

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
 Data File : VN062259.D
 Acq On : 1 Jul 2020 00:17
 Operator : JC/MD
 Sample : VN0630WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS02

Quant Time: Jul 01 03:41:03 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	203092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	384595	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	350370	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	153286	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	171661	60.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.46%	
35) Dibromofluoromethane	7.55	113	131884	53.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.90%	
50) Toluene-d8	10.06	98	505187	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
62) 4-Bromofluorobenzene	12.38	95	165333	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	38950	16.967	ug/l	97
3) Chloromethane	2.03	50	57561	20.510	ug/l	100
4) Vinyl Chloride	2.16	62	65753	18.188	ug/l	97
5) Bromomethane	2.53	94	41820	17.899	ug/l	96
6) Chloroethane	2.67	64	47336	19.168	ug/l	99
7) Trichlorofluoromethane	2.98	101	71809	16.120	ug/l	99
8) Diethyl Ether	3.37	74	33025	21.232	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	42251	18.112	ug/l	97
10) Methyl Iodide	3.91	142	46421	17.670	ug/l	99
11) Tert butyl alcohol	4.73	59	23681	57.871	ug/l #	88
12) 1,1-Dichloroethene	3.69	96	43068	18.468	ug/l	95
13) Acrolein	3.57	56	42135	105.170	ug/l	98
14) Allyl chloride	4.27	41	67362	21.217	ug/l	97
15) Acrylonitrile	4.93	53	126881	113.784	ug/l	100
16) Acetone	3.78	43	106073	116.406	ug/l	98
17) Carbon Disulfide	4.00	76	123341	18.498	ug/l	99
18) Methyl Acetate	4.28	43	54423	24.021	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	160508	21.540	ug/l	98
20) Methylene Chloride	4.50	84	58740	22.331	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	49833	18.758	ug/l	98
22) Diisopropyl ether	5.90	45	158810	21.968	ug/l	94
23) Vinyl Acetate	5.84	43	650294	110.179	ug/l	97
24) 1,1-Dichloroethane	5.80	63	97559	20.957	ug/l	99
25) 2-Butanone	6.79	43	159437	114.450	ug/l	98
26) 2,2-Dichloropropane	6.78	77	63930	16.480	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	58917	19.709	ug/l	99
28) Bromochloromethane	7.15	49	48046	23.788	ug/l	93
29) Tetrahydrofuran	7.17	42	106087	116.256	ug/l	97
30) Chloroform	7.33	83	97888	20.668	ug/l	98
31) Cyclohexane	7.61	56	72001	18.285	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	76820	19.233	ug/l	98
36) 1,1-Dichloropropene	7.75	75	66578	17.222	ug/l	98
37) Ethyl Acetate	6.88	43	68354	21.354	ug/l	97
38) Carbon Tetrachloride	7.73	117	62108	17.041	ug/l	98

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 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	67378	15.907	ug/l	98
40) Benzene	8.00	78	220134	18.683	ug/l	99
41) Methacrylonitrile	7.17	41	96684	65.150	ug/l #	25
42) 1,2-Dichloroethane	8.08	62	80194	20.145	ug/l	99
43) Isopropyl Acetate	8.13	43	109782	21.038	ug/l	99
44) Trichloroethene	8.80	130	49755	16.740	ug/l	97
45) 1,2-Dichloropropane	9.08	63	58119	19.994	ug/l	100
46) Dibromomethane	9.17	93	38110	19.337	ug/l	96
47) Bromodichloromethane	9.37	83	77506	19.477	ug/l	100
48) Methyl methacrylate	9.17	41	48924	20.910	ug/l	95
49) 1,4-Dioxane	9.17	88	20542	395.906	ug/l #	93
51) 4-Methyl-2-Pentanone	9.95	43	336209	110.276	ug/l	98
52) Toluene	10.12	92	132822	18.475	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	82380	18.816	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	87402	18.751	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	56111	19.855	ug/l	96
56) Ethyl methacrylate	10.40	69	73508	19.491	ug/l	96
57) 1,3-Dichloropropane	10.68	76	95857	19.706	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	138569	96.842	ug/l	98
59) 2-Hexanone	10.72	43	240559	109.269	ug/l	99
60) Dibromochloromethane	10.87	129	56117	18.756	ug/l	99
61) 1,2-Dibromoethane	10.98	107	55185	19.005	ug/l	100
64) Tetrachloroethene	10.60	164	37980	15.869	ug/l	89
65) Chlorobenzene	11.41	112	138243	17.967	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	49746	18.697	ug/l	98
67) Ethyl Benzene	11.48	91	236355	18.189	ug/l	97
68) m/p-Xylenes	11.60	106	179138	35.642	ug/l	96
69) o-Xylene	11.92	106	86055	18.147	ug/l	96
70) Styrene	11.94	104	145879	18.445	ug/l	99
71) Bromoform	12.10	173	34229	18.095	ug/l #	99
73) Isopropylbenzene	12.22	105	220395	18.574	ug/l	100
74) N-amyl acetate	12.05	43	85011	21.505	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	86058	21.795	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	101046	28.002	ug/l #	100
77) Bromobenzene	12.50	156	55065	18.692	ug/l	92
78) n-propylbenzene	12.57	91	254868	18.778	ug/l	99
79) 2-Chlorotoluene	12.65	91	158768	19.350	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	184195	19.149	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	24170	19.561	ug/l	98
82) 4-Chlorotoluene	12.75	91	161068	18.983	ug/l	98
83) tert-Butylbenzene	12.97	119	150635	18.299	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	184118	19.165	ug/l	100
85) sec-Butylbenzene	13.15	105	204745	18.823	ug/l	99
86) p-Isopropyltoluene	13.26	119	177776	18.655	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	94585	18.285	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	96351	18.069	ug/l	99
89) n-Butylbenzene	13.59	91	141127	17.812	ug/l	98
90) Hexachloroethane	13.85	117	34088	18.231	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	95340	19.007	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12924	20.432	ug/l	98

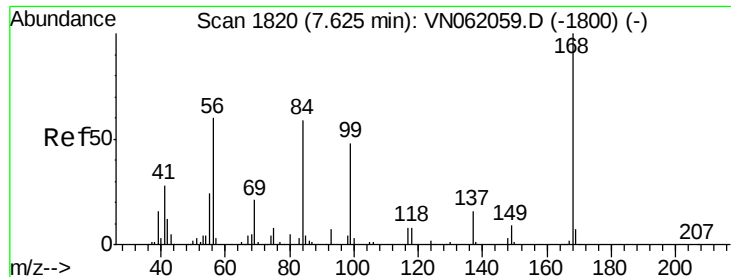
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN063020\
Data File : VN062259.D
Acq On : 1 Jul 2020 00:17
Operator : JC/MD
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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	36848	16.815	ug/l	99
94) Hexachlorobutadiene	14.98	225	16835	17.688	ug/l	99
95) Naphthalene	15.10	128	110027	17.851	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	40159	17.923	ug/l	99

(#) = 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: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

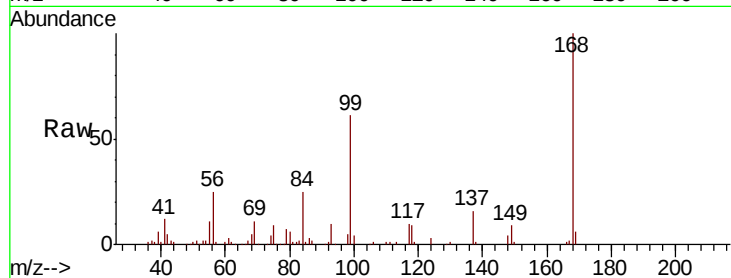
VN0630WBS02

Tot Ion:168 Resp: 203092

Ion Ratio Lower Upper

168 100

99 60.3 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

80000

60000

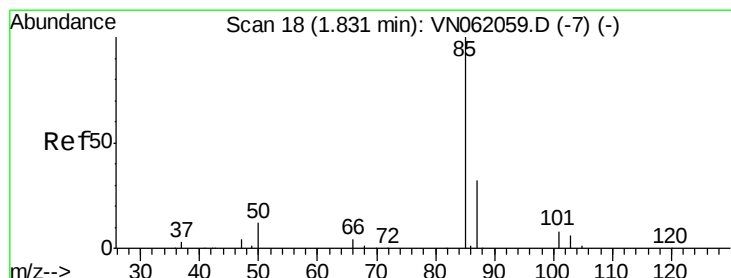
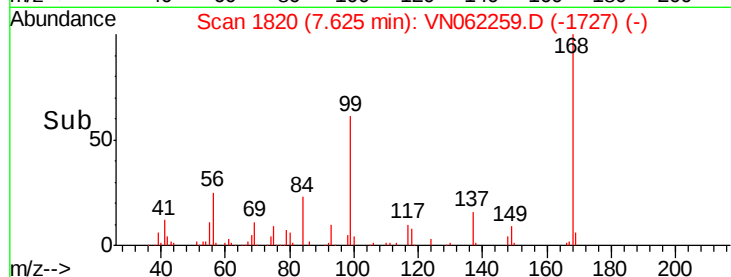
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 16.967 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062259.D

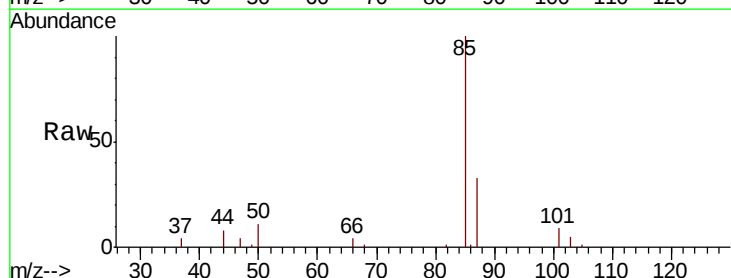
Acq: 1 Jul 2020 00:17

Tgt Ion: 85 Resp: 38950

Ion Ratio Lower Upper

85 100

87 33.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

30000

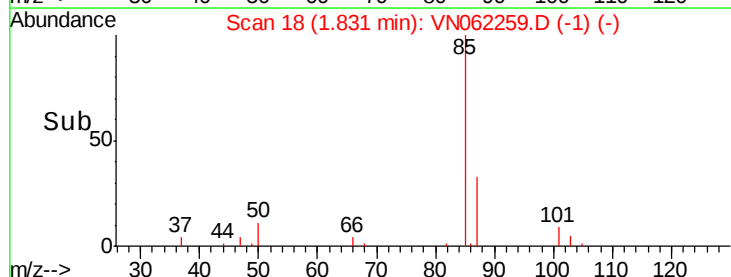
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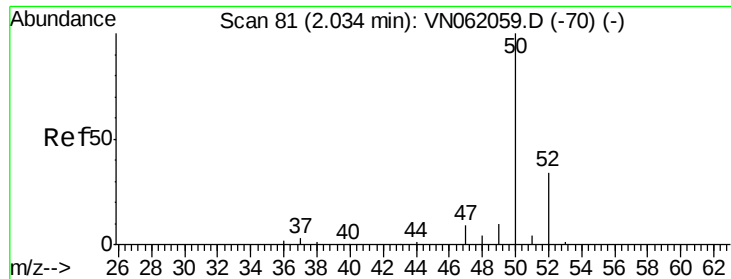
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 20.510 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

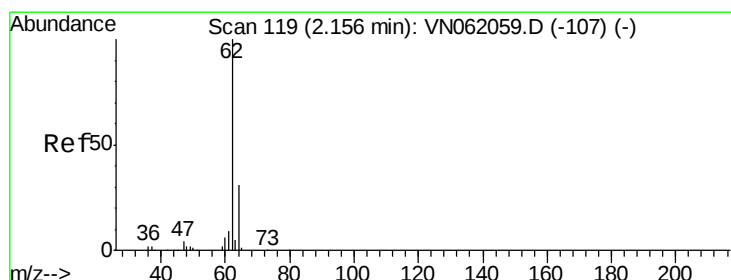
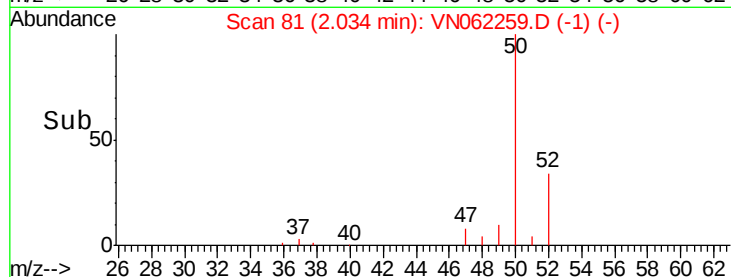
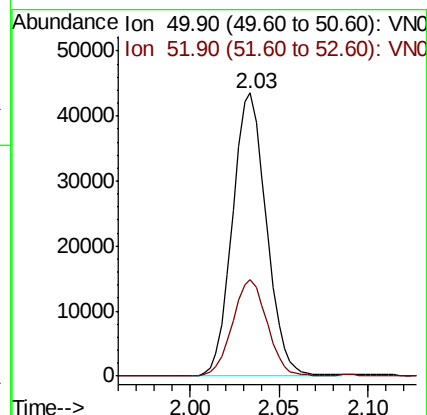
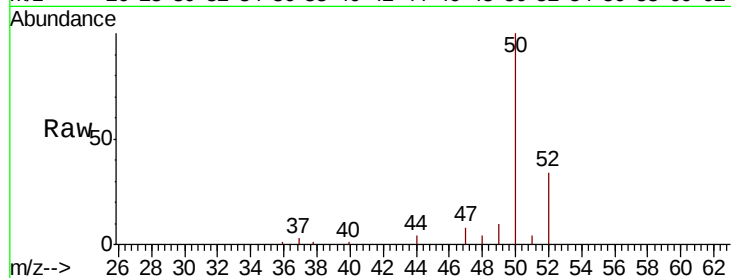
VN0630WBS02

Tot Ion: 50 Resp: 57561

Ion Ratio Lower Upper

50 100

52 33.9 27.0 40.6



#4

Vinyl Chloride

Concen: 18.188 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062259.D

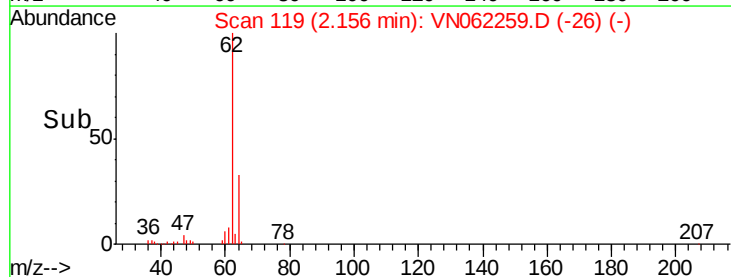
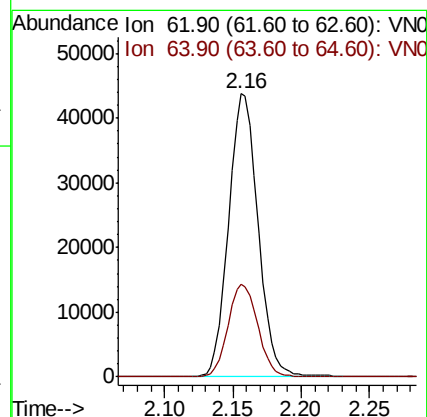
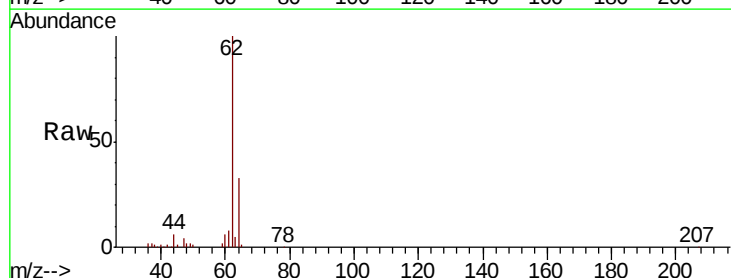
Acq: 1 Jul 2020 00:17

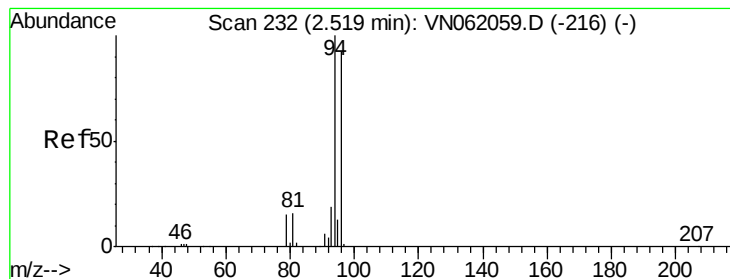
Tgt Ion: 62 Resp: 65753

Ion Ratio Lower Upper

62 100

64 32.9 25.1 37.7





#5

Bromomethane

Concen: 17.899 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.01 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

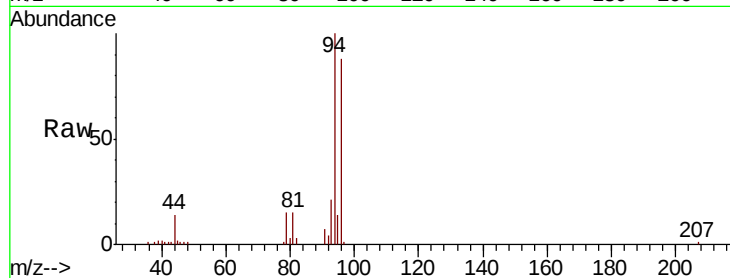
VN0630WBS02

Tot Ion: 94 Resp: 41820

Ion Ratio Lower Upper

94 100

96 87.5 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VN062059.D (-216) (-)

Ion 95.90 (95.60 to 96.60): VN062059.D (-216) (-)

2.53

20000

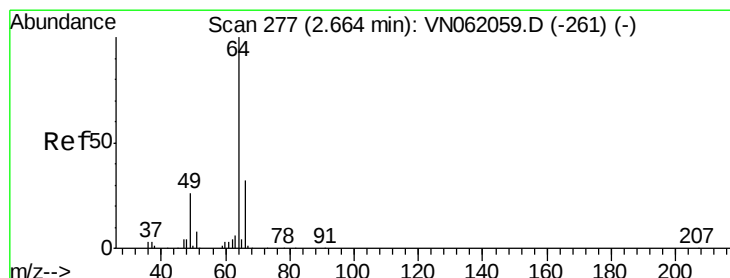
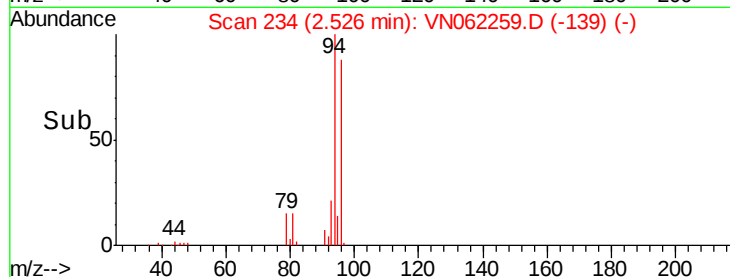
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 19.168 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062259.D

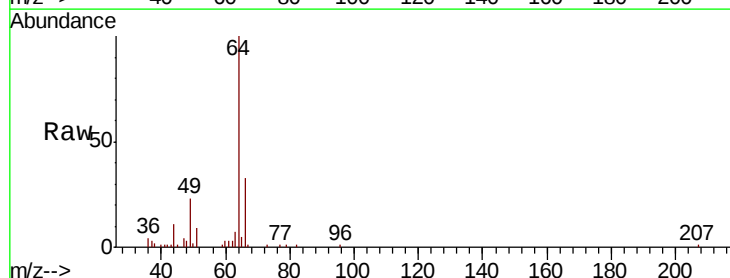
Acq: 1 Jul 2020 00:17

Tgt Ion: 64 Resp: 47336

Ion Ratio Lower Upper

64 100

66 32.6 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VN062059.D (-261) (-)

Ion 65.90 (65.60 to 66.60): VN062059.D (-261) (-)

2.67

25000

20000

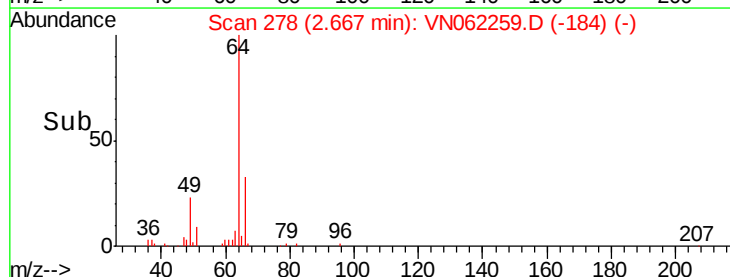
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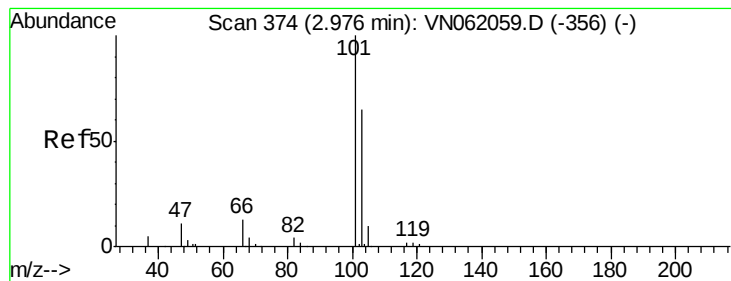
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5000

0

Time-->



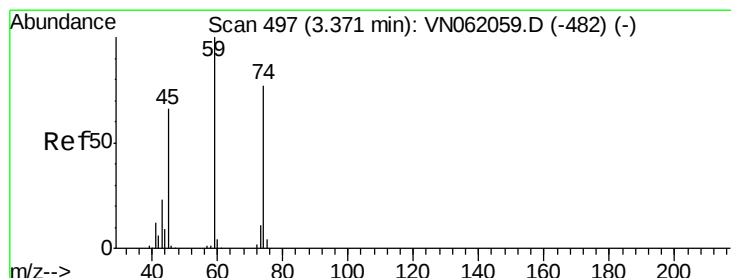
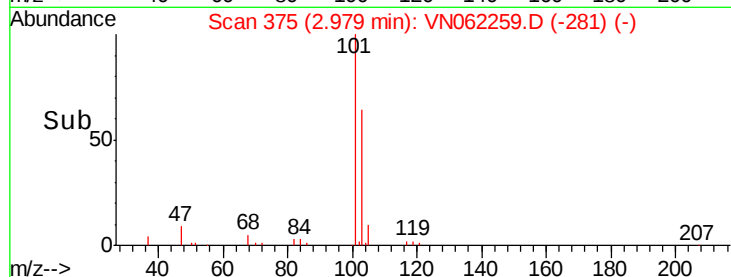
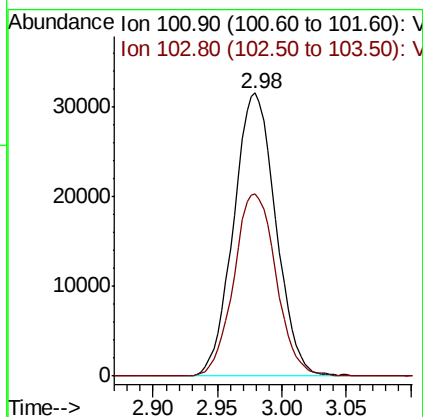
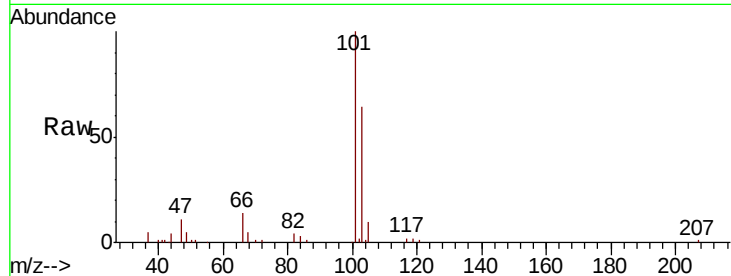


#7

Trichlorofluoromethane
 Concen: 16.120 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS02

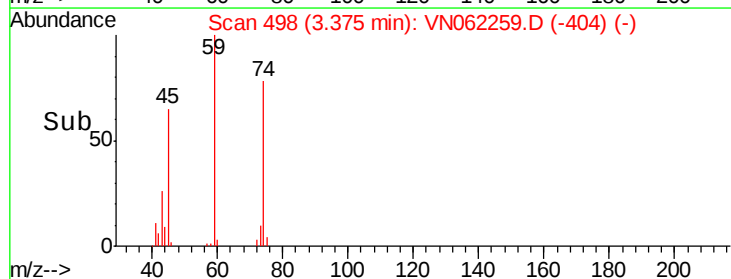
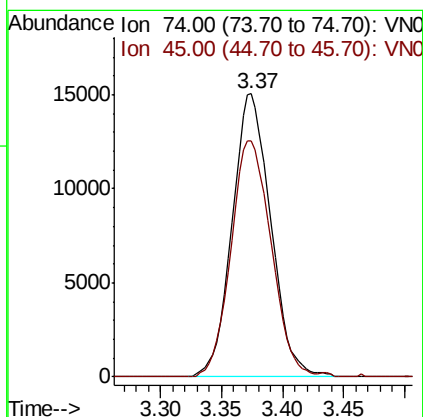
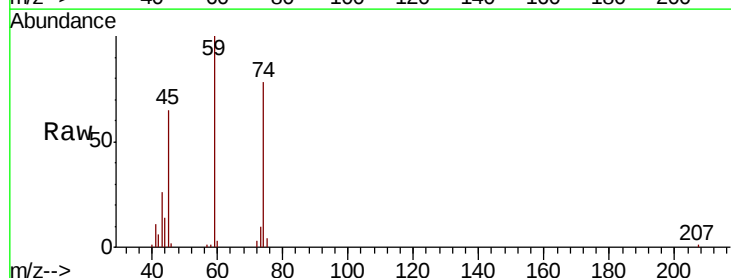
Tot Ion:101 Resp: 71809
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.8 77.6

