

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062187.D
 Acq On : 29 Jun 2020 14:53
 Operator : JC/MD
 Sample : VN0629WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBSD01

Quant Time: Jun 30 04:25:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	249279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	448305	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	412655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	182247	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	173638	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
35) Dibromofluoromethane	7.55	113	139141	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
50) Toluene-d8	10.06	98	547669	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
62) 4-Bromofluorobenzene	12.38	95	181844	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	48463	17.200	ug/l 99
3) Chloromethane	2.03	50	63793	18.385	ug/l 99
4) Vinyl Chloride	2.16	62	75053	16.914	ug/l 98
5) Bromomethane	2.53	94	52601	18.342	ug/l 97
6) Chloroethane	2.67	64	52591	17.350	ug/l 97
7) Trichlorofluoromethane	2.98	101	93661	17.130	ug/l 98
8) Diethyl Ether	3.37	74	37499	19.641	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	51789	18.088	ug/l 98
10) Methyl Iodide	3.91	142	61653	19.120	ug/l 99
11) Tert butyl alcohol	4.73	59	49809	99.168	ug/l 98
12) 1,1-Dichloroethene	3.70	96	51302	17.923	ug/l 96
13) Acrolein	3.57	56	44505	90.503	ug/l 99
14) Allyl chloride	4.27	41	76830	19.715	ug/l 100
15) Acrylonitrile	4.93	53	137509	100.467	ug/l 100
16) Acetone	3.78	43	120443	107.378	ug/l 99
17) Carbon Disulfide	4.01	76	144205	17.622	ug/l 100
18) Methyl Acetate	4.28	43	57050	20.515	ug/l 98
19) Methyl tert-butyl Ether	5.00	73	178193	19.482	ug/l 100
20) Methylene Chloride	4.50	84	62674	19.384	ug/l 97
21) trans-1,2-Dichloroethene	4.99	96	57197	17.541	ug/l 96
22) Diisopropyl ether	5.90	45	173157	19.515	ug/l 96
23) Vinyl Acetate	5.84	43	708223	97.761	ug/l 99
24) 1,1-Dichloroethane	5.80	63	107499	18.814	ug/l 99
25) 2-Butanone	6.79	43	172850	101.089	ug/l 97
26) 2,2-Dichloropropane	6.78	77	88815	18.653	ug/l 99
27) cis-1,2-Dichloroethene	6.78	96	66078	18.009	ug/l 97
28) Bromochloromethane	7.15	49	44917	18.118	ug/l 94
29) Tetrahydrofuran	7.17	42	113280	101.138	ug/l 98
30) Chloroform	7.33	83	107843	18.551	ug/l 98
31) Cyclohexane	7.61	56	91422	18.916	ug/l 96
32) 1,1,1-Trichloroethane	7.53	97	90076	18.373	ug/l 99
36) 1,1-Dichloropropene	7.75	75	79978	17.749	ug/l 98
37) Ethyl Acetate	6.89	43	71719	19.221	ug/l 98
38) Carbon Tetrachloride	7.73	117	73329	17.261	ug/l 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
 Data File : VN062187.D
 Acq On : 29 Jun 2020 14:53
 Operator : JC/MD
 Sample : VN0629WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBSD01

Quant Time: Jun 30 04:25:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	89182	18.063	ug/l	96
40) Benzene	8.00	78	247335	18.008	ug/l	99
41) Methacrylonitrile	7.13	41	29094	16.819	ug/l #	90
42) 1,2-Dichloroethane	8.09	62	86344	18.607	ug/l	99
43) Isopropyl Acetate	8.13	43	119883	19.709	ug/l	99
44) Trichloroethene	8.80	130	61510	17.754	ug/l	96
45) 1,2-Dichloropropane	9.09	63	63450	18.726	ug/l	99
46) Dibromomethane	9.18	93	41009	17.851	ug/l	99
47) Bromodichloromethane	9.37	83	82930	17.878	ug/l	99
48) Methyl methacrylate	9.17	41	52013	19.071	ug/l	97
49) 1,4-Dioxane	9.17	88	22209	367.205	ug/l #	95
51) 4-Methyl-2-Pentanone	9.95	43	357047	100.468	ug/l	99
52) Toluene	10.12	92	154100	18.389	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	94509	18.519	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	102314	18.831	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	61422	18.646	ug/l	99
56) Ethyl methacrylate	10.40	69	84675	19.261	ug/l	99
57) 1,3-Dichloropropane	10.68	76	107637	18.983	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	154347	93.255	ug/l	99
59) 2-Hexanone	10.72	43	255630	99.613	ug/l	99
60) Dibromochloromethane	10.87	129	61810	17.723	ug/l	99
61) 1,2-Dibromoethane	10.98	107	59615	17.613	ug/l	99
64) Tetrachloroethene	10.60	164	47893	16.990	ug/l	98
65) Chlorobenzene	11.41	112	162483	17.930	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	57640	18.394	ug/l	99
67) Ethyl Benzene	11.48	91	282455	18.456	ug/l	98
68) m/p-Xylenes	11.59	106	216955	36.651	ug/l	100
69) o-Xylene	11.92	106	104834	18.770	ug/l	99
70) Styrene	11.94	104	169174	18.162	ug/l	99
71) Bromoform	12.10	173	40174	18.032	ug/l #	96
73) Isopropylbenzene	12.22	105	271965	19.278	ug/l	100
74) N-amyl acetate	12.05	43	94432	20.311	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	92505	19.705	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	113692	26.500	ug/l #	100
77) Bromobenzene	12.50	156	63036	17.998	ug/l	93
78) n-propylbenzene	12.57	91	310148	19.220	ug/l	100
79) 2-Chlorotoluene	12.65	91	184792	18.943	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	221993	19.411	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	27675	18.838	ug/l	93
82) 4-Chlorotoluene	12.75	91	187039	18.541	ug/l	100
83) tert-Butylbenzene	12.97	119	185371	18.940	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	217718	19.062	ug/l	99
85) sec-Butylbenzene	13.15	105	253597	19.609	ug/l	99
86) p-Isopropyltoluene	13.26	119	222689	19.654	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	111505	18.130	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	110811	17.479	ug/l	98
89) n-Butylbenzene	13.59	91	176936	18.783	ug/l	98
90) Hexachloroethane	13.85	117	42883	19.290	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	110617	18.548	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	14878	19.783	ug/l	98

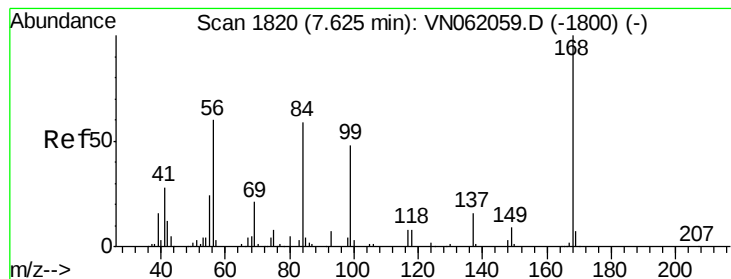
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062920\
Data File : VN062187.D
Acq On : 29 Jun 2020 14:53
Operator : JC/MD
Sample : VN0629WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBSD01

Quant Time: Jun 30 04:25:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	46147	17.712	ug/l	97
94) Hexachlorobutadiene	14.99	225	22668	20.032	ug/l	98
95) Naphthalene	15.10	128	133467	18.132	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	47882	17.974	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062187.D

Acq: 29 Jun 2020 14:53

Instrument :

MSVOA_N

ClientSampleId :

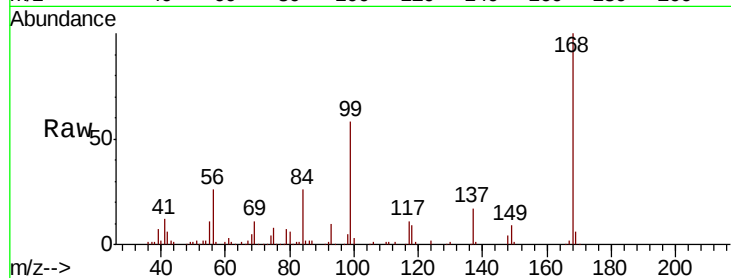
VN0629WBSD01

Tot Ion:168 Resp: 249279

Ion Ratio Lower Upper

168 100

99 58.1 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

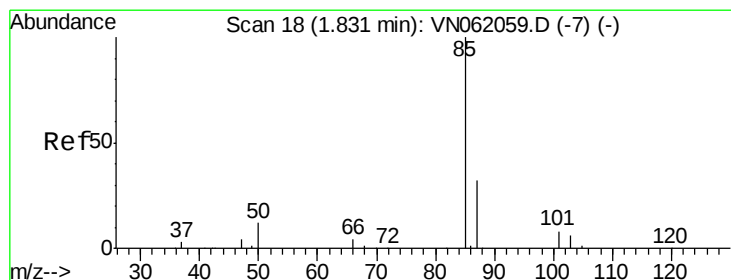
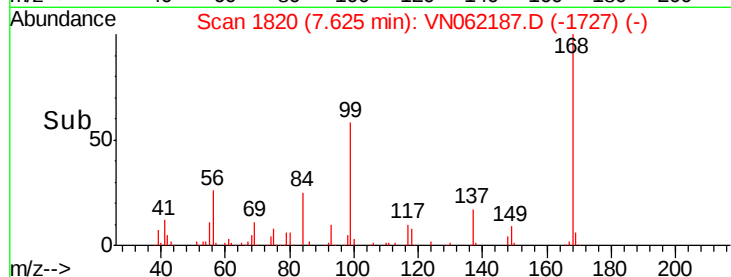
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 17.200 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062187.D

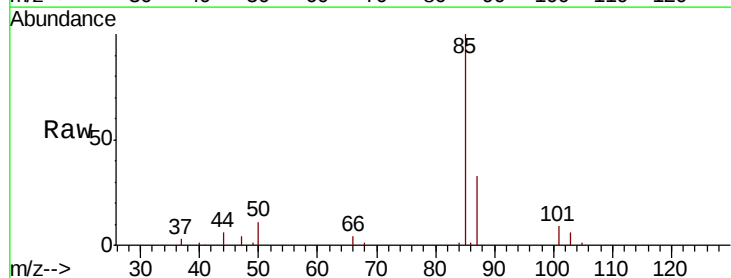
Acq: 29 Jun 2020 14:53

Tgt Ion: 85 Resp: 48463

Ion Ratio Lower Upper

85 100

87 32.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

40000

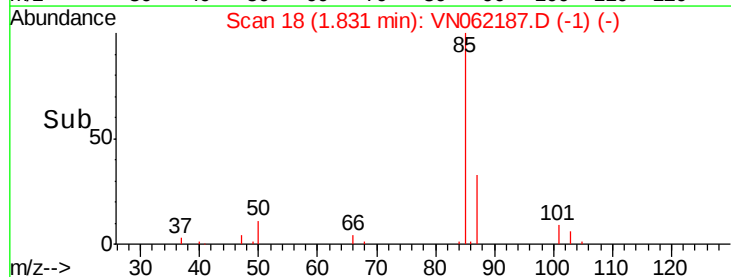
30000

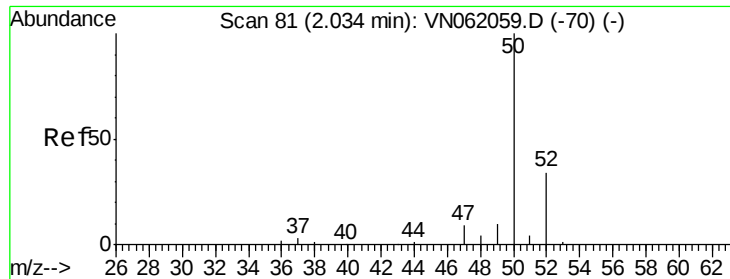
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 18.385 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062187.D

Acq: 29 Jun 2020 14:53

Instrument :

MSVOA_N

ClientSampleId :

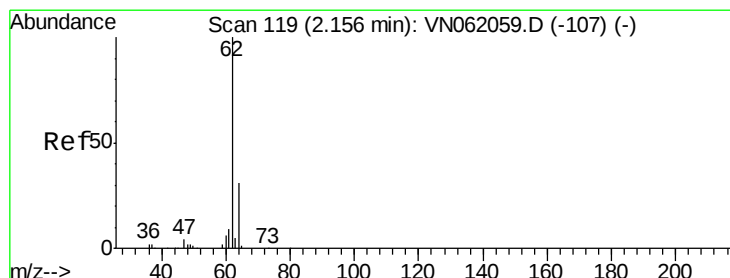
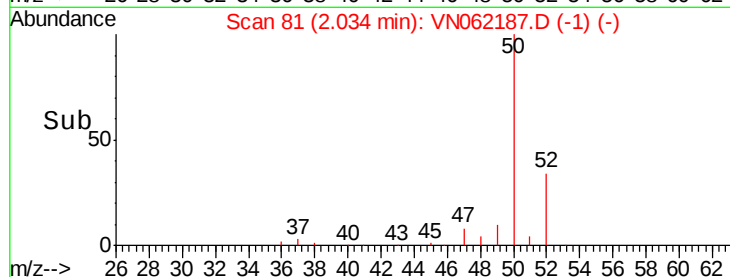
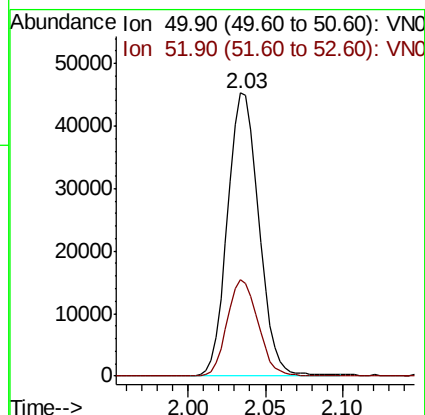
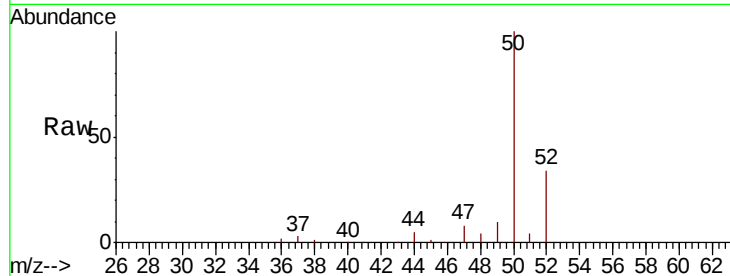
VN0629WBSD01

Tot Ion: 50 Resp: 63793

Ion Ratio Lower Upper

50 100

52 34.2 27.0 40.6



#4

Vinyl Chloride

Concen: 16.914 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062187.D

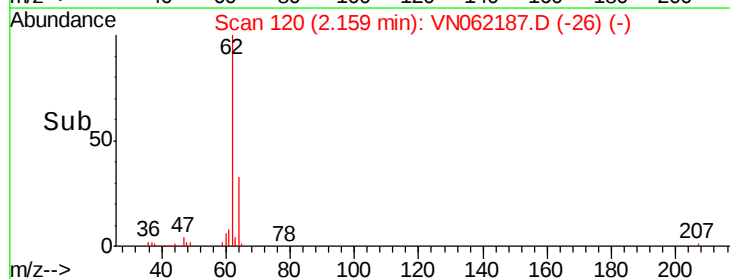
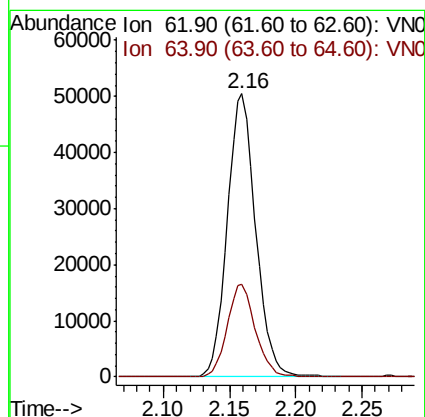
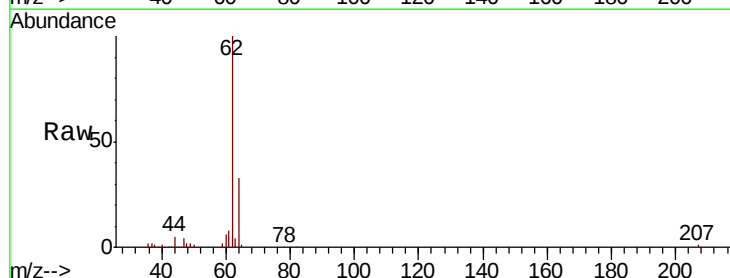
Acq: 29 Jun 2020 14:53

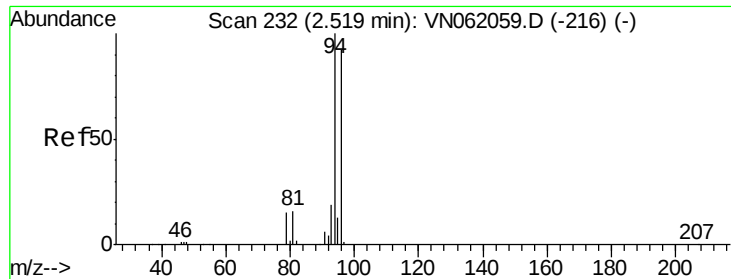
Tgt Ion: 62 Resp: 75053

Ion Ratio Lower Upper

62 100

64 32.6 25.1 37.7





#5

Bromomethane

Concen: 18.342 ug/l

RT: 2.53 min Scan# 235

Delta R.T. 0.01 min

Lab File: VN062187.D

Acq: 29 Jun 2020 14:53

Instrument :

MSVOA_N

ClientSampleId :

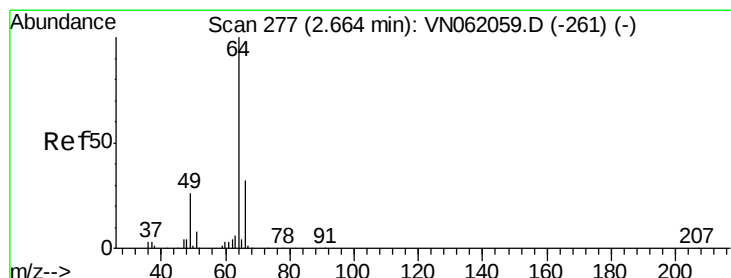
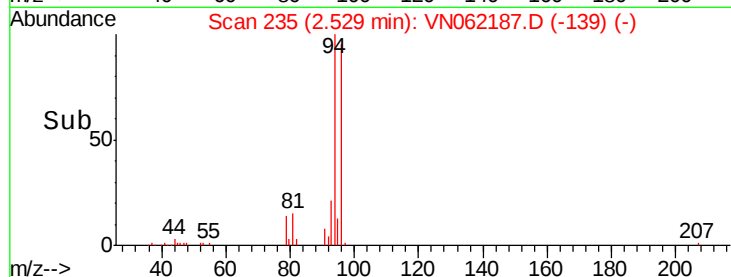
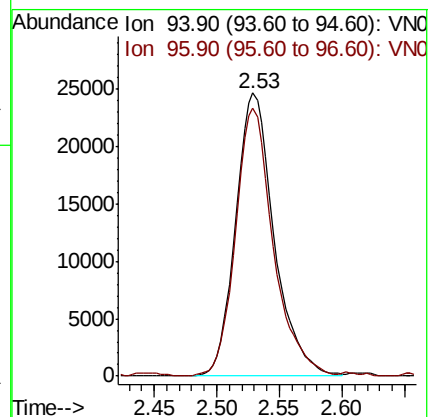
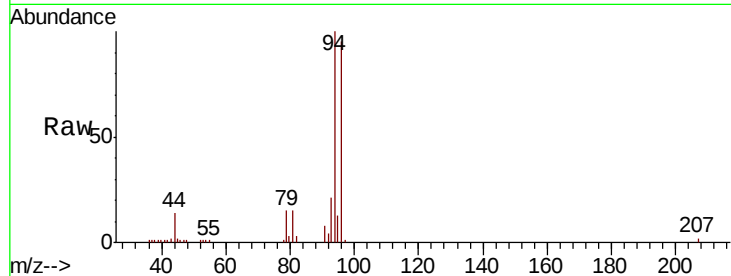
VN0629WBSD01

Tot Ion: 94 Resp: 52601

Ion Ratio Lower Upper

94 100

96 94.6 73.4 110.2



#6

Chloroethane

Concen: 17.350 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062187.D

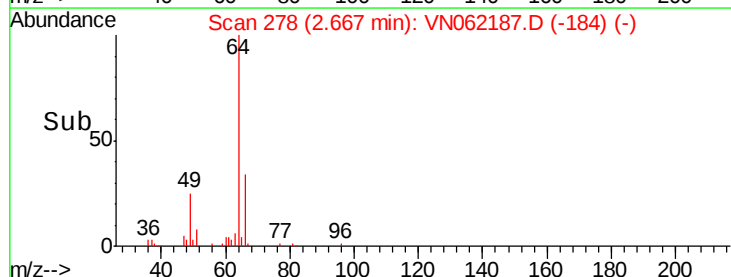
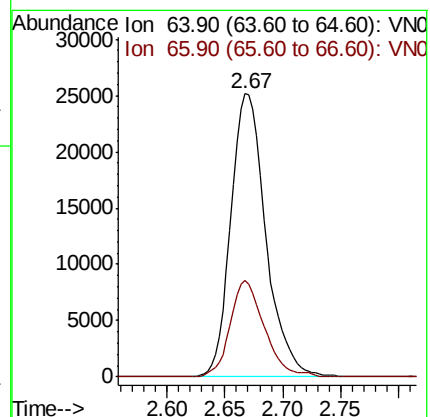
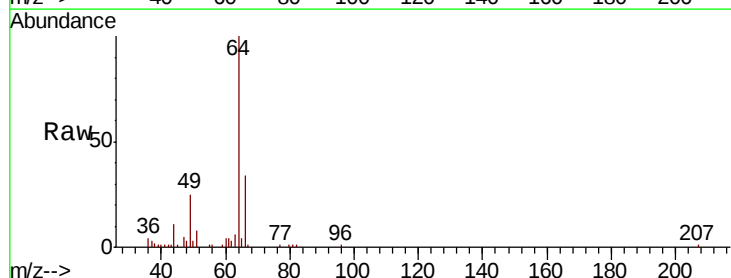
Acq: 29 Jun 2020 14:53

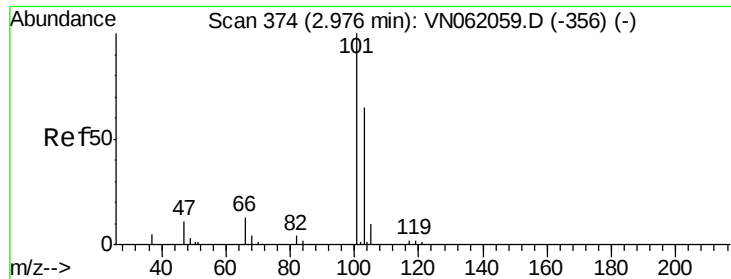
Tgt Ion: 64 Resp: 52591

Ion Ratio Lower Upper

64 100

66 34.1 25.8 38.6



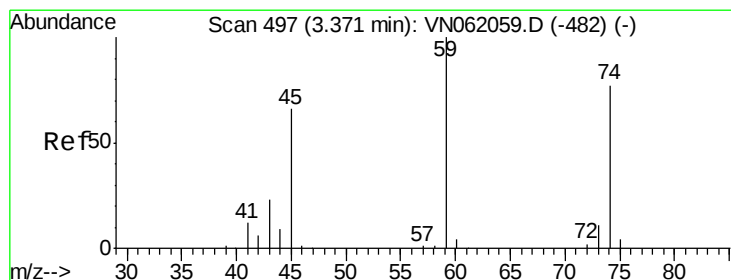
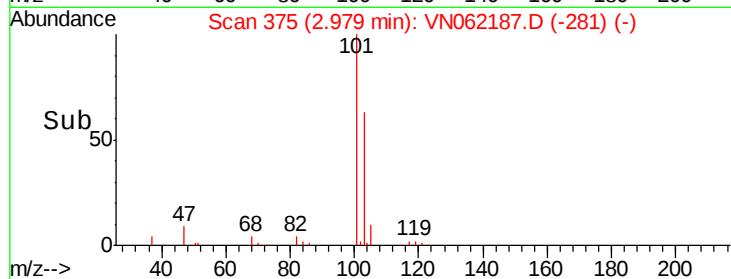
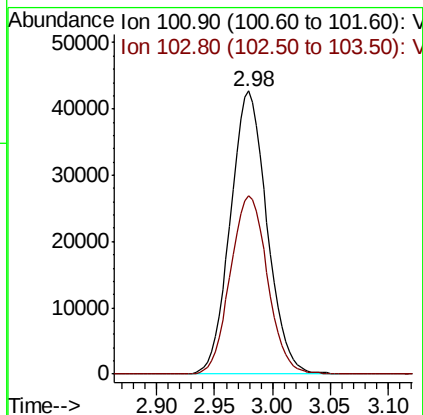
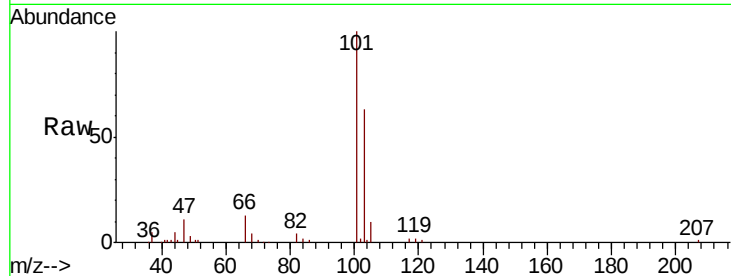


#7

Trichlorofluoromethane
 Concen: 17.130 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062187.D
 Acq: 29 Jun 2020 14:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBSD01

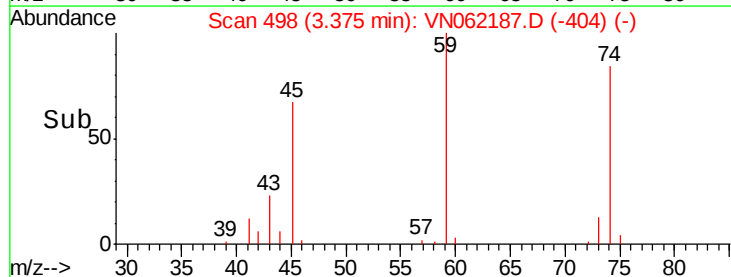
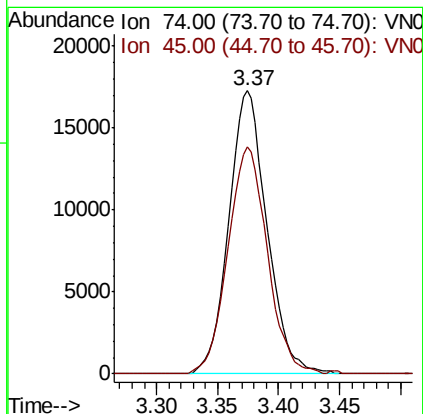
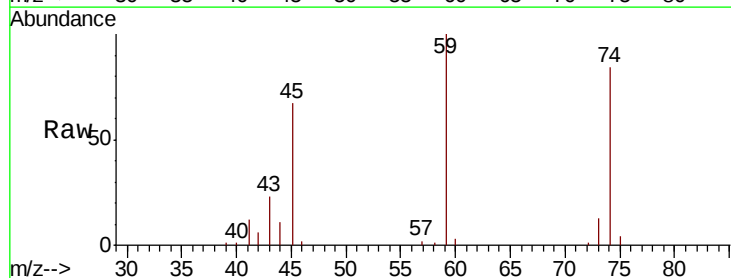
Tot Ion:101 Resp: 93661
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.8 77.6

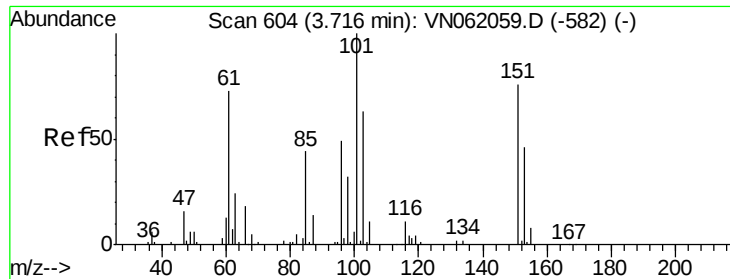


#8

Diethyl Ether
 Concen: 19.641 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062187.D
 Acq: 29 Jun 2020 14:53

Tgt Ion: 74 Resp: 37499
 Ion Ratio Lower Upper
 74 100
 45 82.6 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.088 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062187.D

Acq: 29 Jun 2020 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBSD01

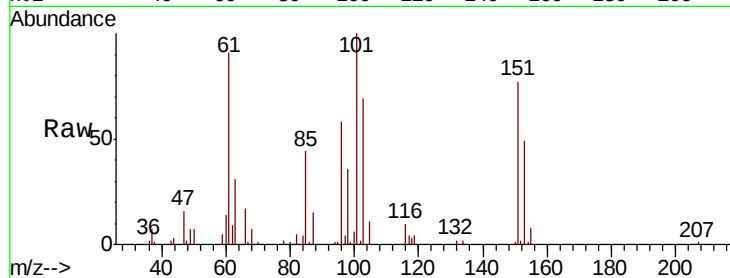
Tot Ion:101 Resp: 51789

Ion Ratio Lower Upper

101 100

85 43.4 34.5 51.7

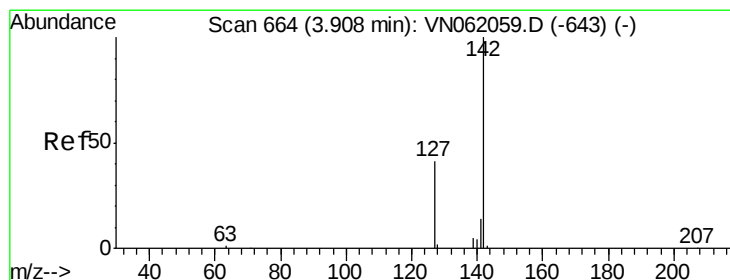
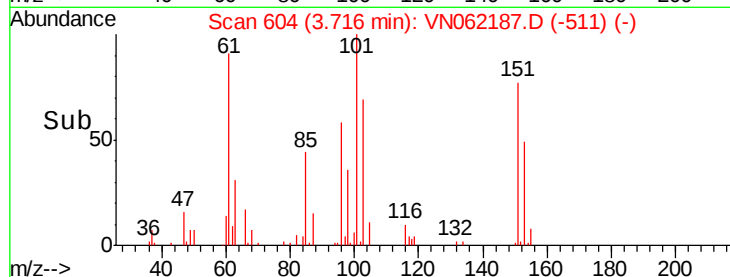
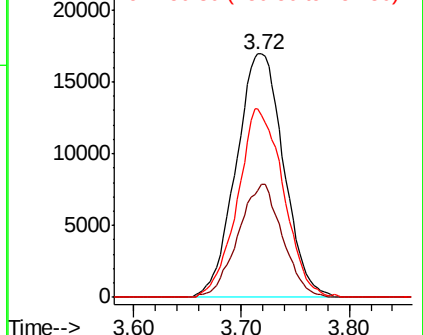
151 75.0 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.120 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062187.D

Acq: 29 Jun 2020 14:53

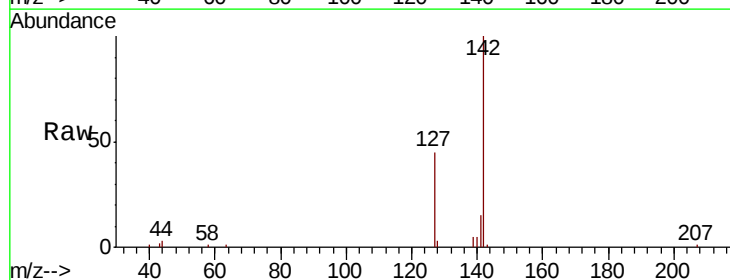
Tgt Ion:142 Resp: 61653

Ion Ratio Lower Upper

142 100

127 42.3 33.6 50.4

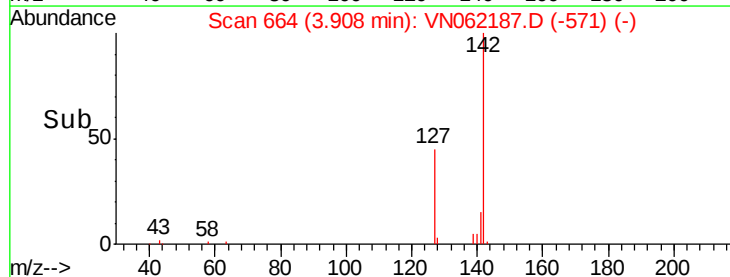
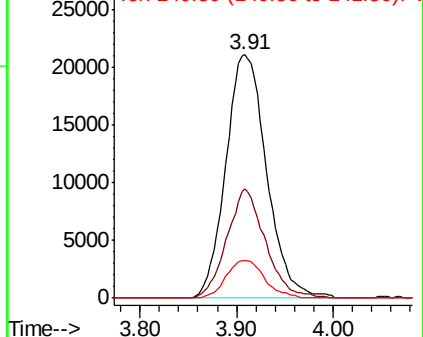
141 14.6 11.3 16.9

