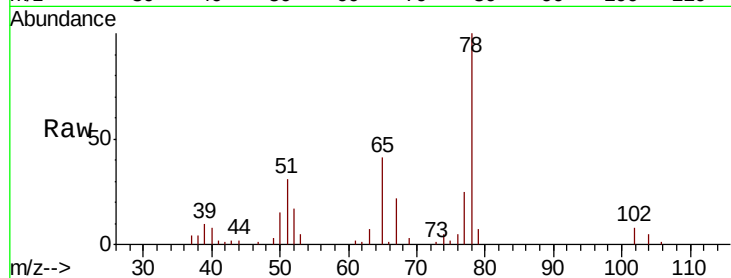




#33
 1,2-Dichloroethane-d4
 Concen: 4.160 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056327.D
 Acq: 17 Jun 2019 9:14

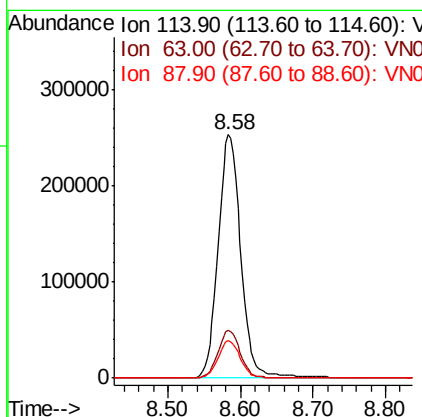
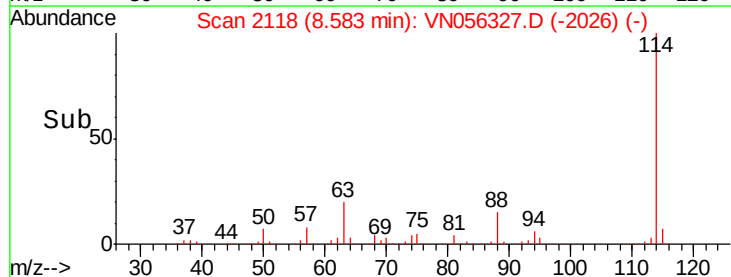
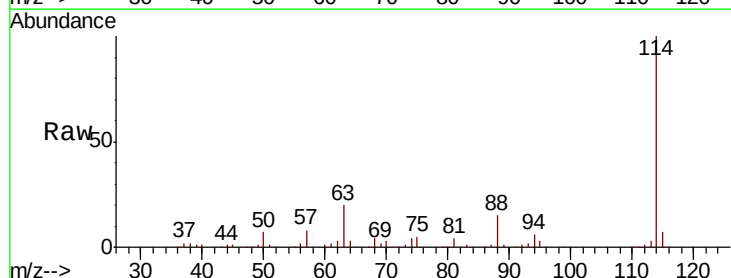
Instrument :
 MSVOA_N
 ClientSampleId :

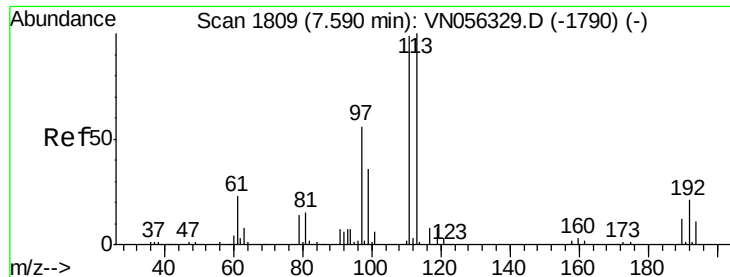
Tot Ion: 65 Resp: 20727
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056327.D
 Acq: 17 Jun 2019 9:14

Tgt Ion: 114 Resp: 549455
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.8
 88 15.2 0.0 30.6

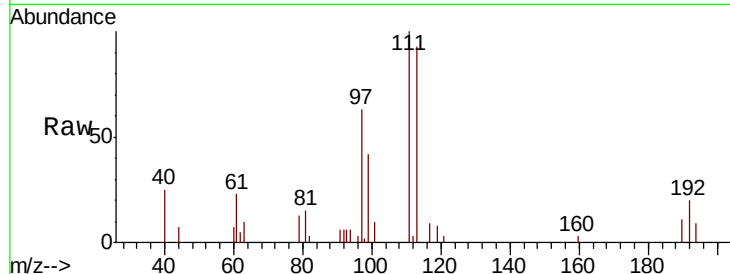




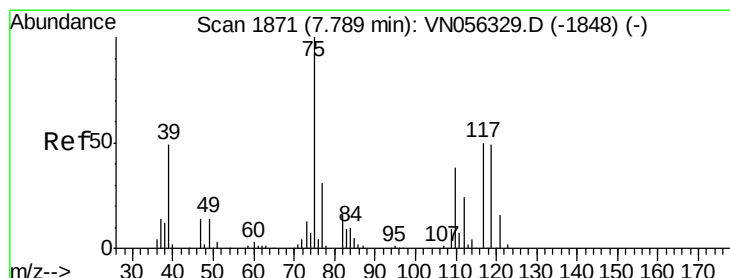
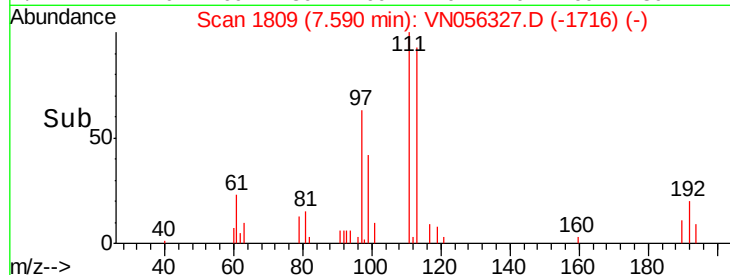
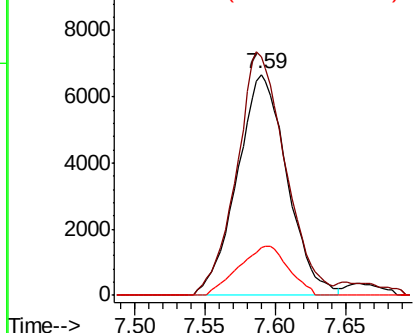
#35
 Dibromofluoromethane
 Concen: 3.659 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056327.D
 Acq: 17 Jun 2019 9:14

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	107.7	82.1	123.1
192	22.2	17.6	26.4

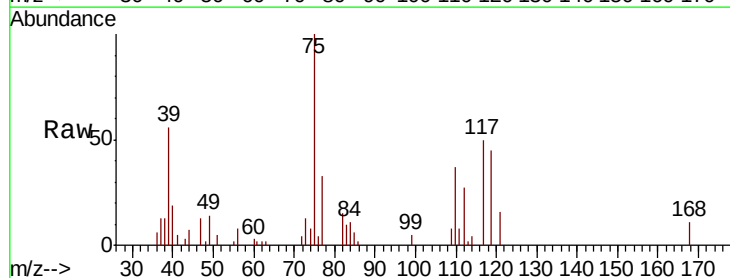


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

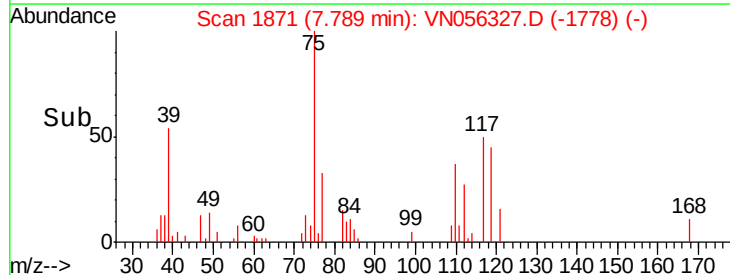
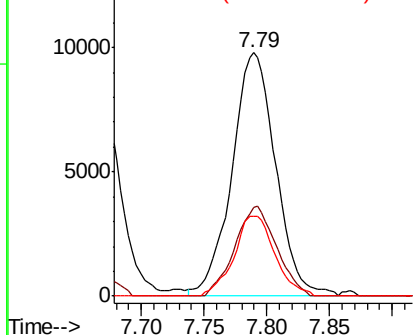


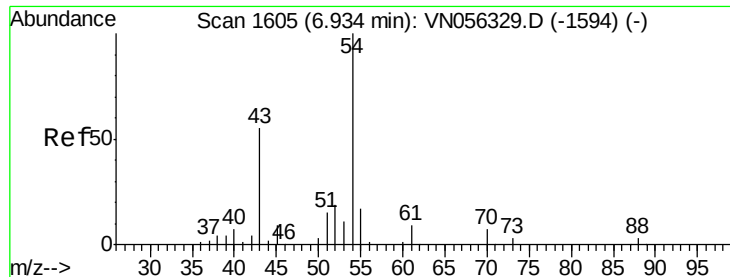
#36
 1,1-Dichloropropene
 Concen: 3.910 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056327.D
 Acq: 17 Jun 2019 9:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	18.6	56.0
77	30.7	25.0	37.6



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

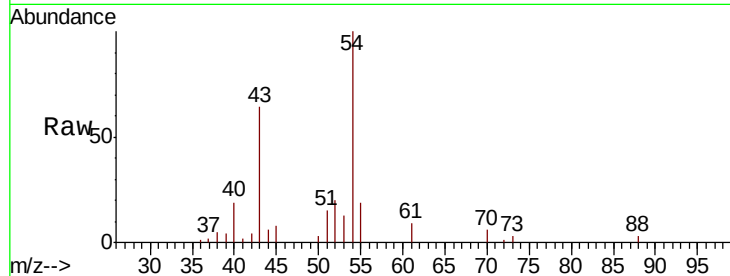




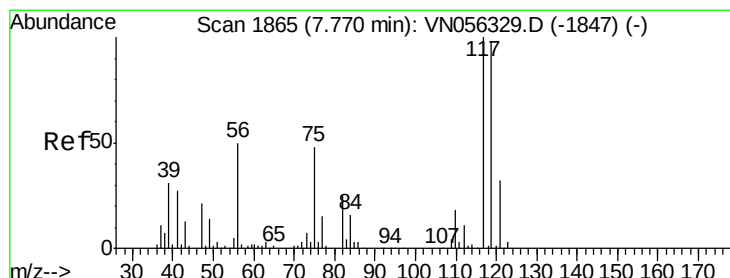
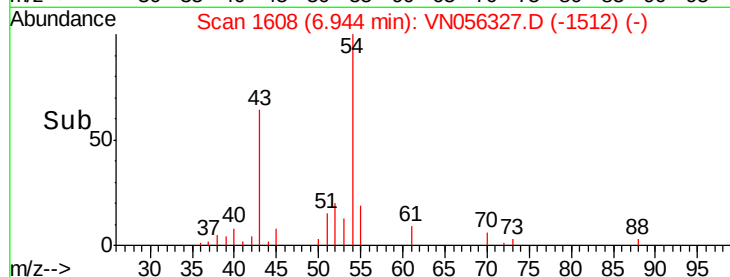
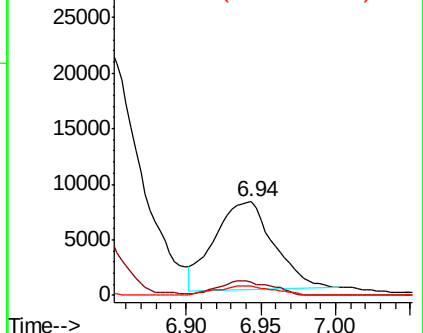
#37
Ethyl Acetate
Concen: 3.810 ug/l
RT: 6.94 min Scan# 1608
Delta R.T. 0.01 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 21762
Ion Ratio Lower Upper
43 100
61 15.0 11.7 17.5
70 10.5 8.3 12.5

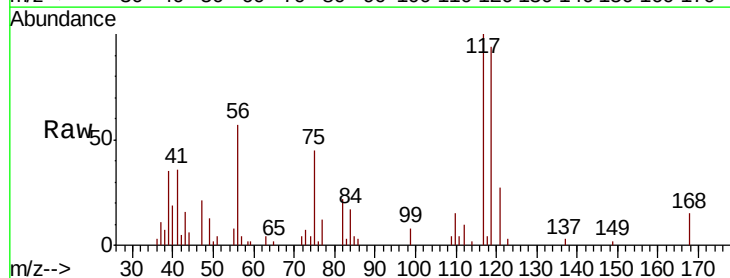


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

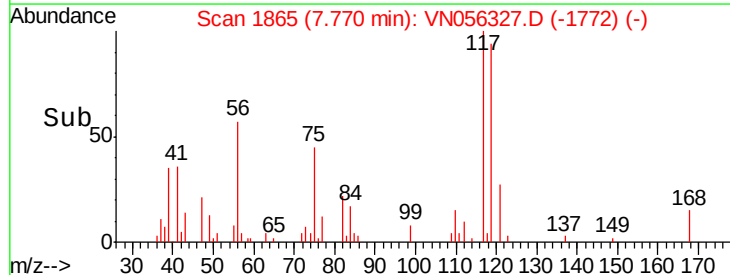
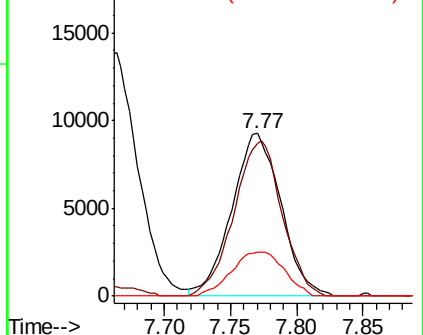


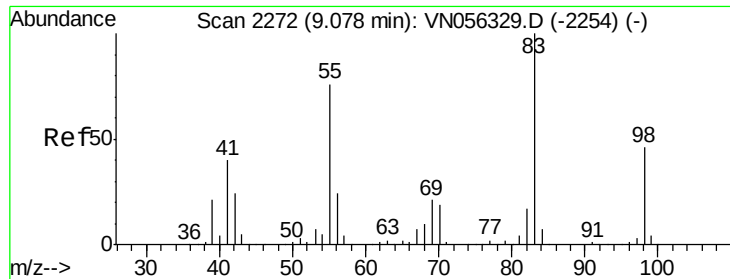
#38
Carbon Tetrachloride
Concen: 4.214 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

Tgt Ion: 117 Resp: 23914
Ion Ratio Lower Upper
117 100
119 93.5 77.8 116.8
121 27.1 25.3 37.9



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

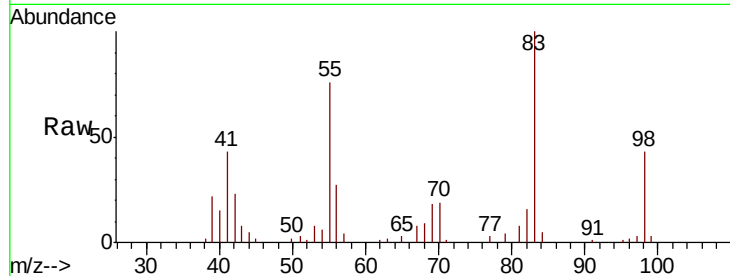




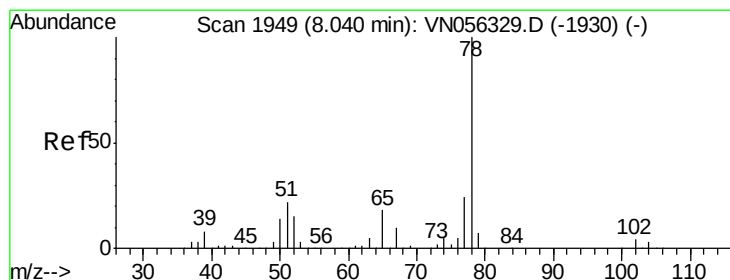
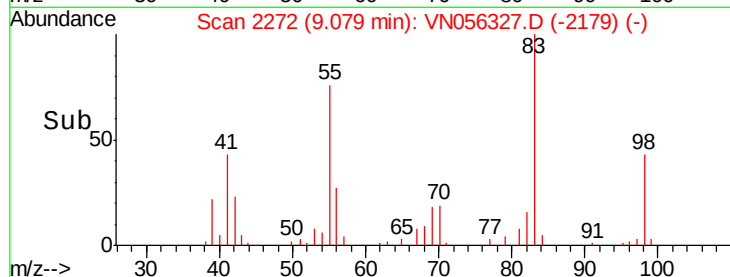
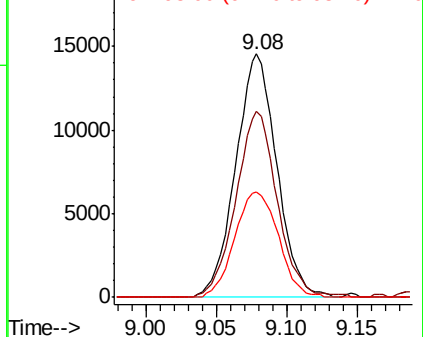
#39
Methylvlcyclohexane
Concen: 3.942 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 29709
Ion Ratio Lower Upper
83 100
55 76.3 60.8 91.2
98 43.4 36.8 55.2

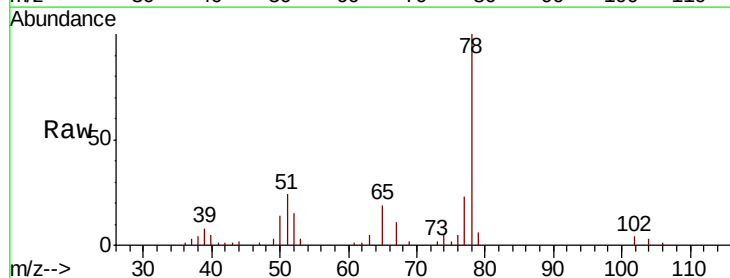


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

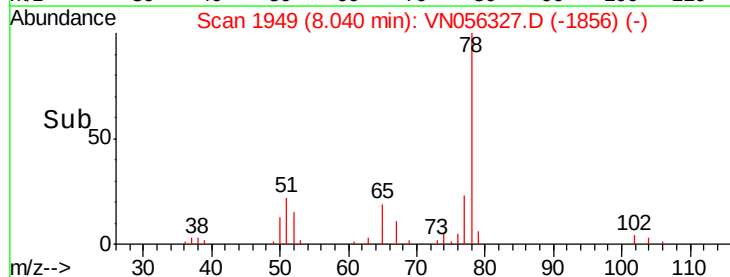
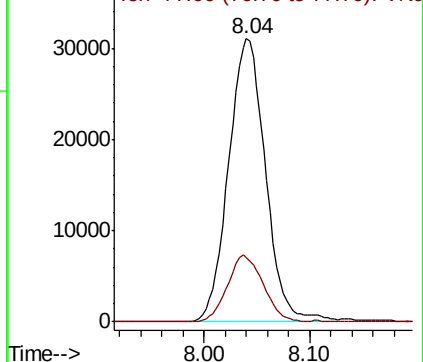


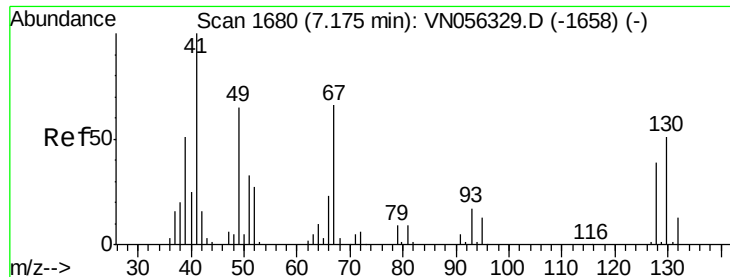
#40
Benzene
Concen: 4.083 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

Tgt Ion: 78 Resp: 75379
Ion Ratio Lower Upper
78 100
77 23.0 19.2 28.8



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

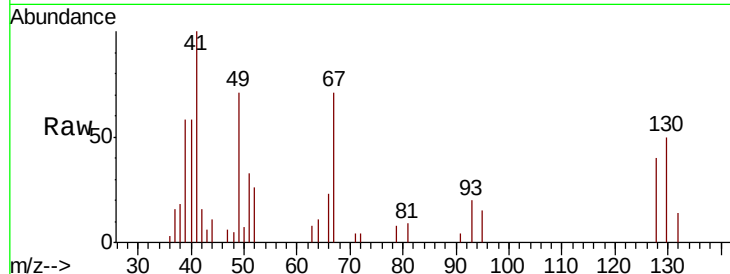




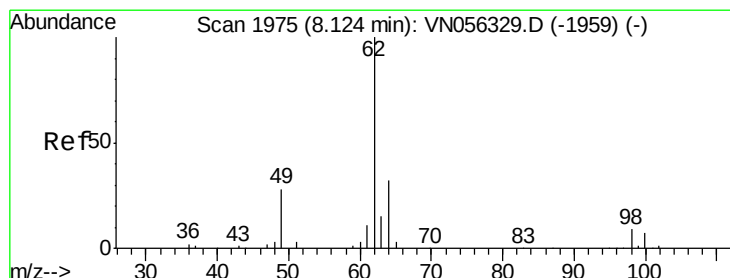
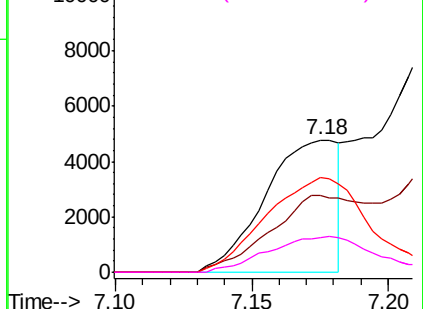
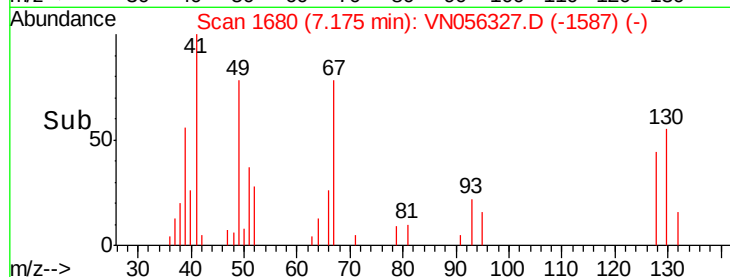
#41
Methacrylonitrile
Concen: 3.308 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 8869
Ion Ratio Lower Upper
41 100
39 75.9 44.5 66.7#
67 103.2 69.0 103.4
52 40.3 28.1 42.1

