

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062519\
 Data File : VN056475.D
 Acq On : 25 Jun 2019 10:49
 Operator : JC/SP
 Sample : VN0625WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Quant Time: Jun 26 03:39:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	364346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	569814	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	489956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	182252	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	203066	50.29	ug/l	0.00
Spiked Amount						
			Recovery	=	100.58%	
35) Dibromofluoromethane	7.59	113	178983	50.35	ug/l	0.00
Spiked Amount						
			Recovery	=	100.70%	
50) Toluene-d8	10.09	98	675349	48.83	ug/l	0.00
Spiked Amount						
			Recovery	=	97.66%	
62) 4-Bromofluorobenzene	12.40	95	215879	46.82	ug/l	0.00
Spiked Amount						
			Recovery	=	93.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	62928	20.397	ug/l	97
3) Chloromethane	2.06	50	79693	18.971	ug/l	99
4) Vinyl Chloride	2.18	62	79517	19.599	ug/l	98
5) Bromomethane	2.53	94	47026	19.771	ug/l	97
6) Chloroethane	2.68	64	46655	19.857	ug/l	99
7) Trichlorofluoromethane	3.00	101	102938	19.614	ug/l	95
8) Diethyl Ether	3.41	74	44362	19.973	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	67553	20.184	ug/l	99
10) Methyl Iodide	3.95	142	86449	19.111	ug/l	99
11) Tert butyl alcohol	4.80	59	82617	121.475	ug/l	97
12) 1,1-Dichloroethene	3.73	96	63859	19.841	ug/l	94
13) Acrolein	3.60	56	43419	75.747	ug/l	98
14) Allyl chloride	4.32	41	107904	20.140	ug/l	99
15) Acrylonitrile	4.99	53	193558	102.872	ug/l	99
16) Acetone	3.82	43	199258	98.490	ug/l	97
17) Carbon Disulfide	4.05	76	129498	17.690	ug/l	98
18) Methyl Acetate	4.33	43	87238	21.522	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	220981	20.749	ug/l	97
20) Methylene Chloride	4.55	84	77872	19.882	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	67593	19.479	ug/l	94
22) Diisopropyl ether	5.95	45	234051	20.801	ug/l	98
23) Vinyl Acetate	5.90	43	941691	106.108	ug/l	99
24) 1,1-Dichloroethane	5.85	63	131099	20.297	ug/l	99
25) 2-Butanone	6.84	43	272755	101.864	ug/l	100
26) 2,2-Dichloropropane	6.82	77	92929	20.686	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	83559	20.582	ug/l	99
28) Bromochloromethane	7.19	49	65711	20.568	ug/l	99
29) Tetrahydrofuran	7.22	42	172517	105.430	ug/l	100
30) Chloroform	7.37	83	133086	20.881	ug/l	97
31) Cyclohexane	7.65	56	120693	19.355	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	105687	20.920	ug/l	98
36) 1,1-Dichloropropene	7.79	75	92386	18.420	ug/l	98
37) Ethyl Acetate	6.93	43	104230	21.147	ug/l	99
38) Carbon Tetrachloride	7.77	117	85141	19.413	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	117553	18.995	ug/l	98
40) Benzene	8.04	78	300705	19.492	ug/l	97
41) Methacrylonitrile	7.17	41	40808	18.750	ug/l	92
42) 1,2-Dichloroethane	8.12	62	100817	19.802	ug/l	99
43) Isopropyl Acetate	8.17	43	154586	20.340	ug/l	99
44) Trichloroethene	8.83	130	81538	19.621	ug/l	98
45) 1,2-Dichloropropane	9.12	63	81991	19.873	ug/l	97
46) Dibromomethane	9.21	93	52920	20.501	ug/l	99
47) Bromodichloromethane	9.40	83	93397	20.401	ug/l	96
48) Methyl methacrylate	9.20	41	74045	19.442	ug/l	98
49) 1,4-Dioxane	9.20	88	33958	429.651	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	496561	101.228	ug/l	99
52) Toluene	10.16	92	185462	19.663	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	94714	19.627	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	113607	20.607	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	76839	20.267	ug/l	99
56) Ethyl methacrylate	10.43	69	110982	20.031	ug/l	99
57) 1,3-Dichloropropane	10.71	76	128253	20.137	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	173228	87.029	ug/l	99
59) 2-Hexanone	10.75	43	358700	99.492	ug/l	99
60) Dibromochloromethane	10.90	129	70631	19.643	ug/l	99
61) 1,2-Dibromoethane	11.00	107	78220	20.201	ug/l	99
64) Tetrachloroethene	10.63	164	76587	19.739	ug/l	99
65) Chlorobenzene	11.43	112	197931	20.105	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	71504	21.490	ug/l	98
67) Ethyl Benzene	11.51	91	343518	19.872	ug/l	100
68) m/p-Xylenes	11.62	106	255081	40.265	ug/l	100
69) o-Xylene	11.95	106	127225	20.299	ug/l	98
70) Styrene	11.96	104	202450	20.208	ug/l	99
71) Bromoform	12.13	173	48174	19.961	ug/l #	97
73) Isopropylbenzene	12.25	105	340796	23.470	ug/l	100
74) N-amyl acetate	12.07	43	124967	21.545	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	105079	23.144	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	120519	31.892	ug/l #	100
77) Bromobenzene	12.53	156	85111	20.885	ug/l	98
78) n-propylbenzene	12.59	91	350295	20.988	ug/l	98
79) 2-Chlorotoluene	12.67	91	218275	22.457	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	273775	22.632	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	23314	21.927	ug/l	99
82) 4-Chlorotoluene	12.77	91	201218	20.419	ug/l	100
83) tert-Butylbenzene	12.99	119	243128	22.826	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	256528	20.908	ug/l	100
85) sec-Butylbenzene	13.17	105	311623	21.243	ug/l	100
86) p-Isopropyltoluene	13.29	119	261941	20.807	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	125482	20.319	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	119753	20.022	ug/l	100
89) n-Butylbenzene	13.61	91	181127	19.005	ug/l	99
90) Hexachloroethane	13.87	117	41597	21.193	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	126571	20.657	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	14008	20.772	ug/l	99

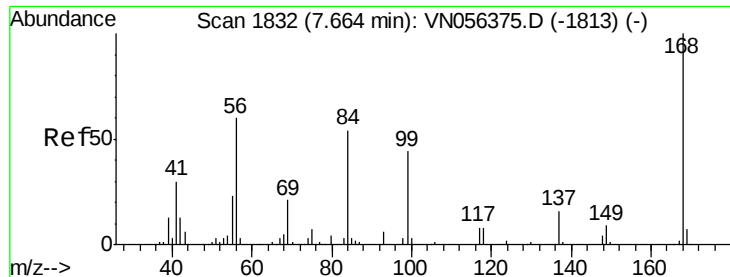
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062519\
Data File : VN056475.D
Acq On : 25 Jun 2019 10:49
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Sample : VN0625WBSD01
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	41383	17.127	ug/l	99
94) Hexachlorobutadiene	15.01	225	48381	22.258	ug/l	99
95) Naphthalene	15.13	128	119071	18.025	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	50805	18.471	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056475.D

Acq: 25 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

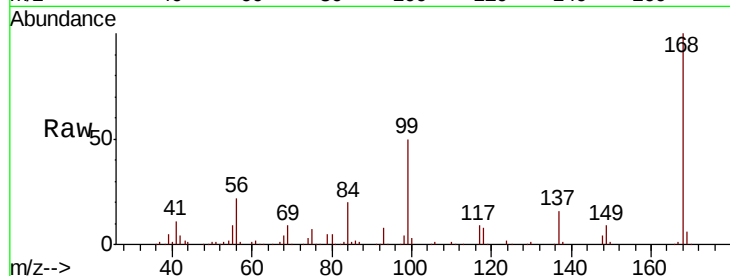
VN0625WBSD01

Tot Ion:168 Resp: 364346

Ion Ratio Lower Upper

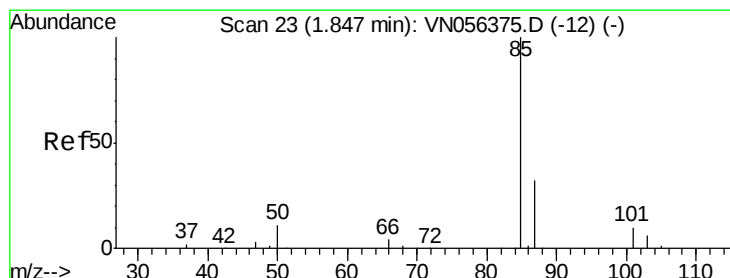
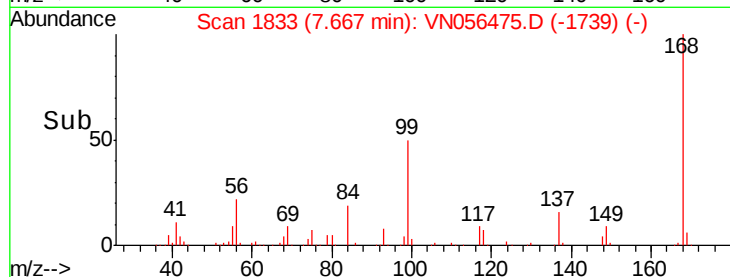
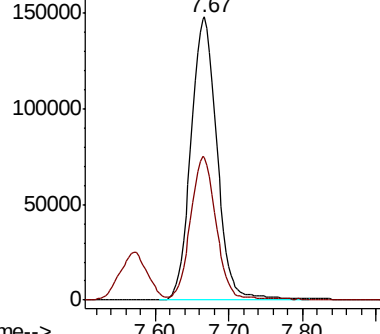
168 100

99 50.1 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 20.397 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056475.D

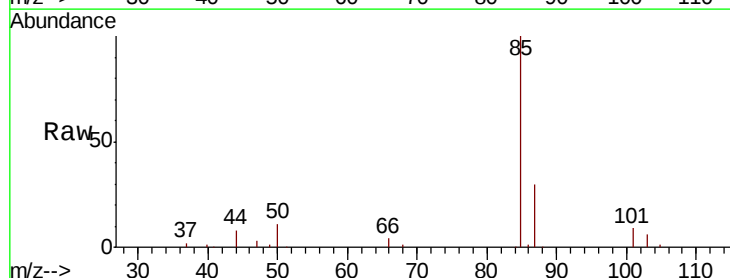
Acq: 25 Jun 2019 10:49

Tgt Ion: 85 Resp: 62928

Ion Ratio Lower Upper

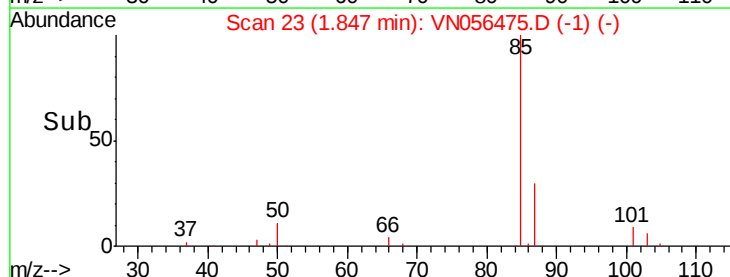
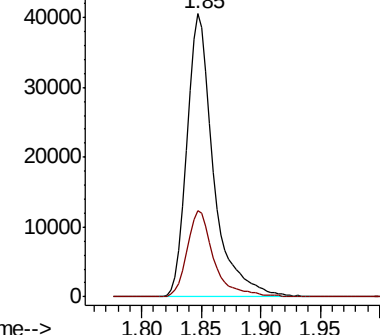
85 100

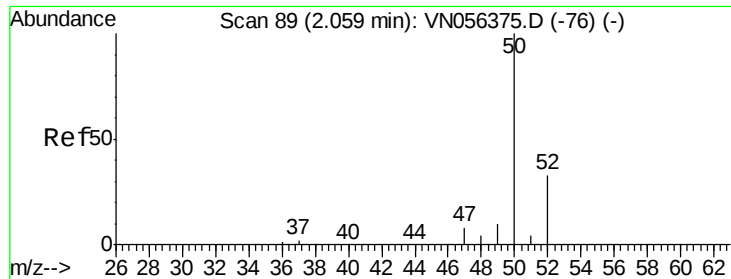
87 30.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 18.971 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056475.D

Acq: 25 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

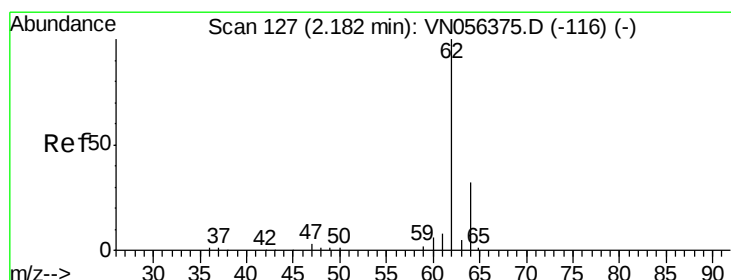
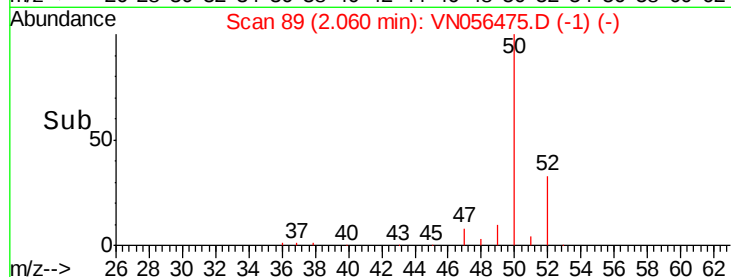
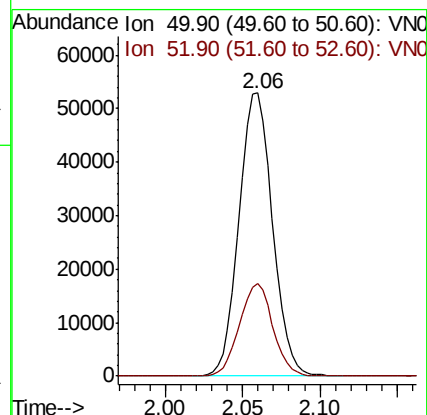
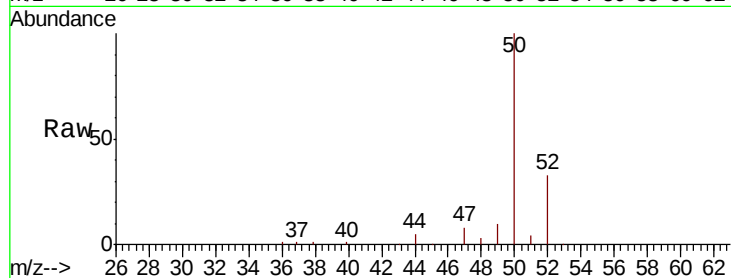
VN0625WBSD01

Tot Ion: 50 Resp: 79693

Ion Ratio Lower Upper

50 100

52 32.7 26.5 39.7



#4

Vinyl Chloride

Concen: 19.599 ug/l

RT: 2.18 min Scan# 127

Delta R.T. 0.00 min

Lab File: VN056475.D

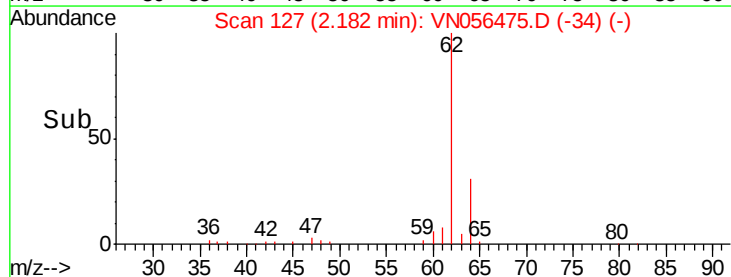
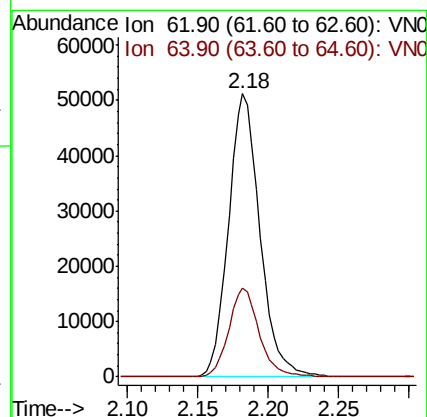
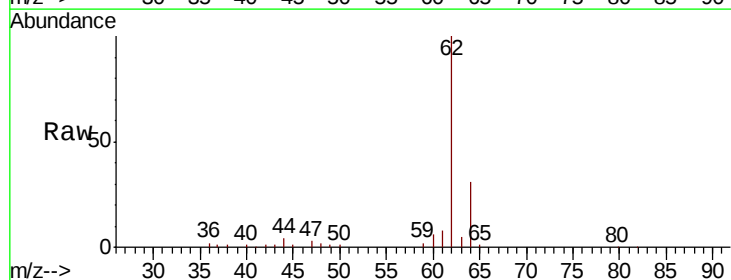
Acq: 25 Jun 2019 10:49

Tgt Ion: 62 Resp: 79517

Ion Ratio Lower Upper

62 100

64 31.3 25.7 38.5

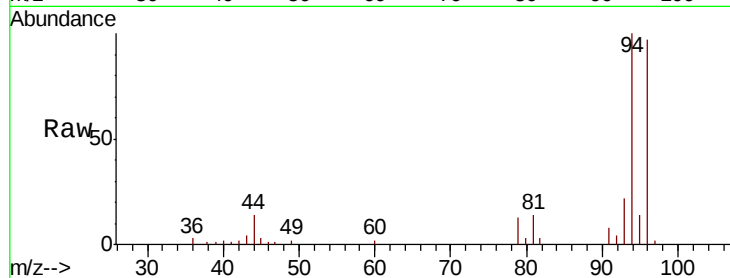




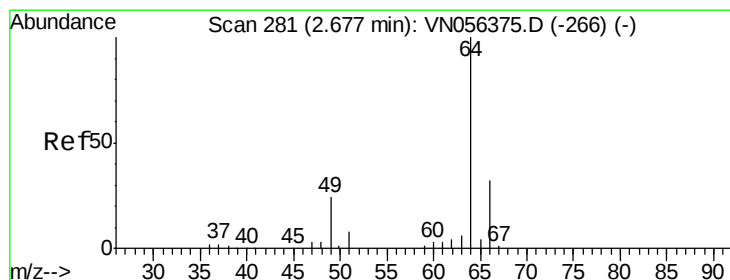
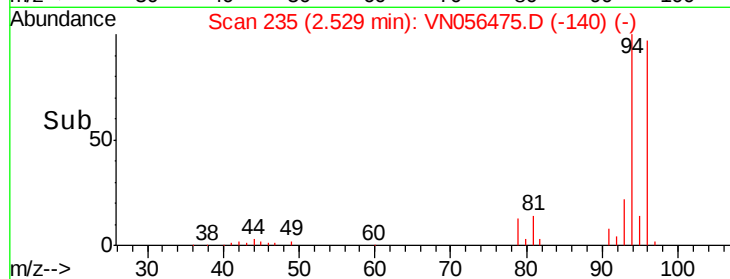
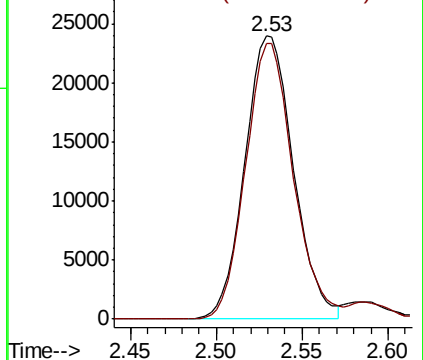
#5
Bromomethane
Concen: 19.771 ug/l
RT: 2.53 min Scan# 235
Delta R.T. 0.01 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion: 94 Resp: 47026
Ion Ratio Lower Upper
94 100
96 97.5 76.0 114.0

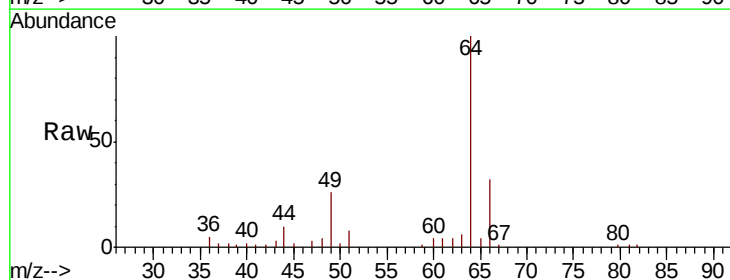


Abundance Ion 93.90 (93.60 to 94.60): VN0
Ion 95.90 (95.60 to 96.60): VN0

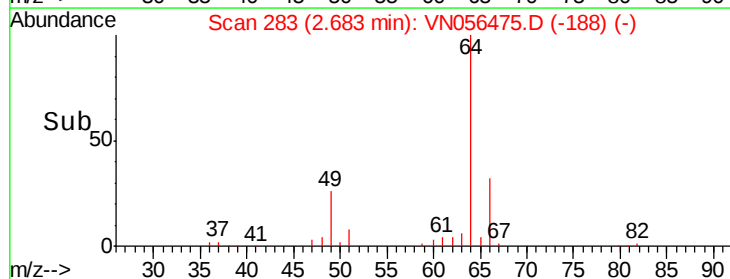
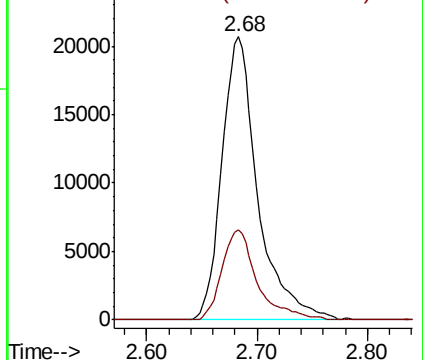


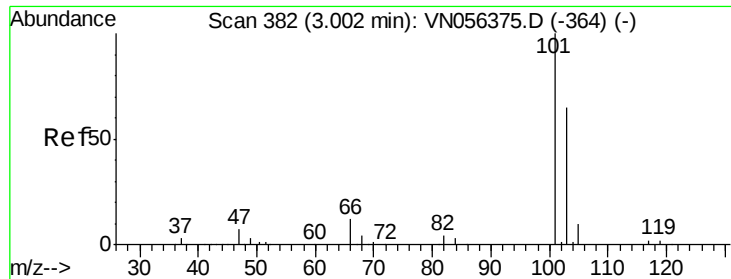
#6
Chloroethane
Concen: 19.857 ug/l
RT: 2.68 min Scan# 283
Delta R.T. 0.01 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

Tgt Ion: 64 Resp: 46655
Ion Ratio Lower Upper
64 100
66 31.7 25.8 38.8



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



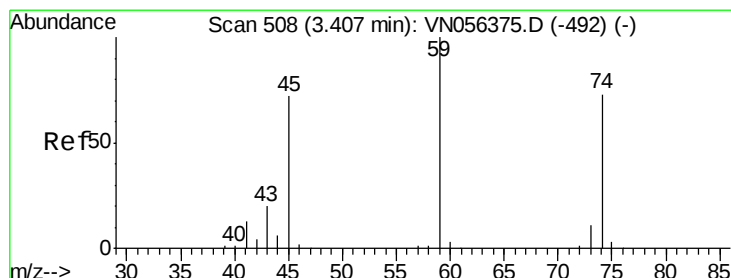
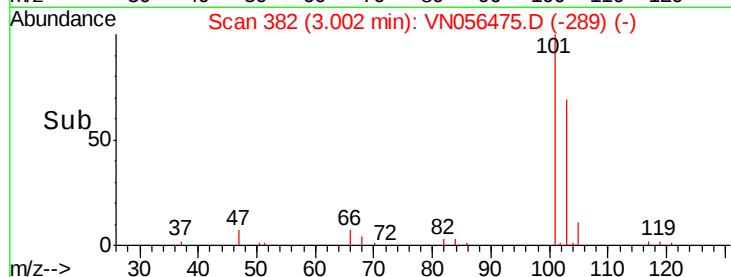
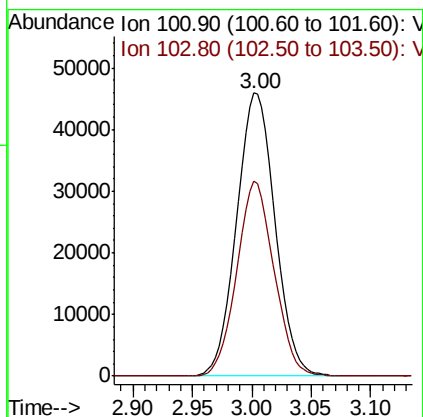
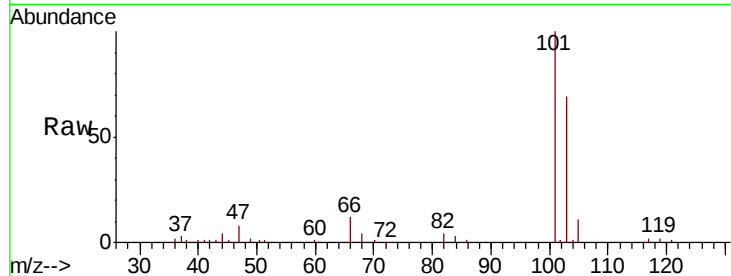


#7

Trichlorofluoromethane
Concen: 19.614 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

Instrument :
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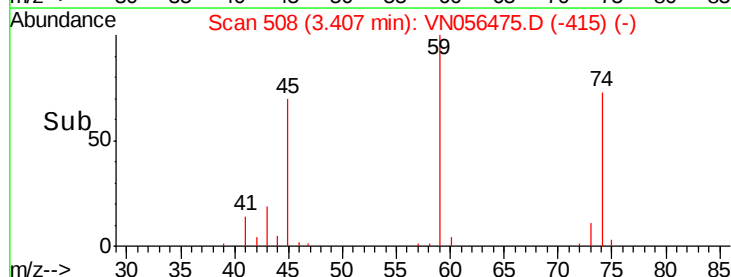
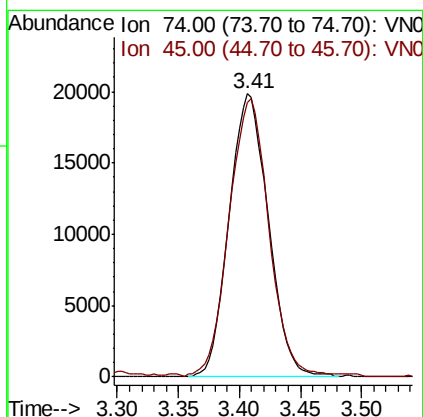
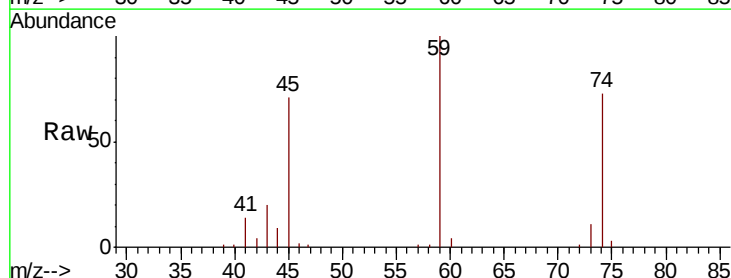
Tot Ion:101 Resp: 102938
Ion Ratio Lower Upper
101 100
103 68.8 51.7 77.5

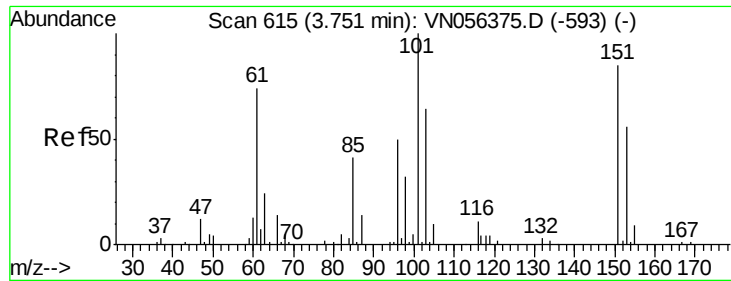


#8

Diethyl Ether
Concen: 19.973 ug/l
RT: 3.41 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

Tgt Ion: 74 Resp: 44362
Ion Ratio Lower Upper
74 100
45 99.9 48.9 146.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.184 ug/l

RT: 3.75 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN056475.D

Acq: 25 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

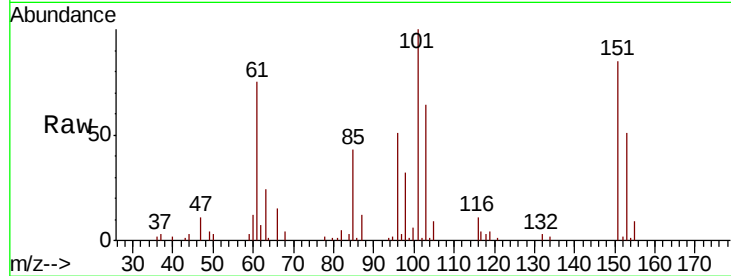
Tot Ion:101 Resp: 67553

Ion Ratio Lower Upper

101 100

85 41.0 32.7 49.1

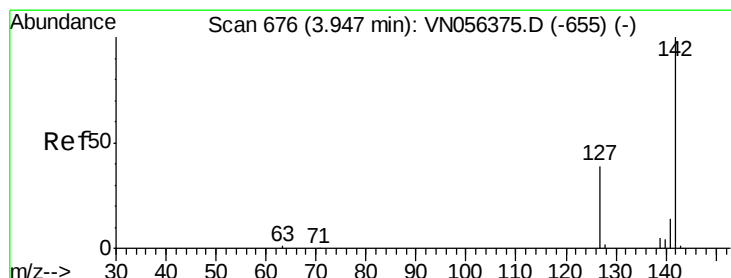
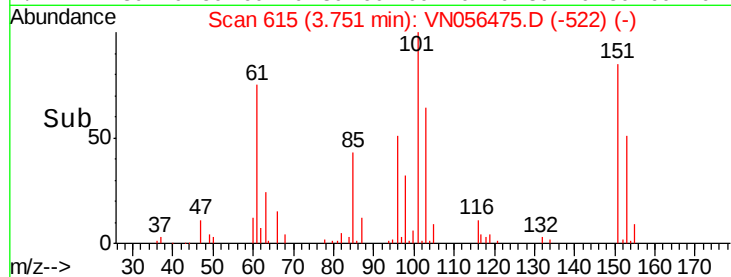
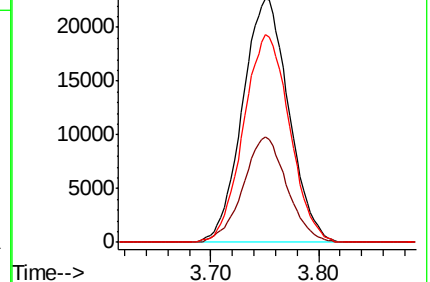
151 84.9 66.8 100.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.111 ug/l

RT: 3.95 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN056475.D

Acq: 25 Jun 2019 10:49

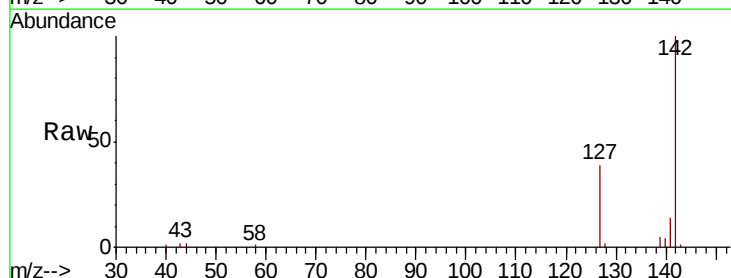
Tgt Ion:142 Resp: 86449

Ion Ratio Lower Upper

142 100

127 37.7 30.6 46.0

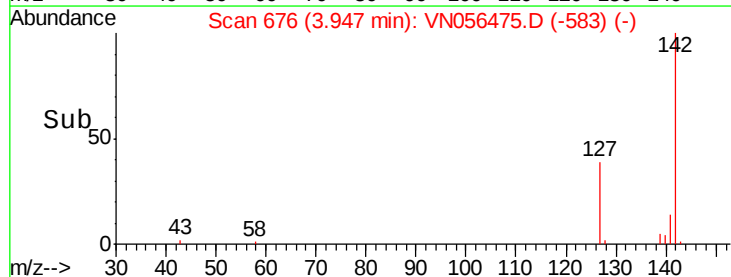
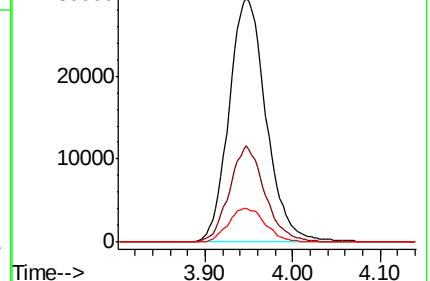
141 13.7 11.4 17.2