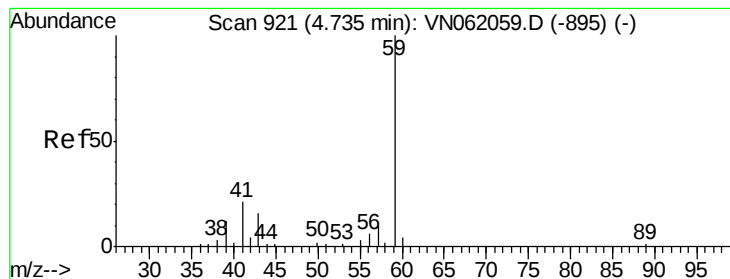


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



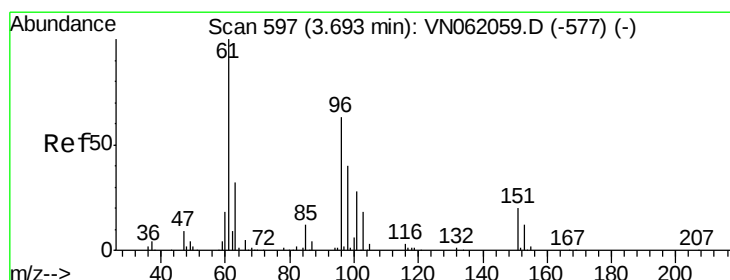
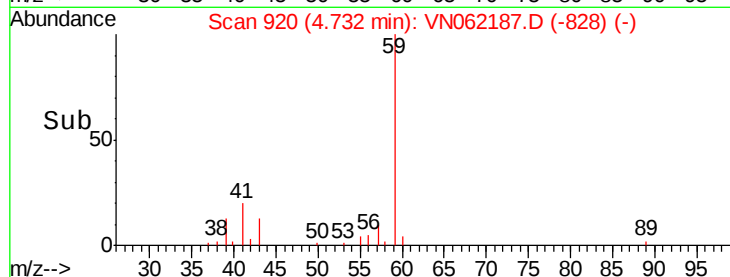
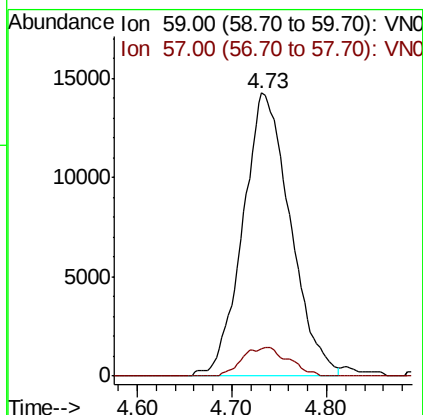
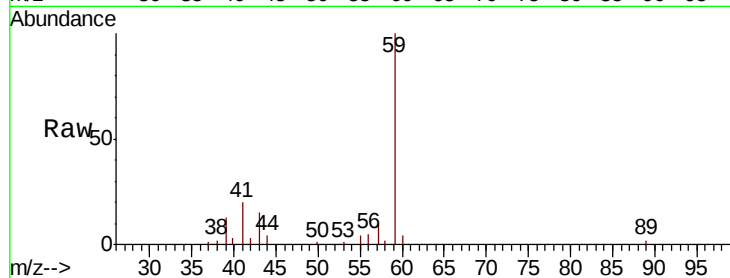


#11

Tert butyl alcohol
 Concen: 99.168 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN062187.D
 Acq: 29 Jun 2020 14:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBSD01

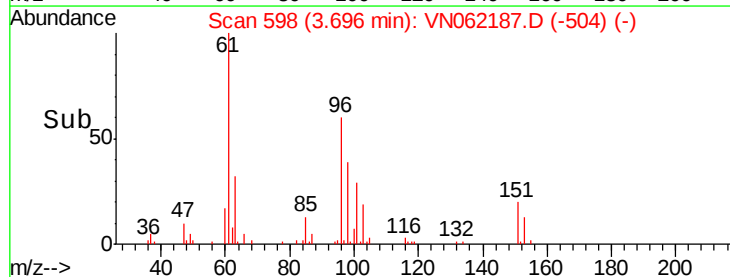
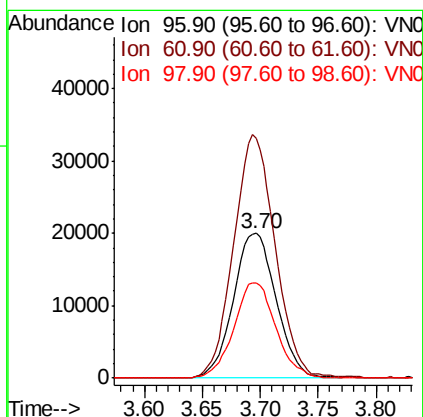
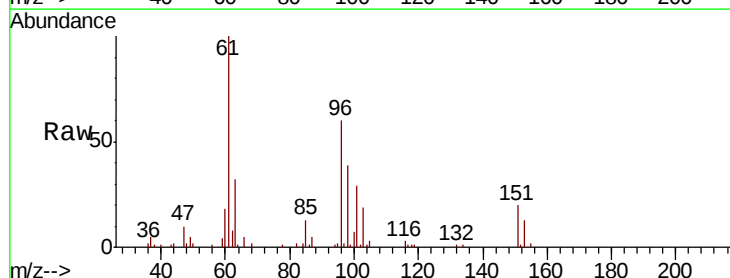
Tot Ion: 59 Resp: 49809
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.3 12.5

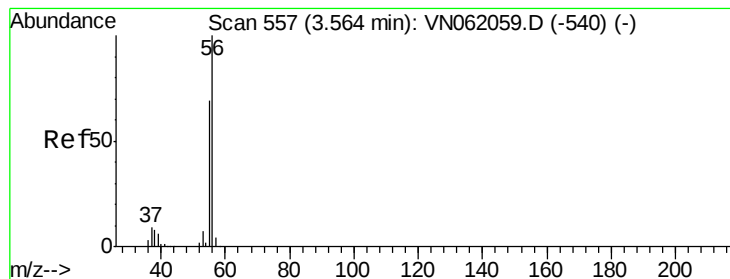


#12

1,1-Dichloroethene
 Concen: 17.923 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062187.D
 Acq: 29 Jun 2020 14:53

Tgt Ion: 96 Resp: 51302
 Ion Ratio Lower Upper
 96 100
 61 165.5 126.7 190.1
 98 65.3 51.0 76.4





#13

Acrolein

Concen: 90.503 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062187.D

Acq: 29 Jun 2020 14:53

Instrument :

MSVOA_N

ClientSampleId :

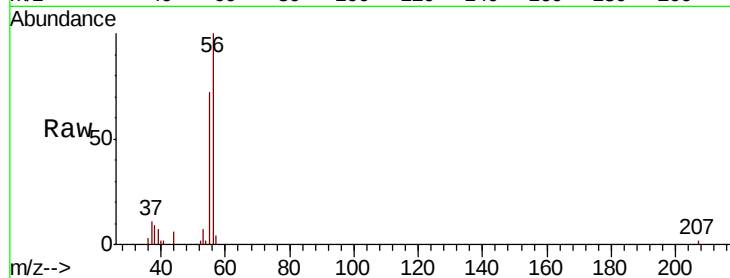
VN0629WBSD01

Tot Ion: 56 Resp: 44505

Ion Ratio Lower Upper

56 100

55 70.0 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VN062059.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN062059.D (-540) (-)

3.57

20000

15000

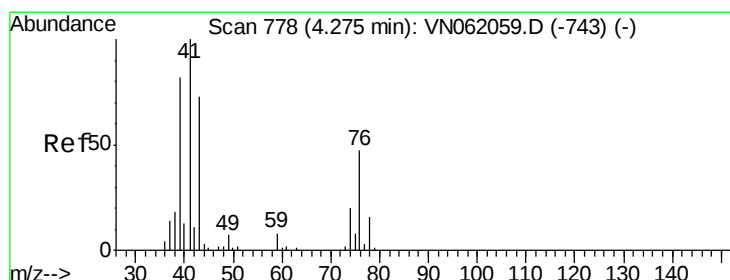
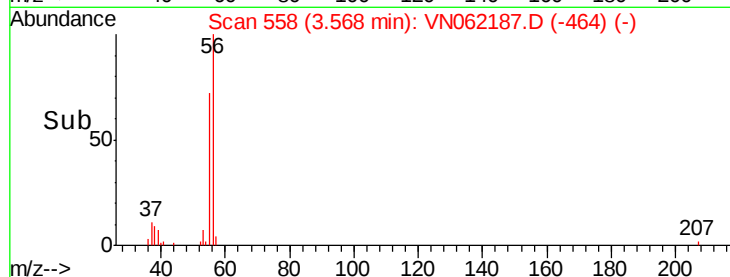
10000

5000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 19.715 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062187.D

Acq: 29 Jun 2020 14:53

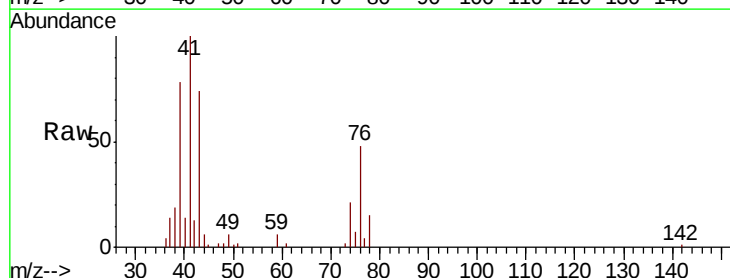
Tgt Ion: 41 Resp: 76830

Ion Ratio Lower Upper

41 100

39 74.7 60.0 90.0

76 42.4 34.1 51.1



Abundance Ion 41.00 (40.70 to 41.70): VN062059.D (-743) (-)

Ion 39.00 (38.70 to 39.70): VN062059.D (-743) (-)

Ion 75.90 (75.60 to 76.60): VN062059.D (-743) (-)

4.27

30000

25000

20000

15000

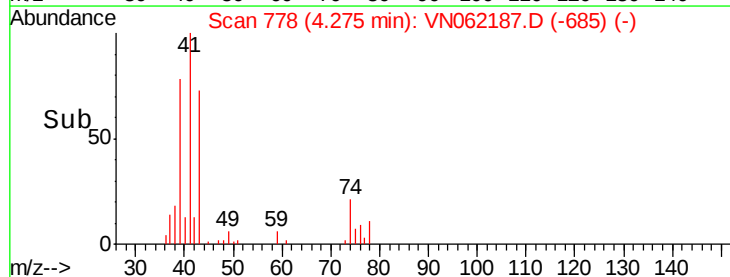
10000

5000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 100.467 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.01 min

Lab File: VN062187.D

Acq: 29 Jun 2020 14:53

Instrument :

MSVOA_N

ClientSampleID :

VN0629WBSD01

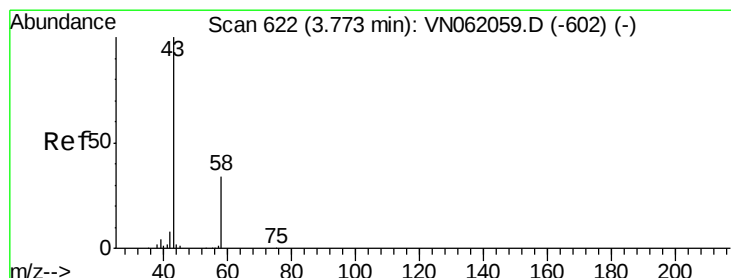
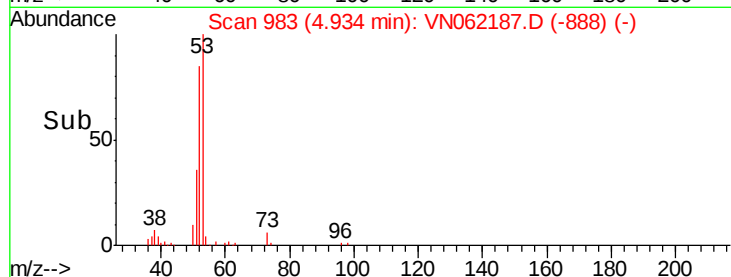
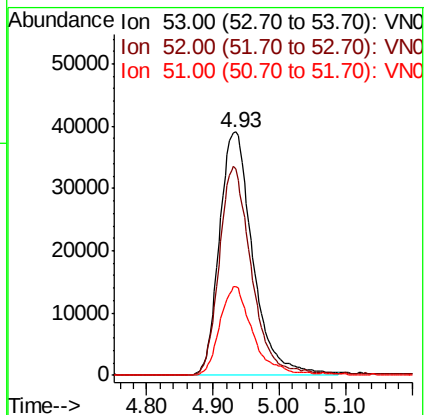
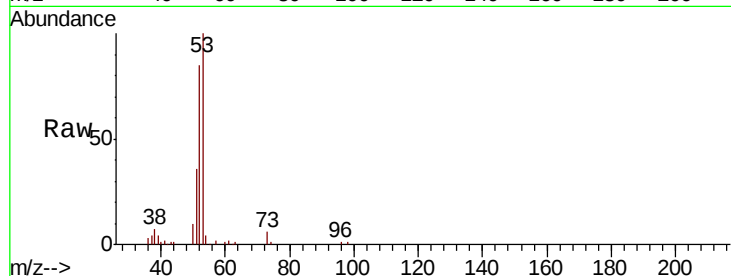
Tot Ion: 53 Resp: 137509

Ion Ratio Lower Upper

53 100

52 82.6 66.2 99.4

51 35.4 28.9 43.3



#16

Acetone

Concen: 107.378 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062187.D

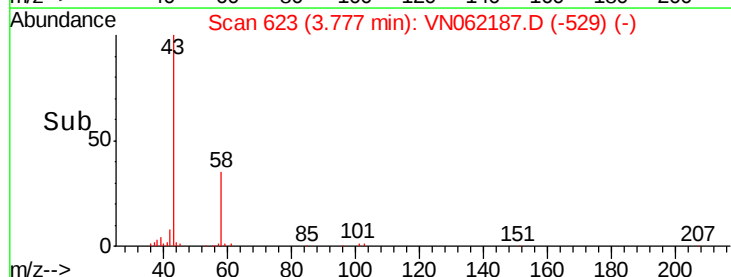
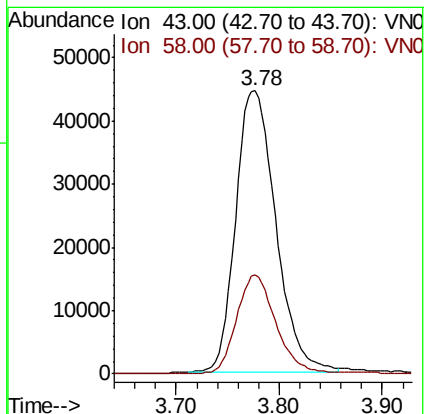
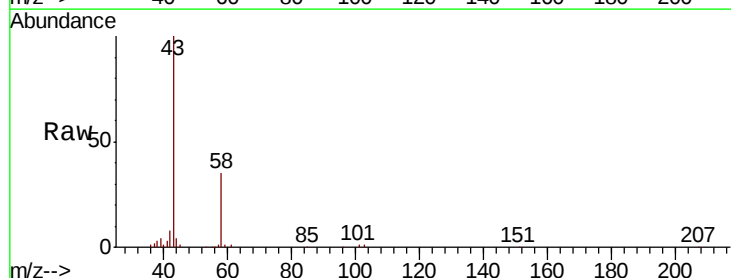
Acq: 29 Jun 2020 14:53

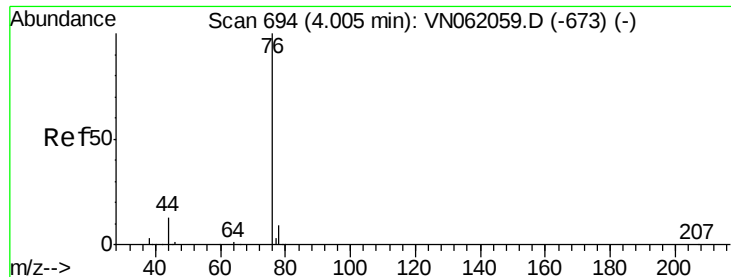
Tgt Ion: 43 Resp: 120443

Ion Ratio Lower Upper

43 100

58 35.0 27.5 41.3

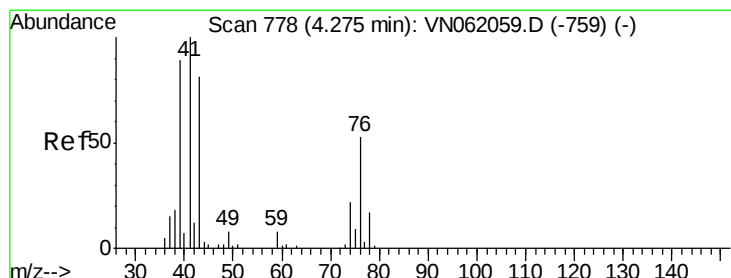
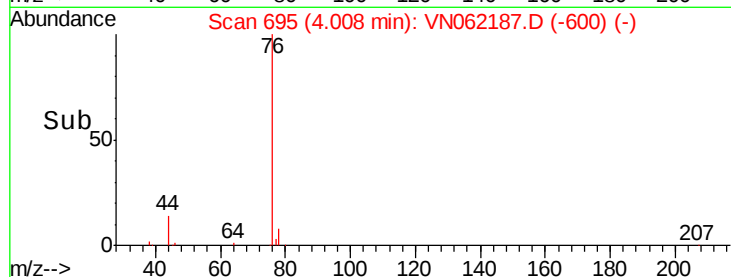
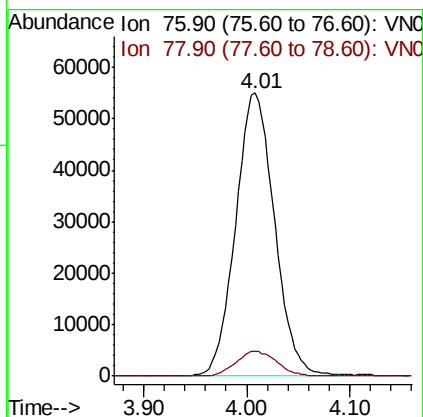
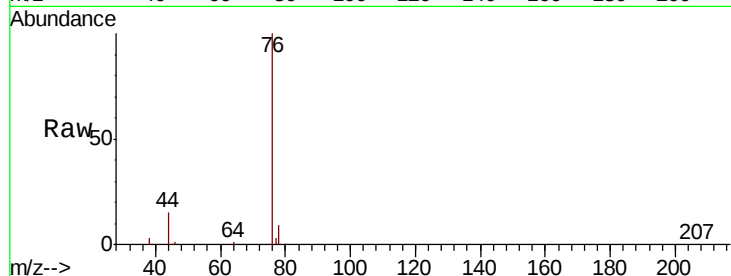




#17
Carbon Disulfide
Concen: 17.622 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062187.D
Acq: 29 Jun 2020 14:53

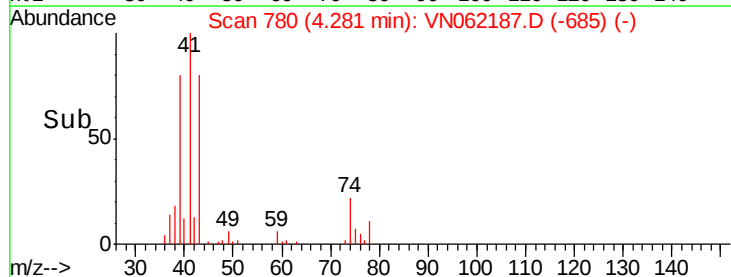
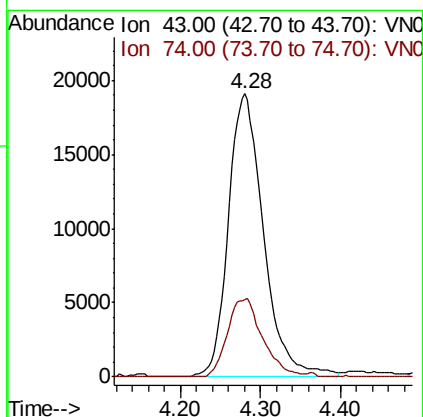
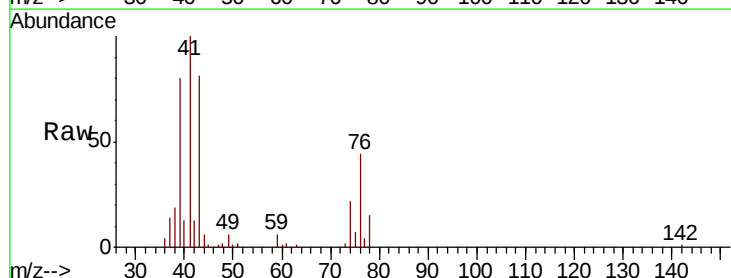
Instrument :
MSVOA_N
ClientSampleId :
VN0629WBSD01

Tot Ion: 76 Resp: 144205
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8



#18
Methyl Acetate
Concen: 20.515 ug/l
RT: 4.28 min Scan# 780
Delta R.T. 0.01 min
Lab File: VN062187.D
Acq: 29 Jun 2020 14:53

Tgt Ion: 43 Resp: 57050
Ion Ratio Lower Upper
43 100
74 27.6 22.9 34.3

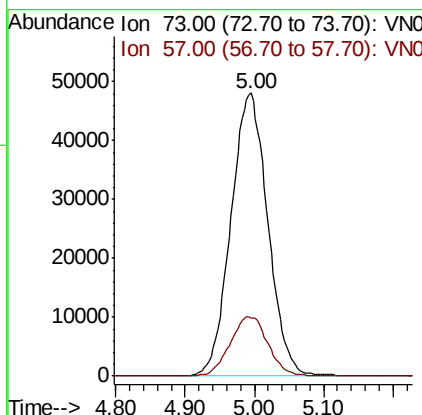
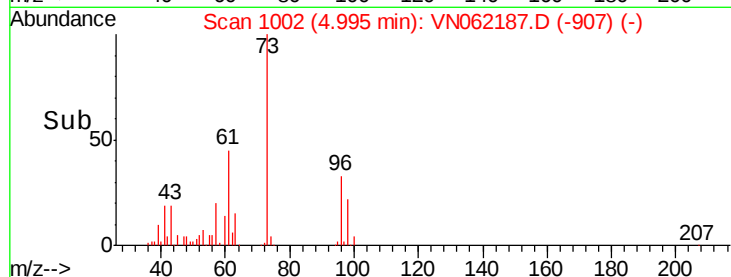
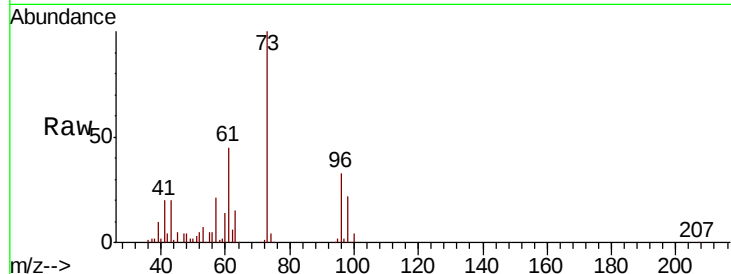




#19
Methvl tert-butvl Ether
Concen: 19.482 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VN062187.D
Acq: 29 Jun 2020 14:53

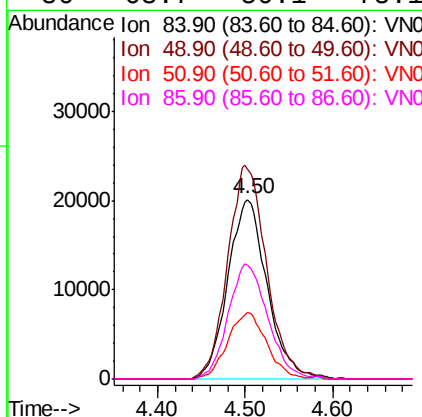
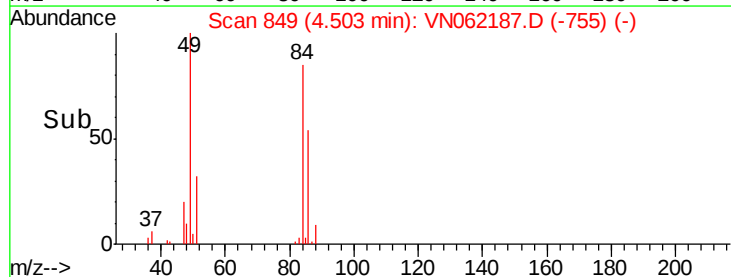
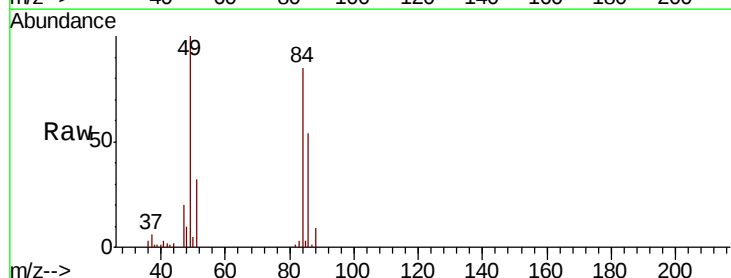
Instrument :
MSVOA_N
ClientSampleId :
VN0629WBSD01

Tot Ion: 73 Resp: 178193
Ion Ratio Lower Upper
73 100
57 20.7 16.6 24.8



#20
Methylene Chloride
Concen: 19.384 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062187.D
Acq: 29 Jun 2020 14:53

Tgt Ion: 84 Resp: 62674
Ion Ratio Lower Upper
84 100
49 117.0 90.6 136.0
51 37.0 27.8 41.8
86 63.7 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 17.541 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062187.D

Acq: 29 Jun 2020 14:53

Instrument :

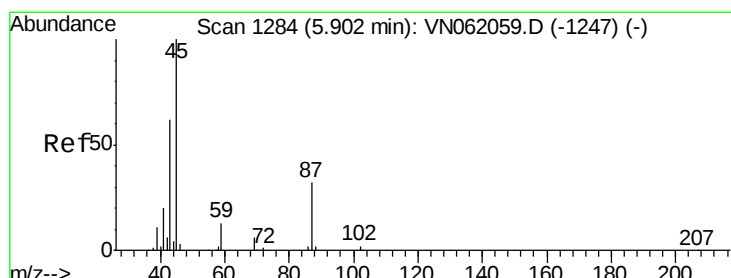
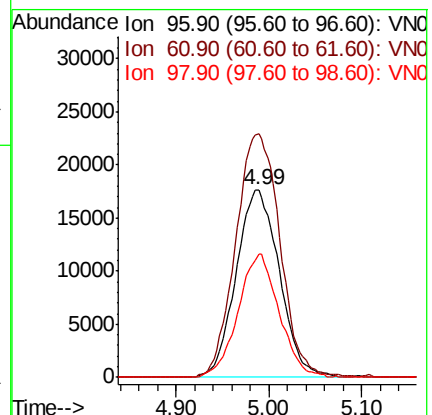
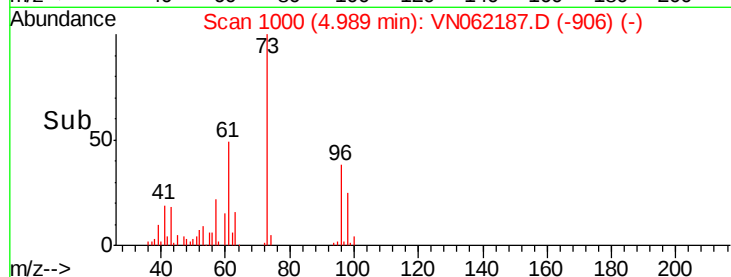
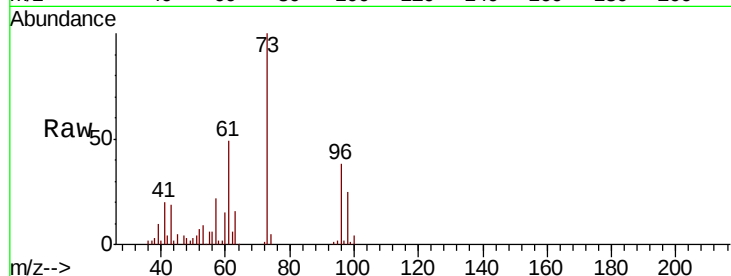
MSVOA_N

ClientSampleId :

VN0629WBSD01

Tot Ion: 96 Resp: 57197

Ion	Ratio	Lower	Upper
96	100		
61	129.8	101.4	152.2
98	65.7	49.3	73.9



#22

Diisopropyl ether

Concen: 19.515 ug/l

RT: 5.90 min Scan# 1284

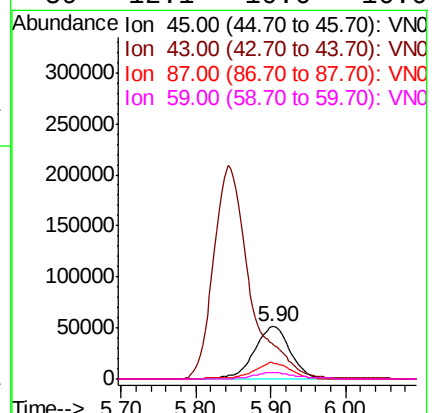
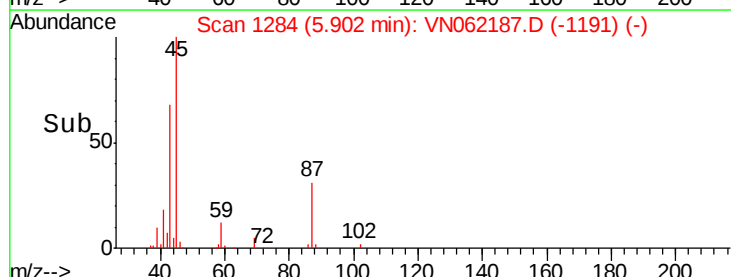
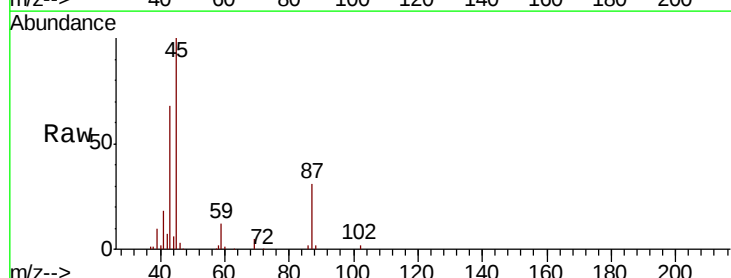
Delta R.T. 0.00 min

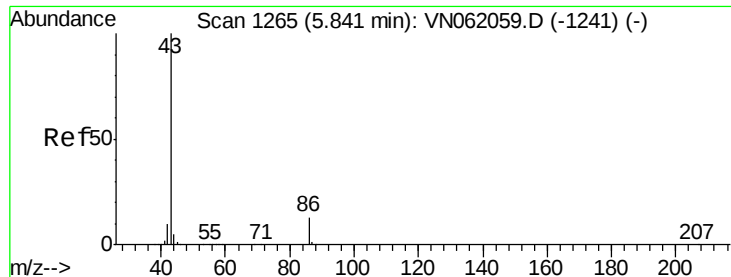
Lab File: VN062187.D

Acq: 29 Jun 2020 14:53

Tgt Ion: 45 Resp: 173157

Ion	Ratio	Lower	Upper
45	100		
43	65.7	49.7	74.5
87	31.0	25.9	38.9
59	12.1	10.6	16.0