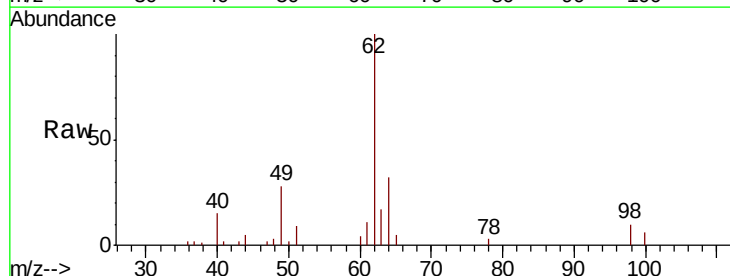


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

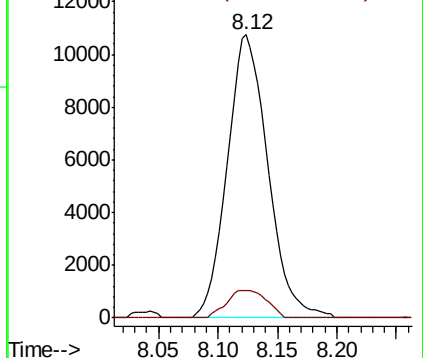
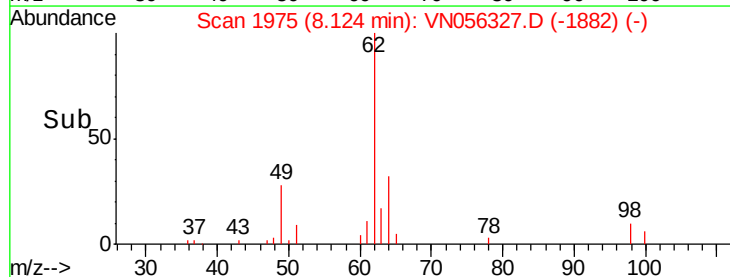


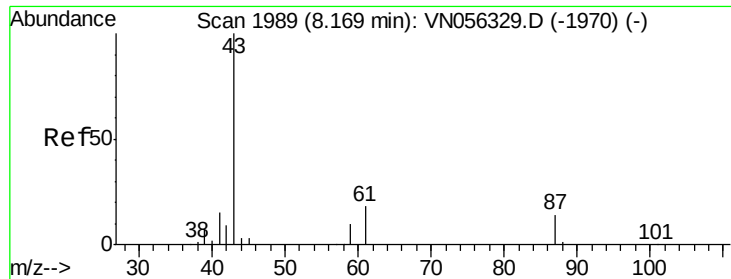
#42
1,2-Dichloroethane
Concen: 4.238 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

Tgt Ion: 62 Resp: 25436
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 3.953 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN056327.D

Acq: 17 Jun 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

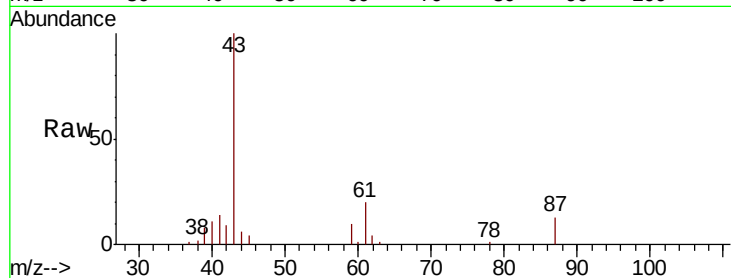
Tot Ion: 43 Resp: 35625

Ion Ratio Lower Upper

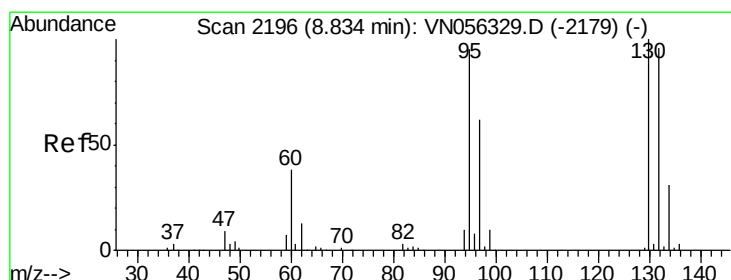
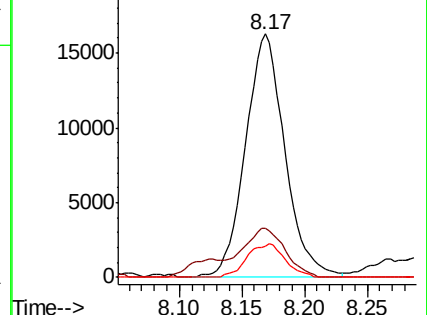
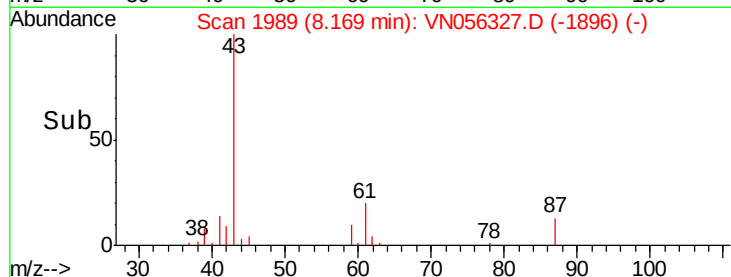
43 100

61 20.9 16.6 25.0

87 13.2 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN056327.D (-2103) (-)



#44

Trichloroethene

Concen: 3.928 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056327.D

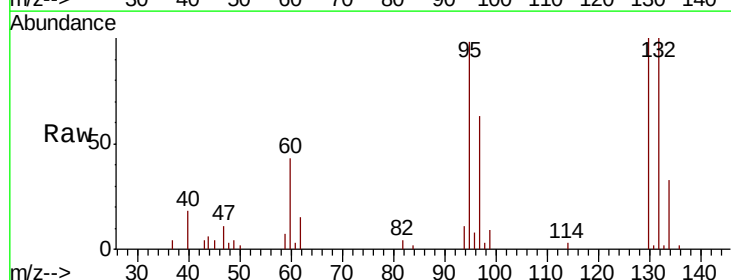
Acq: 17 Jun 2019 9:14

Tgt Ion:130 Resp: 20272

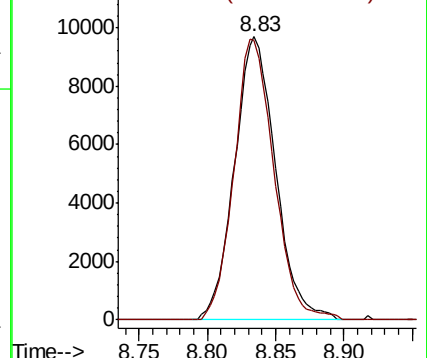
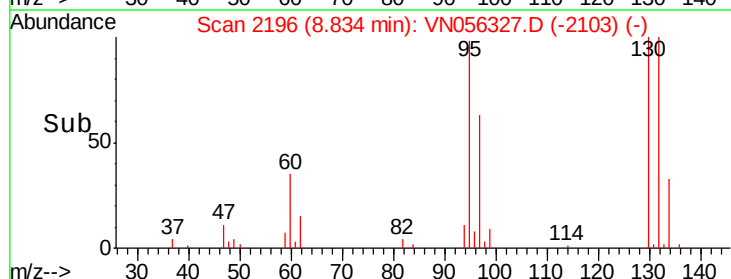
Ion Ratio Lower Upper

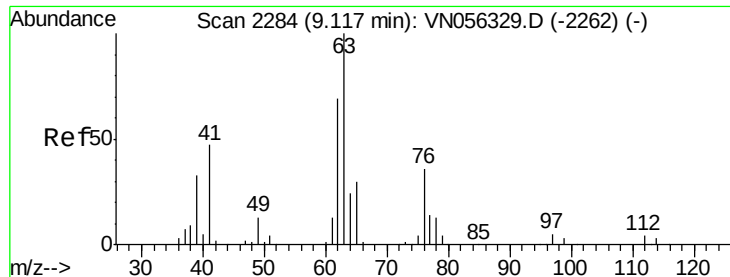
130 100

95 98.6 0.0 190.4



Abundance Ion 129.80 (129.50 to 130.50): VN056327.D (-2103) (-)

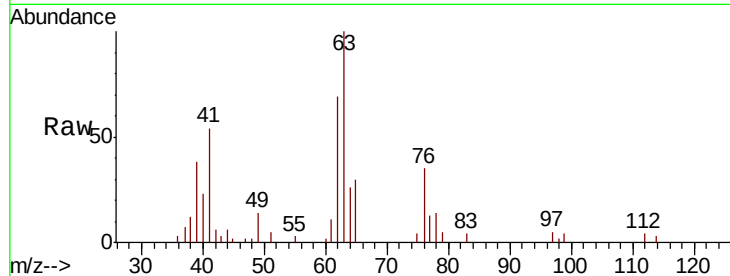




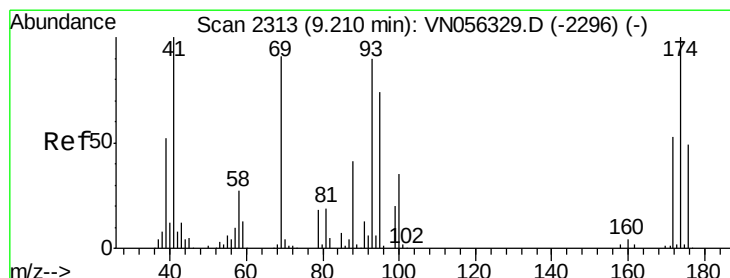
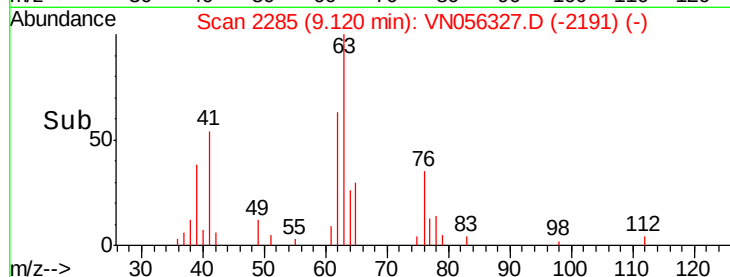
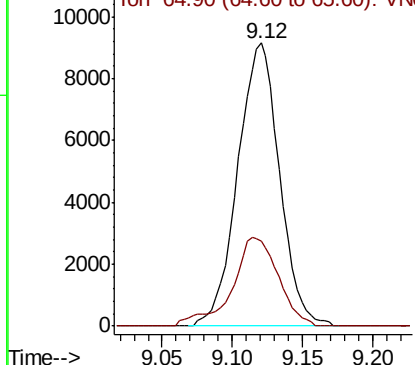
#45
 1,2-Dichloropropane
 Concen: 3.940 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN056327.D
 Acq: 17 Jun 2019 9:14

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 63 Resp: 19007
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.4 36.6

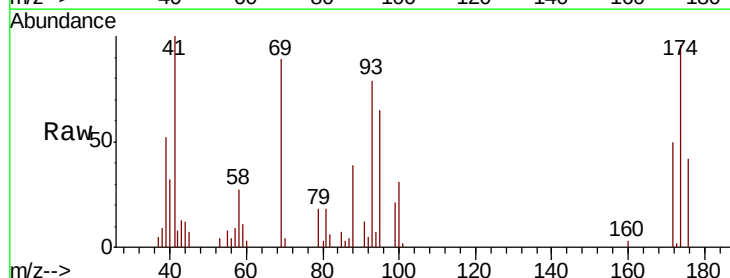


Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 64.90 (64.60 to 65.60): VN0

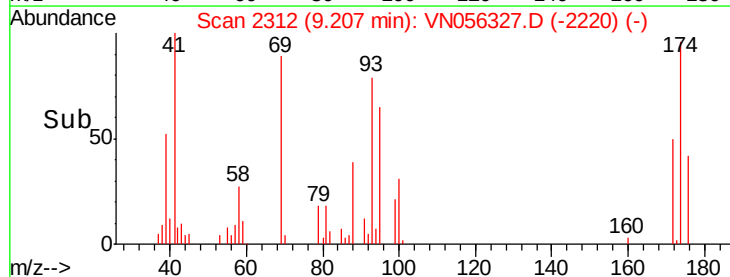
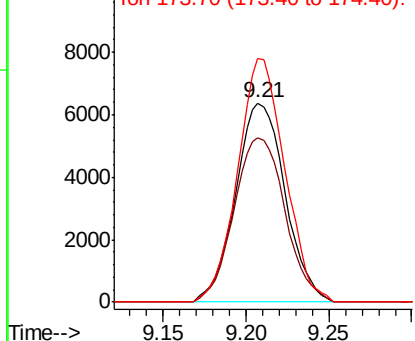


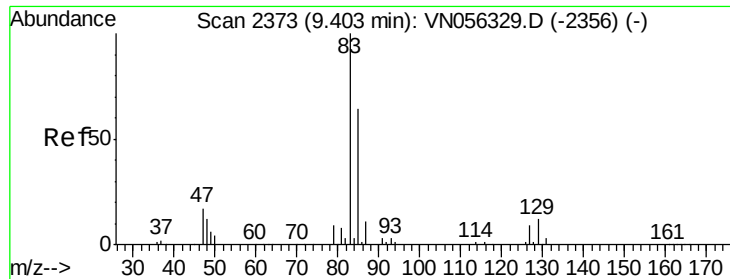
#46
 Dibromomethane
 Concen: 4.184 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN056327.D
 Acq: 17 Jun 2019 9:14

Tgt Ion: 93 Resp: 13215
 Ion Ratio Lower Upper
 93 100
 95 85.3 67.2 100.8
 174 116.5 90.3 135.5



Abundance Ion 92.80 (92.50 to 93.50): VN0
 Ion 94.80 (94.50 to 95.50): VN0
 Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 4.177 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056327.D

Acq: 17 Jun 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

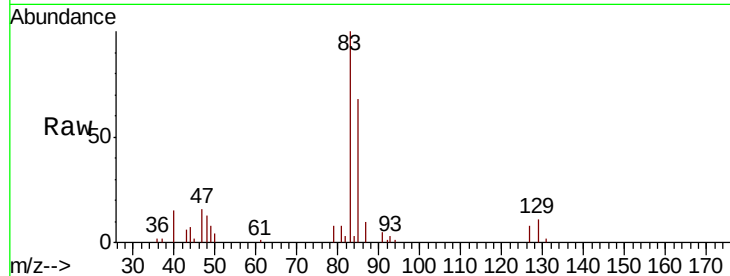
Tot Ion: 83 Resp: 24510

Ion Ratio Lower Upper

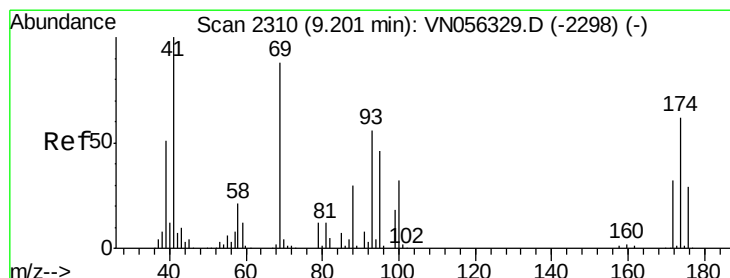
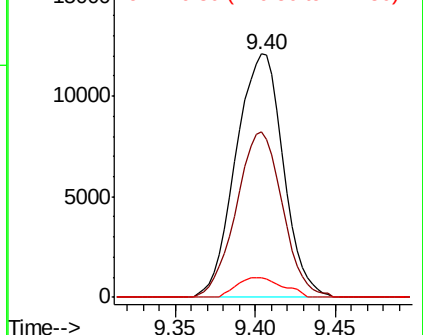
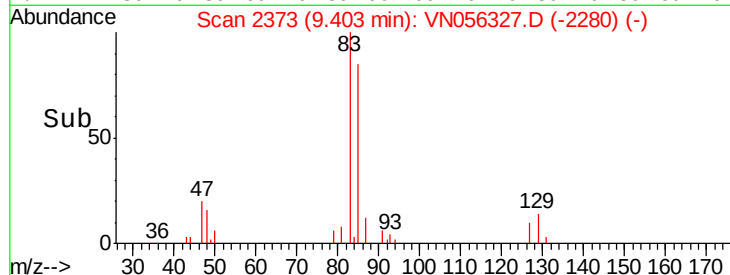
83 100

85 67.7 51.1 76.7

127 8.0 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN056327.D (-2280) (-)



#48

Methyl methacrylate

Concen: 3.946 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056327.D

Acq: 17 Jun 2019 9:14

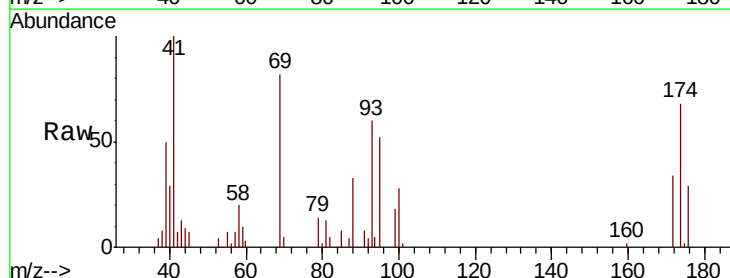
Tgt Ion: 41 Resp: 17752

Ion Ratio Lower Upper

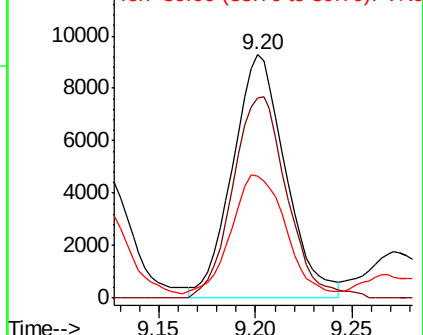
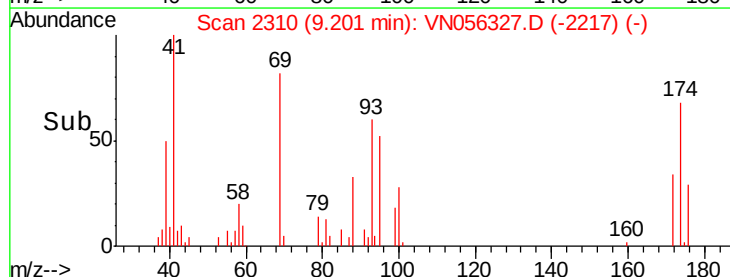
41 100

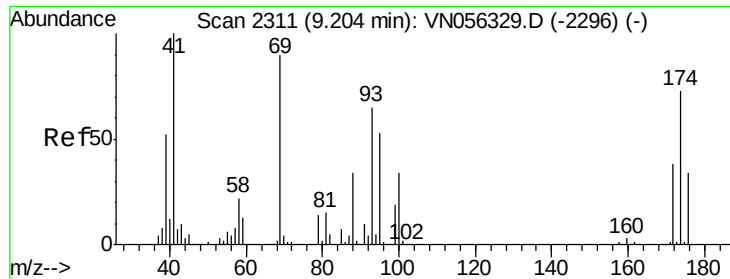
69 84.3 71.0 106.6

39 49.9 41.7 62.5



Abundance Ion 41.00 (40.70 to 41.70): VN056327.D (-2217) (-)