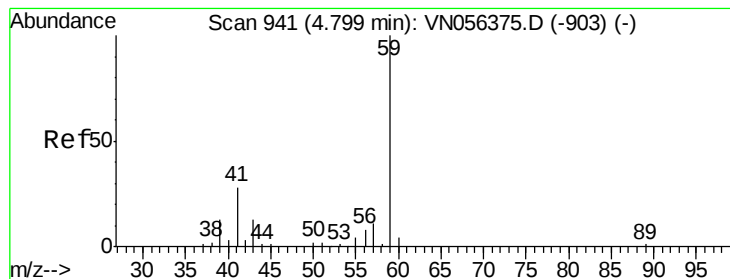


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



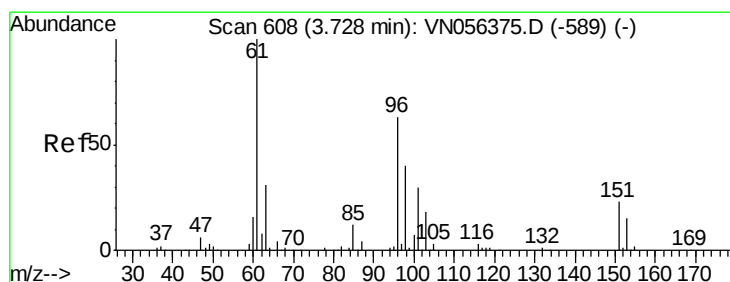
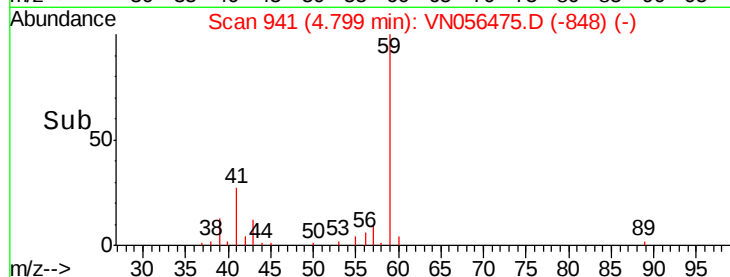
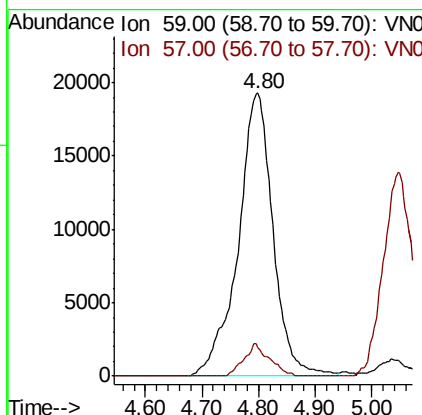
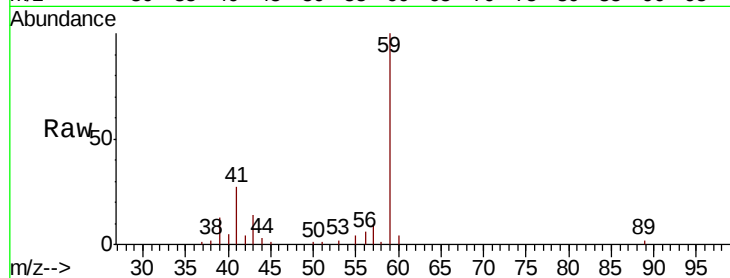


#11

Tert butyl alcohol
 Concen: 121.475 ug/l
 RT: 4.80 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: VN056475.D
 Acq: 25 Jun 2019 10:49

Instrument :
 MSVOA_N
 ClientSampled :
 VN0625WBSD01

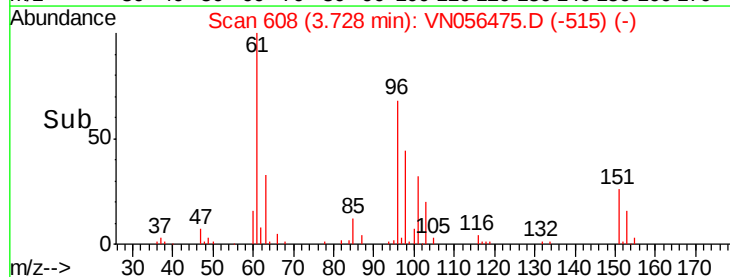
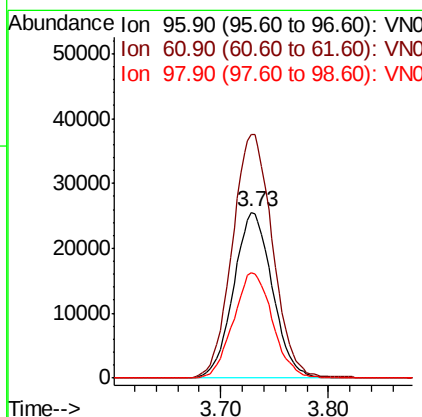
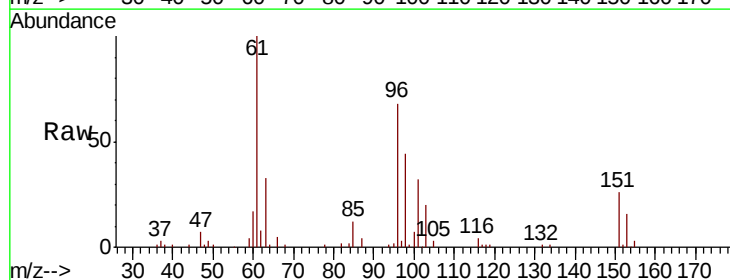
Tot Ion: 59 Resp: 82617
 Ion Ratio Lower Upper
 59 100
 57 8.3 7.6 11.4

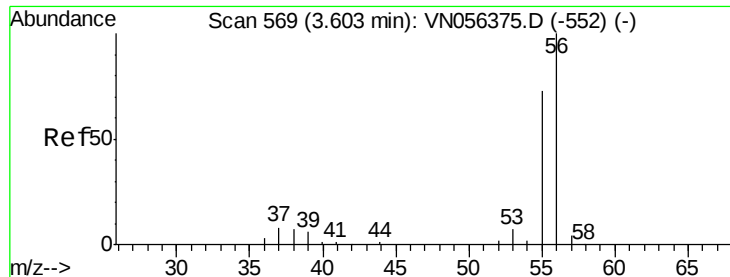


#12

1,1-Dichloroethene
 Concen: 19.841 ug/l
 RT: 3.73 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN056475.D
 Acq: 25 Jun 2019 10:49

Tgt Ion: 96 Resp: 63859
 Ion Ratio Lower Upper
 96 100
 61 147.1 126.6 190.0
 98 64.0 51.1 76.7





#13

Acrolein

Concen: 75.747 ug/l

RT: 3.60 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN056475.D

Acq: 25 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

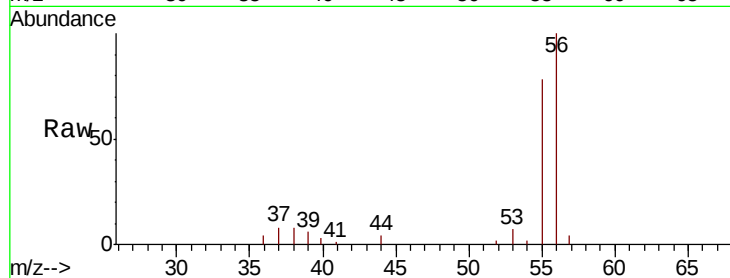
VN0625WBSD01

Tot Ion: 56 Resp: 43419

Ion Ratio Lower Upper

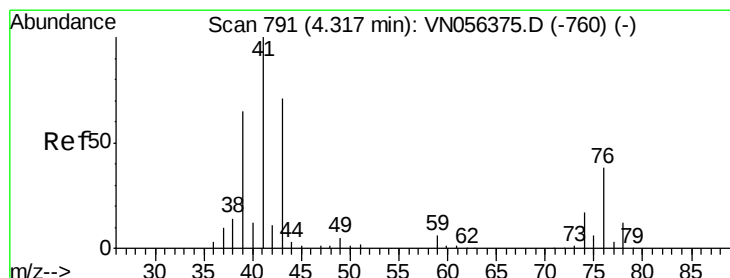
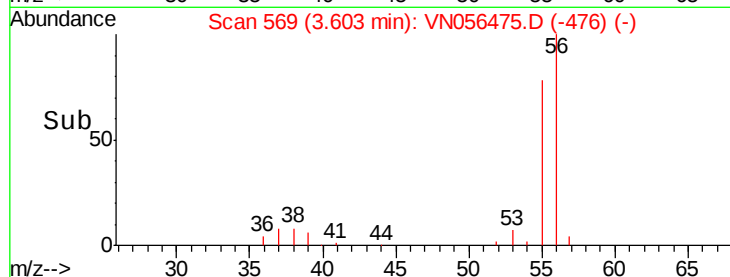
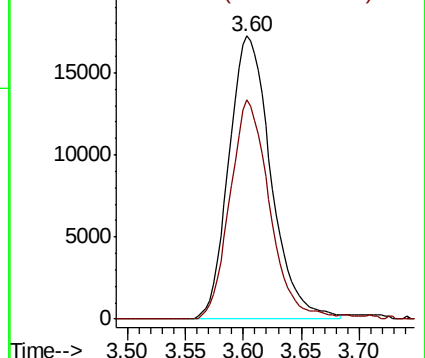
56 100

55 72.7 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 20.140 ug/l

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN056475.D

Acq: 25 Jun 2019 10:49

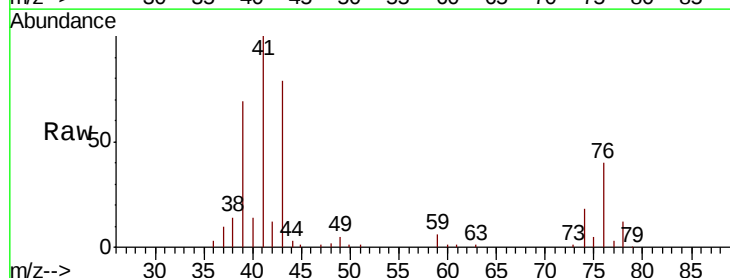
Tgt Ion: 41 Resp: 107904

Ion Ratio Lower Upper

41 100

39 61.1 48.6 73.0

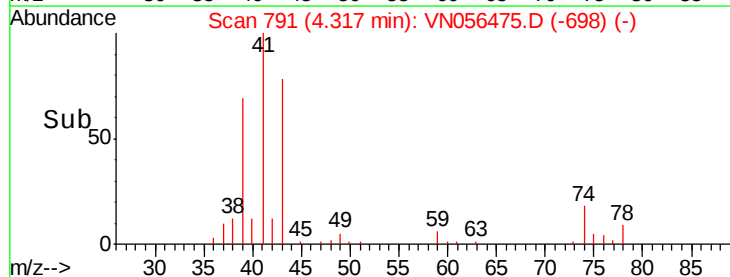
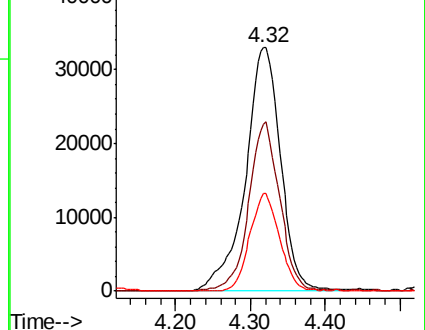
76 33.9 26.6 40.0

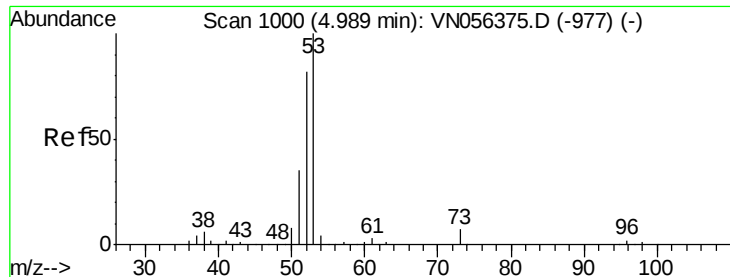


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 102.872 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056475.D

Acq: 25 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

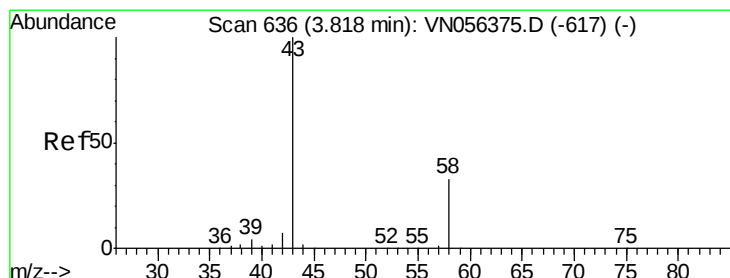
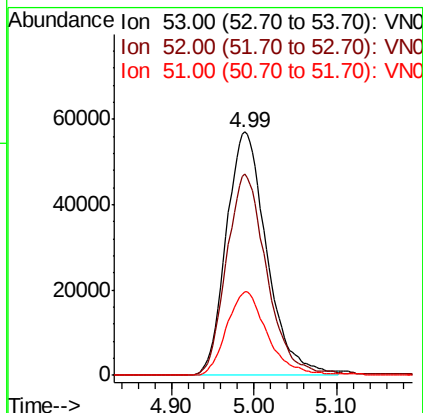
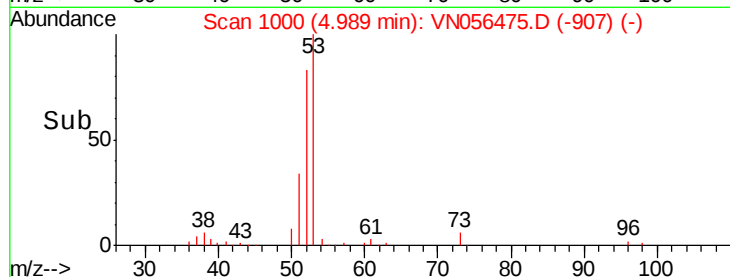
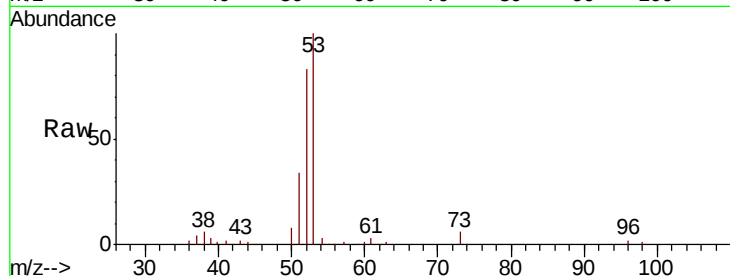
Tot Ion: 53 Resp: 193558

Ion Ratio Lower Upper

53 100

52 81.6 65.9 98.9

51 34.6 28.3 42.5



#16

Acetone

Concen: 98.490 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056475.D

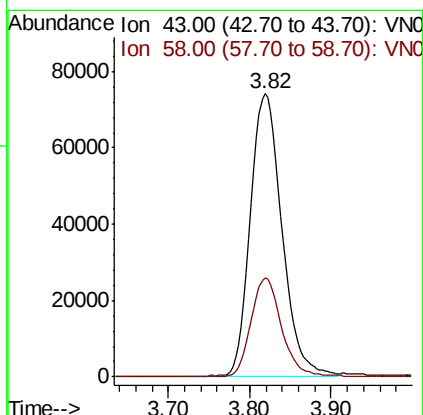
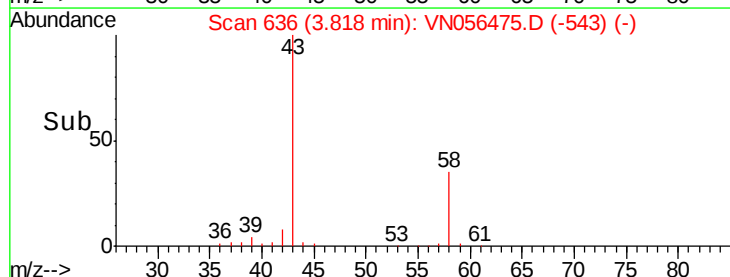
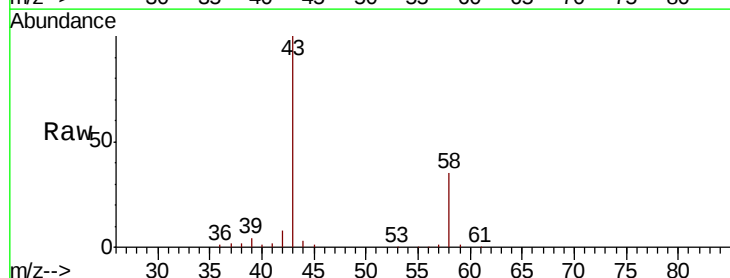
Acq: 25 Jun 2019 10:49

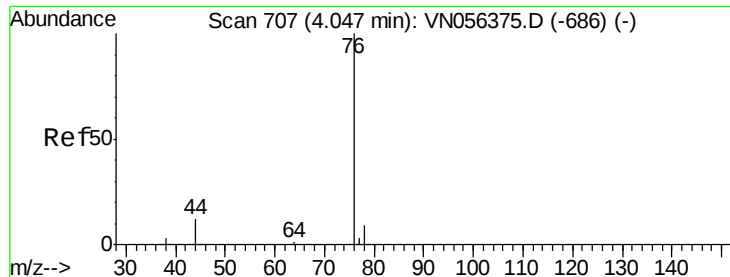
Tgt Ion: 43 Resp: 199258

Ion Ratio Lower Upper

43 100

58 34.9 26.4 39.6

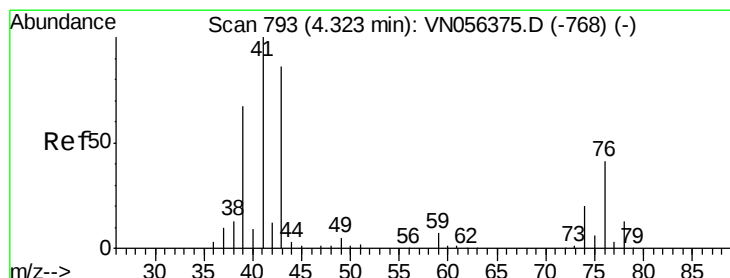
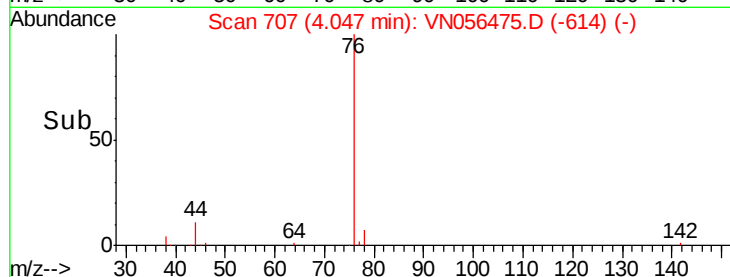
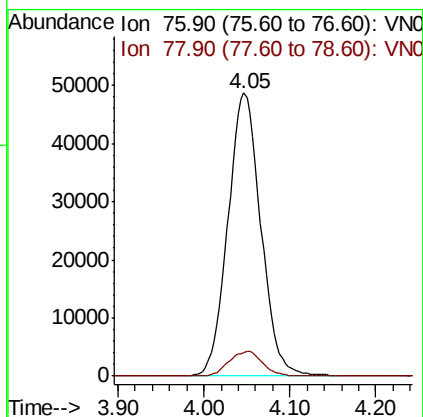
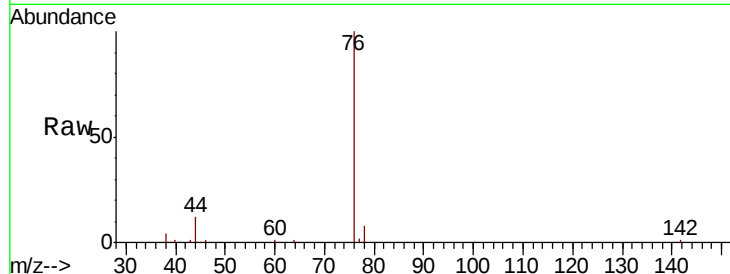




#17
Carbon Disulfide
Concen: 17.690 ug/l
RT: 4.05 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

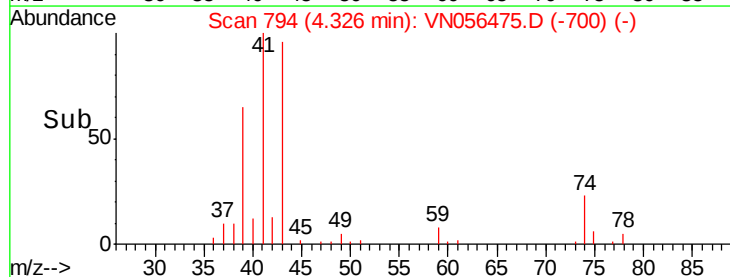
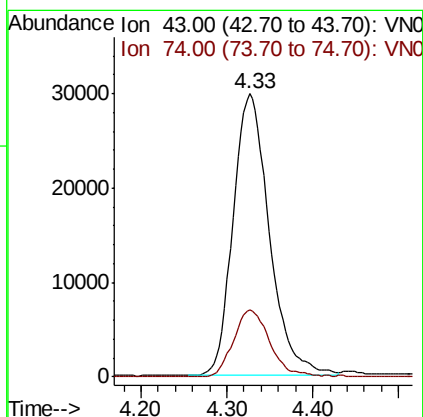
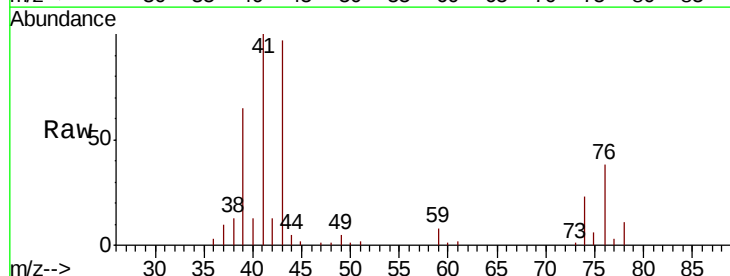
Instrument :
MSVOA_N
ClientSampled :
VN0625WBSD01

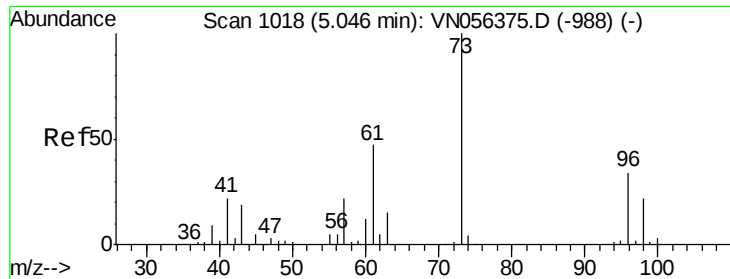
Tot Ion: 76 Resp: 129498
Ion Ratio Lower Upper
76 100
78 8.4 7.1 10.7



#18
Methyl Acetate
Concen: 21.522 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

Tgt Ion: 43 Resp: 87238
Ion Ratio Lower Upper
43 100
74 23.8 19.2 28.8

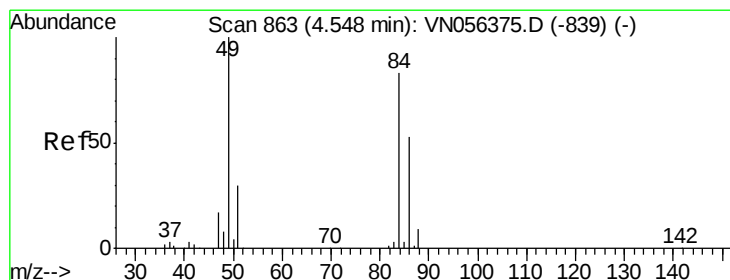
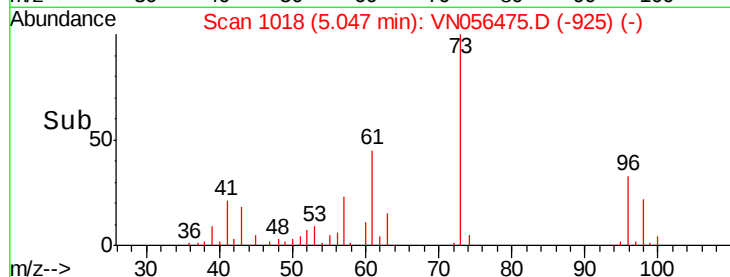
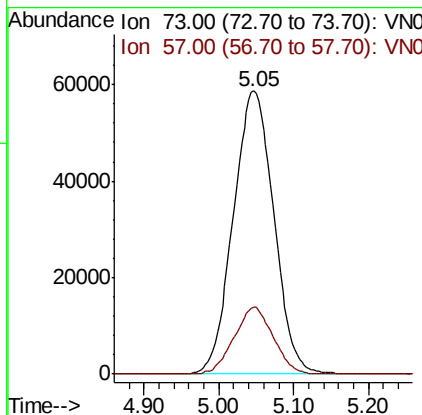
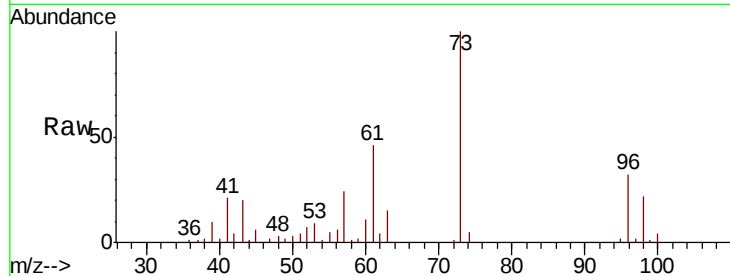




#19
Methvl tert-butvl Ether
Concen: 20.749 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

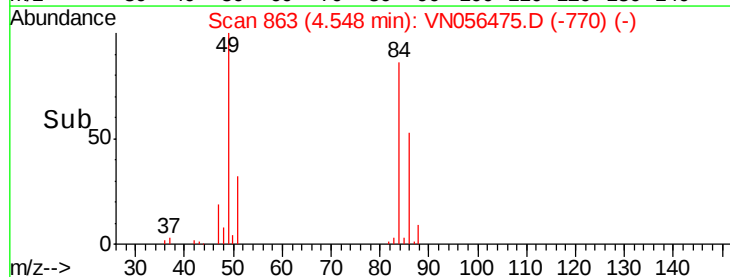
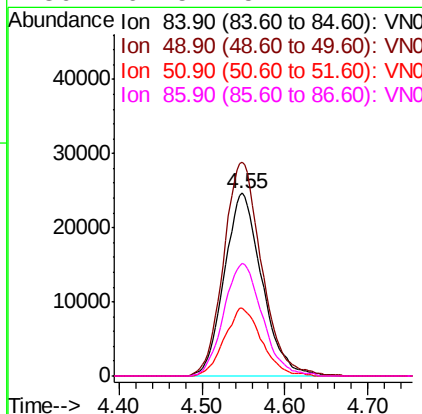
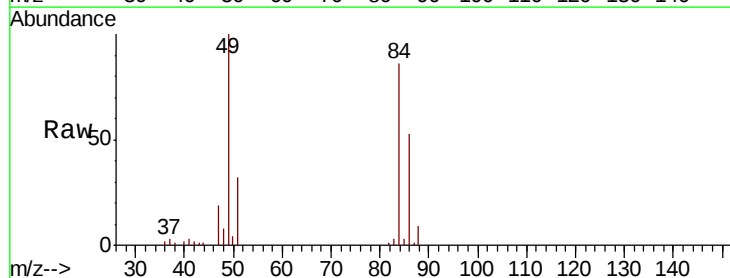
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

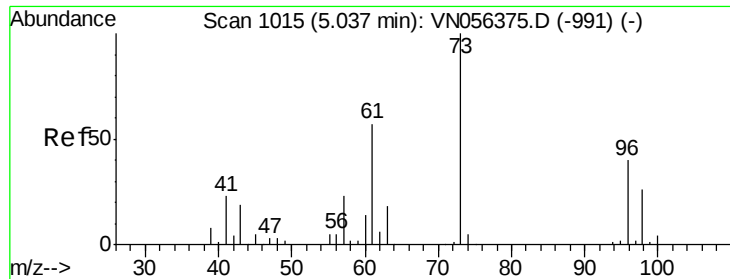
Tot Ion: 73 Resp: 220981
Ion Ratio Lower Upper
73 100
57 23.7 17.9 26.9



#20
Methylene Chloride
Concen: 19.882 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

Tgt Ion: 84 Resp: 77872
Ion Ratio Lower Upper
84 100
49 116.9 96.4 144.6
51 36.9 28.6 43.0
86 61.5 51.4 77.2

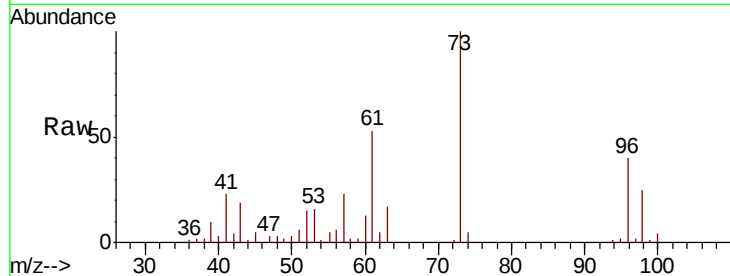




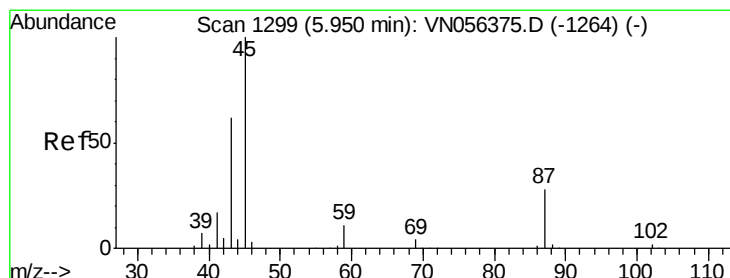
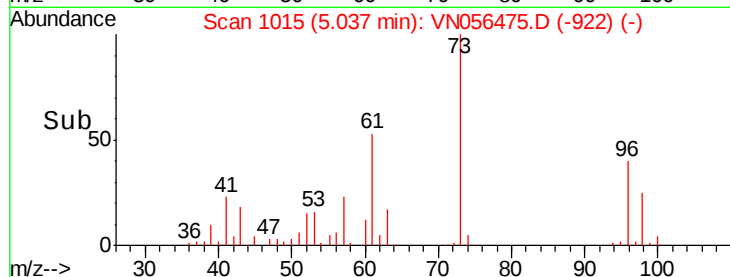
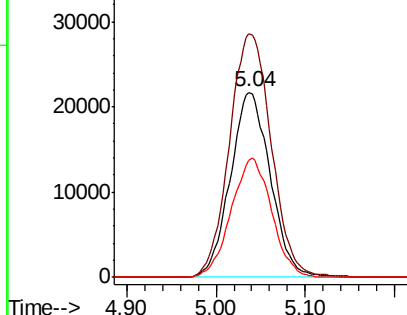
#21
trans-1,2-Dichloroethene
Concen: 19.479 ug/l
RT: 5.04 min Scan# 1015
Delta R.T. 0.00 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion: 96 Resp: 67593
Ion Ratio Lower Upper
96 100
61 131.3 113.0 169.6
98 62.9 52.2 78.2

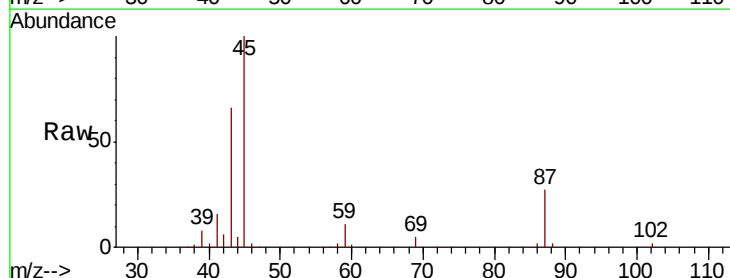


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

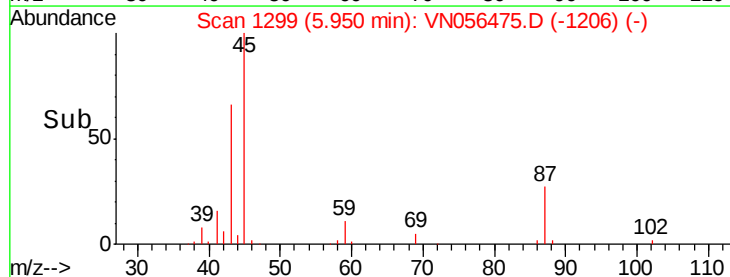
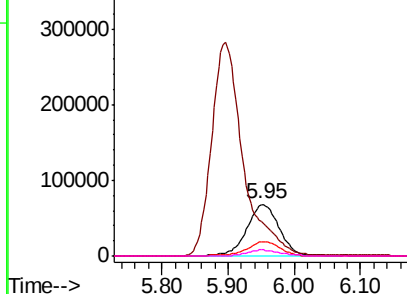