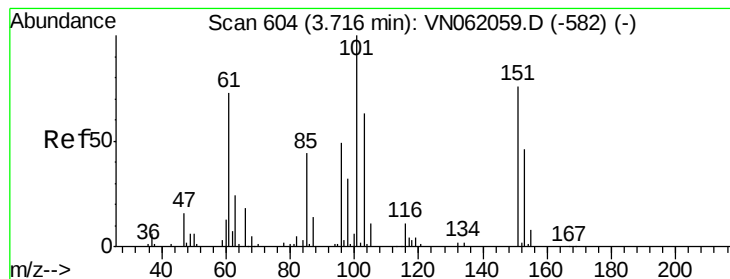


#8

Diethyl Ether
 Concen: 21.232 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Tgt Ion: 74 Resp: 33025
 Ion Ratio Lower Upper
 74 100
 45 86.8 42.5 127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.112 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS02

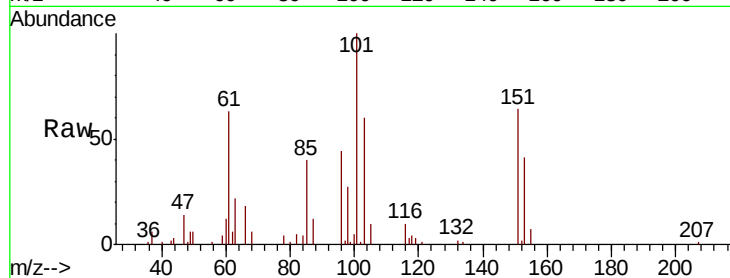
Tot Ion:101 Resp: 42251

Ion Ratio Lower Upper

101 100

85 43.5 34.5 51.7

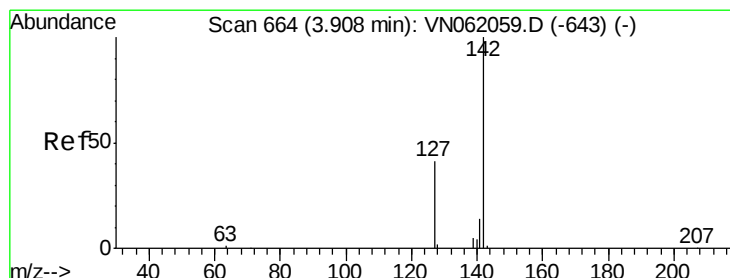
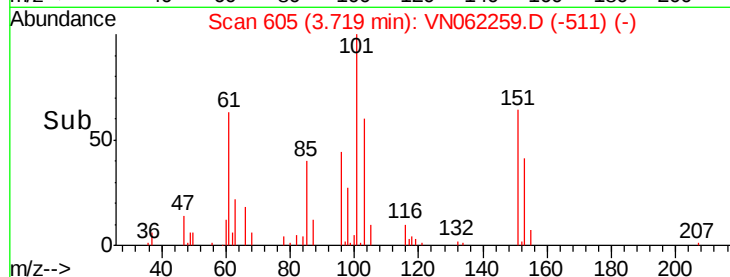
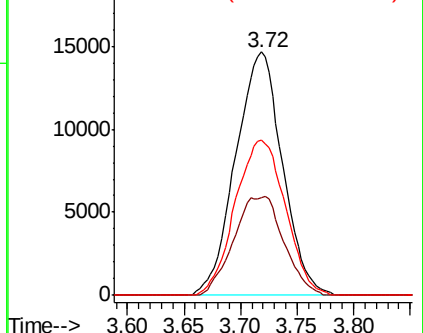
151 68.3 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.670 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

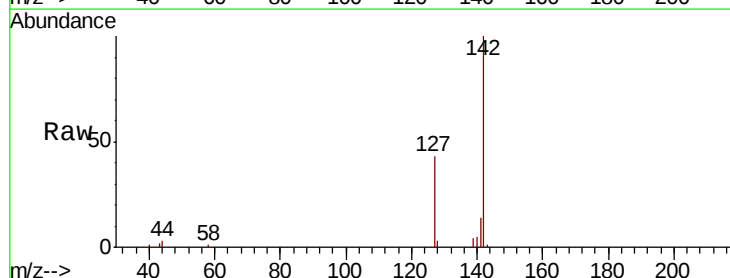
Tgt Ion:142 Resp: 46421

Ion Ratio Lower Upper

142 100

127 42.4 33.6 50.4

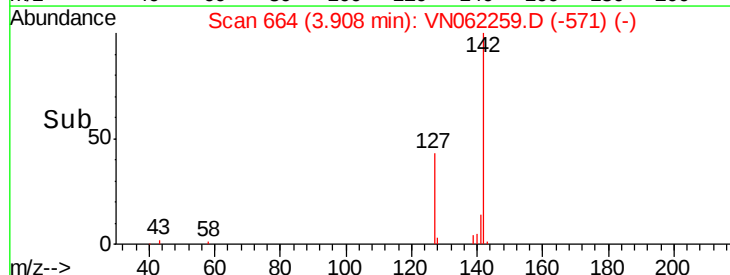
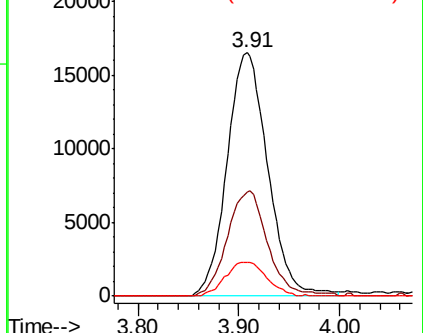
141 14.0 11.3 16.9

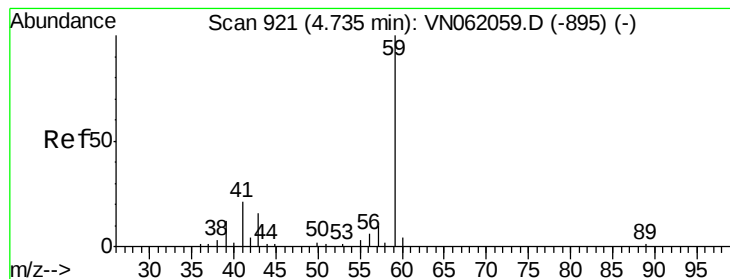


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



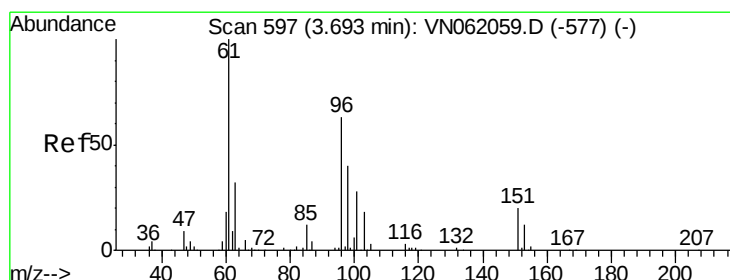
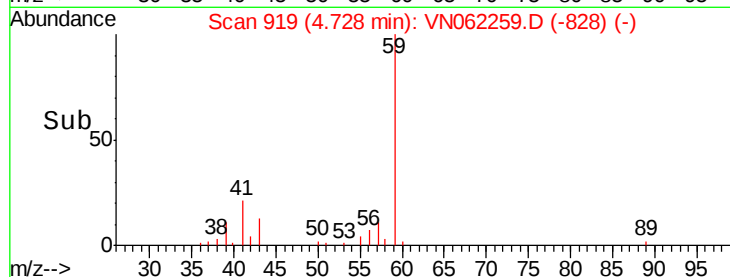
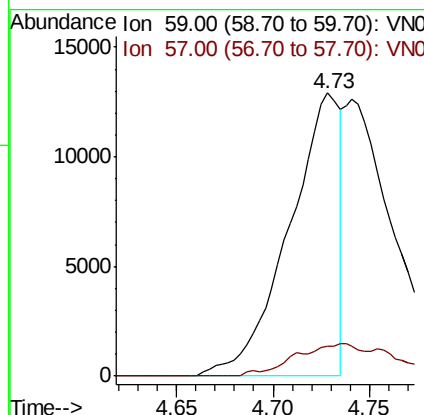
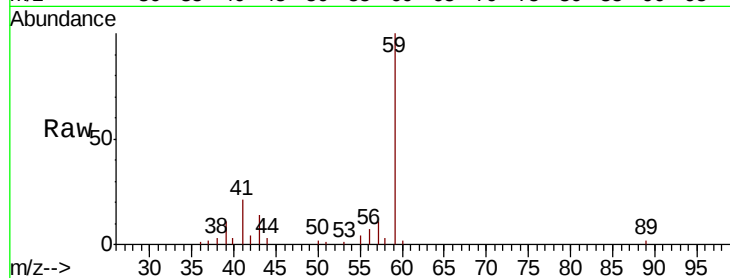


#11

Tert butyl alcohol
 Concen: 57.871 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS02

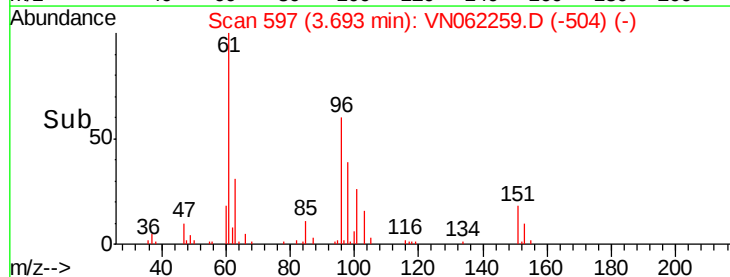
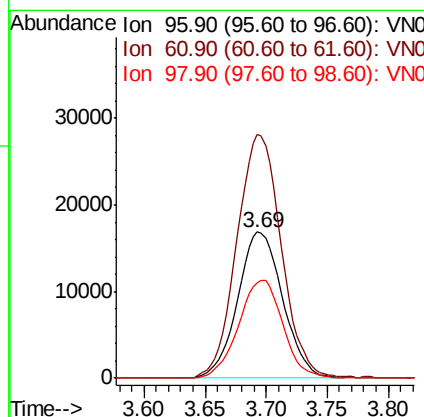
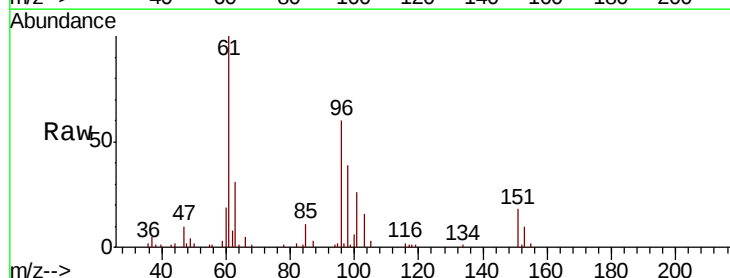
Tot Ion: 59 Resp: 23681
 Ion Ratio Lower Upper
 59 100
 57 14.8 8.3 12.5#

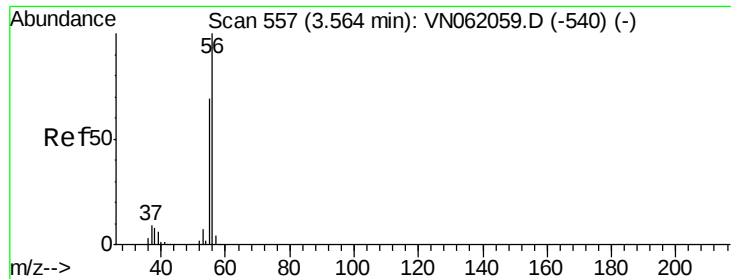


#12

1,1-Dichloroethene
 Concen: 18.468 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Tgt Ion: 96 Resp: 43068
 Ion Ratio Lower Upper
 96 100
 61 167.0 126.7 190.1
 98 65.6 51.0 76.4





#13

Acrolein

Concen: 105.170 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

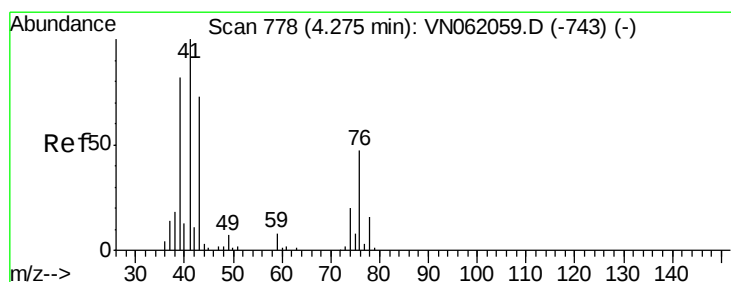
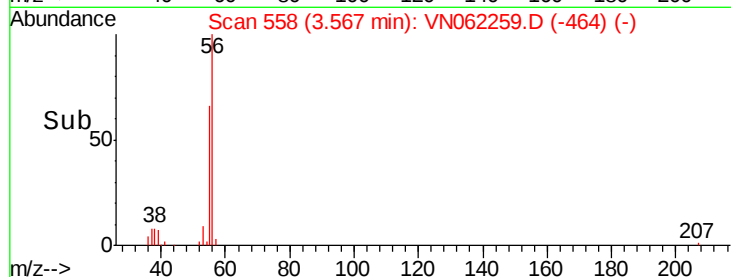
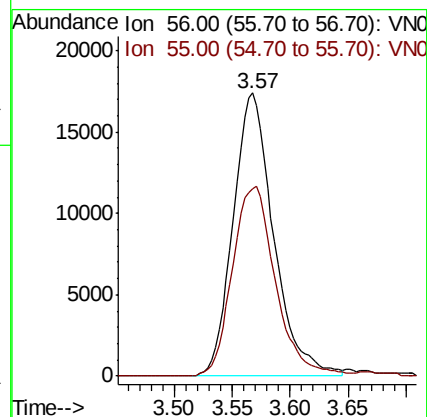
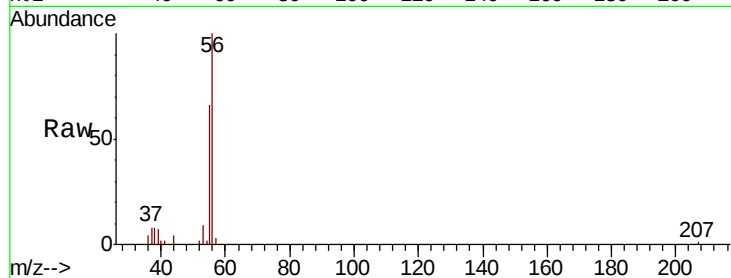
VN0630WBS02

Tot Ion: 56 Resp: 42135

Ion Ratio Lower Upper

56 100

55 71.3 55.5 83.3



#14

Allyl chloride

Concen: 21.217 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

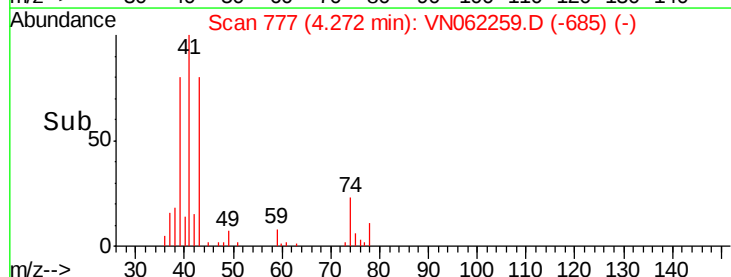
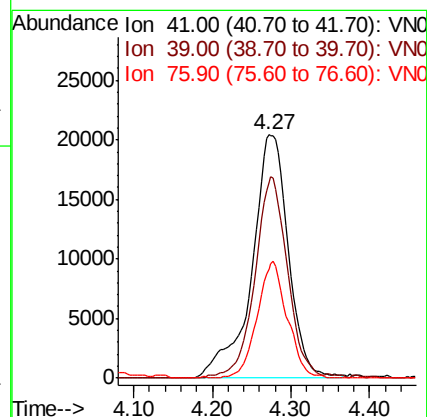
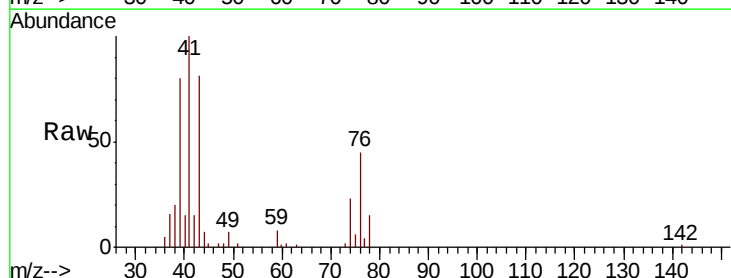
Tgt Ion: 41 Resp: 67362

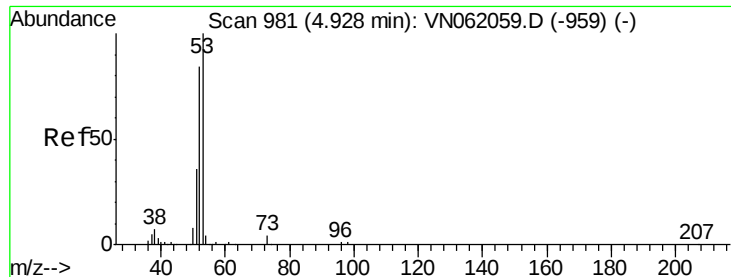
Ion Ratio Lower Upper

41 100

39 73.5 60.0 90.0

76 39.4 34.1 51.1





#15

Acrylonitrile

Concen: 113.784 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.01 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS02

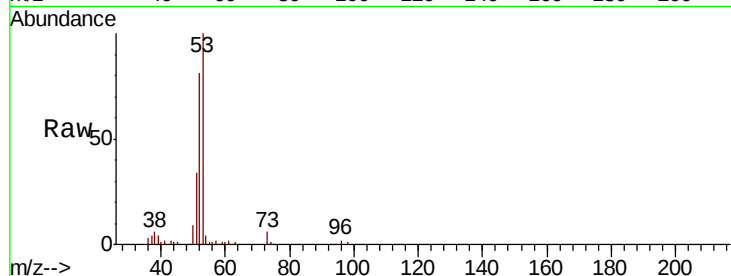
Tot Ion: 53 Resp: 126881

Ion Ratio Lower Upper

53 100

52 83.0 66.2 99.4

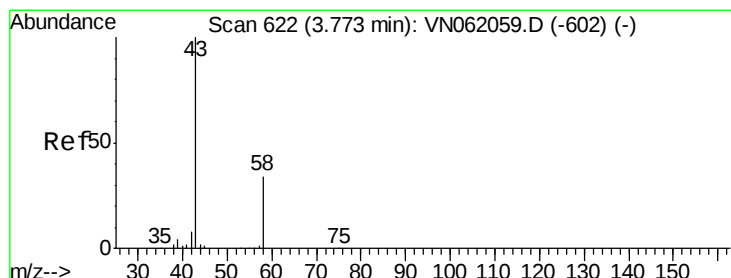
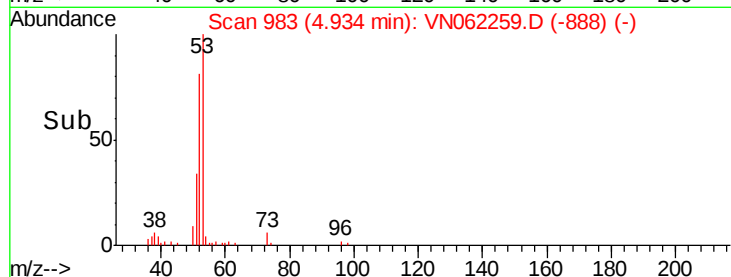
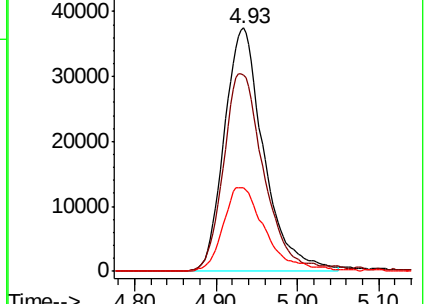
51 36.3 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VN062059.D (-959) (-)

Ion 52.00 (51.70 to 52.70): VN062059.D (-959) (-)

Ion 51.00 (50.70 to 51.70): VN062059.D (-959) (-)



#16

Acetone

Concen: 116.406 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062259.D

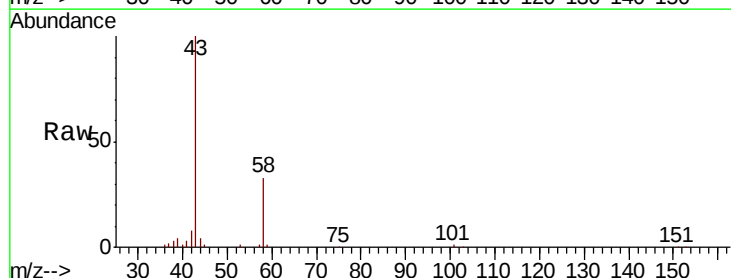
Acq: 1 Jul 2020 00:17

Tgt Ion: 43 Resp: 106073

Ion Ratio Lower Upper

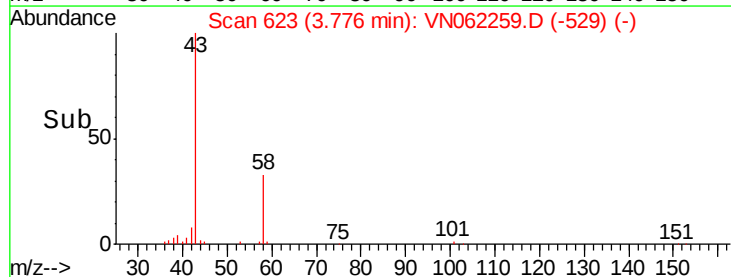
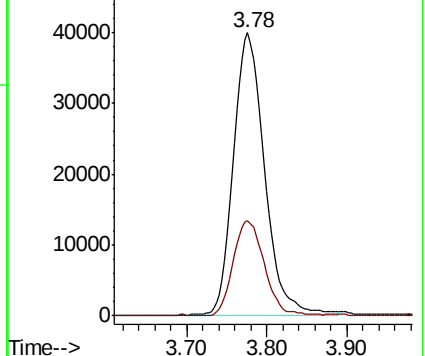
43 100

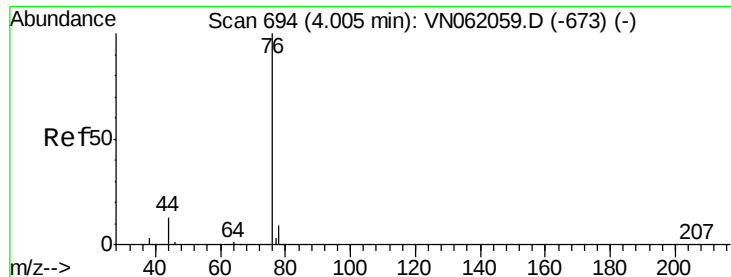
58 33.5 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-602) (-)

Ion 58.00 (57.70 to 58.70): VN062059.D (-602) (-)

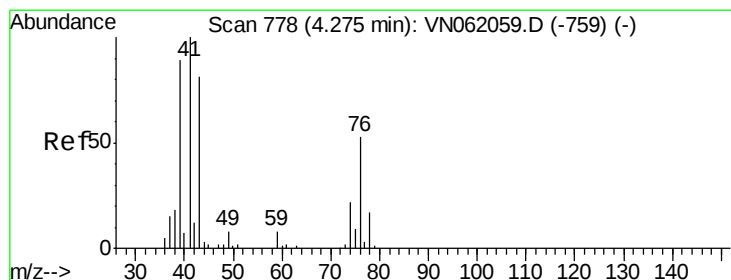
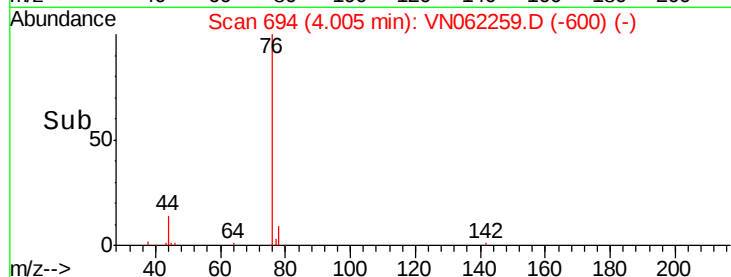
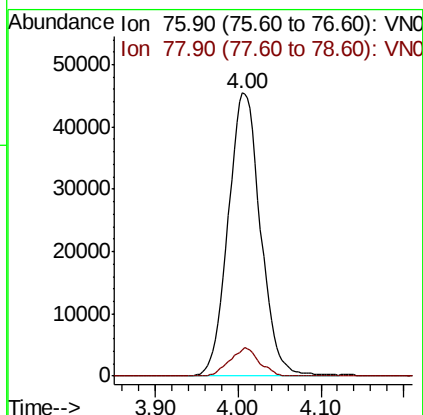
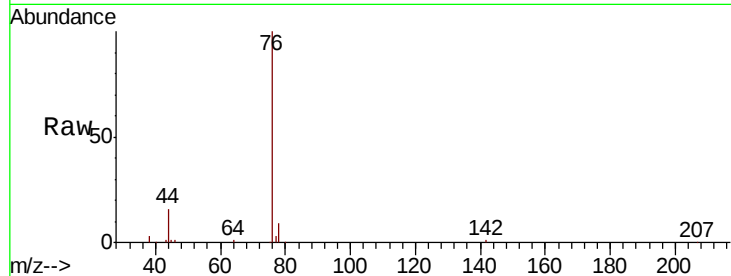