#23

Vinyl Acetate

Concen: 97.761 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062187.D

Acq: 29 Jun 2020 14:53

Instrument :

MSVOA_N

ClientSampleID :

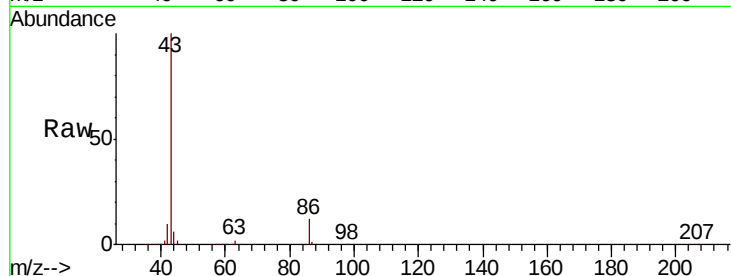
VN0629WBSD01

Tot Ion: 43 Resp: 708223

Ion Ratio Lower Upper

43 100

86 12.0 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN062187.D (-1172) (-)

Ion 86.00 (85.70 to 86.70): VN062187.D (-1172) (-)

5.84

250000

200000

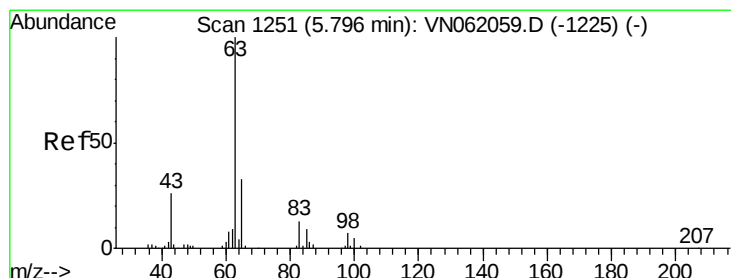
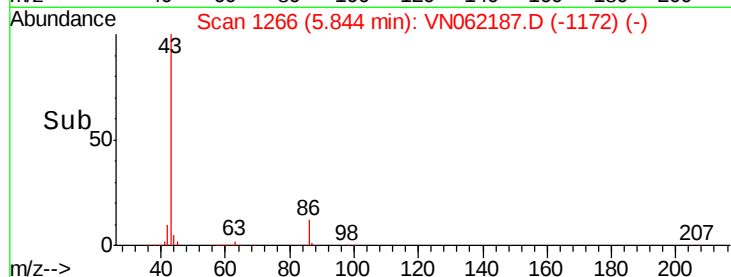
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.814 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN062187.D

Acq: 29 Jun 2020 14:53

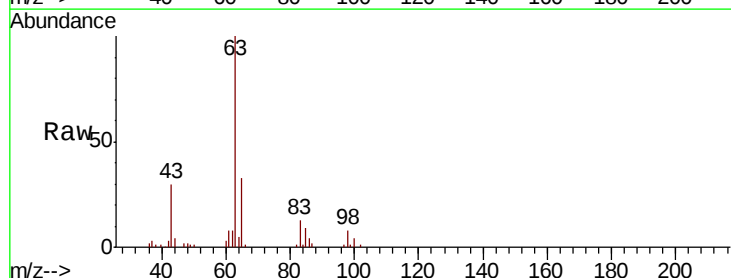
Tgt Ion: 63 Resp: 107499

Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.9

100 4.1 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062187.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062187.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062187.D (-1158) (-)

5.80

40000

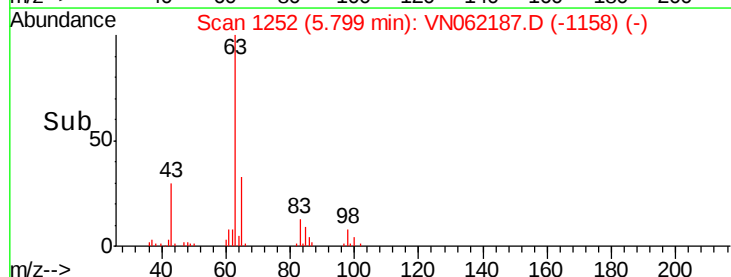
30000

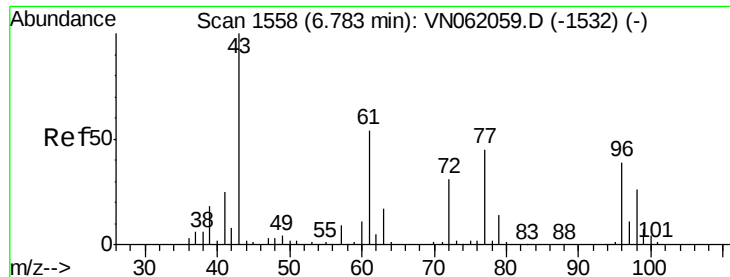
20000

10000

0

Time-->

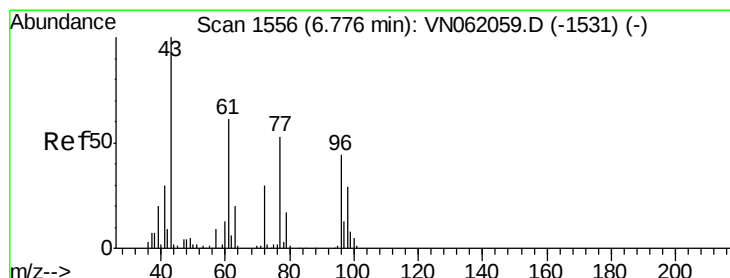
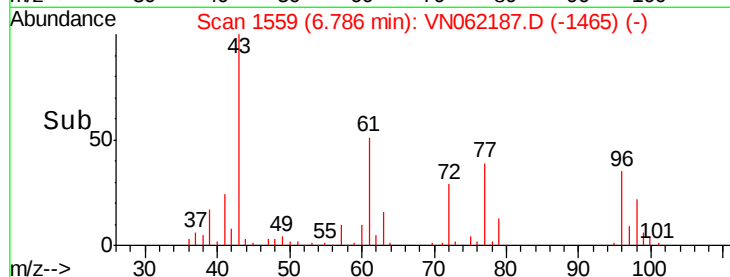
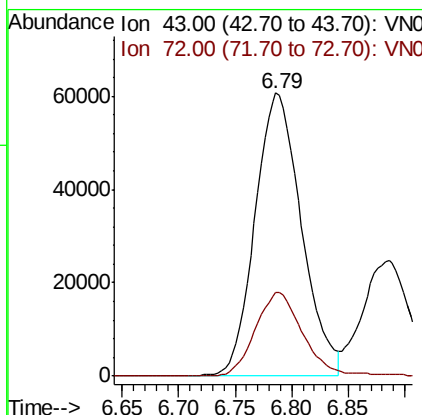
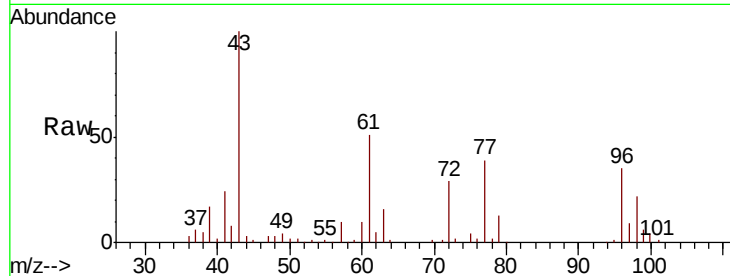




#25
2-Butanone
Concen: 101.089 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062187.D
Acq: 29 Jun 2020 14:53

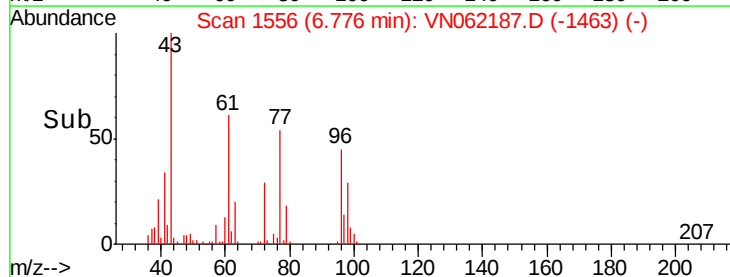
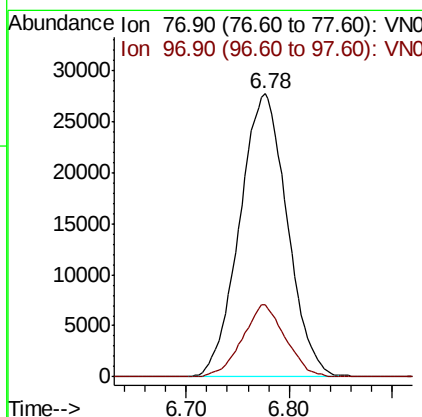
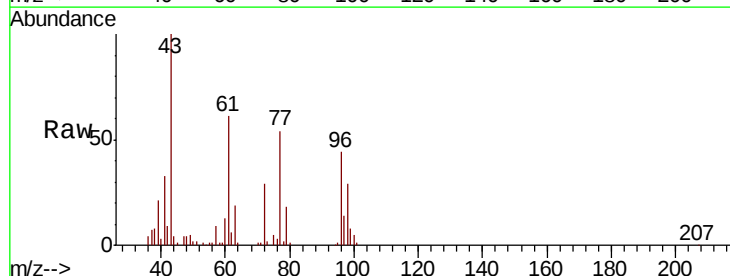
Instrument :
MSVOA_N
ClientSampled :
VN0629WBSD01

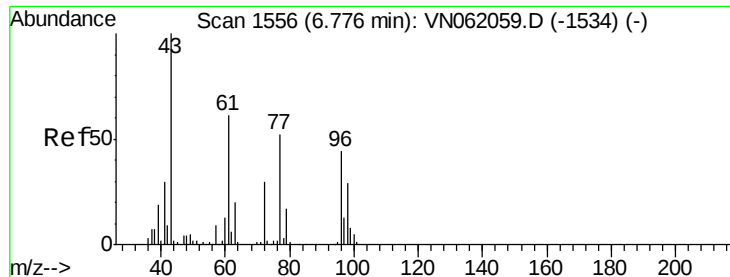
Tot Ion: 43 Resp: 172850
Ion Ratio Lower Upper
43 100
72 29.4 24.8 37.2



#26
2,2-Dichloropropane
Concen: 18.653 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN062187.D
Acq: 29 Jun 2020 14:53

Tgt Ion: 77 Resp: 88815
Ion Ratio Lower Upper
77 100
97 23.0 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 18.009 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062187.D

Acq: 29 Jun 2020 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBSD01

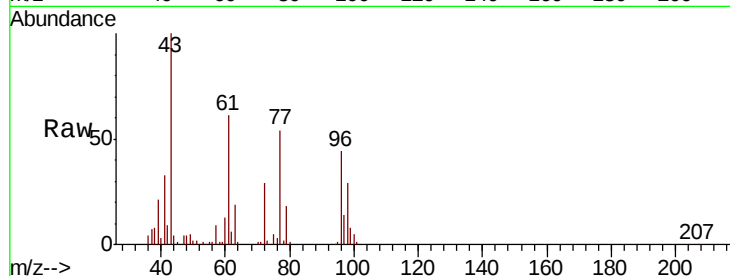
Tot Ion: 96 Resp: 66078

Ion Ratio Lower Upper

96 100

61 145.6 0.0 280.4

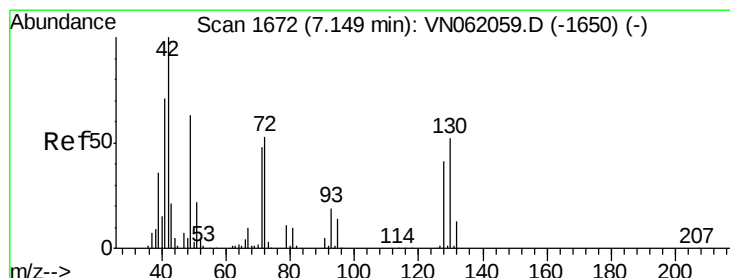
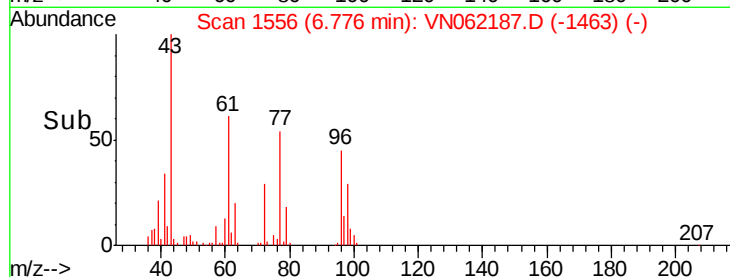
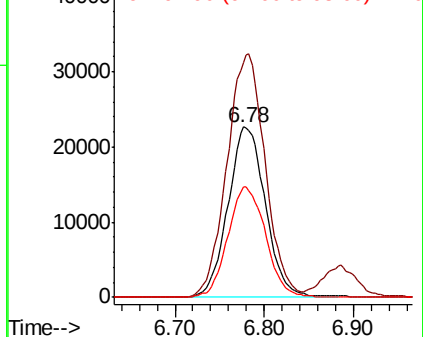
98 65.1 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062187.D (-1463) (-)

Ion 60.90 (60.60 to 61.60): VN062187.D (-1463) (-)

Ion 97.90 (97.60 to 98.60): VN062187.D (-1463) (-)



#28

Bromochloromethane

Concen: 18.118 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN062187.D

Acq: 29 Jun 2020 14:53

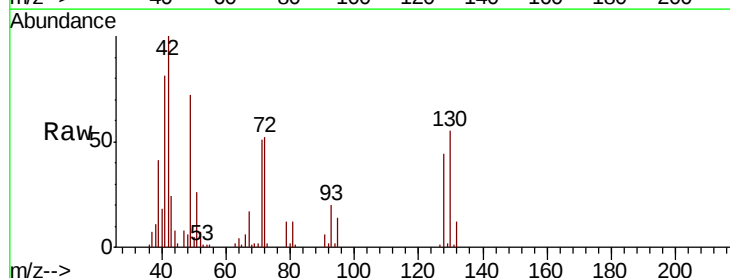
Tgt Ion: 49 Resp: 44917

Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.4

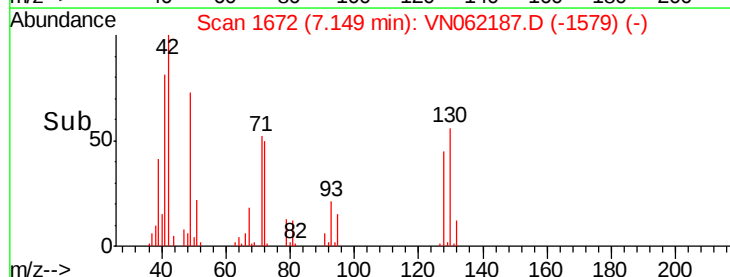
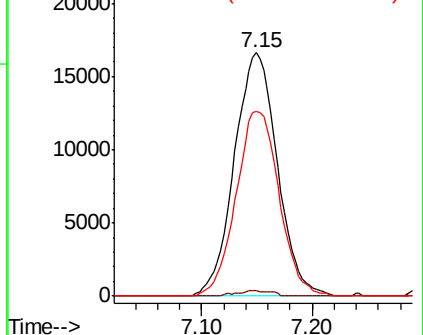
130 76.2 65.5 98.3

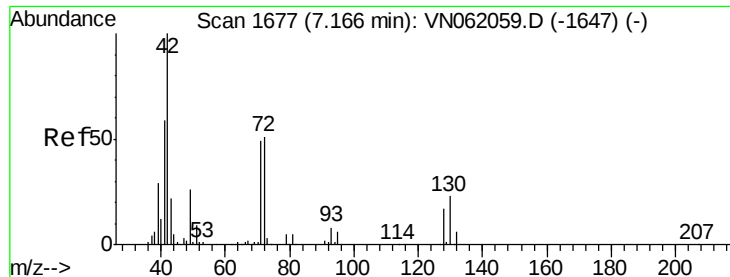


Abundance Ion 48.90 (48.60 to 49.60): VN062187.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062187.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN062187.D (-1579) (-)





#29

Tetrahydrofuran

Concen: 101.138 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN062187.D

Acq: 29 Jun 2020 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBSD01

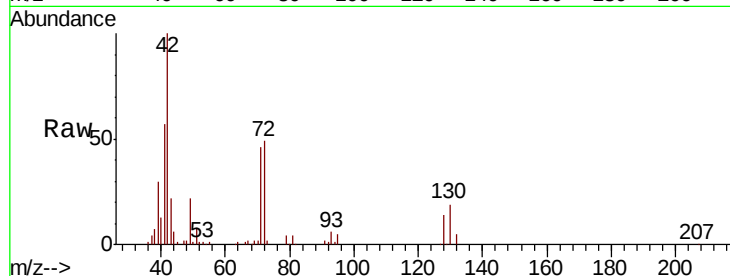
Tot Ion: 42 Resp: 113280

Ion Ratio Lower Upper

42 100

72 49.9 41.1 61.7

71 46.8 38.2 57.4

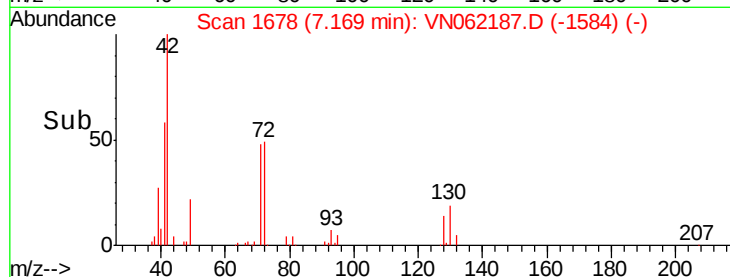


Abundance Ion 42.00 (41.70 to 42.70): VN062059.D (-1647) (-)

Ion 72.00 (71.70 to 72.70): VN062059.D (-1647) (-)

Ion 71.00 (70.70 to 71.70): VN062059.D (-1647) (-)

Time-->

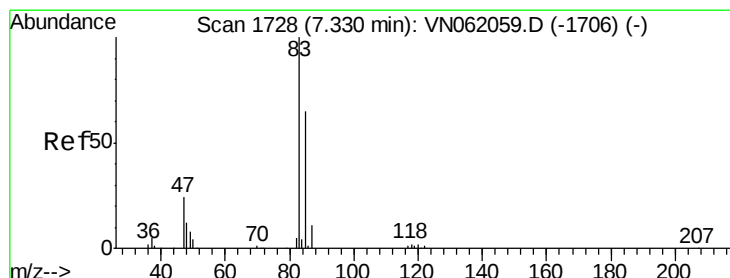


Abundance Ion 42.00 (41.70 to 42.70): VN062187.D (-1584) (-)

Ion 72.00 (71.70 to 72.70): VN062187.D (-1584) (-)

Ion 71.00 (70.70 to 71.70): VN062187.D (-1584) (-)

Time-->



#30

Chloroform

Concen: 18.551 ug/l

RT: 7.33 min Scan# 1728

Delta R.T. -0.00 min

Lab File: VN062187.D

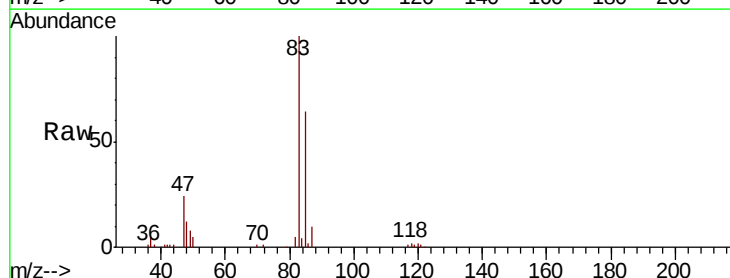
Acq: 29 Jun 2020 14:53

Tgt Ion: 83 Resp: 107843

Ion Ratio Lower Upper

83 100

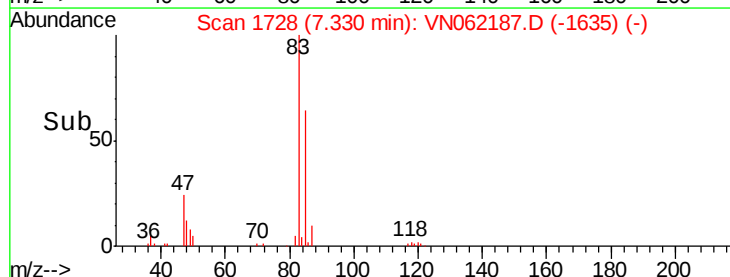
85 63.8 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN062059.D (-1706) (-)

Ion 84.90 (84.60 to 85.60): VN062059.D (-1706) (-)

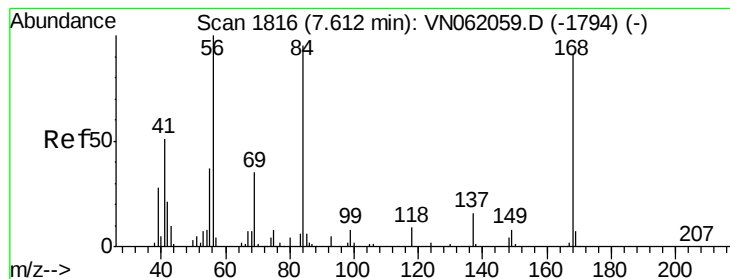
Time-->



Abundance Ion 82.90 (82.60 to 83.60): VN062187.D (-1635) (-)

Ion 84.90 (84.60 to 85.60): VN062187.D (-1635) (-)

Time-->



#31

Cyclohexane

Concen: 18.916 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062187.D

Acq: 29 Jun 2020 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBSD01

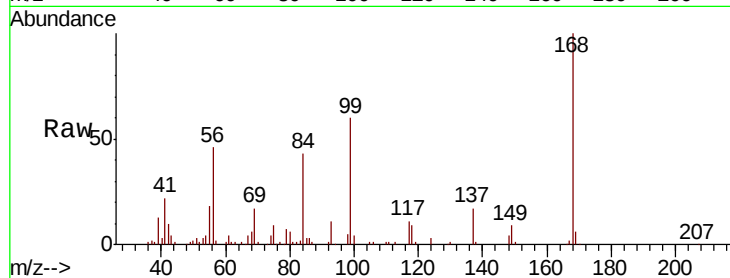
Tot Ion: 56 Resp: 91422

Ion Ratio Lower Upper

56 100

69 37.4 28.0 42.0

84 91.6 76.1 114.1

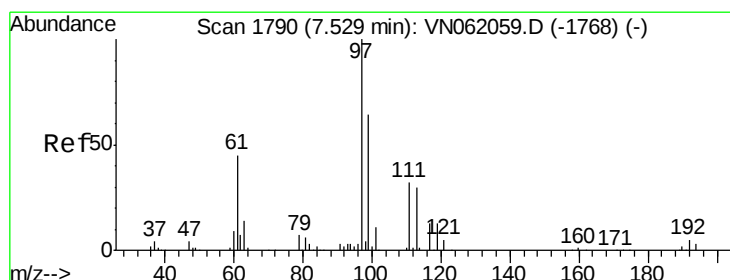
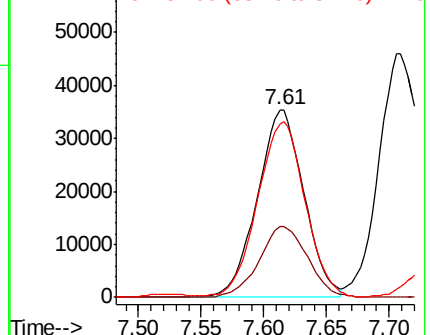
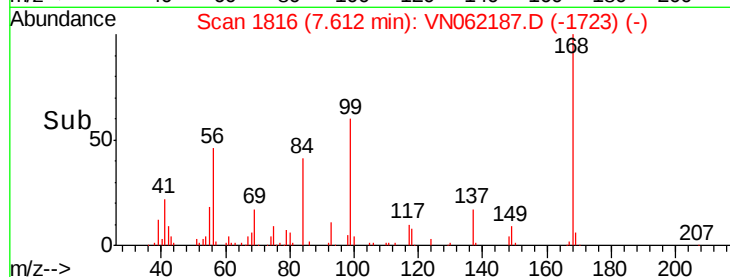


Abundance

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: 18.373 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062187.D

Acq: 29 Jun 2020 14:53

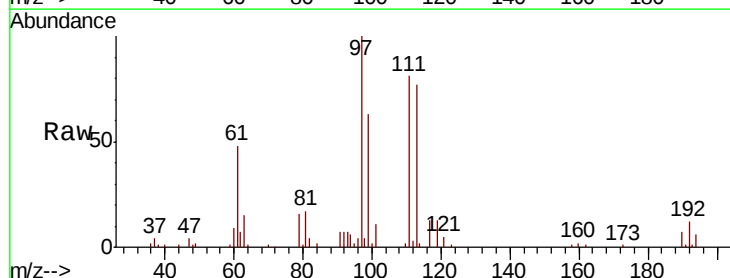
Tgt Ion: 97 Resp: 90076

Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.4

61 47.1 36.2 54.2

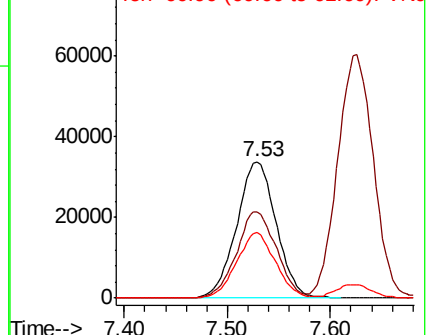
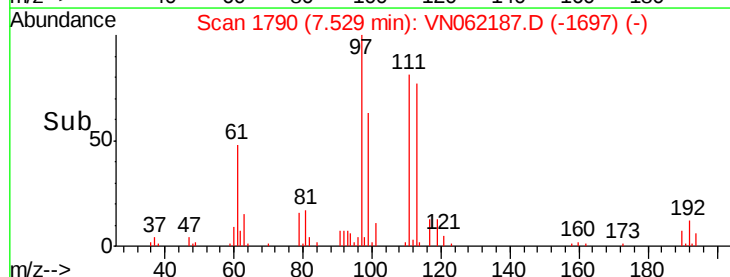


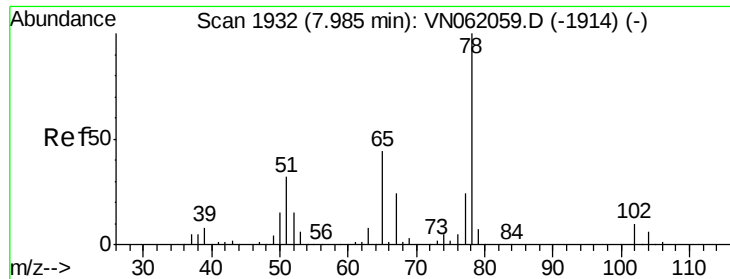
Abundance

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

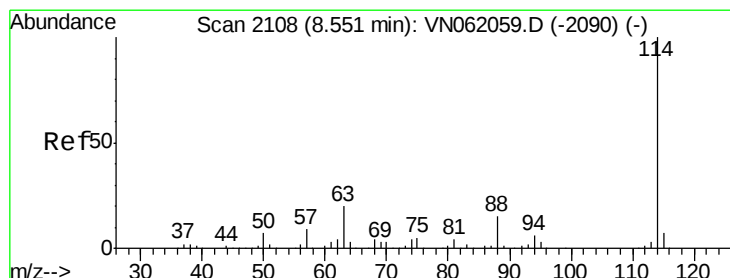
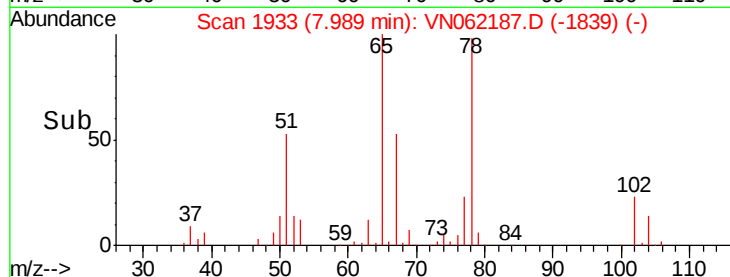
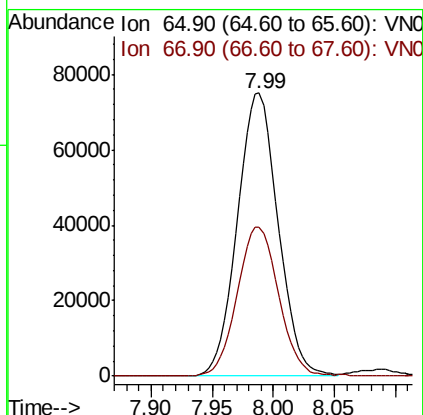
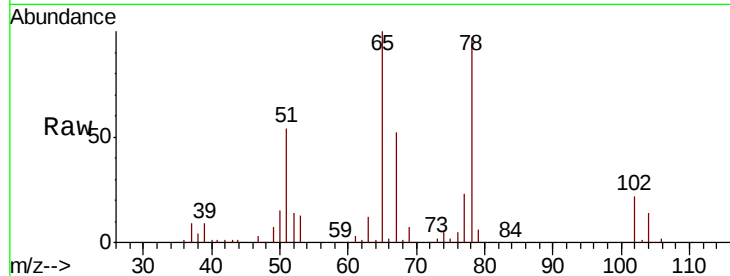




#33
 1,2-Dichloroethane-d4
 Concen: 49.636 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062187.D
 Acq: 29 Jun 2020 14:53

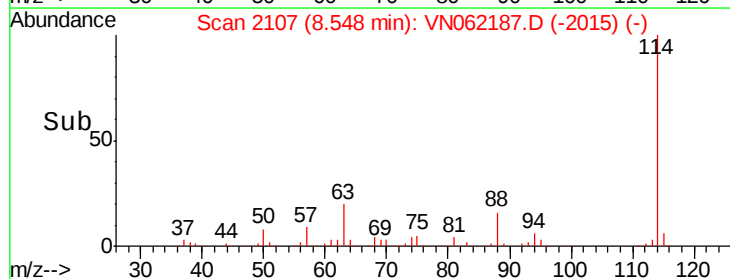
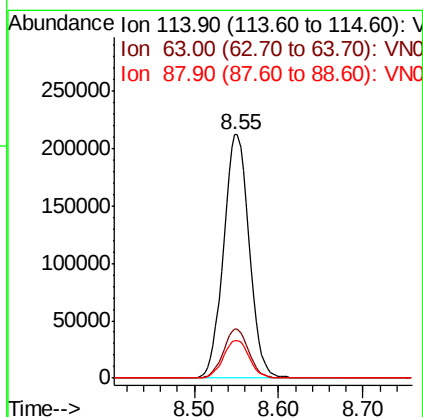
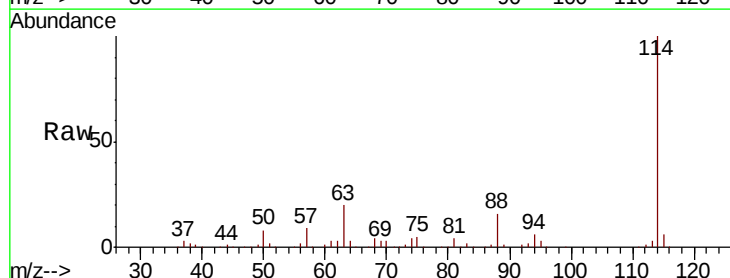
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBSD01

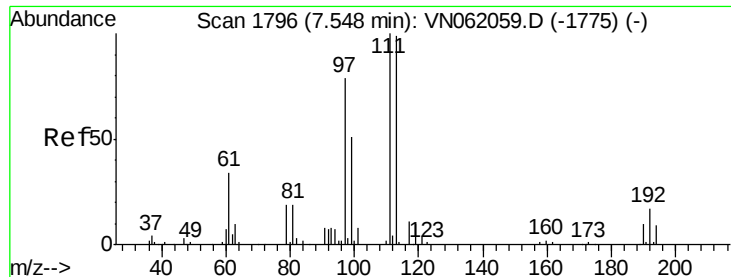
Tot Ion: 65 Resp: 173638
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062187.D
 Acq: 29 Jun 2020 14:53

Tgt Ion: 114 Resp: 448305
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.2
 88 15.6 0.0 30.8