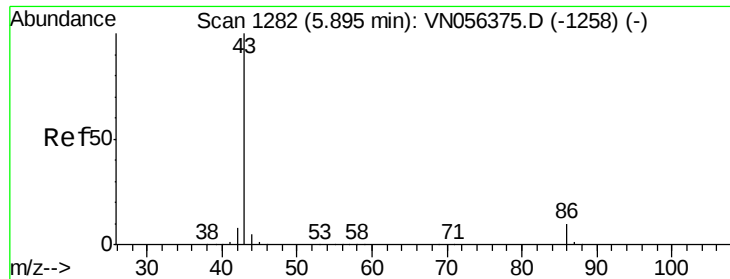
#22
Diisopropyl ether
Concen: 20.801 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. 0.00 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

Tgt Ion: 45 Resp: 234051
Ion Ratio Lower Upper
45 100
43 63.9 50.4 75.6
87 26.8 23.0 34.4
59 11.4 9.1 13.7



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

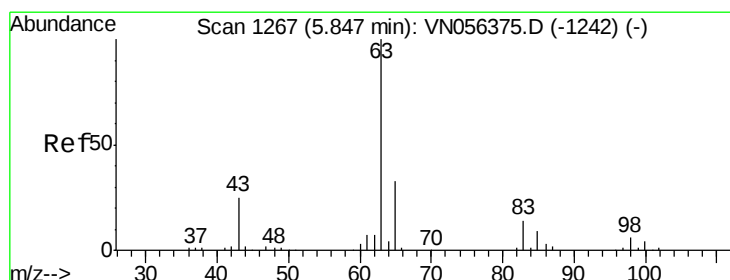
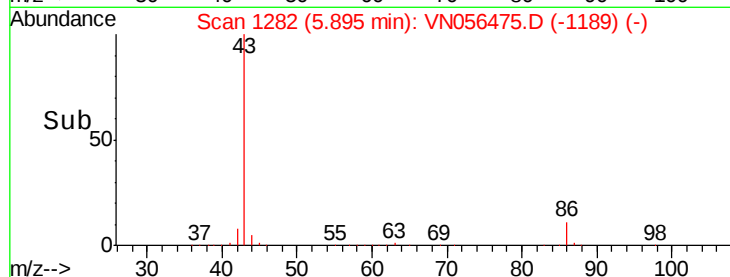
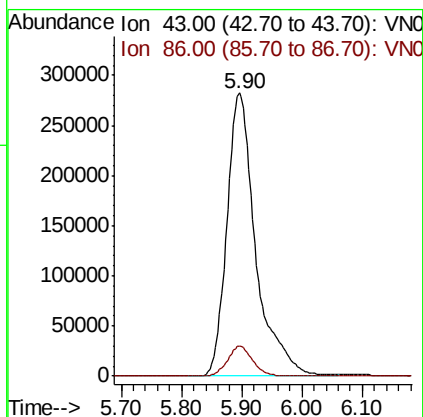
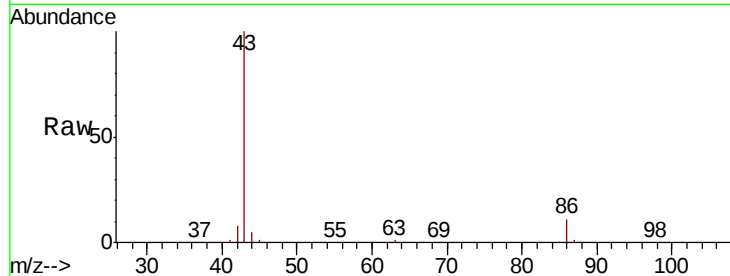




#23
 Vinyl Acetate
 Concen: 106.108 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN056475.D
 Acq: 25 Jun 2019 10:49

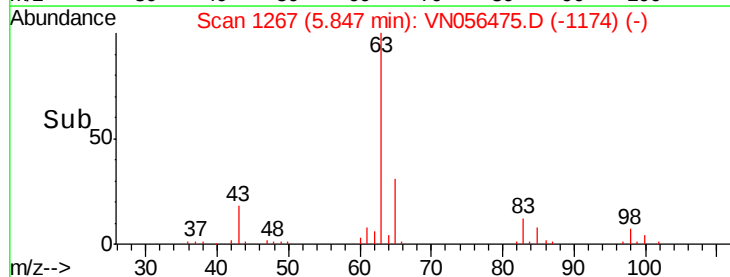
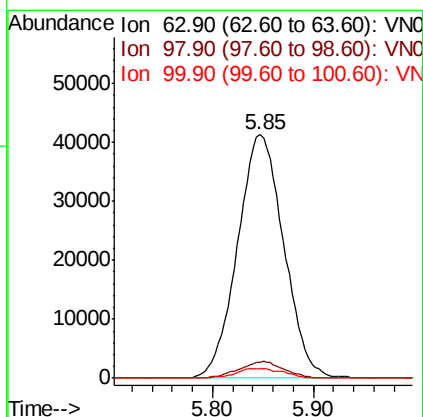
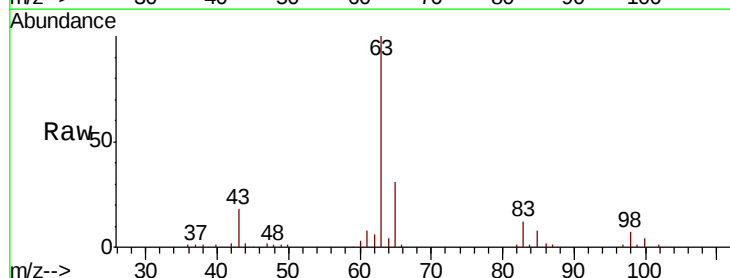
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

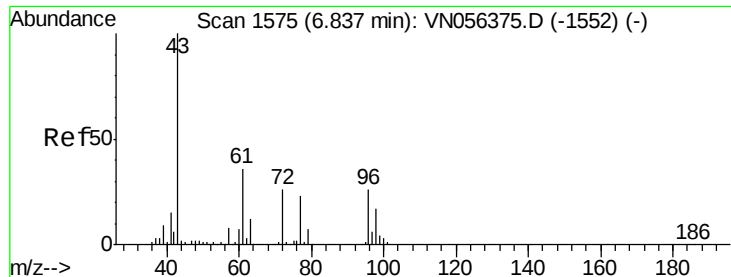
Tot Ion: 43 Resp: 941691
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 20.297 ug/l
 RT: 5.85 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: VN056475.D
 Acq: 25 Jun 2019 10:49

Tgt Ion: 63 Resp: 131099
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.2 9.6
 100 3.7 2.1 6.5

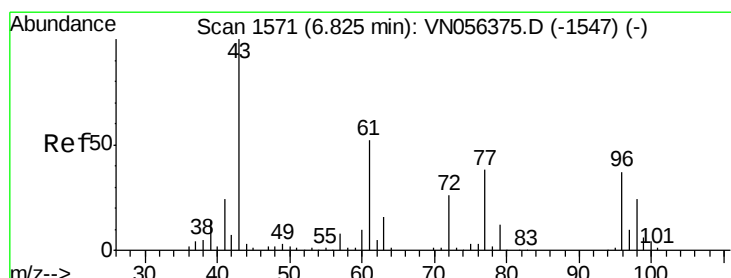
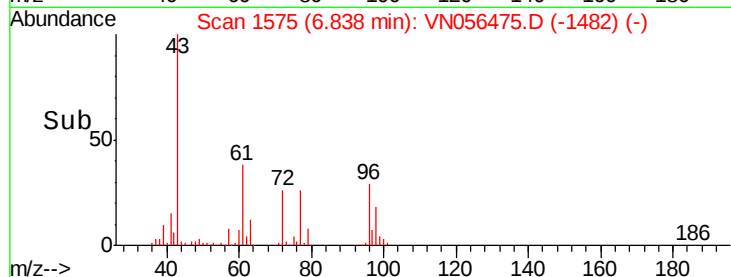
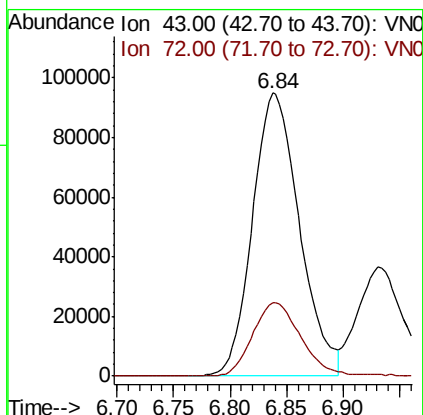
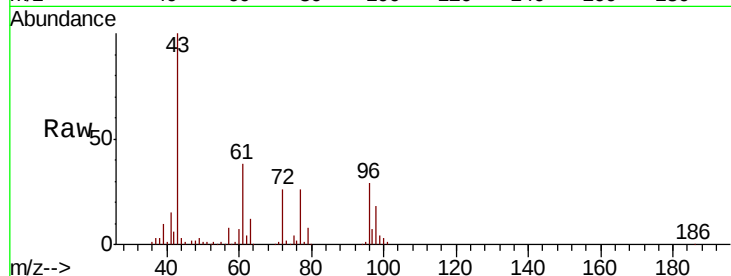




#25
2-Butanone
Concen: 101.864 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

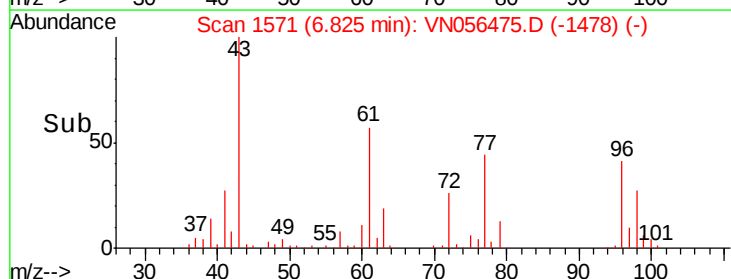
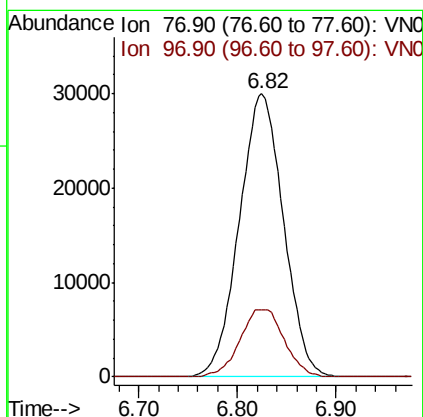
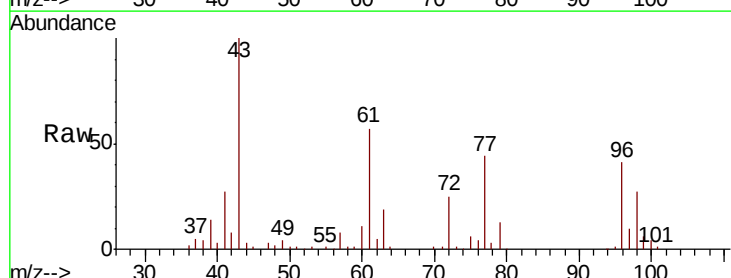
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

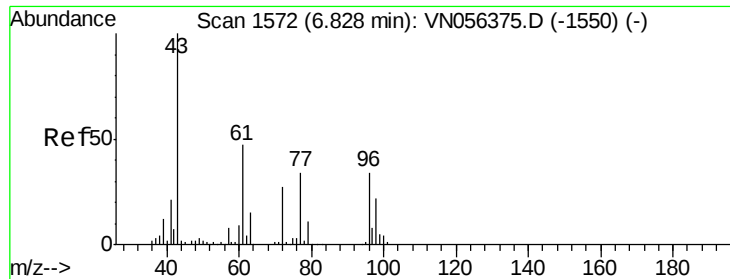
Tot Ion: 43 Resp: 272755
Ion Ratio Lower Upper
43 100
72 26.0 20.6 31.0



#26
2,2-Dichloropropane
Concen: 20.686 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. 0.00 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

Tgt Ion: 77 Resp: 92929
Ion Ratio Lower Upper
77 100
97 23.9 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 20.582 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.01 min

Lab File: VN056475.D

Acq: 25 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

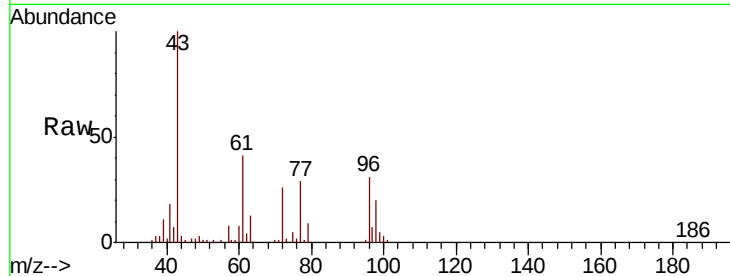
Tot Ion: 96 Resp: 83559

Ion Ratio Lower Upper

96 100

61 139.2 0.0 279.8

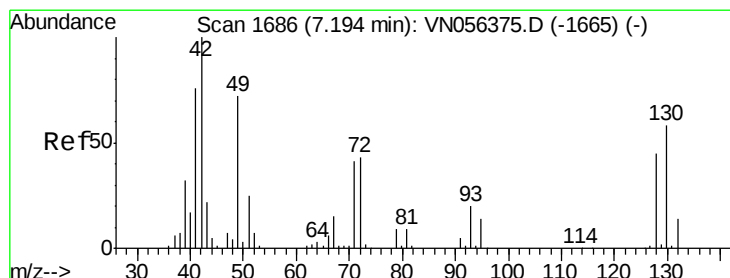
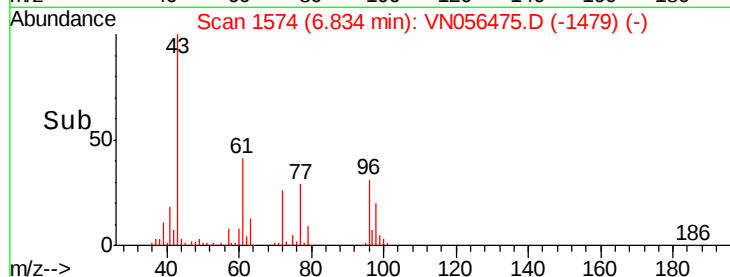
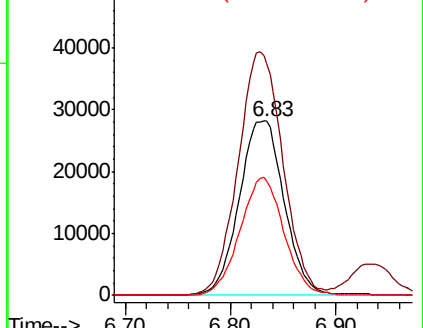
98 66.1 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.568 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN056475.D

Acq: 25 Jun 2019 10:49

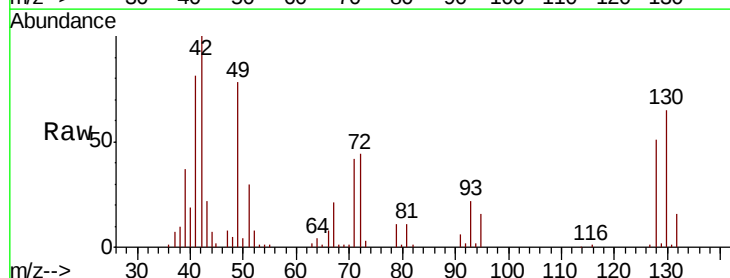
Tgt Ion: 49 Resp: 65711

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

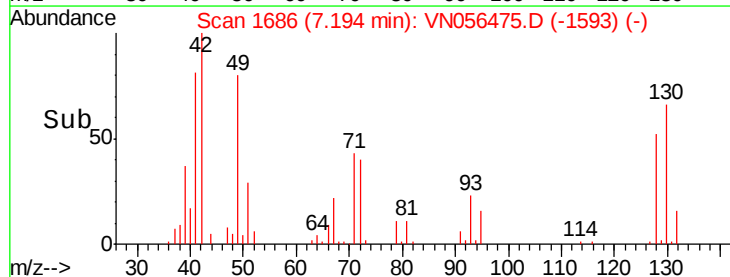
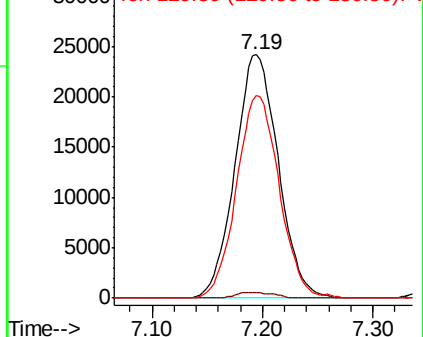
130 81.9 64.9 97.3

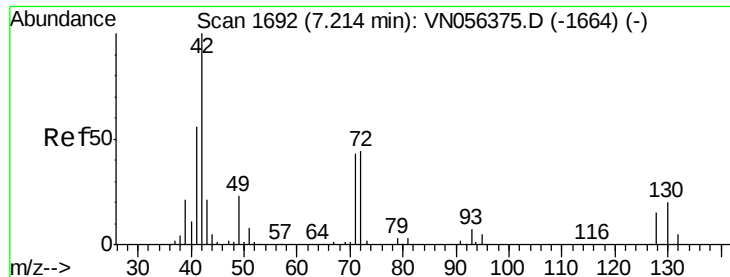


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 105.430 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN056475.D

Acq: 25 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

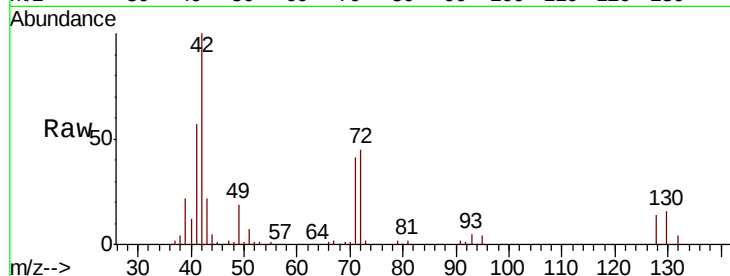
Tot Ion: 42 Resp: 172517

Ion Ratio Lower Upper

42 100

72 43.6 34.7 52.1

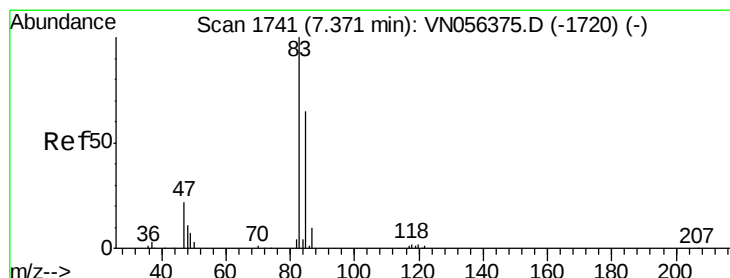
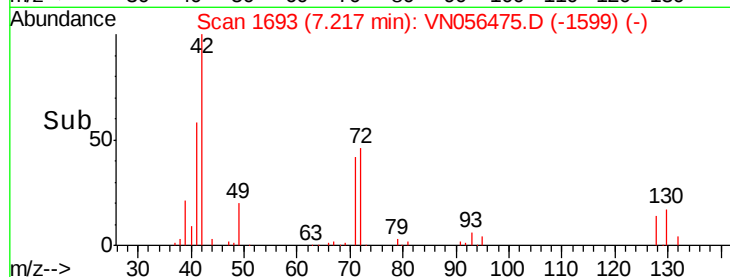
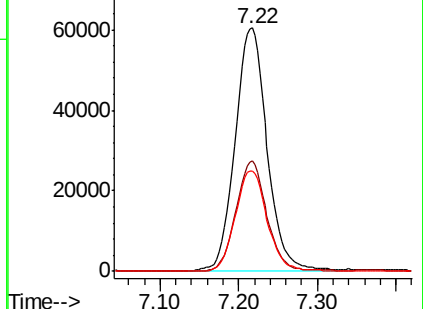
71 40.9 33.0 49.6



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 20.881 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN056475.D

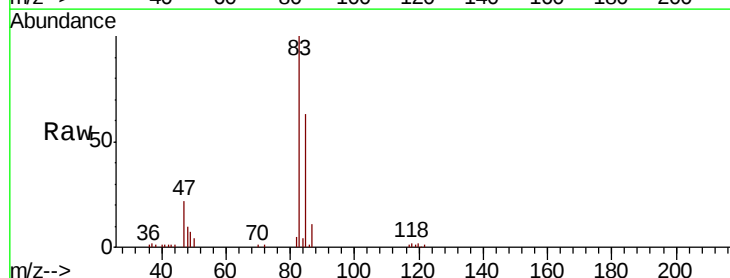
Acq: 25 Jun 2019 10:49

Tgt Ion: 83 Resp: 133086

Ion Ratio Lower Upper

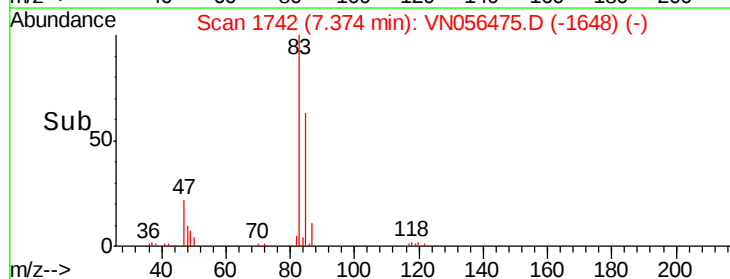
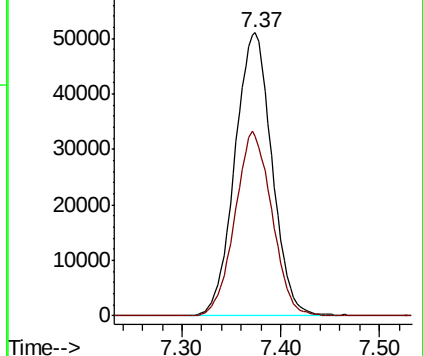
83 100

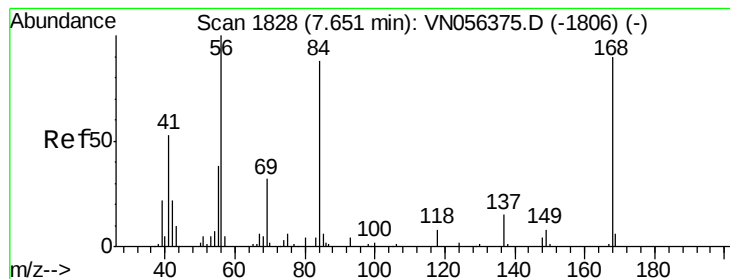
85 63.3 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 19.355 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN056475.D

Acq: 25 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampled :

VN0625WBSD01

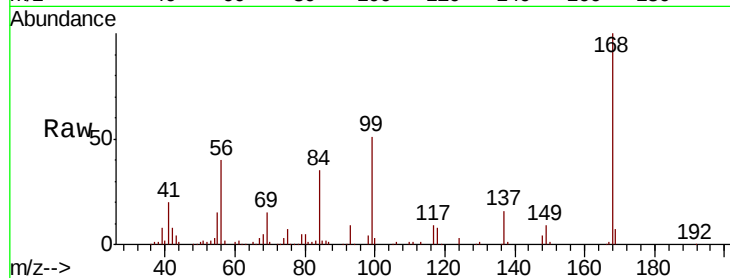
Tot Ion: 56 Resp: 120693

Ion Ratio Lower Upper

56 100

69 37.0 25.8 38.6

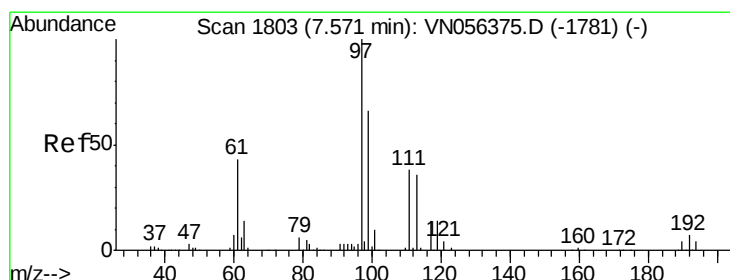
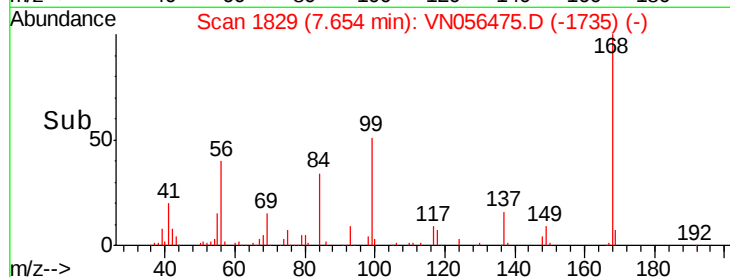
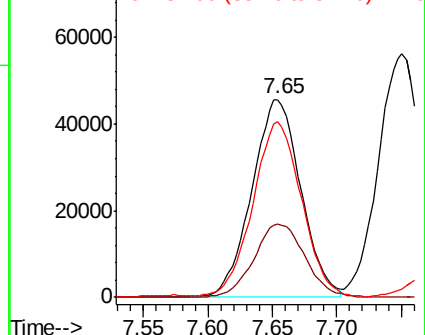
84 87.9 69.4 104.0



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: 20.920 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN056475.D

Acq: 25 Jun 2019 10:49

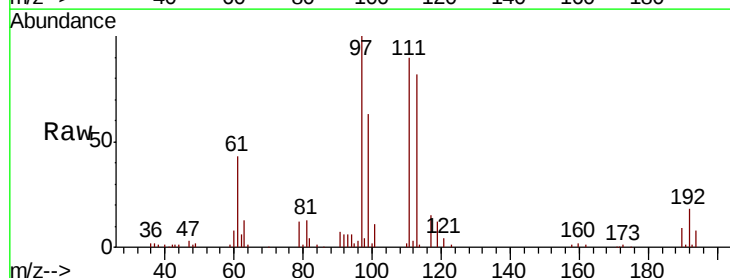
Tgt Ion: 97 Resp: 105687

Ion Ratio Lower Upper

97 100

99 62.9 51.8 77.6

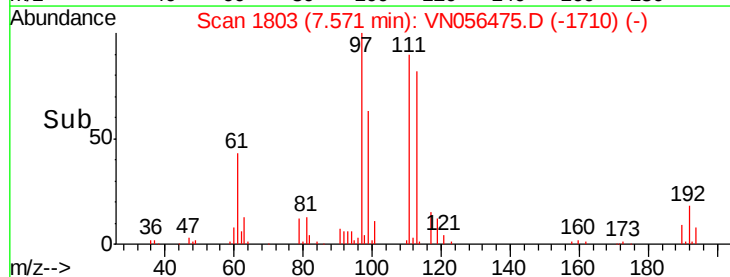
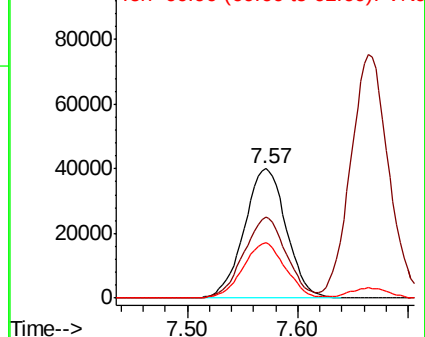
61 43.0 33.9 50.9

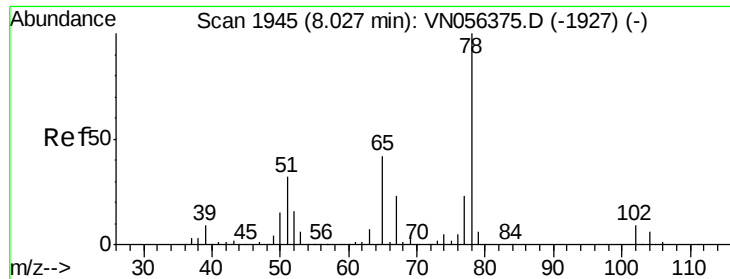


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

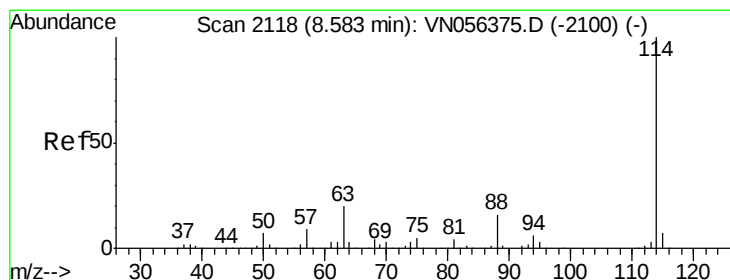
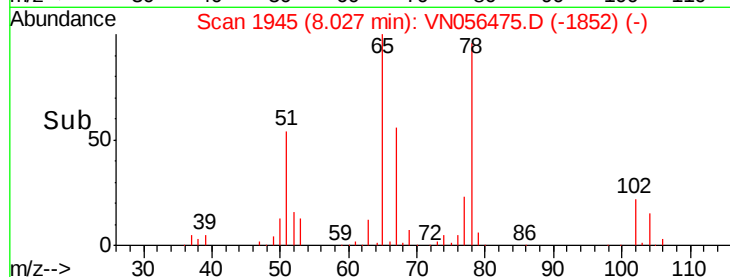
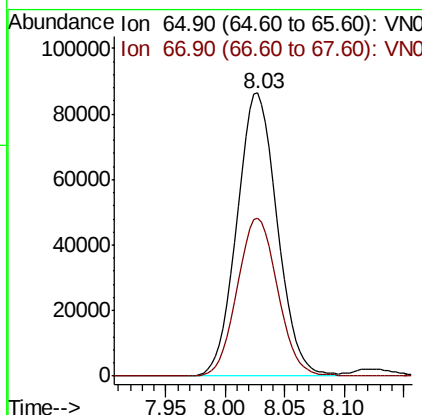
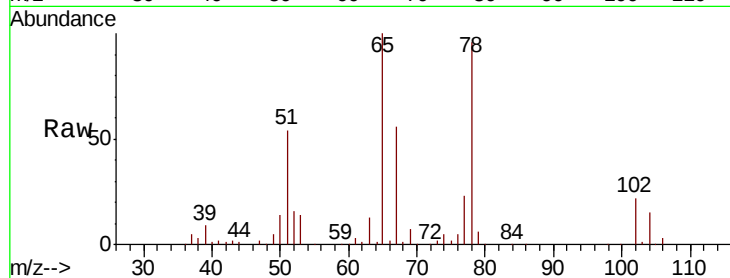




#33
 1,2-Dichloroethane-d4
 Concen: 50.288 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056475.D
 Acq: 25 Jun 2019 10:49

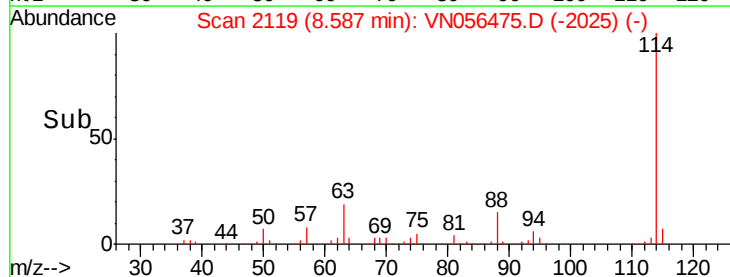
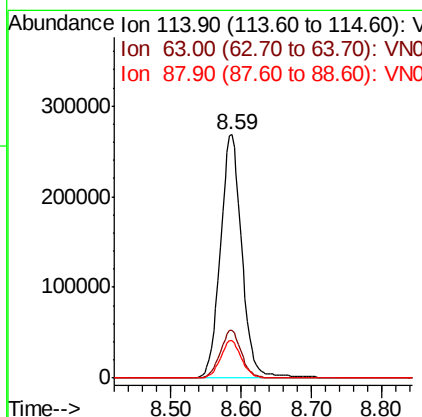
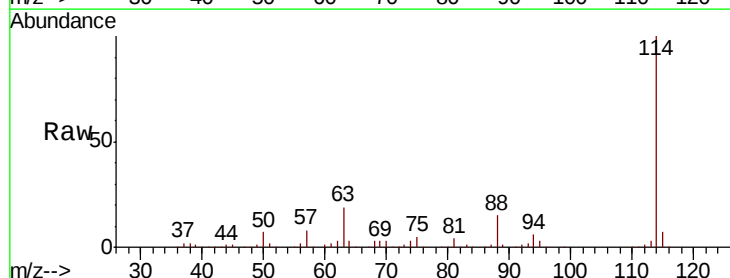
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