#17
Carbon Disulfide
Concen: 18.498 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

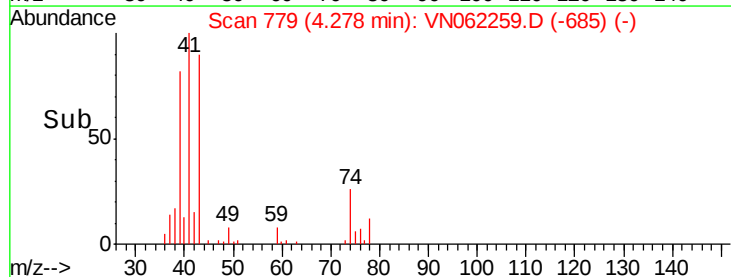
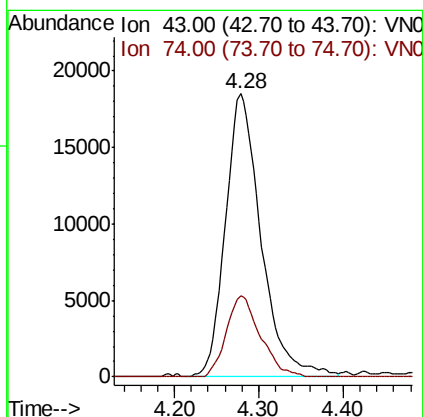
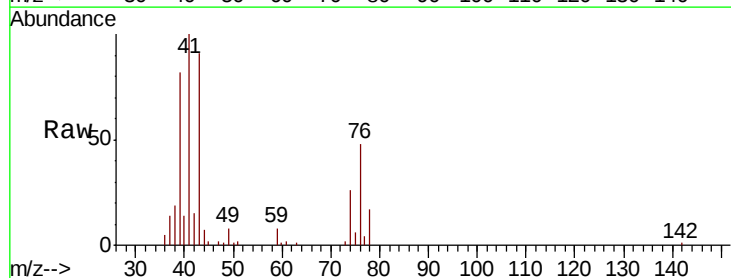
Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS02

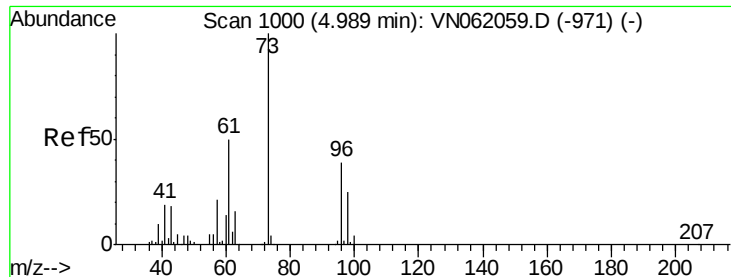
Tot Ion: 76 Resp: 123341
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 24.021 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Tgt Ion: 43 Resp: 54423
Ion Ratio Lower Upper
43 100
74 27.4 22.9 34.3

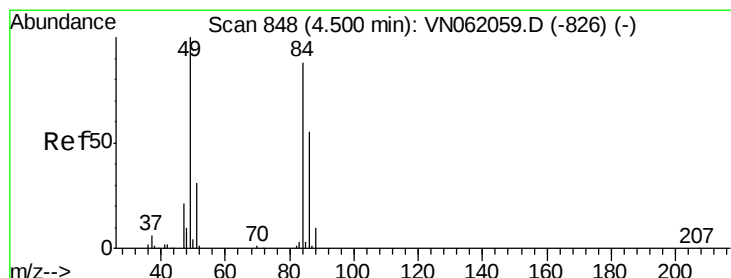
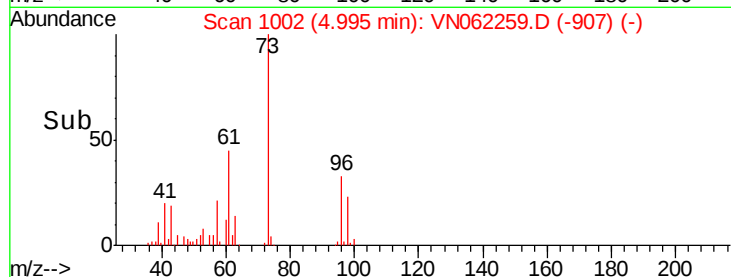
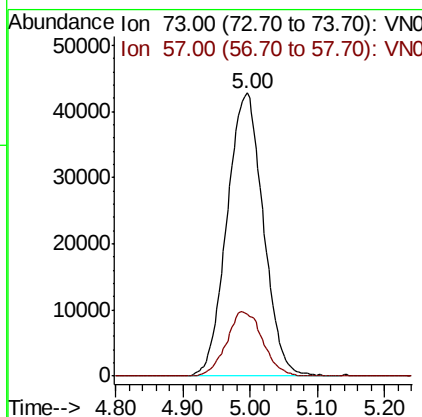
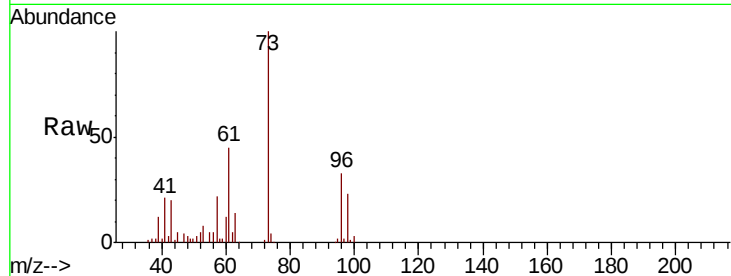




#19
Methyl tert-butyl Ether
Concen: 21.540 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

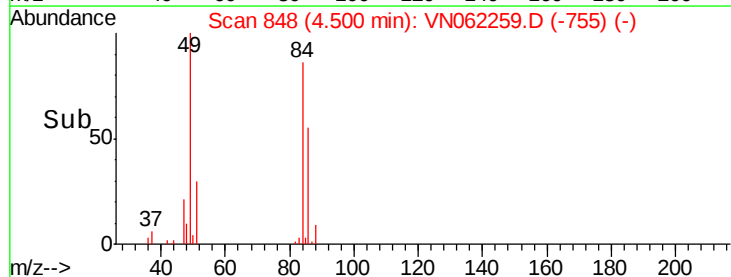
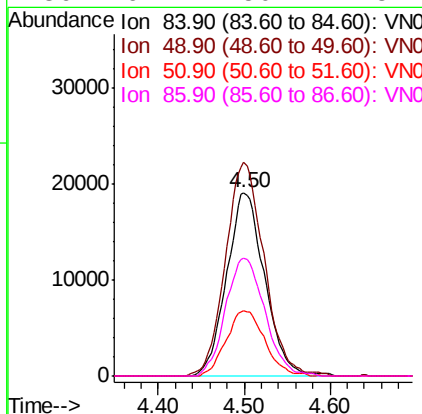
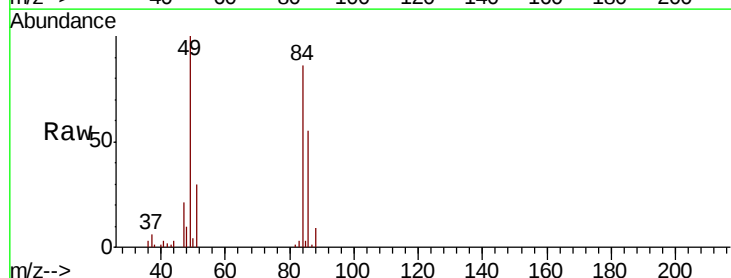
Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS02

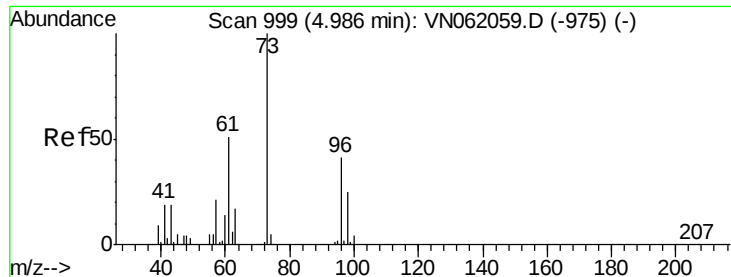
Tot Ion: 73 Resp: 160508
Ion Ratio Lower Upper
73 100
57 21.7 16.6 24.8



#20
Methylene Chloride
Concen: 22.331 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Tgt Ion: 84 Resp: 58740
Ion Ratio Lower Upper
84 100
49 116.5 90.6 136.0
51 35.5 27.8 41.8
86 64.4 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 18.758 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS02

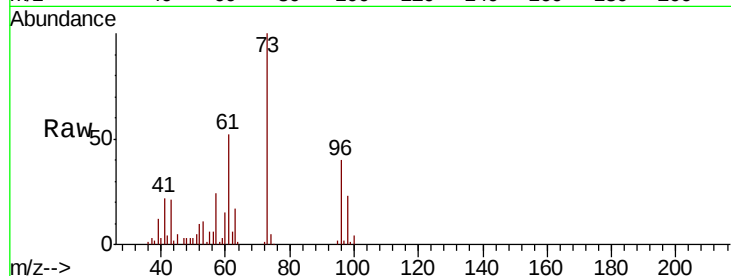
Tot Ion: 96 Resp: 49833

Ion Ratio Lower Upper

96 100

61 128.0 101.4 152.2

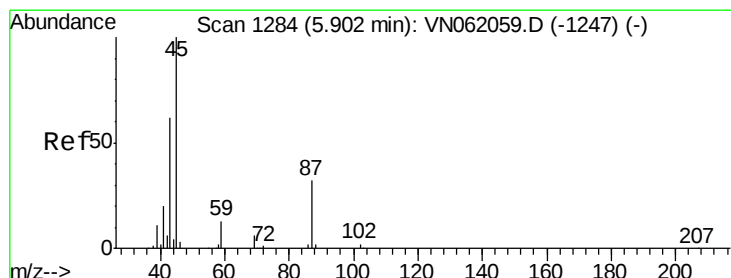
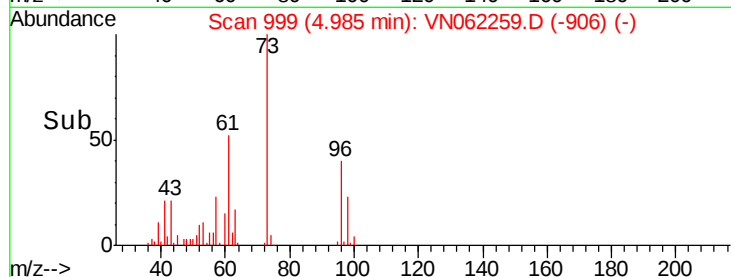
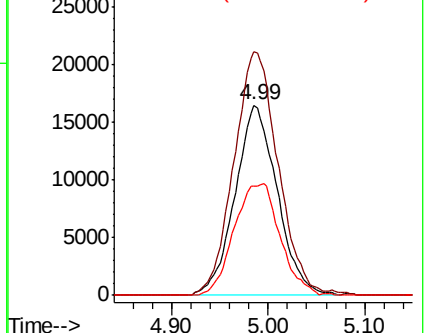
98 57.6 49.3 73.9



Abundance Ion 95.90 (95.60 to 96.60): VN062259.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN062259.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN062259.D (-906) (-)



#22

Diisopropyl ether

Concen: 21.968 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Tgt Ion: 45 Resp: 158810

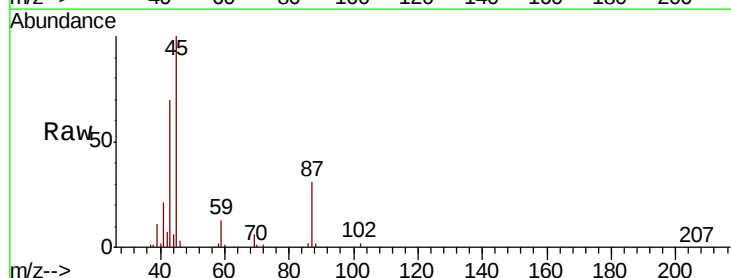
Ion Ratio Lower Upper

45 100

43 68.2 49.7 74.5

87 30.8 25.9 38.9

59 12.8 10.6 16.0

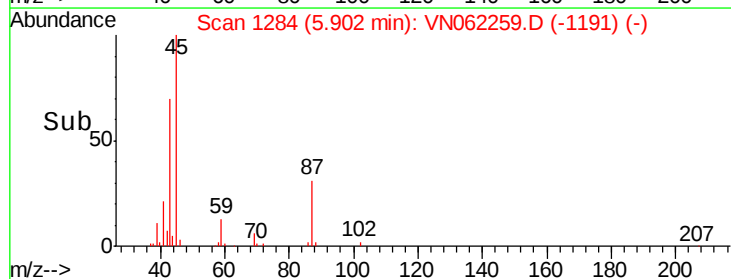
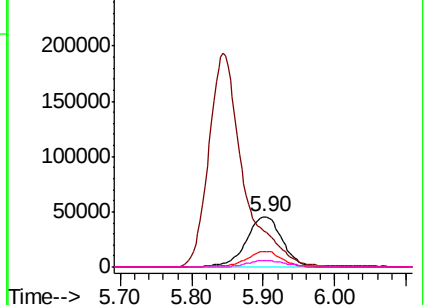


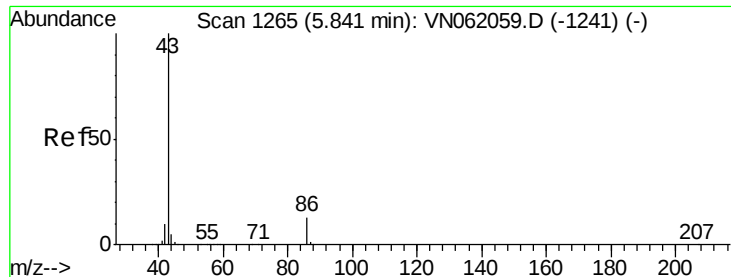
Abundance Ion 45.00 (44.70 to 45.70): VN062259.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN062259.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN062259.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN062259.D (-1191) (-)

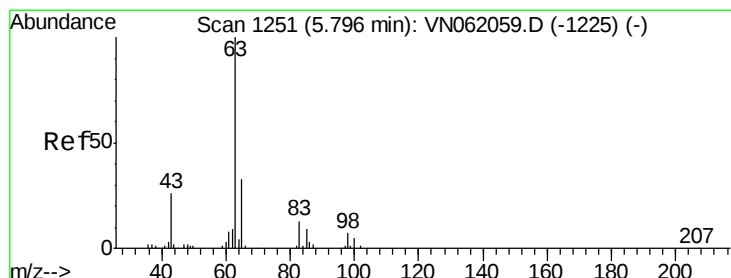
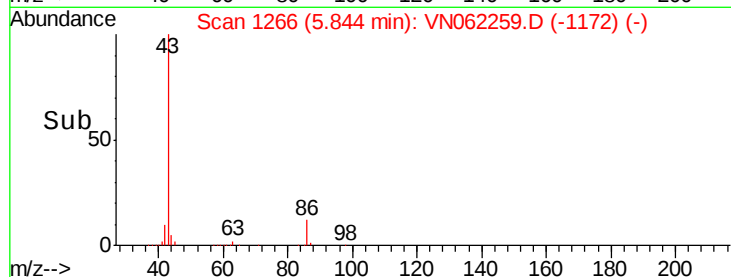
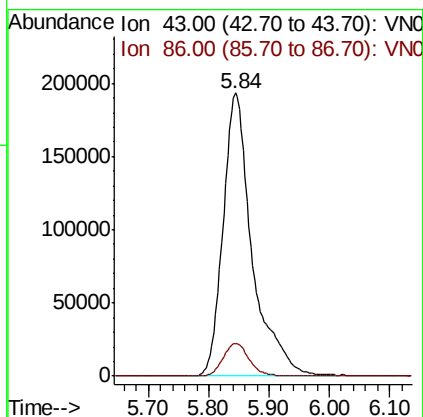
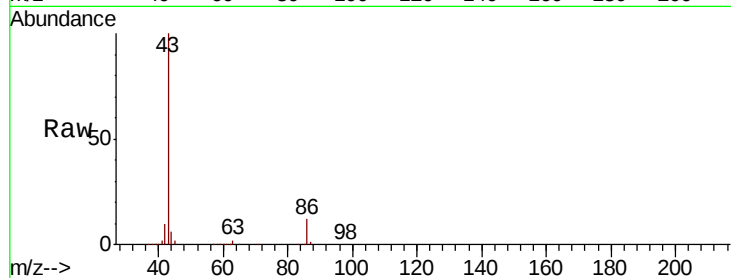




#23
 Vinyl Acetate
 Concen: 110.179 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

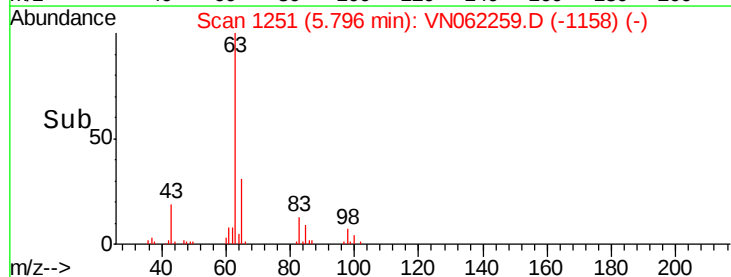
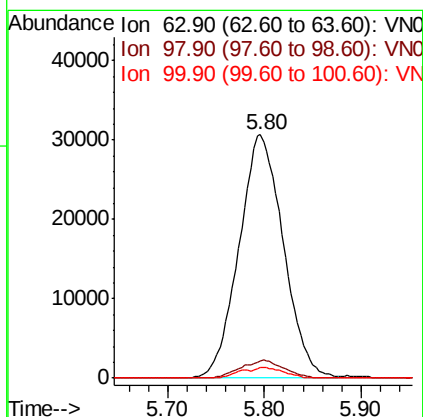
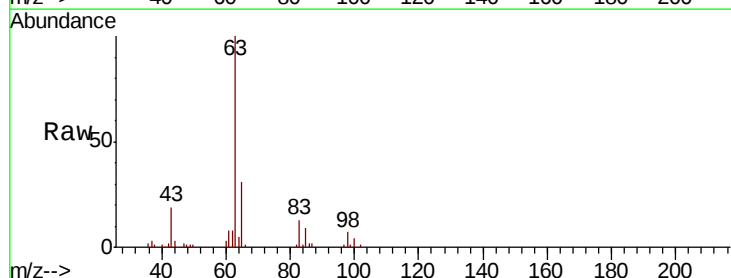
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS02

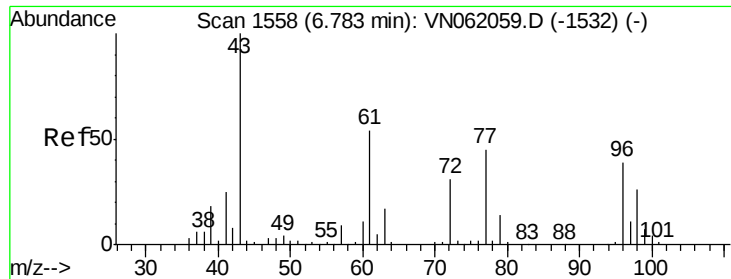
Tot Ion: 43 Resp: 650294
 Ion Ratio Lower Upper
 43 100
 86 11.6 10.1 15.1



#24
 1,1-Dichloroethane
 Concen: 20.957 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Tgt Ion: 63 Resp: 97559
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 4.4 2.4 7.1

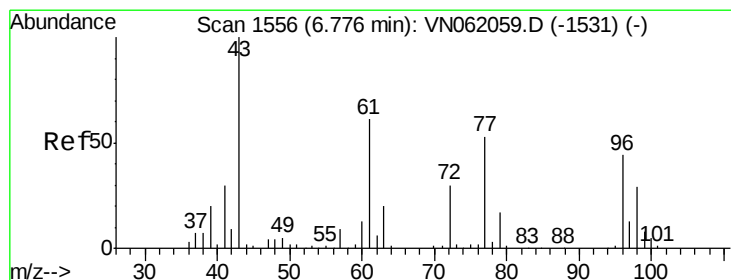
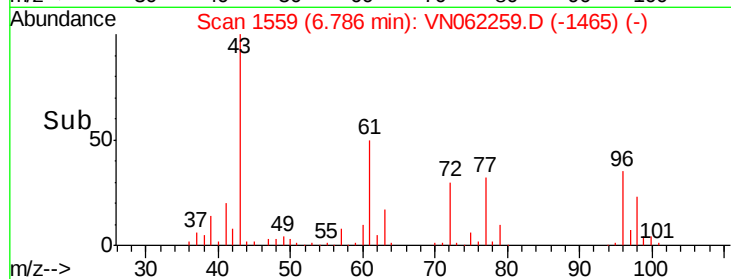
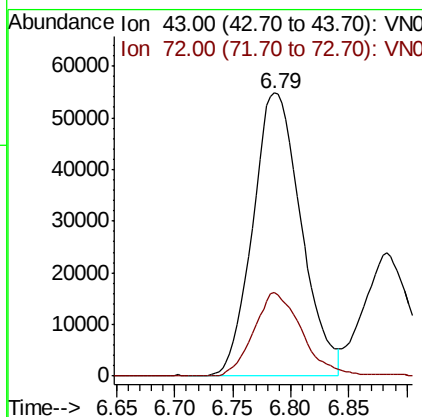
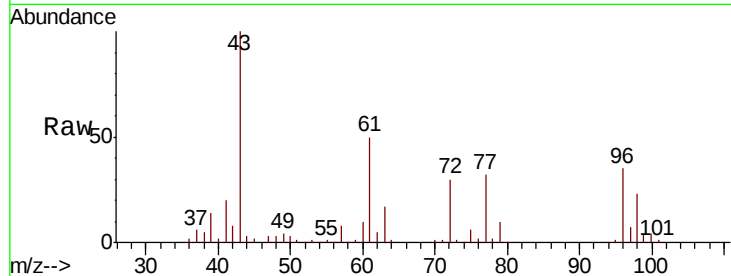




#25
2-Butanone
Concen: 114.450 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

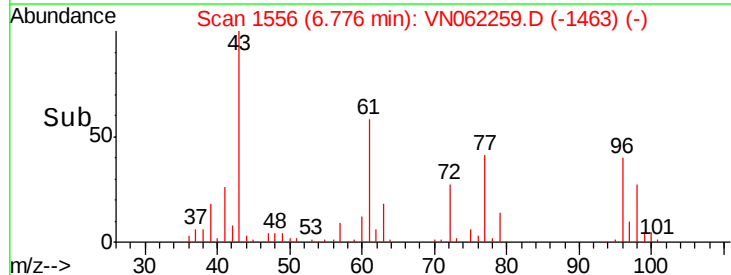
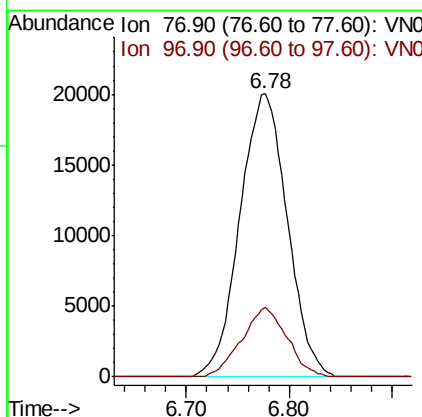
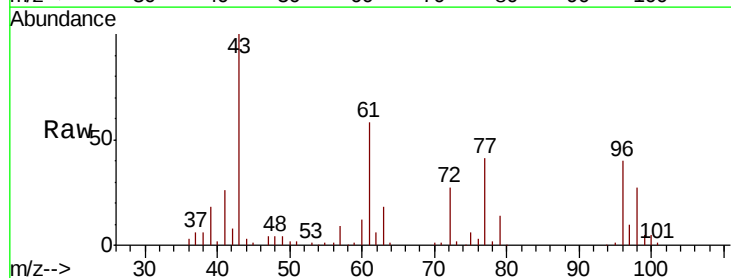
Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS02

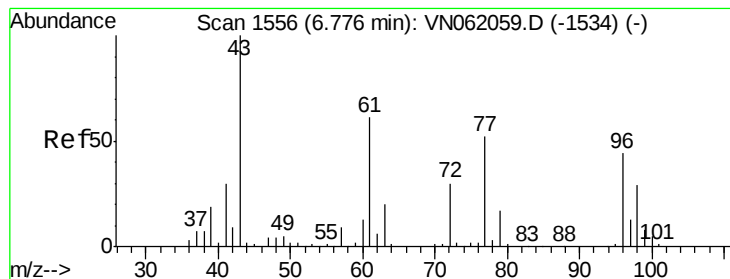
Tot Ion: 43 Resp: 159437
Ion Ratio Lower Upper
43 100
72 29.7 24.8 37.2



#26
2,2-Dichloropropane
Concen: 16.480 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Tgt Ion: 77 Resp: 63930
Ion Ratio Lower Upper
77 100
97 23.3 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 19.709 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS02