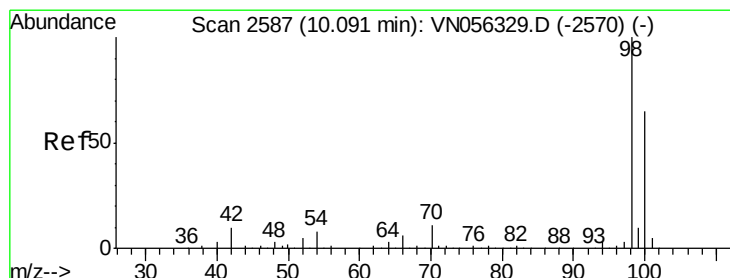
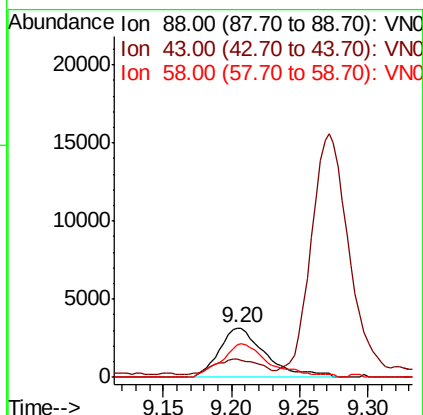
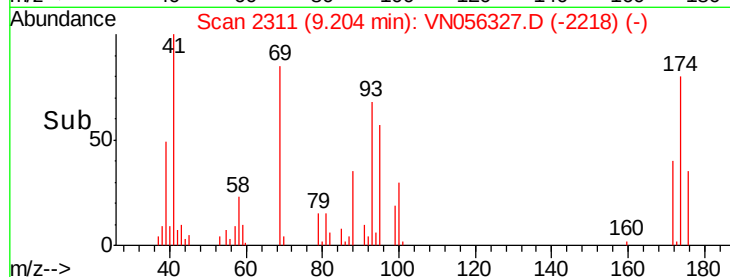
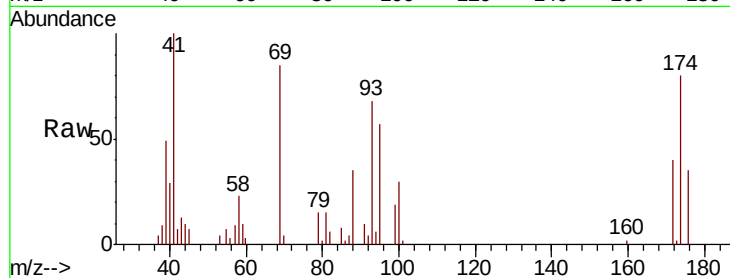




#49
1,4-Dioxane
Concen: 78.977 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

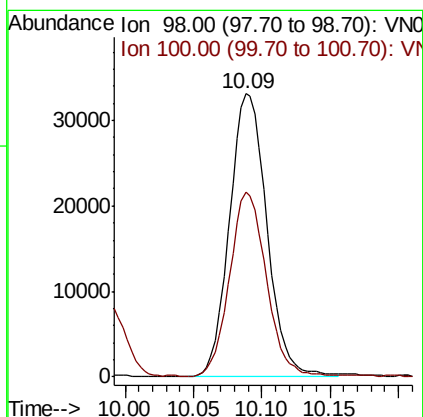
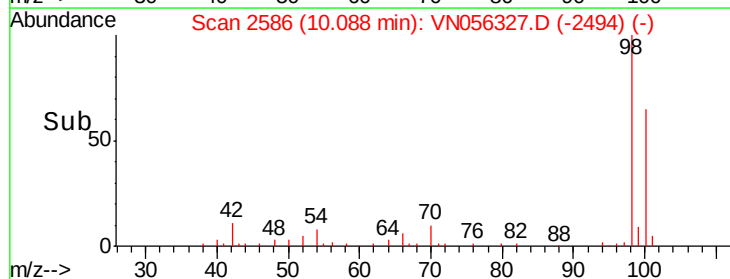
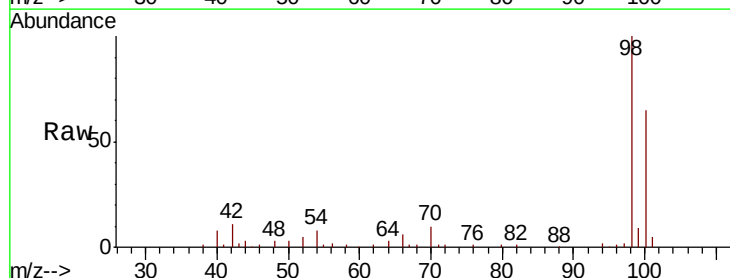
Instrument :
MSVOA_N
ClientSampled :

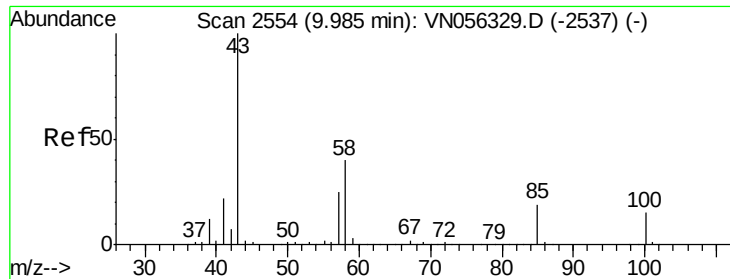
Tot Ion: 88 Resp: 7432
Ion Ratio Lower Upper
88 100
43 29.9 21.9 32.9
58 69.1 57.3 85.9



#50
Toluene-d8
Concen: 3.655 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

Tgt Ion: 98 Resp: 63256
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 19.738 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056327.D

Acq: 17 Jun 2019 9:14

Instrument :

MSVOA_N

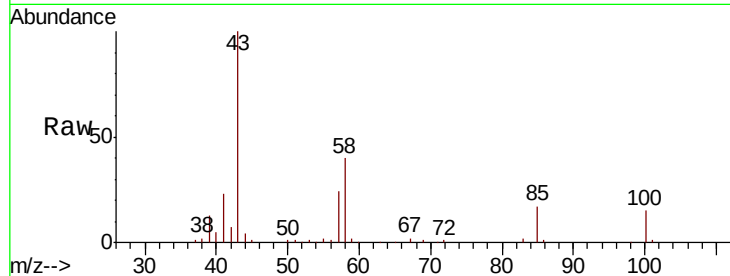
ClientSampleId :

Tot Ion: 43 Resp: 113424

Ion Ratio Lower Upper

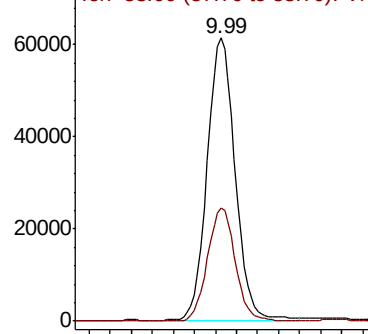
43 100

58 39.6 31.8 47.6

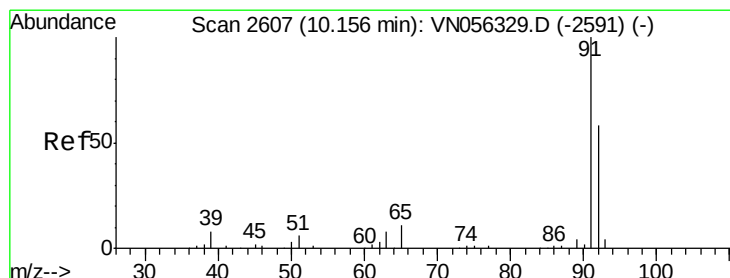
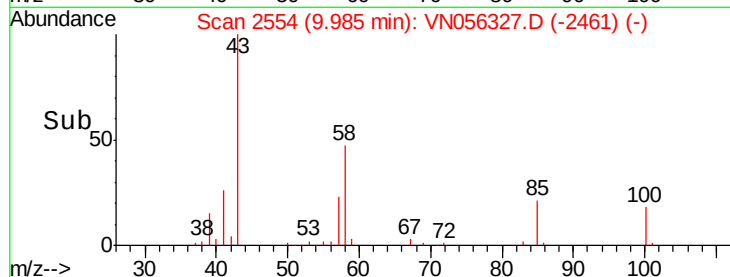


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#52

Toluene

Concen: 3.905 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056327.D

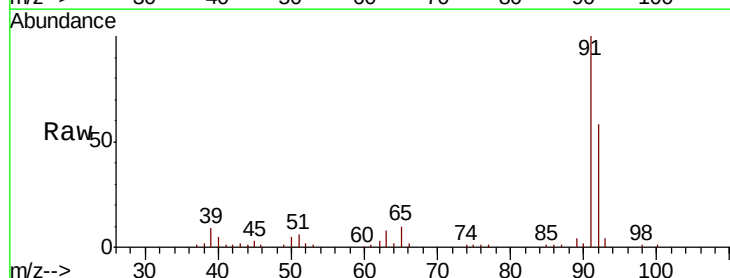
Acq: 17 Jun 2019 9:14

Tgt Ion: 92 Resp: 44792

Ion Ratio Lower Upper

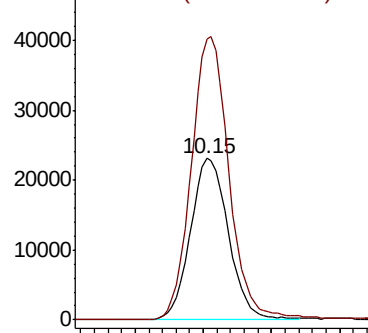
92 100

91 174.0 139.1 208.7

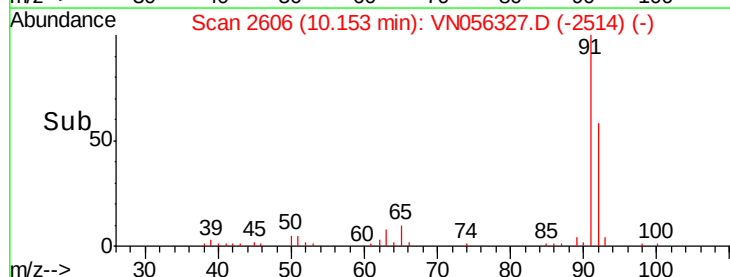


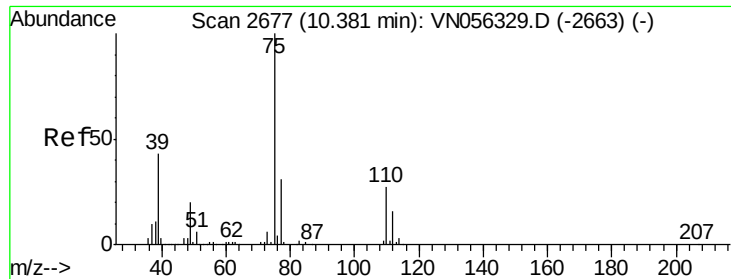
Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



Time-->





#53

t-1,3-Dichloropropene

Concen: 3.599 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056327.D

Acq: 17 Jun 2019 9:14

Instrument :

MSVOA_N

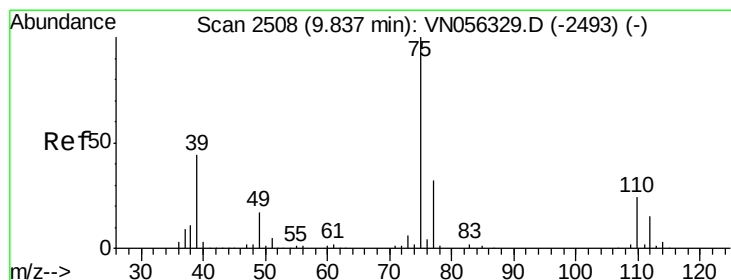
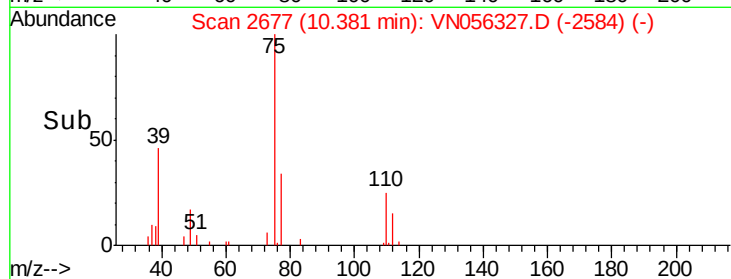
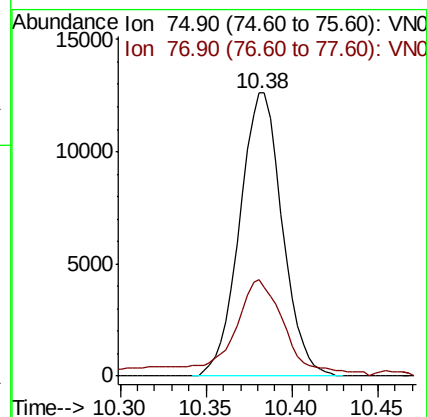
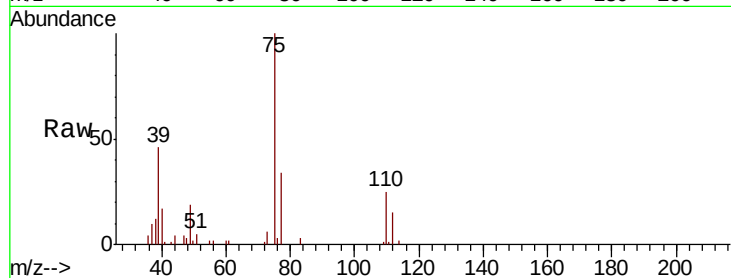
ClientSampleId :

Tot Ion: 75 Resp: 21766

Ion Ratio Lower Upper

75 100

77 32.2 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 3.839 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN056327.D

Acq: 17 Jun 2019 9:14

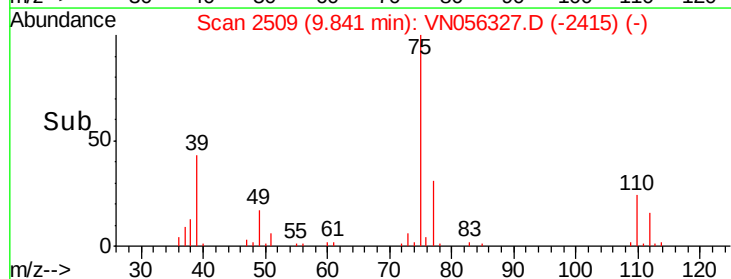
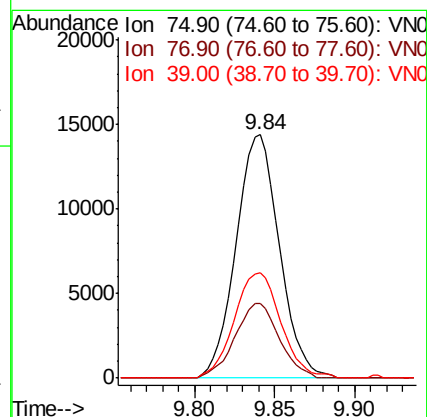
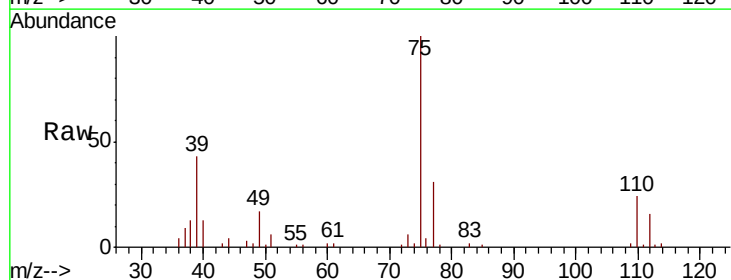
Tgt Ion: 75 Resp: 26671

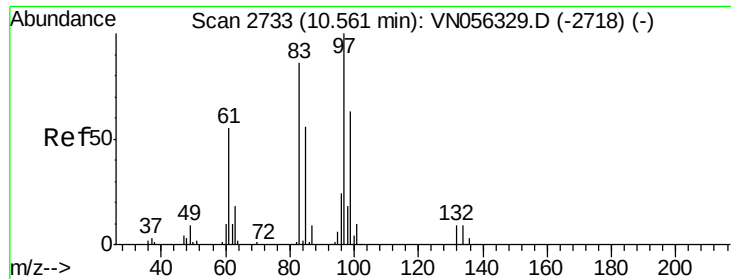
Ion Ratio Lower Upper

75 100

77 30.5 25.7 38.5

39 43.0 35.4 53.0

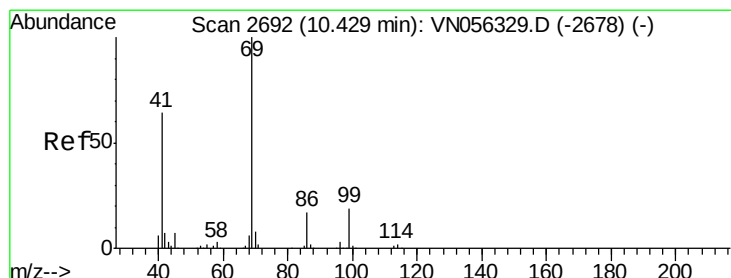
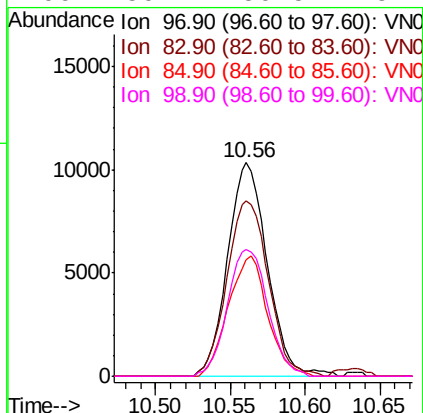
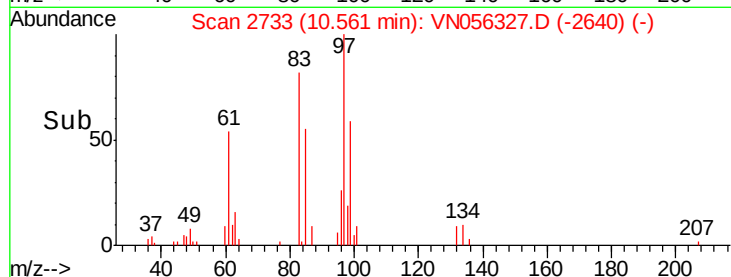
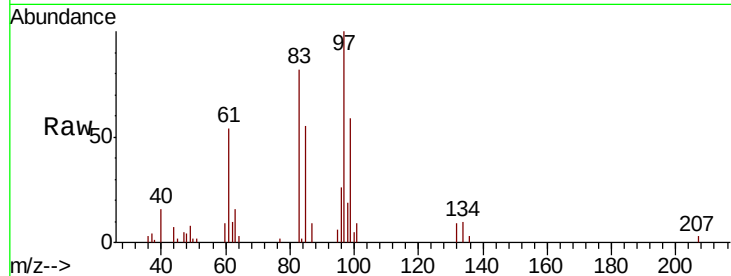




#55
 1,1,2-Trichloroethane
 Concen: 4.194 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056327.D
 Acq: 17 Jun 2019 9:14

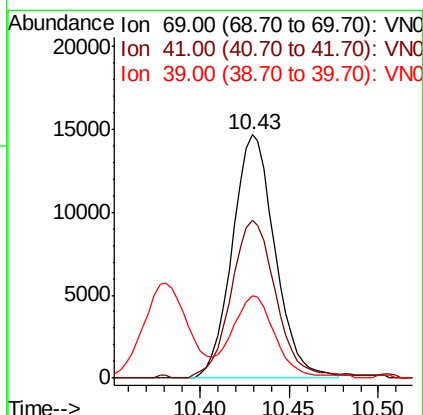
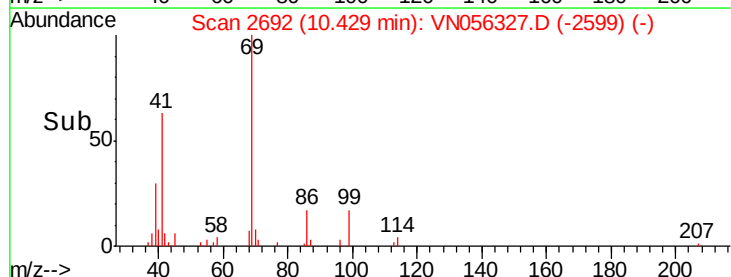
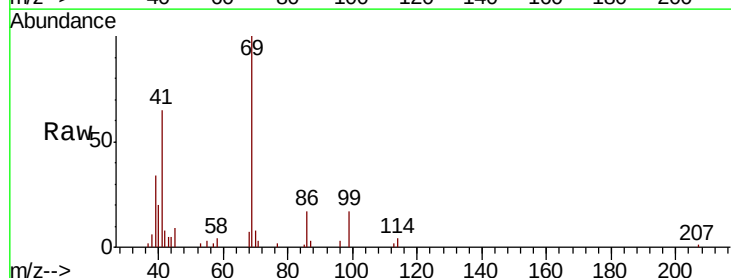
Instrument :
 MSVOA_N
 ClientSampleId :

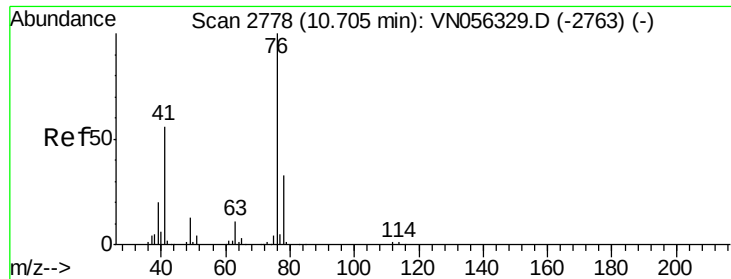
Tot Ion:	97	Resp:	19113
Ion	Ratio	Lower	Upper
97	100		
83	82.3	69.0	103.4
85	54.6	44.6	67.0
99	59.1	50.5	75.7



#56
 Ethyl methacrylate
 Concen: 3.579 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056327.D
 Acq: 17 Jun 2019 9:14

Tgt Ion:	69	Resp:	24379
Ion	Ratio	Lower	Upper
69	100		
41	68.5	52.0	78.0
39	32.5	24.4	36.6





#57

1,3-Dichloropropane

Concen: 4.021 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN056327.D

Acq: 17 Jun 2019 9:14

Instrument :