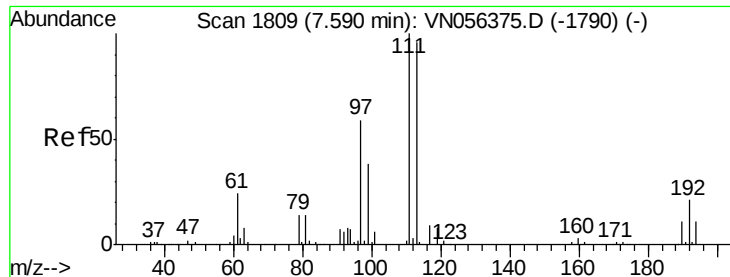
Tot Ion: 65 Resp: 203066
 Ion Ratio Lower Upper
 65 100
 67 56.2 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056475.D
 Acq: 25 Jun 2019 10:49

Tgt Ion: 114 Resp: 569814
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 15.2 0.0 31.4

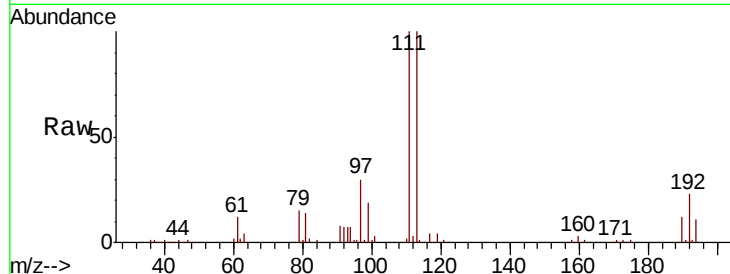




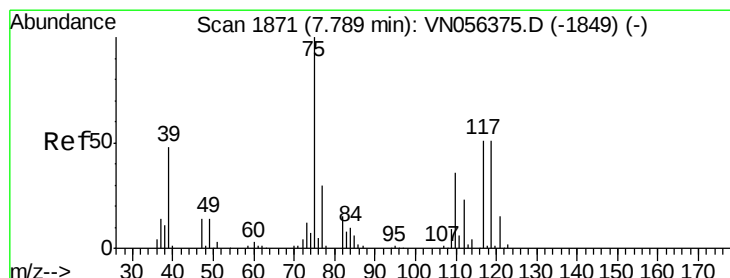
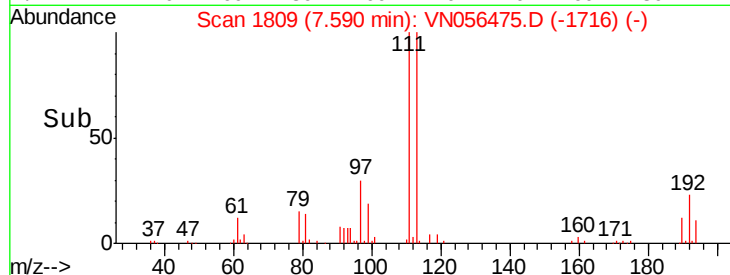
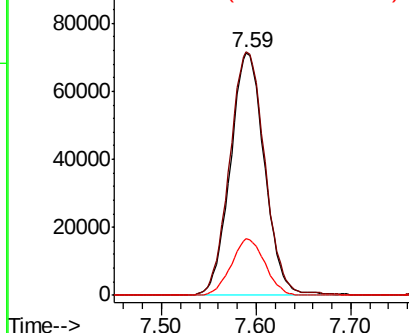
#35
 Dibromofluoromethane
 Concen: 50.351 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056475.D
 Acq: 25 Jun 2019 10:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Tot Ion:113 Resp: 178983
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.9 124.3
 192 23.1 17.7 26.5

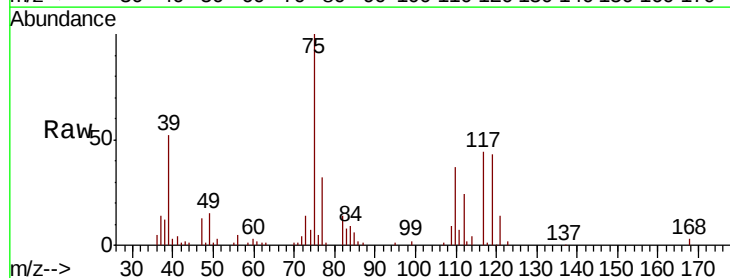


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

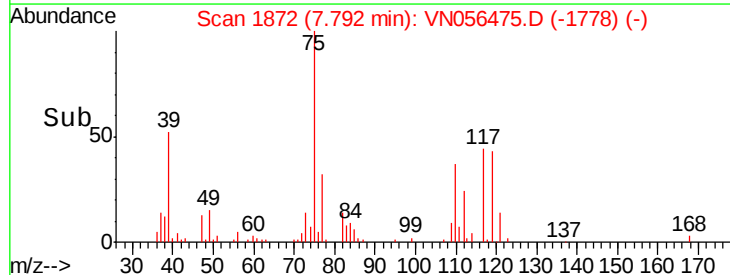
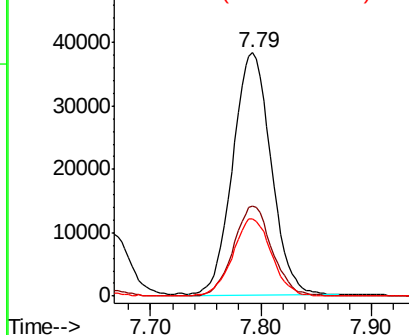


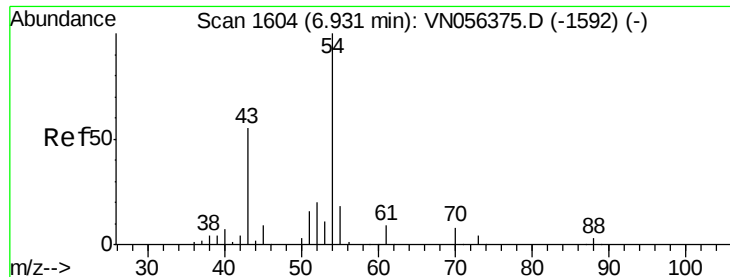
#36
 1,1-Dichloropropene
 Concen: 18.420 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN056475.D
 Acq: 25 Jun 2019 10:49

Tgt Ion: 75 Resp: 92386
 Ion Ratio Lower Upper
 75 100
 110 37.2 18.1 54.3
 77 32.1 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

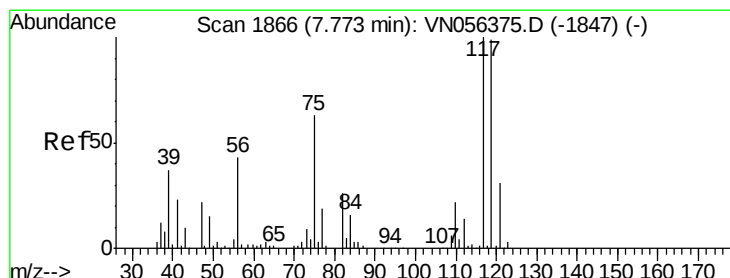
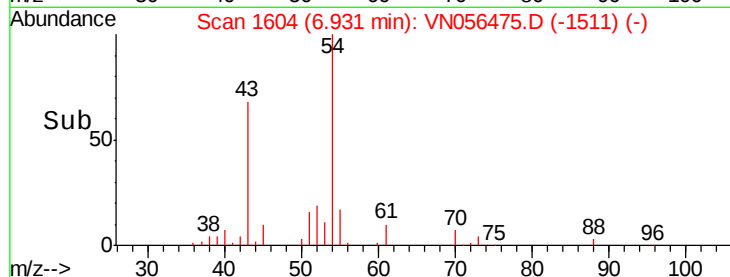
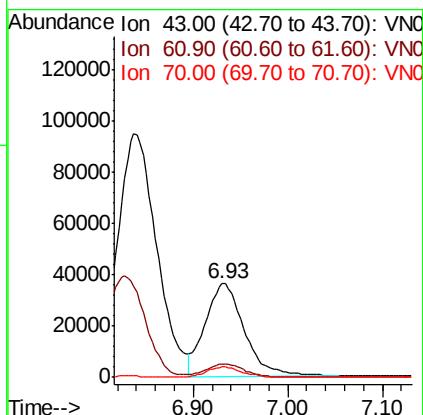
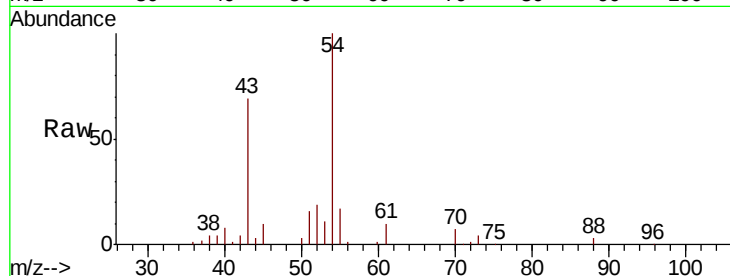




#37
Ethyl Acetate
Concen: 21.147 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

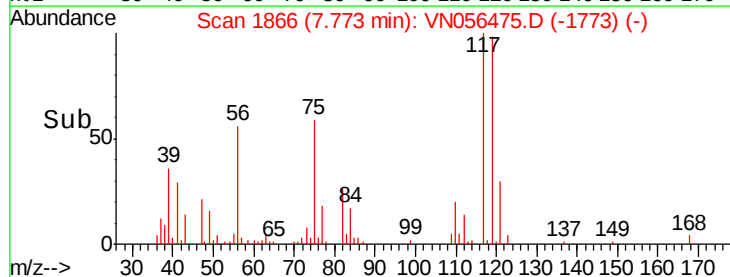
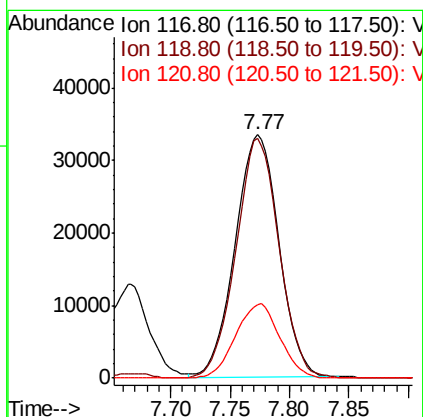
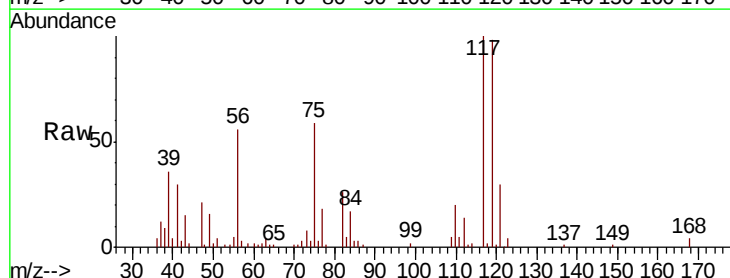
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

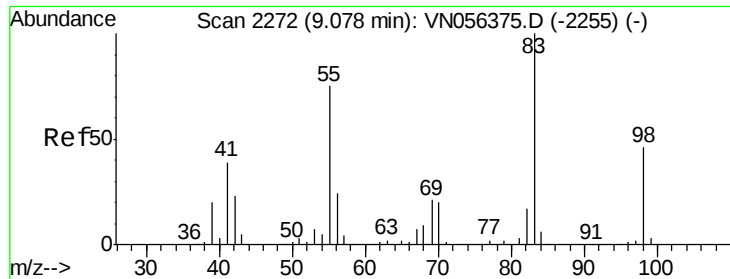
Tot Ion: 43 Resp: 104230
Ion Ratio Lower Upper
43 100
61 14.3 11.1 16.7
70 10.2 8.3 12.5



#38
Carbon Tetrachloride
Concen: 19.413 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

Tgt Ion: 117 Resp: 85141
Ion Ratio Lower Upper
117 100
119 99.0 79.1 118.7
121 30.1 24.8 37.2

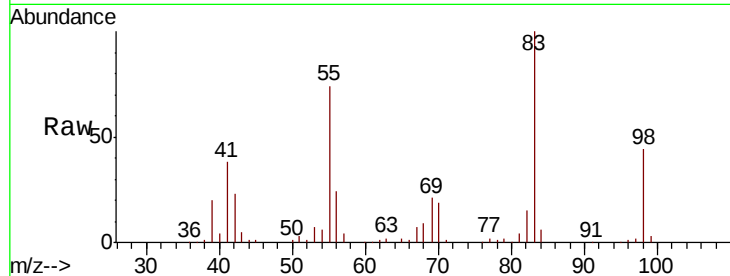




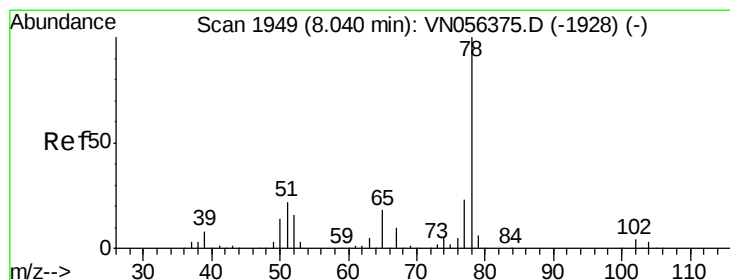
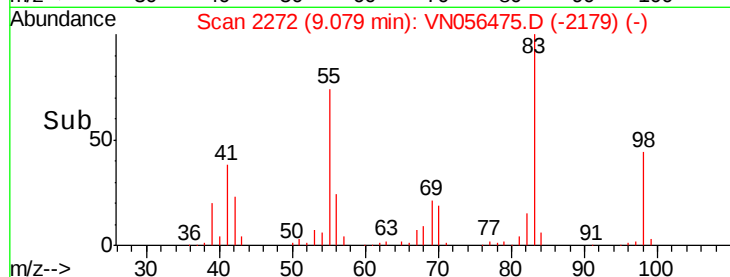
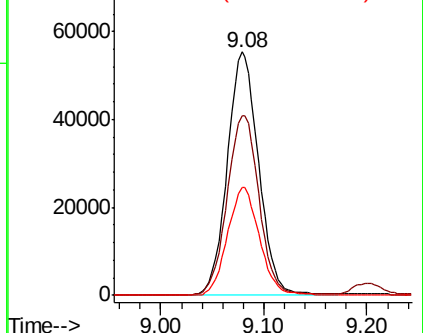
#39
Methvlcvclohexane
Concen: 18.995 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampled :
VN0625WBSD01

Tot Ion: 83 Resp: 117553
Ion Ratio Lower Upper
83 100
55 73.6 60.0 90.0
98 44.4 36.6 54.8

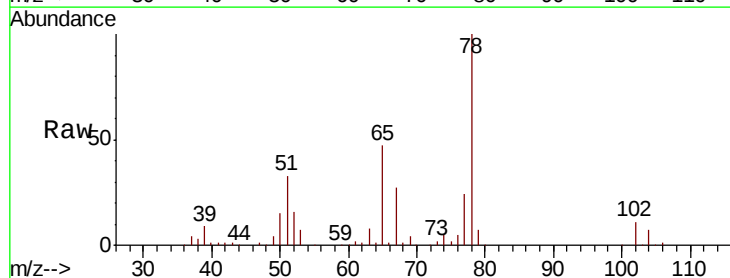


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

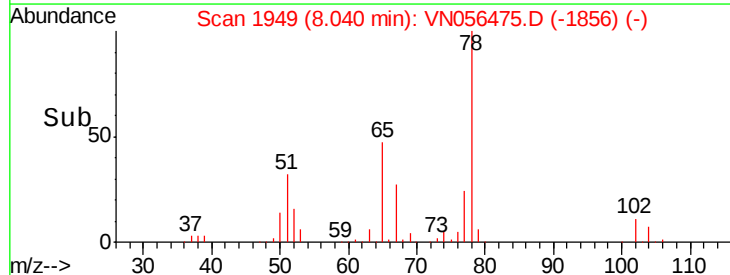
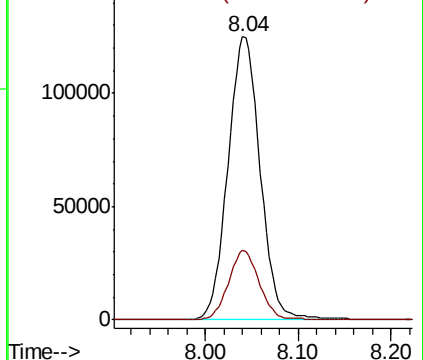


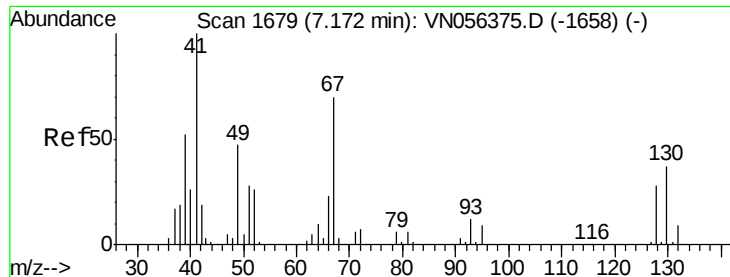
#40
Benzene
Concen: 19.492 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

Tgt Ion: 78 Resp: 300705
Ion Ratio Lower Upper
78 100
77 24.5 18.3 27.5



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

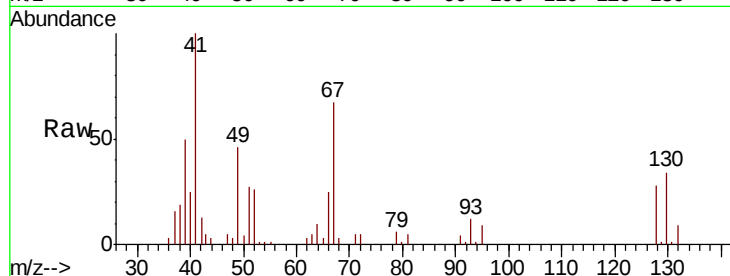




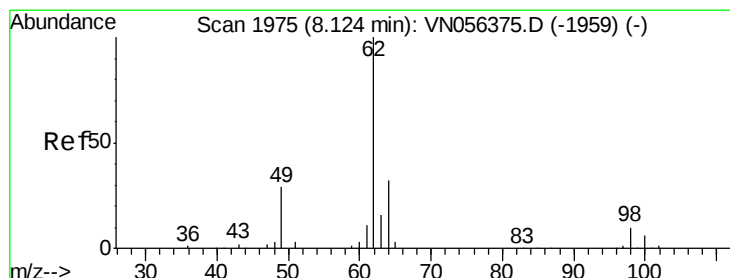
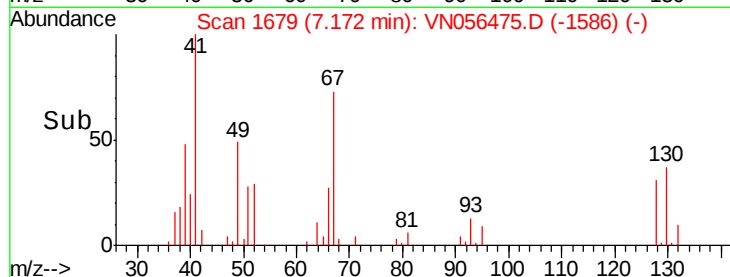
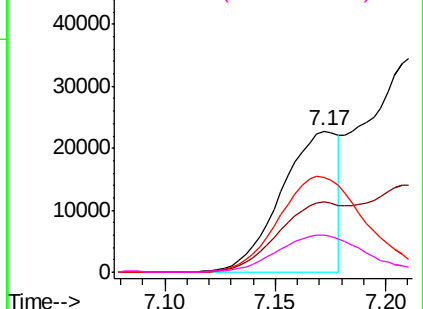
#41
Methacrylonitrile
Concen: 18.750 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampled :
VN0625WBSD01

Tot Ion:	41	Resp:	40808
Ion	Ratio	Lower	Upper
41	100		
39	56.6	55.3	82.9
67	104.6	79.2	118.8
52	41.3	31.4	47.0

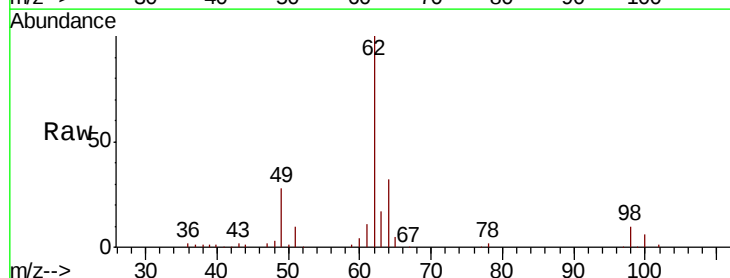


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

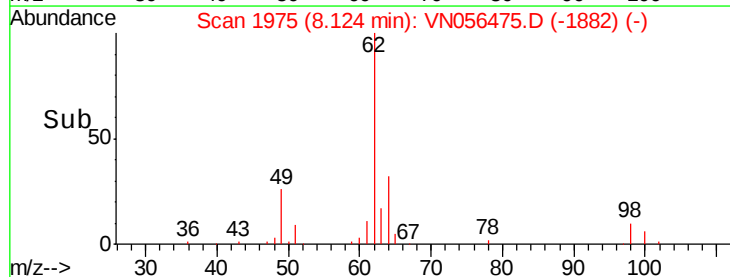
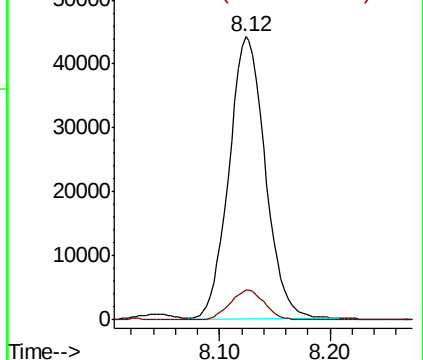


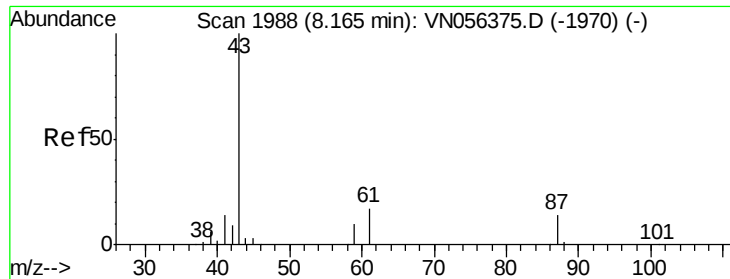
#42
1,2-Dichloroethane
Concen: 19.802 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

Tgt Ion:	62	Resp:	100817
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.4



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





#43

Isopropyl Acetate

Concen: 20.340 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056475.D

Acq: 25 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

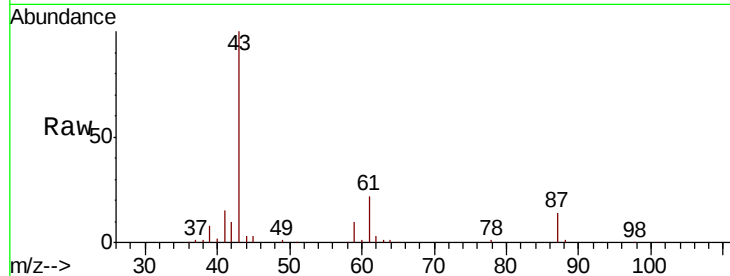
Tot Ion: 43 Resp: 154586

Ion Ratio Lower Upper

43 100

61 28.2 22.0 33.0

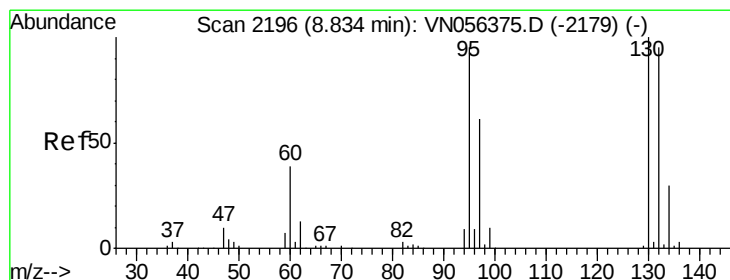
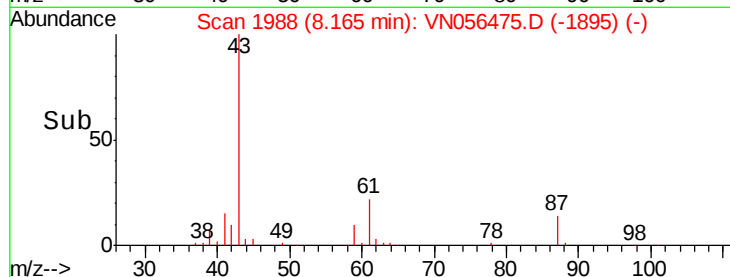
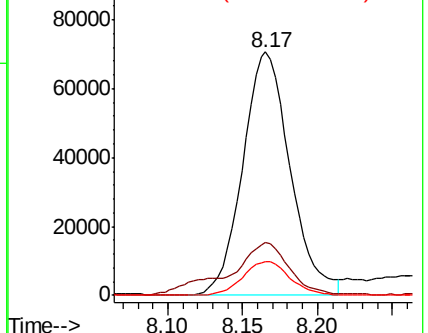
87 13.9 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 19.621 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056475.D

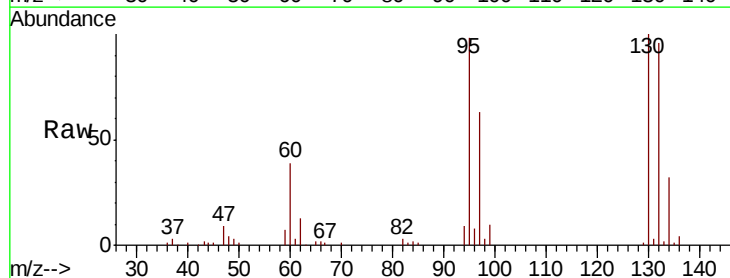
Acq: 25 Jun 2019 10:49

Tgt Ion: 130 Resp: 81538

Ion Ratio Lower Upper

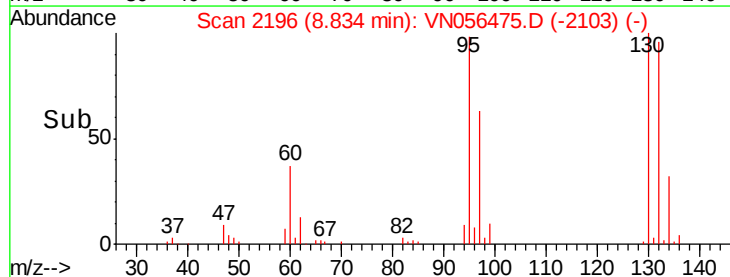
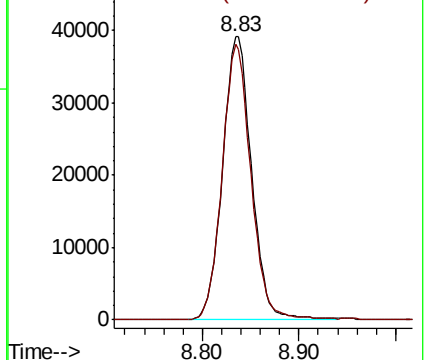
130 100

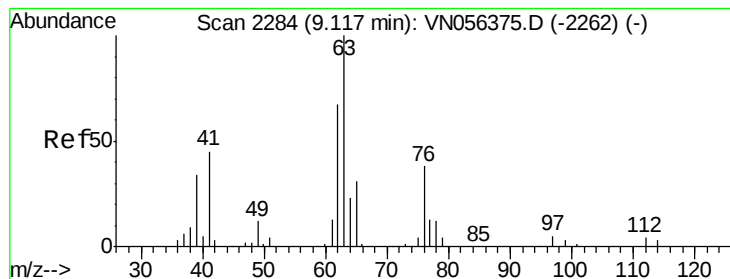
95 97.6 0.0 191.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 19.873 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN056475.D

Acq: 25 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

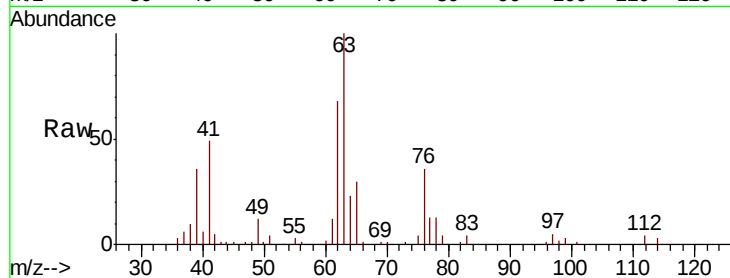
VN0625WBSD01

Tot Ion: 63 Resp: 81991

Ion Ratio Lower Upper

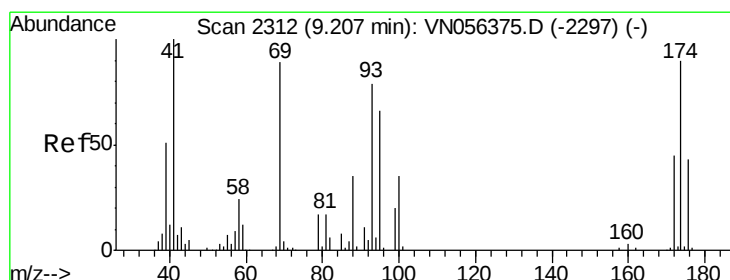
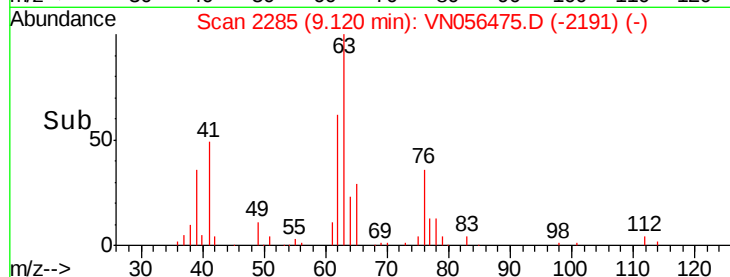
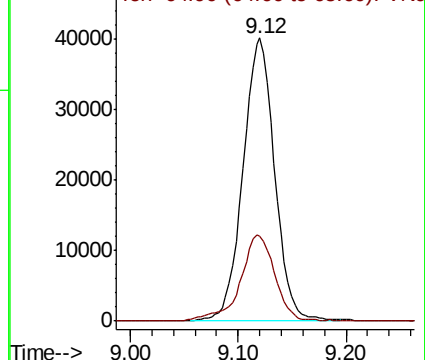
63 100

65 29.9 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.501 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN056475.D

Acq: 25 Jun 2019 10:49

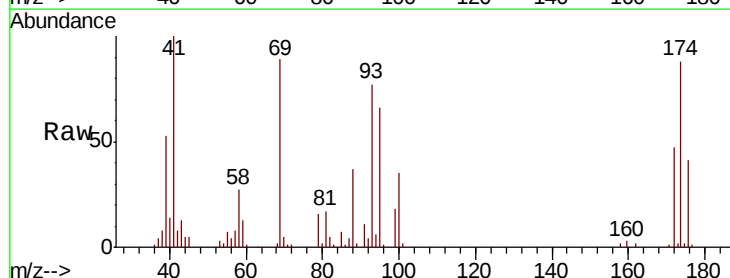
Tgt Ion: 93 Resp: 52920

Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.2

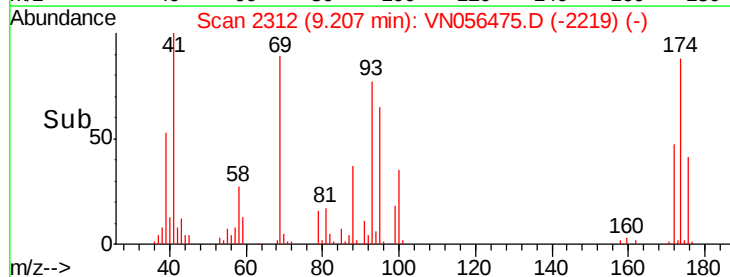
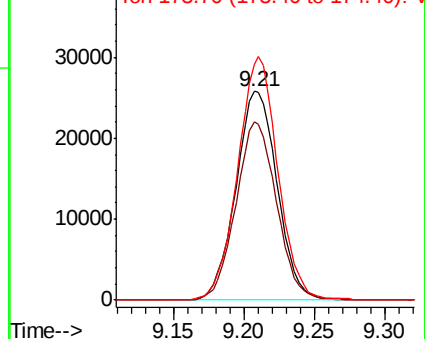
174 113.5 90.8 136.2



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.401 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056475.D