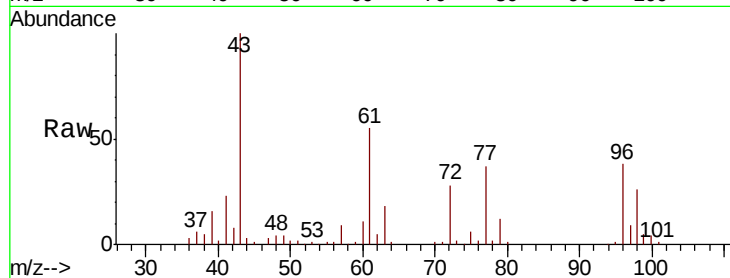
Tot Ion: 96 Resp: 58917

Ion Ratio Lower Upper

96 100

61 142.4 0.0 280.4

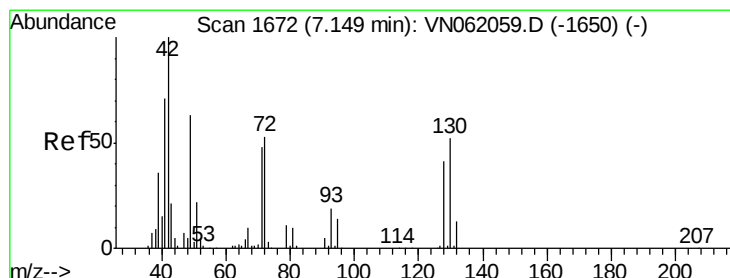
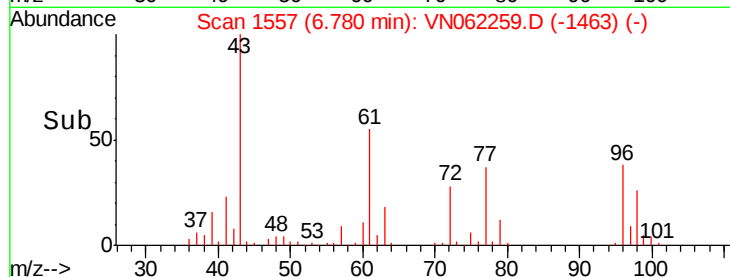
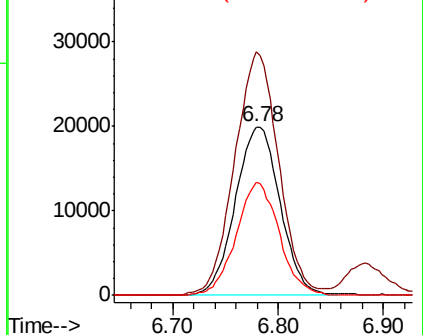
98 64.3 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062059.D (-1534) (-)

Ion 60.90 (60.60 to 61.60): VN062059.D (-1534) (-)

Ion 97.90 (97.60 to 98.60): VN062059.D (-1534) (-)



#28

Bromochloromethane

Concen: 23.788 ug/l

RT: 7.15 min Scan# 1673

Delta R.T. 0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

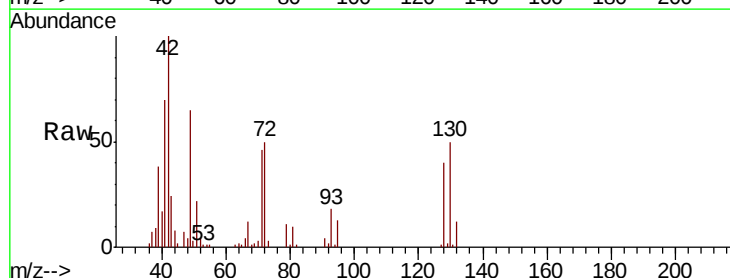
Tgt Ion: 49 Resp: 48046

Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.4

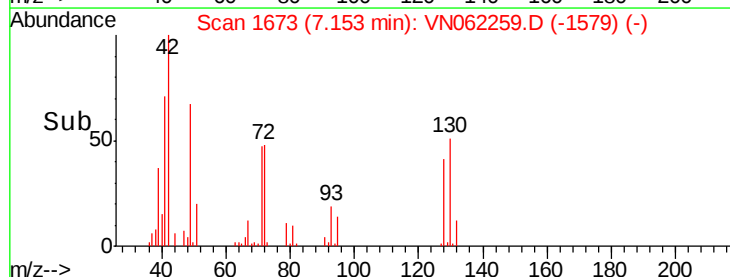
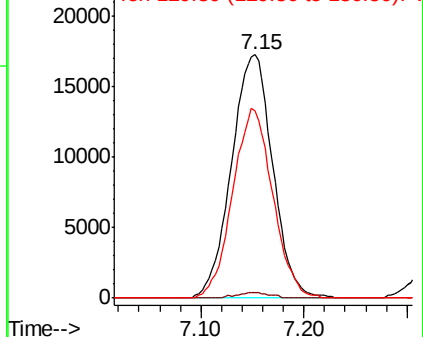
130 75.5 65.5 98.3

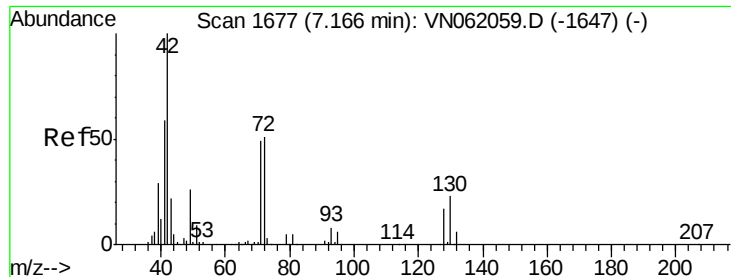


Abundance Ion 48.90 (48.60 to 49.60): VN062059.D (-1650) (-)

Ion 128.80 (128.50 to 129.50): VN062059.D (-1650) (-)

Ion 129.80 (129.50 to 130.50): VN062059.D (-1650) (-)

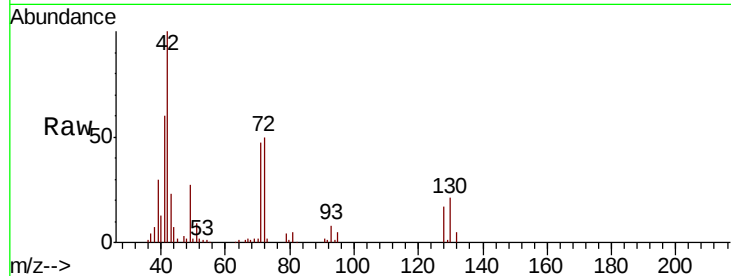




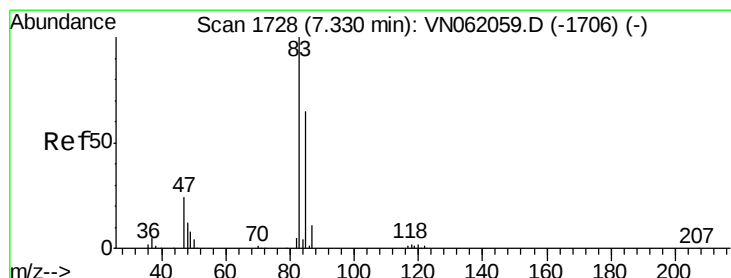
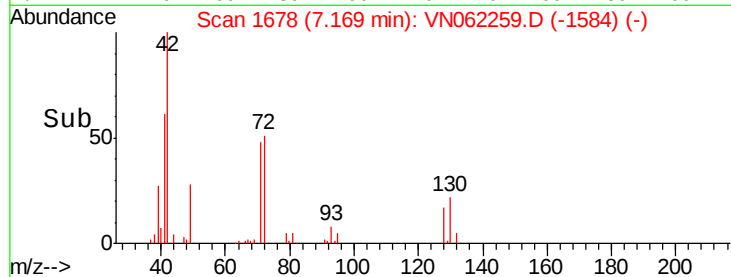
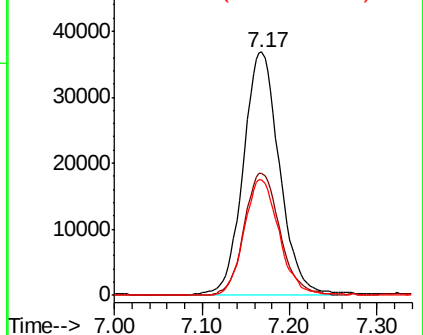
#29
Tetrahydrofuran
Concen: 116.256 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS02

Tot Ion: 42 Resp: 106087
Ion Ratio Lower Upper
42 100
72 49.5 41.1 61.7
71 45.9 38.2 57.4

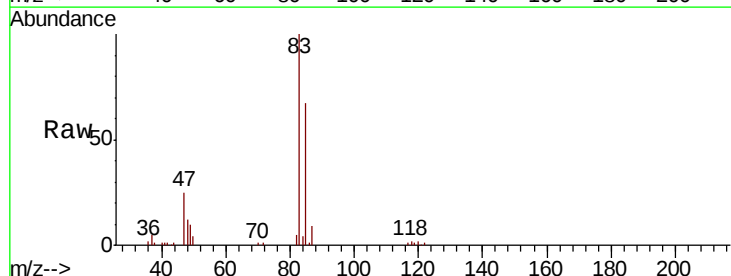


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

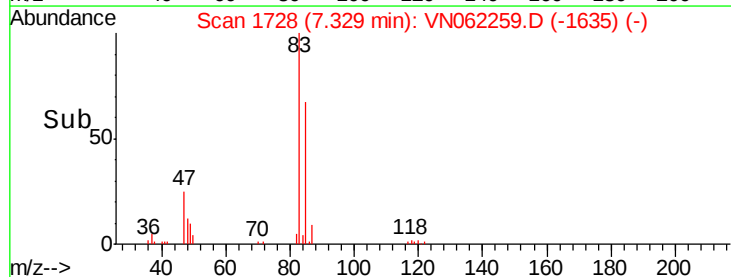
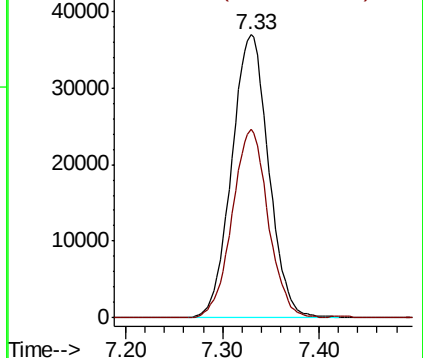


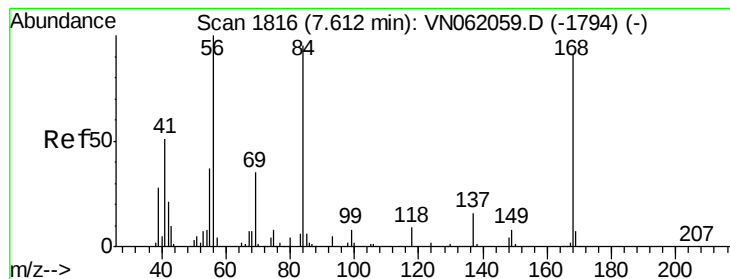
#30
Chloroform
Concen: 20.668 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Tgt Ion: 83 Resp: 97888
Ion Ratio Lower Upper
83 100
85 66.8 52.3 78.5



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





#31

Cyclohexane

Concen: 18.285 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS02

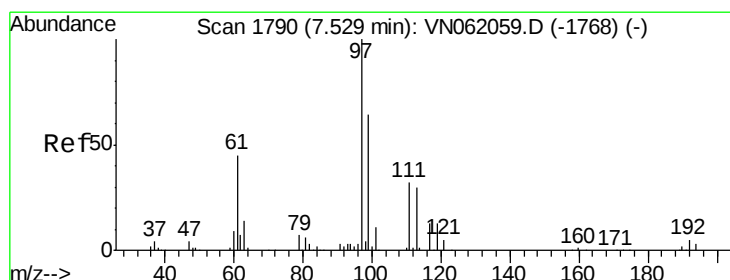
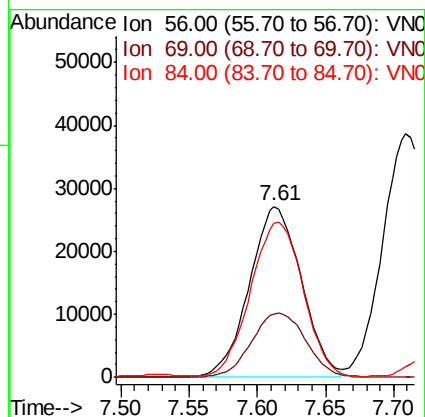
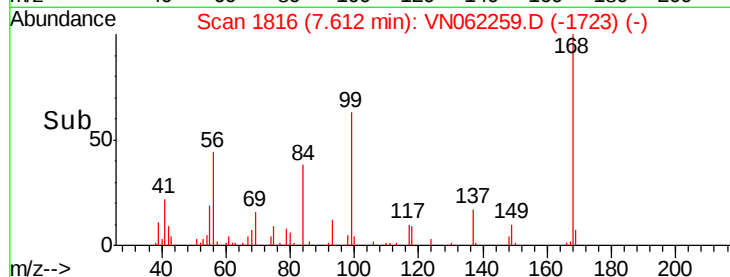
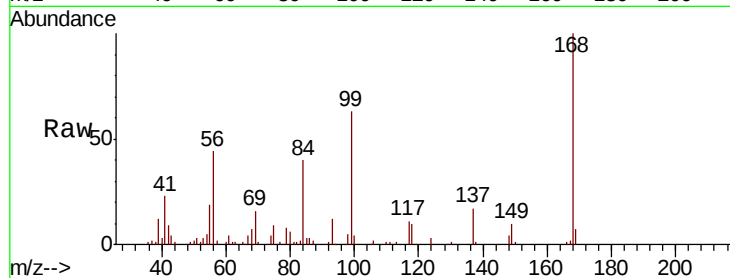
Tot Ion: 56 Resp: 72001

Ion Ratio Lower Upper

56 100

69 36.8 28.0 42.0

84 89.0 76.1 114.1



#32

1,1,1-Trichloroethane

Concen: 19.233 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

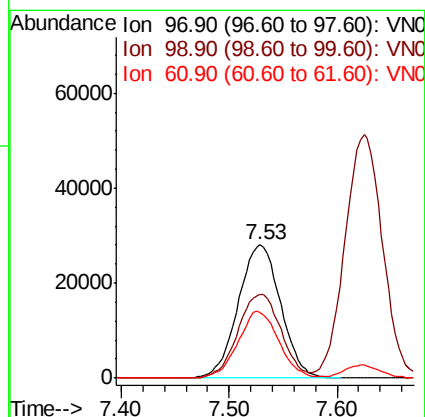
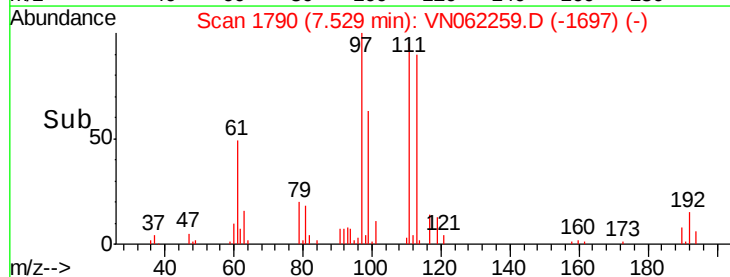
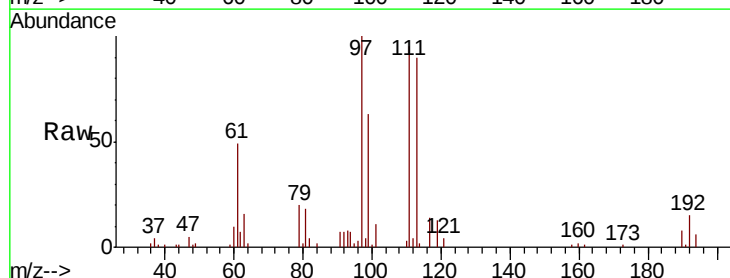
Tgt Ion: 97 Resp: 76820

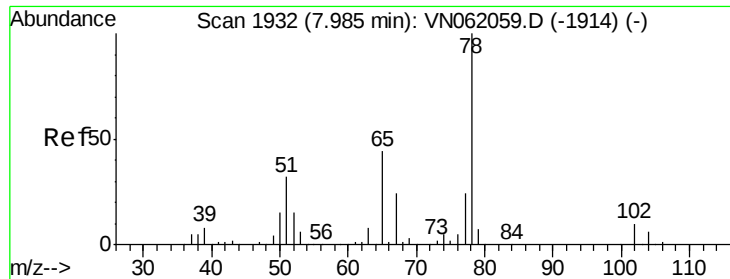
Ion Ratio Lower Upper

97 100

99 63.9 51.0 76.4

61 48.2 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 60.231 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

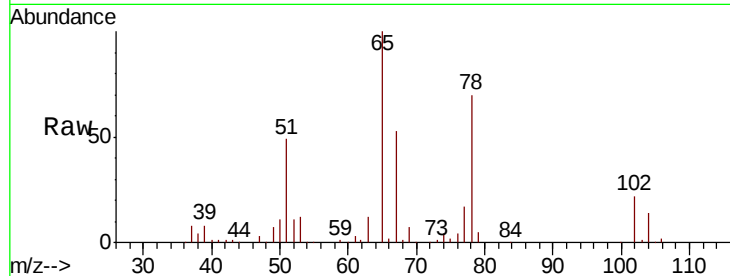
VN0630WBS02

Tot Ion: 65 Resp: 171661

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN062059.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN062059.D (-1914) (-)

7.99

80000

60000

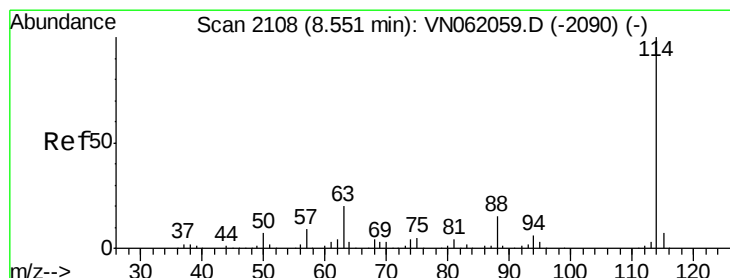
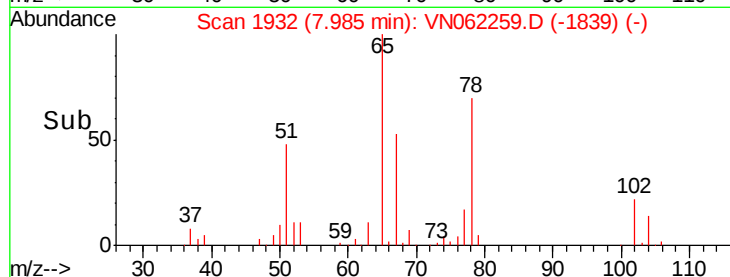
40000

20000

0

7.90 7.95 8.00 8.05

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

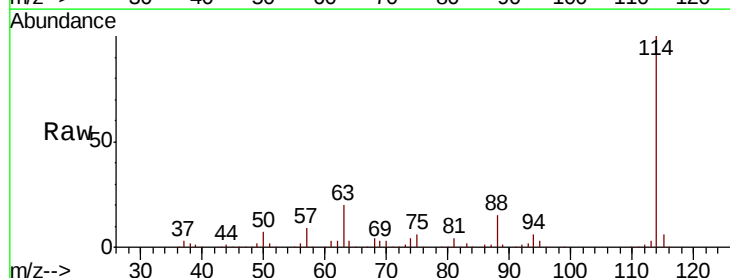
Tgt Ion: 114 Resp: 384595

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.2

88 15.3 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): VN062059.D (-2090) (-)

Ion 63.00 (62.70 to 63.70): VN062059.D (-2090) (-)

Ion 87.90 (87.60 to 88.60): VN062059.D (-2090) (-)

250000

200000

150000

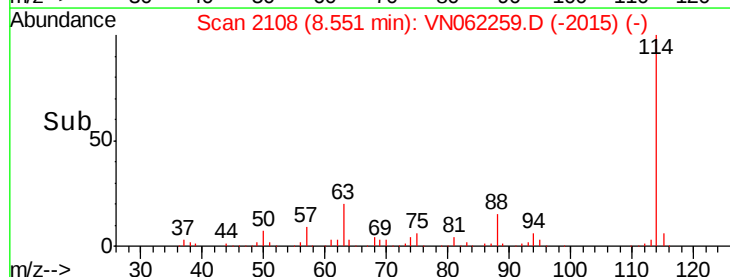
100000

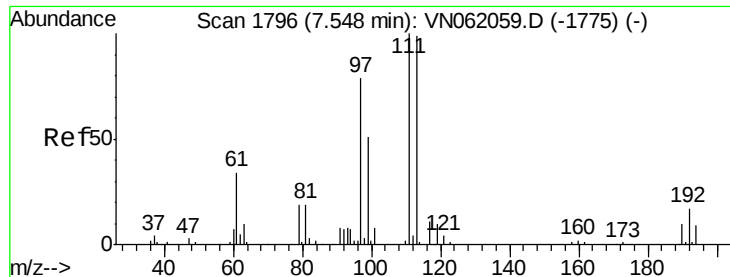
50000

0

8.50 8.55 8.60 8.70

Time-->

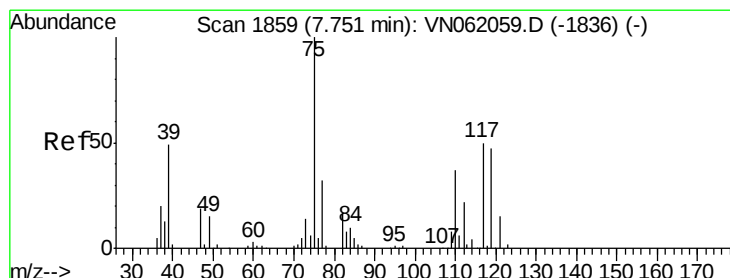
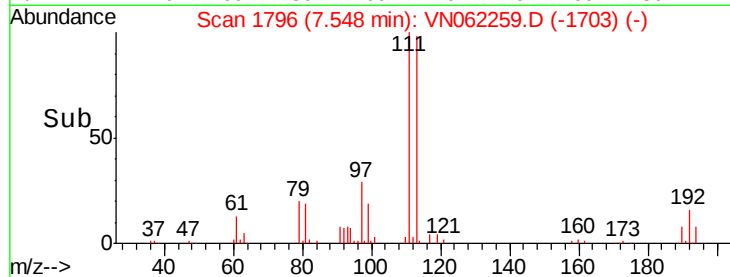
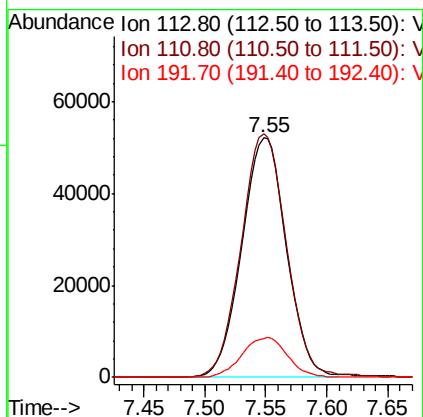
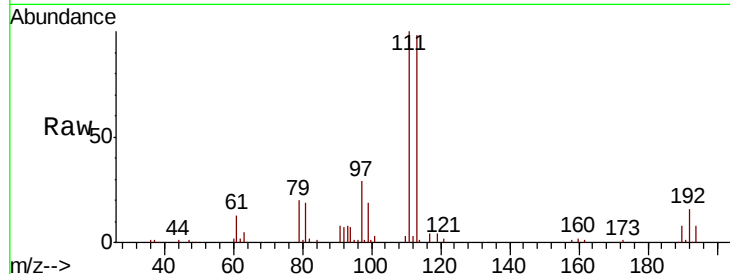




#35
 Dibromofluoromethane
 Concen: 53.451 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

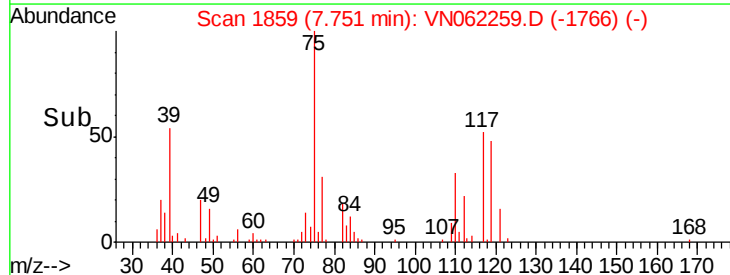
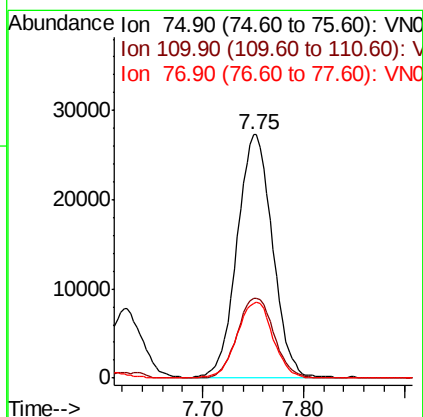
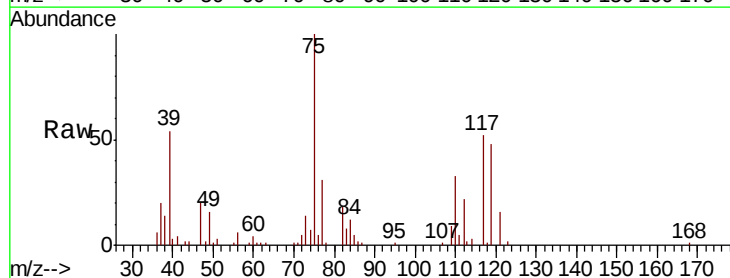
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS02