MSVOA_N

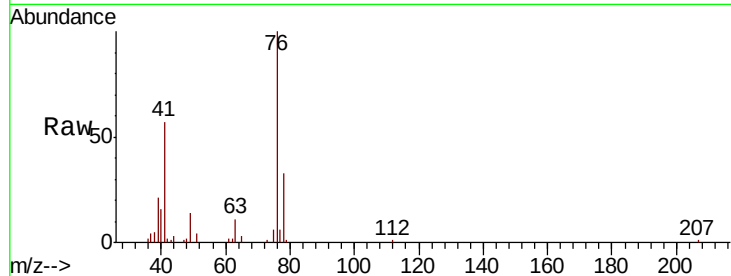
ClientSampled :

Tot Ion: 76 Resp: 30381

Ion Ratio Lower Upper

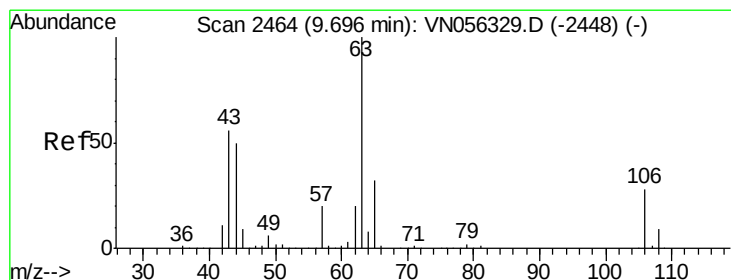
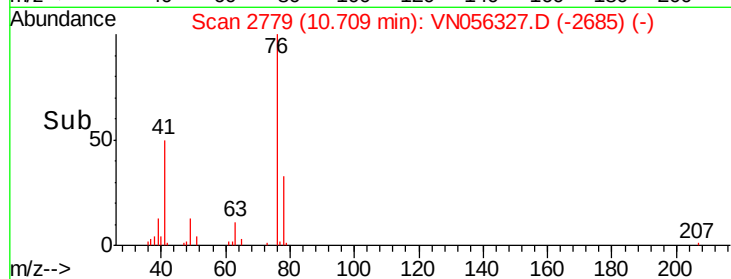
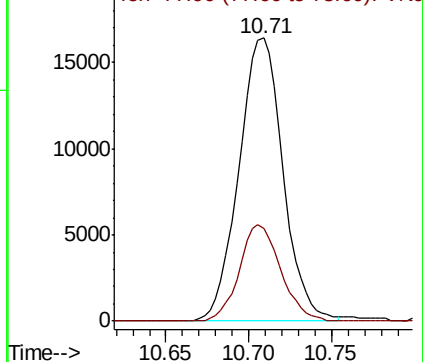
76 100

78 31.8 26.2 39.2



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: 15.510 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN056327.D

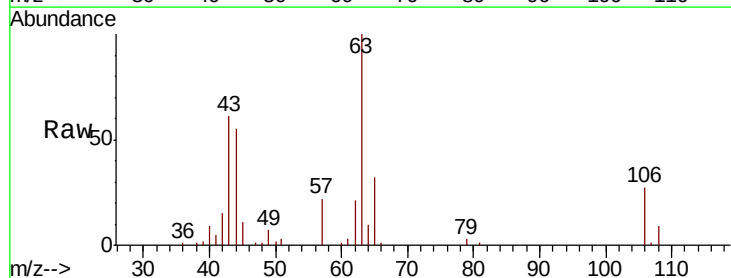
Acq: 17 Jun 2019 9:14

Tgt Ion: 63 Resp: 35637

Ion Ratio Lower Upper

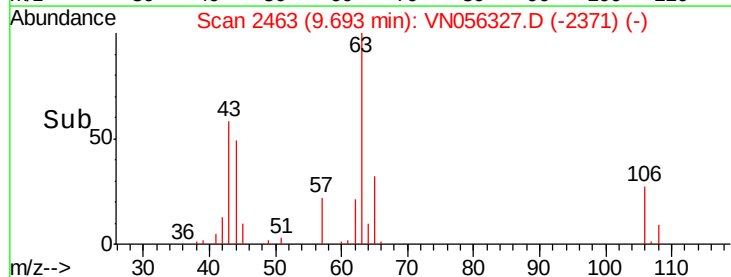
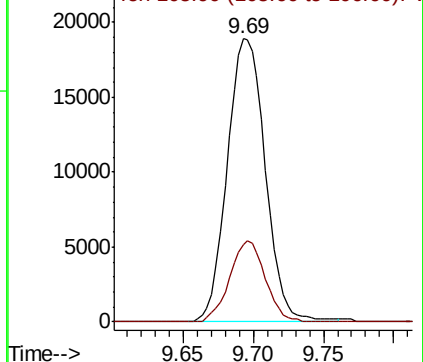
63 100

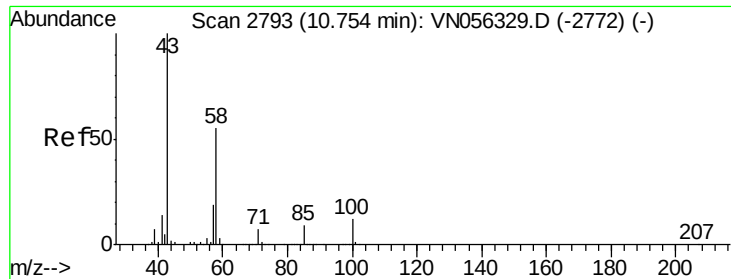
106 26.8 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

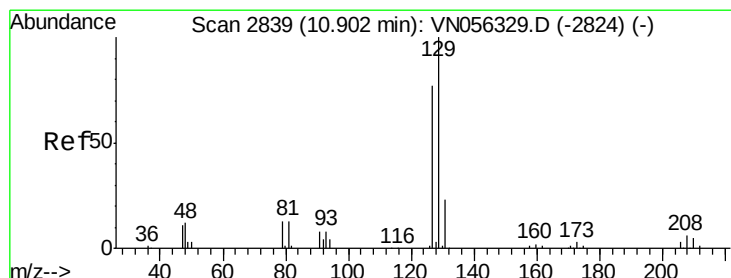
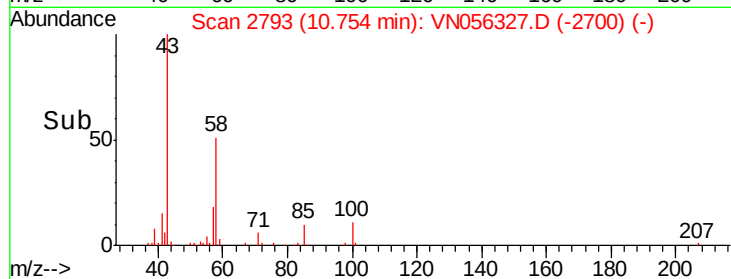
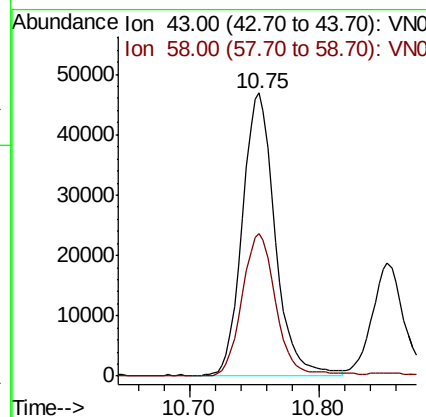
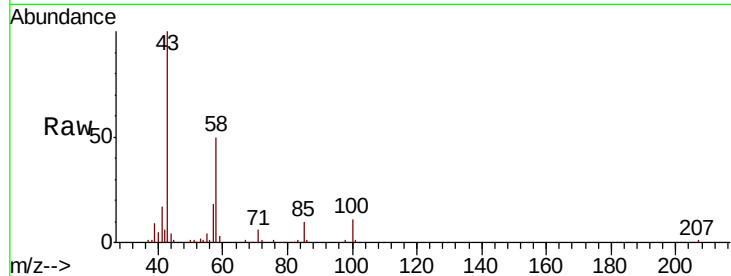




#59
2-Hexanone
Concen: 19.765 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

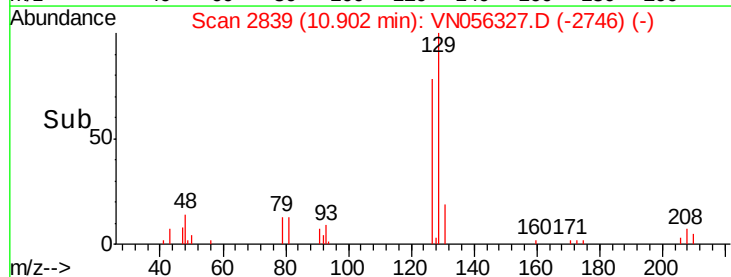
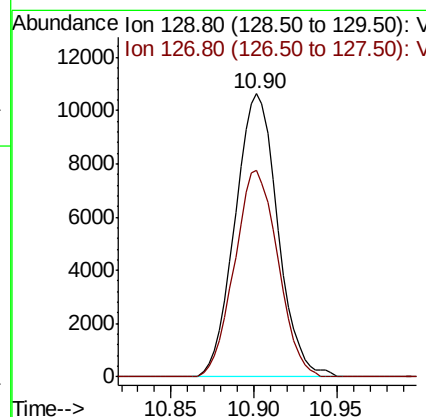
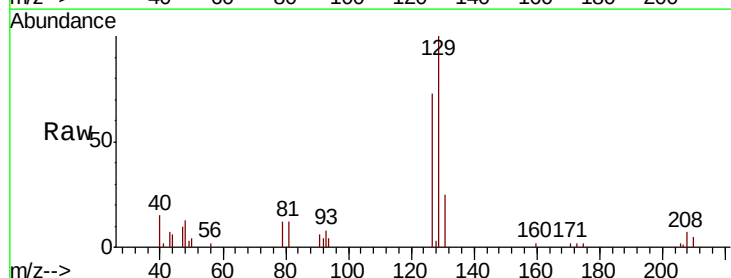
Instrument :
MSVOA_N
ClientSampled :

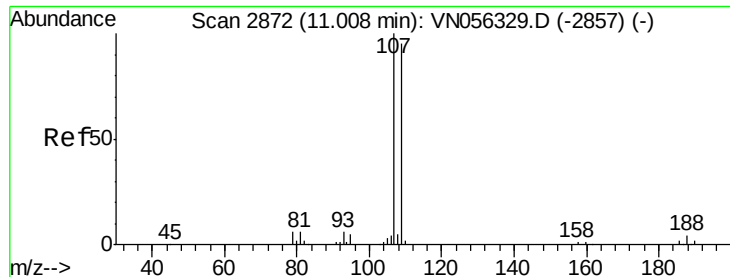
Tot Ion: 43 Resp: 83134
Ion Ratio Lower Upper
43 100
58 51.7 27.8 83.4



#60
Dibromochloromethane
Concen: 4.094 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

Tgt Ion: 129 Resp: 19008
Ion Ratio Lower Upper
129 100
127 74.1 38.6 116.0





#61

1,2-Dibromoethane

Concen: 3.900 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN056327.D

Acq: 17 Jun 2019 9:14

Instrument :

MSVOA_N

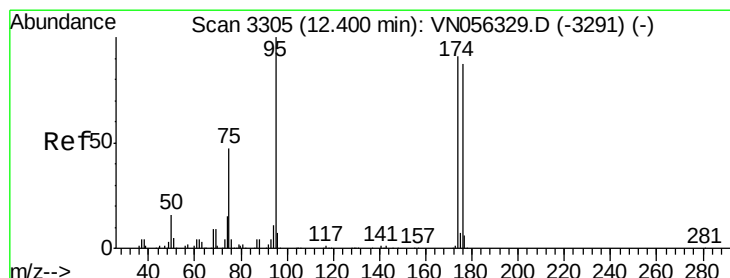
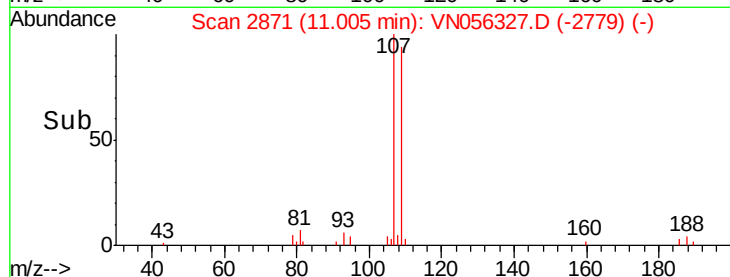
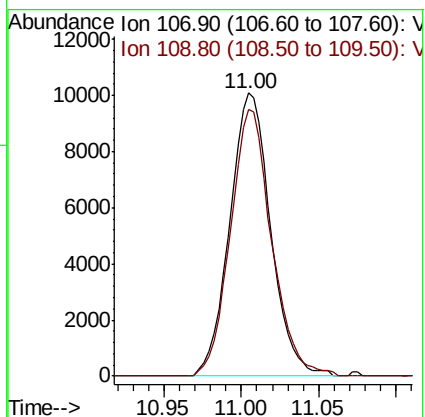
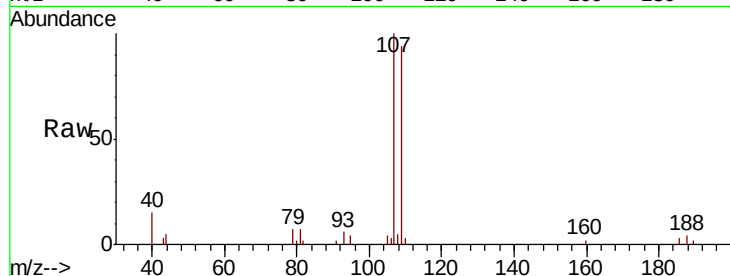
ClientSampleId :

Tot Ion:107 Resp: 18469

Ion Ratio Lower Upper

107 100

109 94.7 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 3.045 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056327.D

Acq: 17 Jun 2019 9:14

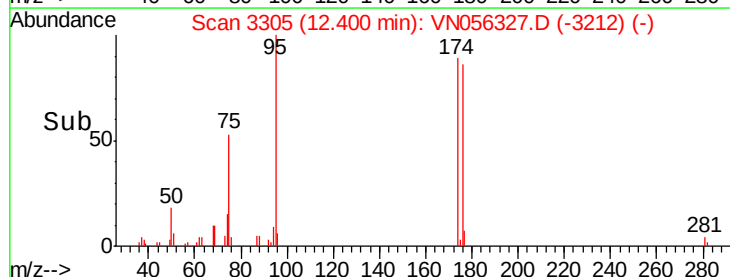
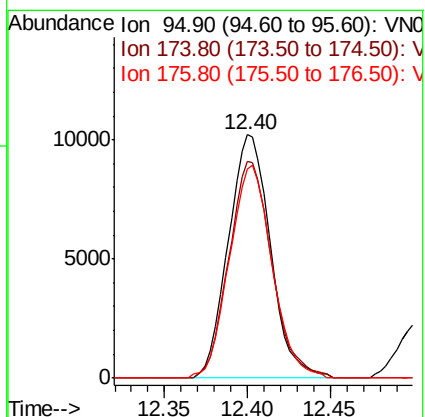
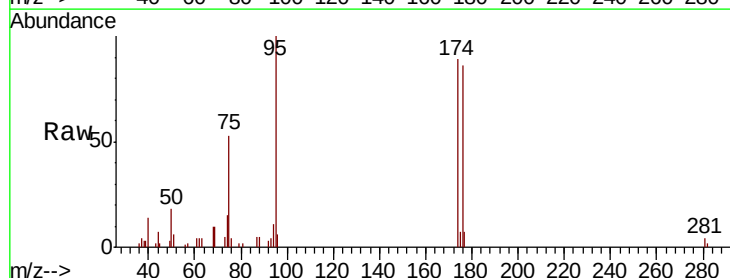
Tgt Ion: 95 Resp: 18004

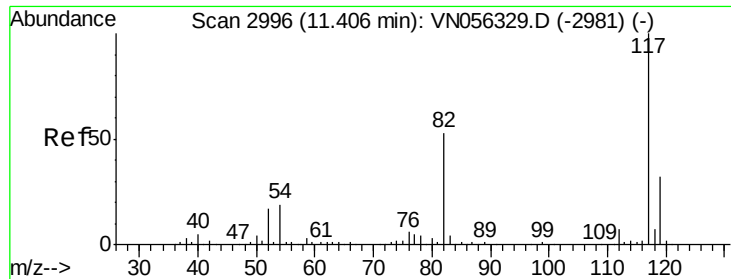
Ion Ratio Lower Upper

95 100

174 90.8 0.0 182.6

176 88.6 0.0 176.8

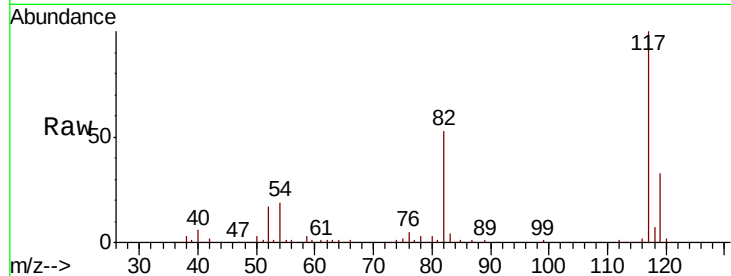




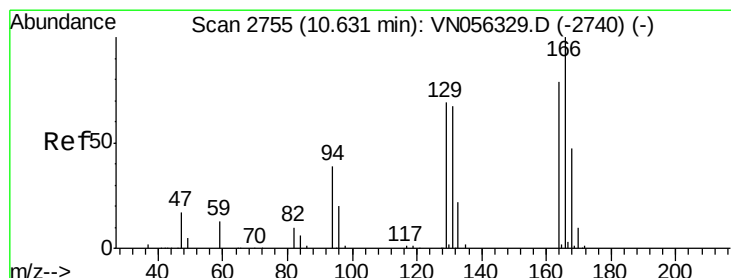
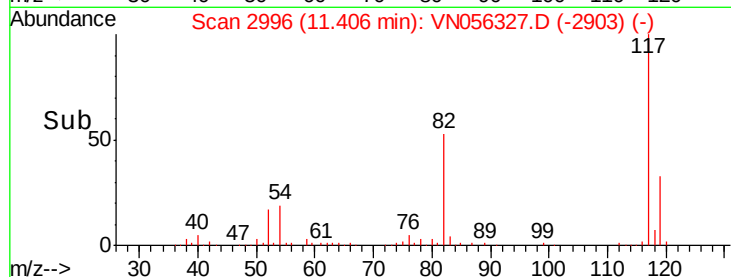
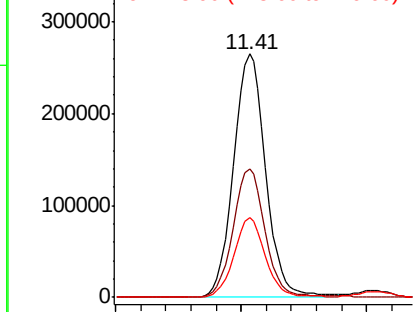
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 471896
Ion Ratio Lower Upper
117 100
82 53.0 42.4 63.6
119 32.8 26.0 39.0

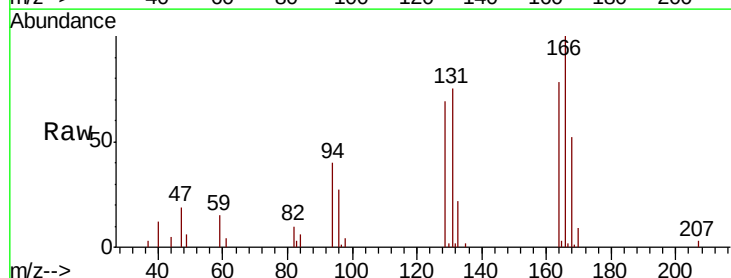


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

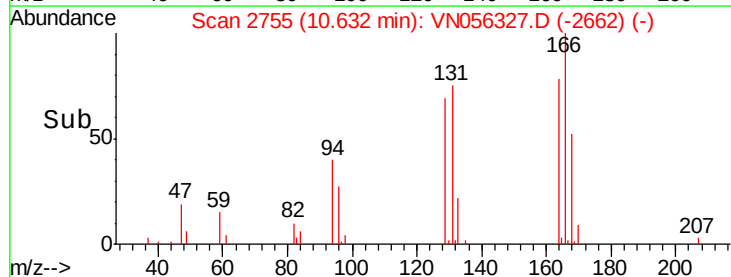
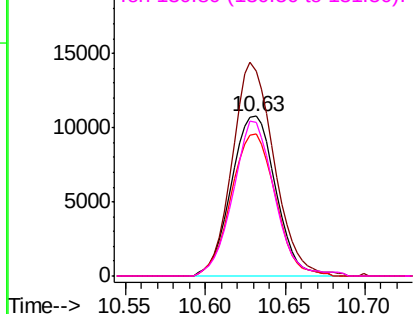


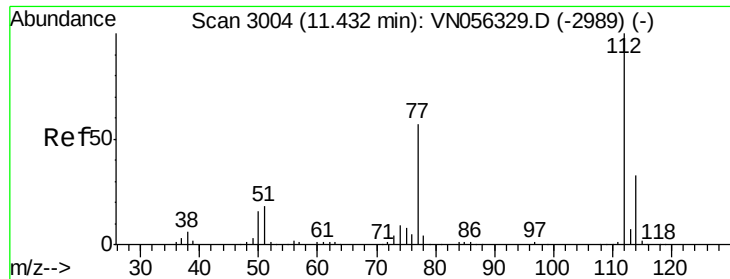
#64
Tetrachloroethene
Concen: 4.114 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