Acq: 25 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

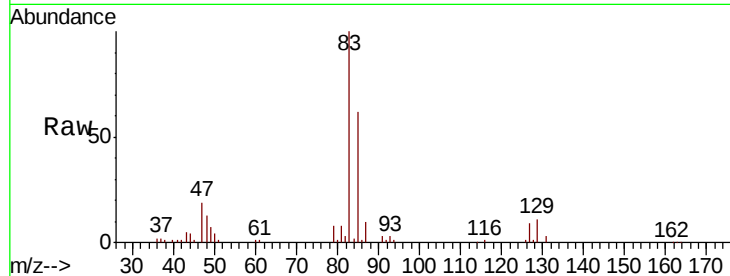
Tot Ion: 83 Resp: 93397

Ion Ratio Lower Upper

83 100

85 62.2 52.2 78.4

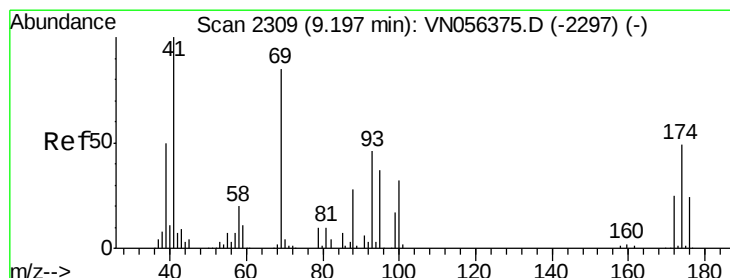
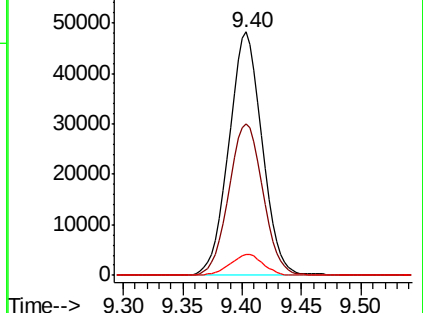
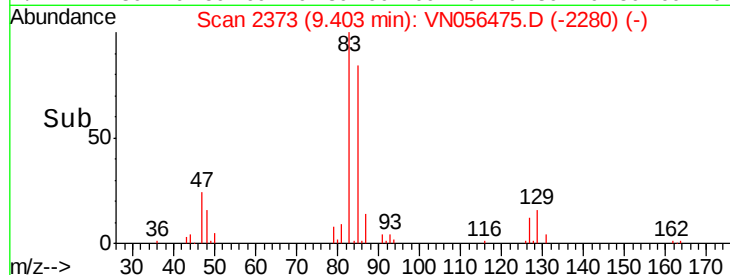
127 8.8 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 19.442 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056475.D

Acq: 25 Jun 2019 10:49

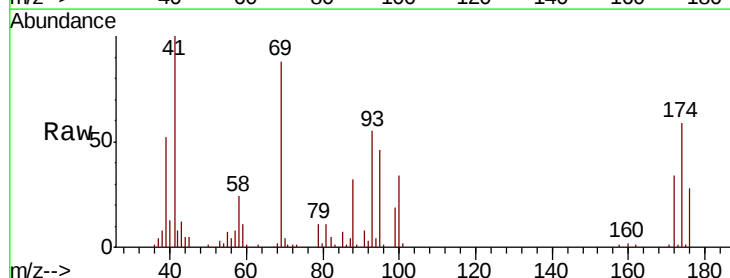
Tgt Ion: 41 Resp: 74045

Ion Ratio Lower Upper

41 100

69 93.1 72.6 109.0

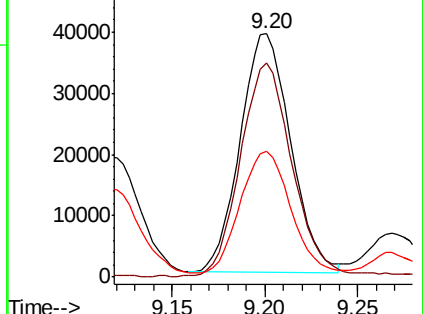
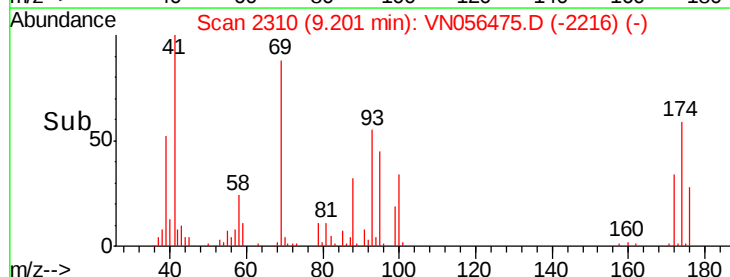
39 54.8 42.6 63.8

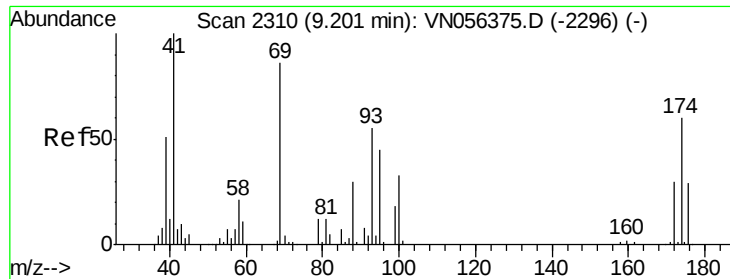


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

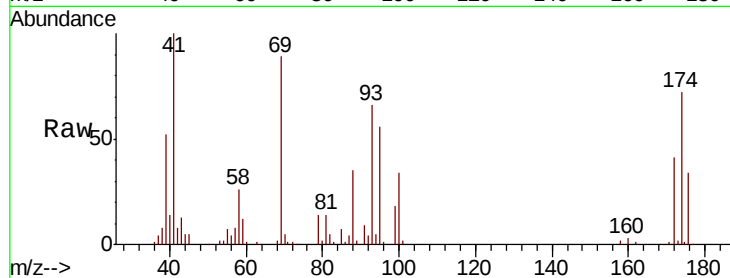




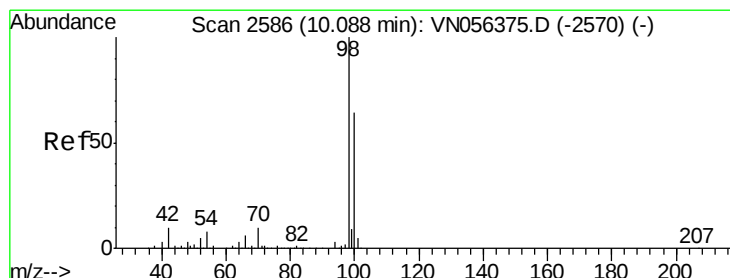
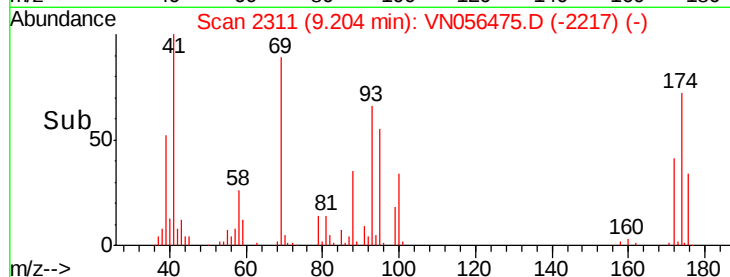
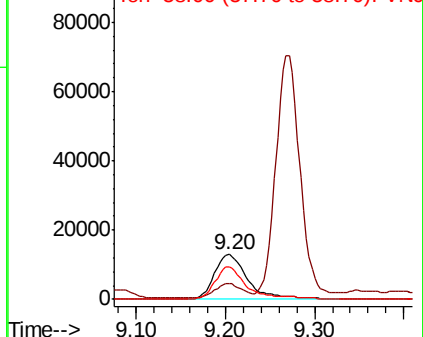
#49
1,4-Dioxane
Concen: 429.651 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

Tot Ion: 88 Resp: 33958
Ion Ratio Lower Upper
88 100
43 25.3 22.0 33.0
58 70.0 51.8 77.8

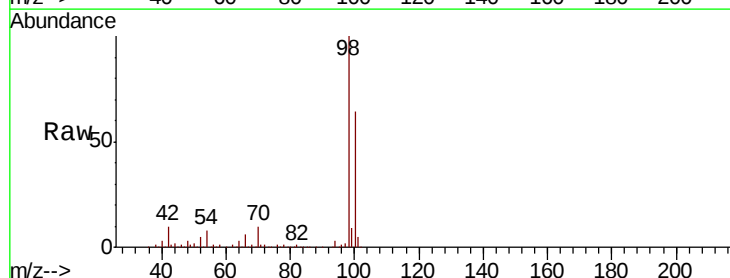


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

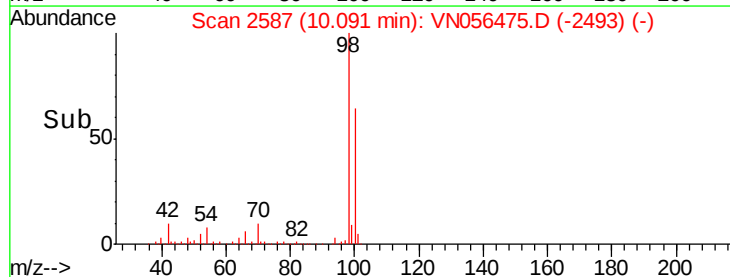
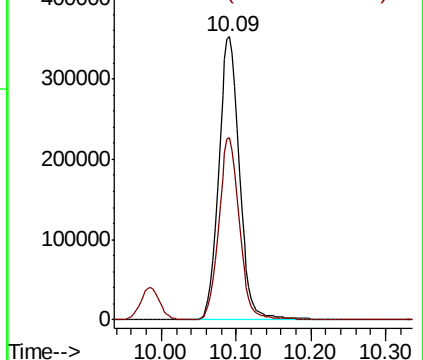


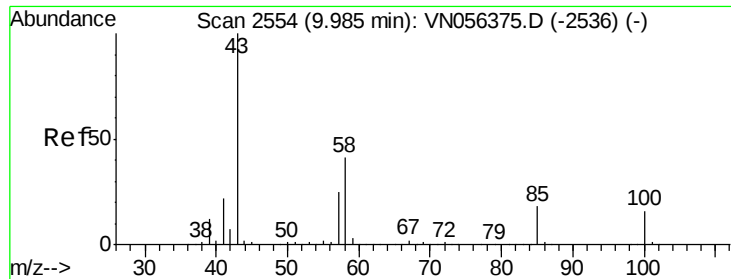
#50
Toluene-d8
Concen: 48.826 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

Tgt Ion: 98 Resp: 675349
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 101.228 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056475.D

Acq: 25 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

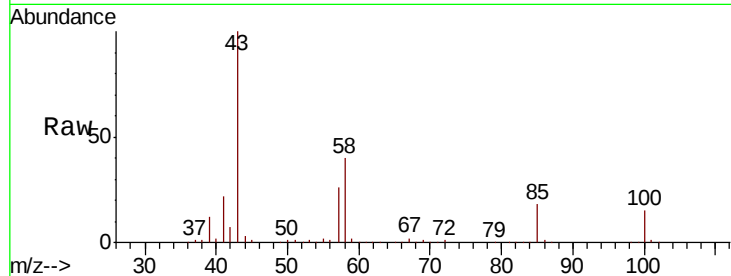
VN0625WBSD01

Tot Ion: 43 Resp: 496561

Ion Ratio Lower Upper

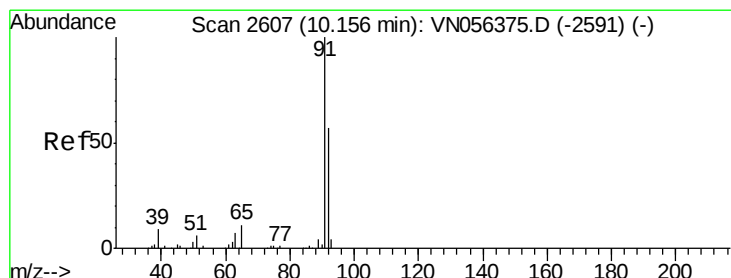
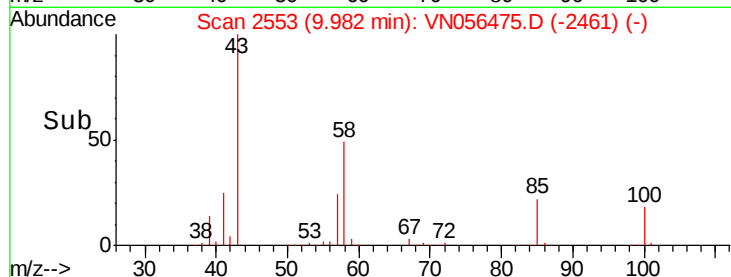
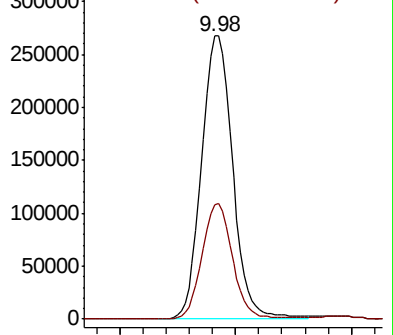
43 100

58 40.2 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.663 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056475.D

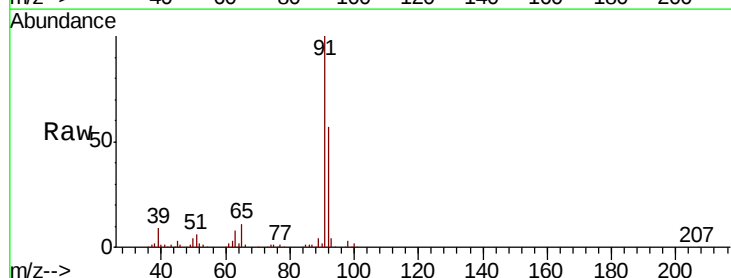
Acq: 25 Jun 2019 10:49

Tgt Ion: 92 Resp: 185462

Ion Ratio Lower Upper

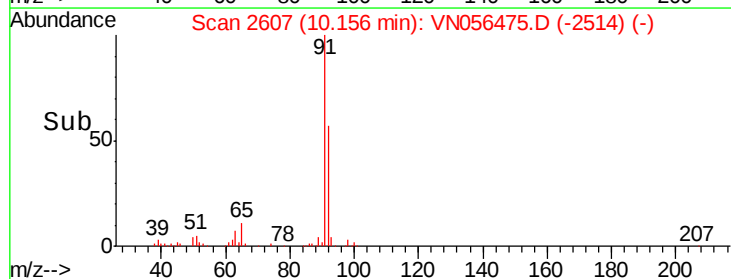
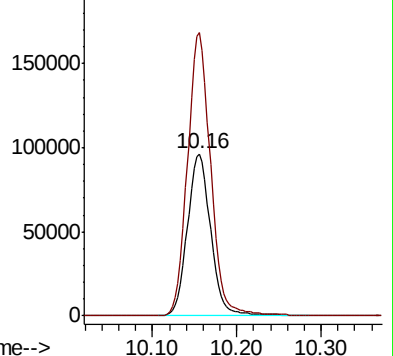
92 100

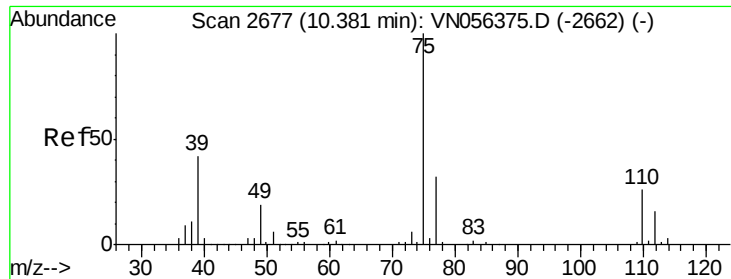
91 173.5 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 19.627 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056475.D

Acq: 25 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

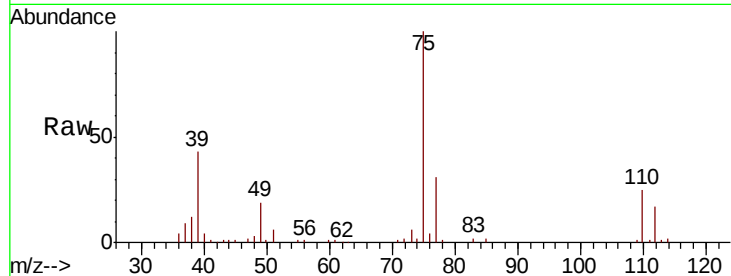
VN0625WBSD01

Tot Ion: 75 Resp: 94714

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

60000

50000

40000

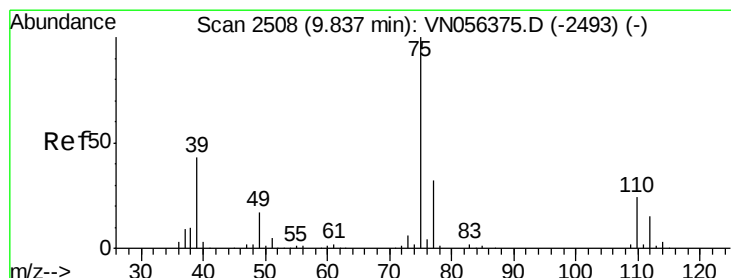
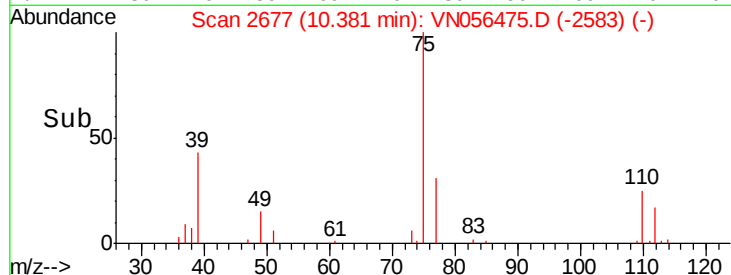
30000

20000

10000

0

Time--> 10.30 10.35 10.40 10.45



#54

cis-1,3-Dichloropropene

Concen: 20.607 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN056475.D

Acq: 25 Jun 2019 10:49

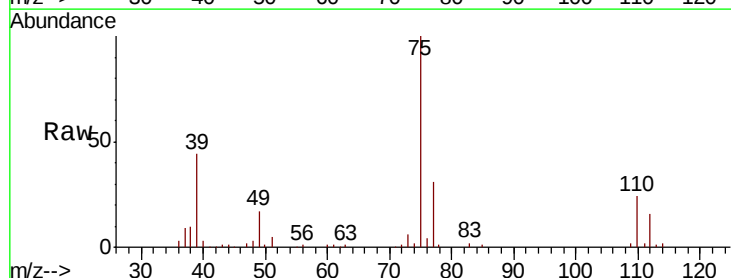
Tgt Ion: 75 Resp: 113607

Ion Ratio Lower Upper

75 100

77 31.0 25.2 37.8

39 44.4 34.2 51.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

80000

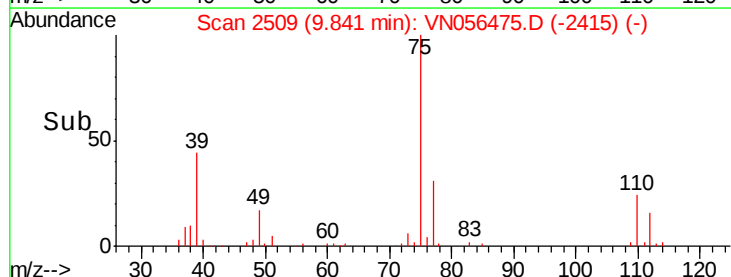
60000

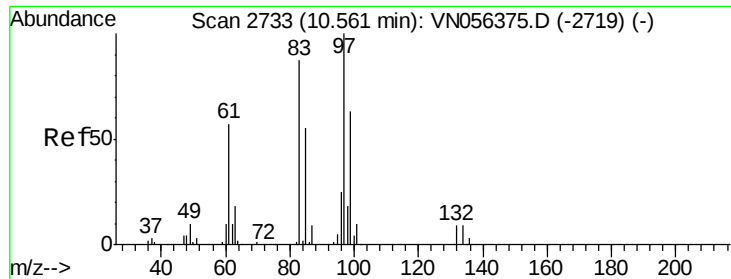
40000

20000

0

Time--> 9.75 9.80 9.85 9.90 9.95

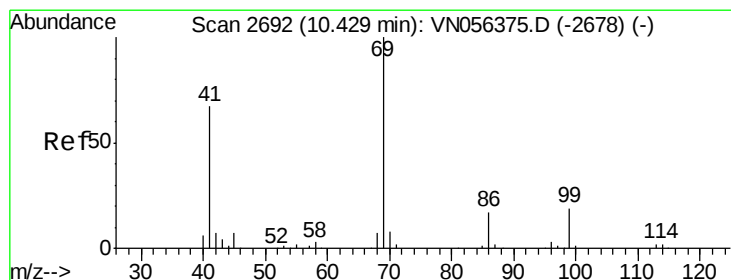
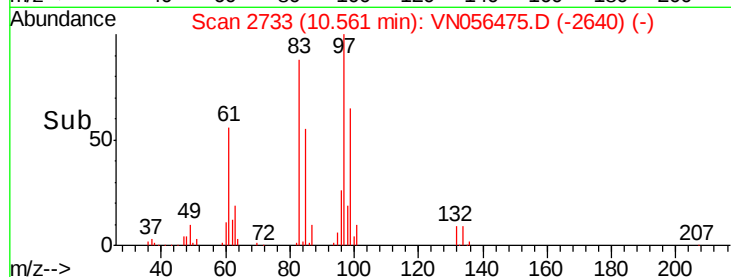
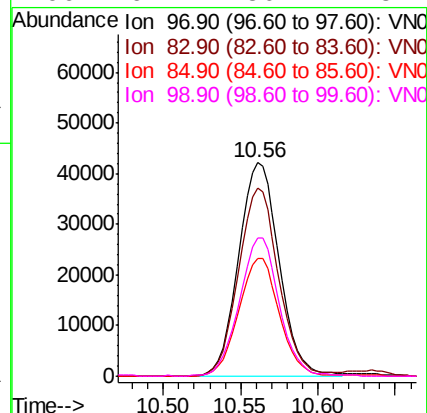
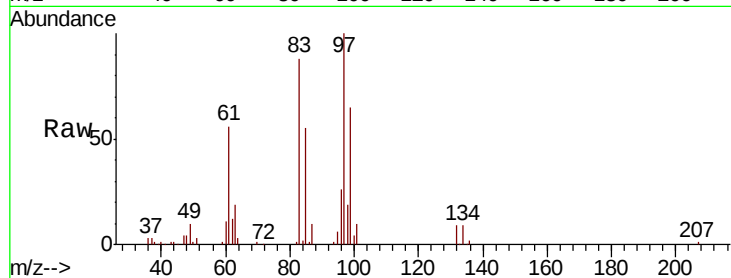




#55
 1,1,2-Trichloroethane
 Concen: 20.267 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056475.D
 Acq: 25 Jun 2019 10:49

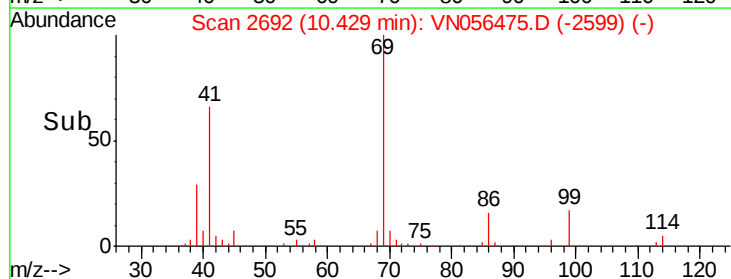
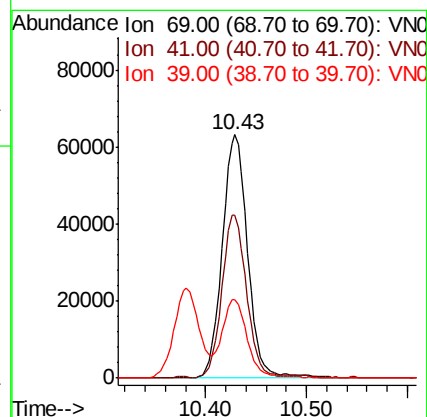
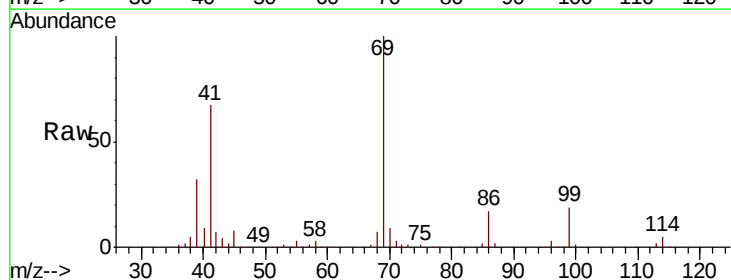
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

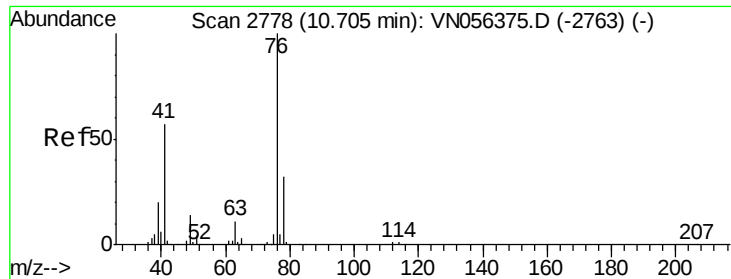
Tot Ion: 97 Resp: 76839
 Ion Ratio Lower Upper
 97 100
 83 87.9 69.8 104.6
 85 55.4 43.8 65.8
 99 64.4 50.2 75.2



#56
 Ethyl methacrylate
 Concen: 20.031 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056475.D
 Acq: 25 Jun 2019 10:49

Tgt Ion: 69 Resp: 110982
 Ion Ratio Lower Upper
 69 100
 41 65.5 51.4 77.2
 39 31.3 24.7 37.1





#57

1,3-Dichloropropane

Concen: 20.137 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056475.D

Acq: 25 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

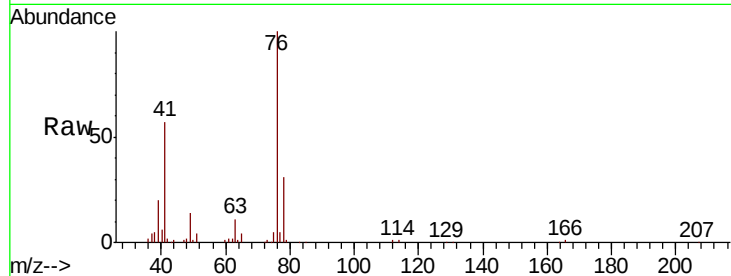
VN0625WBSD01

Tot Ion: 76 Resp: 128253

Ion Ratio Lower Upper

76 100

78 32.0 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

80000

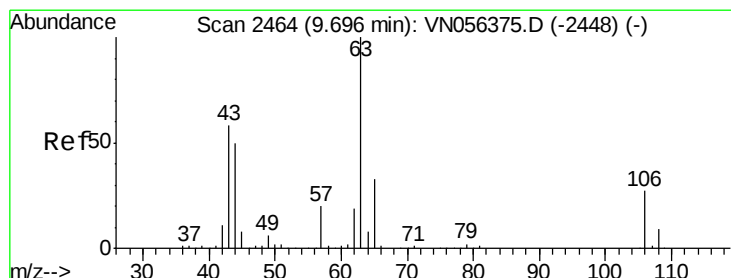
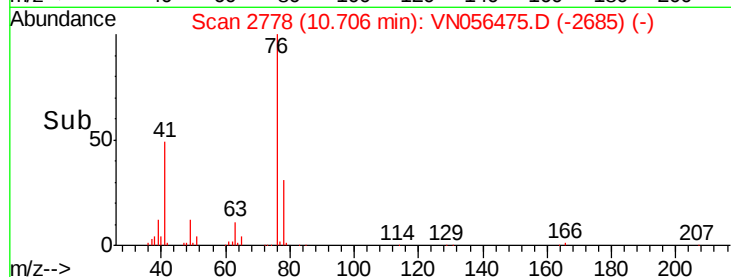
60000

40000

20000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 87.029 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN056475.D

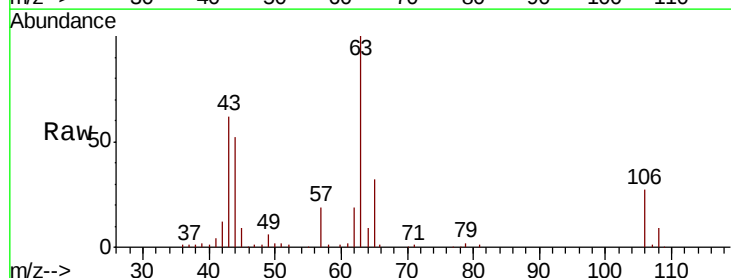
Acq: 25 Jun 2019 10:49

Tgt Ion: 63 Resp: 173228

Ion Ratio Lower Upper

63 100

106 26.3 21.6 32.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

100000

80000

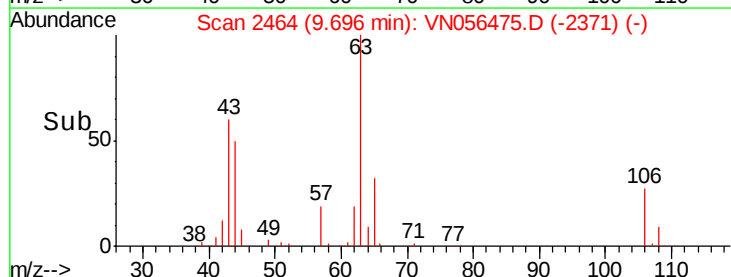
60000

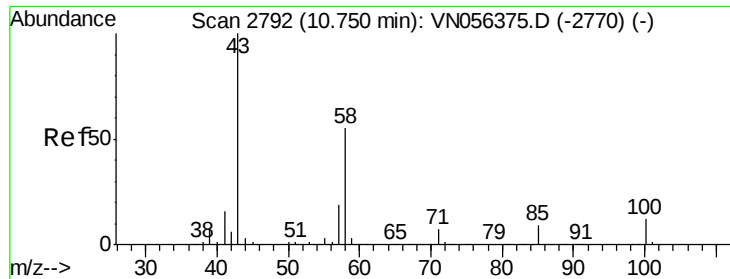
40000

20000

0

Time--> 9.60 9.70 9.80

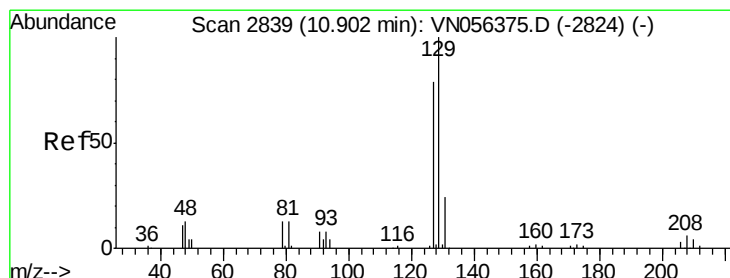
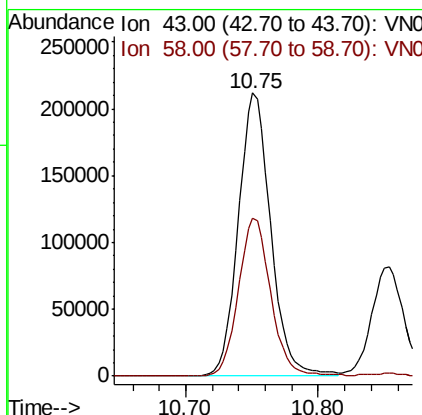
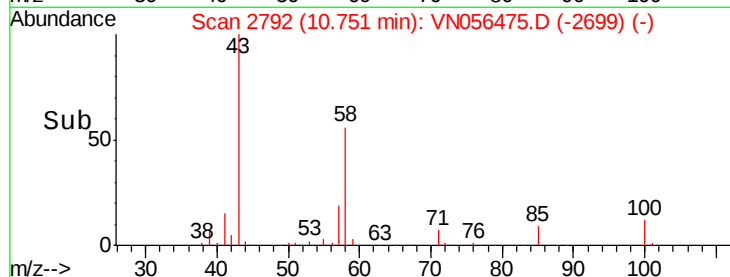
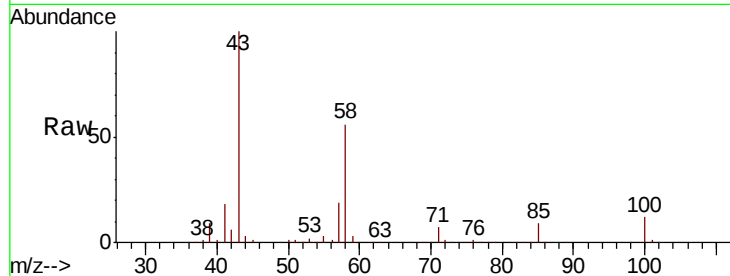




#59
2-Hexanone
Concen: 99.492 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