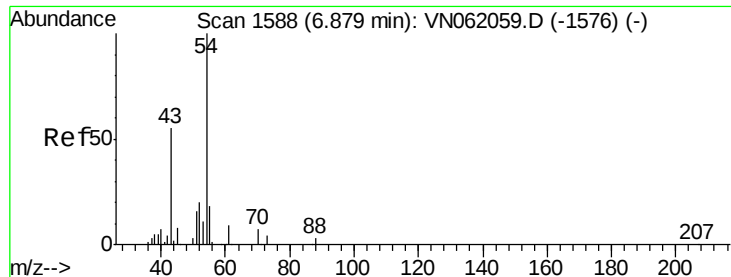
Tot Ion:113 Resp: 131884
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.2 123.4
 192 17.1 14.0 21.0



#36
 1,1-Dichloropropene
 Concen: 17.222 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Tgt Ion: 75 Resp: 66578
 Ion Ratio Lower Upper
 75 100
 110 34.0 17.9 53.8
 77 31.7 24.9 37.3

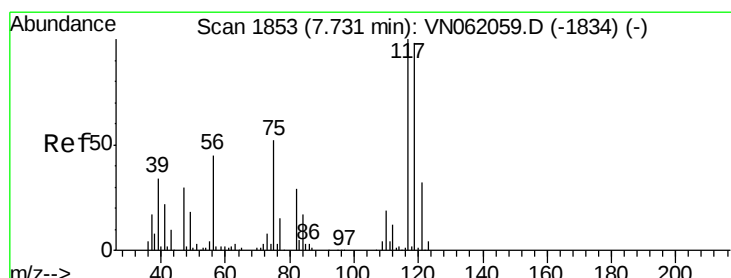
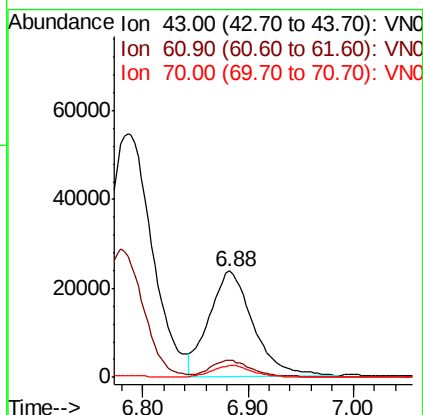
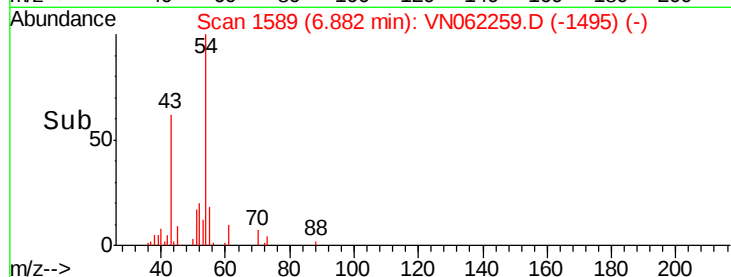
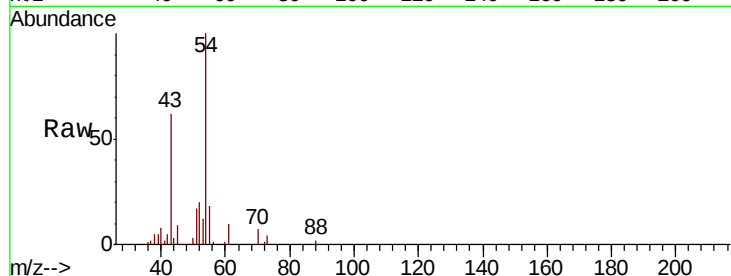




#37
Ethyl Acetate
Concen: 21.354 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

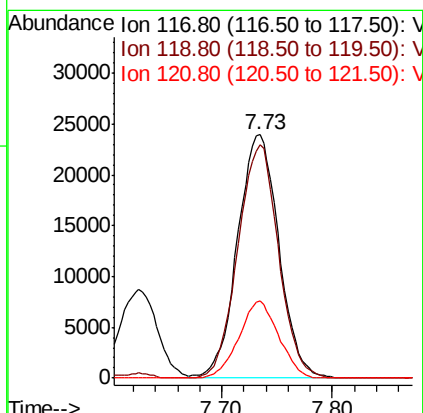
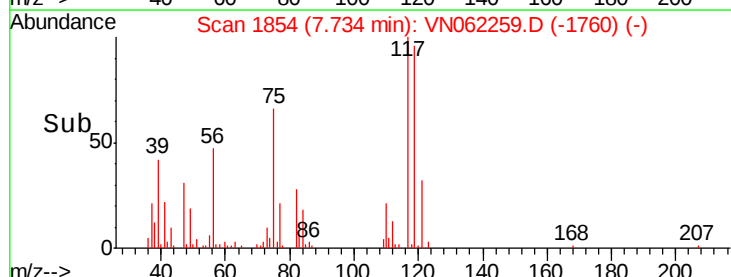
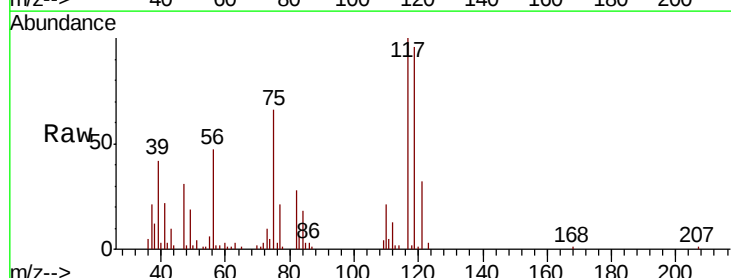
Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS02

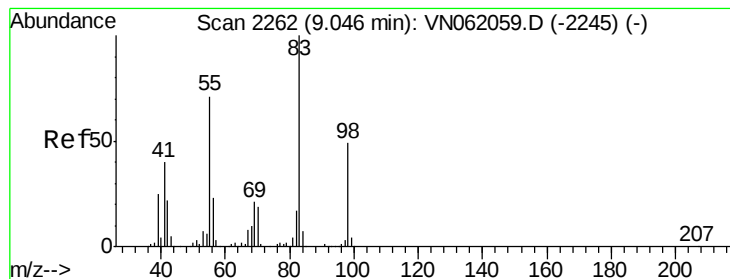
Tot Ion: 43 Resp: 68354
Ion Ratio Lower Upper
43 100
61 13.6 12.0 18.0
70 10.6 9.6 14.4



#38
Carbon Tetrachloride
Concen: 17.041 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Tgt Ion: 117 Resp: 62108
Ion Ratio Lower Upper
117 100
119 95.7 78.2 117.2
121 31.7 25.8 38.6

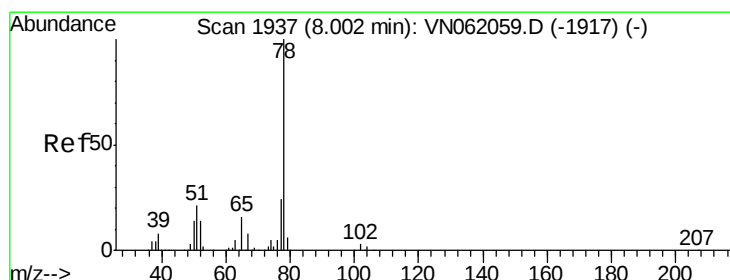
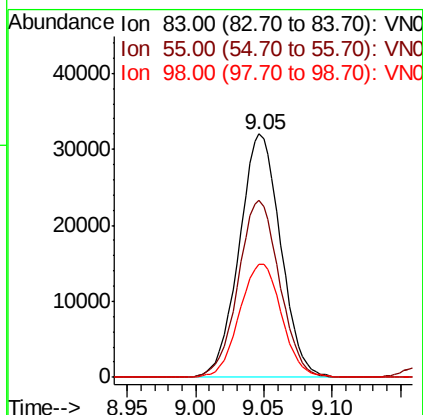
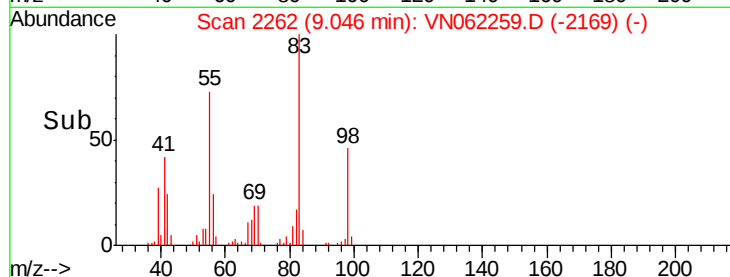
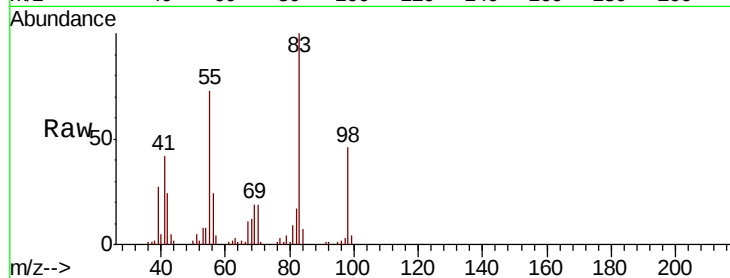




#39
Methvlcvclohexane
Concen: 15.907 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

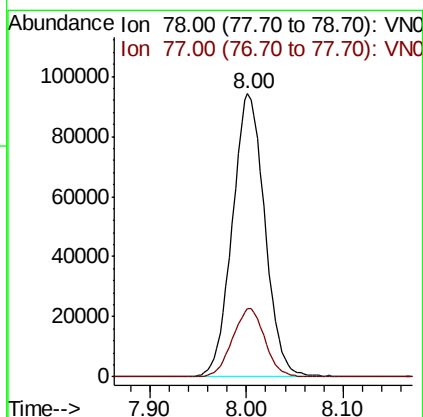
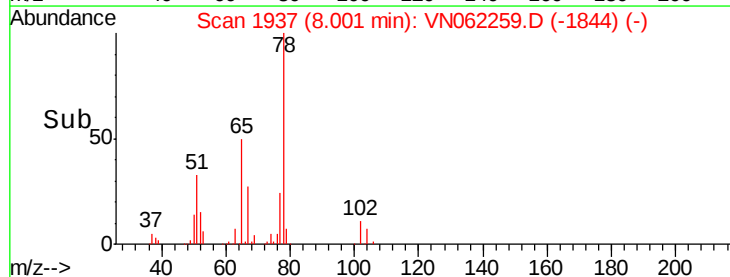
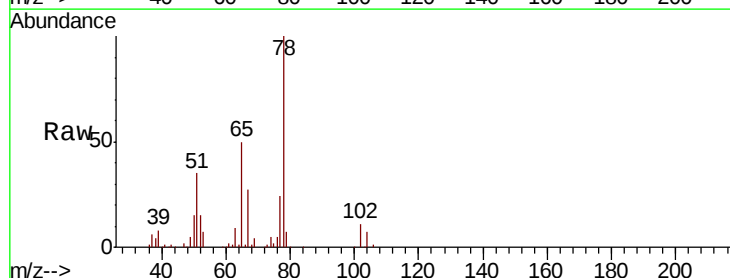
Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS02

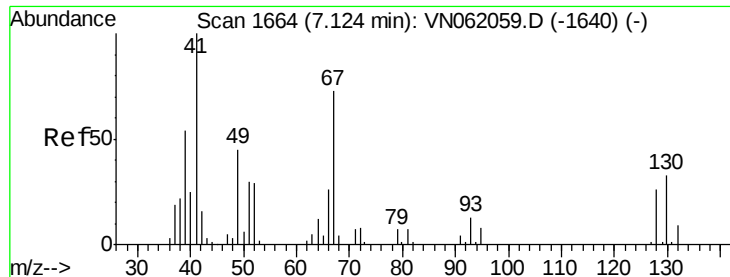
Tot Ion: 83 Resp: 67378
Ion Ratio Lower Upper
83 100
55 72.6 57.0 85.6
98 46.4 39.0 58.6



#40
Benzene
Concen: 18.683 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Tgt Ion: 78 Resp: 220134
Ion Ratio Lower Upper
78 100
77 23.9 19.5 29.3

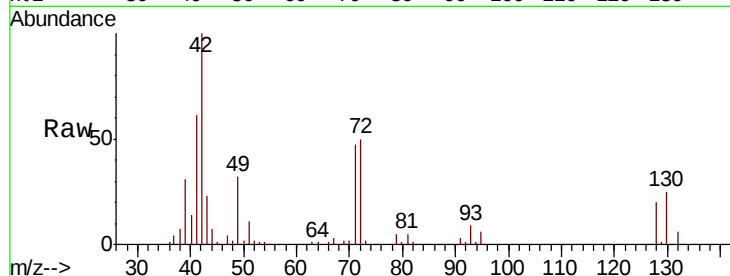




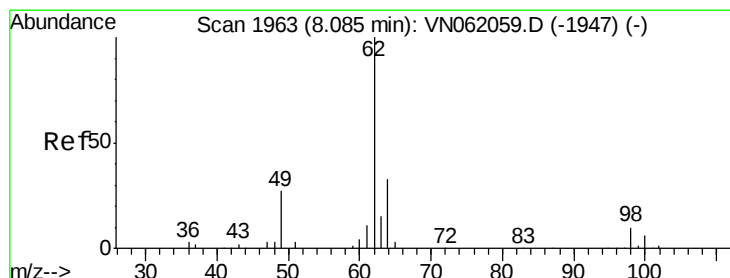
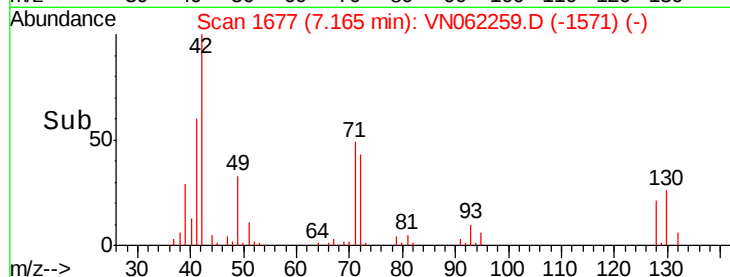
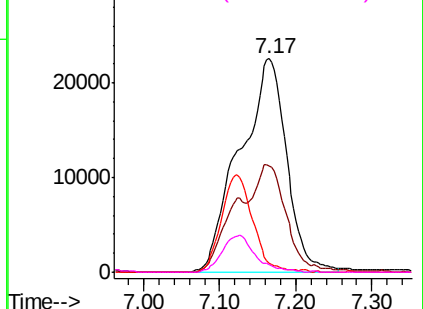
#41
Methacrylonitrile
Concen: 65.150 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Instrument :
MSVOA_N
ClientSampled :
VN0630WBS02

Tot Ion: 41 Resp: 96684
Ion Ratio Lower Upper
41 100
39 28.3 44.2 66.2#
67 0.0 79.5 119.3#
52 0.0 32.3 48.5#

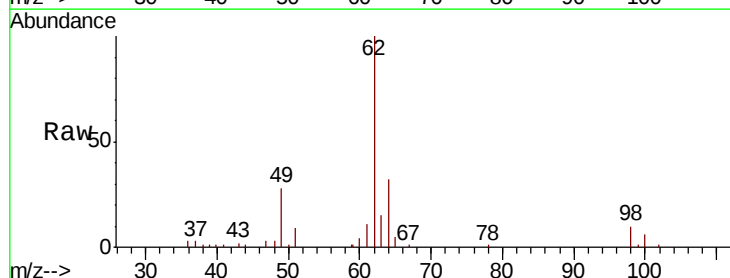


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

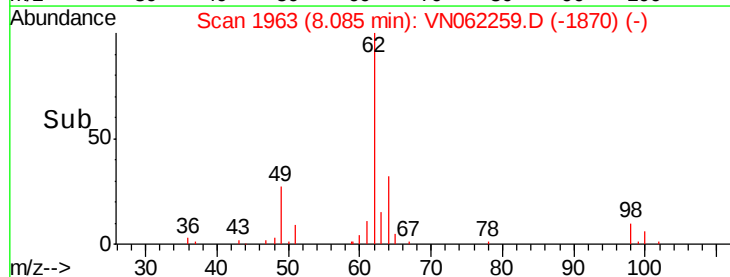
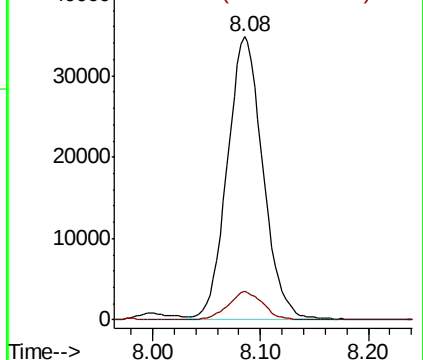


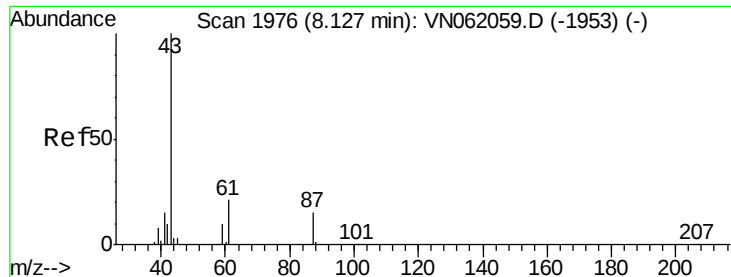
#42
1,2-Dichloroethane
Concen: 20.145 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Tgt Ion: 62 Resp: 80194
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.8



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





#43

Isopropyl Acetate

Concen: 21.038 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS02

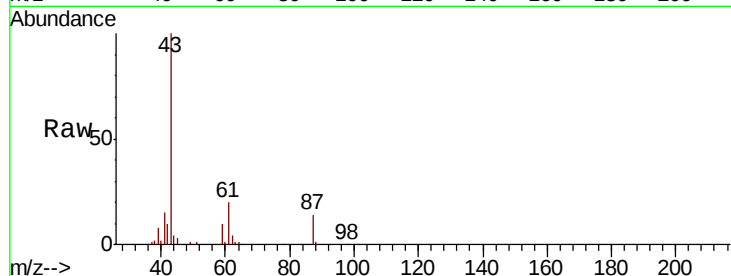
Tot Ion: 43 Resp: 109782

Ion Ratio Lower Upper

43 100

61 21.2 17.2 25.8

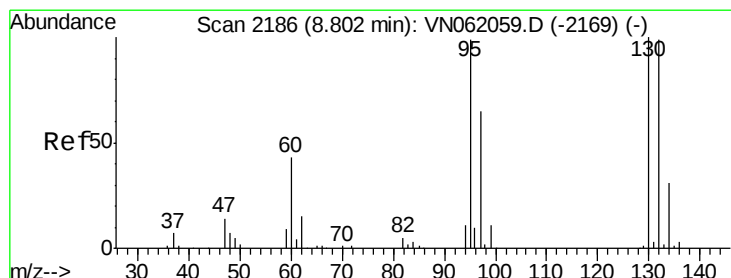
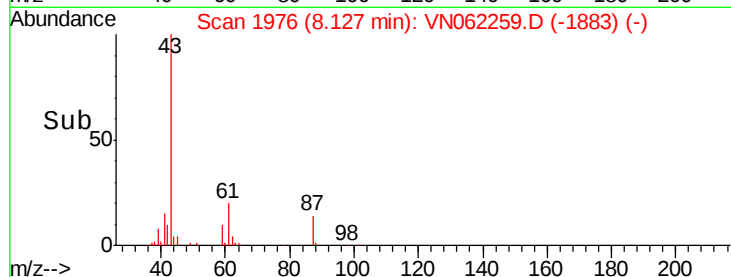
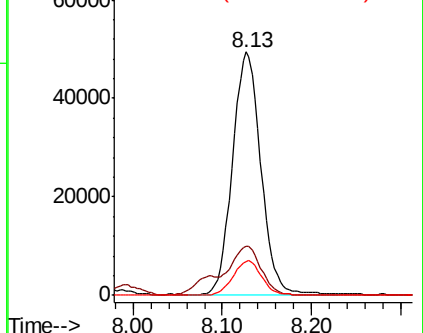
87 14.2 12.1 18.1



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: 16.740 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062259.D

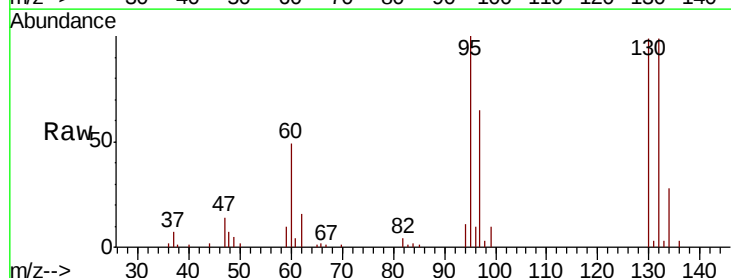
Acq: 1 Jul 2020 00:17

Tgt Ion:130 Resp: 49755

Ion Ratio Lower Upper

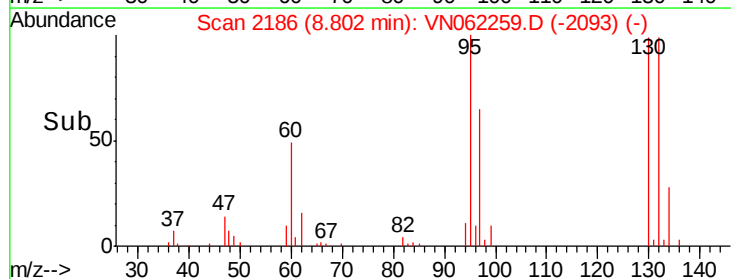
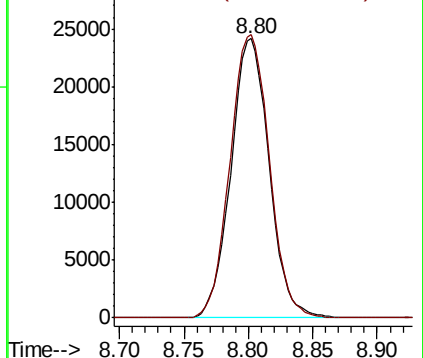
130 100

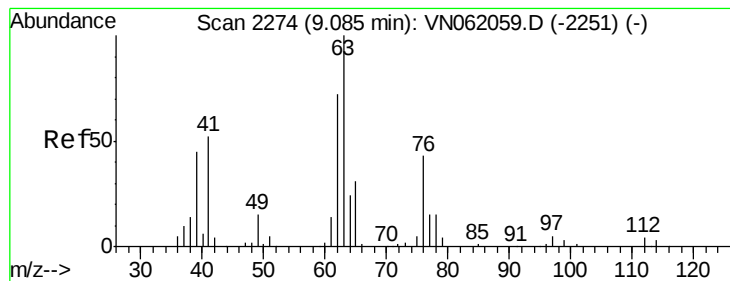
95 101.4 0.0 197.8



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: 19.994 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

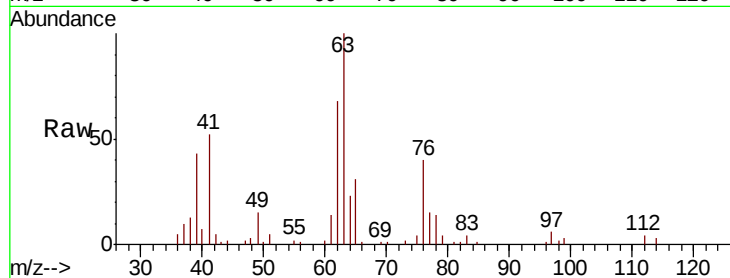
VN0630WBS02

Tot Ion: 63 Resp: 58119

Ion Ratio Lower Upper

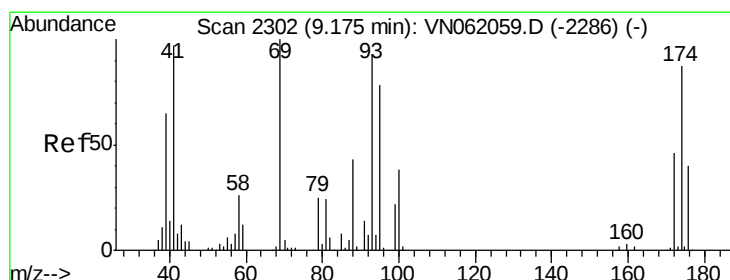
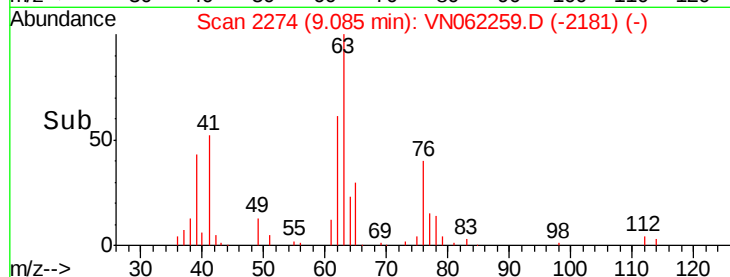
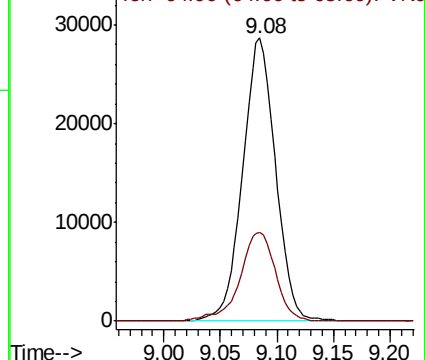
63 100