Tgt Ion:164 Resp: 20428
Ion Ratio Lower Upper
164 100
166 128.5 101.8 152.6
129 88.9 70.3 105.5
131 95.9 68.2 102.4



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

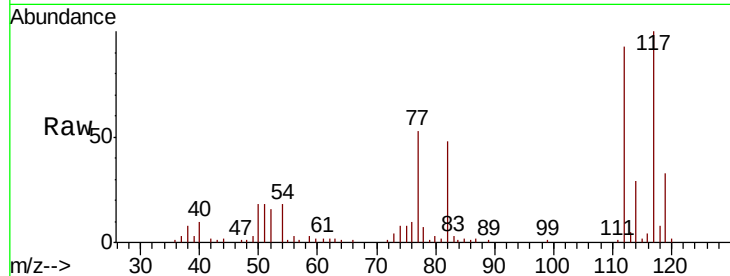




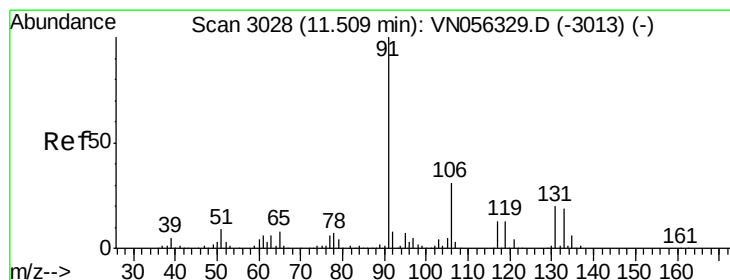
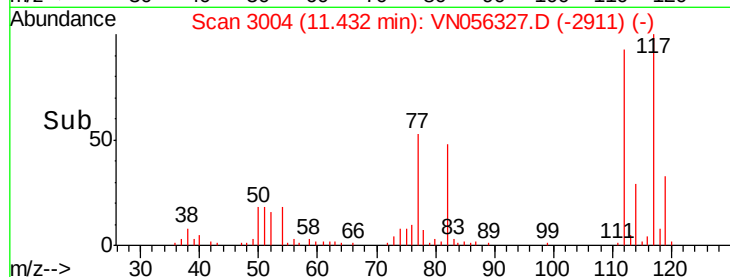
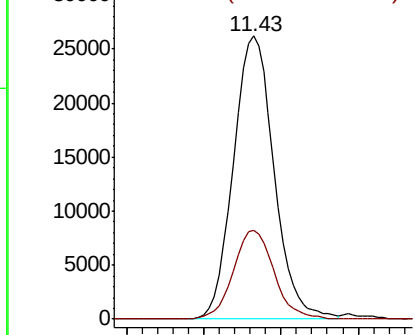
#65
Chlorobenzene
Concen: 4.027 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 47822
Ion Ratio Lower Upper
112 100
114 31.6 26.1 39.1

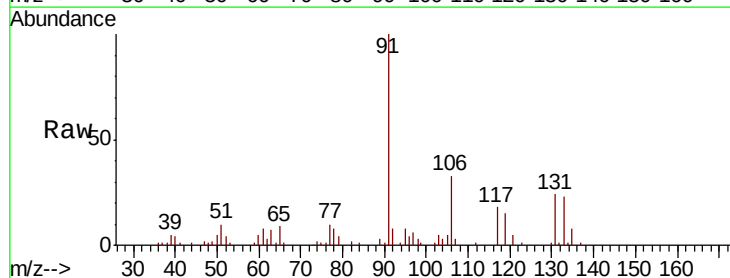


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

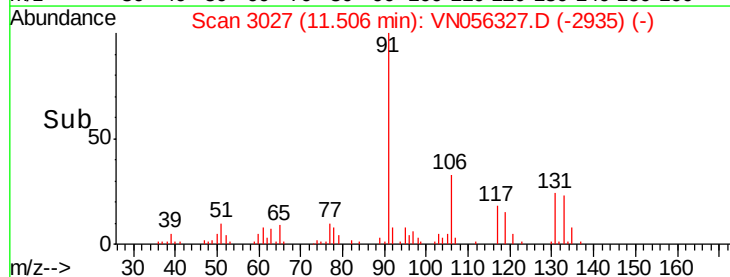
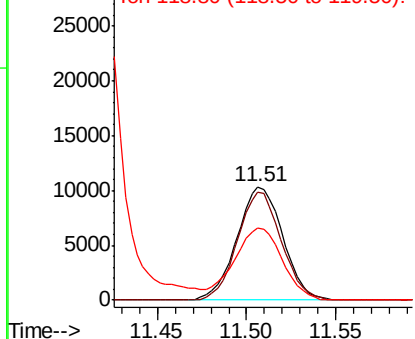


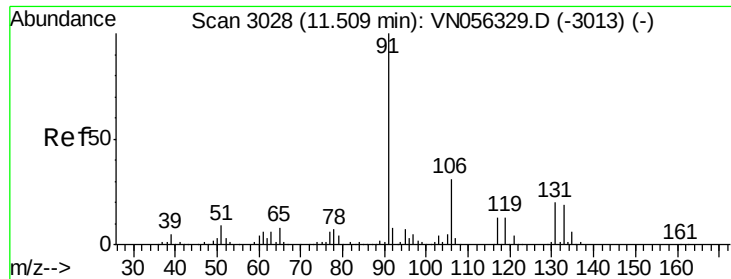
#66
1,1,1,2-Tetrachloroethane
Concen: 4.404 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

Tgt Ion:131 Resp: 18431
Ion Ratio Lower Upper
131 100
133 91.5 47.9 143.7
119 67.9 33.5 100.5



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

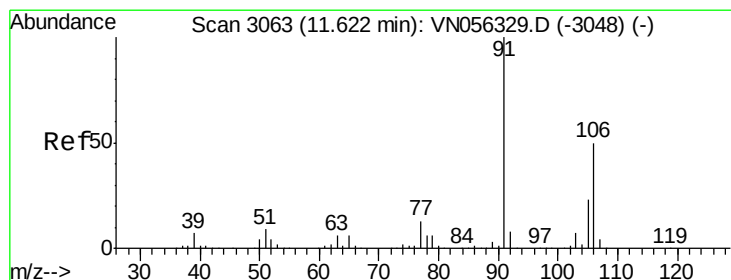
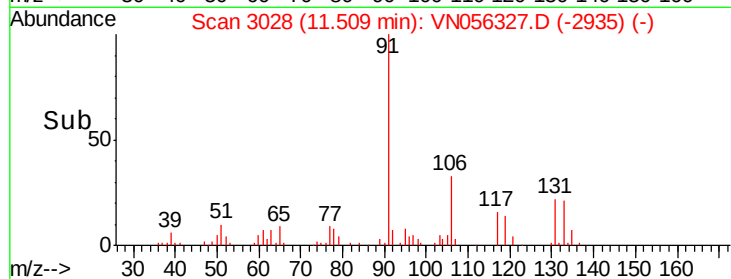
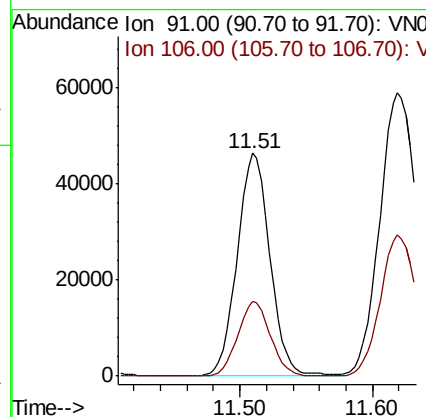
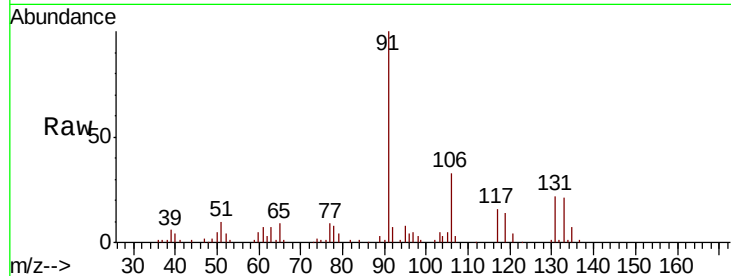




#67
Ethyl Benzene
Concen: 3.848 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

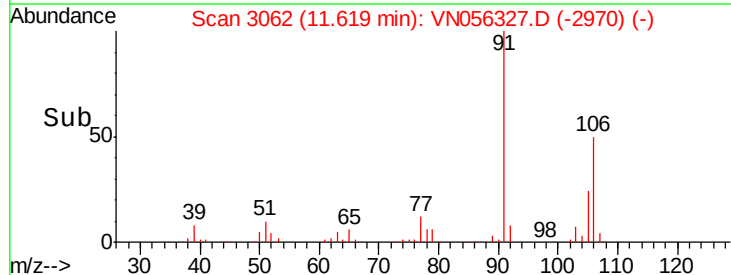
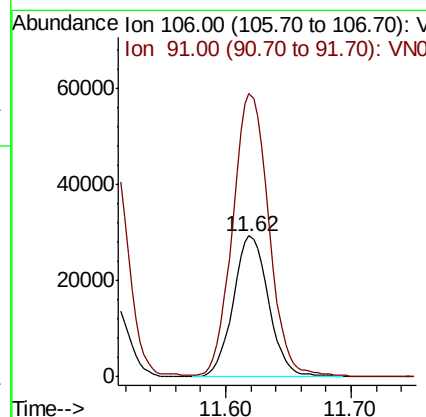
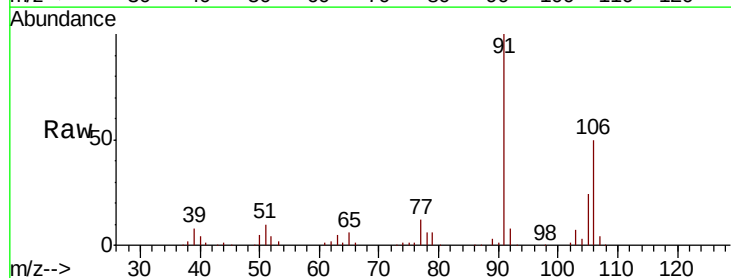
Instrument :
MSVOA_N
ClientSampled :

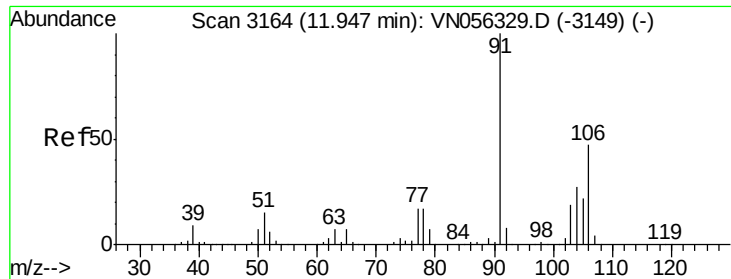
Tot Ion: 91 Resp: 79785
Ion Ratio Lower Upper
91 100
106 33.4 25.0 37.6



#68
m/p-Xylenes
Concen: 7.287 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

Tgt Ion: 106 Resp: 57552
Ion Ratio Lower Upper
106 100
91 206.2 160.7 241.1

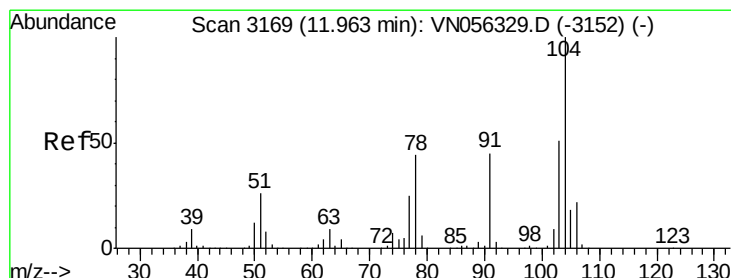
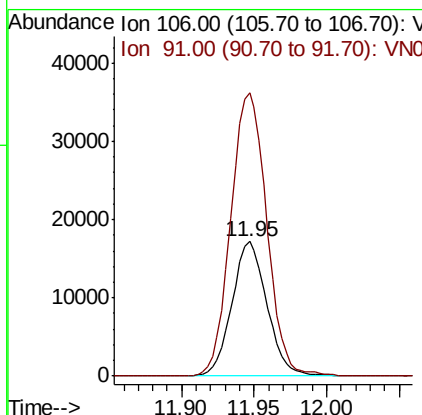
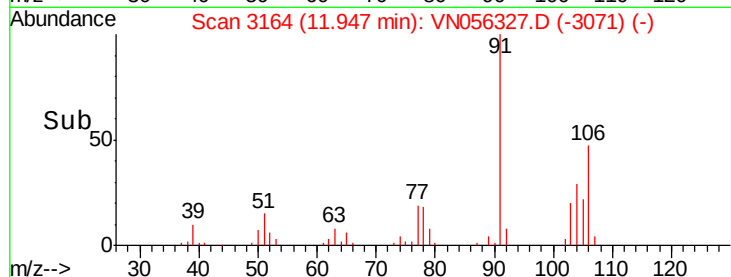
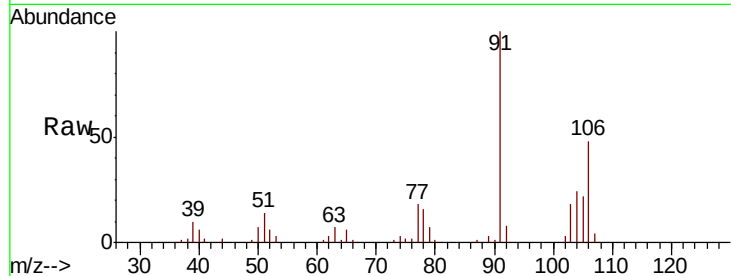




#69
o-Xylene
Concen: 3.729 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

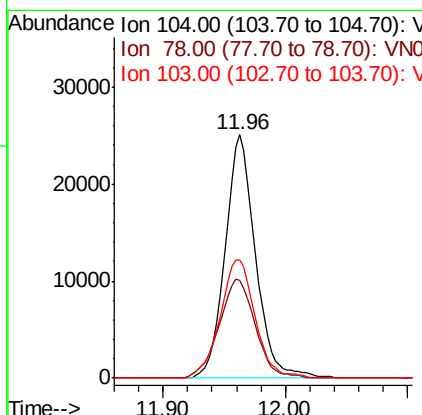
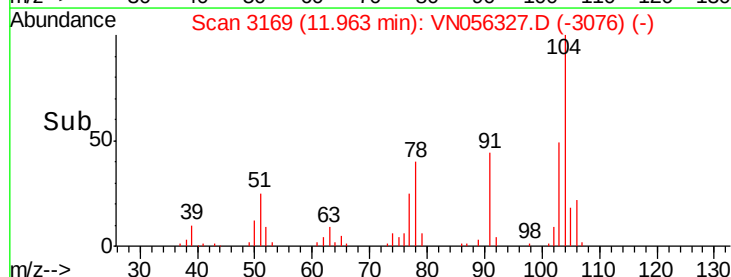
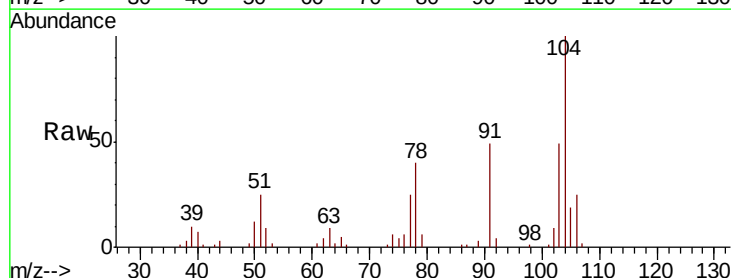
Instrument :
MSVOA_N
ClientSampleId :

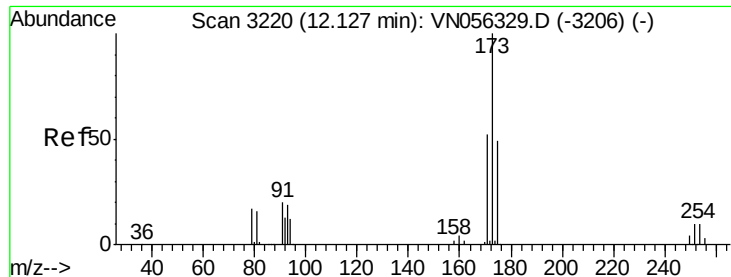
Tot Ion:106 Resp: 28879
Ion Ratio Lower Upper
106 100
91 215.8 105.6 316.7



#70
Styrene
Concen: 3.467 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

Tgt Ion:104 Resp: 43642
Ion Ratio Lower Upper
104 100
78 48.2 38.4 57.6
103 56.0 44.0 66.0





#71

Bromoform

Concen: 3.901 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN056327.D

Acq: 17 Jun 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

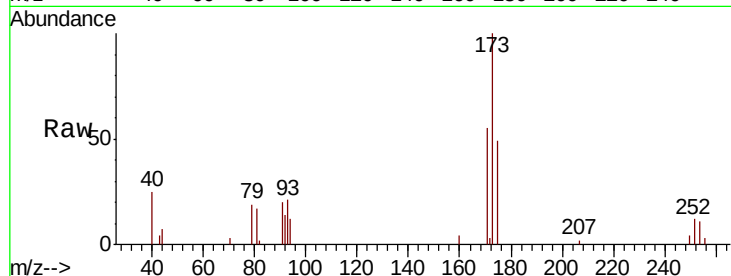
Tot Ion:173 Resp: 12636

Ion Ratio Lower Upper

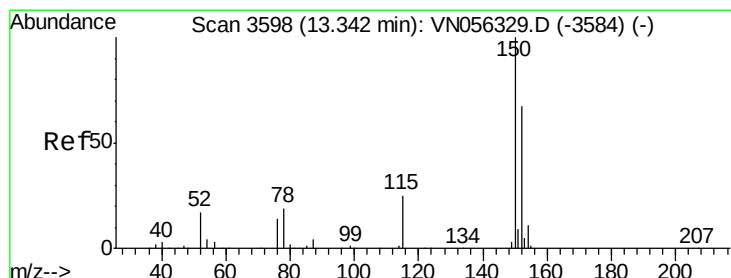
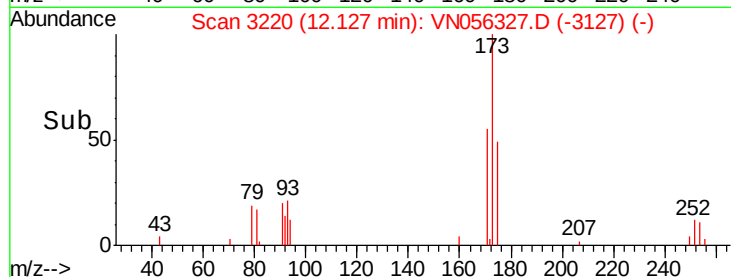
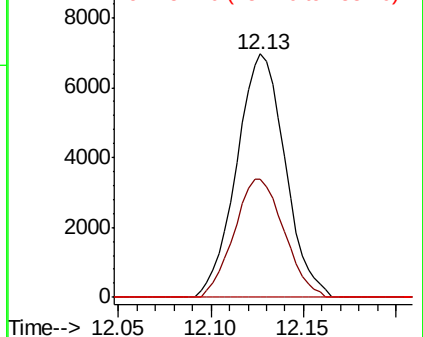
173 100

175 49.9 24.3 73.0

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: VN056327.D

Acq: 17 Jun 2019 9:14

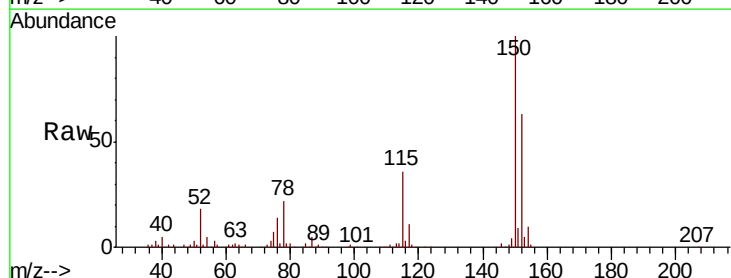
Tgt Ion:152 Resp: 144874

Ion Ratio Lower Upper

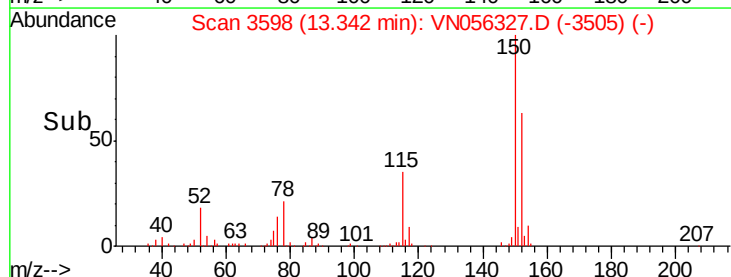
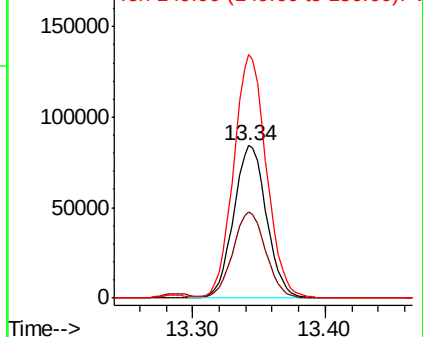
152 100