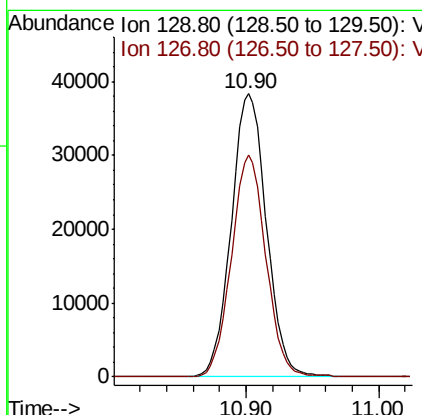
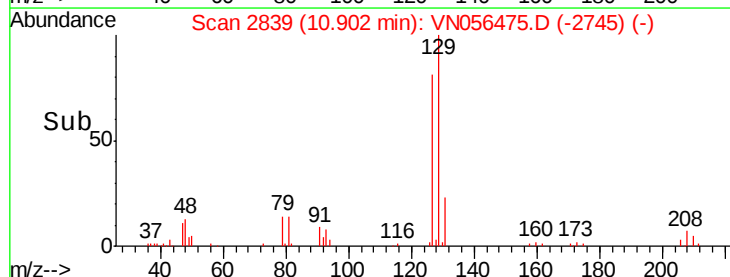
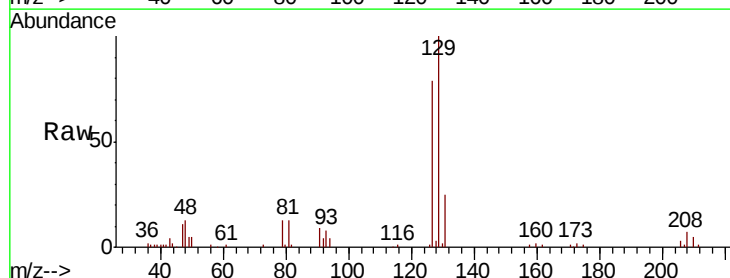
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

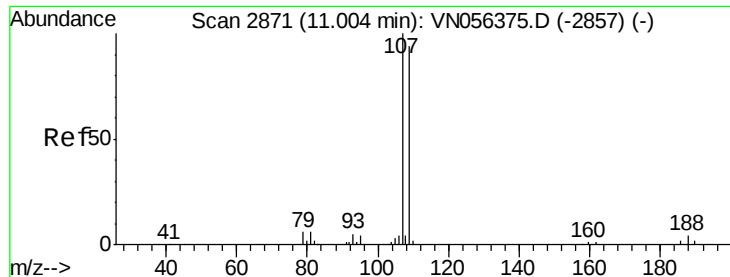
Tot Ion: 43 Resp: 358700
Ion Ratio Lower Upper
43 100
58 56.0 27.8 83.4



#60
Dibromochloromethane
Concen: 19.643 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

Tgt Ion: 129 Resp: 70631
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.7

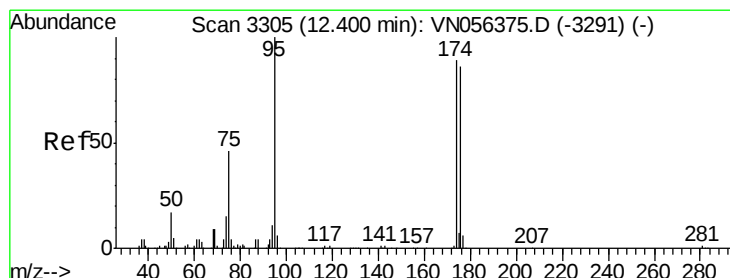
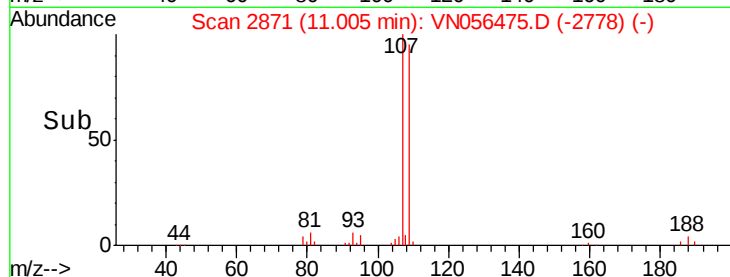
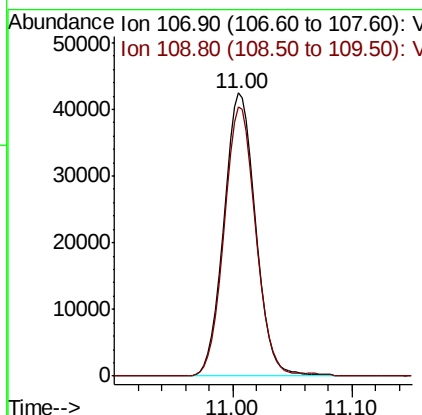
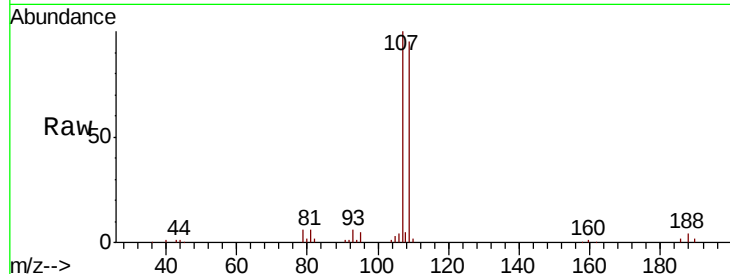




#61
 1,2-Dibromoethane
 Concen: 20.201 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN056475.D
 Acq: 25 Jun 2019 10:49

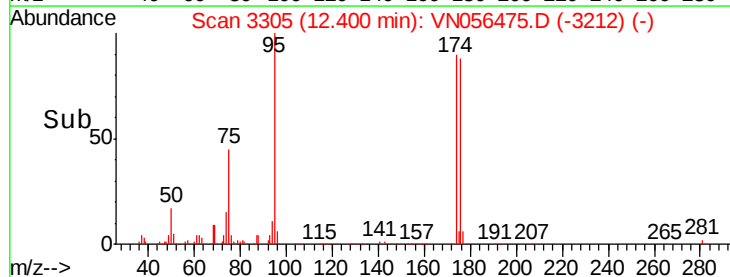
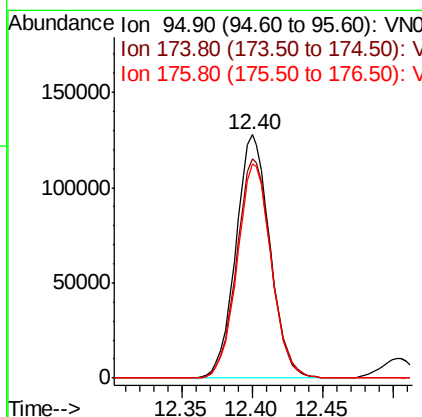
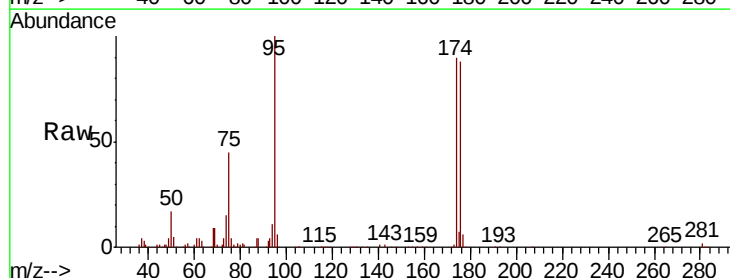
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

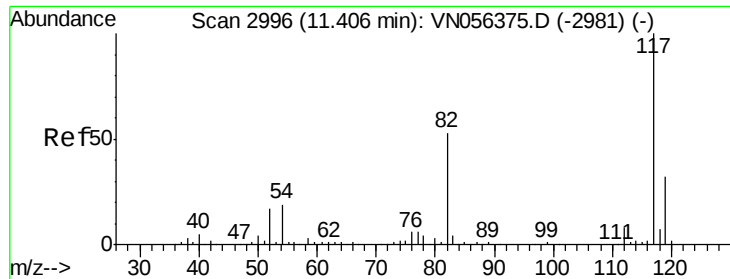
Tot Ion:107 Resp: 78220
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 46.819 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056475.D
 Acq: 25 Jun 2019 10:49

Tgt Ion: 95 Resp: 215879
 Ion Ratio Lower Upper
 95 100
 174 91.3 0.0 179.4
 176 88.0 0.0 173.4

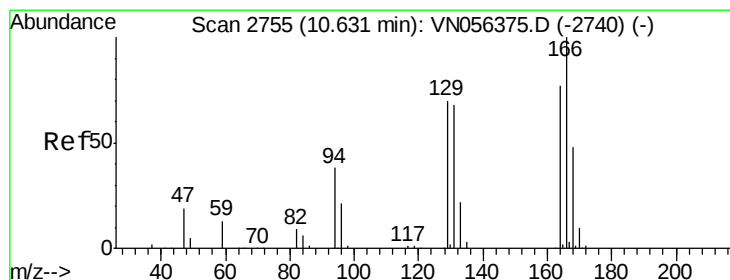
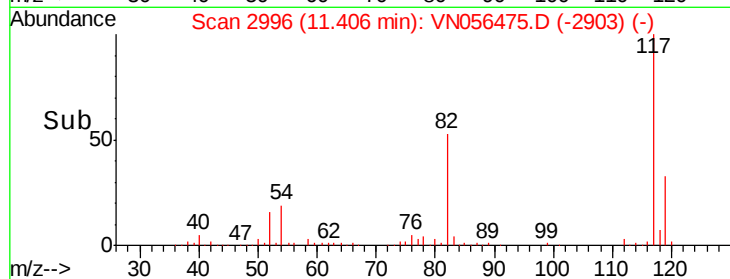
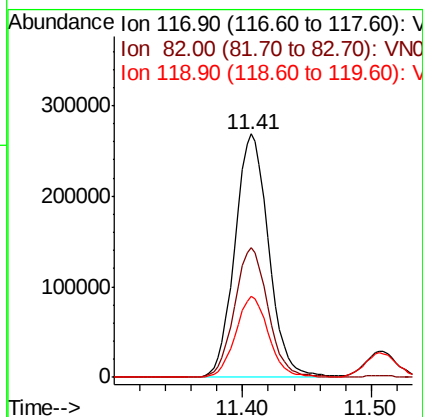
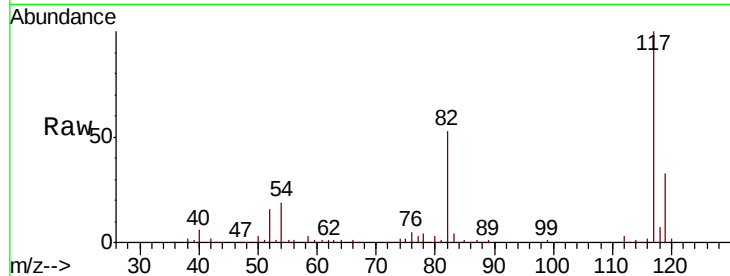




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

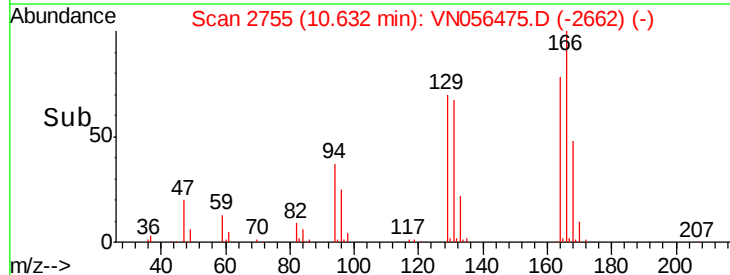
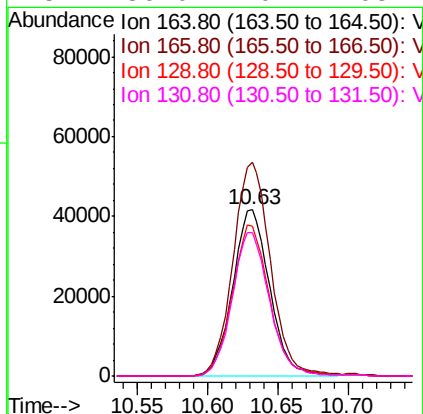
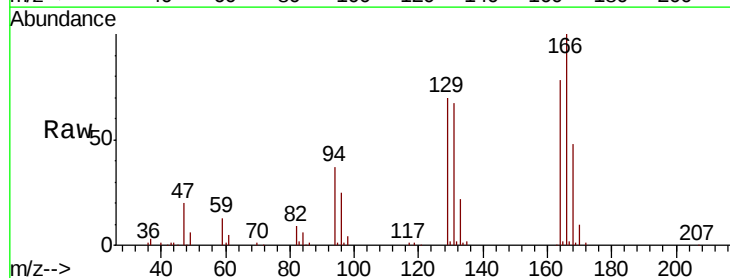
Instrument :
MSVOA_N
ClientSampled :
VN0625WBSD01

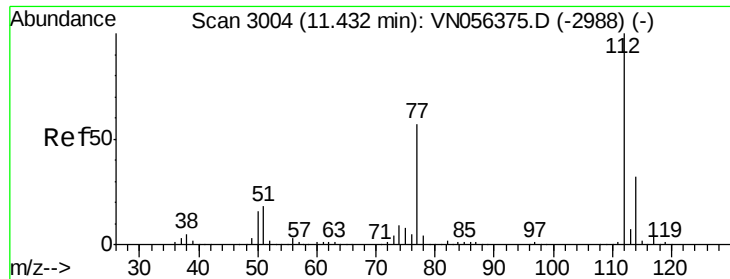
Tot Ion:117 Resp: 489956
Ion Ratio Lower Upper
117 100
82 53.1 42.0 63.0
119 33.1 25.3 37.9



#64
Tetrachloroethene
Concen: 19.739 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

Tgt Ion:164 Resp: 76587
Ion Ratio Lower Upper
164 100
166 128.7 103.4 155.0
129 90.1 72.0 108.0
131 86.0 70.2 105.2

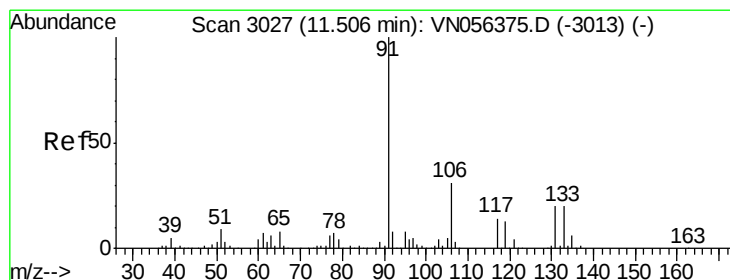
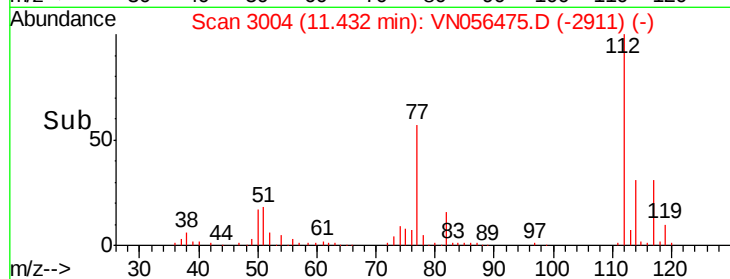
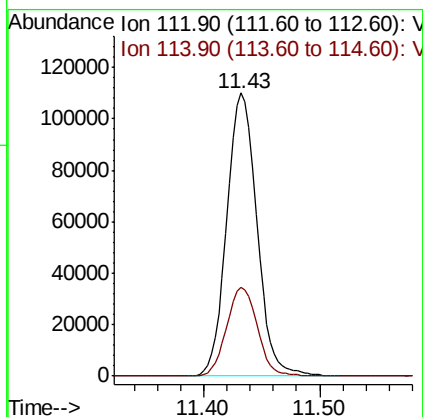
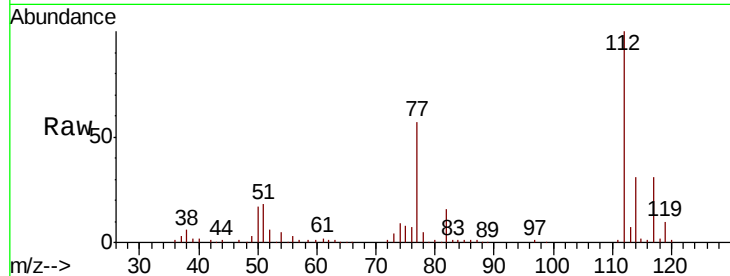




#65
Chlorobenzene
Concen: 20.105 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

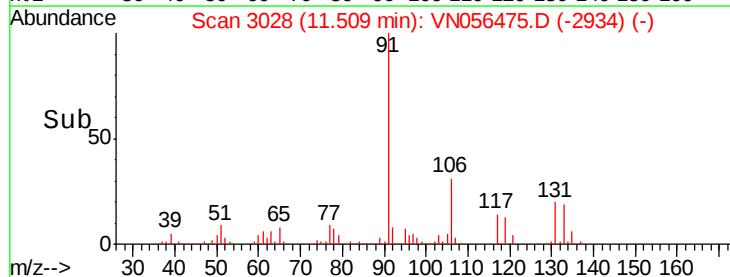
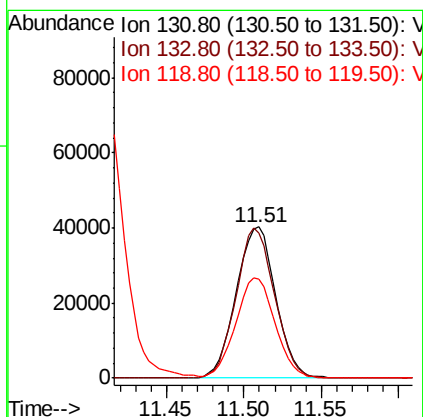
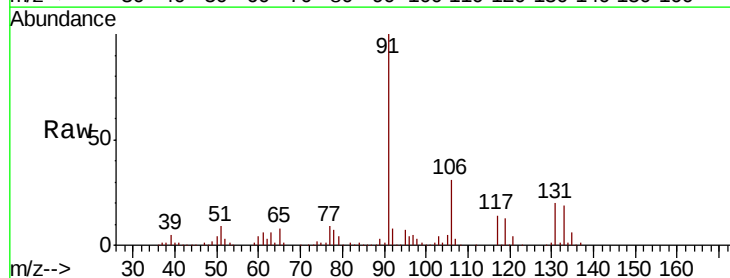
Instrument :
MSVOA_N
ClientSampled :
VN0625WBSD01

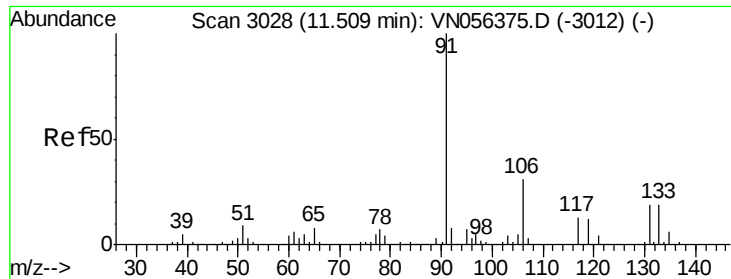
Tot Ion:112 Resp: 197931
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 21.490 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

Tgt Ion:131 Resp: 71504
Ion Ratio Lower Upper
131 100
133 97.0 47.4 142.2
119 66.1 32.8 98.4

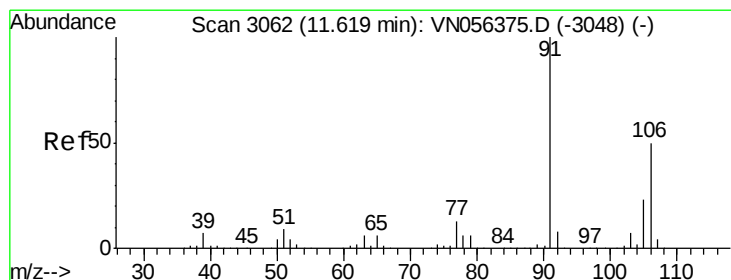
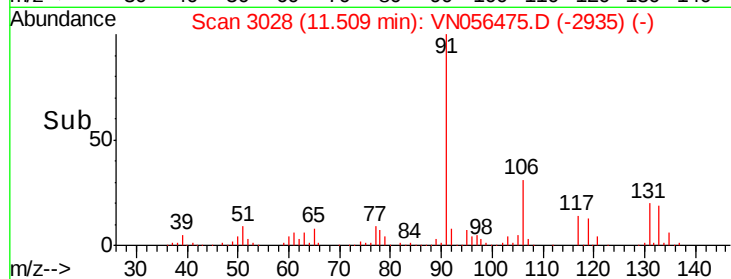
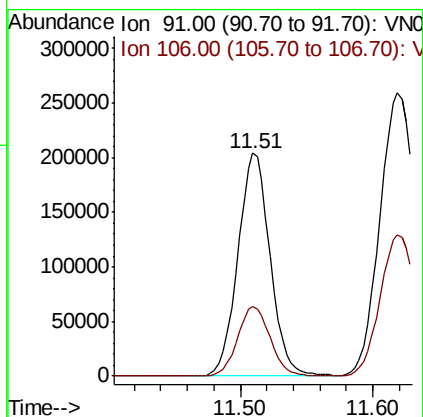
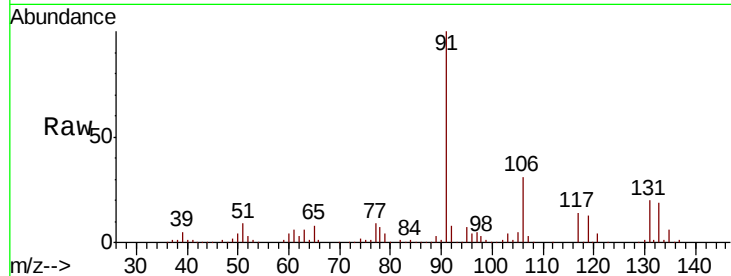




#67
Ethyl Benzene
Concen: 19.872 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

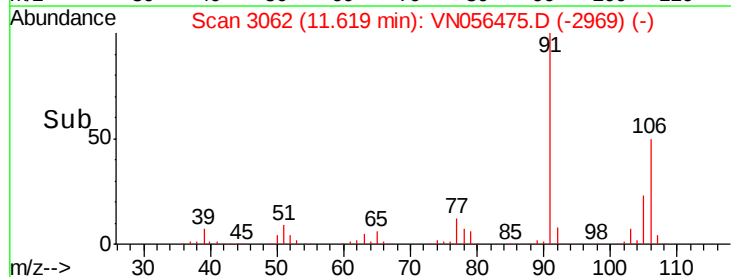
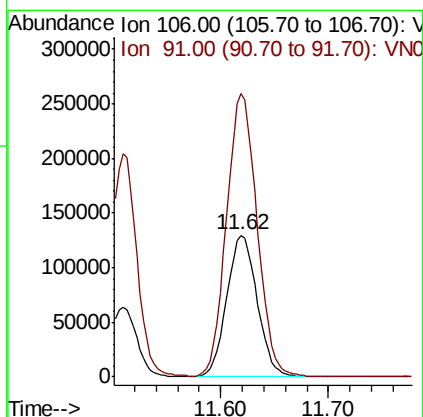
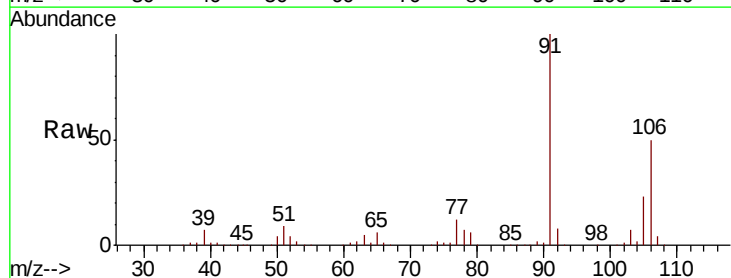
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

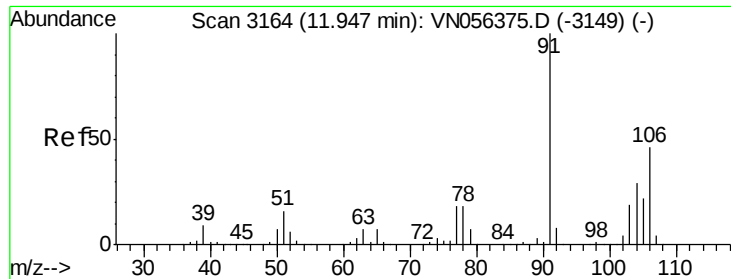
Tot Ion: 91 Resp: 343518
Ion Ratio Lower Upper
91 100
106 31.2 25.1 37.7



#68
m/p-Xylenes
Concen: 40.265 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

Tgt Ion: 106 Resp: 255081
Ion Ratio Lower Upper
106 100
91 200.7 160.1 240.1

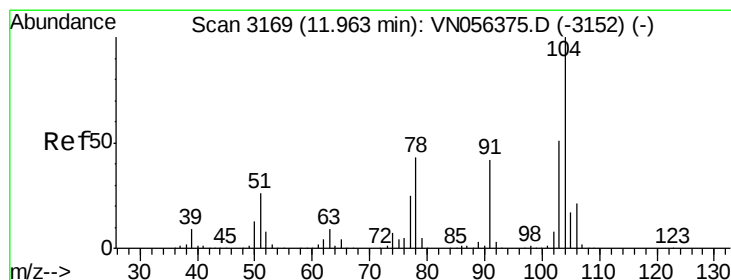
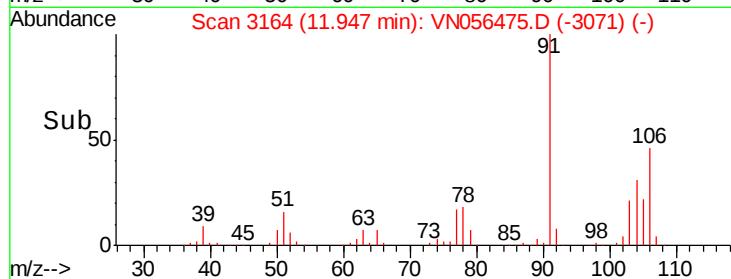
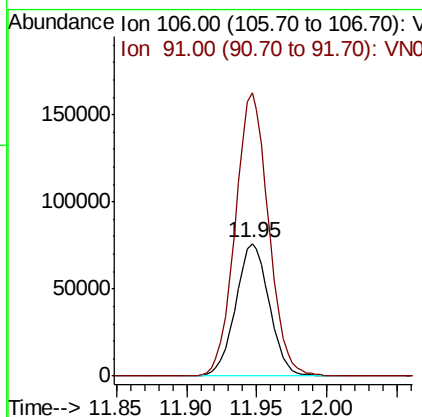
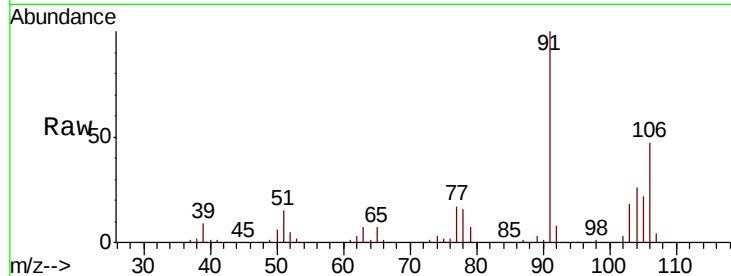




#69
o-Xylene
Concen: 20.299 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

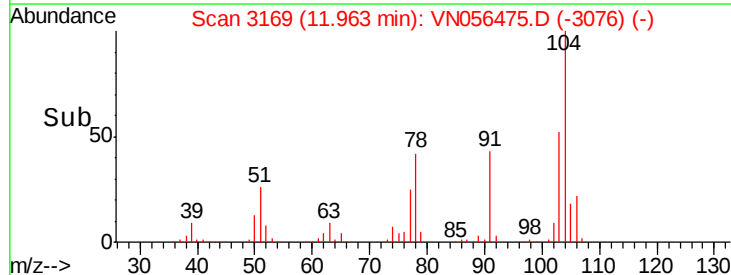
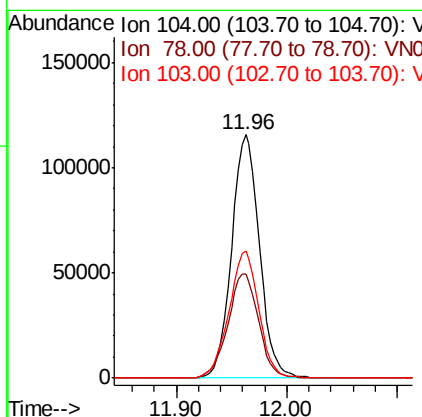
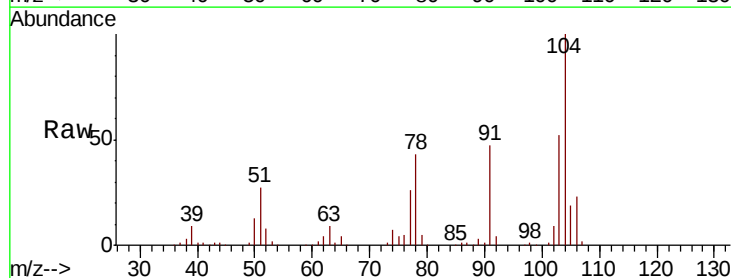
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

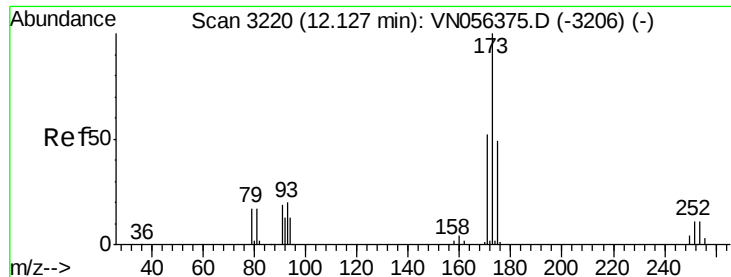
Tot Ion:106 Resp: 127225
Ion Ratio Lower Upper
106 100
91 211.8 107.1 321.3



#70
Styrene
Concen: 20.208 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

Tgt Ion:104 Resp: 202450
Ion Ratio Lower Upper
104 100
78 47.3 38.6 57.8
103 56.0 43.9 65.9

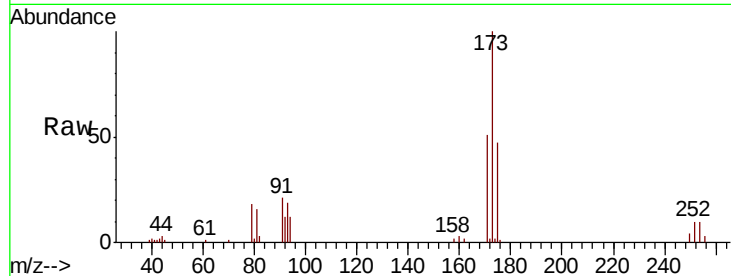




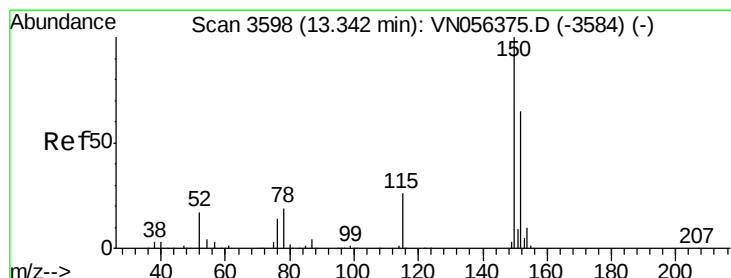
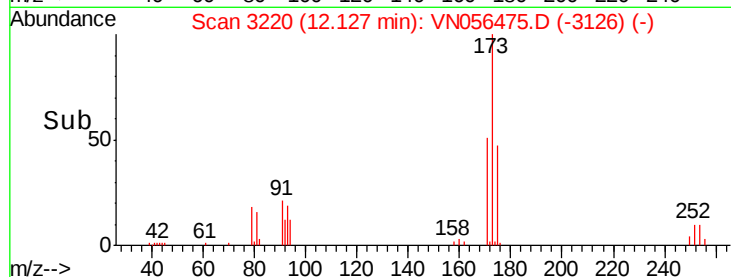
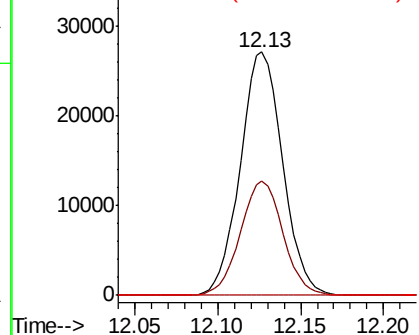
#71
 Bromoform
 Concen: 19.961 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. 0.00 min
 Lab File: VN056475.D
 Acq: 25 Jun 2019 10:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Tot Ion:173 Resp: 48174
 Ion Ratio Lower Upper
 173 100
 175 47.1 24.4 73.4
 254 0.0 0.0 0.0