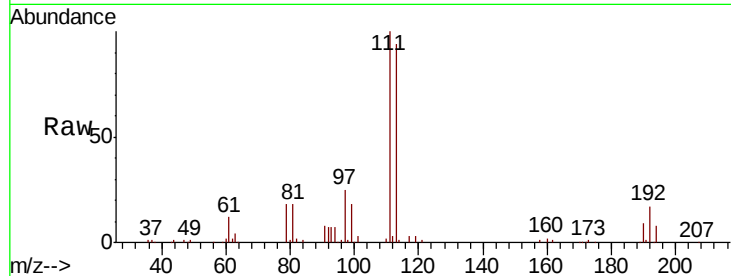




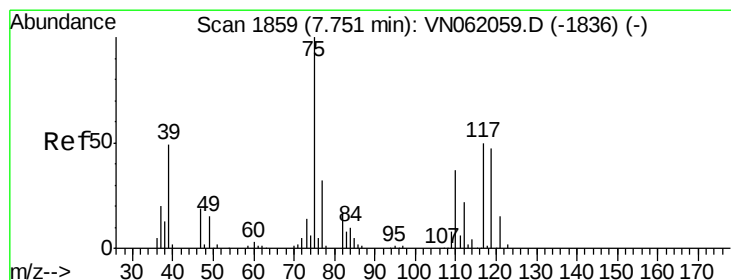
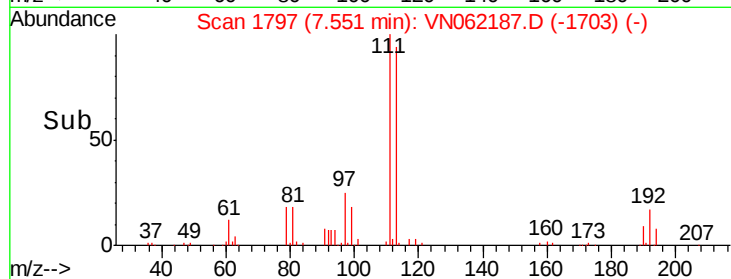
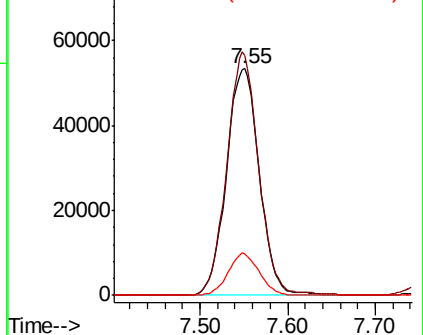
#35
 Dibromofluoromethane
 Concen: 48.379 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN062187.D
 Acq: 29 Jun 2020 14:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.4
192	17.5	14.0	21.0

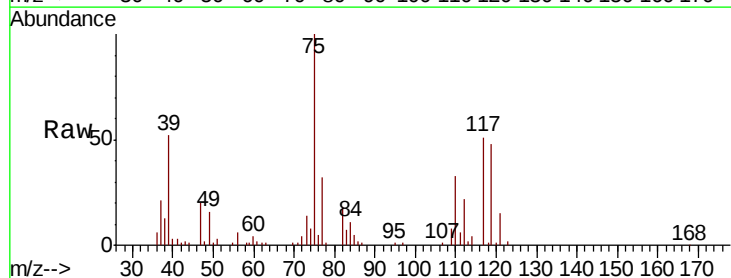


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

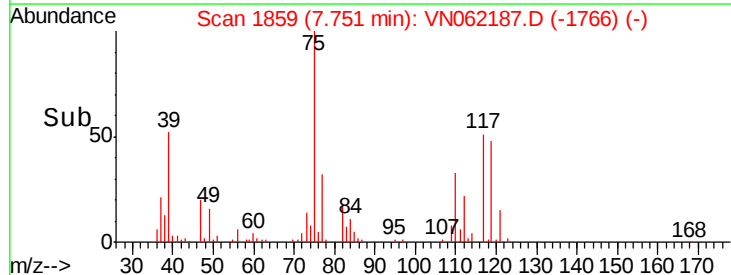
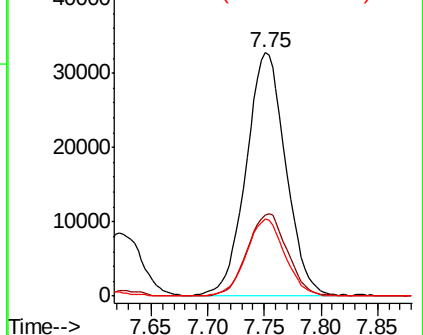


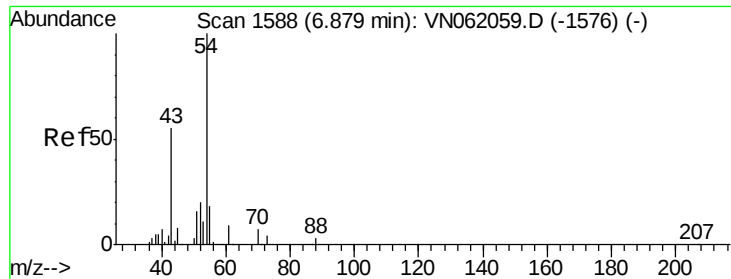
#36
 1,1-Dichloropropene
 Concen: 17.749 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN062187.D
 Acq: 29 Jun 2020 14:53

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.0	17.9	53.8
77	30.8	24.9	37.3



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

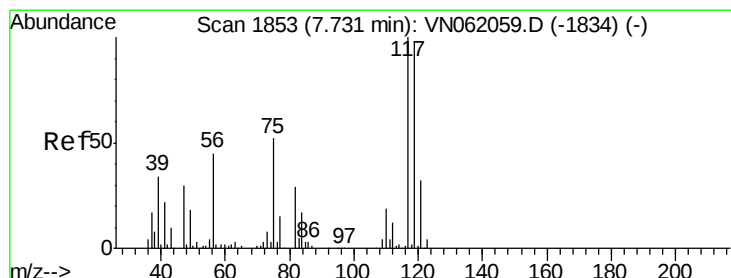
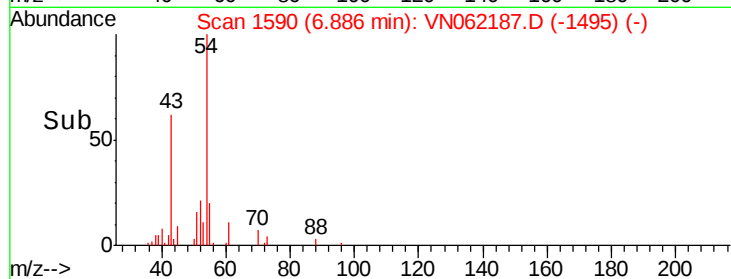
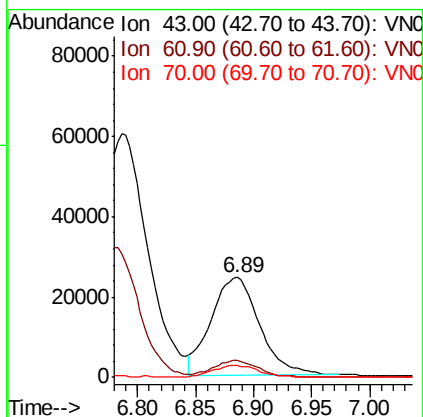
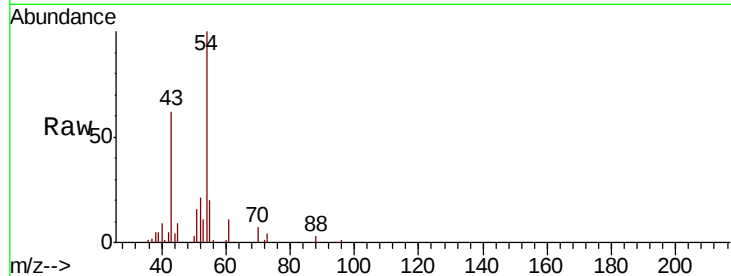




#37
Ethyl Acetate
Concen: 19.221 ug/l
RT: 6.89 min Scan# 1590
Delta R.T. 0.01 min
Lab File: VN062187.D
Acq: 29 Jun 2020 14:53

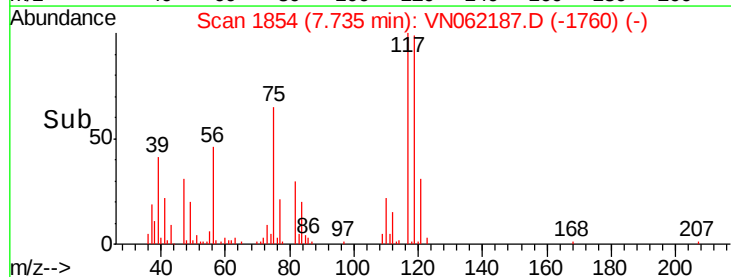
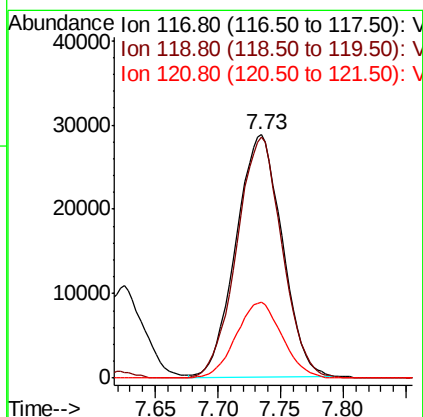
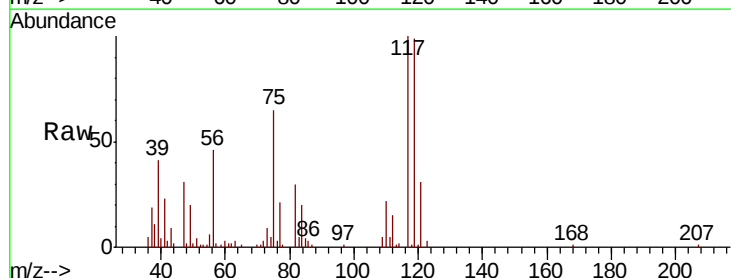
Instrument :
MSVOA_N
ClientSampleId :
VN0629WBSD01

Tot Ion: 43 Resp: 71719
Ion Ratio Lower Upper
43 100
61 16.4 12.0 18.0
70 11.6 9.6 14.4



#38
Carbon Tetrachloride
Concen: 17.261 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062187.D
Acq: 29 Jun 2020 14:53

Tgt Ion: 117 Resp: 73329
Ion Ratio Lower Upper
117 100
119 99.8 78.2 117.2
121 31.4 25.8 38.6

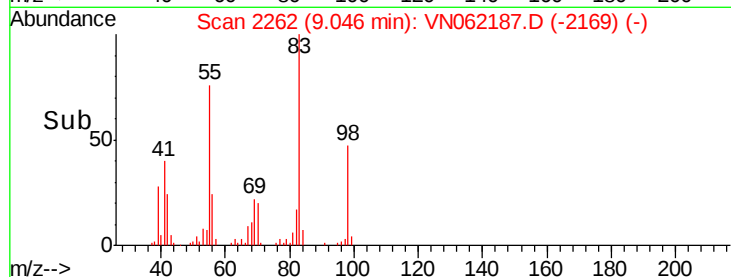
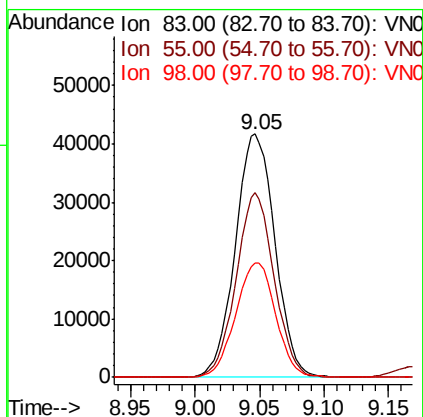
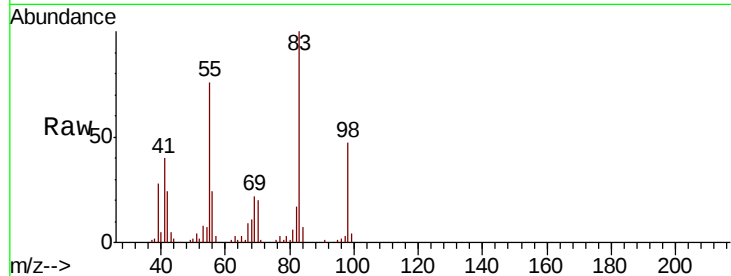




#39
Methvlcvclohexane
Concen: 18.063 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062187.D
Acq: 29 Jun 2020 14:53

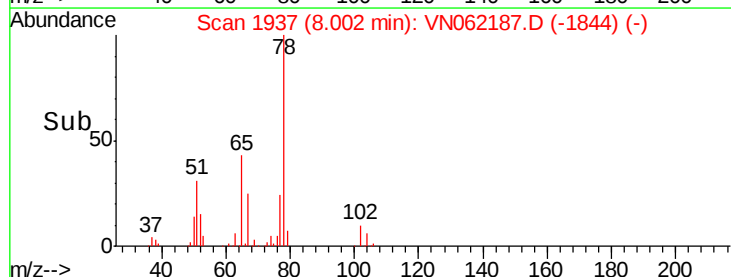
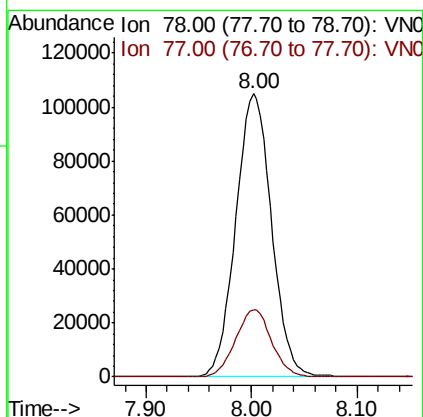
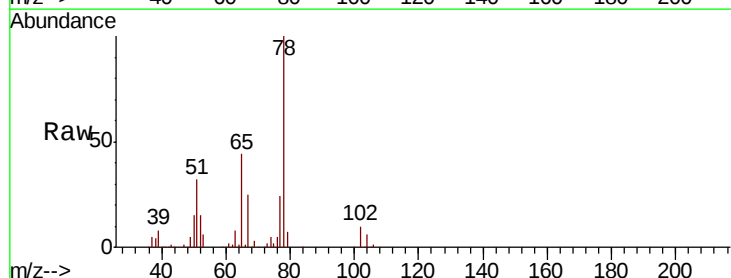
Instrument :
MSVOA_N
ClientSampleId :
VN0629WBSD01

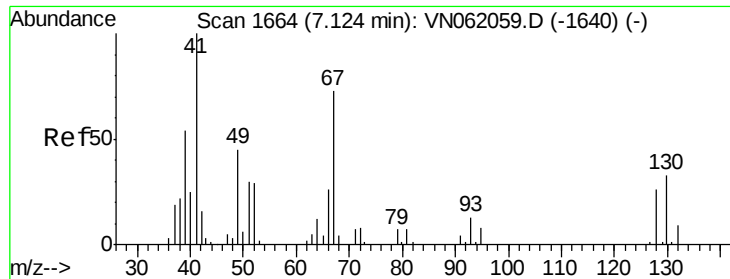
Tot Ion: 83 Resp: 89182
Ion Ratio Lower Upper
83 100
55 75.8 57.0 85.6
98 46.7 39.0 58.6



#40
Benzene
Concen: 18.008 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062187.D
Acq: 29 Jun 2020 14:53

Tgt Ion: 78 Resp: 247335
Ion Ratio Lower Upper
78 100
77 23.8 19.5 29.3

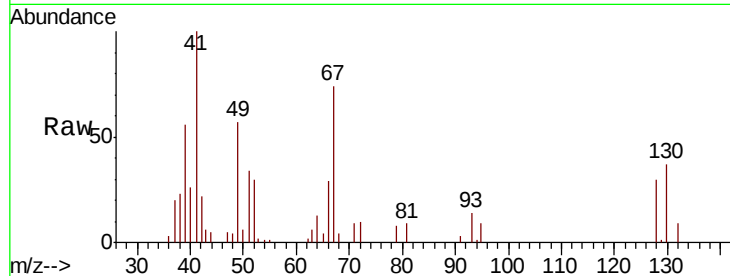




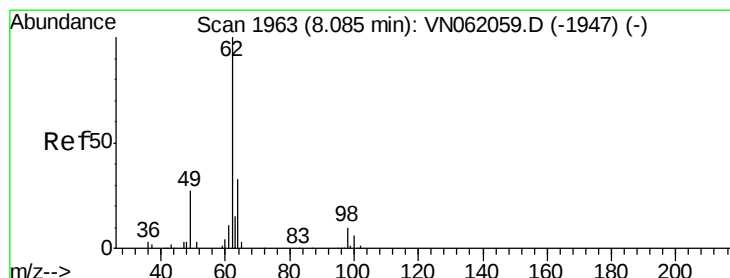
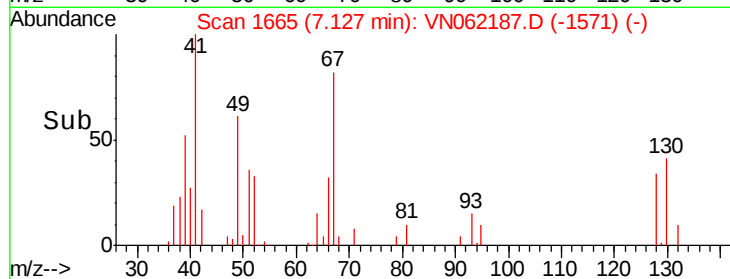
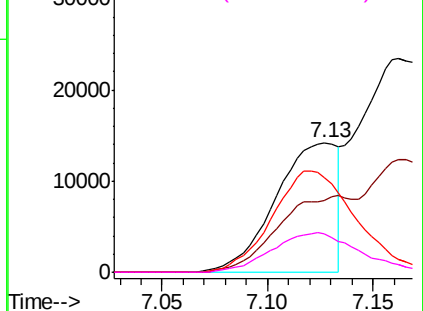
#41
Methacrylonitrile
Concen: 16.819 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062187.D
Acq: 29 Jun 2020 14:53

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBSD01

Tot Ion:	41	Resp:	29094
Ion	Ratio	Lower	Upper
41	100		
39	68.3	44.2	66.2#
67	107.5	79.5	119.3
52	43.6	32.3	48.5

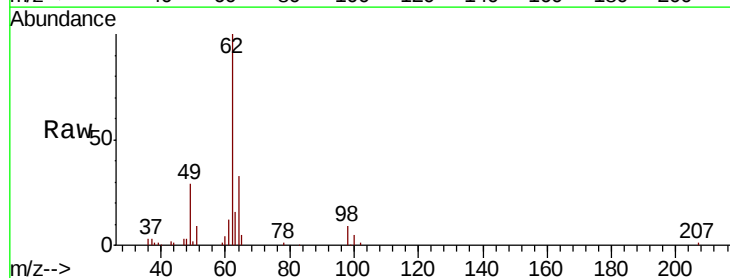


Abundance Ion 41.00 (40.70 to 41.70): VN062059.D (-1640) (-)

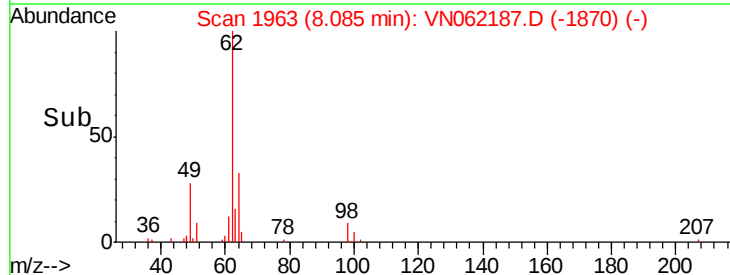
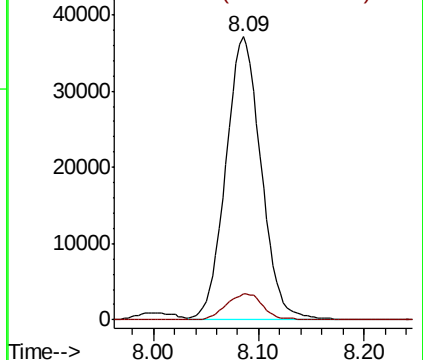


#42
1,2-Dichloroethane
Concen: 18.607 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062187.D
Acq: 29 Jun 2020 14:53

Tgt Ion:	62	Resp:	86344
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.8



Abundance Ion 61.90 (61.60 to 62.60): VN062059.D (-1947) (-)





#43

Isopropyl Acetate

Concen: 19.709 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062187.D

Acq: 29 Jun 2020 14:53

Instrument :

MSVOA_N

ClientSampled :

VN0629WBSD01

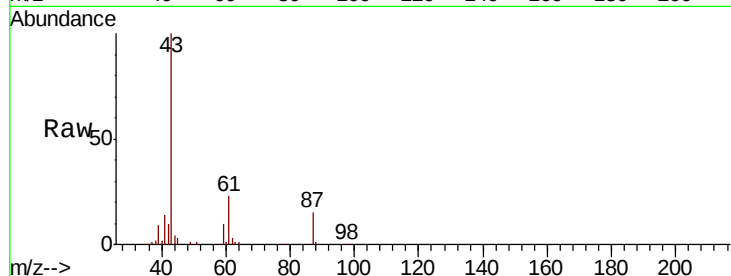
Tot Ion: 43 Resp: 119883

Ion Ratio Lower Upper

43 100

61 21.5 17.2 25.8

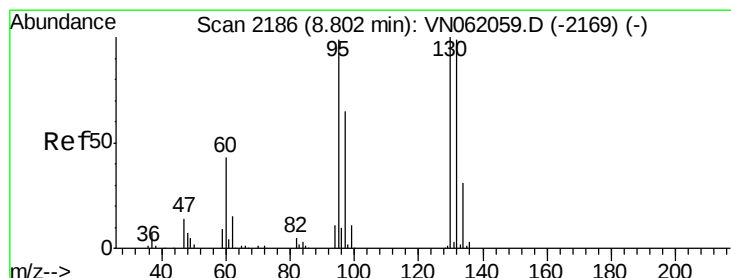
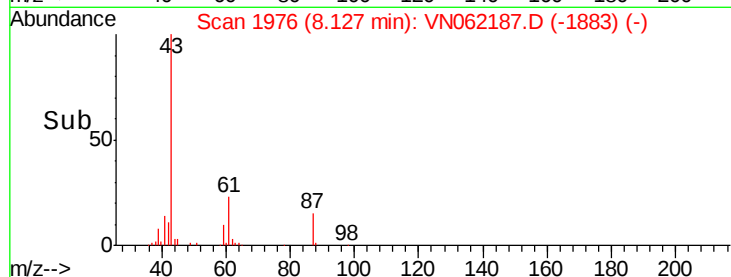
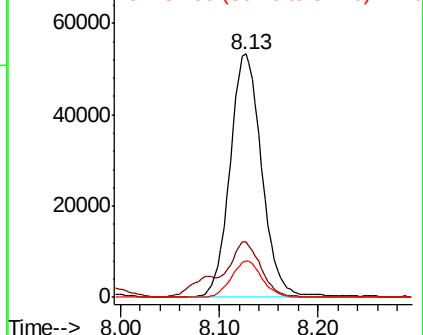
87 14.4 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062059.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062059.D (-1953) (-)



#44

Trichloroethene

Concen: 17.754 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062187.D

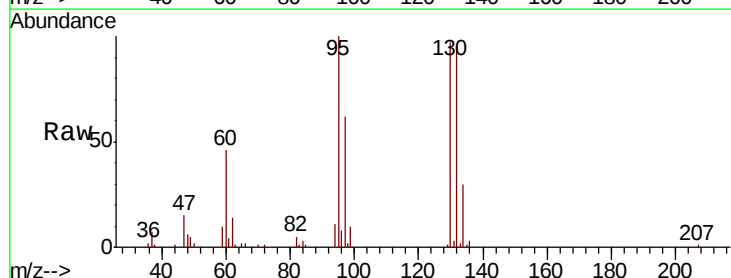
Acq: 29 Jun 2020 14:53

Tgt Ion: 130 Resp: 61510

Ion Ratio Lower Upper

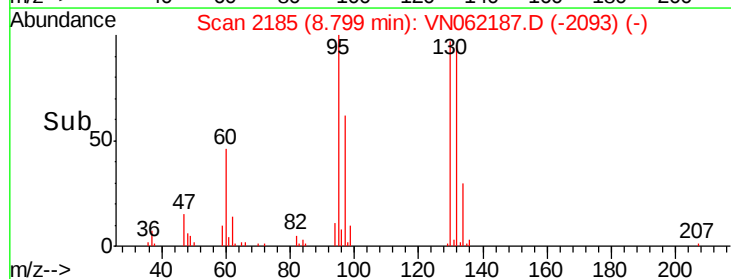
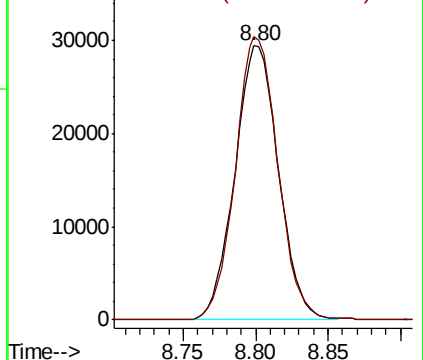
130 100

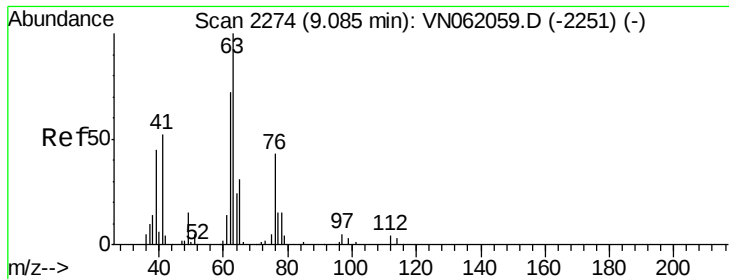
95 103.2 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062059.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN062059.D (-2169) (-)

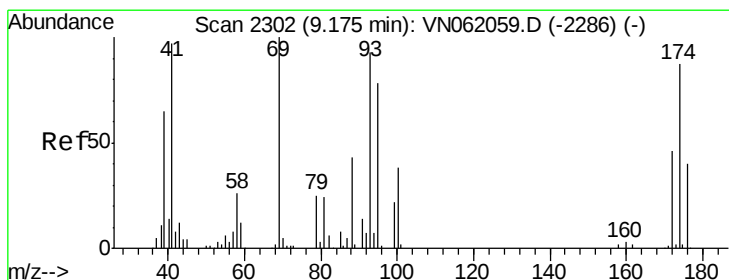
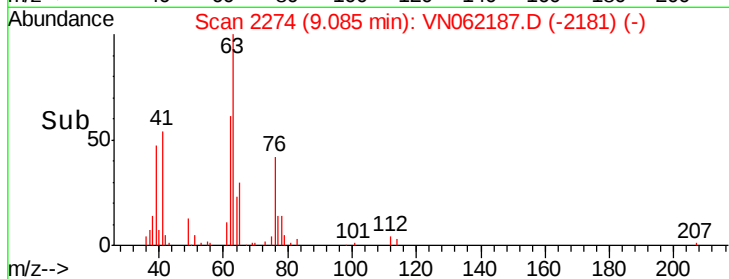
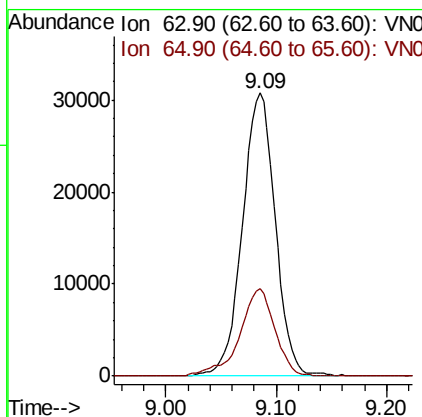
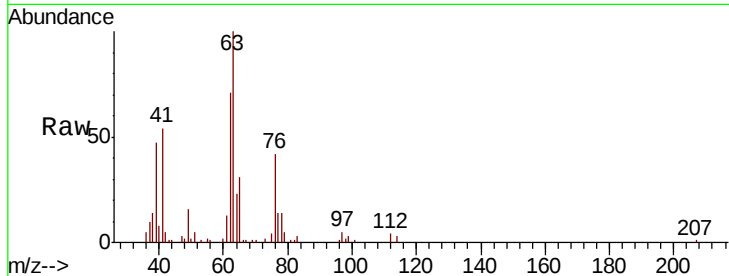




#45
 1,2-Dichloropropane
 Concen: 18.726 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062187.D
 Acq: 29 Jun 2020 14:53

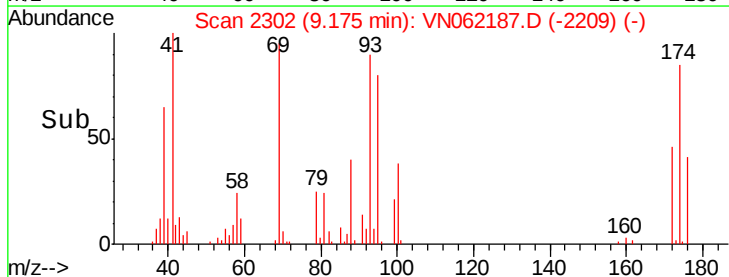
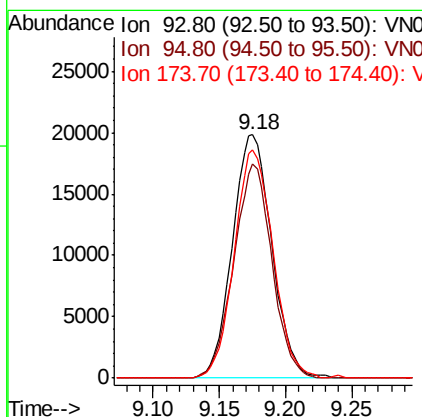
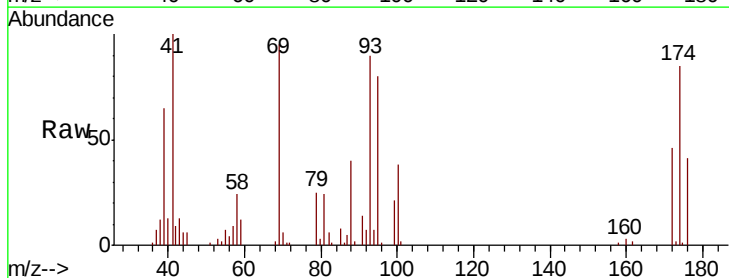
Instrument :
 MSVOA_N
 ClientSampled :
 VN0629WBSD01

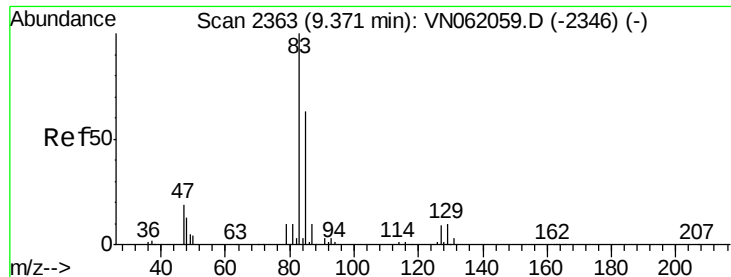
Tot Ion: 63 Resp: 63450
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.0 37.4



#46
 Dibromomethane
 Concen: 17.851 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062187.D
 Acq: 29 Jun 2020 14:53

Tgt Ion: 93 Resp: 41009
 Ion Ratio Lower Upper
 93 100
 95 84.9 67.0 100.6
 174 92.0 74.4 111.6