65 31.4 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN062259.D (-2181) (-)

Ion 64.90 (64.60 to 65.60): VN062259.D (-2181) (-)



#46

Dibromomethane

Concen: 19.337 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

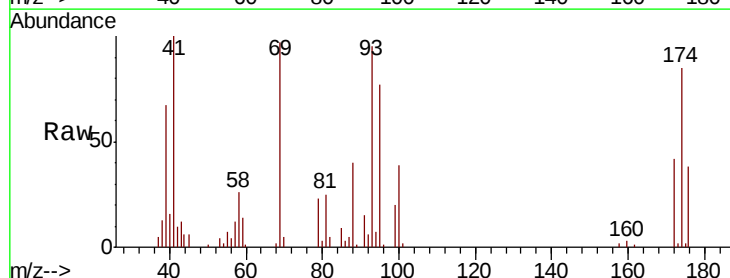
Tgt Ion: 93 Resp: 38110

Ion Ratio Lower Upper

93 100

95 82.5 67.0 100.6

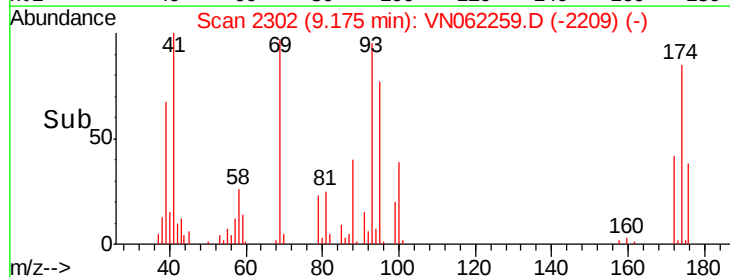
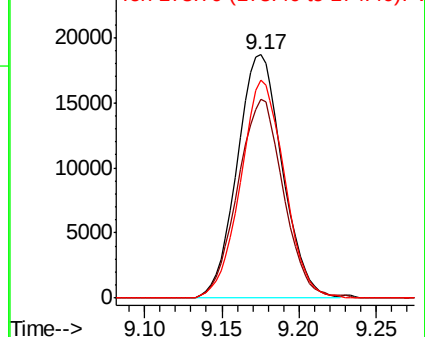
174 86.7 74.4 111.6

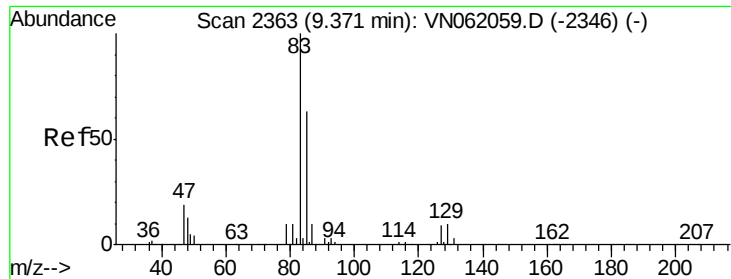


Abundance Ion 92.80 (92.50 to 93.50): VN062259.D (-2209) (-)

Ion 94.80 (94.50 to 95.50): VN062259.D (-2209) (-)

Ion 173.70 (173.40 to 174.40): VN062259.D (-2209) (-)





#47

Bromodichloromethane

Concen: 19.477 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS02

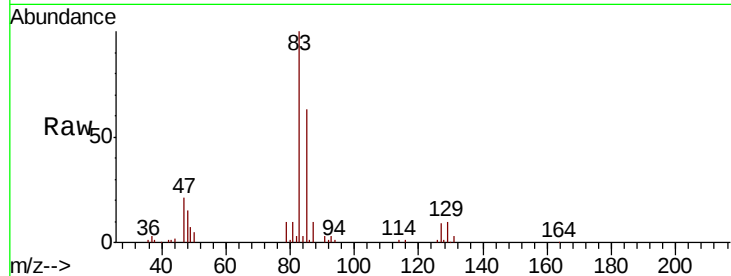
Tot Ion: 83 Resp: 77506

Ion Ratio Lower Upper

83 100

85 63.1 50.3 75.5

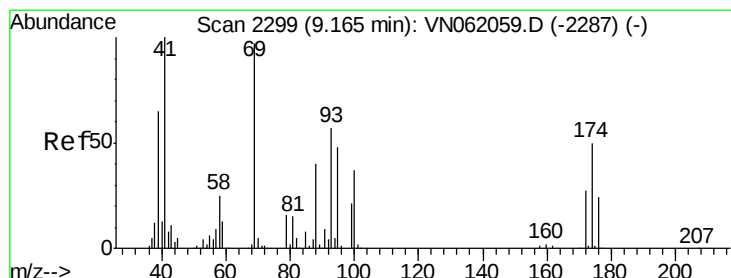
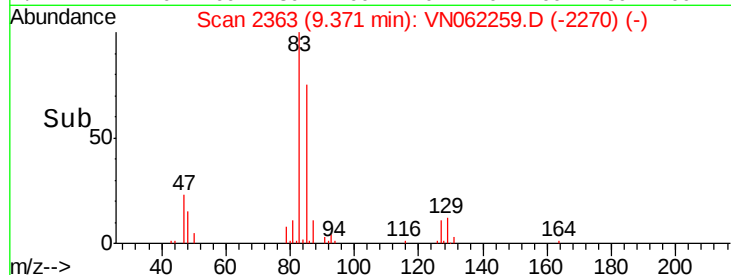
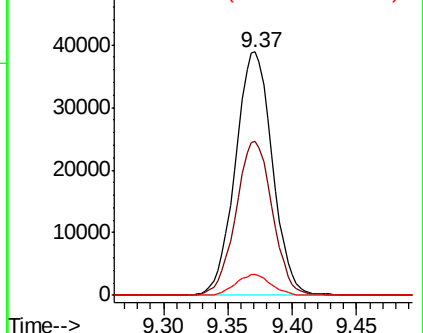
127 8.8 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062259.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062259.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062259.D (-2270) (-)



#48

Methyl methacrylate

Concen: 20.910 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

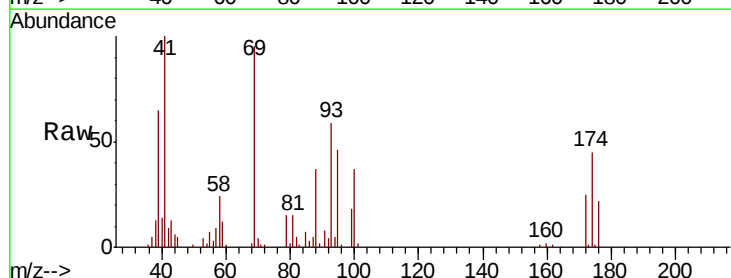
Tgt Ion: 41 Resp: 48924

Ion Ratio Lower Upper

41 100

69 94.6 80.7 121.1

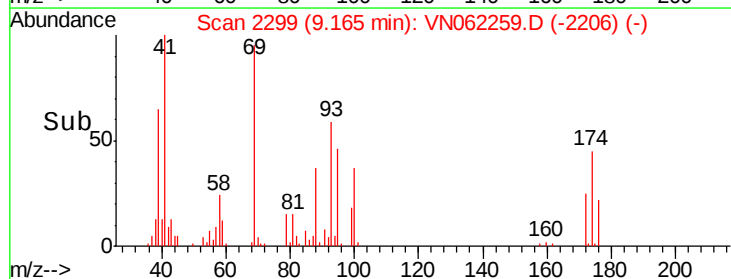
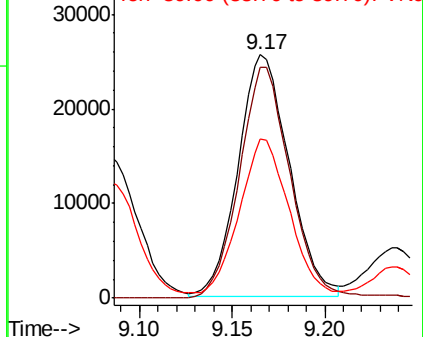
39 64.7 54.5 81.7

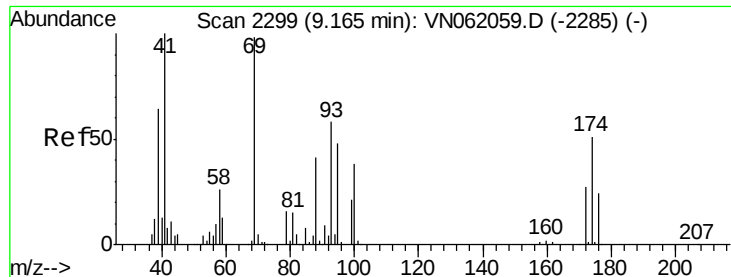


Abundance Ion 41.00 (40.70 to 41.70): VN062259.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062259.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062259.D (-2206) (-)





#49

1,4-Dioxane

Concen: 395.906 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS02

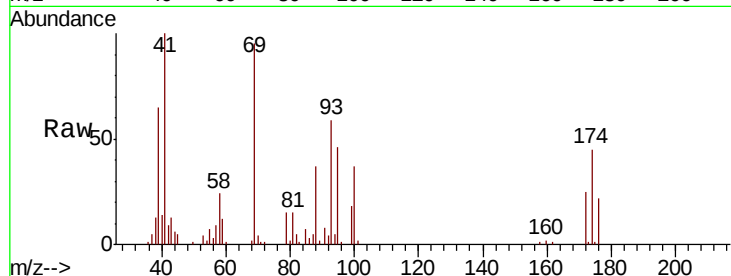
Tot Ion: 88 Resp: 20542

Ion Ratio Lower Upper

88 100

43 33.1 22.0 33.0#

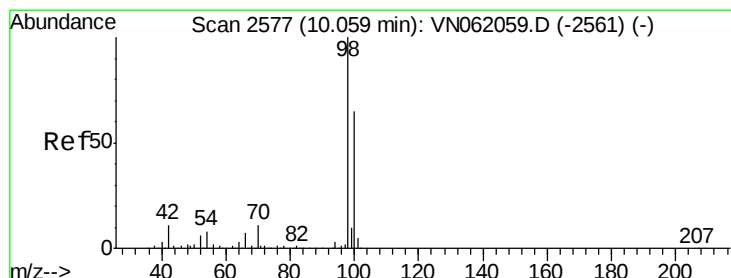
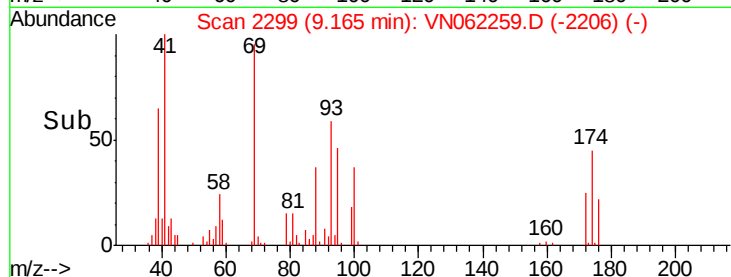
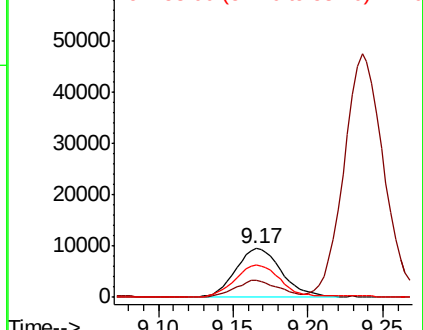
58 65.1 49.2 73.8



Abundance Ion 88.00 (87.70 to 88.70): VN062059.D (-2285) (-)

Ion 43.00 (42.70 to 43.70): VN062059.D (-2285) (-)

Ion 58.00 (57.70 to 58.70): VN062059.D (-2285) (-)



#50

Toluene-d8

Concen: 51.221 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062259.D

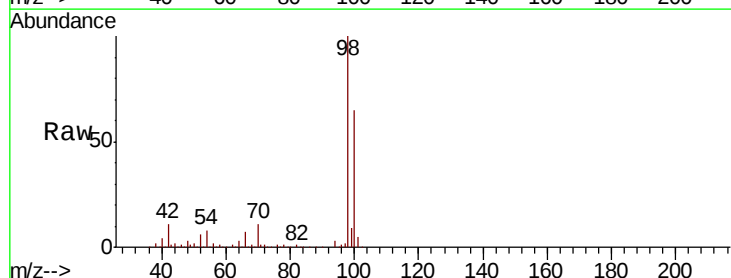
Acq: 1 Jul 2020 00:17

Tgt Ion: 98 Resp: 505187

Ion Ratio Lower Upper

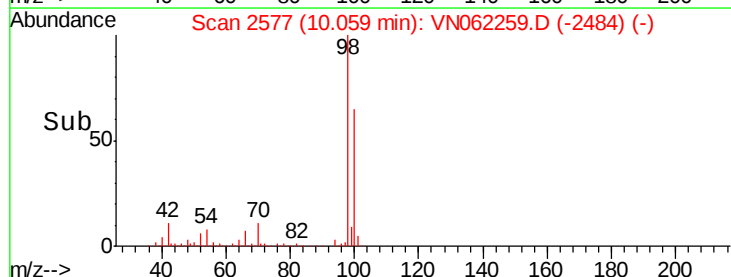
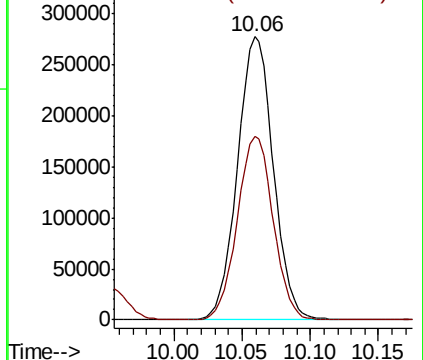
98 100

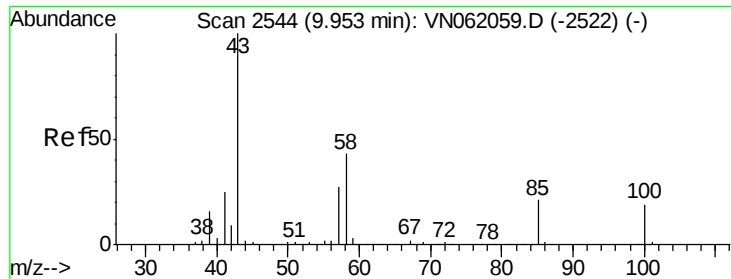
100 65.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062059.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN062059.D (-2561) (-)

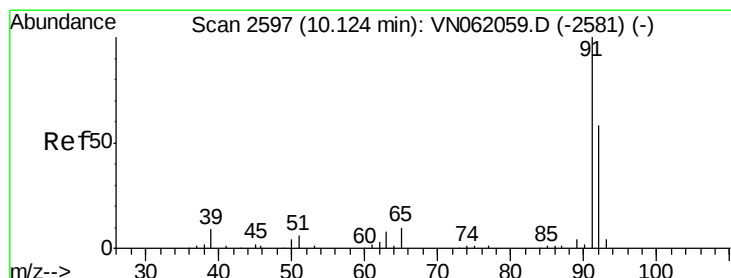
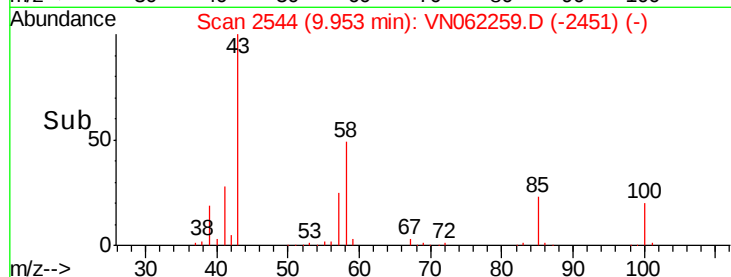
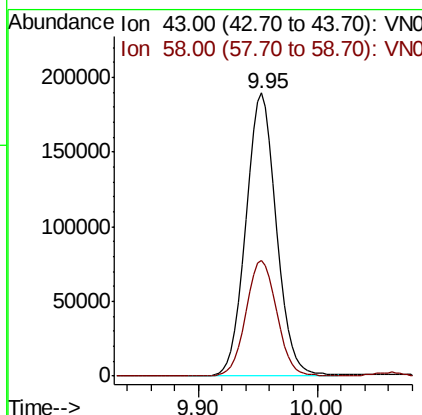
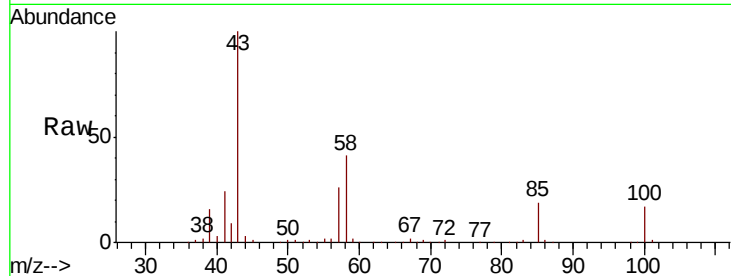




#51
4-Methyl-2-Pentanone
Concen: 110.276 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

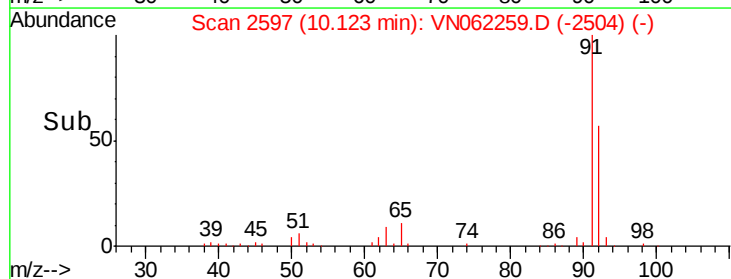
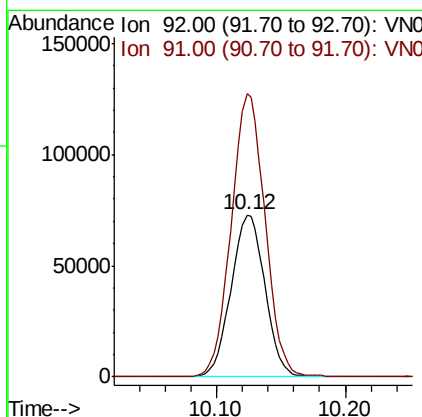
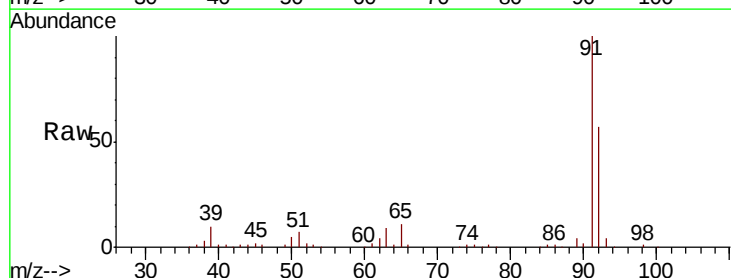
Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS02

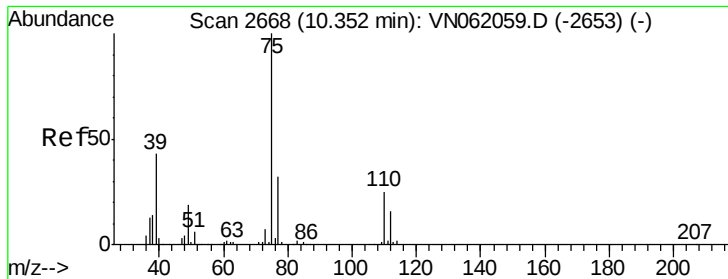
Tot Ion: 43 Resp: 336209
Ion Ratio Lower Upper
43 100
58 41.2 34.2 51.2



#52
Toluene
Concen: 18.475 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Tgt Ion: 92 Resp: 132822
Ion Ratio Lower Upper
92 100
91 174.8 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 18.816 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampled :

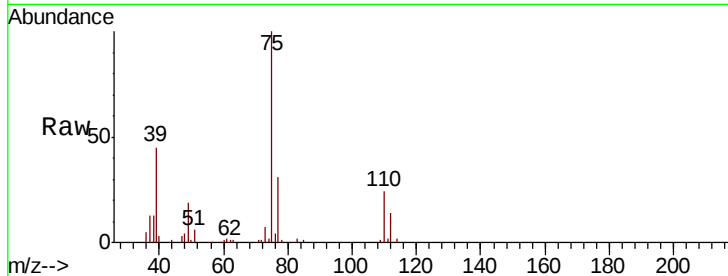
VN0630WBS02

Tot Ion: 75 Resp: 82380

Ion Ratio Lower Upper

75 100

77 30.7 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.35

50000

40000

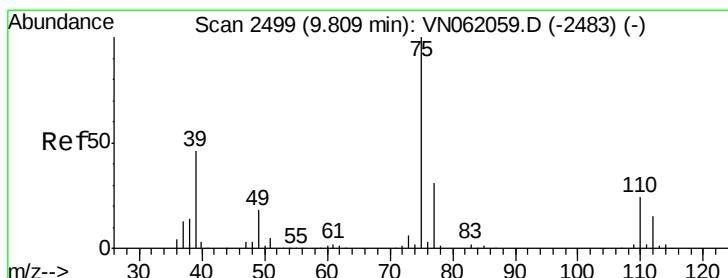
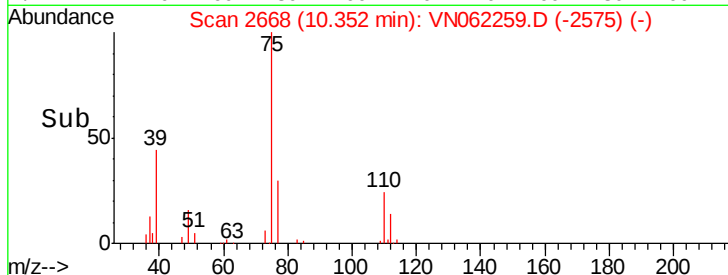
30000

20000

10000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.751 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

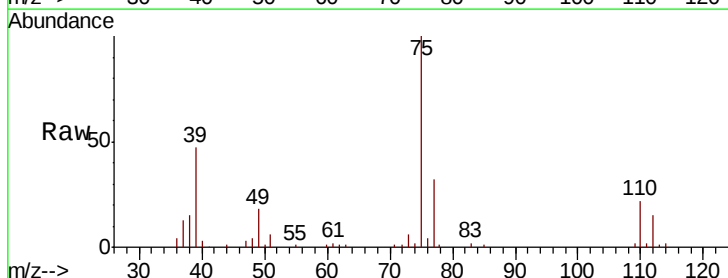
Tgt Ion: 75 Resp: 87402

Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.6

39 46.9 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.81

60000

50000

40000

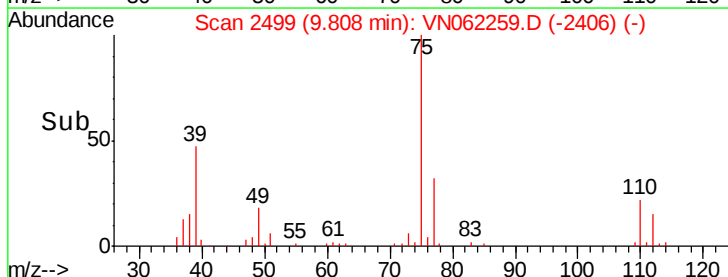
30000

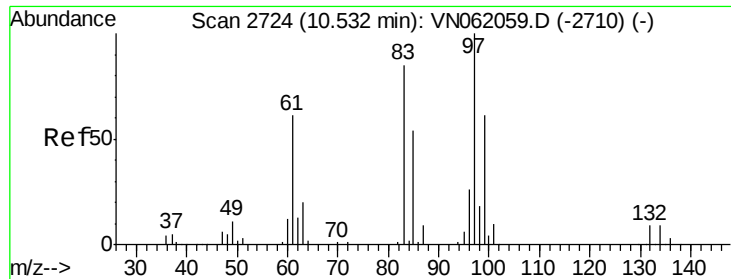
20000

10000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 19.855 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS02