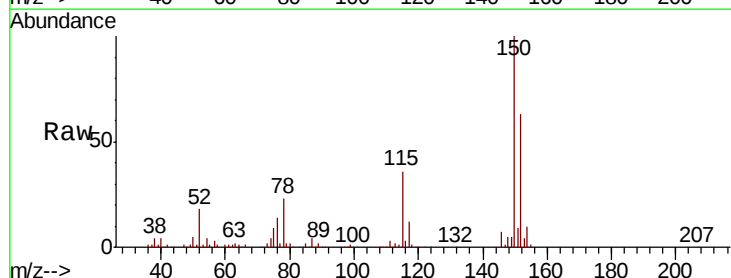


Abundance Ion 172.70 (172.40 to 173.40): V
 Ion 174.70 (174.40 to 175.40): V
 Ion 254.40 (254.10 to 255.10): V

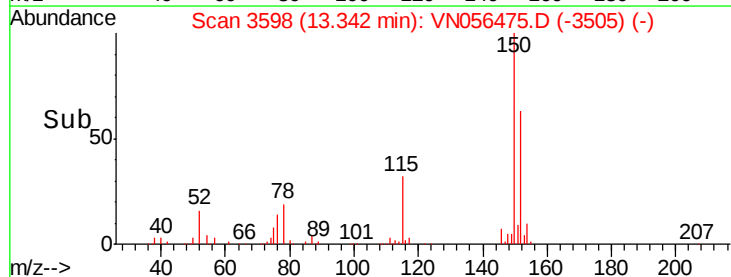
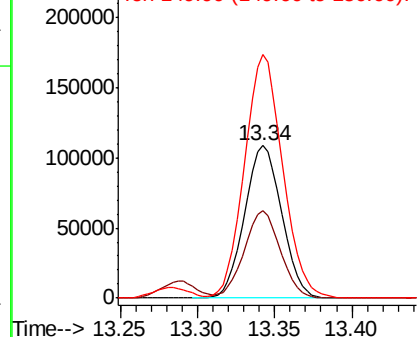


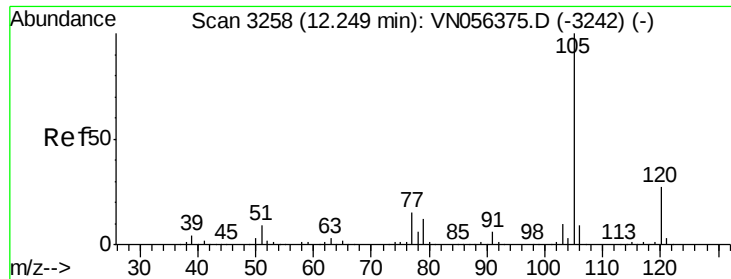
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN056475.D
 Acq: 25 Jun 2019 10:49

Tgt Ion:152 Resp: 182252
 Ion Ratio Lower Upper
 152 100
 115 55.8 28.1 84.4
 150 163.9 0.0 348.4



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





#73

Isopropylbenzene

Concen: 23.470 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056475.D

Acq: 25 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

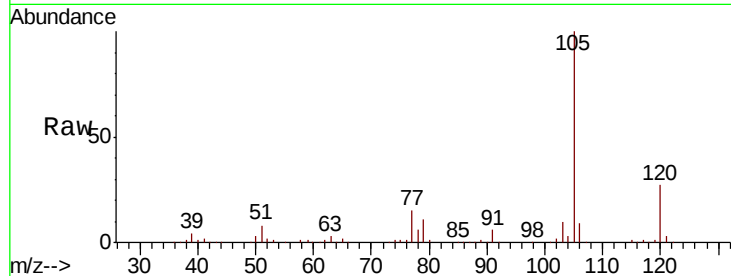
VN0625WBSD01

Tot Ion:105 Resp: 340796

Ion Ratio Lower Upper

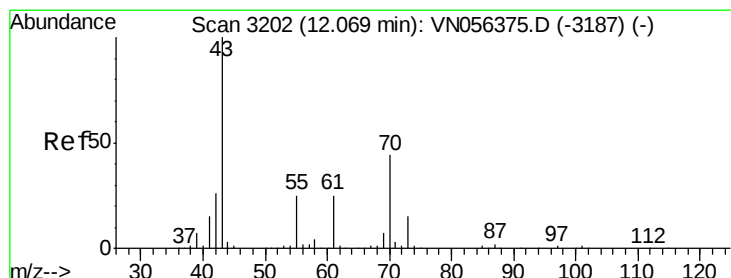
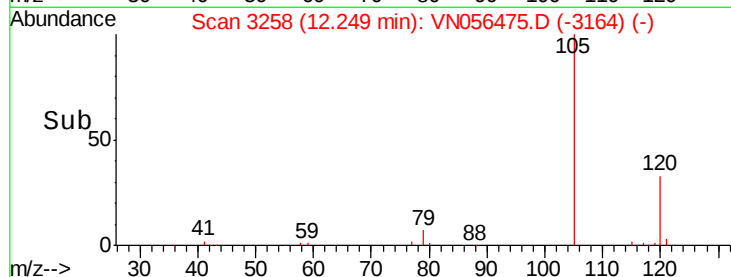
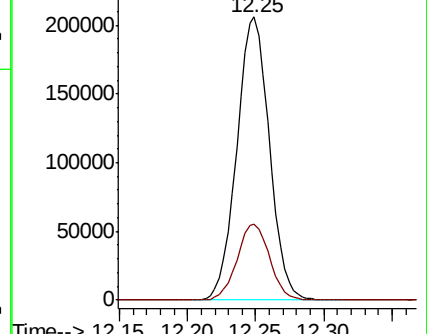
105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.545 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056475.D

Acq: 25 Jun 2019 10:49

Tgt Ion: 43 Resp: 124967

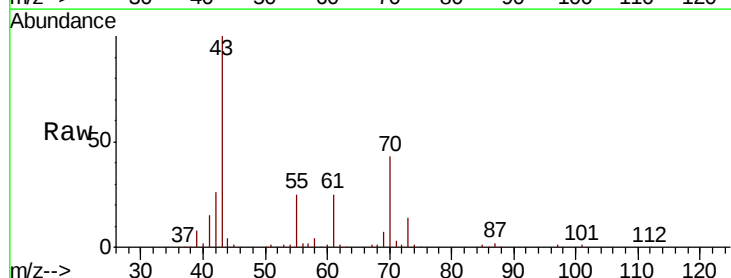
Ion Ratio Lower Upper

43 100

70 43.3 34.9 52.3

55 25.3 20.4 30.6

61 25.0 19.8 29.8

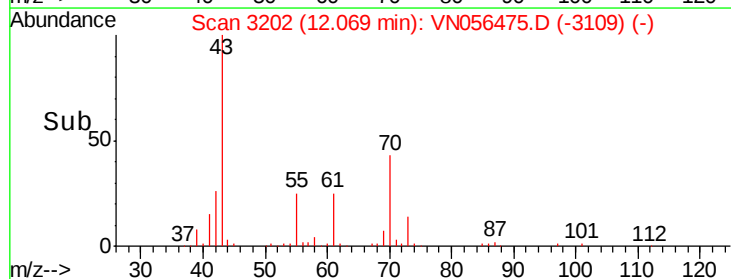
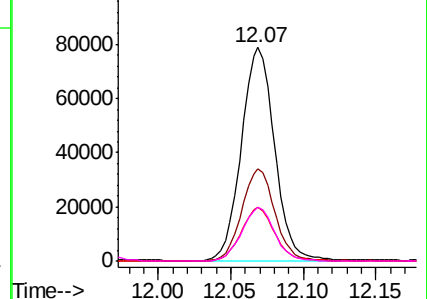


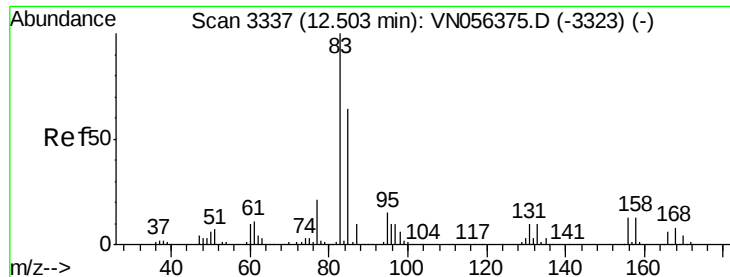
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 23.144 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056475.D

Acq: 25 Jun 2019 10:49

Instrument :

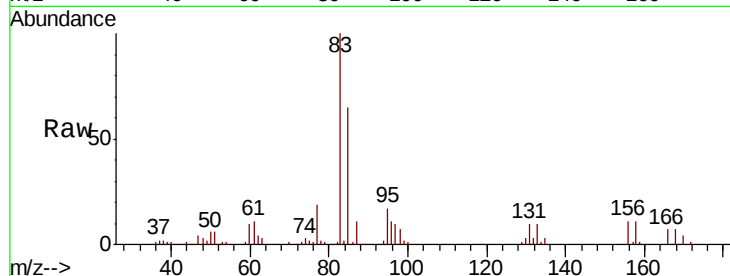
MSVOA_N

ClientSampleId :

VN0625WBSD01

Tot Ion: 83 Resp: 105079

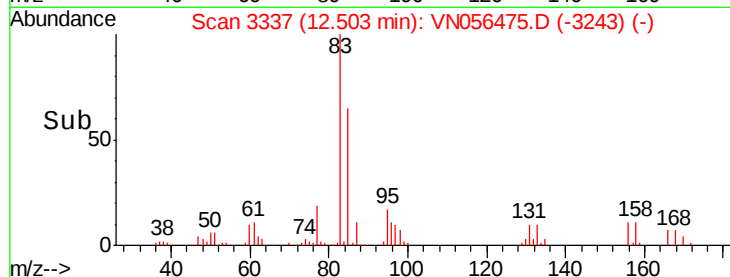
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.3	15.8
85	65.5	32.4	97.0



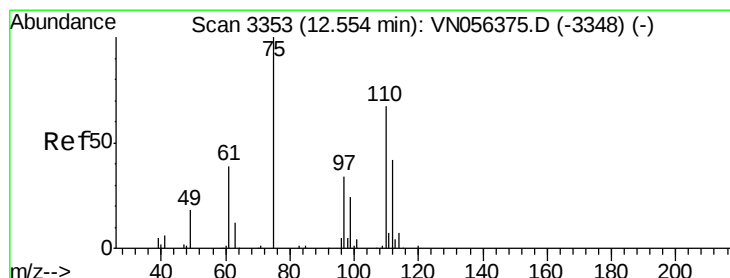
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



Time-->



#76

1,2,3-Trichloropropane

Concen: 31.892 ug/l

RT: 12.55 min Scan# 3353

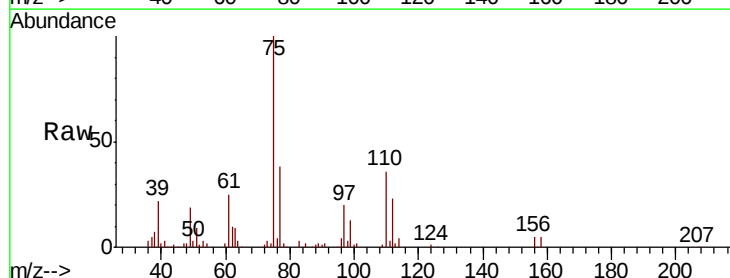
Delta R.T. 0.00 min

Lab File: VN056475.D

Acq: 25 Jun 2019 10:49

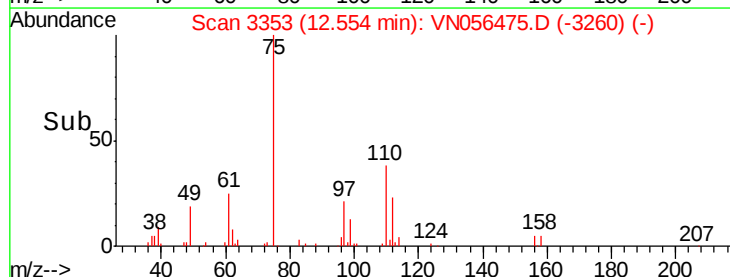
Tgt Ion: 75 Resp: 120519

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

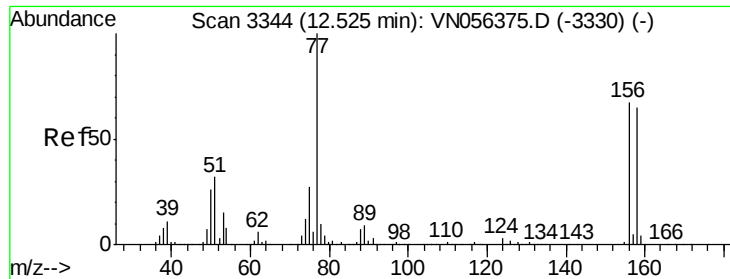


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



Time-->



#77

Bromobenzene

Concen: 20.885 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056475.D

Acq: 25 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

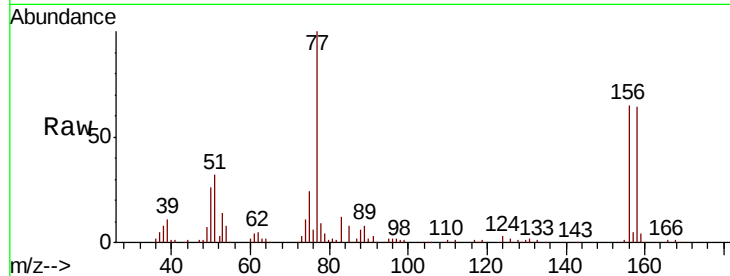
Tot Ion:156 Resp: 85111

Ion Ratio Lower Upper

156 100

77 188.8 92.5 277.3

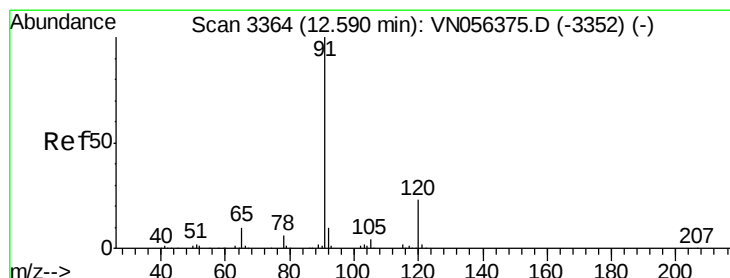
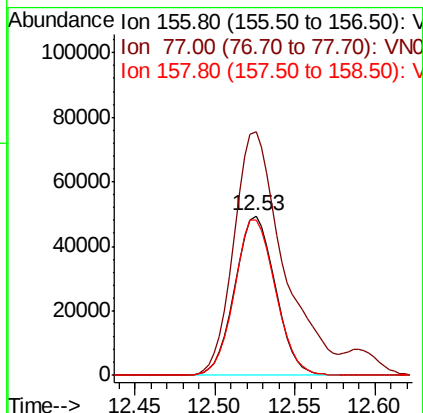
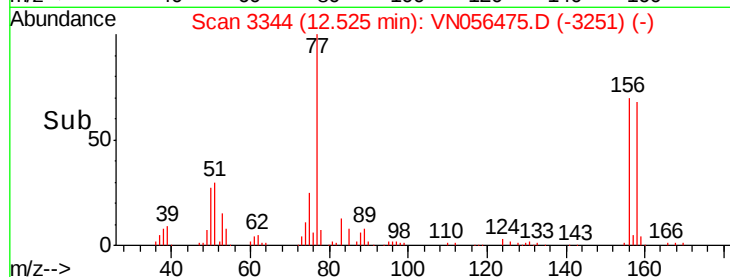
158 98.6 48.7 146.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.988 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056475.D

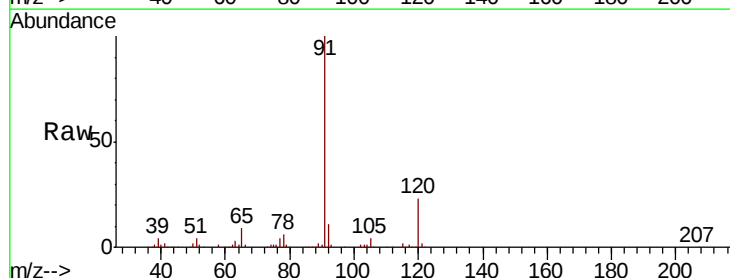
Acq: 25 Jun 2019 10:49

Tgt Ion: 91 Resp: 350295

Ion Ratio Lower Upper

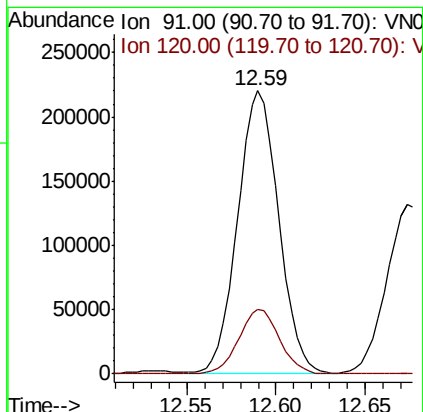
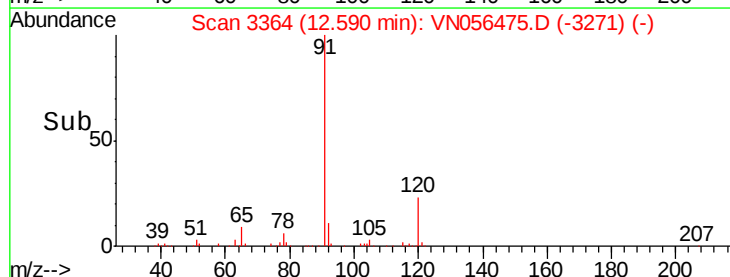
91 100

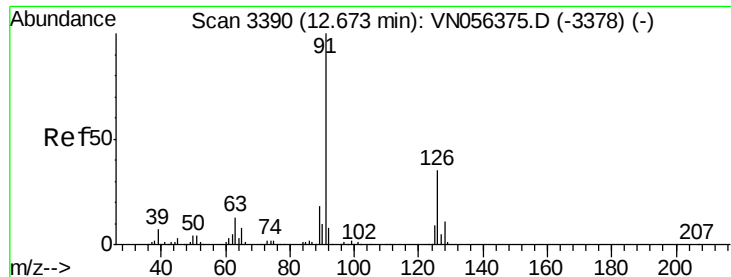
120 22.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.457 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056475.D

Acq: 25 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

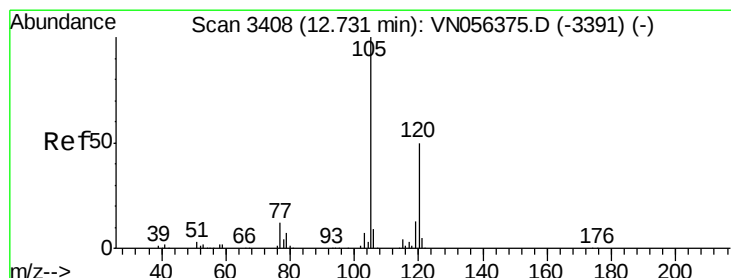
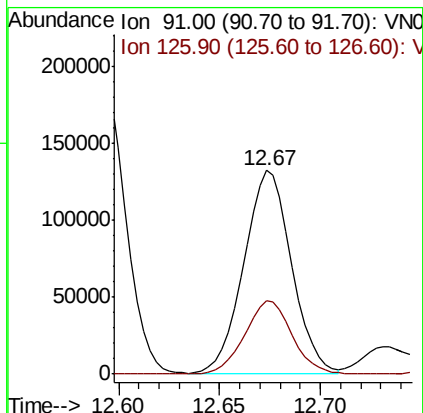
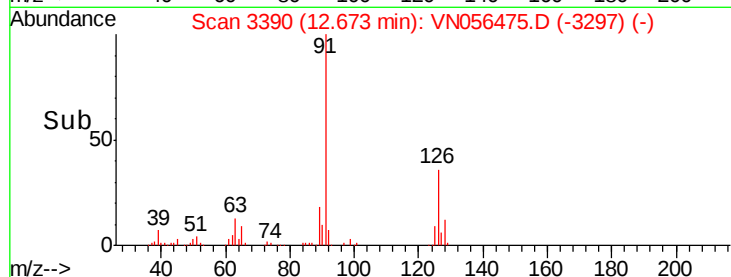
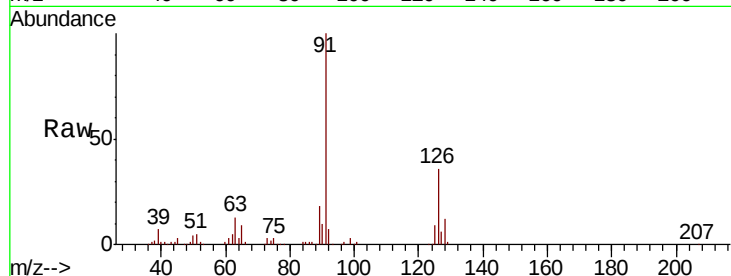
VN0625WBSD01

Tot Ion: 91 Resp: 218275

Ion Ratio Lower Upper

91 100

126 35.9 17.6 52.8



#80

1,3,5-Trimethylbenzene

Concen: 22.632 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056475.D

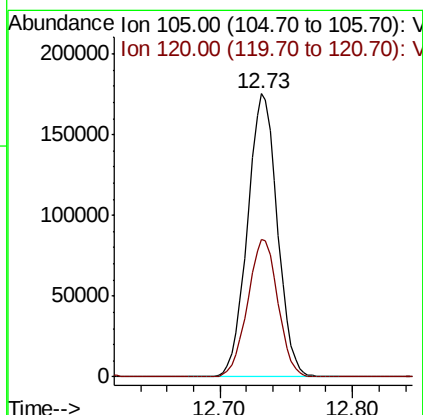
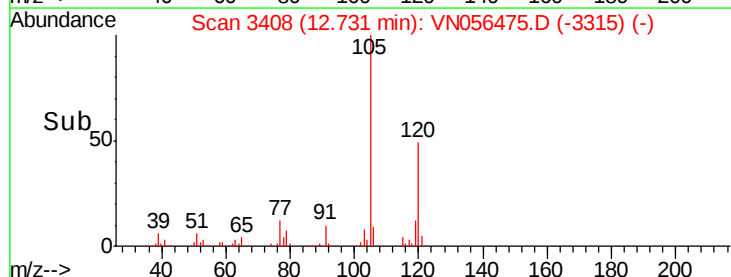
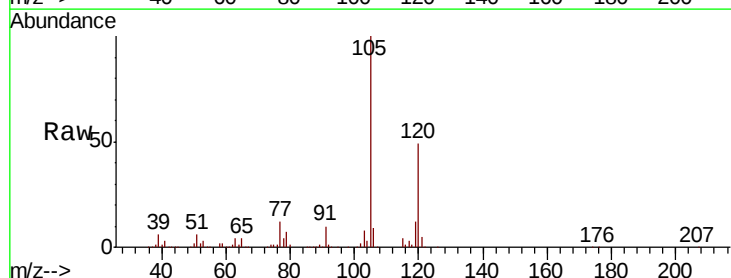
Acq: 25 Jun 2019 10:49

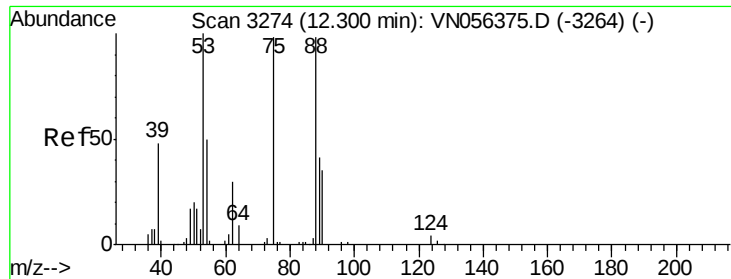
Tgt Ion: 105 Resp: 273775

Ion Ratio Lower Upper

105 100

120 49.2 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 21.927 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056475.D

Acq: 25 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

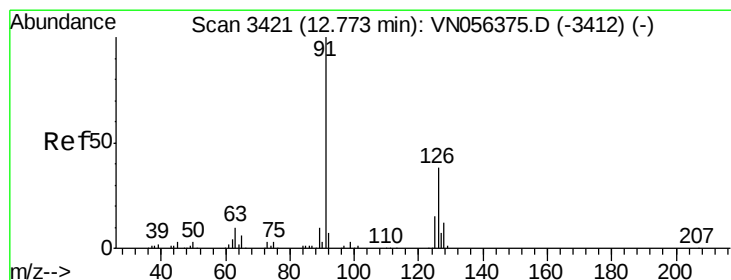
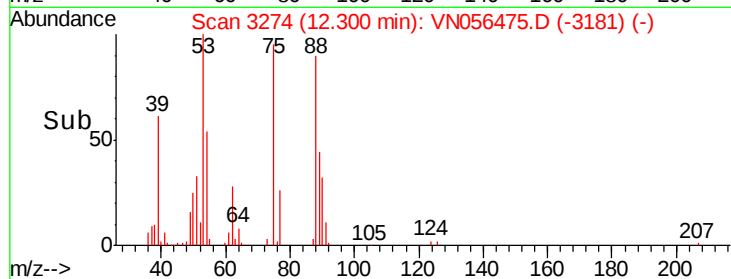
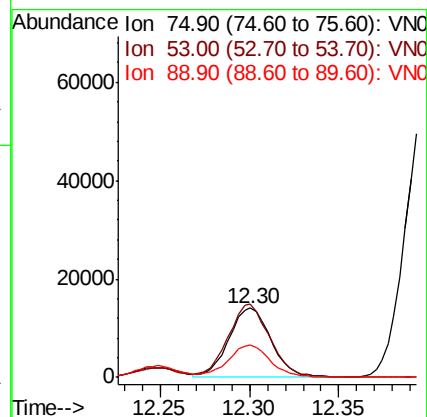
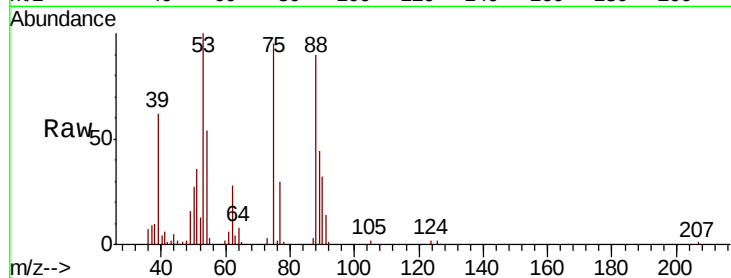
Tot Ion: 75 Resp: 23314

Ion Ratio Lower Upper

75 100

53 104.4 83.9 125.9

89 46.0 35.0 52.6



#82

4-Chlorotoluene

Concen: 20.419 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056475.D

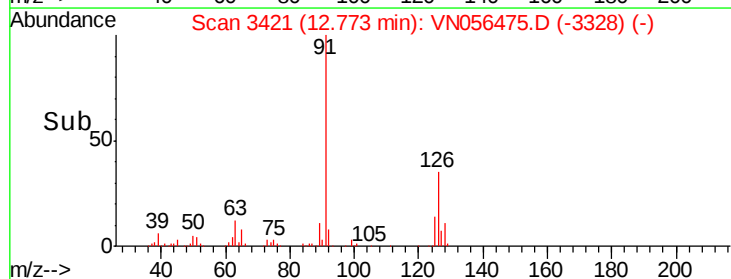
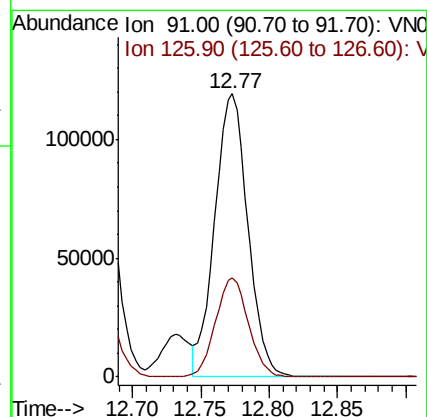
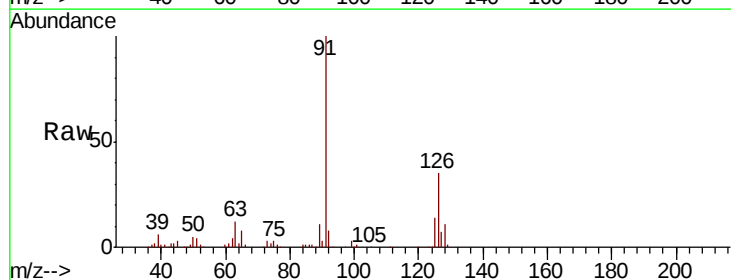
Acq: 25 Jun 2019 10:49

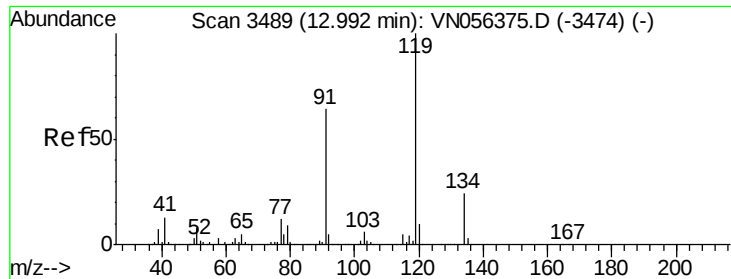
Tgt Ion: 91 Resp: 201218

Ion Ratio Lower Upper

91 100

126 34.7 17.3 52.0

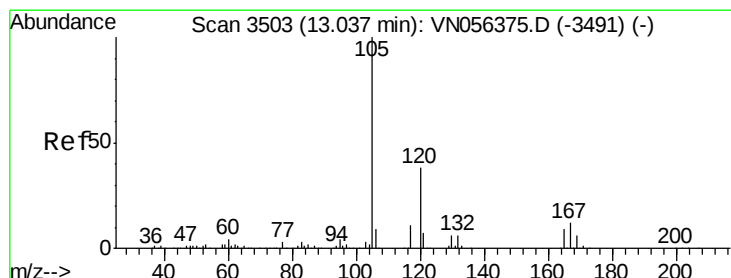
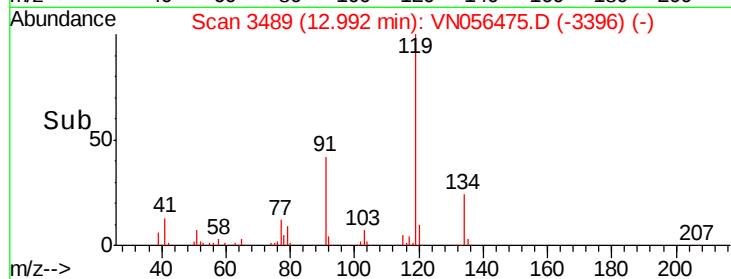
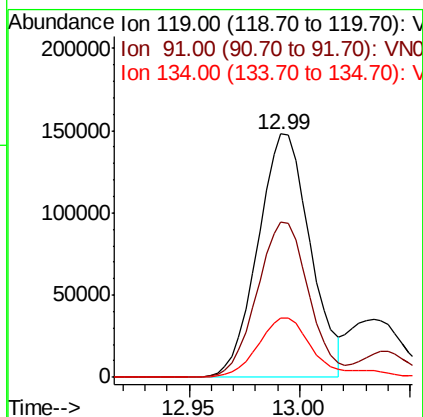
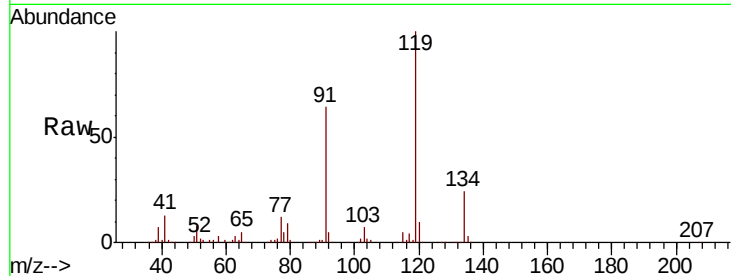




#83
 tert-Butylbenzene
 Concen: 22.826 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056475.D
 Acq: 25 Jun 2019 10:49