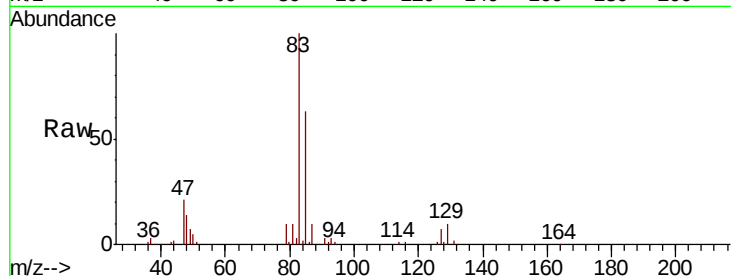




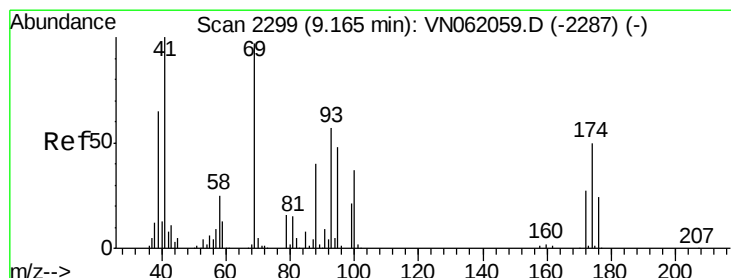
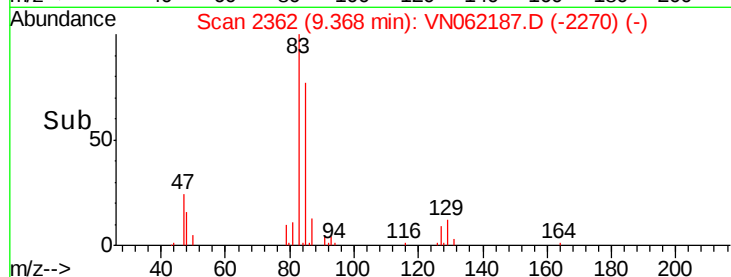
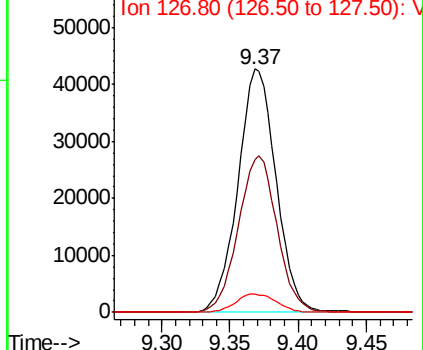
#47
Bromodichloromethane
Concen: 17.878 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062187.D
Acq: 29 Jun 2020 14:53

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBSD01

Tot Ion: 83 Resp: 82930
Ion Ratio Lower Upper
83 100
85 62.6 50.3 75.5
127 7.4 6.9 10.3

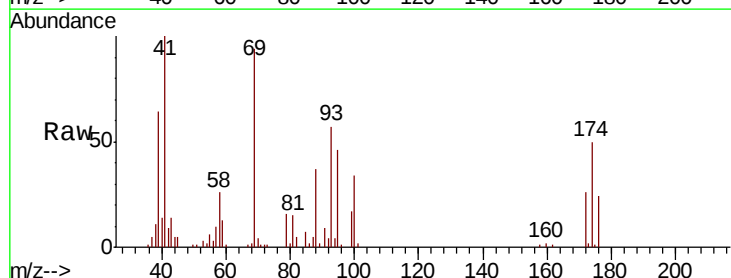


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

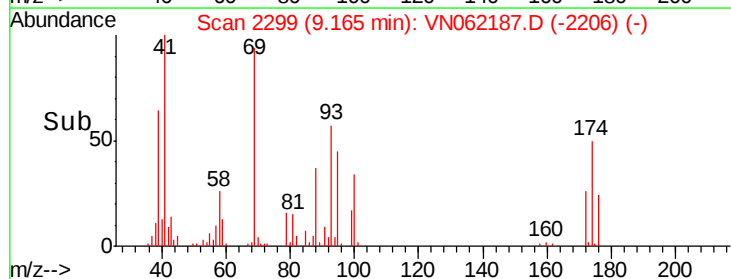
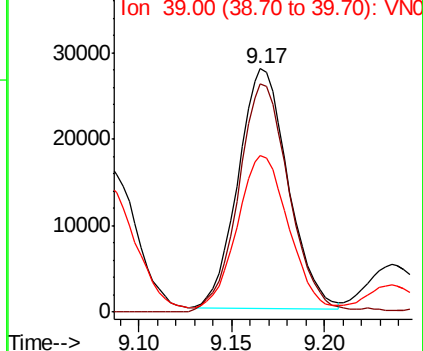


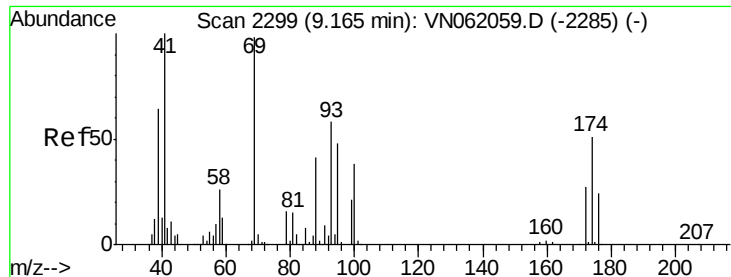
#48
Methyl methacrylate
Concen: 19.071 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062187.D
Acq: 29 Jun 2020 14:53

Tgt Ion: 41 Resp: 52013
Ion Ratio Lower Upper
41 100
69 96.4 80.7 121.1
39 68.5 54.5 81.7



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

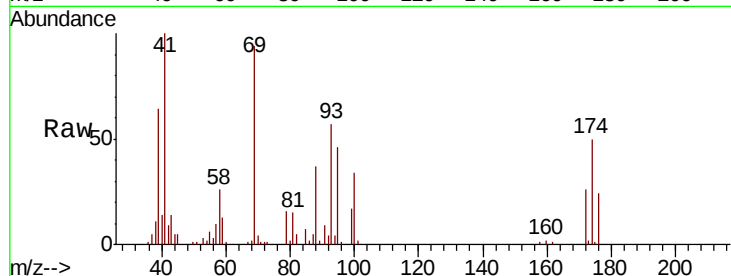




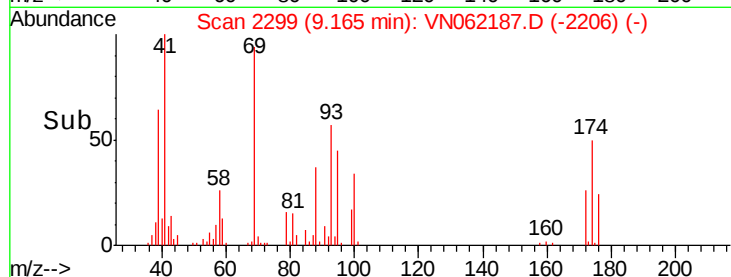
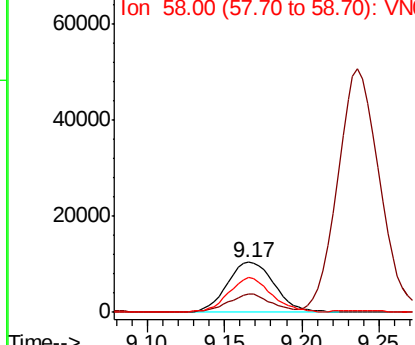
#49
 1,4-Dioxane
 Concen: 367.205 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VN062187.D
 Acq: 29 Jun 2020 14:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBSD01

Tot Ion: 88 Resp: 22209
 Ion Ratio Lower Upper
 88 100
 43 33.4 22.0 33.0#
 58 62.9 49.2 73.8

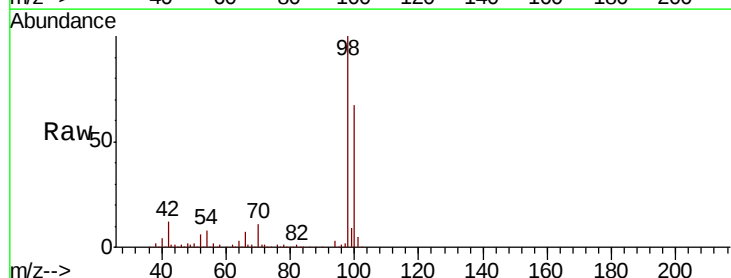


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

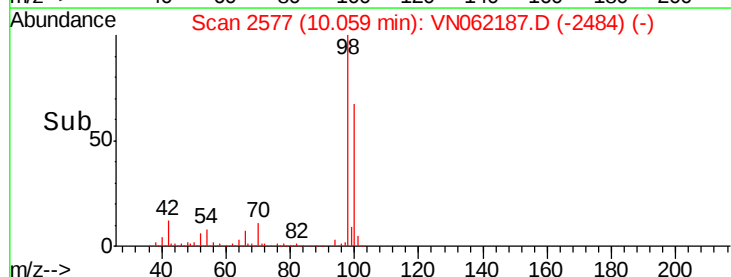
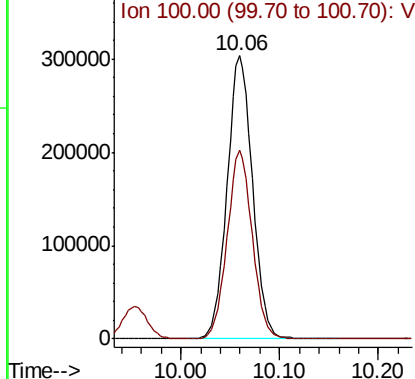


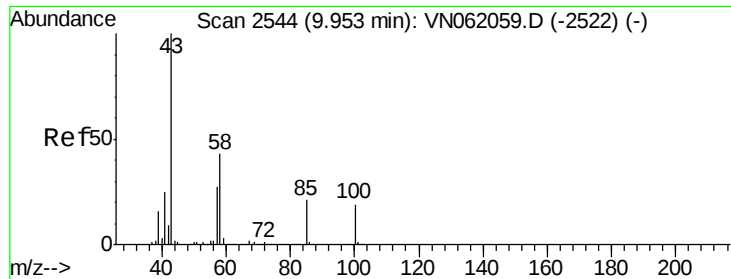
#50
 Toluene-d8
 Concen: 47.637 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062187.D
 Acq: 29 Jun 2020 14:53

Tgt Ion: 98 Resp: 547669
 Ion Ratio Lower Upper
 98 100
 100 65.8 51.2 76.8



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

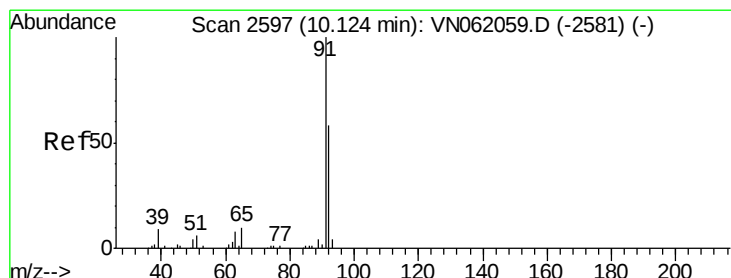
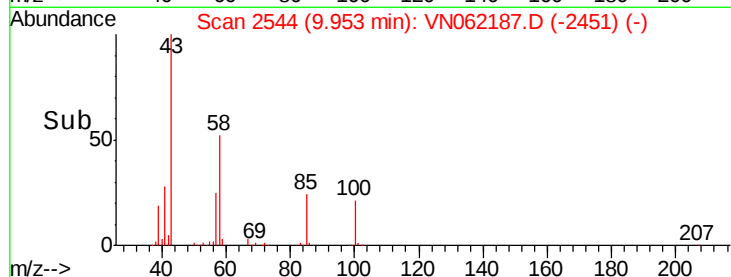
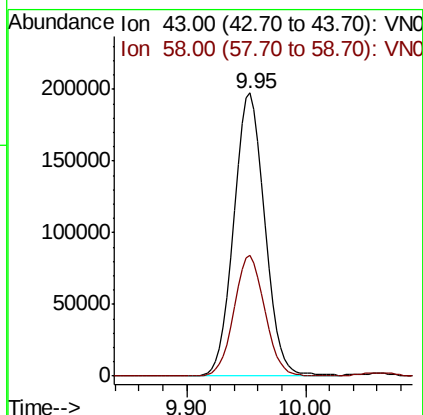
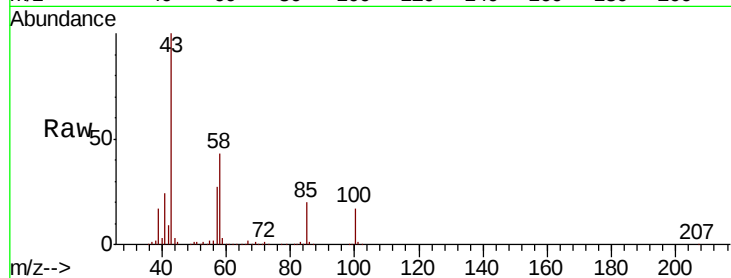




#51
 4-Methyl-2-Pentanone
 Concen: 100.468 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN062187.D
 Acq: 29 Jun 2020 14:53

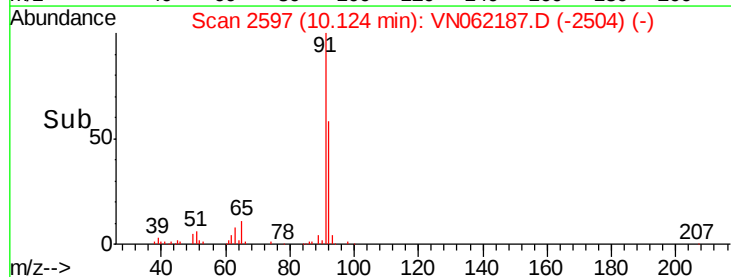
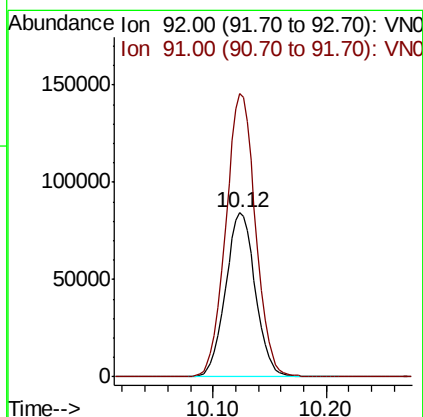
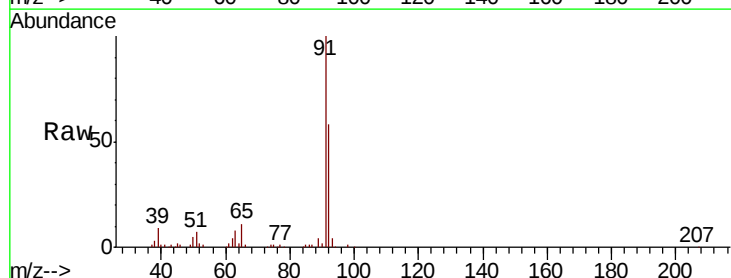
Instrument :
 MSVOA_N
 ClientSampled :
 VN0629WBSD01

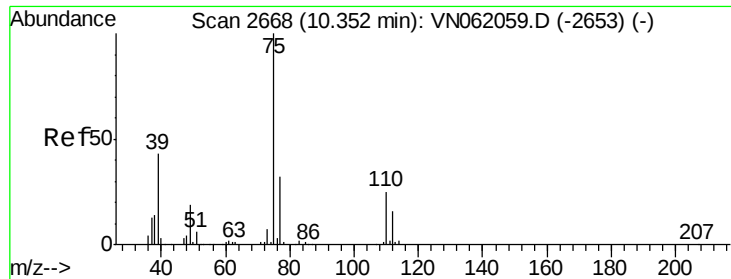
Tot Ion: 43 Resp: 357047
 Ion Ratio Lower Upper
 43 100
 58 42.4 34.2 51.2



#52
 Toluene
 Concen: 18.389 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062187.D
 Acq: 29 Jun 2020 14:53

Tgt Ion: 92 Resp: 154100
 Ion Ratio Lower Upper
 92 100
 91 172.2 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 18.519 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062187.D

Acq: 29 Jun 2020 14:53

Instrument :

MSVOA_N

ClientSampleId :

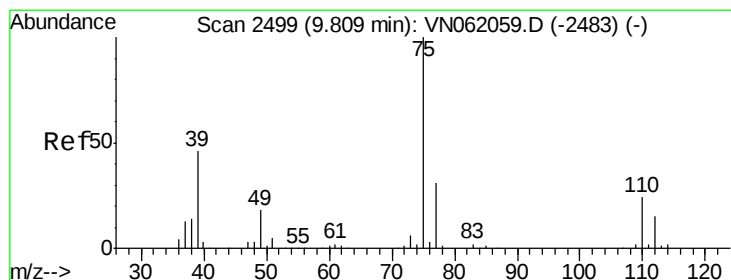
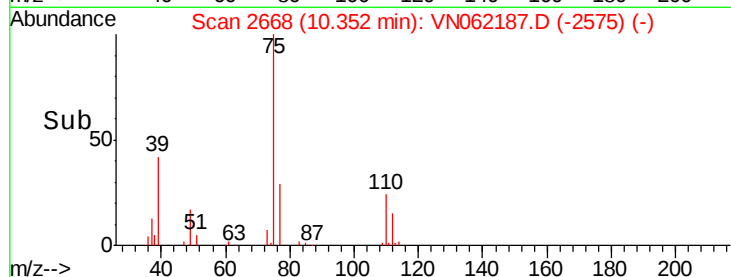
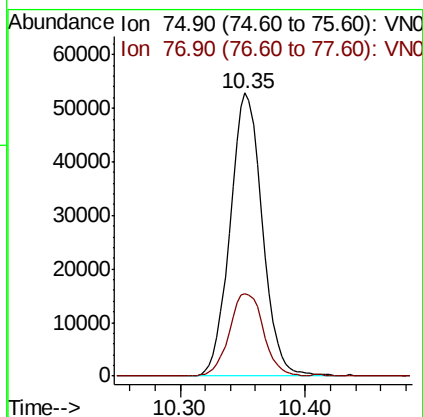
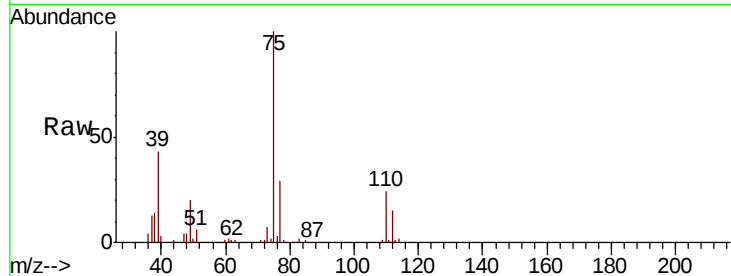
VN0629WBSD01

Tot Ion: 75 Resp: 94509

Ion Ratio Lower Upper

75 100

77 29.3 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 18.831 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062187.D

Acq: 29 Jun 2020 14:53

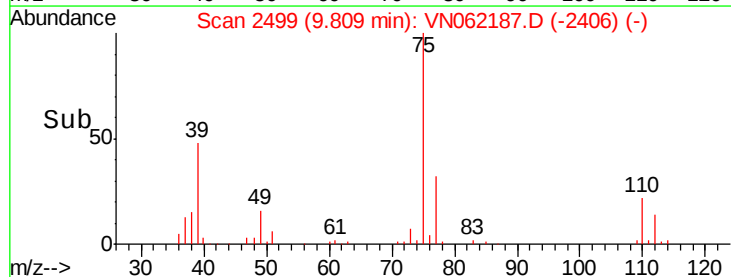
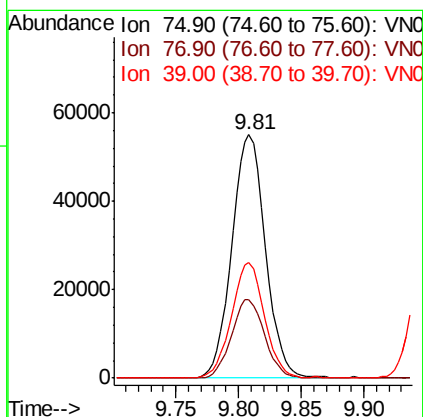
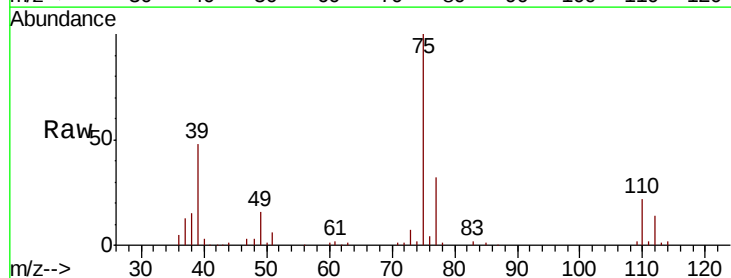
Tgt Ion: 75 Resp: 102314

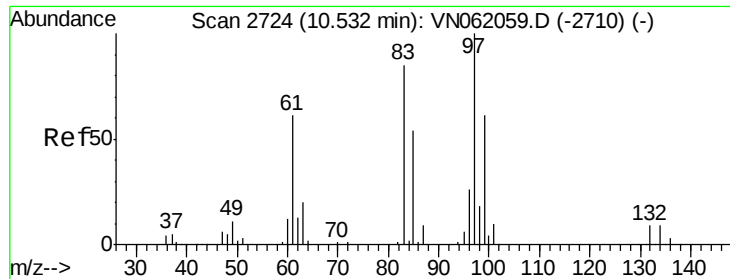
Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.6

39 47.7 36.9 55.3





#55

1,1,2-Trichloroethane

Concen: 18.646 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062187.D

Acq: 29 Jun 2020 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBSD01

Tot Ion: 97 Resp: 61422

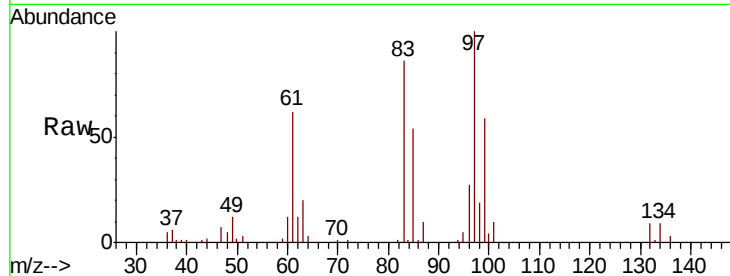
Ion Ratio Lower Upper

97 100

83 86.4 68.2 102.2

85 53.6 43.2 64.8

99 59.1 48.5 72.7

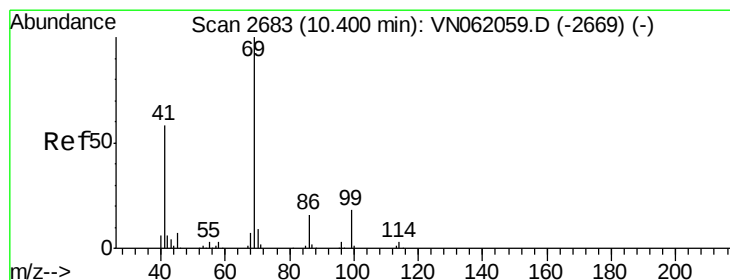
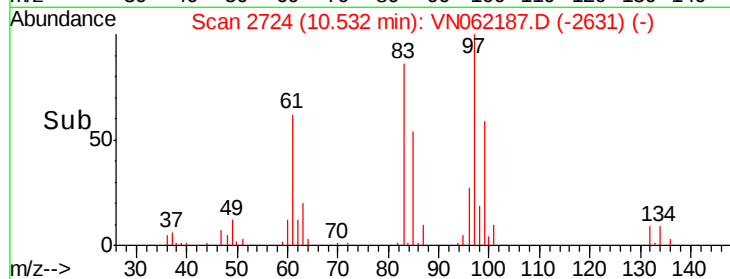
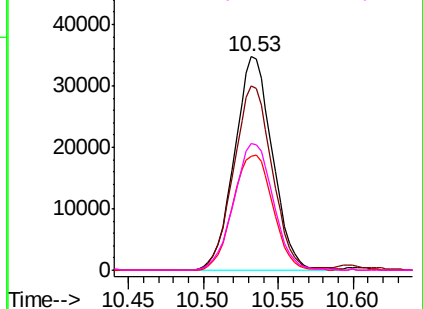


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.261 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062187.D

Acq: 29 Jun 2020 14:53

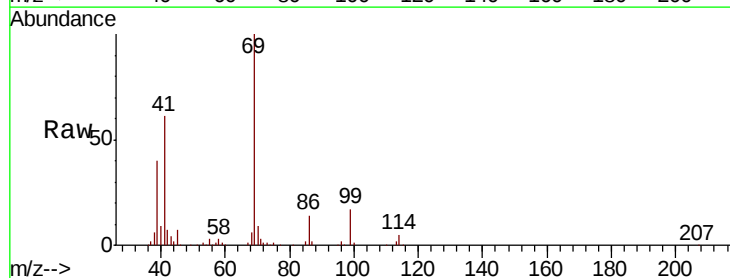
Tgt Ion: 69 Resp: 84675

Ion Ratio Lower Upper

69 100

41 58.0 46.6 70.0

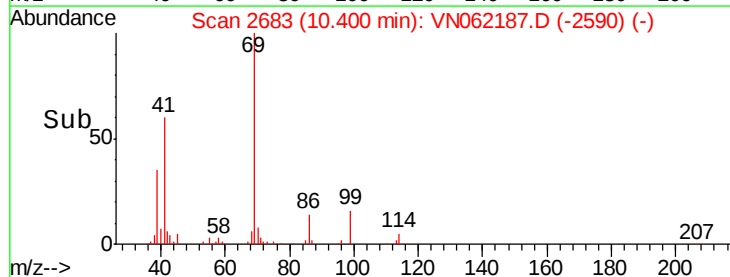
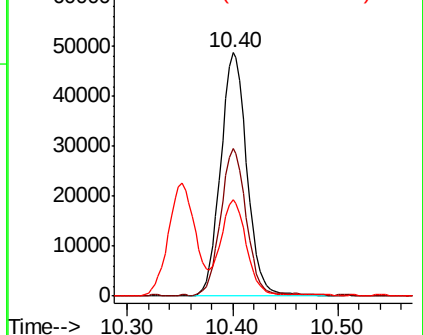
39 37.7 31.0 46.4

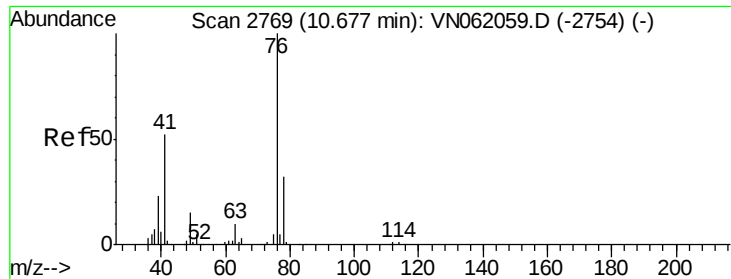


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

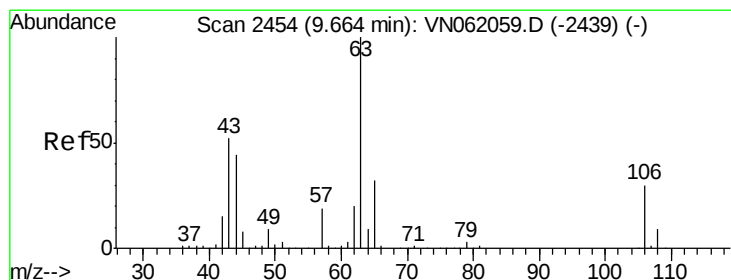
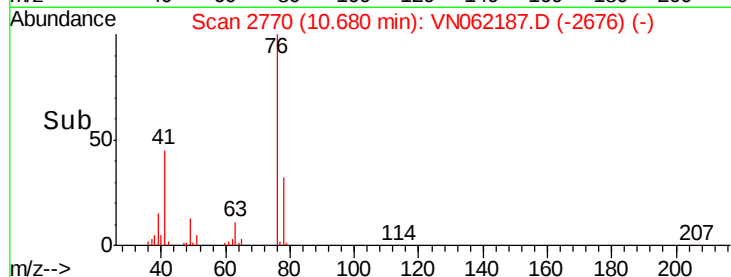
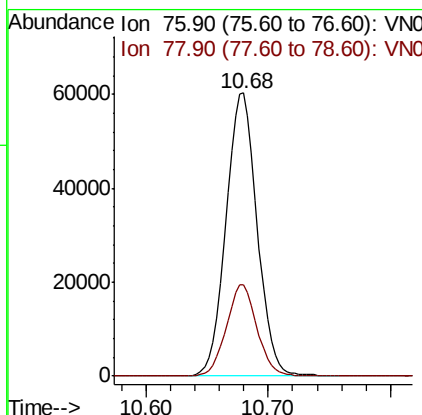
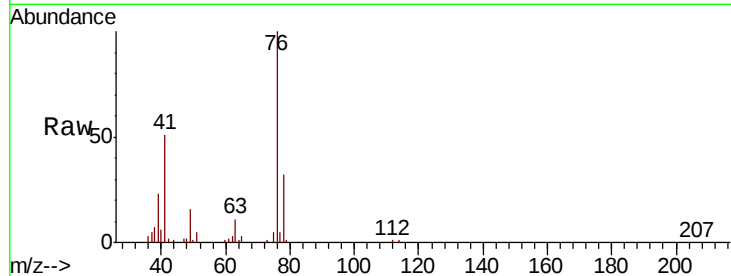




#57
 1,3-Dichloropropane
 Concen: 18.983 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062187.D
 Acq: 29 Jun 2020 14:53

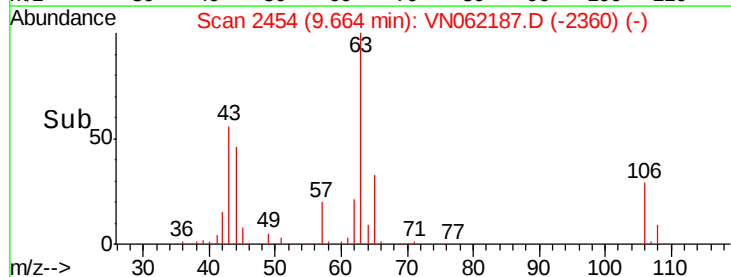
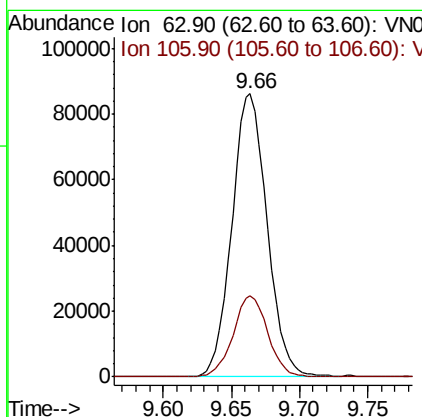
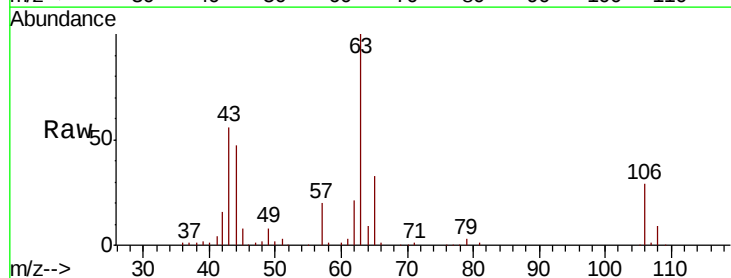
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBSD01

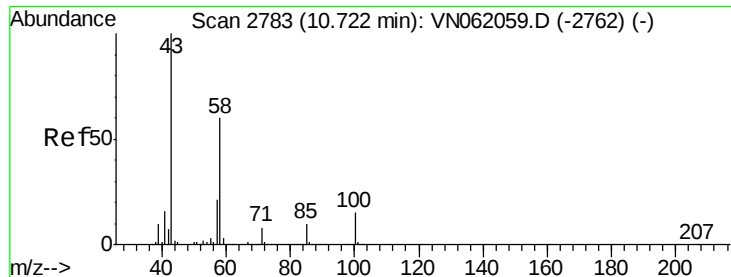
Tot Ion: 76 Resp: 107637
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.255 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062187.D
 Acq: 29 Jun 2020 14:53