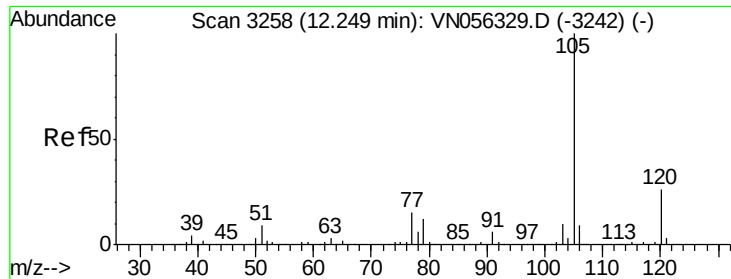
115 56.1 27.8 83.3

150 159.1 0.0 345.8



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: 5.216 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056327.D

Acq: 17 Jun 2019 9:14

Instrument :

MSVOA_N

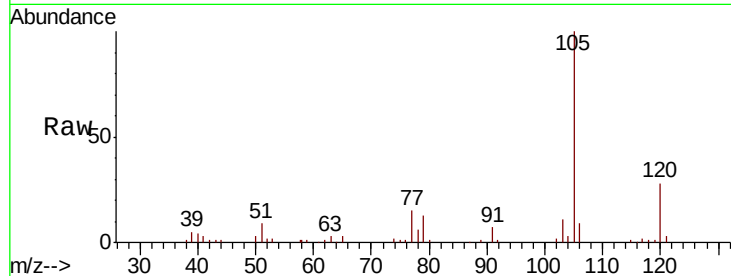
ClientSampleId :

Tot Ion:105 Resp: 76704

Ion Ratio Lower Upper

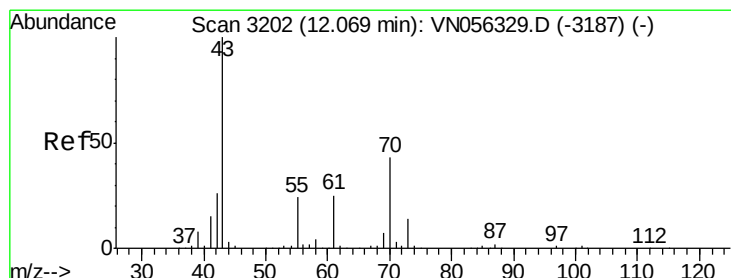
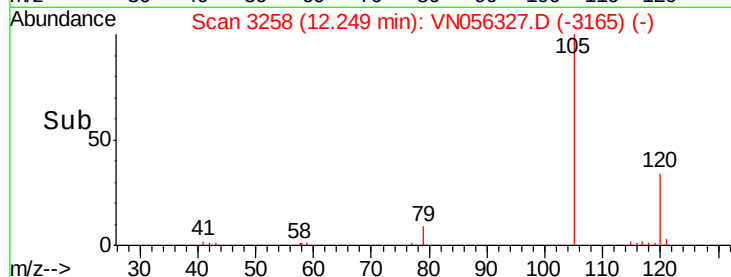
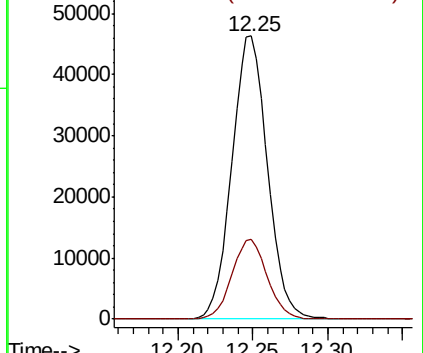
105 100

120 27.8 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.983 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056327.D

Acq: 17 Jun 2019 9:14

Tgt Ion: 43 Resp: 25348

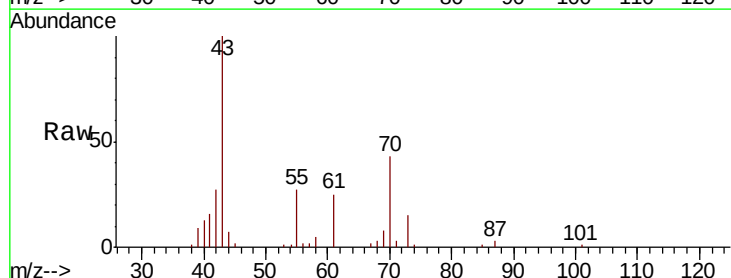
Ion Ratio Lower Upper

43 100

70 40.2 34.2 51.2

55 25.2 19.9 29.9

61 23.0 19.7 29.5

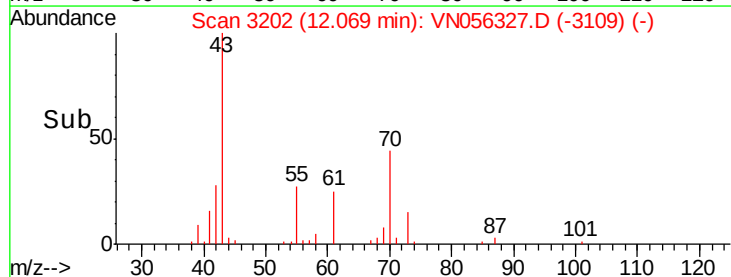
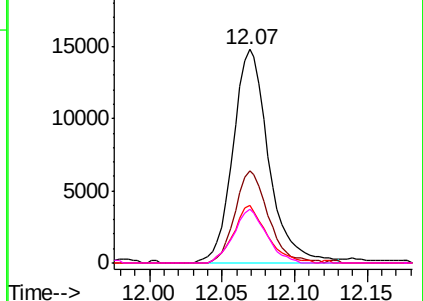


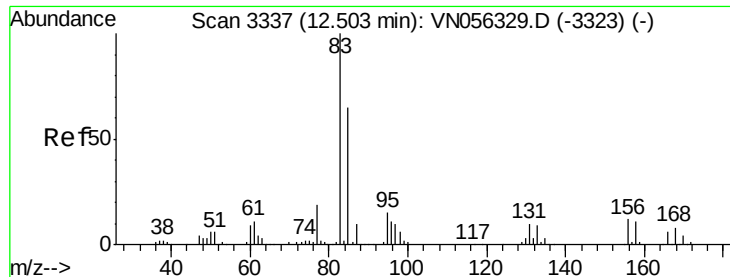
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 5.771 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056327.D

Acq: 17 Jun 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

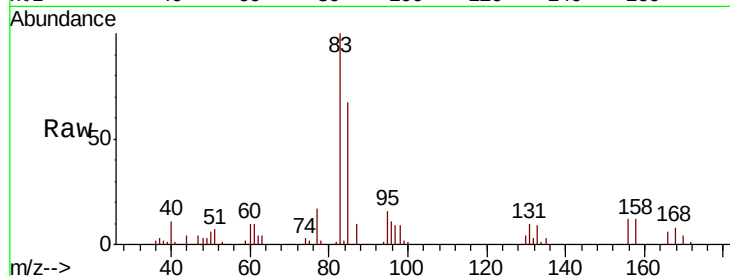
Tot Ion: 83 Resp: 25165

Ion Ratio Lower Upper

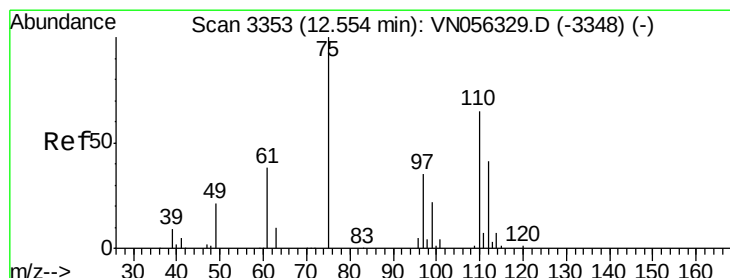
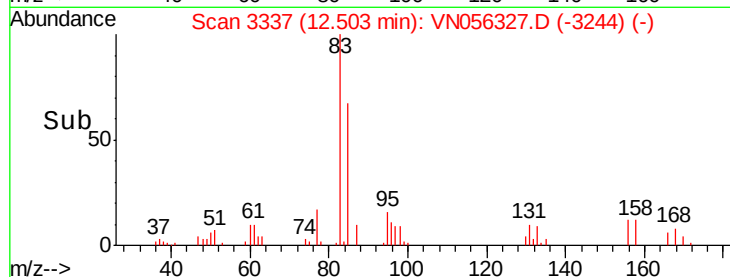
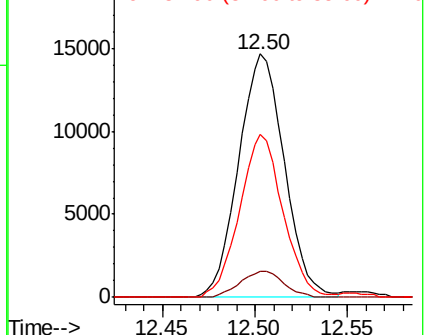
83 100

131 10.3 5.3 15.8

85 63.3 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 7.945 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056327.D

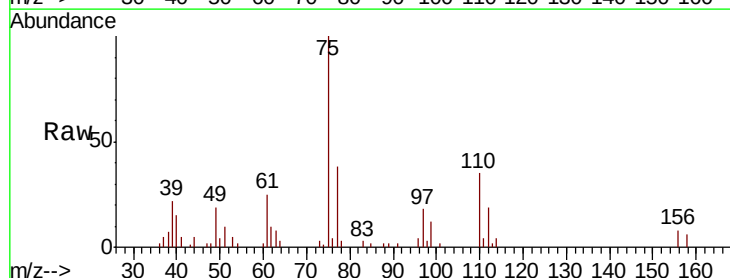
Acq: 17 Jun 2019 9:14

Tgt Ion: 75 Resp: 27772

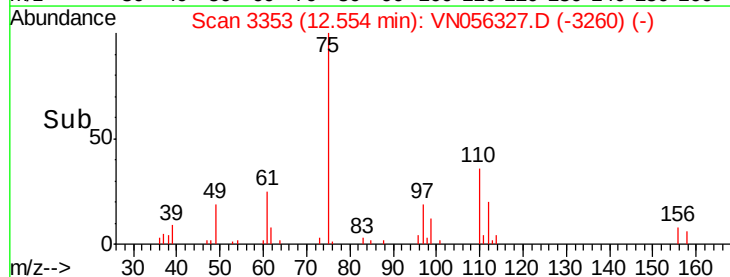
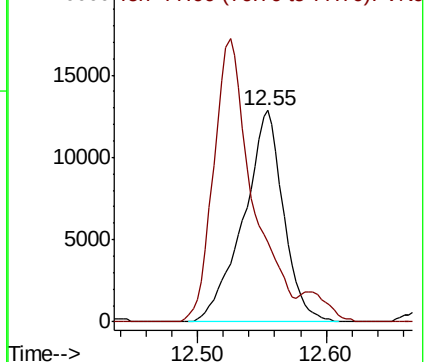
Ion Ratio Lower Upper

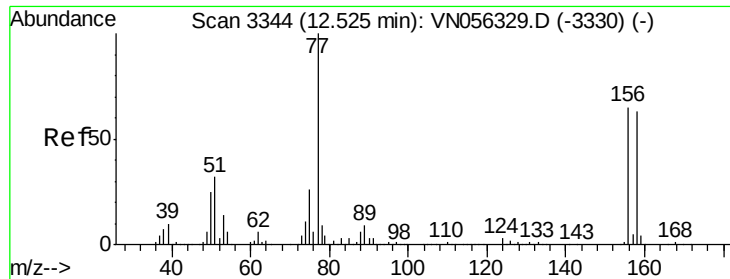
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 5.076 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056327.D

Acq: 17 Jun 2019 9:14

Instrument :

MSVOA_N

ClientSampled :

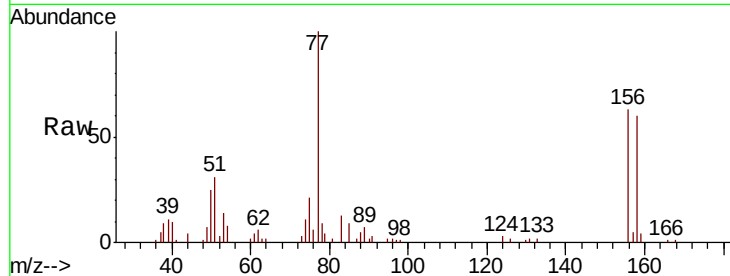
Tot Ion:156 Resp: 19695

Ion Ratio Lower Upper

156 100

77 183.6 92.9 278.7

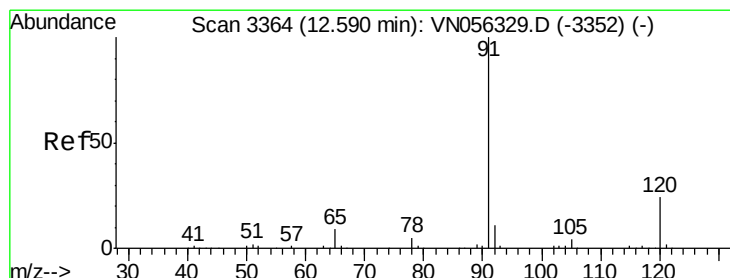
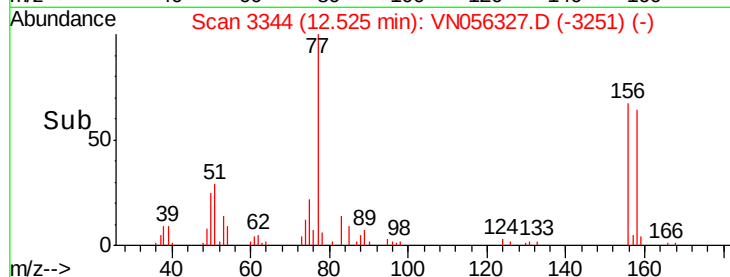
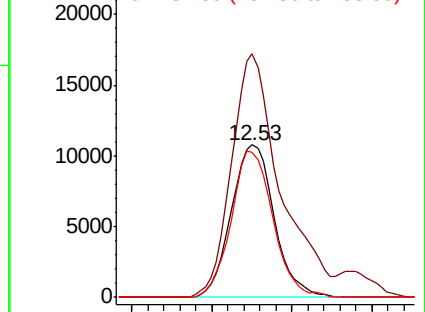
158 93.2 49.0 147.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.637 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056327.D

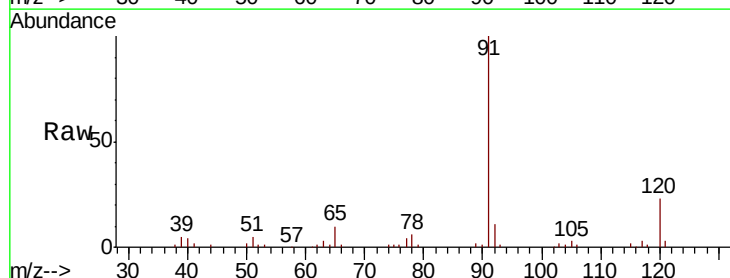
Acq: 17 Jun 2019 9:14

Tgt Ion: 91 Resp: 72838

Ion Ratio Lower Upper

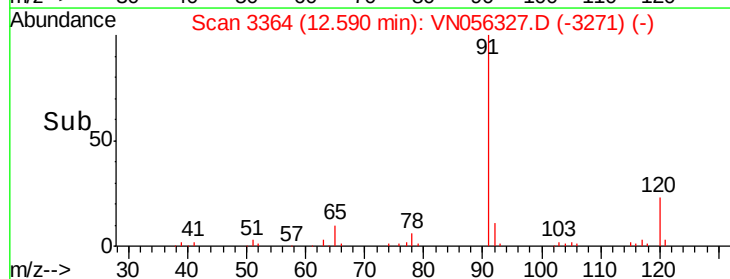
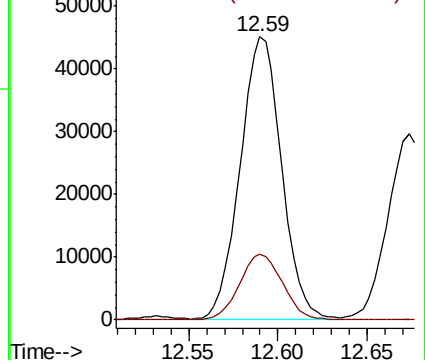
91 100

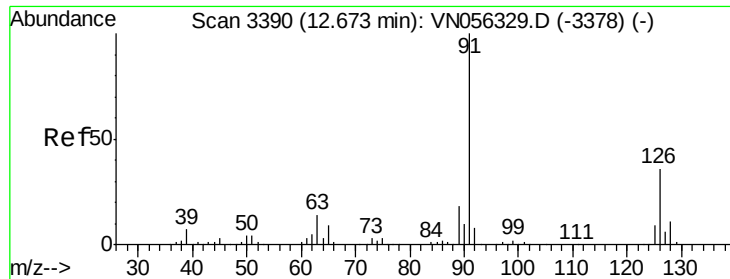
120 24.1 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.113 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056327.D

Acq: 17 Jun 2019 9:14

Instrument :

MSVOA_N

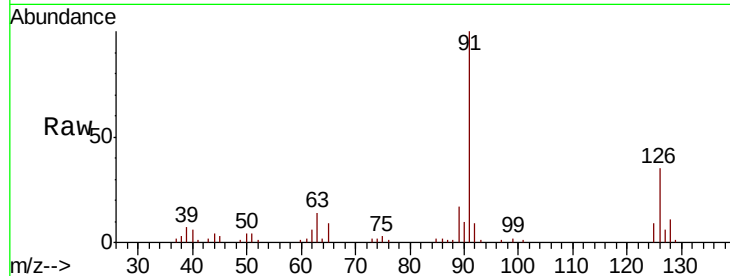
ClientSampleId :

Tot Ion: 91 Resp: 49695

Ion Ratio Lower Upper

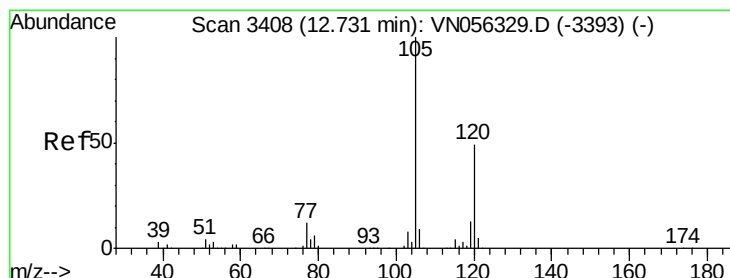
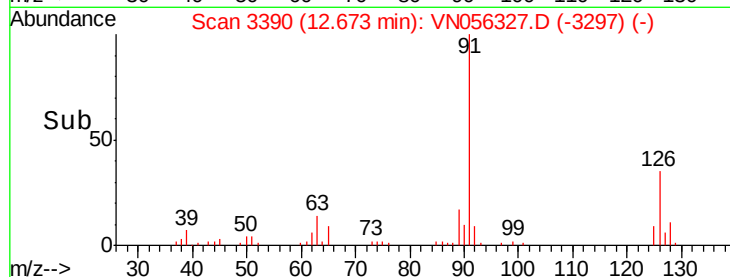
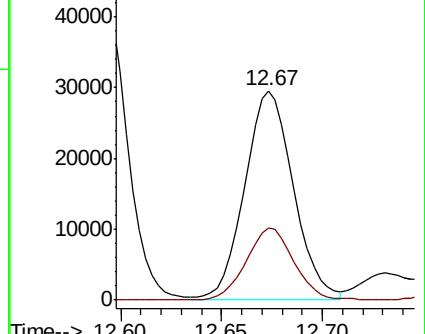
91 100

126 34.0 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VN056327.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN056327.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 4.907 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056327.D

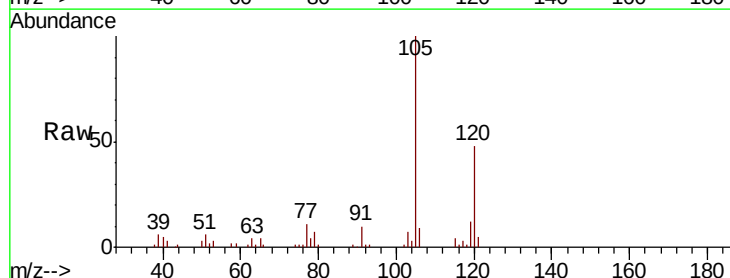
Acq: 17 Jun 2019 9:14

Tgt Ion: 105 Resp: 60069

Ion Ratio Lower Upper

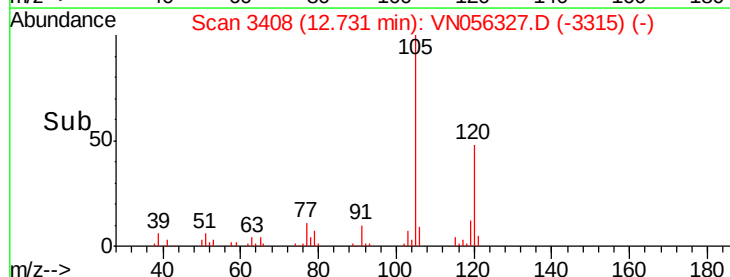
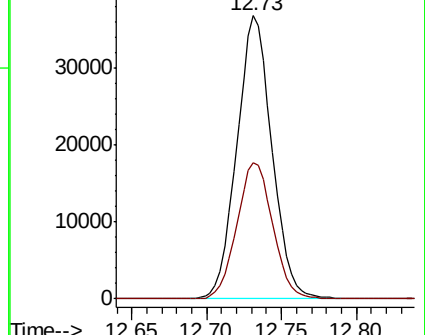
105 100