Tot Ion: 97 Resp: 56111

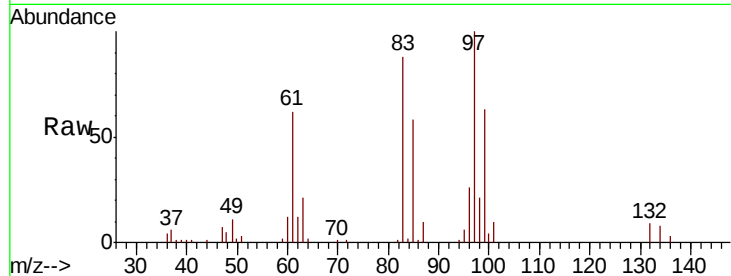
Ion Ratio Lower Upper

97 100

83 87.5 68.2 102.2

85 58.0 43.2 64.8

99 63.5 48.5 72.7



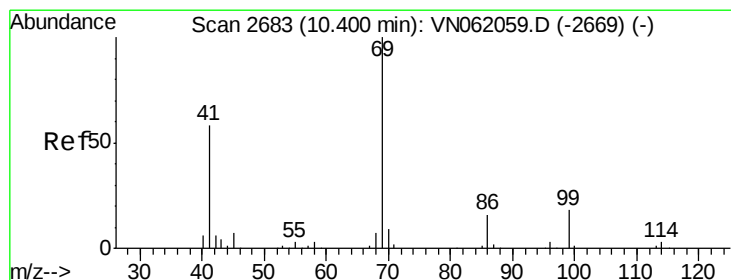
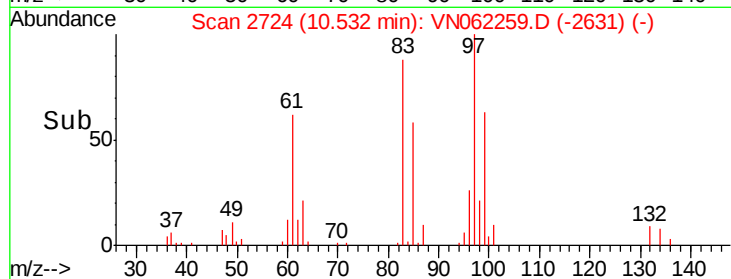
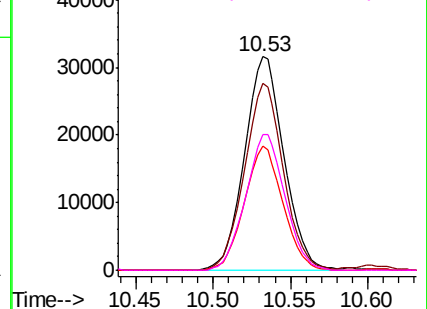
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 19.491 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

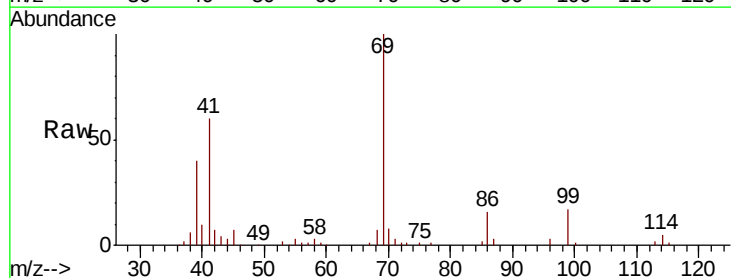
Tgt Ion: 69 Resp: 73508

Ion Ratio Lower Upper

69 100

41 62.6 46.6 70.0

39 39.0 31.0 46.4

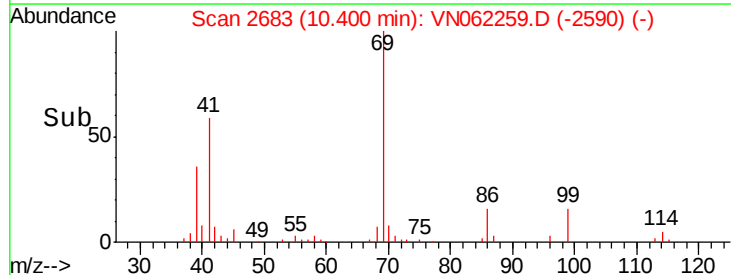
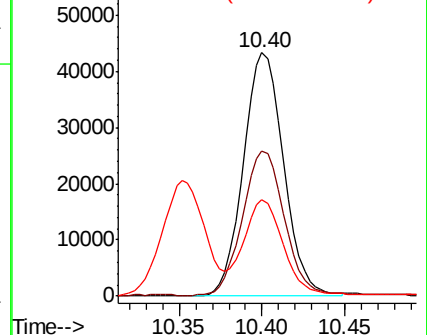


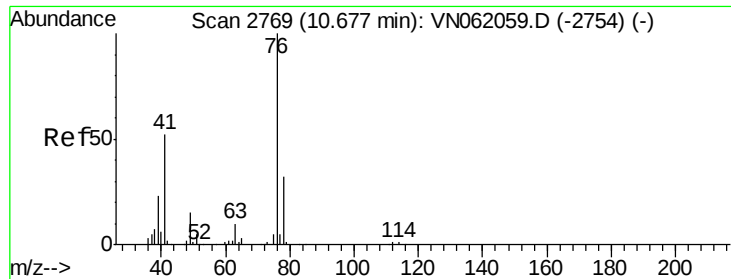
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

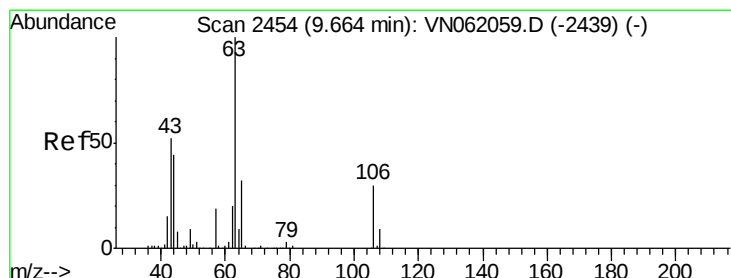
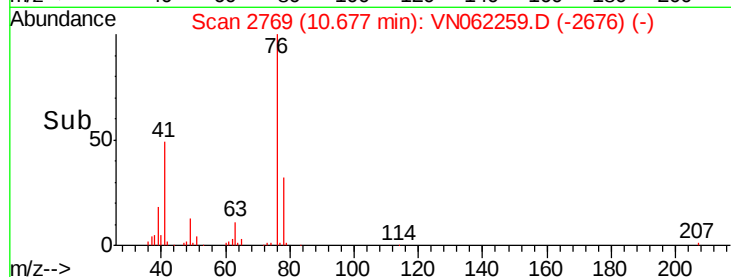
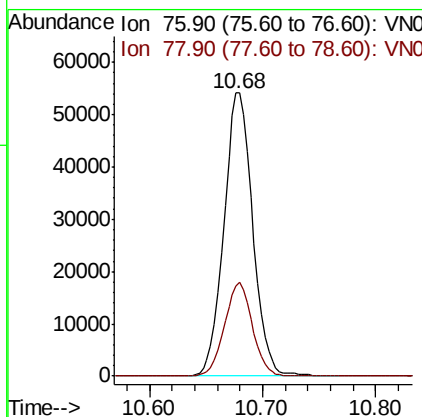
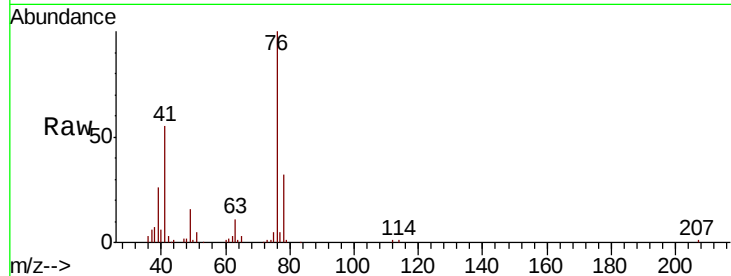




#57
 1,3-Dichloropropane
 Concen: 19.706 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

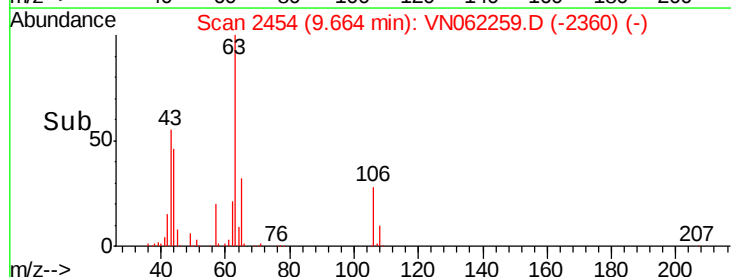
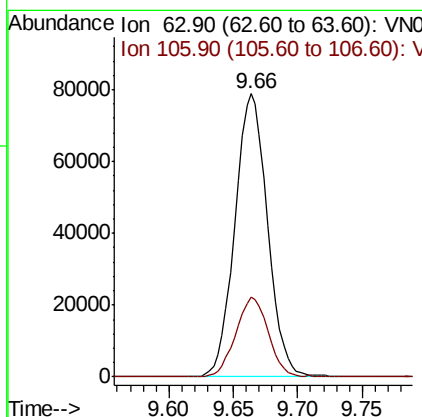
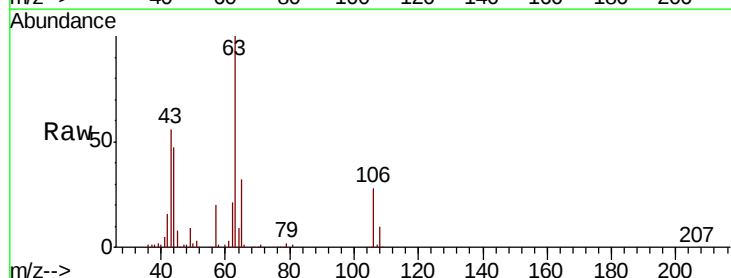
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS02

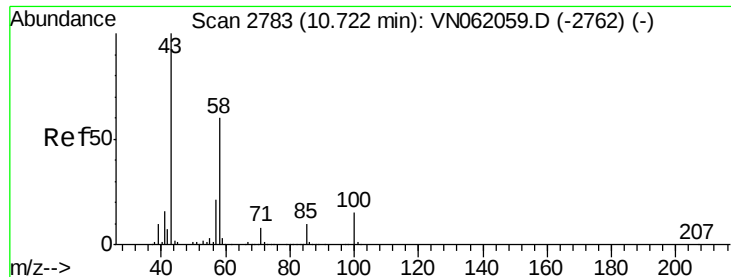
Tot Ion: 76 Resp: 95857
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.842 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Tgt Ion: 63 Resp: 138569
 Ion Ratio Lower Upper
 63 100
 106 28.0 23.2 34.8

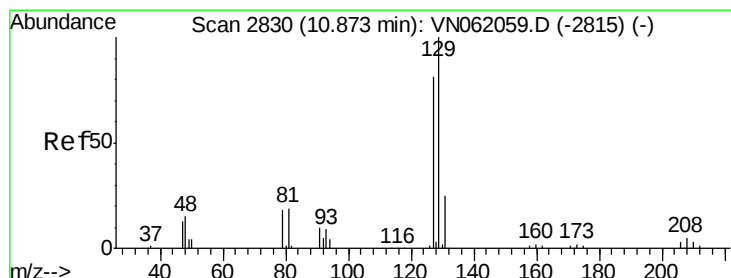
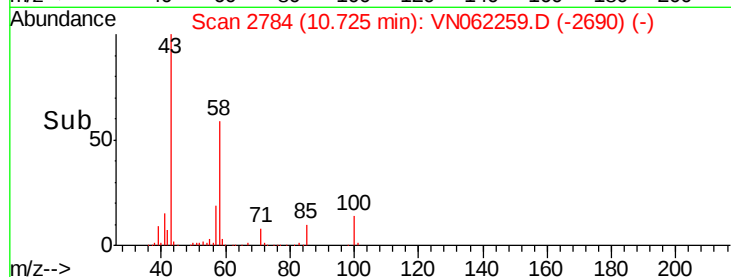
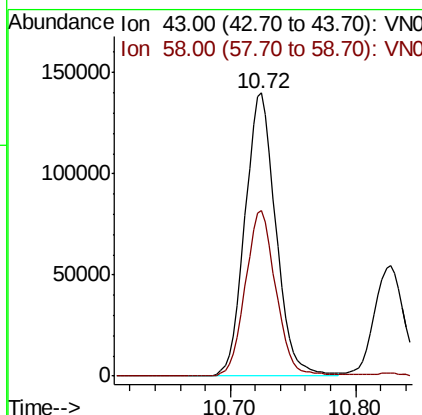
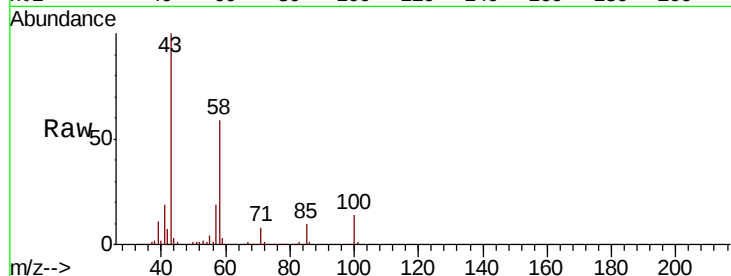




#59
2-Hexanone
Concen: 109.269 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

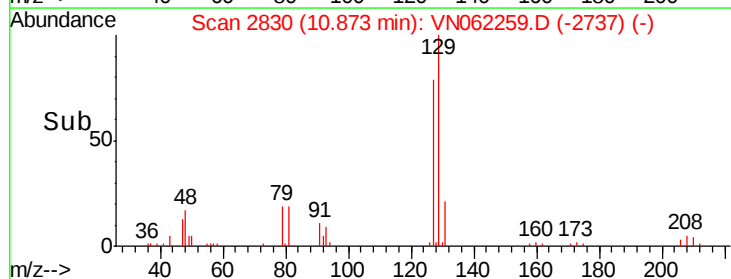
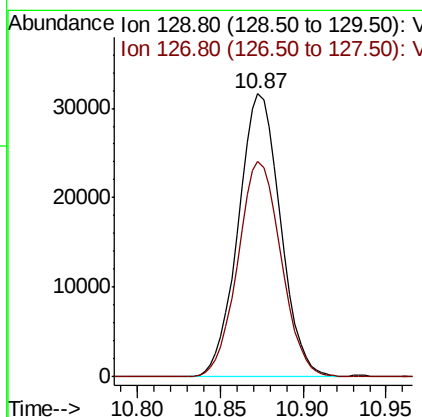
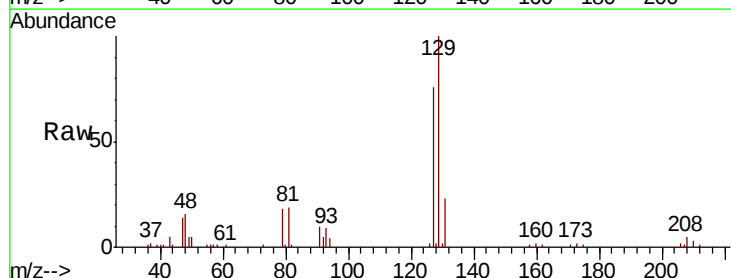
Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS02

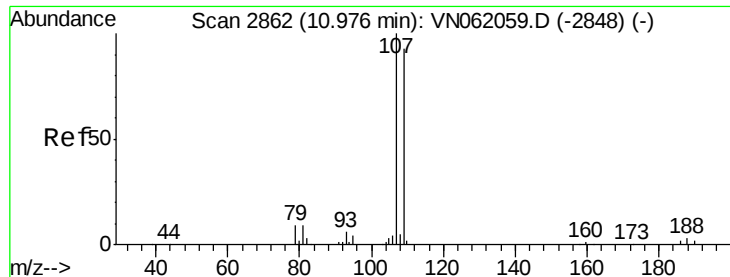
Tot Ion: 43 Resp: 240559
Ion Ratio Lower Upper
43 100
58 58.0 29.5 88.5



#60
Dibromochloromethane
Concen: 18.756 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Tgt Ion: 129 Resp: 56117
Ion Ratio Lower Upper
129 100
127 78.0 39.5 118.5

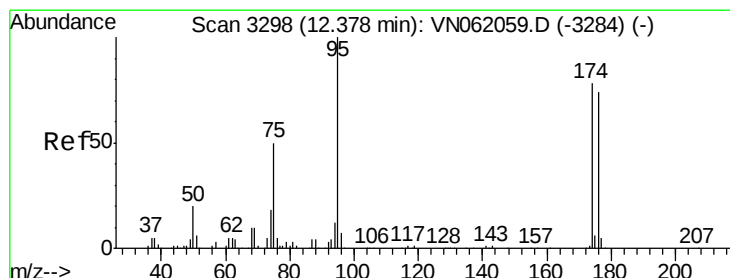
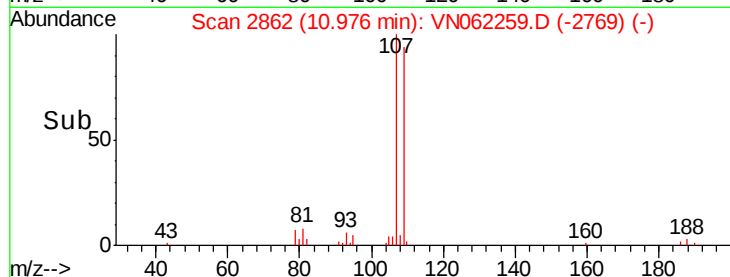
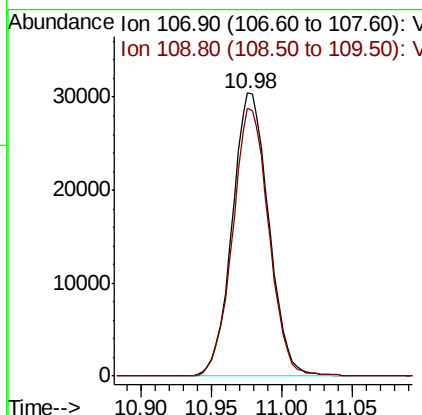
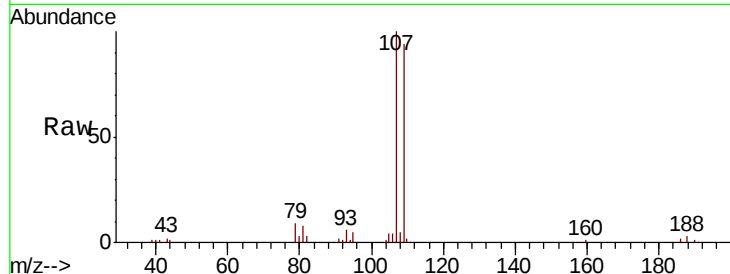




#61
 1,2-Dibromoethane
 Concen: 19.005 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

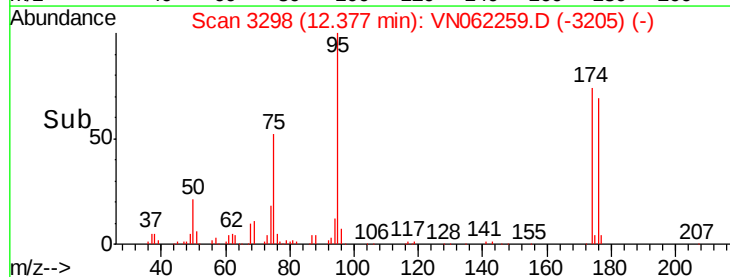
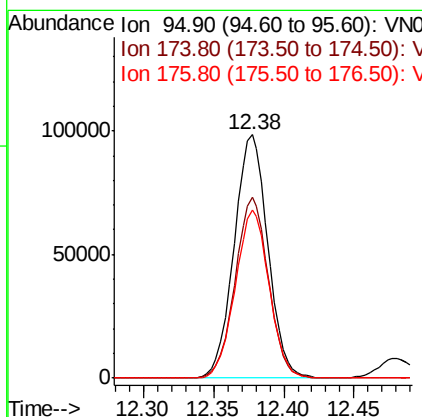
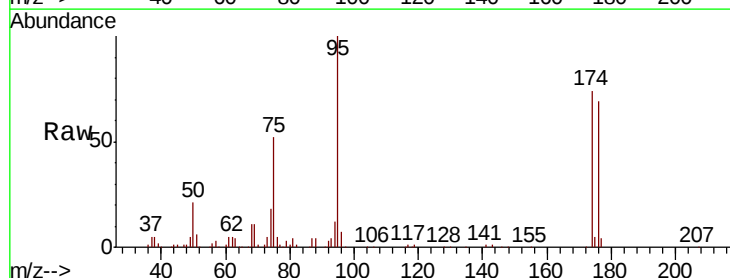
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS02

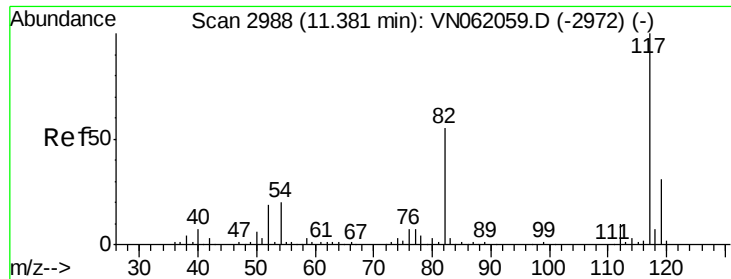
Tot Ion:107 Resp: 55185
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 49.616 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Tgt Ion: 95 Resp: 165333
 Ion Ratio Lower Upper
 95 100
 174 73.2 0.0 154.8
 176 69.1 0.0 147.4

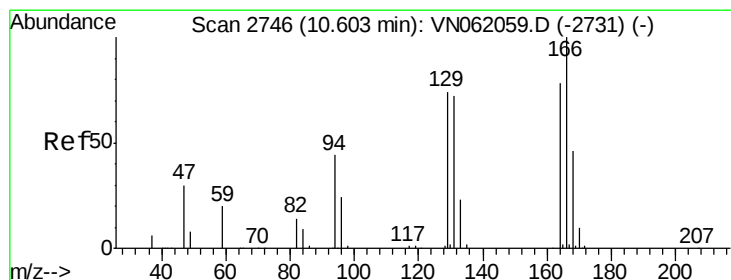
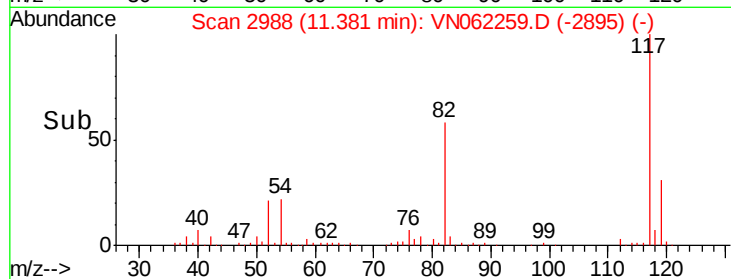
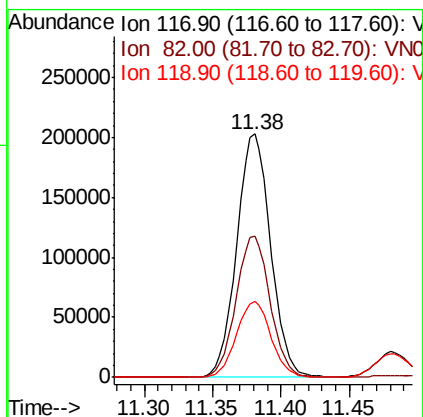
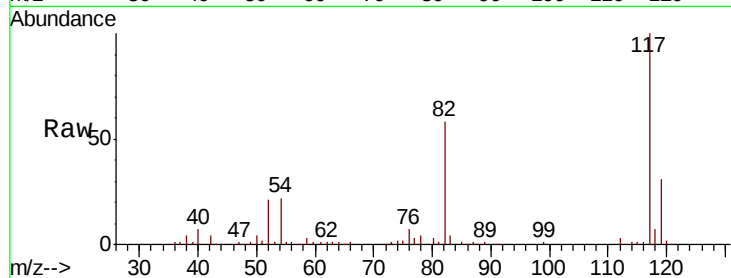




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

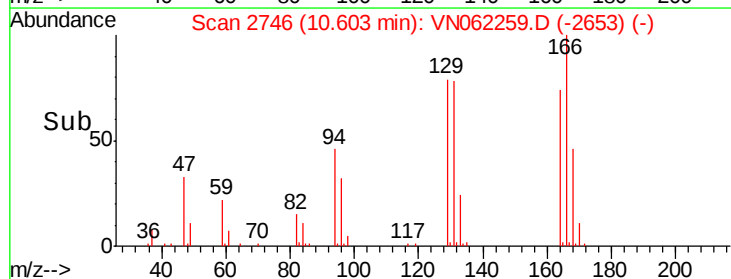
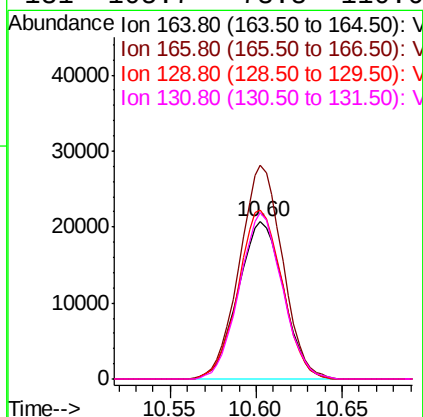
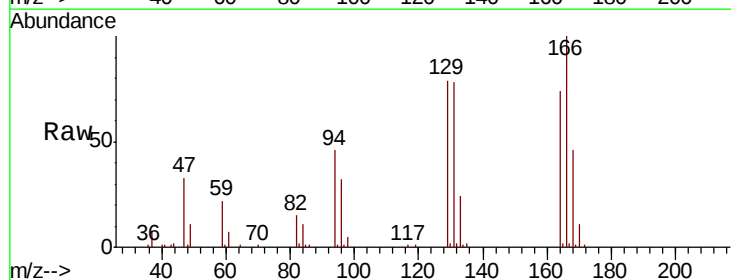
Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS02