Tgt Ion: 63 Resp: 154347
 Ion Ratio Lower Upper
 63 100
 106 28.3 23.2 34.8

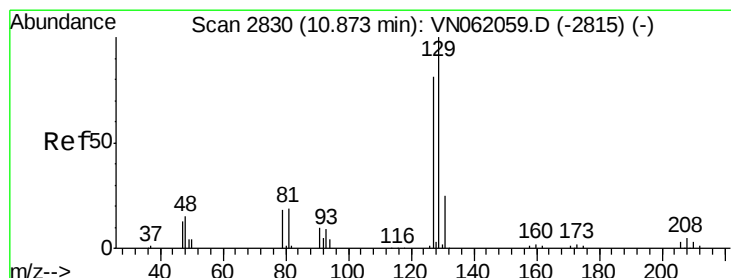
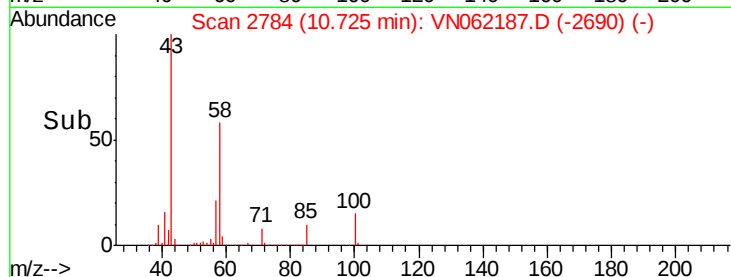
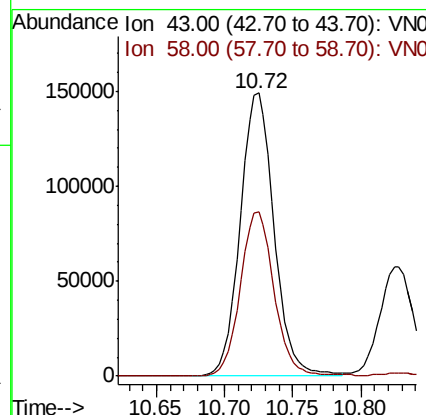
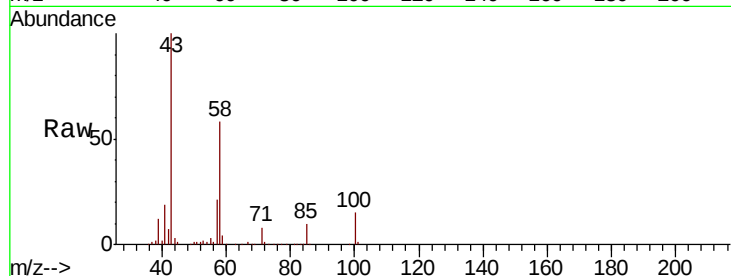




#59
2-Hexanone
Concen: 99.613 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062187.D
Acq: 29 Jun 2020 14:53

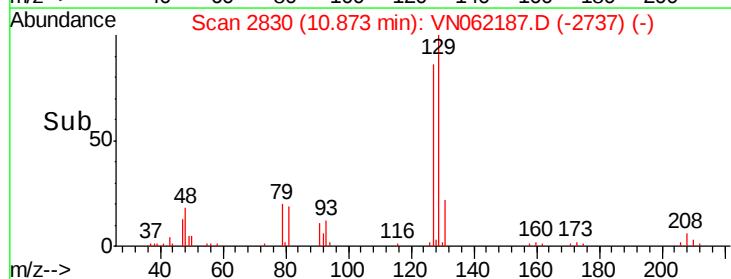
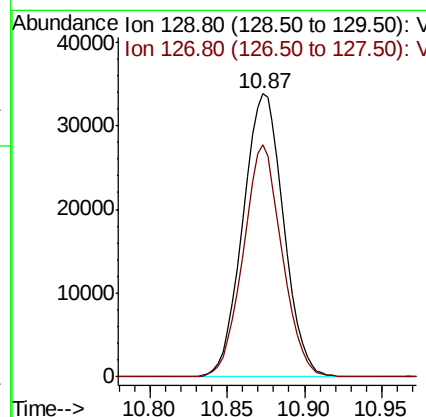
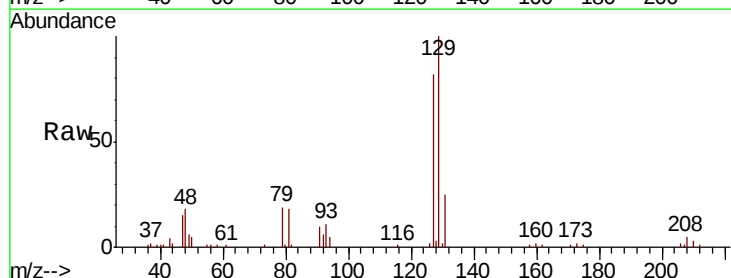
Instrument :
MSVOA_N
ClientSampleId :
VN0629WBSD01

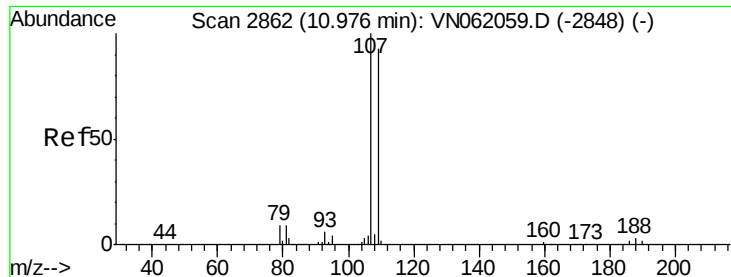
Tot Ion: 43 Resp: 255630
Ion Ratio Lower Upper
43 100
58 58.4 29.5 88.5



#60
Dibromochloromethane
Concen: 17.723 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062187.D
Acq: 29 Jun 2020 14:53

Tgt Ion: 129 Resp: 61810
Ion Ratio Lower Upper
129 100
127 78.0 39.5 118.5

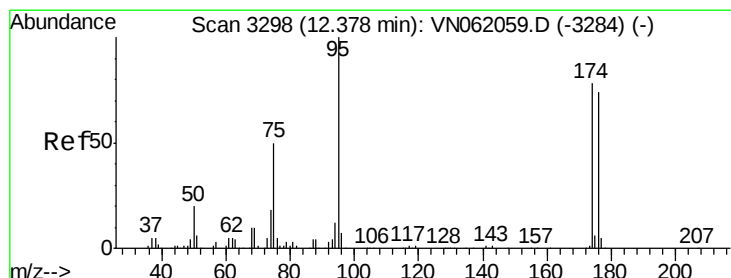
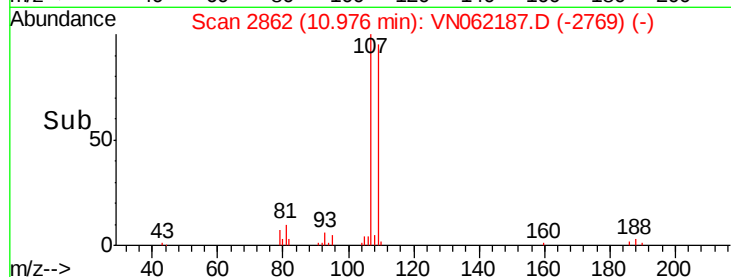
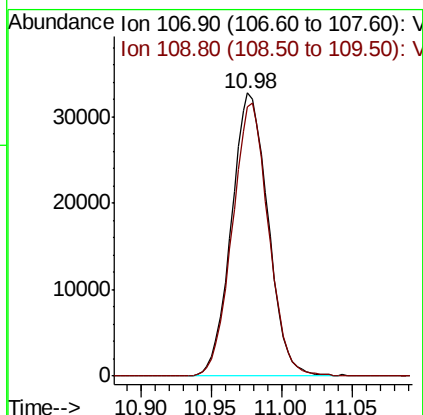
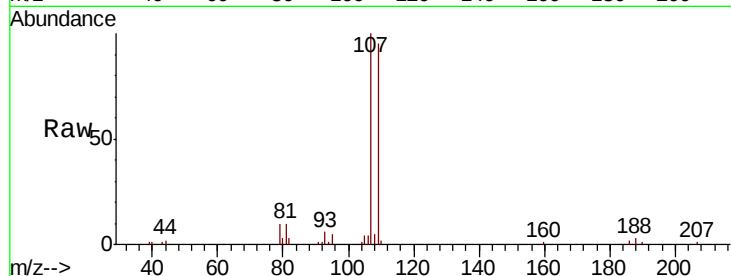




#61
 1,2-Dibromoethane
 Concen: 17.613 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: VN062187.D
 Acq: 29 Jun 2020 14:53

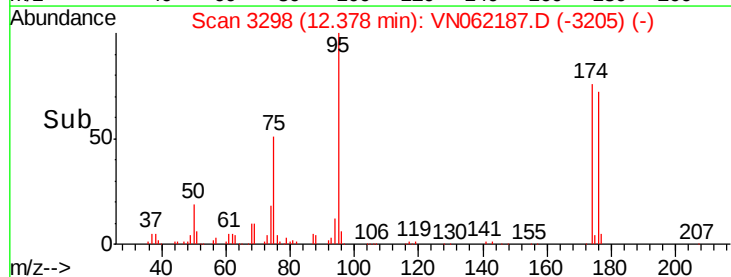
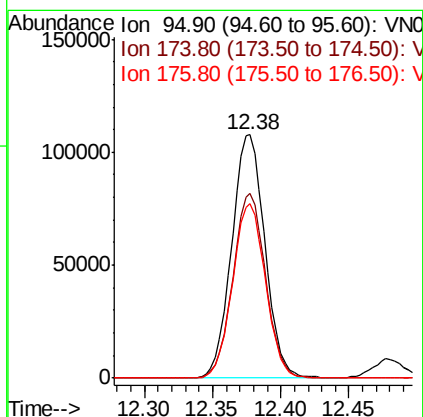
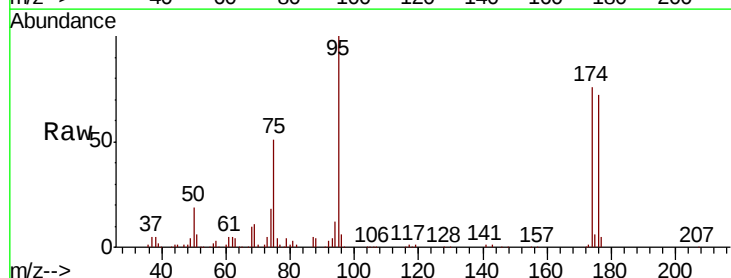
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBSD01

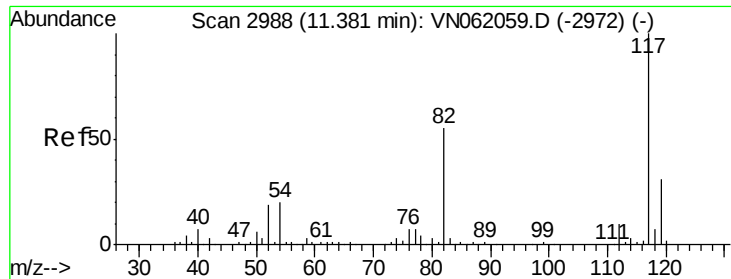
Tot Ion:107 Resp: 59615
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 46.816 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062187.D
 Acq: 29 Jun 2020 14:53

Tgt Ion: 95 Resp: 181844
 Ion Ratio Lower Upper
 95 100
 174 74.8 0.0 154.8
 176 71.2 0.0 147.4

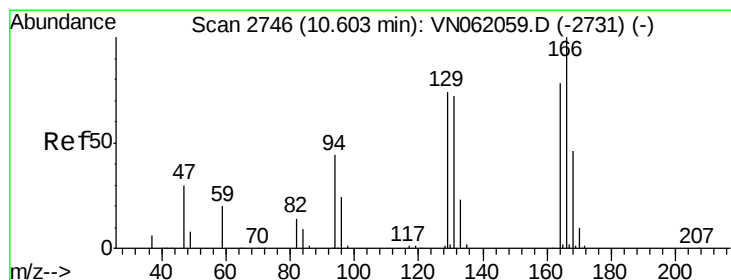
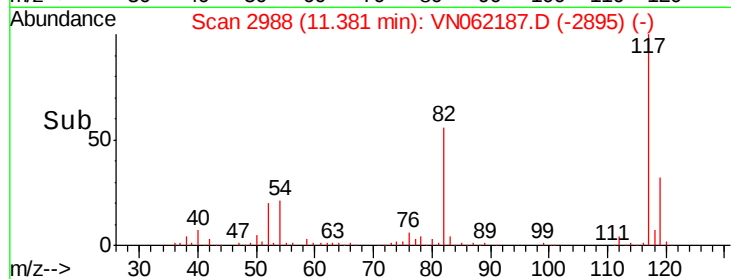
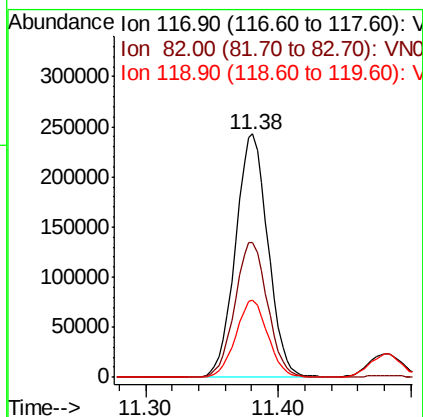
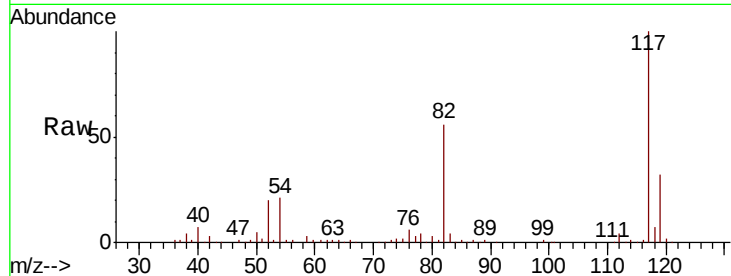




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062187.D
Acq: 29 Jun 2020 14:53

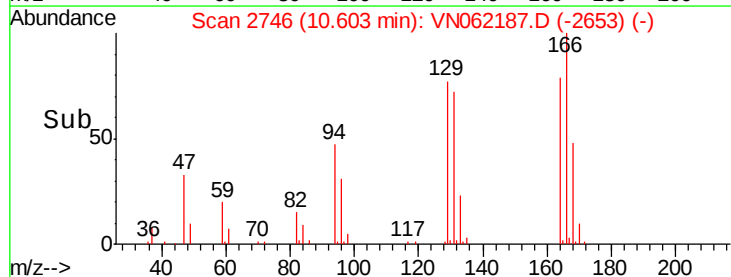
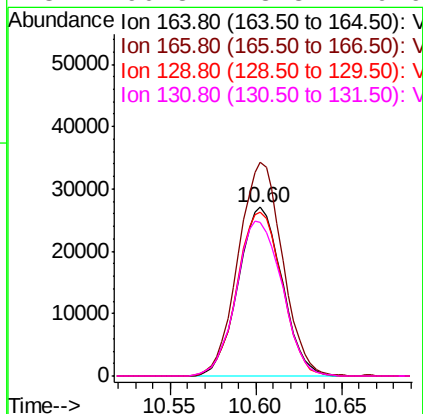
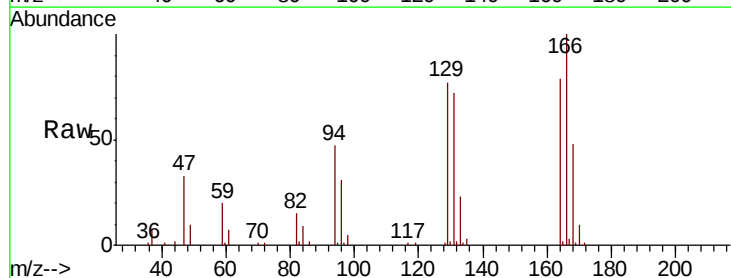
Instrument :
MSVOA_N
ClientSampleId :
VN0629WBSD01

Tot Ion:117 Resp: 412655
Ion Ratio Lower Upper
117 100
82 55.6 43.8 65.8
119 31.5 25.2 37.8



#64
Tetrachloroethene
Concen: 16.990 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062187.D
Acq: 29 Jun 2020 14:53

Tgt Ion:164 Resp: 47893
Ion Ratio Lower Upper
164 100
166 126.6 102.9 154.3
129 97.3 75.8 113.8
131 90.8 73.8 110.6

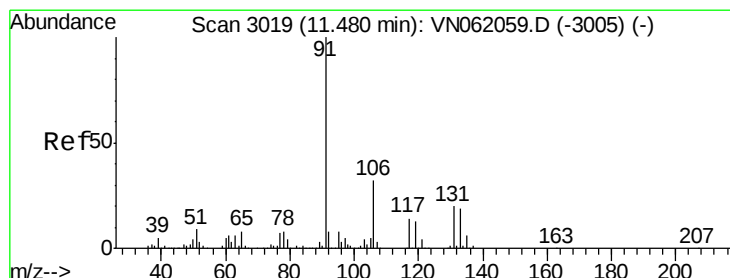
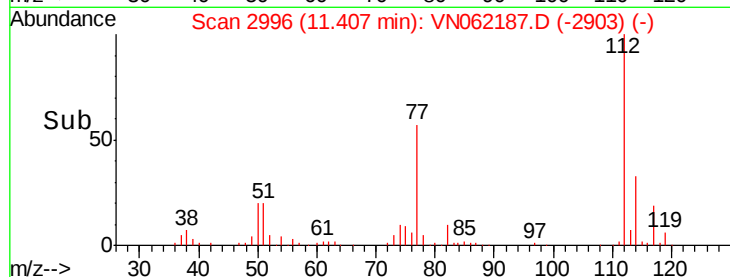
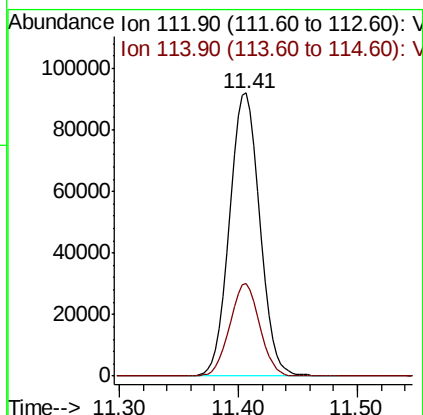
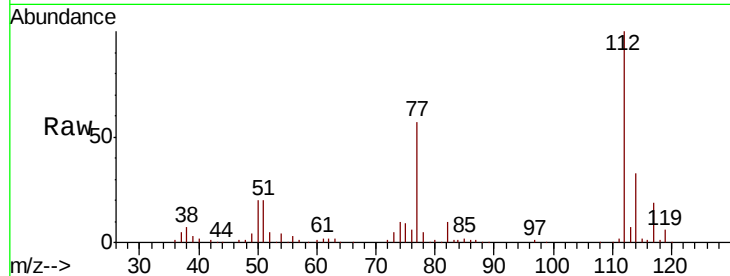




#65
Chlorobenzene
Concen: 17.930 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062187.D
Acq: 29 Jun 2020 14:53

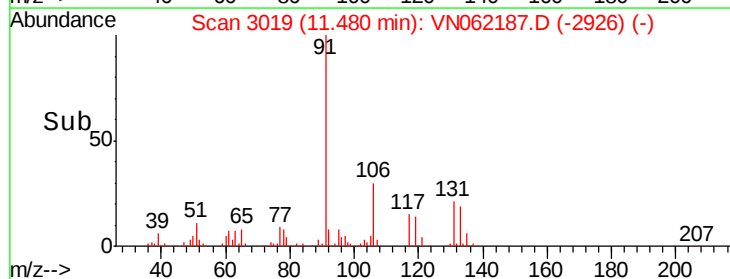
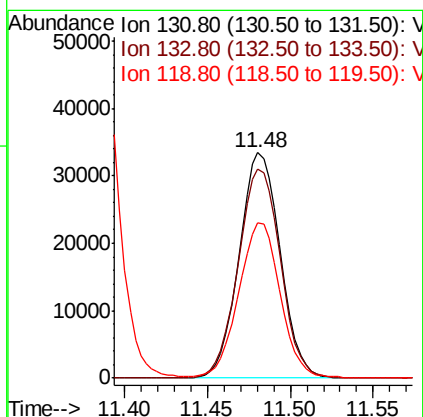
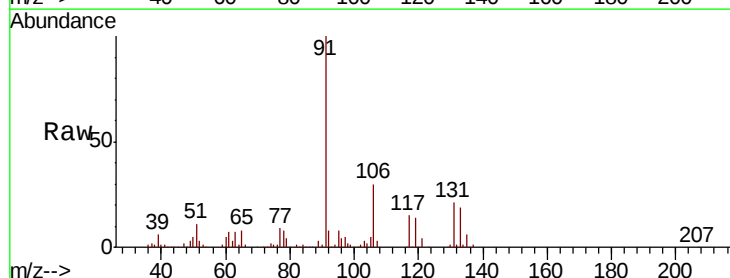
Instrument :
MSVOA_N
ClientSampled :
VN0629WBSD01

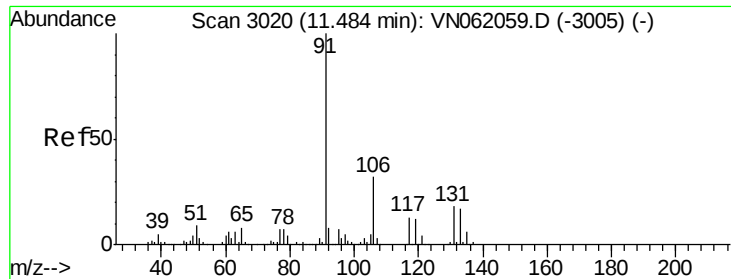
Tot Ion:112 Resp: 162483
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.394 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062187.D
Acq: 29 Jun 2020 14:53

Tgt Ion:131 Resp: 57640
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.9
119 69.9 34.4 103.3

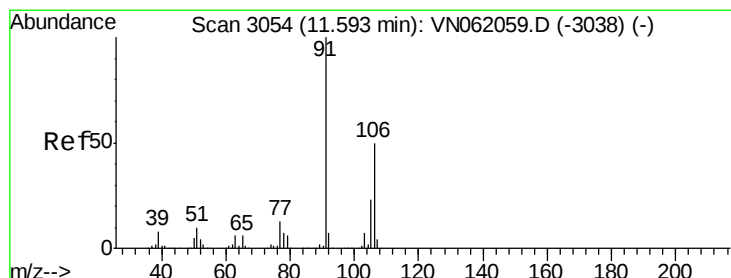
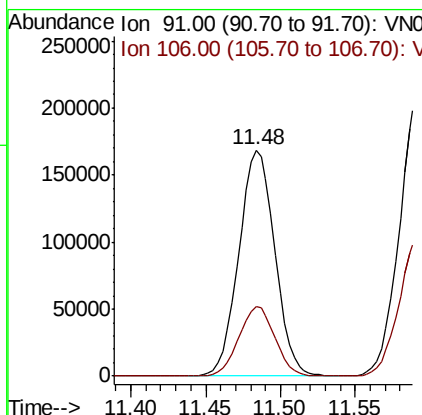
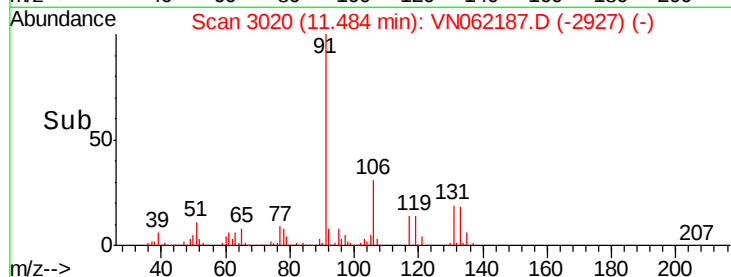
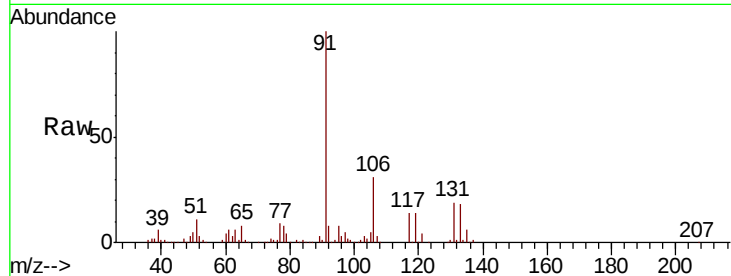




#67
Ethyl Benzene
Concen: 18.456 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062187.D
Acq: 29 Jun 2020 14:53

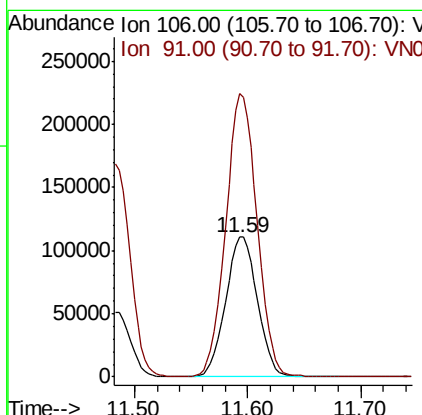
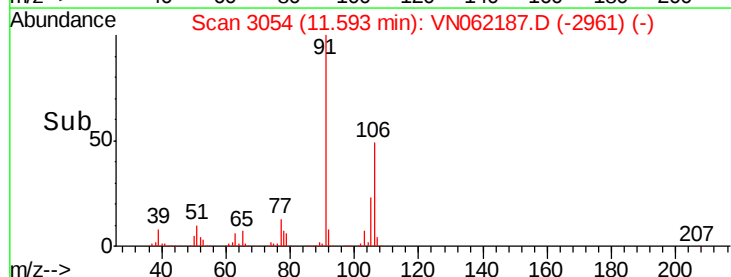
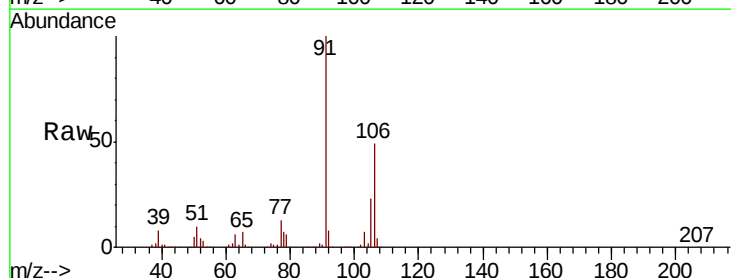
Instrument :
MSVOA_N
ClientSampled :
VN0629WBSD01

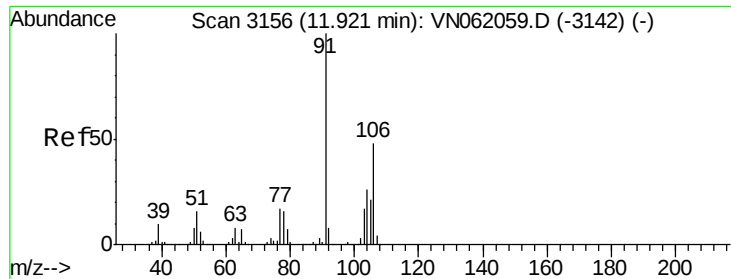
Tot Ion: 91 Resp: 282455
Ion Ratio Lower Upper
91 100
106 30.6 25.3 37.9



#68
m/p-Xylenes
Concen: 36.651 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062187.D
Acq: 29 Jun 2020 14:53

Tgt Ion: 106 Resp: 216955
Ion Ratio Lower Upper
106 100
91 197.7 157.8 236.8

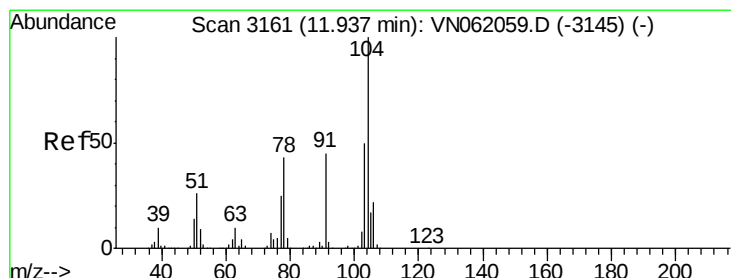
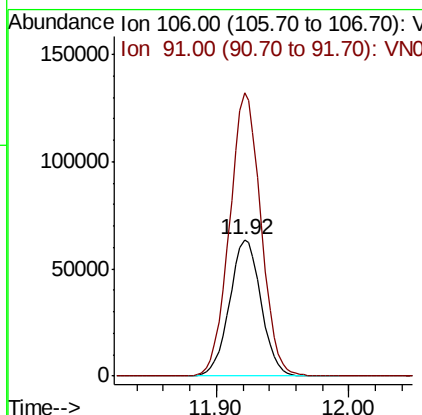
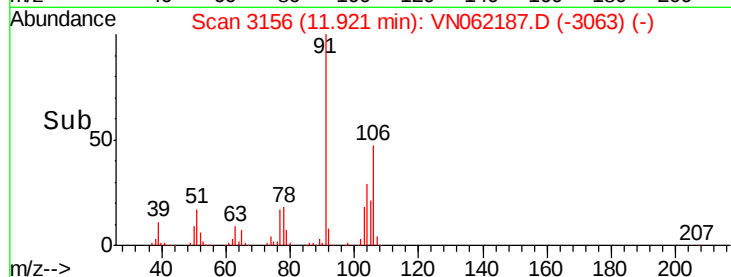
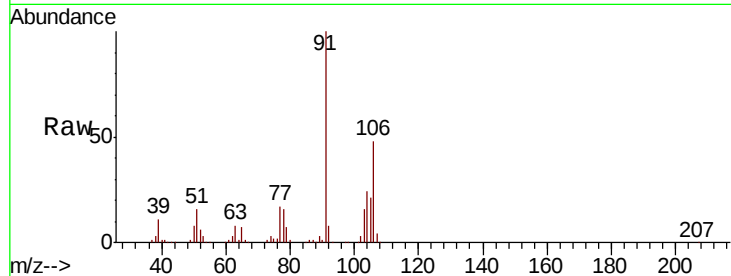




#69
o-Xylene
Concen: 18.770 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062187.D
Acq: 29 Jun 2020 14:53

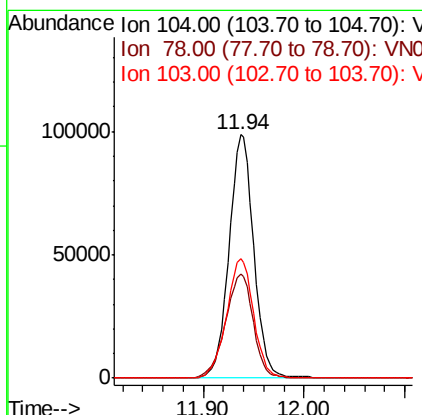
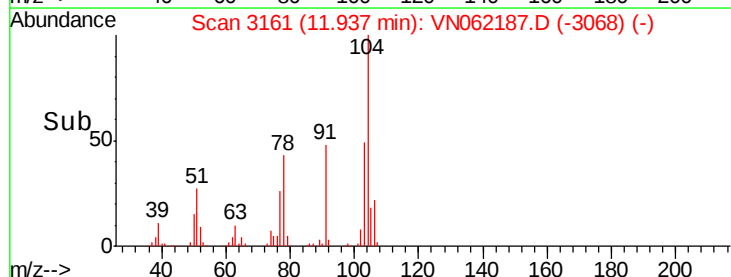
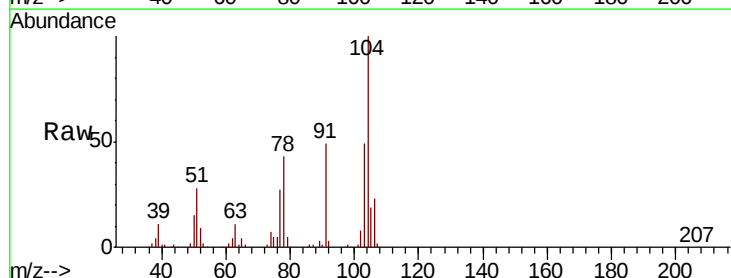
Instrument :
MSVOA_N
ClientSampled :
VN0629WBSD01

Tot Ion:106 Resp: 104834
Ion Ratio Lower Upper
106 100
91 206.8 104.0 311.9



#70
Styrene
Concen: 18.162 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062187.D
Acq: 29 Jun 2020 14:53

Tgt Ion:104 Resp: 169174
Ion Ratio Lower Upper
104 100
78 47.7 37.7 56.5
103 53.6 43.0 64.6