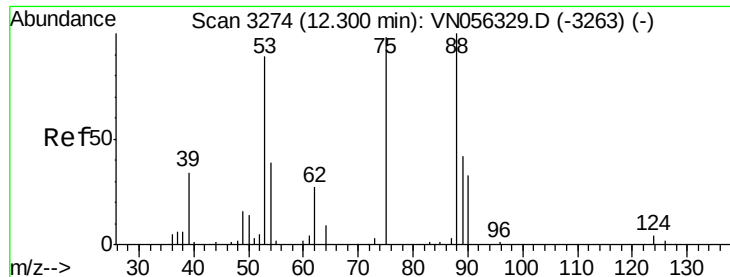
120 49.1 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VN056327.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN056327.D (-3393) (-)

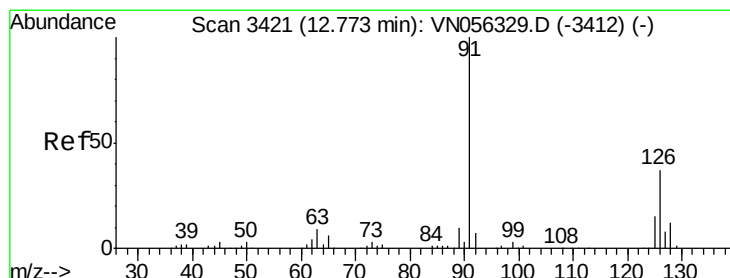
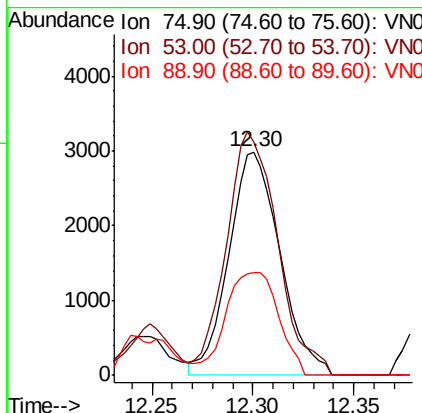
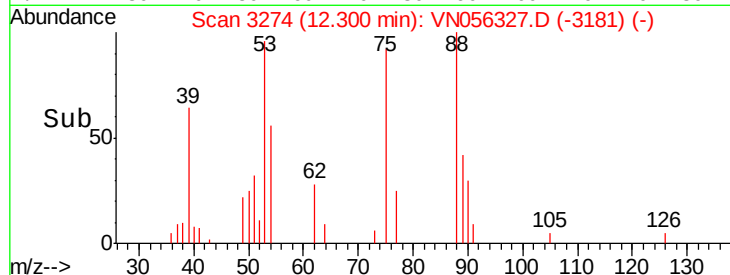
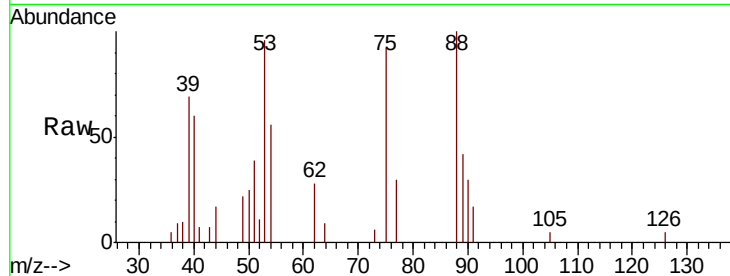




#81
trans-1,4-Dichloro-2-butene
Concen: 4.509 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

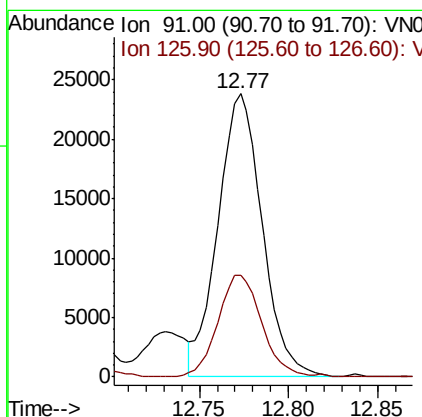
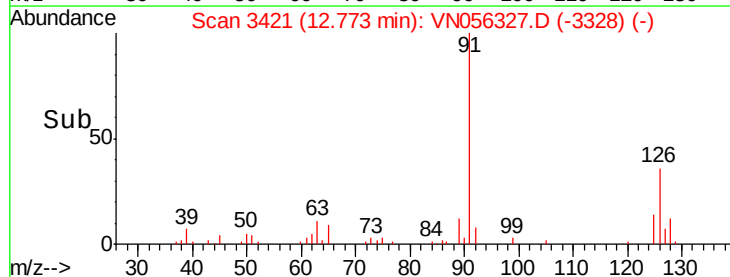
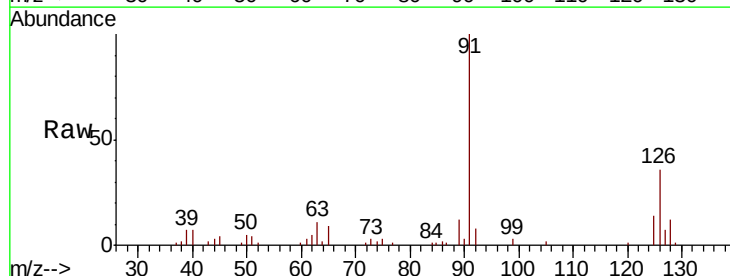
Instrument :
MSVOA_N
ClientSampleId :

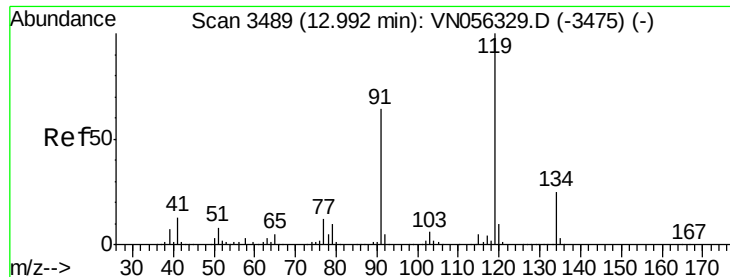
Tot Ion: 75 Resp: 5308
Ion Ratio Lower Upper
75 100
53 109.7 73.5 110.3
89 47.7 35.4 53.2



#82
4-Chlorotoluene
Concen: 4.460 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

Tgt Ion: 91 Resp: 41085
Ion Ratio Lower Upper
91 100
126 35.4 17.6 52.8

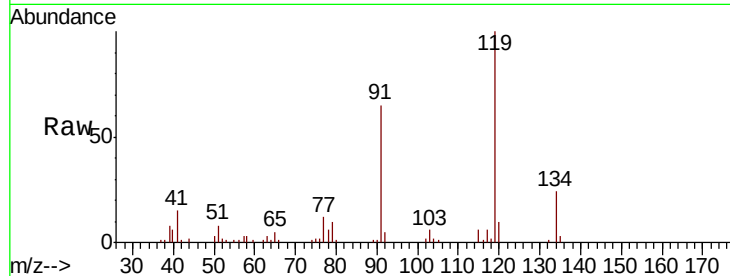




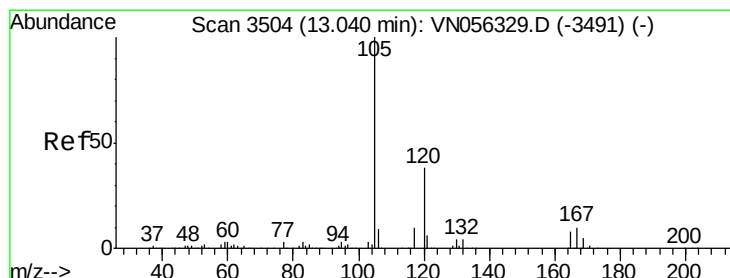
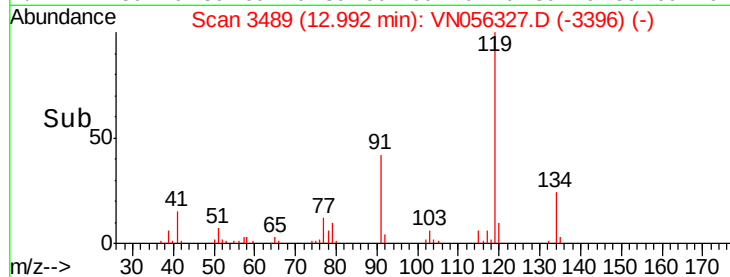
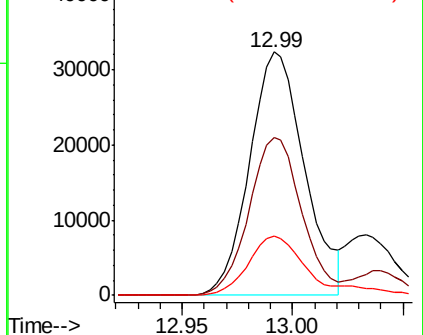
#83
tert-Butylbenzene
Concen: 5.220 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 55980
Ion Ratio Lower Upper
119 100
91 62.1 31.5 94.5
134 23.9 13.6 40.7

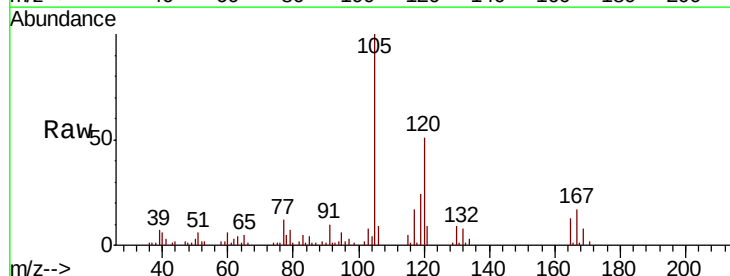


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

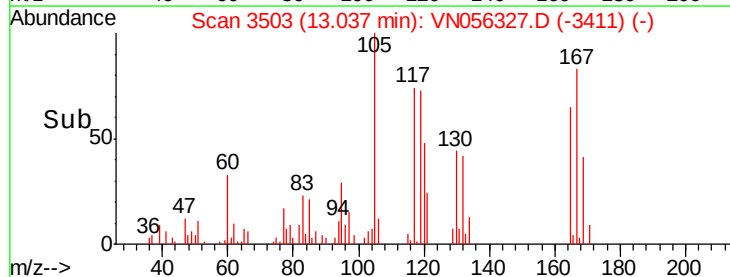
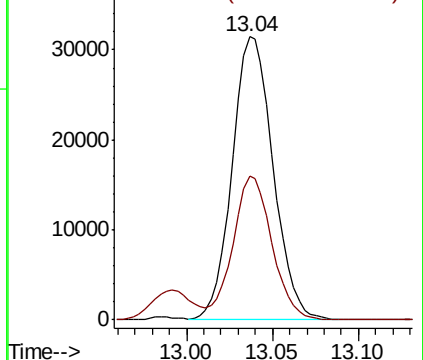


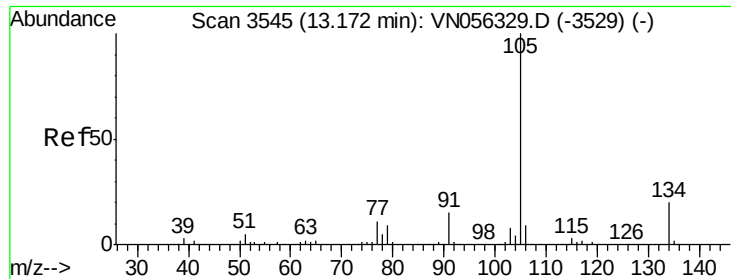
#84
1,2,4-Trimethylbenzene
Concen: 4.492 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN056327.D
Acq: 17 Jun 2019 9:14

Tgt Ion:105 Resp: 52253
Ion Ratio Lower Upper
105 100
120 48.2 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 4.787 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056327.D

Acq: 17 Jun 2019 9:14

Instrument :

MSVOA_N

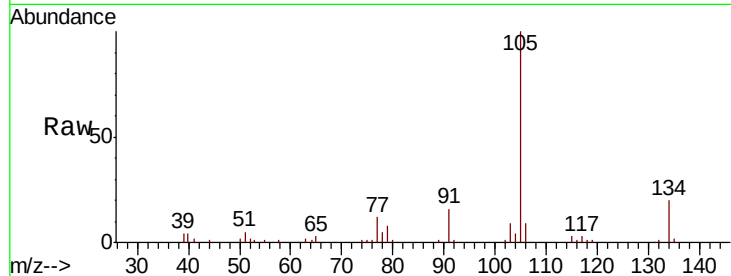
ClientSampleId :

Tot Ion:105 Resp: 65627

Ion Ratio Lower Upper

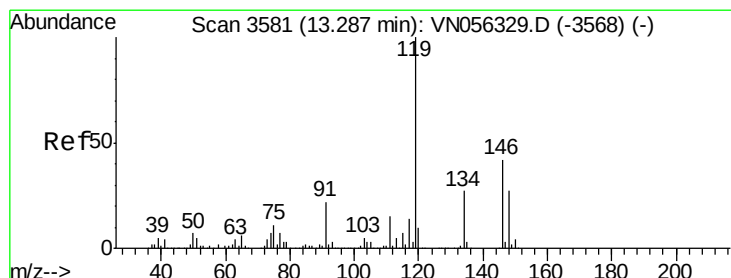
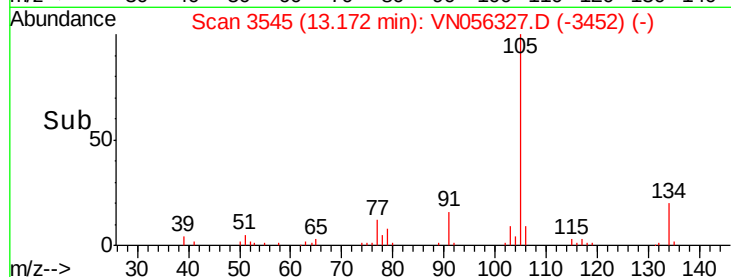
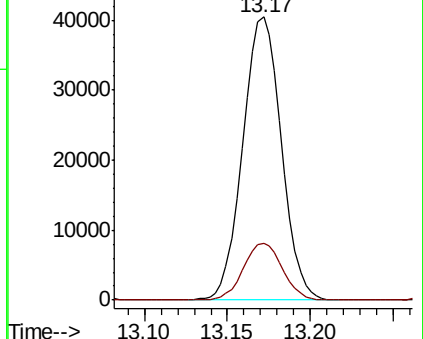
105 100

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: 4.318 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056327.D

Acq: 17 Jun 2019 9:14

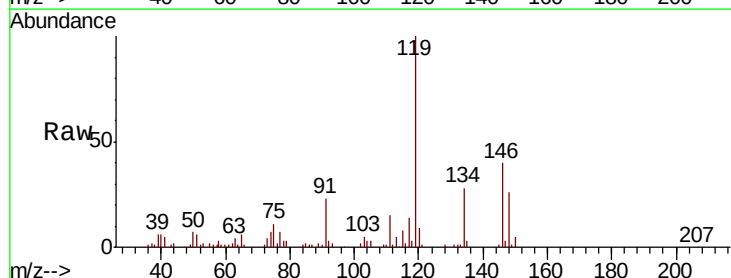
Tgt Ion:119 Resp: 52642

Ion Ratio Lower Upper

119 100

134 27.4 13.5 40.4

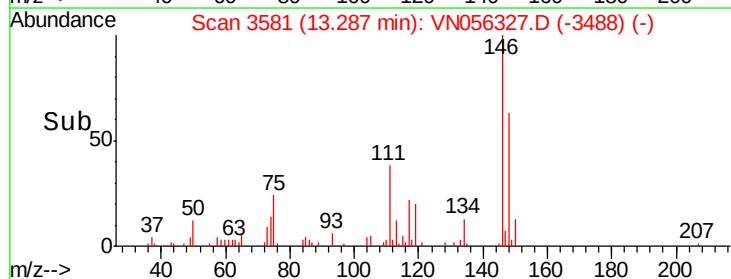
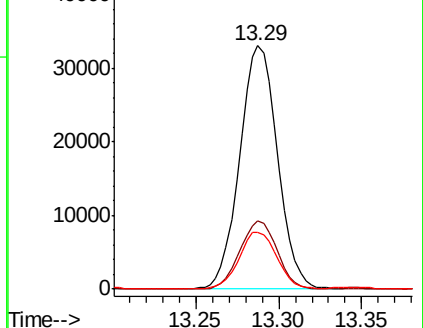
91 23.5 11.0 33.0

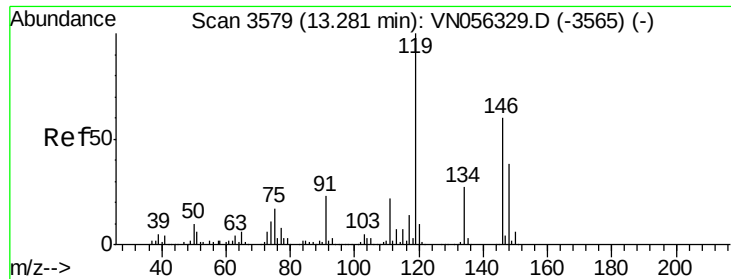


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

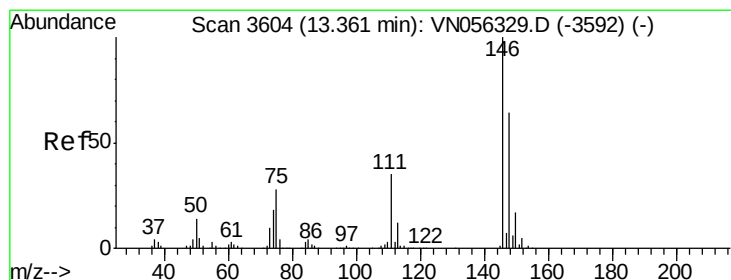
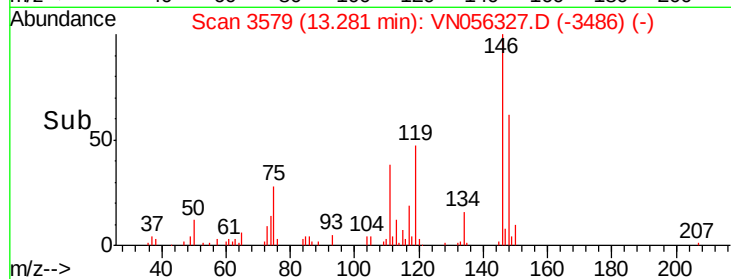
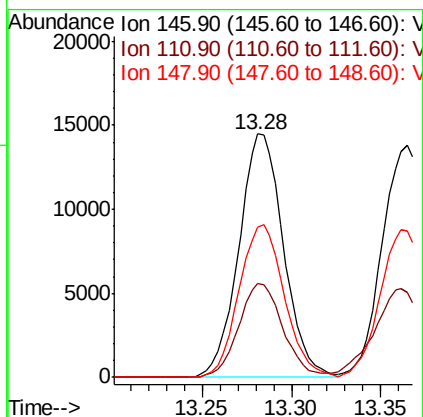
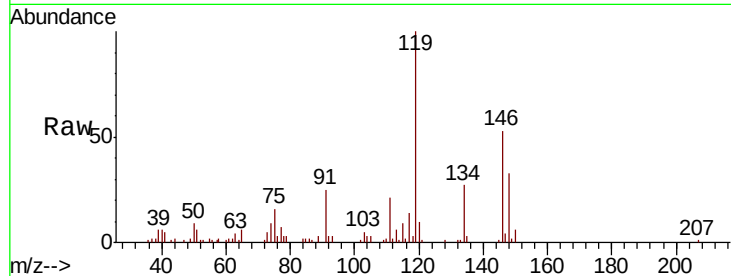




#87
 1,3-Dichlorobenzene
 Concen: 4.173 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056327.D
 Acq: 17 Jun 2019 9:14

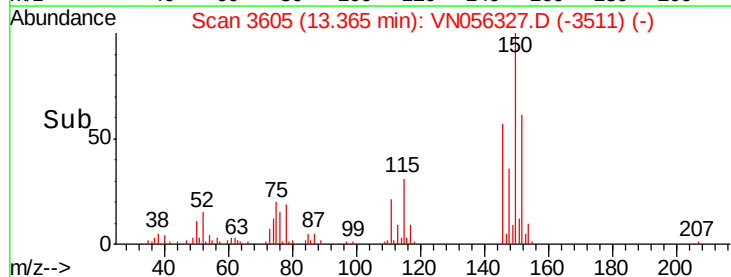
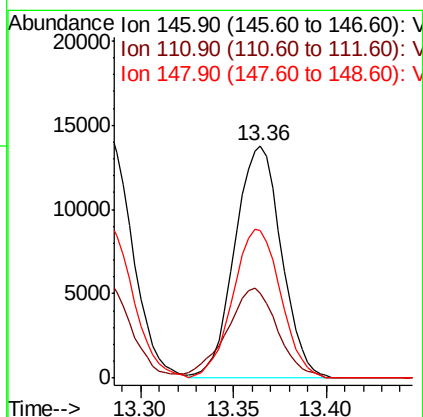
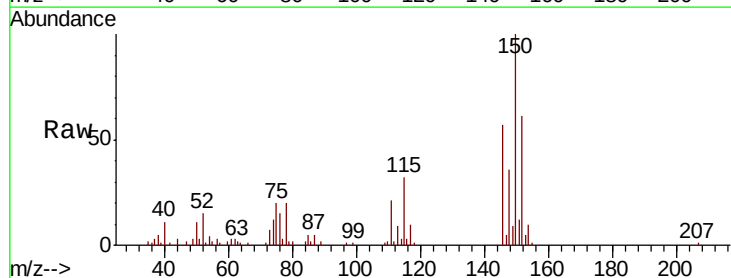
Instrument :
 MSVOA_N
 ClientSampleId :