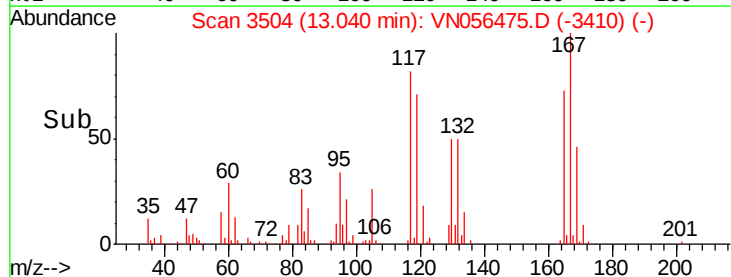
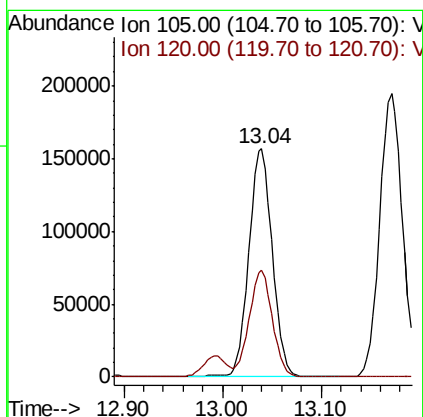
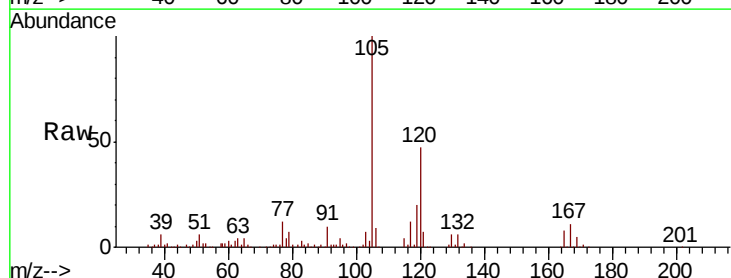
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

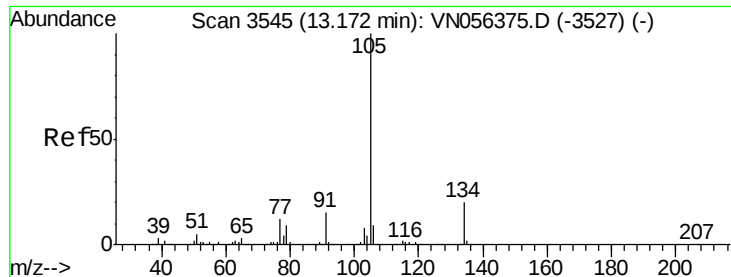
Tot Ion:119 Resp: 243128
 Ion Ratio Lower Upper
 119 100
 91 63.2 31.6 94.7
 134 26.6 13.2 39.5



#84
 1,2,4-Trimethylbenzene
 Concen: 20.908 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056475.D
 Acq: 25 Jun 2019 10:49

Tgt Ion:105 Resp: 256528
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.9 68.8

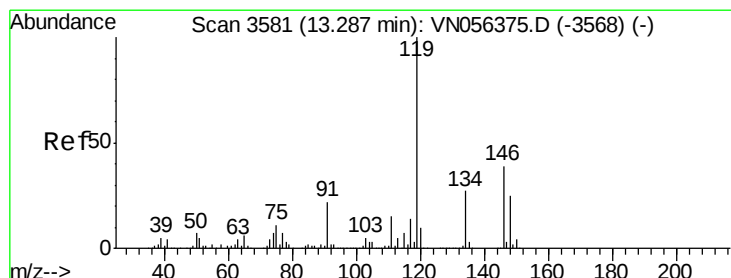
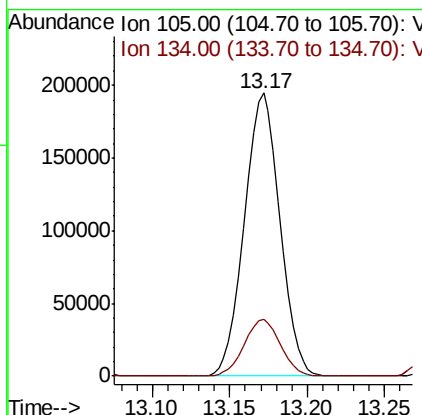
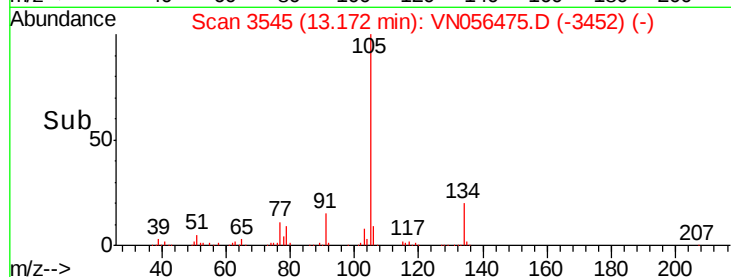
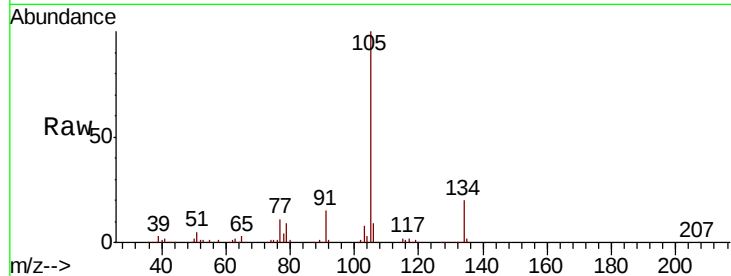




#85
 sec-Butylbenzene
 Concen: 21.243 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN056475.D
 Acq: 25 Jun 2019 10:49

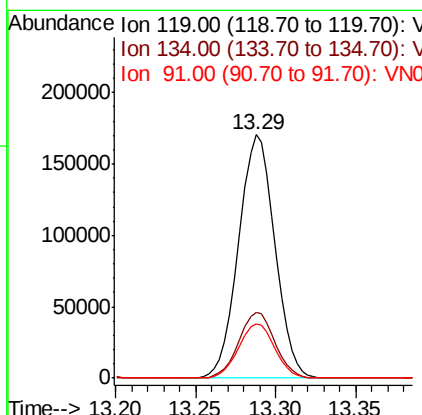
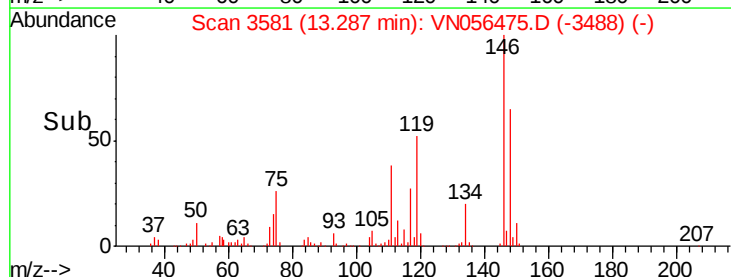
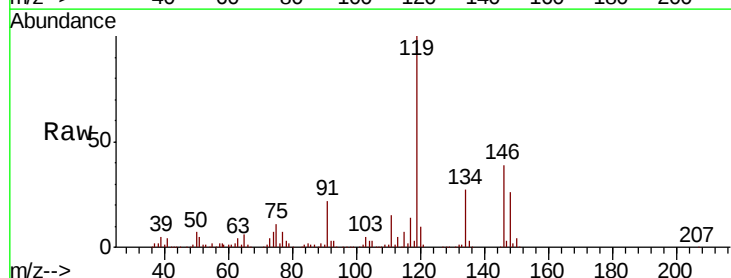
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

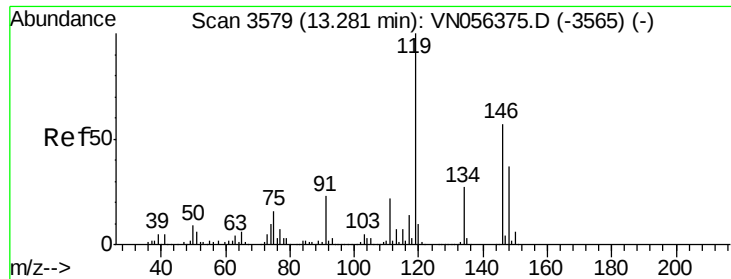
Tot Ion:105 Resp: 311623
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 20.807 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN056475.D
 Acq: 25 Jun 2019 10:49

Tgt Ion:119 Resp: 261941
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 22.6 11.2 33.5

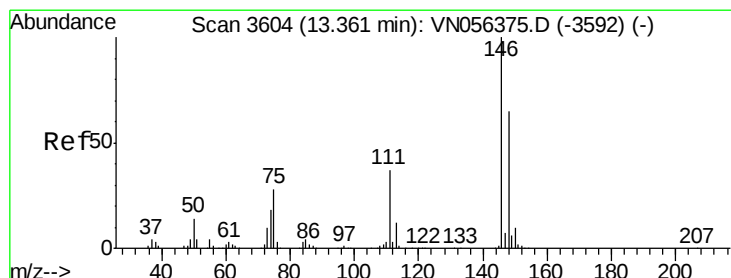
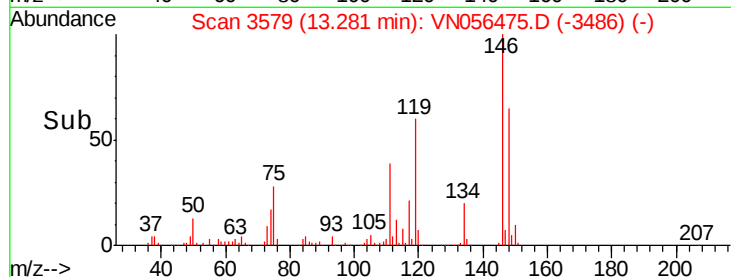
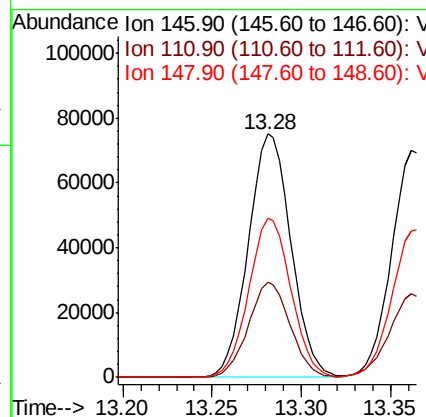
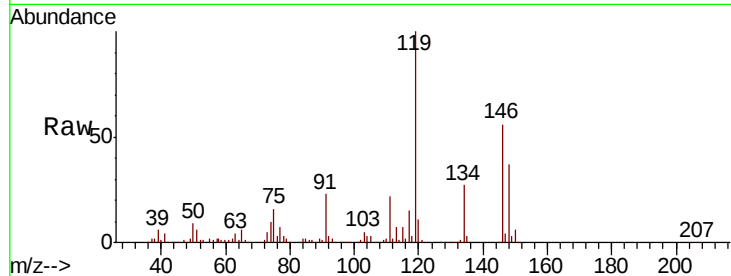




#87
 1,3-Dichlorobenzene
 Concen: 20.319 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056475.D
 Acq: 25 Jun 2019 10:49

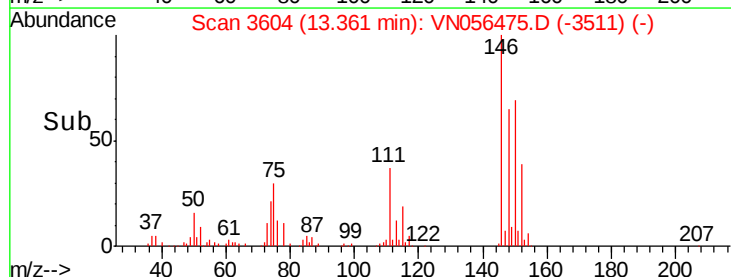
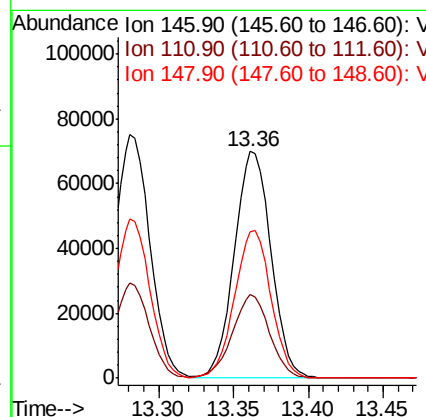
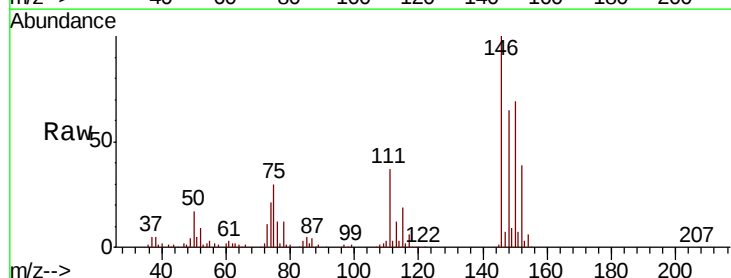
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

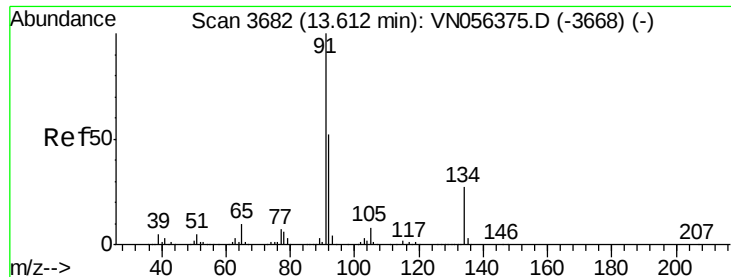
Tot Ion:146 Resp: 125482
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.9
 148 64.7 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.022 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056475.D
 Acq: 25 Jun 2019 10:49

Tgt Ion:146 Resp: 119753
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.4 55.4
 148 64.6 32.4 97.0

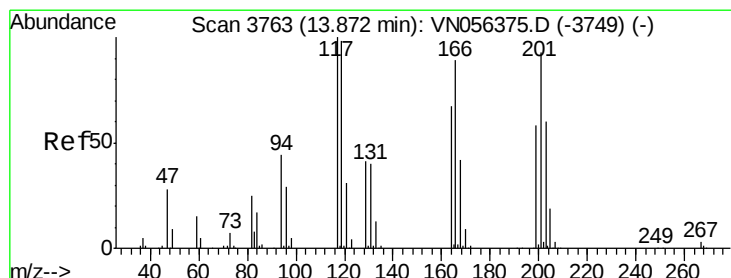
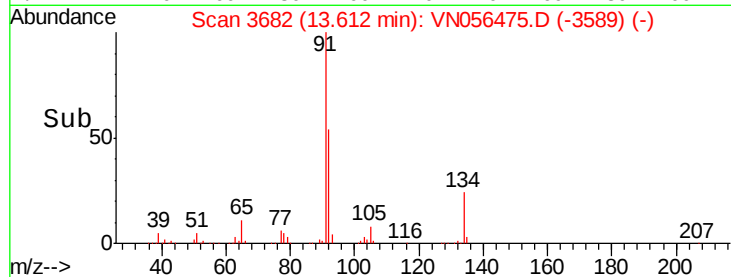
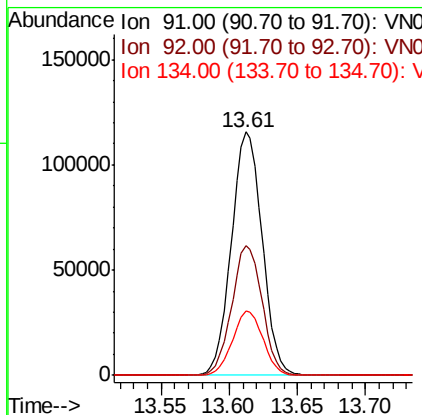
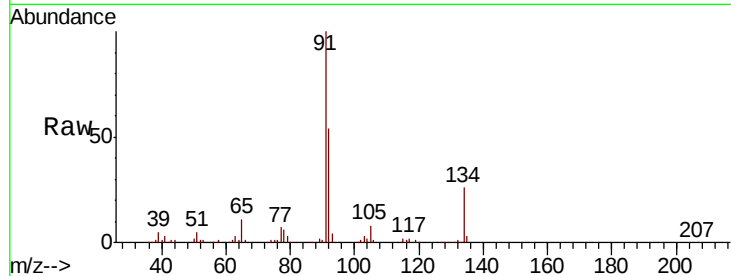




#89
n-Butylbenzene
Concen: 19.005 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

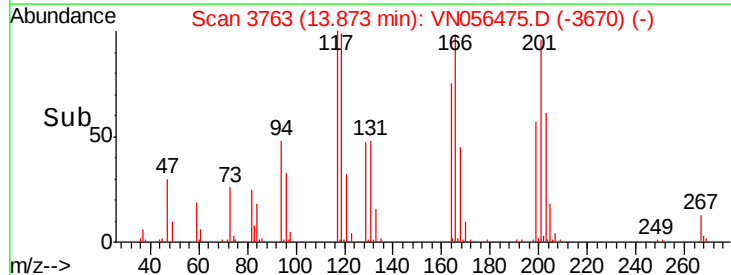
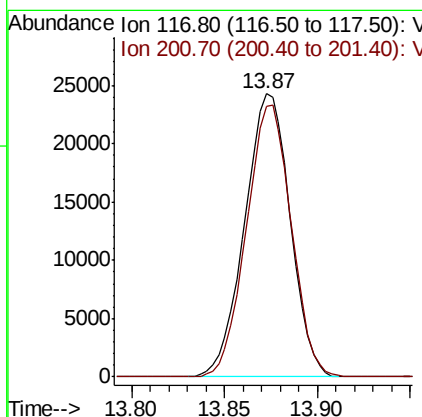
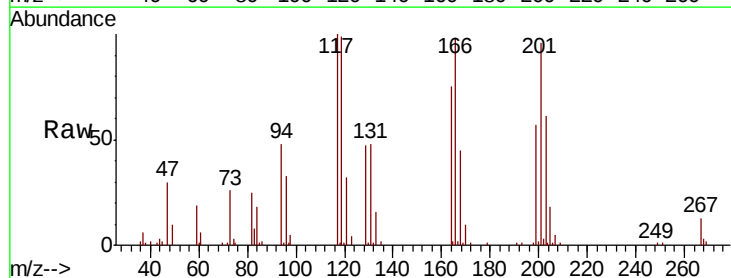
Instrument :
MSVOA_N
ClientSampleId :
VN0625WBSD01

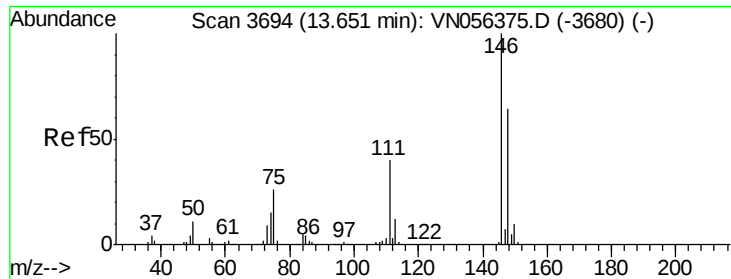
Tot Ion: 91 Resp: 181127
Ion Ratio Lower Upper
91 100
92 52.7 26.2 78.5
134 26.1 13.4 40.2



#90
Hexachloroethane
Concen: 21.193 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056475.D
Acq: 25 Jun 2019 10:49

Tgt Ion: 117 Resp: 41597
Ion Ratio Lower Upper
117 100
201 94.5 45.9 137.6

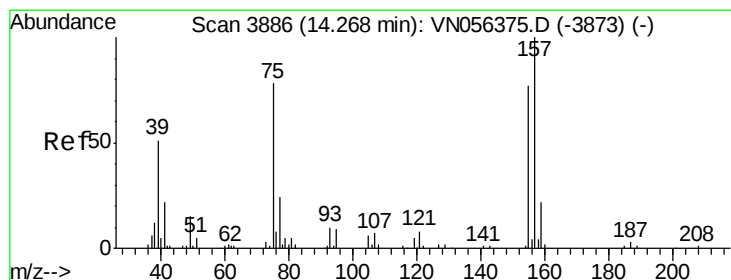
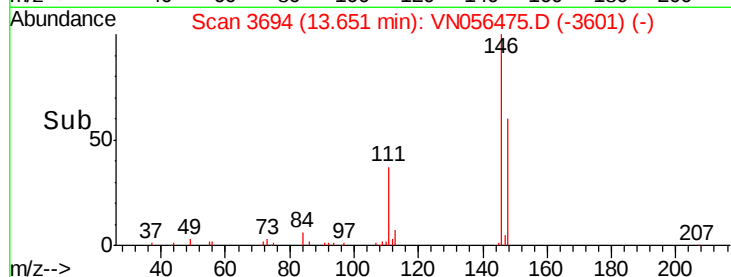
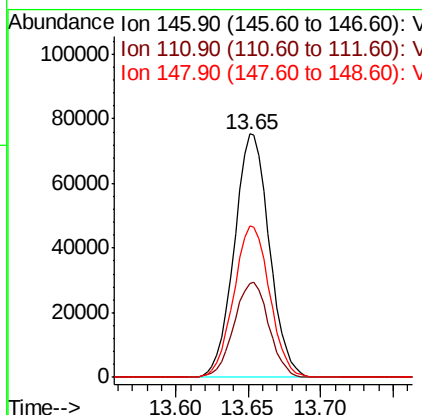
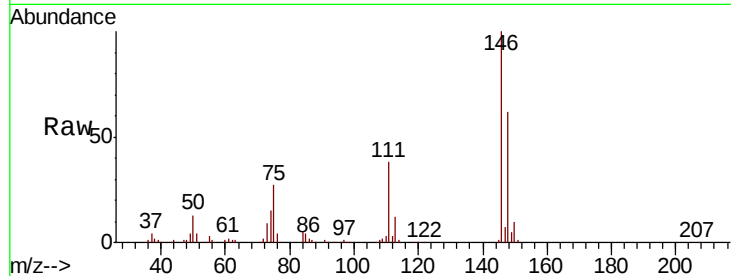




#91
 1,2-Dichlorobenzene
 Concen: 20.657 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN056475.D
 Acq: 25 Jun 2019 10:49

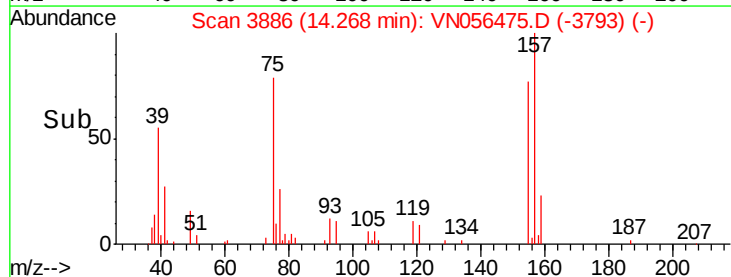
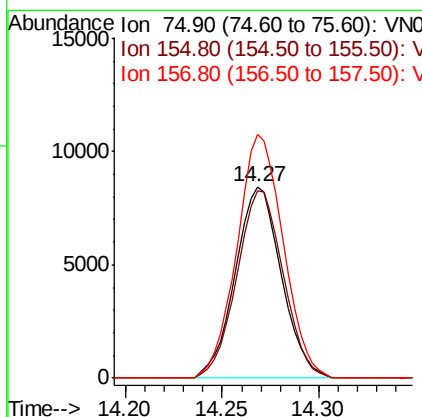
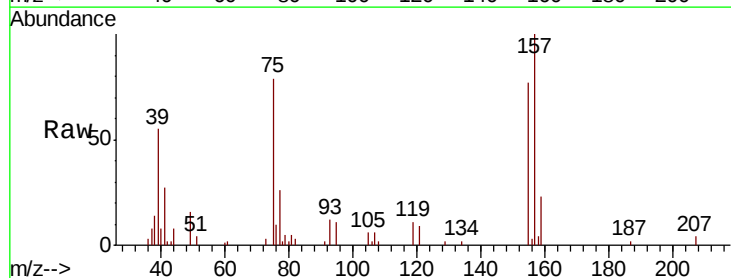
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

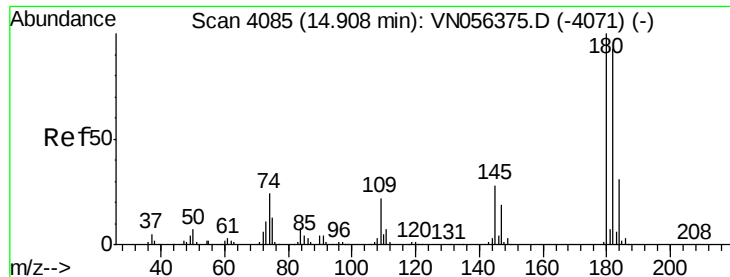
Tot Ion:146 Resp: 126571
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.3 57.9
 148 63.5 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.772 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN056475.D
 Acq: 25 Jun 2019 10:49

Tgt Ion: 75 Resp: 14008
 Ion Ratio Lower Upper
 75 100
 155 98.3 48.9 146.8
 157 127.8 62.9 188.8

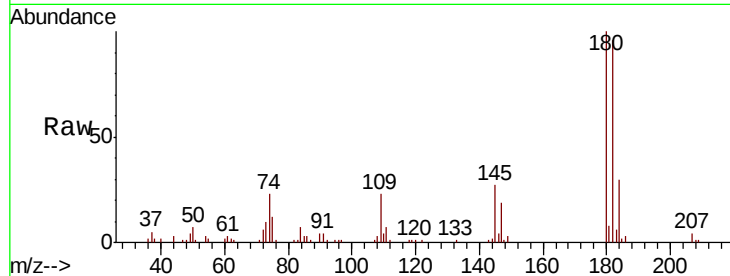




#93
 1,2,4-Trichlorobenzene
 Concen: 17.127 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056475.D
 Acq: 25 Jun 2019 10:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0625WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	46.9	140.6
145	27.7	14.4	43.0

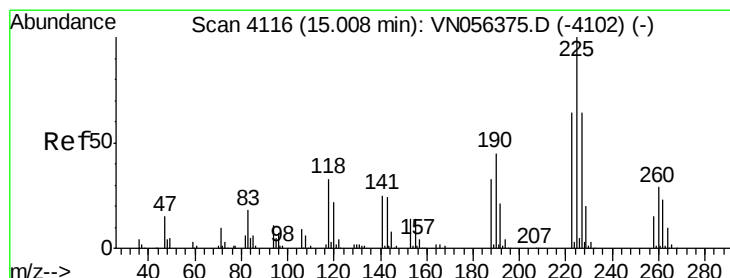
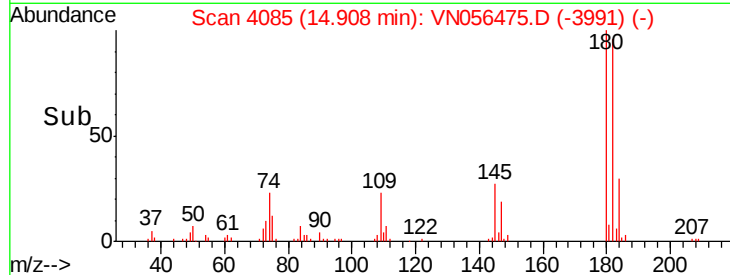
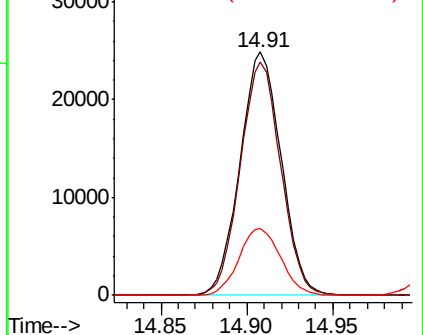


Abundance

Ion 179.80 (179.50 to 180.50): V

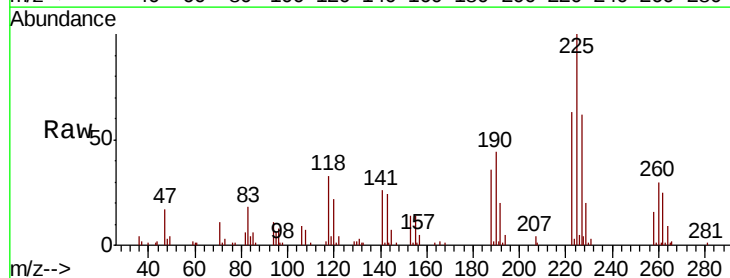
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 22.258 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056475.D
 Acq: 25 Jun 2019 10:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.4	94.3
227	63.7	32.1	96.3

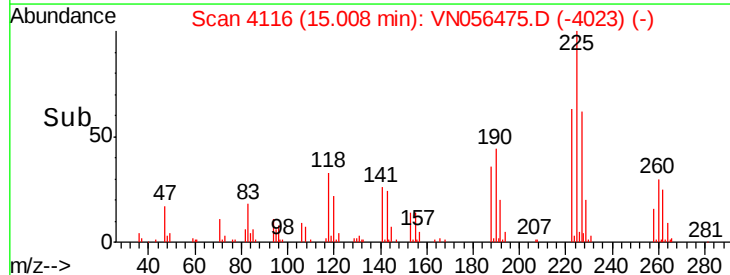
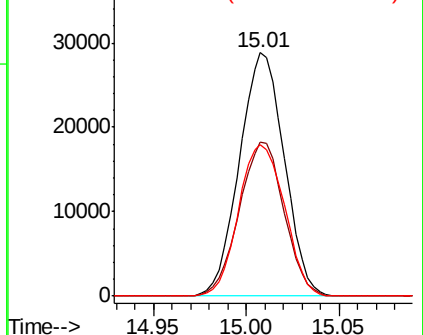


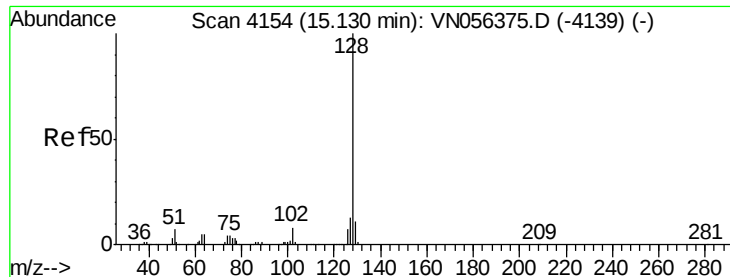
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.025 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056475.D

Acq: 25 Jun 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

VN0625WBSD01

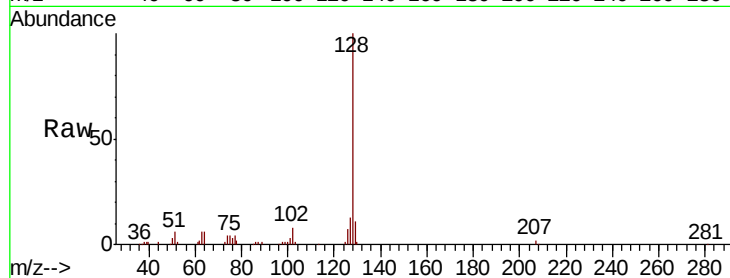
Tot Ion:128 Resp: 119071

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

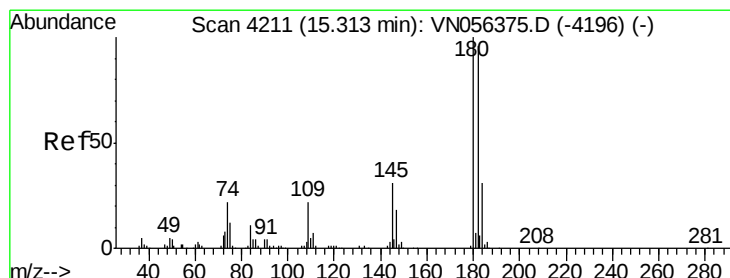
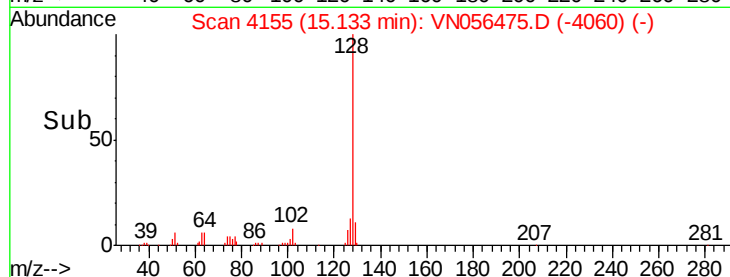
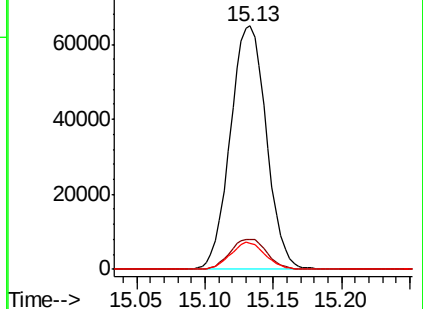
129 10.6 8.6 12.8



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: 18.471 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056475.D

Acq: 25 Jun 2019 10:49

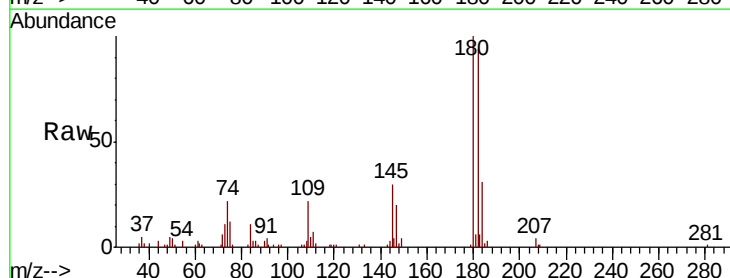
Tgt Ion:180 Resp: 50805

Ion Ratio Lower Upper

180 100

182 92.2 48.3 144.8

145 29.3 15.4 46.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