#71

Bromoform

Concen: 18.032 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062187.D

Acq: 29 Jun 2020 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBSD01

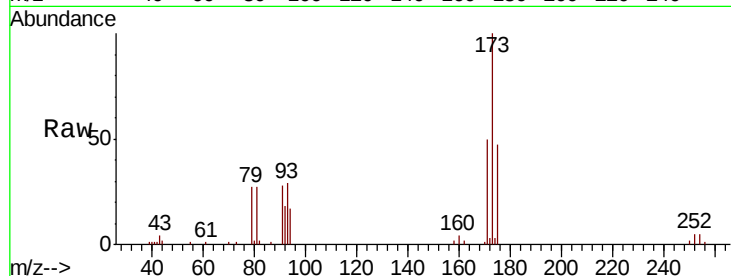
Tot Ion:173 Resp: 40174

Ion Ratio Lower Upper

173 100

175 46.6 24.7 74.1

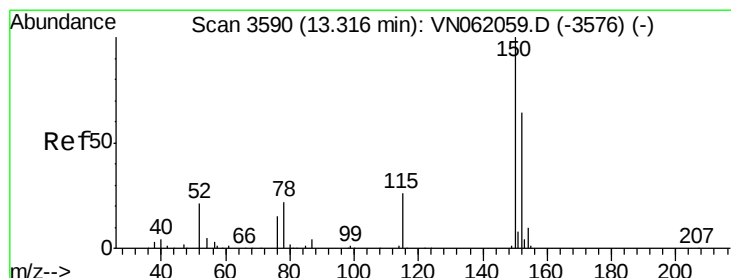
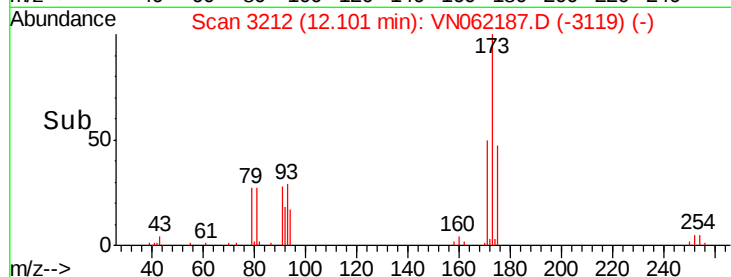
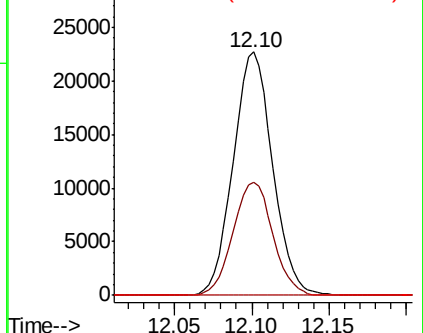
254 0.0 0.0 0.0



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: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062187.D

Acq: 29 Jun 2020 14:53

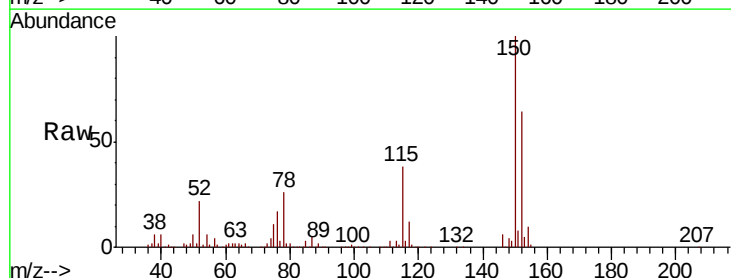
Tgt Ion:152 Resp: 182247

Ion Ratio Lower Upper

152 100

115 59.1 29.5 88.5

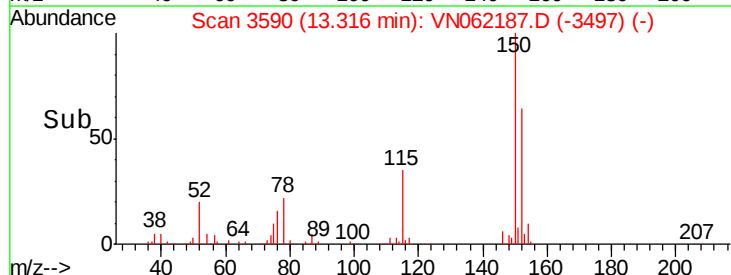
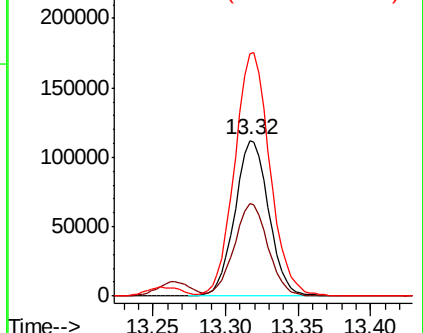
150 163.4 0.0 351.4



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: 19.278 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062187.D

Acq: 29 Jun 2020 14:53

Instrument :

MSVOA_N

ClientSampleId :

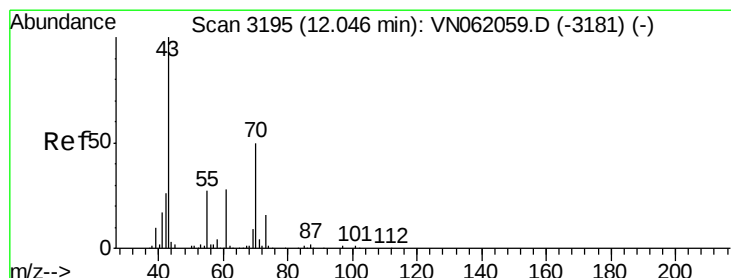
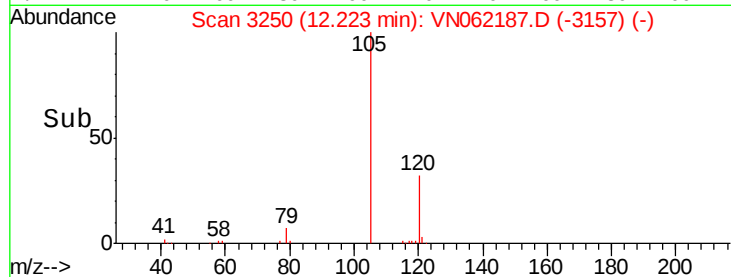
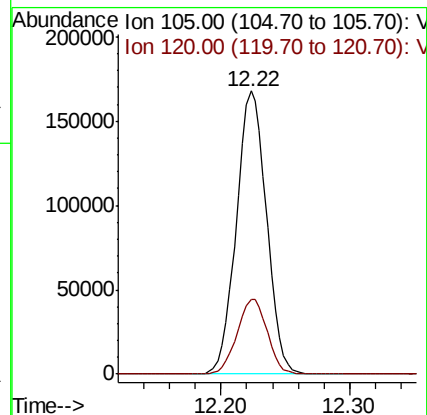
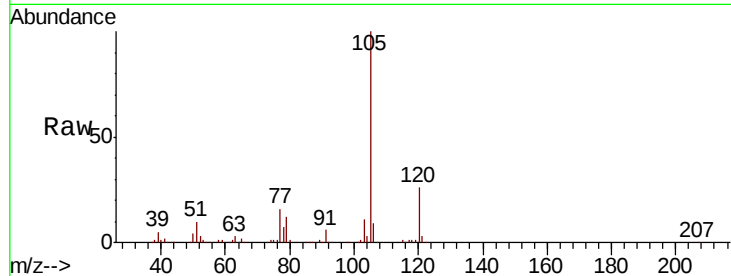
VN0629WBSD01

Tot Ion:105 Resp: 271965

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#74

N-ethyl acetate

Concen: 20.311 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062187.D

Acq: 29 Jun 2020 14:53

Tgt Ion: 43 Resp: 94432

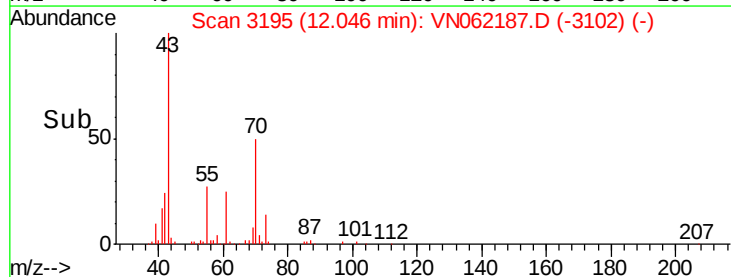
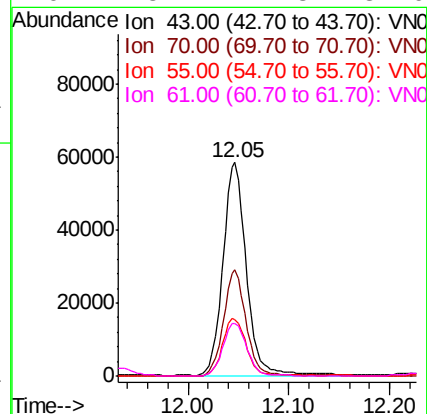
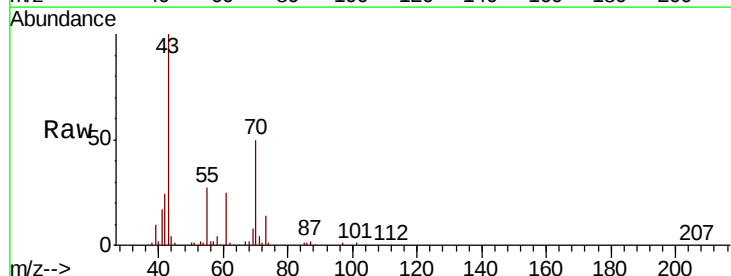
Ion Ratio Lower Upper

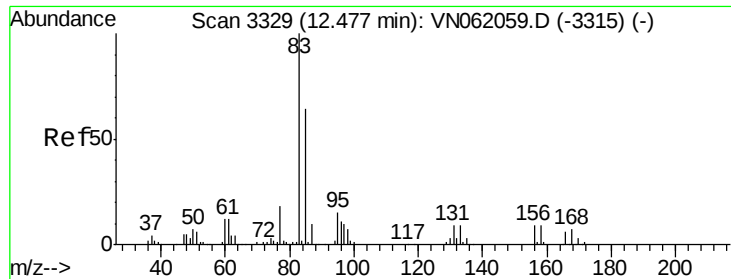
43 100

70 48.4 39.4 59.2

55 27.8 21.7 32.5

61 25.4 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.705 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062187.D

Acq: 29 Jun 2020 14:53

Instrument :

MSVOA_N

ClientSampled :

VN0629WBSD01

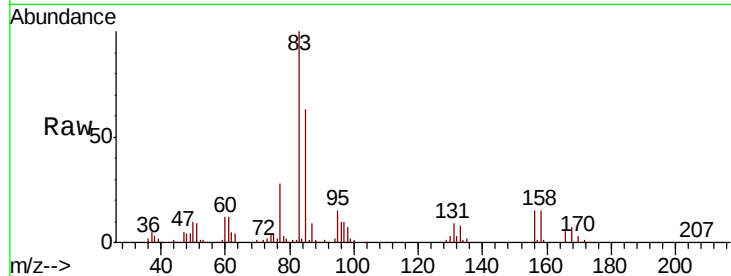
Tot Ion: 83 Resp: 92505

Ion Ratio Lower Upper

83 100

131 9.1 4.8 14.4

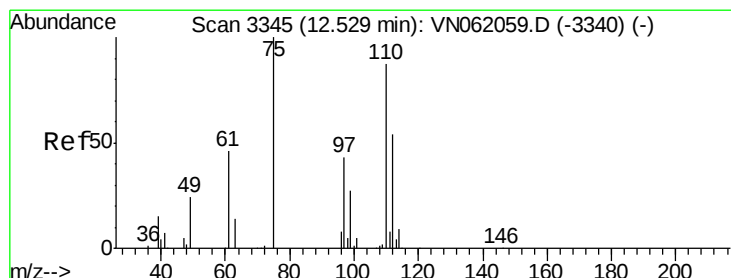
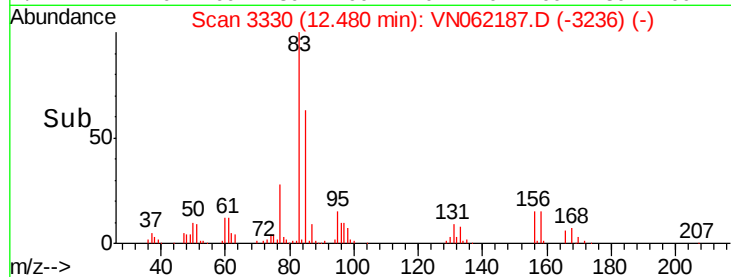
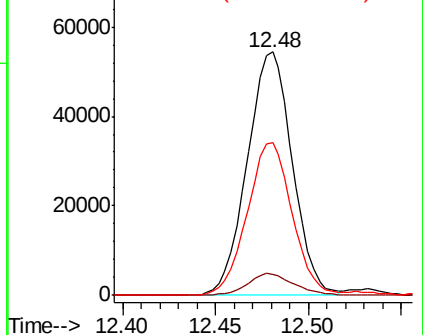
85 62.5 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062187.D (-3330) (-)

Ion 130.80 (130.50 to 131.50): VN062187.D (-3330) (-)

Ion 84.90 (84.60 to 85.60): VN062187.D (-3330) (-)



#76

1,2,3-Trichloropropane

Concen: 26.500 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062187.D

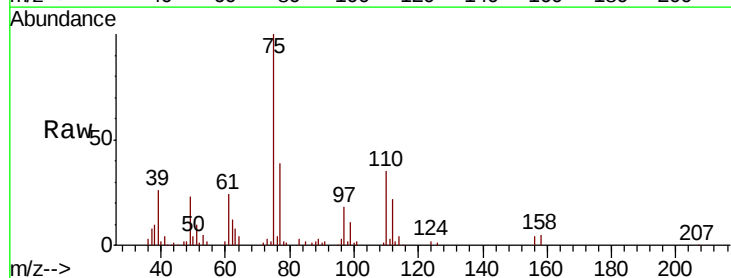
Acq: 29 Jun 2020 14:53

Tgt Ion: 75 Resp: 113692

Ion Ratio Lower Upper

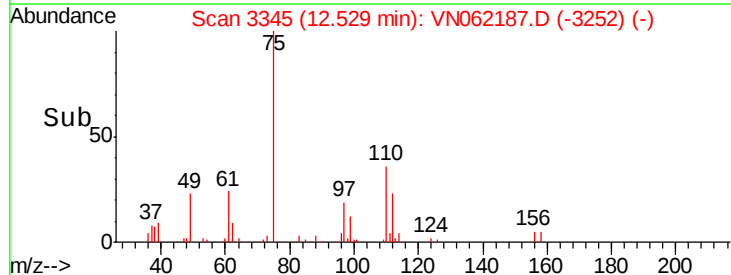
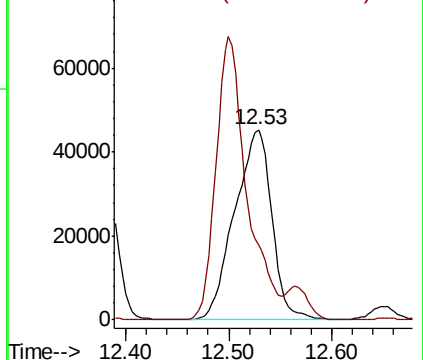
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062187.D (-3345) (-)

Ion 77.00 (76.70 to 77.70): VN062187.D (-3345) (-)





#77

Bromobenzene

Concen: 17.998 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062187.D

Acq: 29 Jun 2020 14:53

Instrument :

MSVOA_N

ClientSampled :

VN0629WBSD01

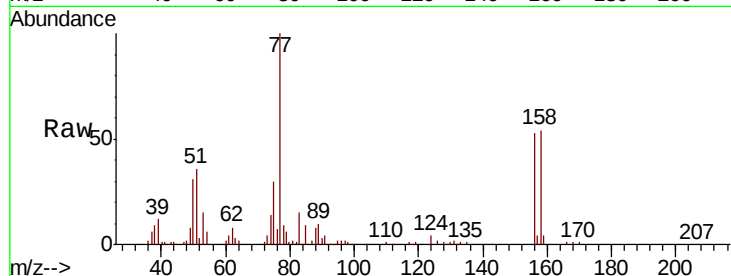
Tot Ion:156 Resp: 63036

Ion Ratio Lower Upper

156 100

77 222.9 104.6 313.8

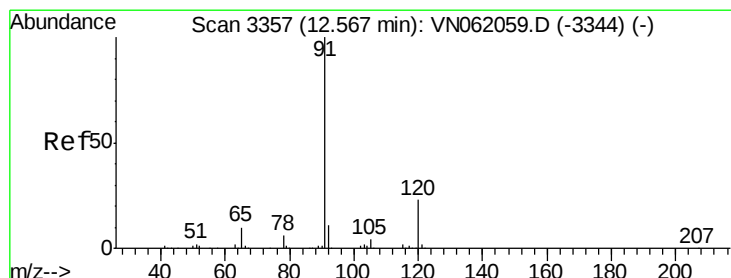
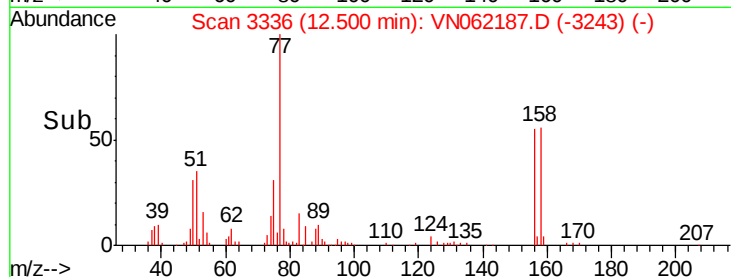
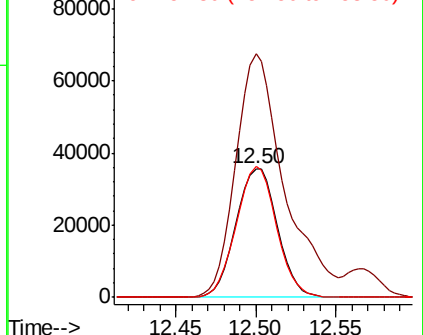
158 98.4 48.0 144.0



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: 19.220 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062187.D

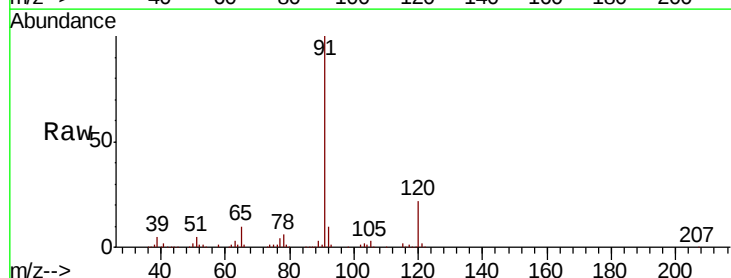
Acq: 29 Jun 2020 14:53

Tgt Ion: 91 Resp: 310148

Ion Ratio Lower Upper

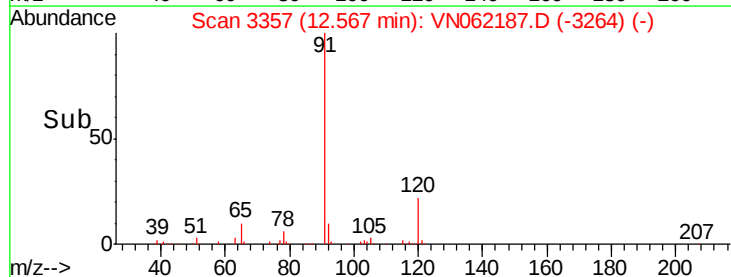
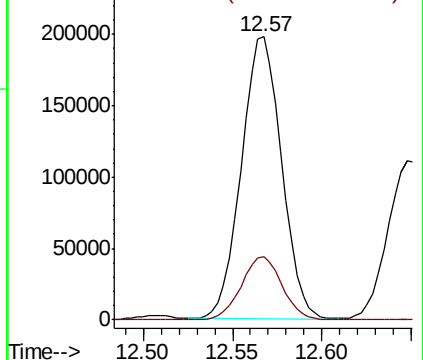
91 100

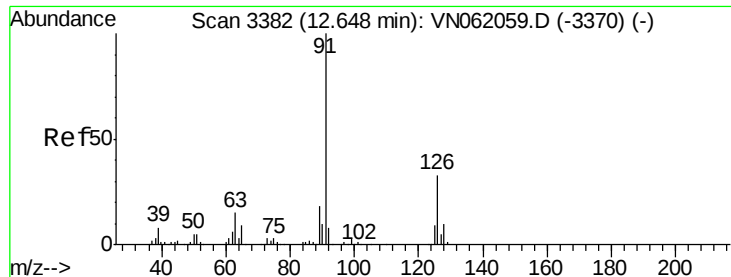
120 22.6 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

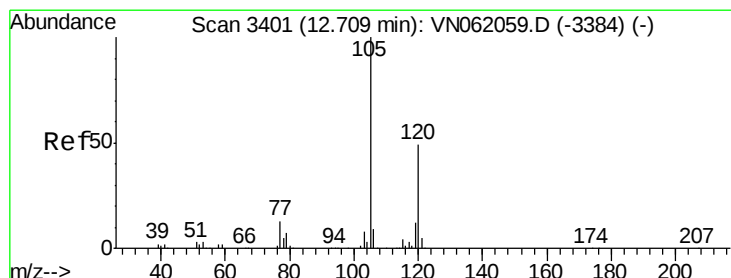
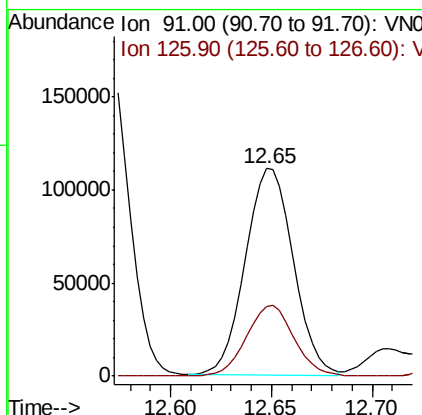
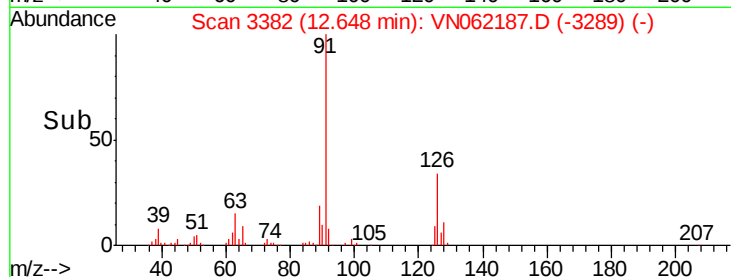
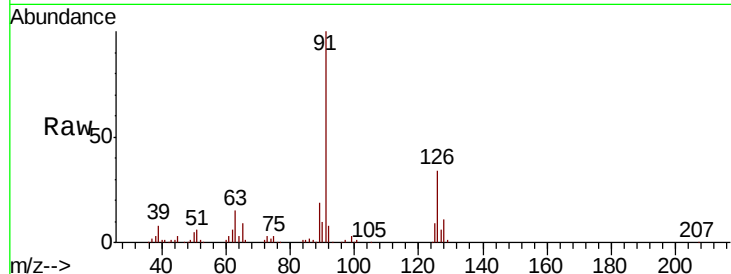




#79
 2-Chlorotoluene
 Concen: 18.943 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062187.D
 Acq: 29 Jun 2020 14:53

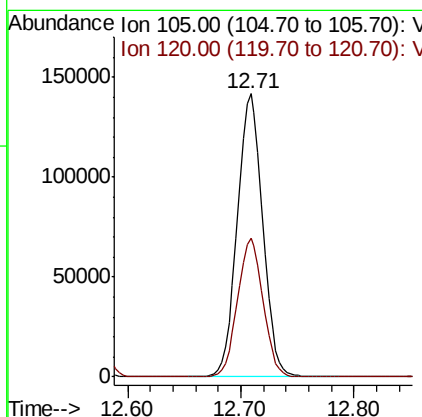
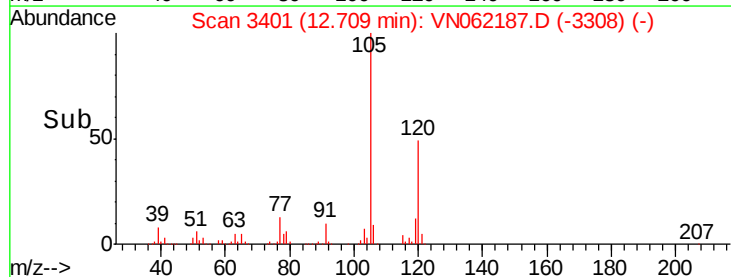
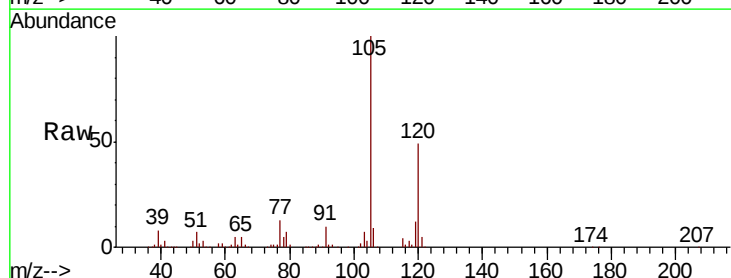
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBSD01

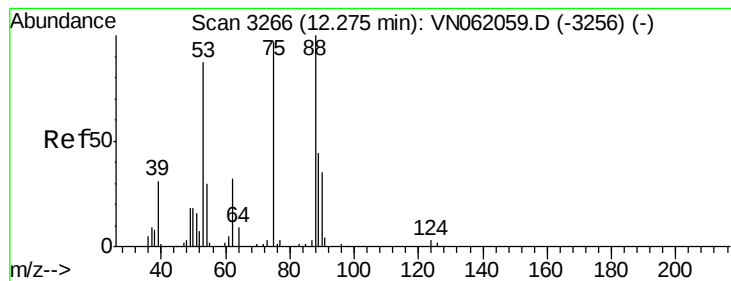
Tot Ion: 91 Resp: 184792
 Ion Ratio Lower Upper
 91 100
 126 34.0 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.411 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062187.D
 Acq: 29 Jun 2020 14:53

Tgt Ion: 105 Resp: 221993
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.838 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062187.D

Acq: 29 Jun 2020 14:53

Instrument :

MSVOA_N

ClientSampled :

VN0629WBSD01

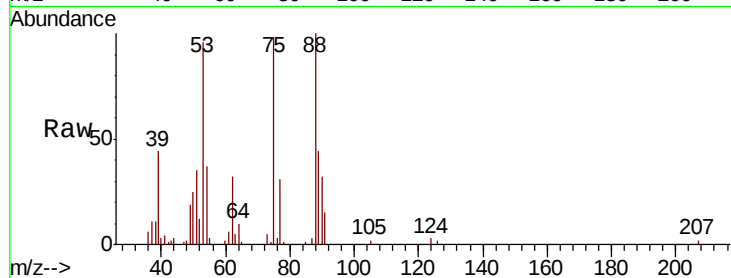
Tot Ion: 75 Resp: 27675

Ion Ratio Lower Upper

75 100

53 98.3 72.0 108.0

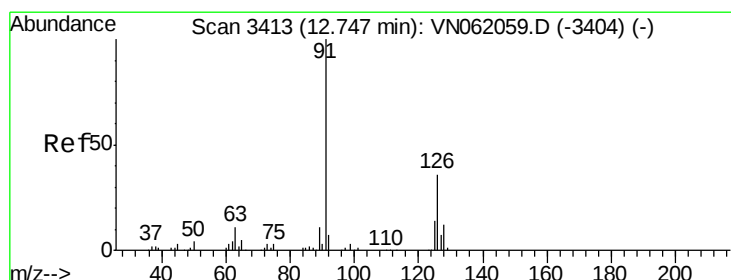
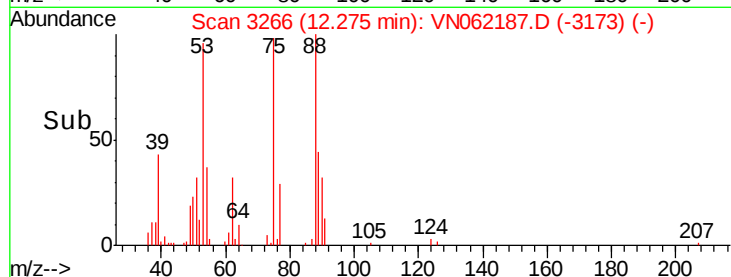
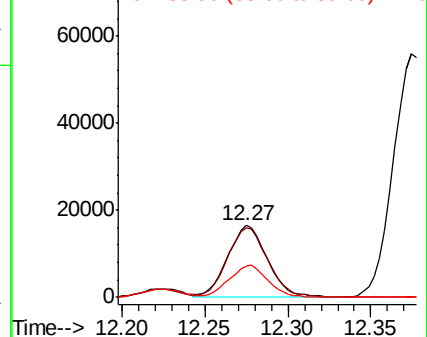
89 43.5 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.541 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062187.D

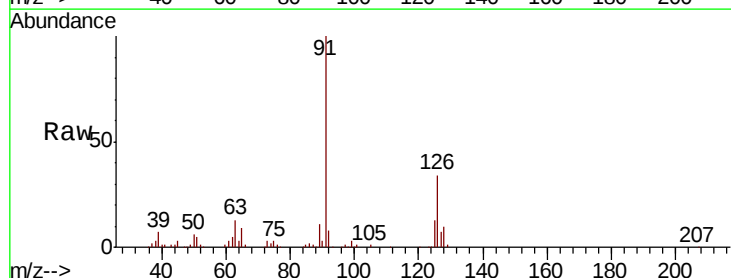
Acq: 29 Jun 2020 14:53

Tgt Ion: 91 Resp: 187039

Ion Ratio Lower Upper

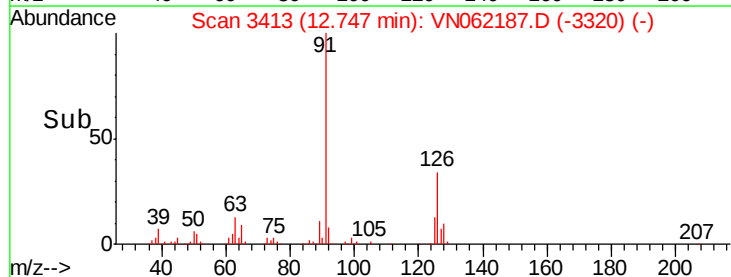
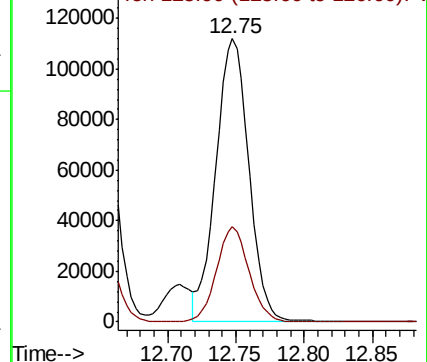
91 100

126 33.2 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

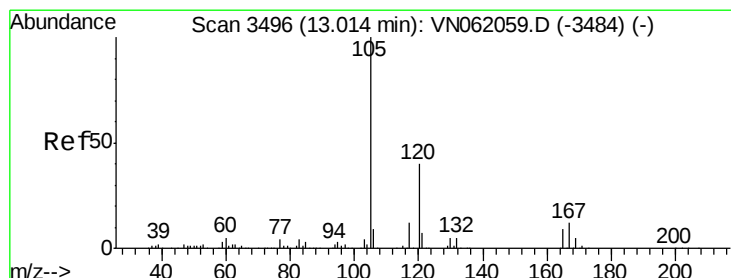
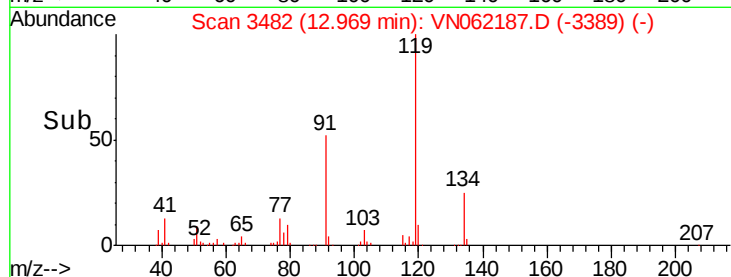
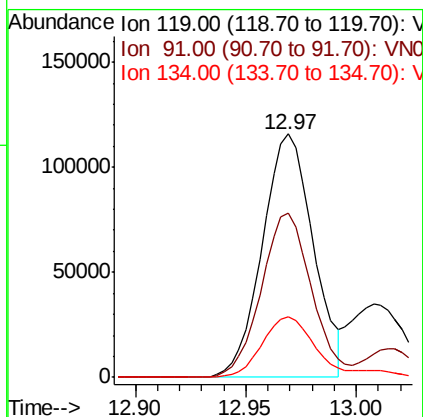
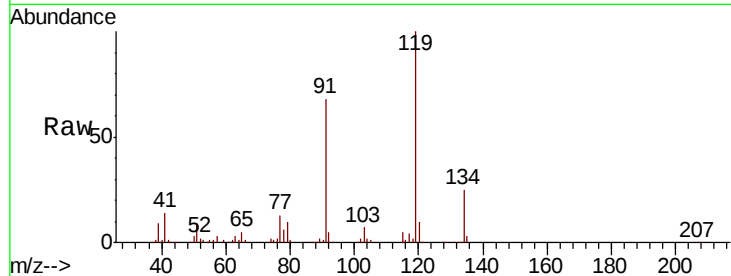