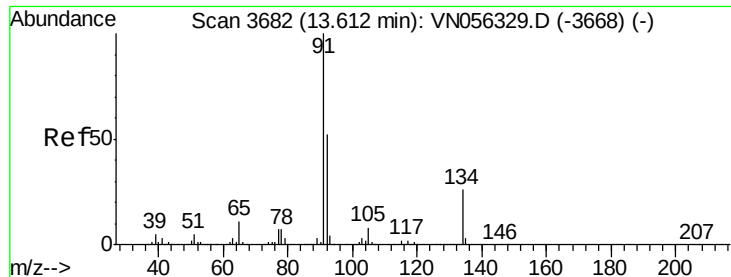
Tot Ion:146 Resp: 25284
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.9 56.7
 148 63.4 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 4.127 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN056327.D
 Acq: 17 Jun 2019 9:14

Tgt Ion:146 Resp: 24103
 Ion Ratio Lower Upper
 146 100
 111 42.5 18.1 54.1
 148 65.6 32.1 96.5





#89

n-Butylbenzene

Concen: 3.933 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN056327.D

Acq: 17 Jun 2019 9:14

Instrument :

MSVOA_N

ClientSampled :

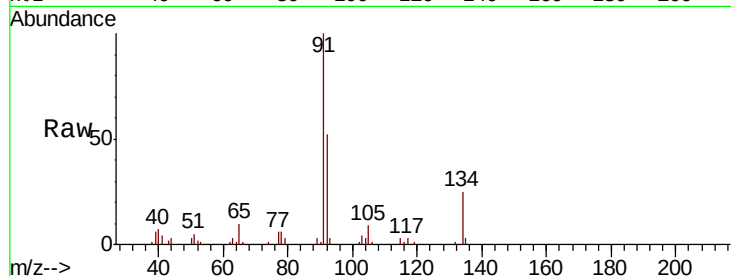
Tot Ion: 91 Resp: 36121

Ion Ratio Lower Upper

91 100

92 49.8 26.0 78.0

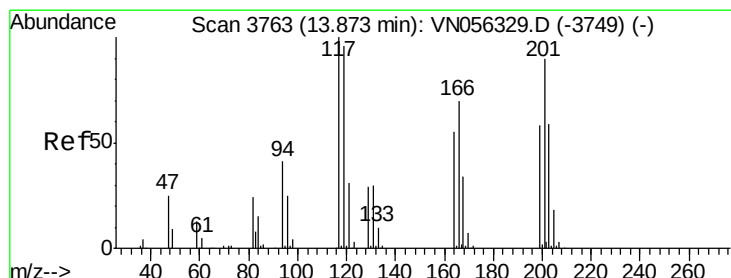
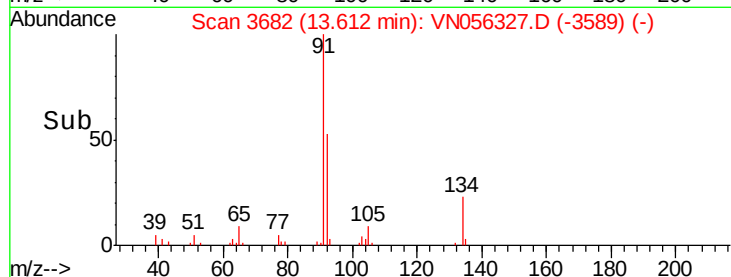
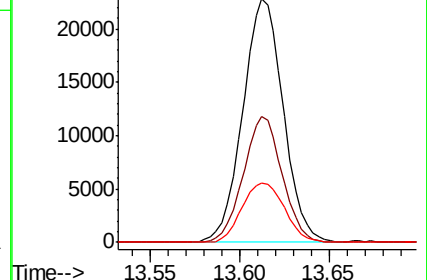
134 25.7 13.2 39.5



Abundance Ion 91.00 (90.70 to 91.70): VN056327.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN056327.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN056327.D (-3668) (-)



#90

Hexachloroethane

Concen: 5.784 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. -0.00 min

Lab File: VN056327.D

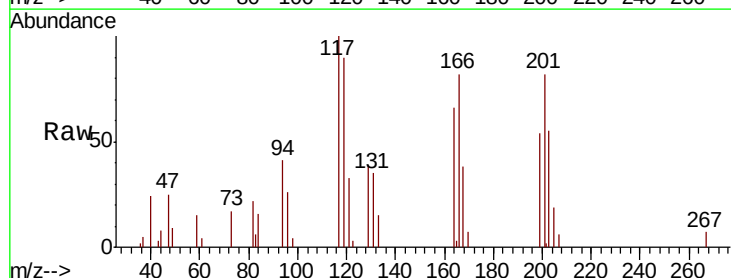
Acq: 17 Jun 2019 9:14

Tgt Ion: 117 Resp: 11516

Ion Ratio Lower Upper

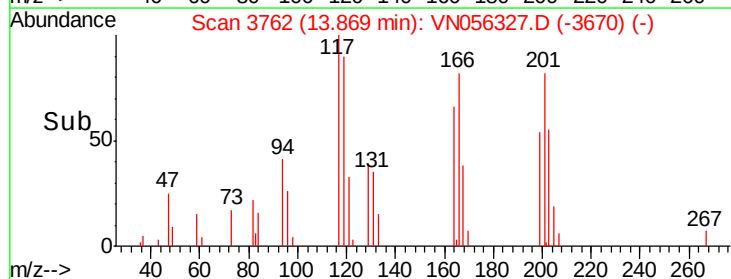
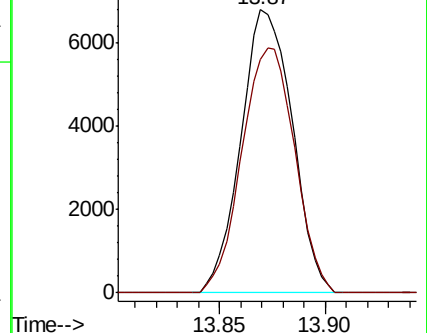
117 100

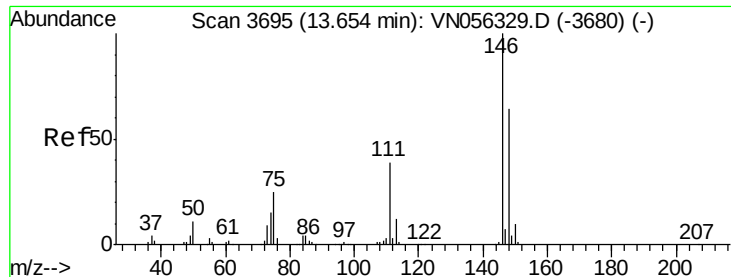
201 89.0 45.8 137.3



Abundance Ion 116.80 (116.50 to 117.50): VN056327.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN056327.D (-3749) (-)

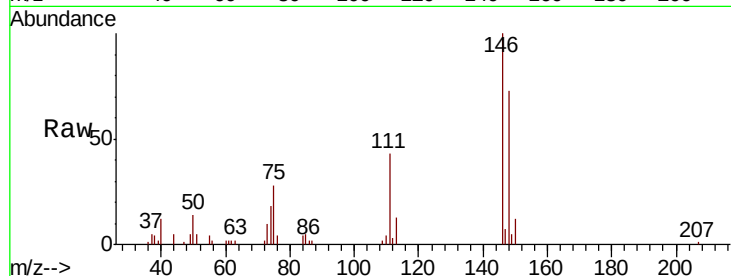




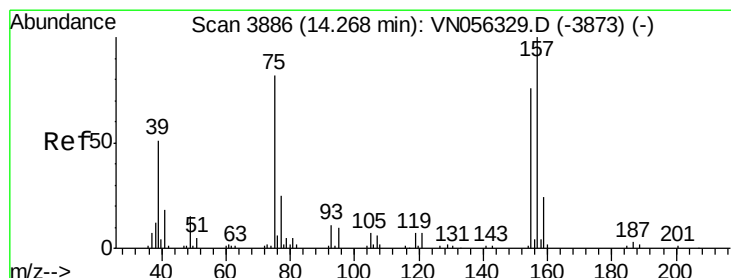
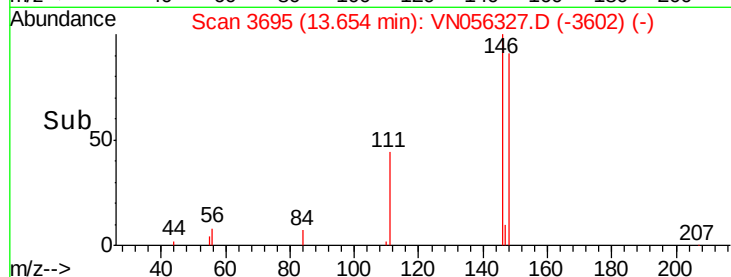
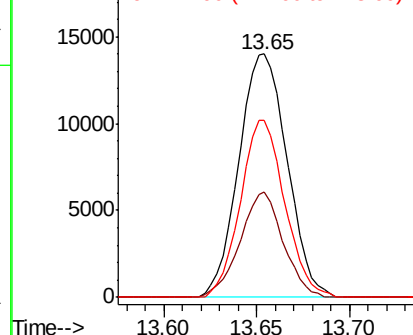
#91
 1,2-Dichlorobenzene
 Concen: 4.181 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN056327.D
 Acq: 17 Jun 2019 9:14

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.2
148	66.8	32.4	97.2

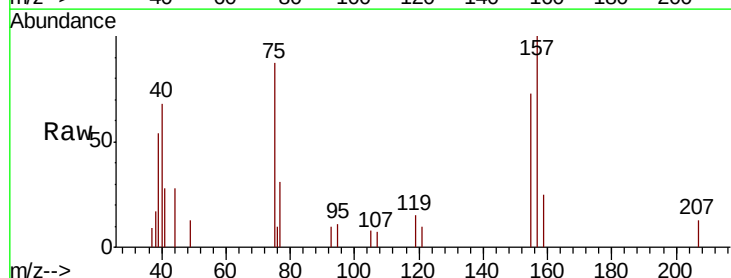


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

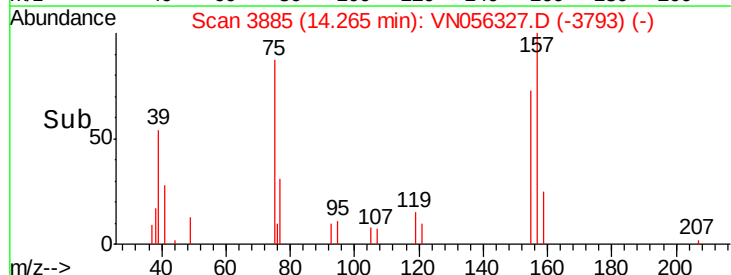
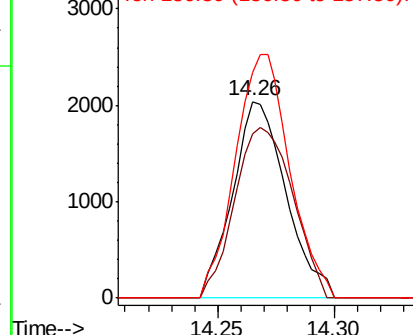


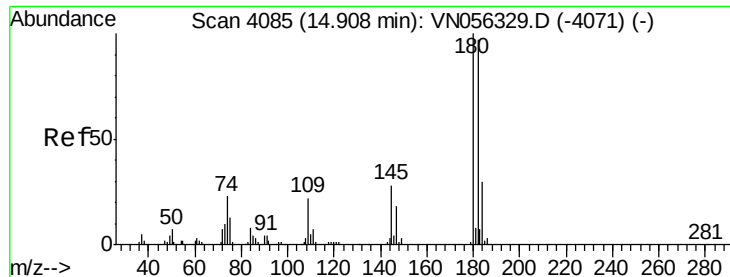
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.931 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VN056327.D
 Acq: 17 Jun 2019 9:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.0	47.8	143.4
157	126.5	62.8	188.5



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

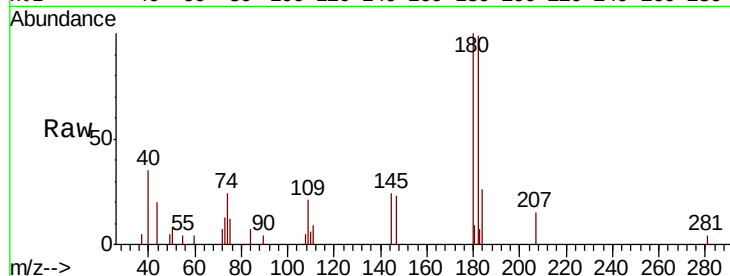




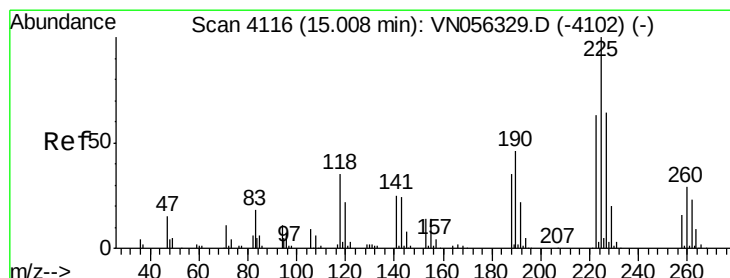
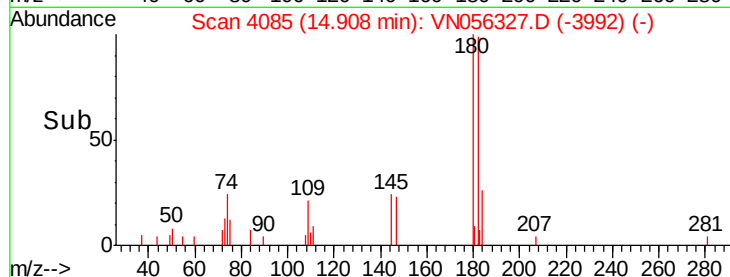
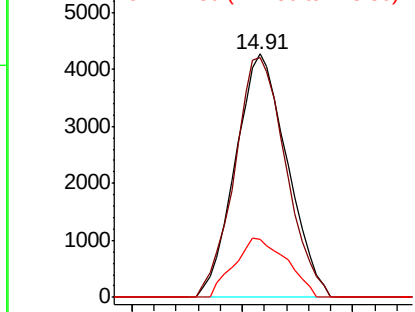
#93
 1,2,4-Trichlorobenzene
 Concen: 2.536 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056327.D
 Acq: 17 Jun 2019 9:14

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 6954
 Ion Ratio Lower Upper
 180 100
 182 97.8 47.4 142.3
 145 24.5 14.0 41.9

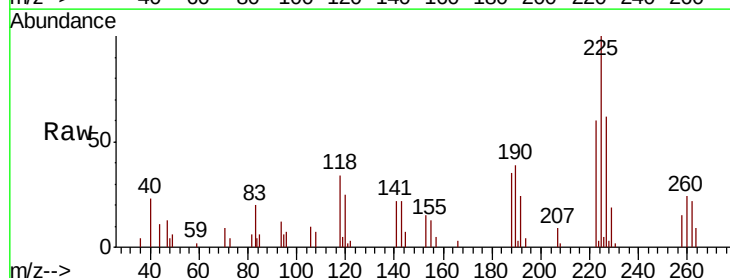


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

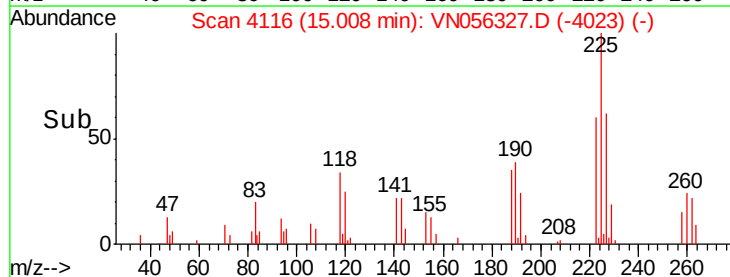
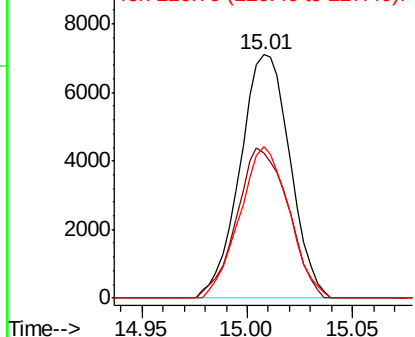


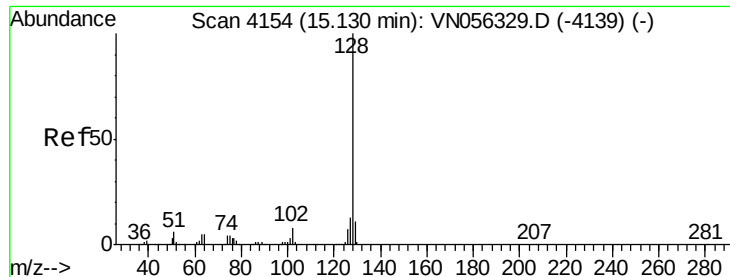
#94
 Hexachlorobutadiene
 Concen: 5.103 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056327.D
 Acq: 17 Jun 2019 9:14

Tgt Ion:225 Resp: 11705
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.2 93.6
 227 61.3 31.7 95.1



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: 2.709 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056327.D

Acq: 17 Jun 2019 9:14

Instrument :

MSVOA_N

ClientSampleId :

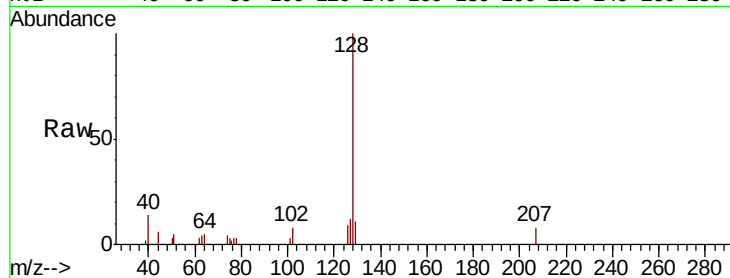
Tot Ion:128 Resp: 19578

Ion Ratio Lower Upper

128 100

127 11.8 10.6 15.8

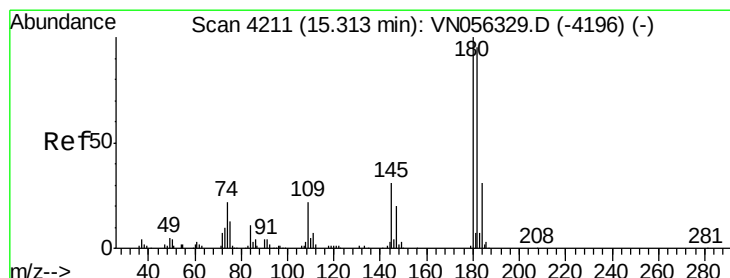
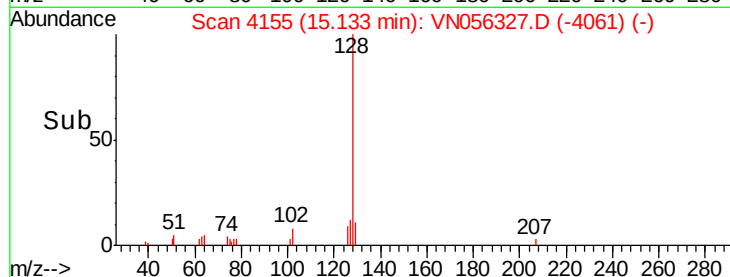
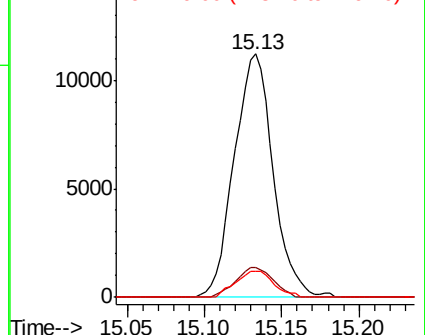
129 10.6 8.6 12.8



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: 2.811 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056327.D

Acq: 17 Jun 2019 9:14

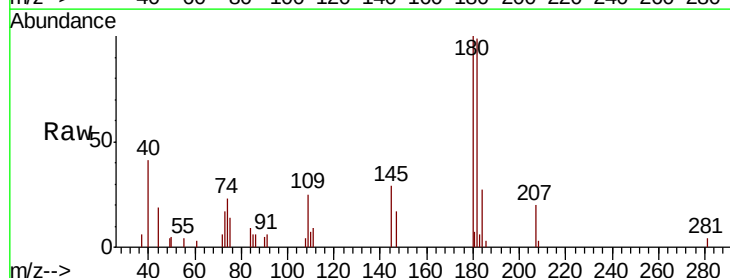
Tgt Ion:180 Resp: 8319

Ion Ratio Lower Upper

180 100

182 99.6 47.1 141.4

145 27.0 14.9 44.9



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