#83
 tert-Butylbenzene
 Concen: 18.940 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062187.D
 Acq: 29 Jun 2020 14:53

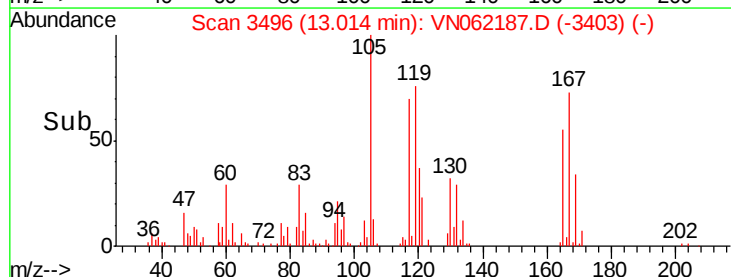
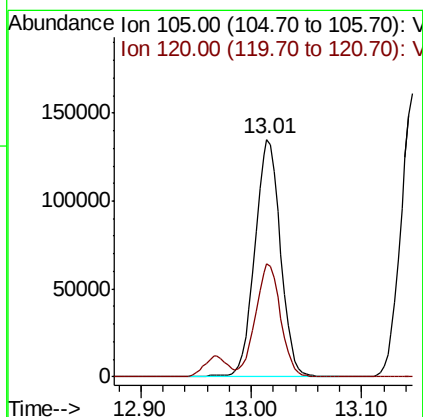
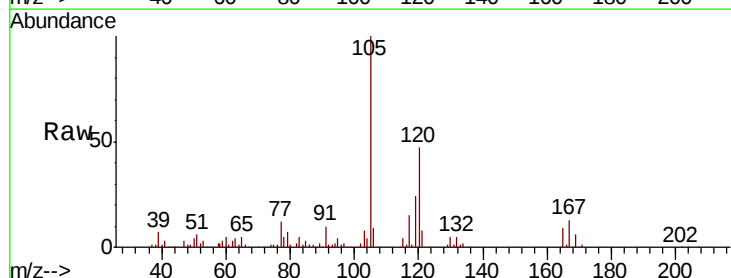
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0629WBSD01

Tot Ion:119 Resp: 185371
 Ion Ratio Lower Upper
 119 100
 91 67.0 31.7 95.1
 134 25.3 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.062 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062187.D
 Acq: 29 Jun 2020 14:53

Tgt Ion:105 Resp: 217718
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.2 69.5

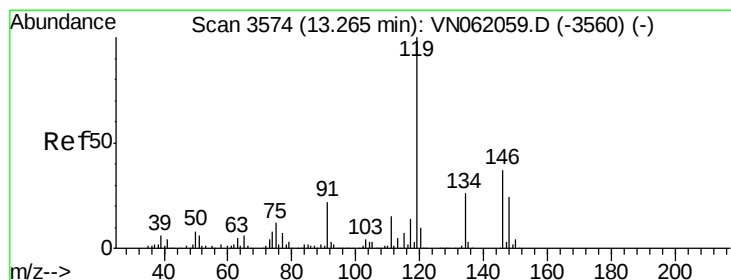
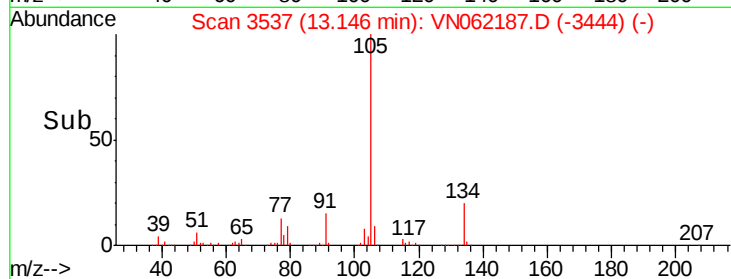
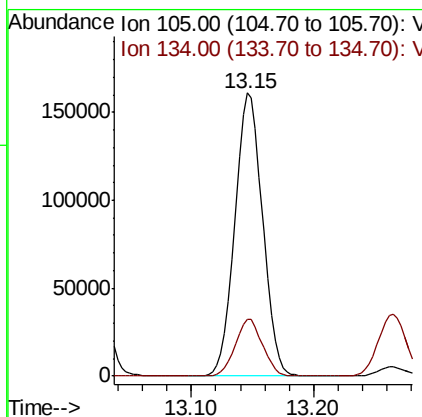
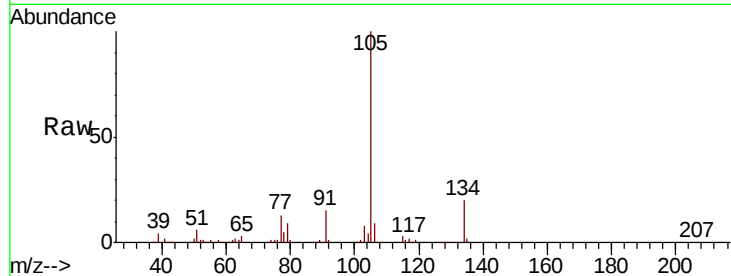




#85
 sec-Butylbenzene
 Concen: 19.609 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN062187.D
 Acq: 29 Jun 2020 14:53

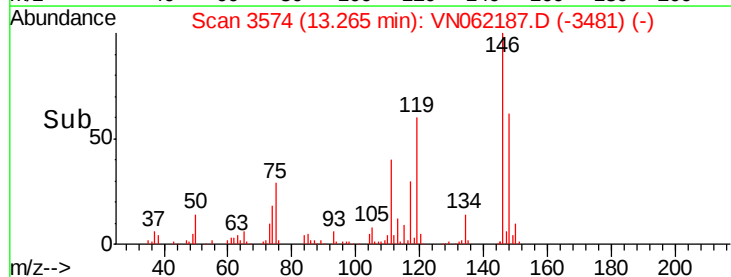
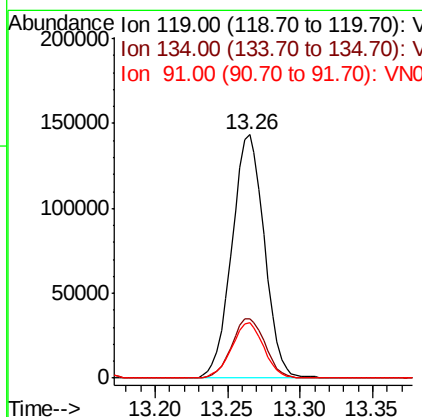
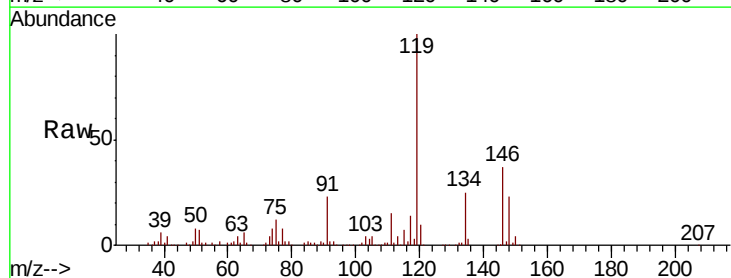
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBSD01

Tot Ion:105 Resp: 253597
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 19.654 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN062187.D
 Acq: 29 Jun 2020 14:53

Tgt Ion:119 Resp: 222689
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.0 39.0
 91 22.8 11.3 33.8

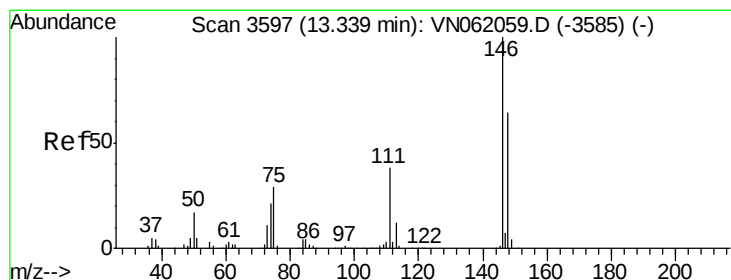
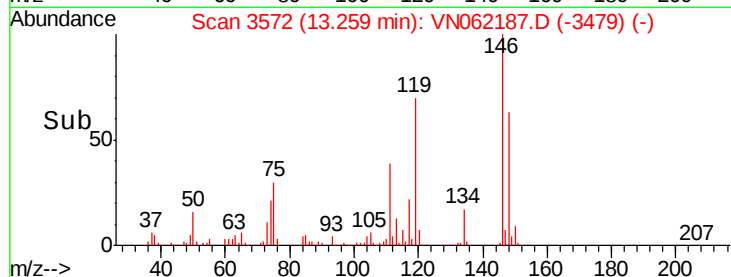
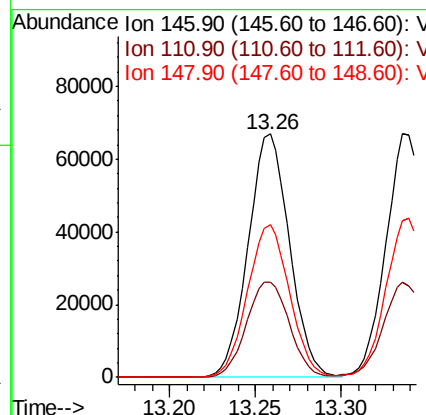
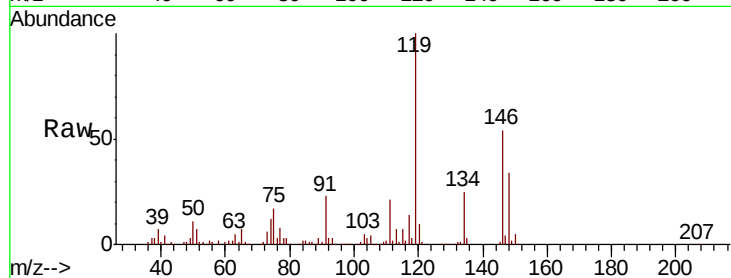




#87
 1,3-Dichlorobenzene
 Concen: 18.130 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062187.D
 Acq: 29 Jun 2020 14:53

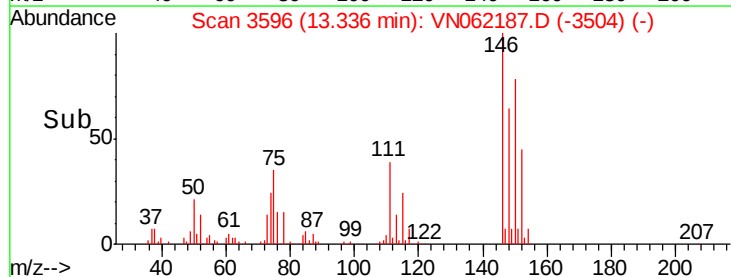
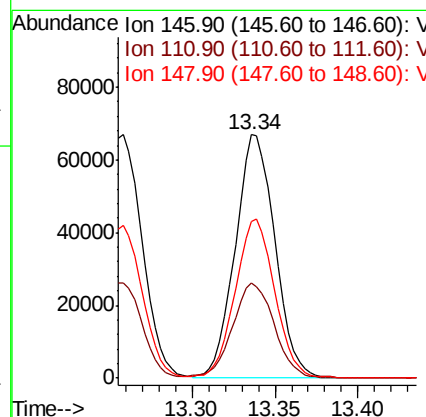
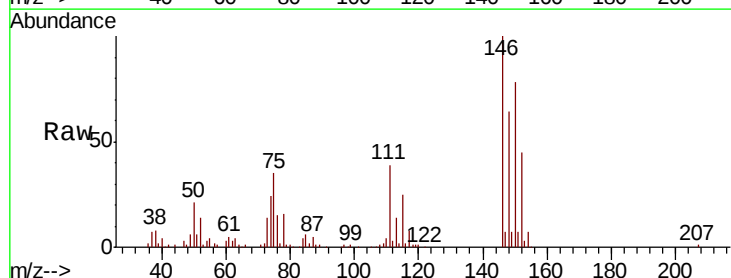
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBSD01

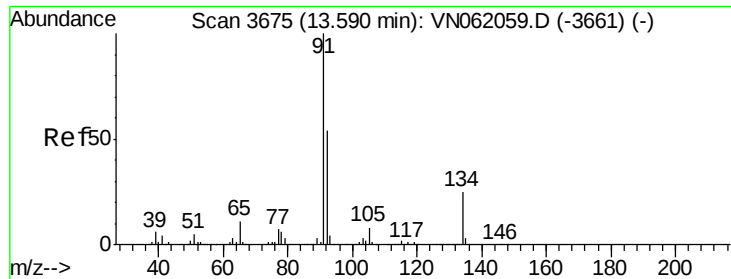
Tot Ion:146 Resp: 111505
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.3 61.0
 148 63.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 17.479 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062187.D
 Acq: 29 Jun 2020 14:53

Tgt Ion:146 Resp: 110811
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.9 59.6
 148 65.6 31.9 95.9





#89

n-Butylbenzene

Concen: 18.783 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062187.D

Acq: 29 Jun 2020 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0629WBSD01

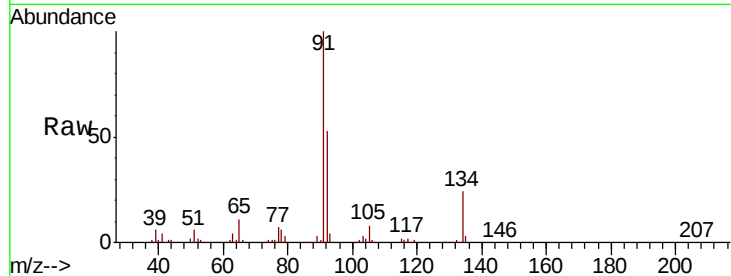
Tot Ion: 91 Resp: 176936

Ion Ratio Lower Upper

91 100

92 52.0 26.6 79.7

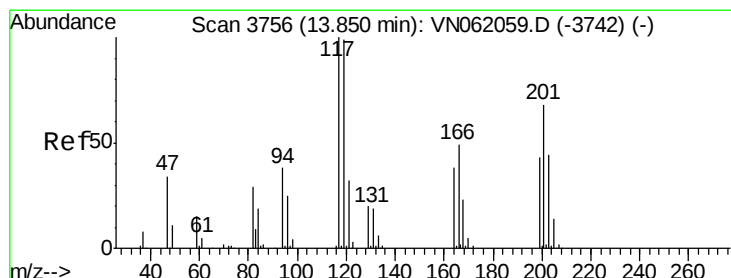
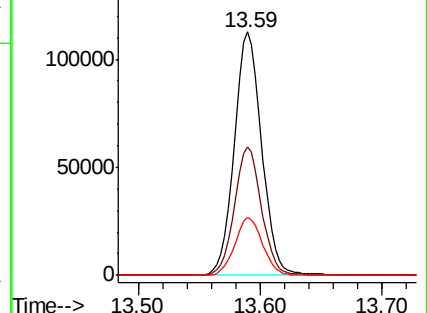
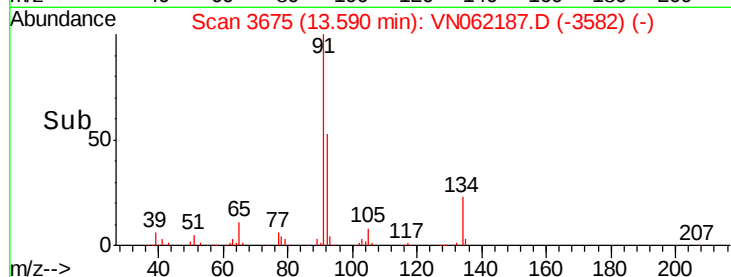
134 23.9 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN062187.D (-3582) (-)

Ion 92.00 (91.70 to 92.70): VN062187.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN062187.D (-3582) (-)



#90

Hexachloroethane

Concen: 19.290 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN062187.D

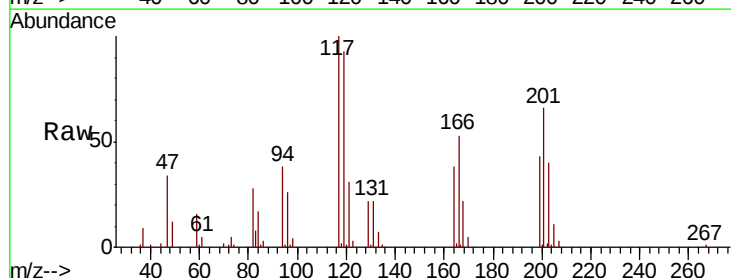
Acq: 29 Jun 2020 14:53

Tgt Ion: 117 Resp: 42883

Ion Ratio Lower Upper

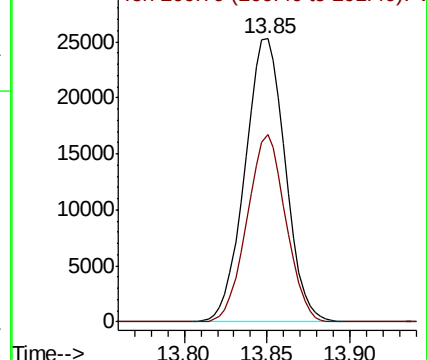
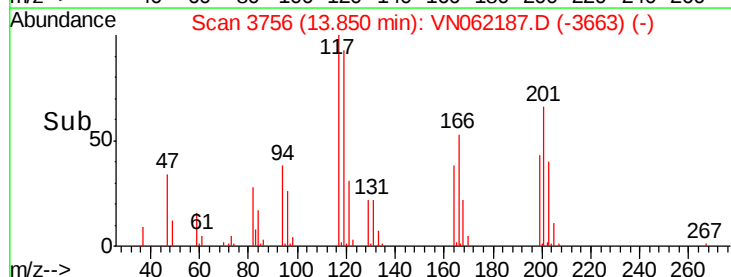
117 100

201 63.3 32.7 98.1



Abundance Ion 116.80 (116.50 to 117.50): VN062187.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN062187.D (-3663) (-)

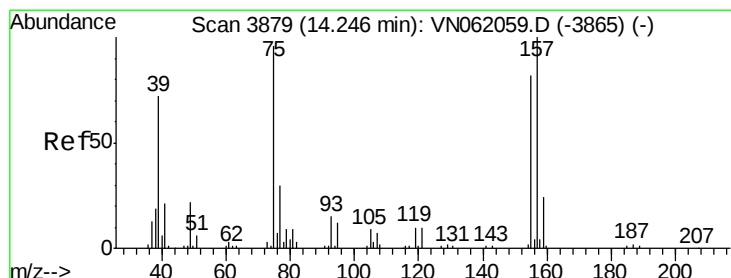
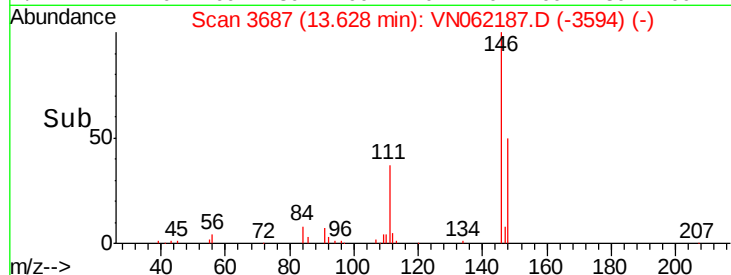
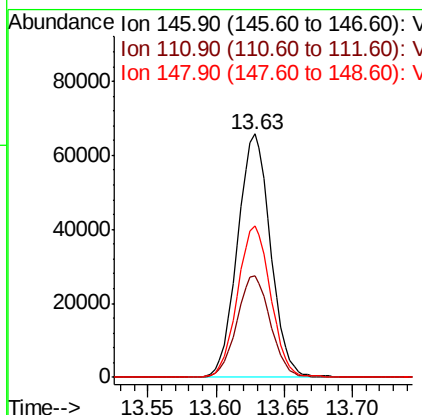
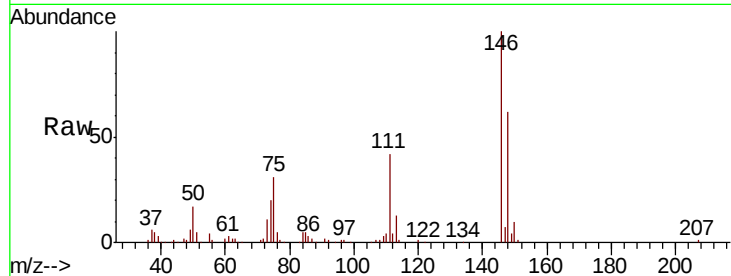




#91
 1,2-Dichlorobenzene
 Concen: 18.548 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062187.D
 Acq: 29 Jun 2020 14:53

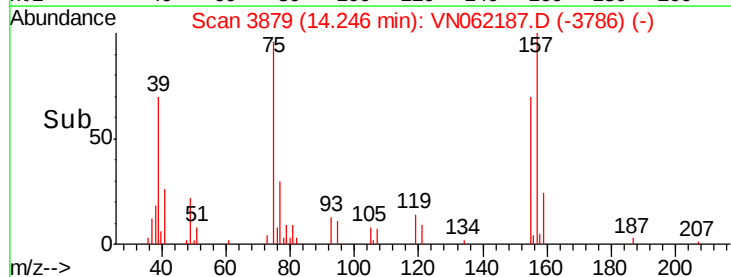
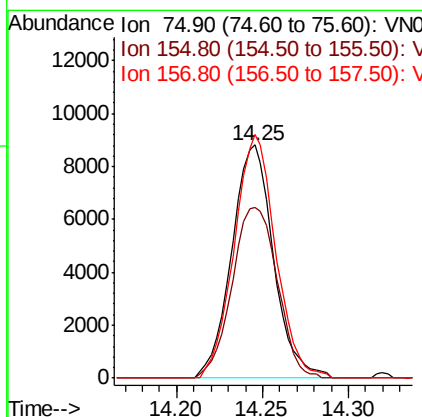
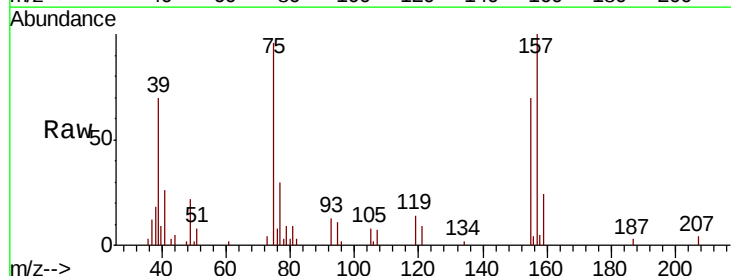
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0629WBSD01

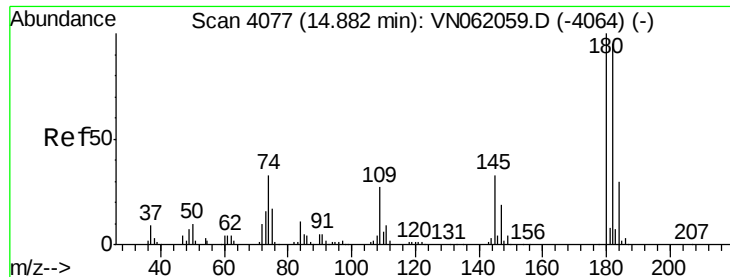
Tot Ion:146 Resp: 110617
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.2 63.6
 148 62.6 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.783 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062187.D
 Acq: 29 Jun 2020 14:53

Tgt Ion: 75 Resp: 14878
 Ion Ratio Lower Upper
 75 100
 155 79.0 40.8 122.4
 157 103.4 51.4 154.3

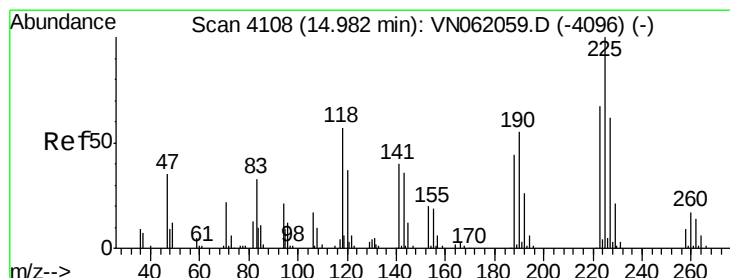
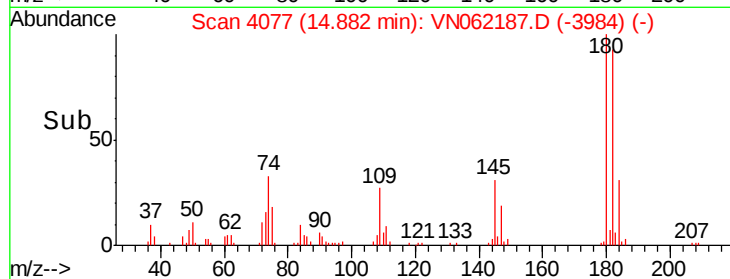
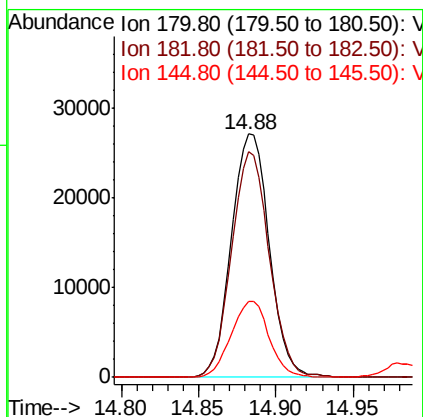
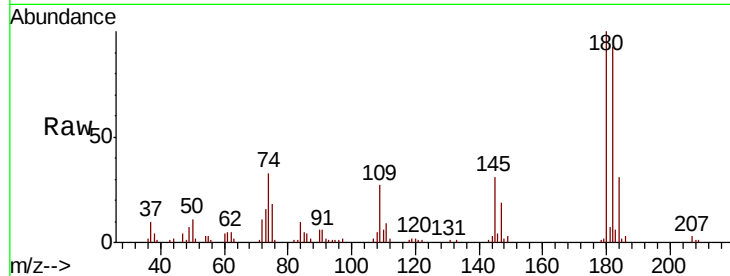




#93
 1,2,4-Trichlorobenzene
 Concen: 17.712 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062187.D
 Acq: 29 Jun 2020 14:53

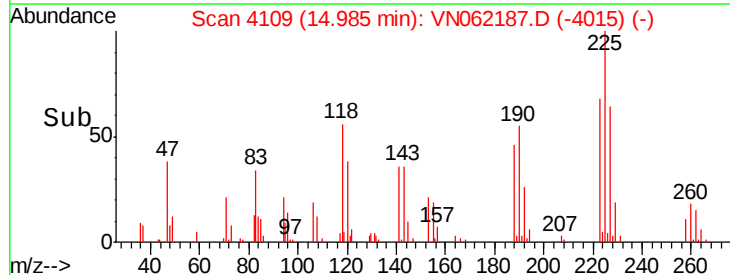
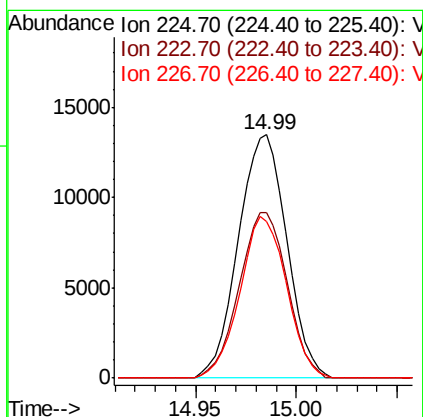
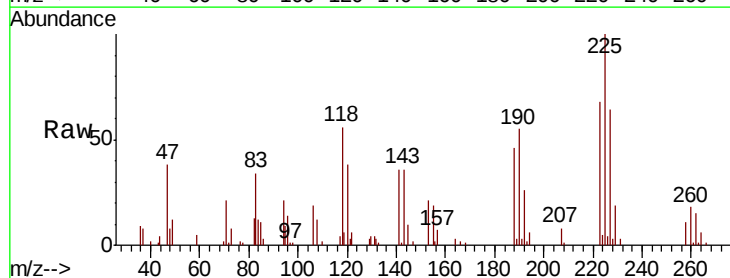
Instrument :
 MSVOA_N
 ClientSampled :
 VN0629WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.2	48.0	144.2
145	31.1	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 20.032 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062187.D
 Acq: 29 Jun 2020 14:53

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.6	32.9	98.7
227	63.9	31.3	93.8

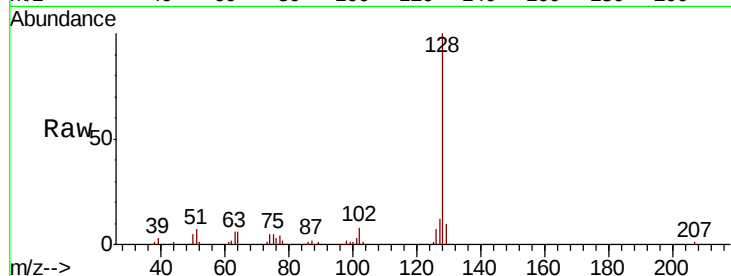




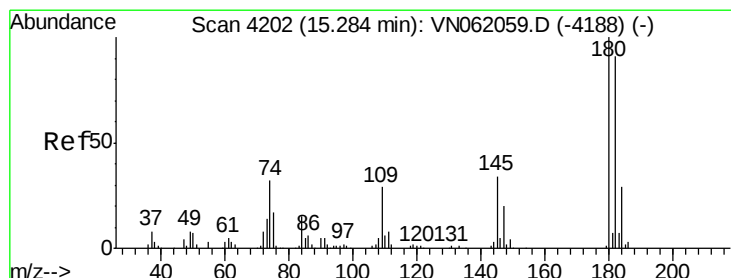
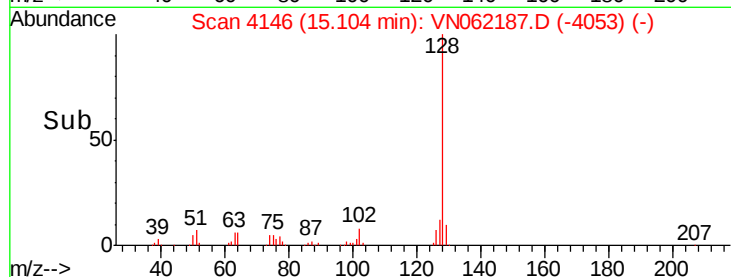
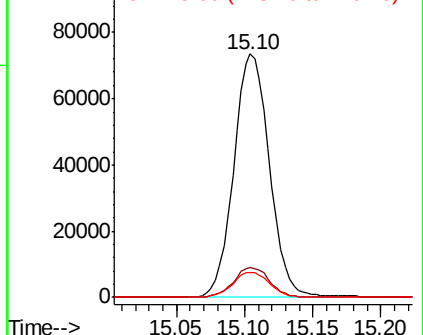
#95
Naphthalene
Concen: 18.132 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062187.D
Acq: 29 Jun 2020 14:53

Instrument :
MSVOA_N
ClientSampleId :
VN0629WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.5	15.7
129	10.7	8.6	13.0

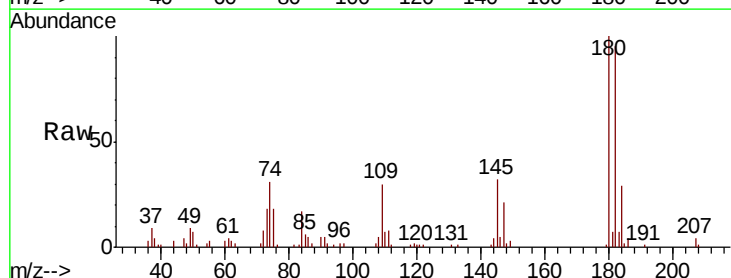


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 17.974 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062187.D
Acq: 29 Jun 2020 14:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.8	140.4
145	32.6	16.4	49.2



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