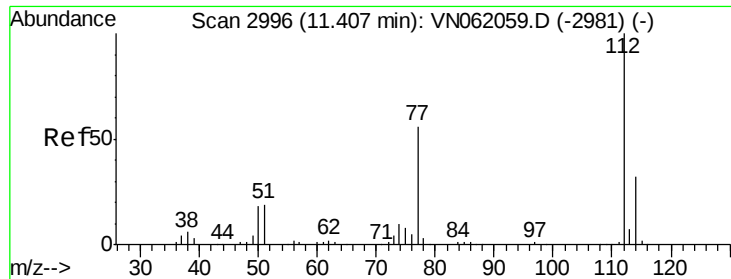
Tot Ion:117 Resp: 350370
Ion Ratio Lower Upper
117 100
82 58.0 43.8 65.8
119 31.2 25.2 37.8



#64
Tetrachloroethene
Concen: 15.869 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Tgt Ion:164 Resp: 37980
Ion Ratio Lower Upper
164 100
166 135.8 102.9 154.3
129 107.4 75.8 113.8
131 105.7 73.8 110.6

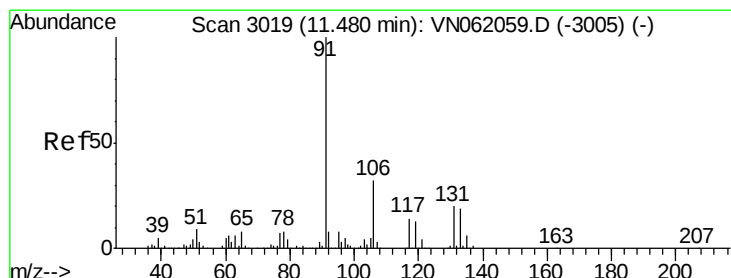
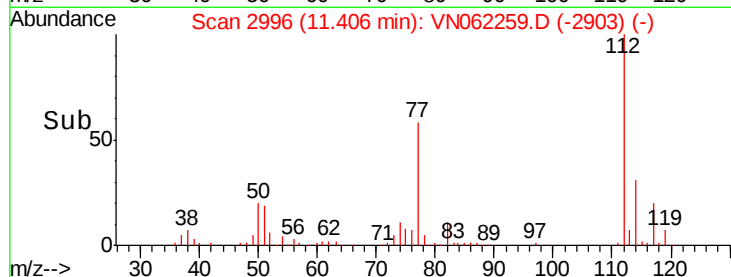
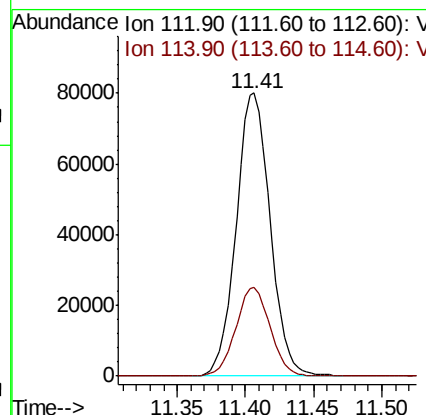
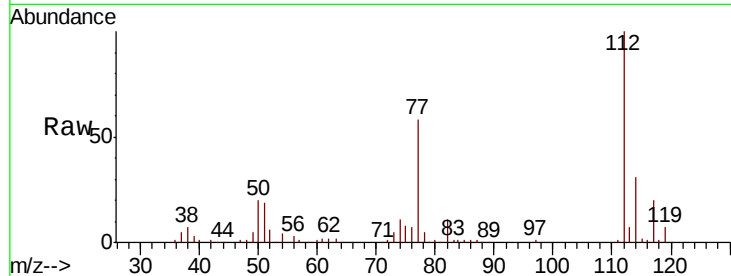




#65
Chlorobenzene
Concen: 17.967 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

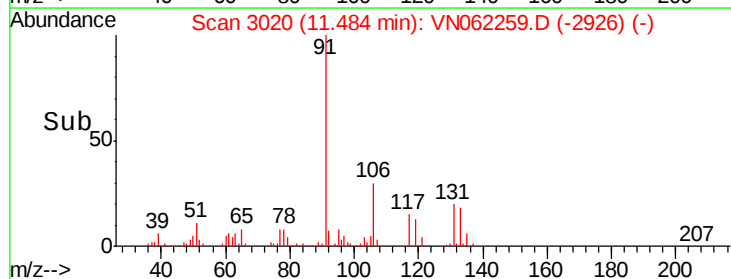
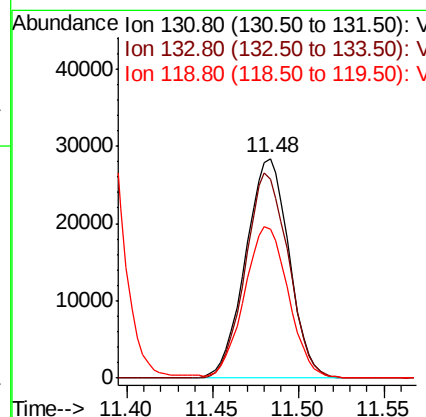
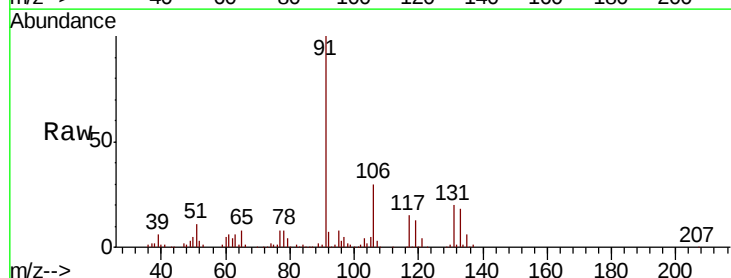
Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS02

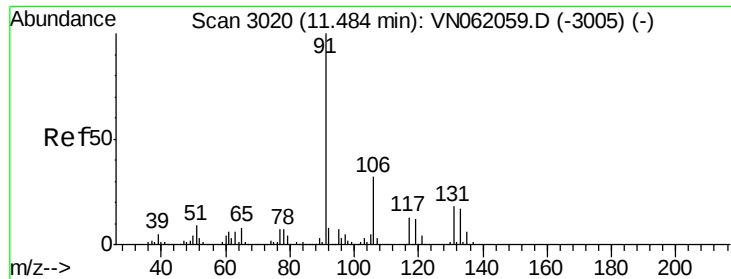
Tot Ion:112 Resp: 138243
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.697 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Tgt Ion:131 Resp: 49746
Ion Ratio Lower Upper
131 100
133 92.7 47.6 142.9
119 70.0 34.4 103.3

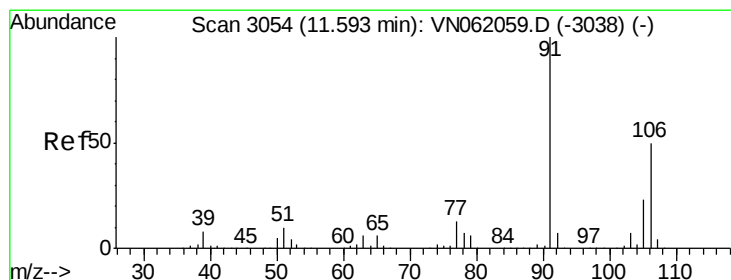
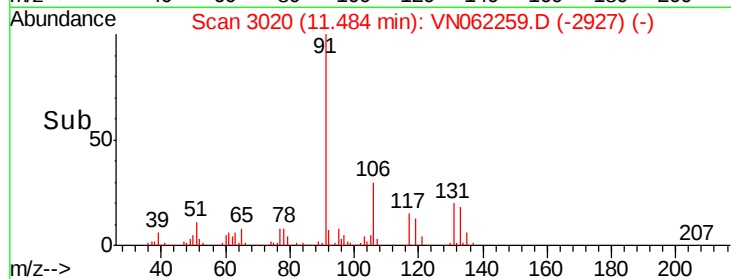
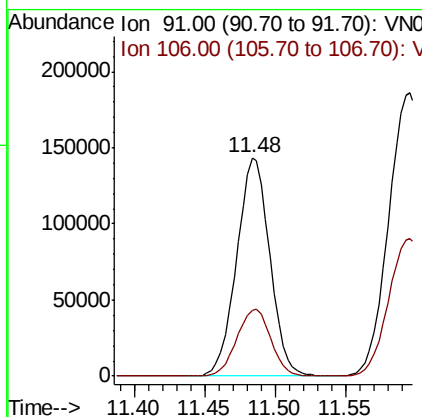
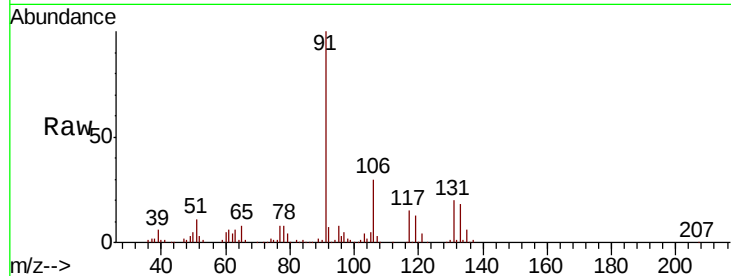




#67
Ethyl Benzene
Concen: 18.189 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

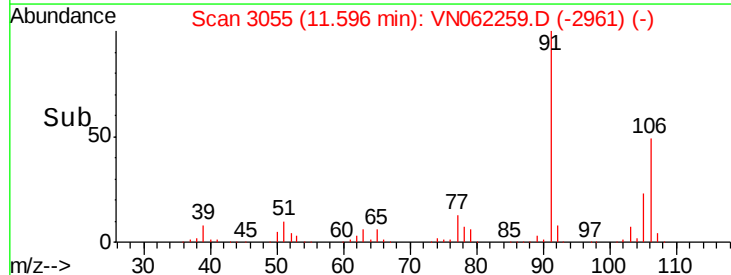
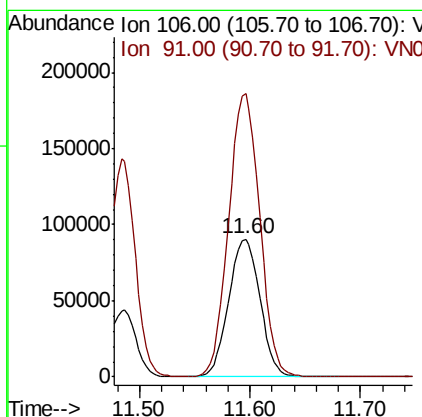
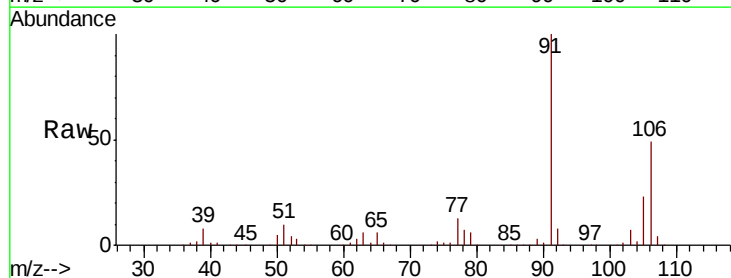
Instrument :
MSVOA_N
ClientSampled :
VN0630WBS02

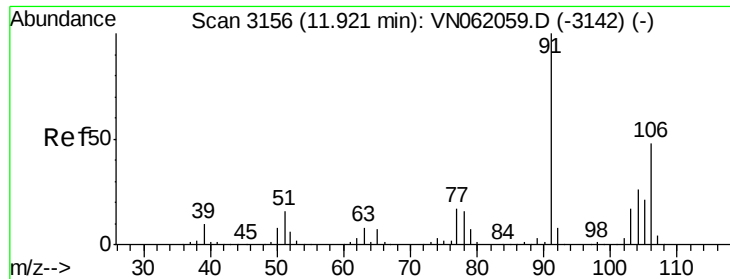
Tot Ion: 91 Resp: 236355
Ion Ratio Lower Upper
91 100
106 30.2 25.3 37.9



#68
m/p-Xylenes
Concen: 35.642 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Tgt Ion: 106 Resp: 179138
Ion Ratio Lower Upper
106 100
91 203.1 157.8 236.8

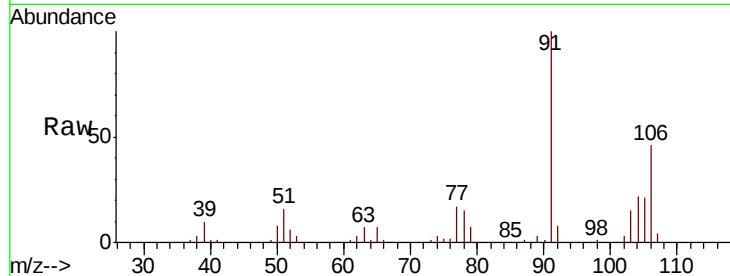




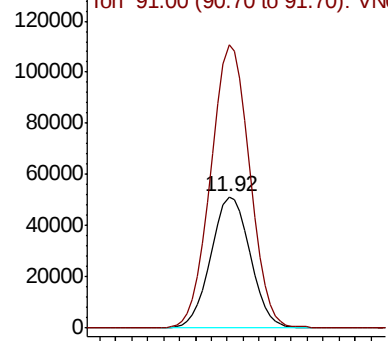
#69
o-Xylene
Concen: 18.147 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS02

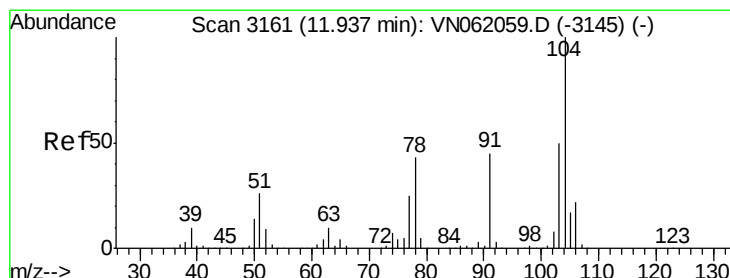
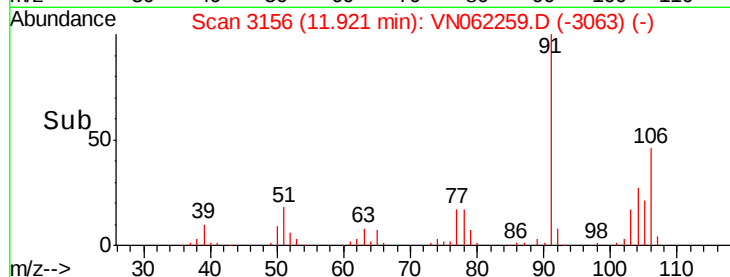
Tot Ion:106 Resp: 86055
Ion Ratio Lower Upper
106 100
91 213.8 104.0 311.9



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

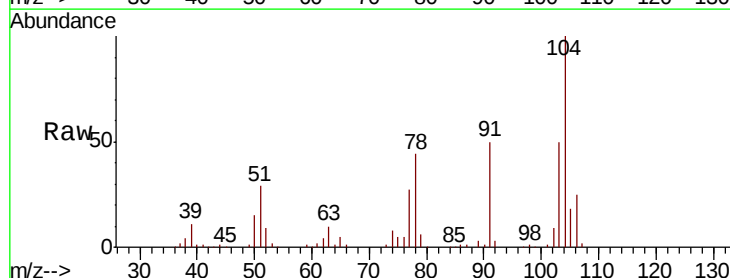


Time-->

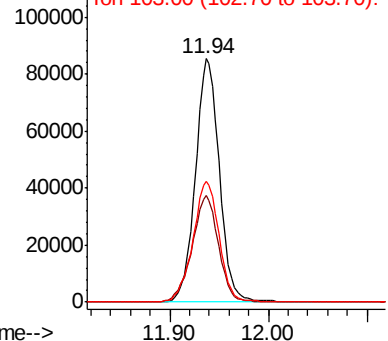


#70
Styrene
Concen: 18.445 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

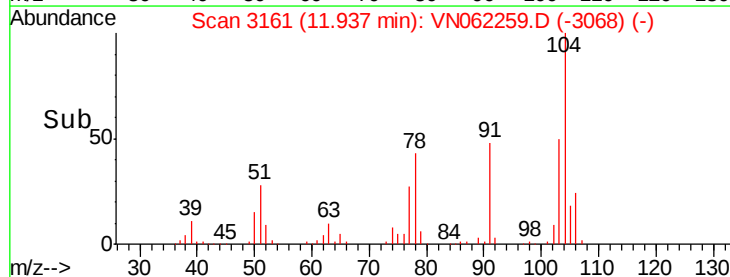
Tgt Ion:104 Resp: 145879
Ion Ratio Lower Upper
104 100
78 48.0 37.7 56.5
103 54.2 43.0 64.6

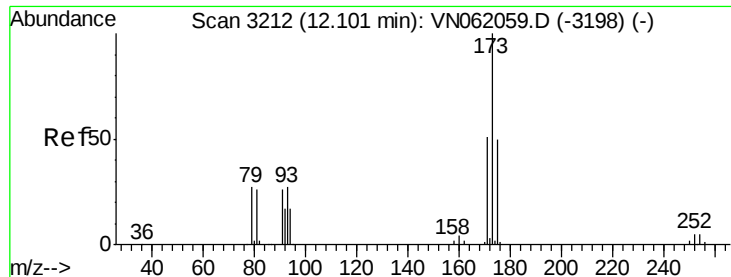


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V



Time-->

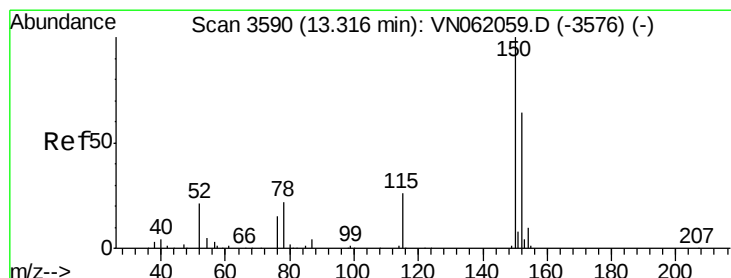
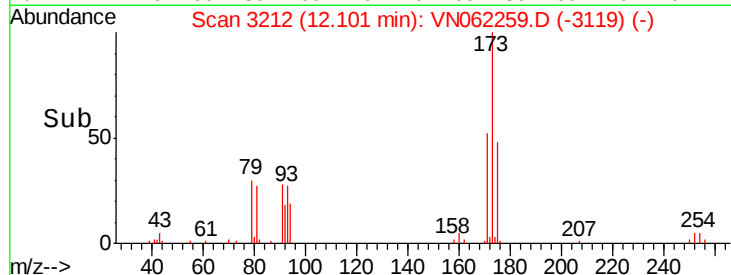
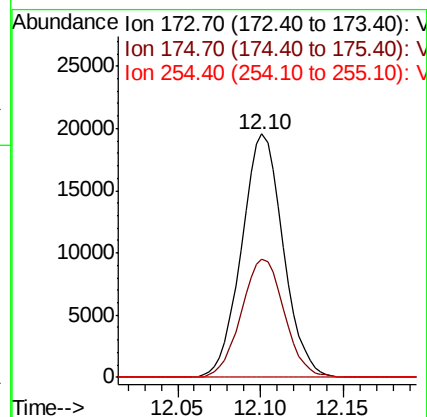
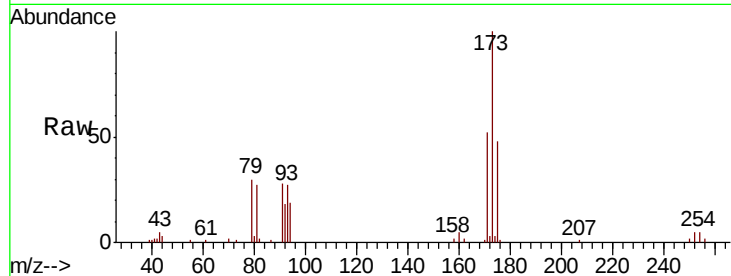




#71
Bromoform
Concen: 18.095 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

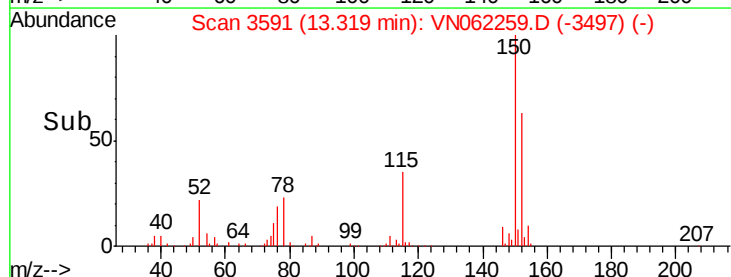
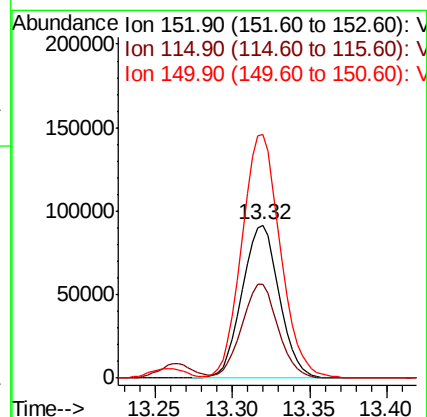
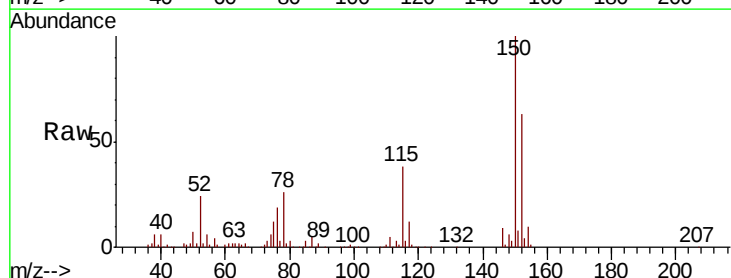
Instrument :
MSVOA_N
ClientSampled :
VN0630WBS02

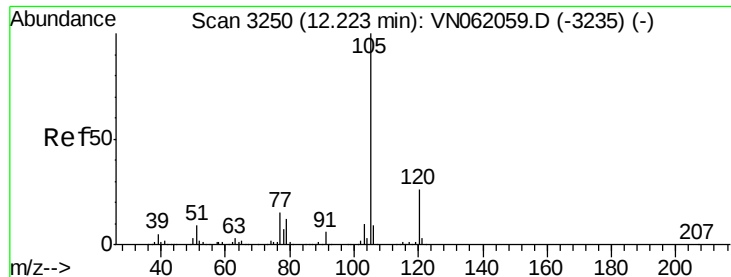
Tot Ion:173 Resp: 34229
Ion Ratio Lower Upper
173 100
175 50.0 24.7 74.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Tgt Ion:152 Resp: 153286
Ion Ratio Lower Upper
152 100
115 59.9 29.5 88.5
150 164.3 0.0 351.4





#73

Isopropylbenzene

Concen: 18.574 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

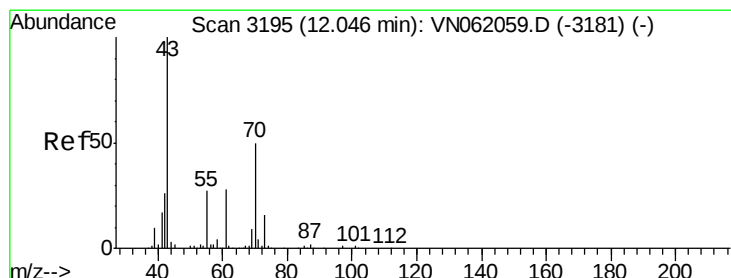
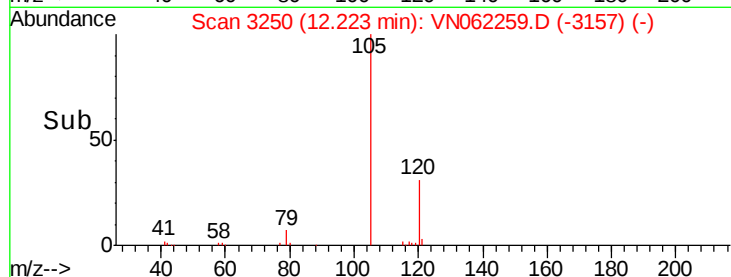
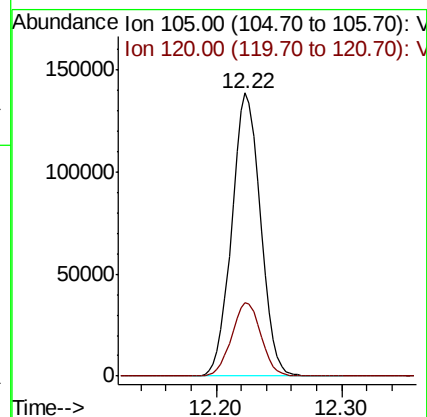
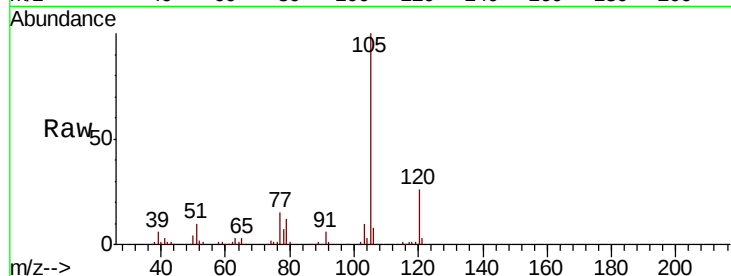
VN0630WBS02

Tot Ion:105 Resp: 220395

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.6



#74

N-ethyl acetate

Concen: 21.505 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Tgt Ion: 43 Resp: 85011

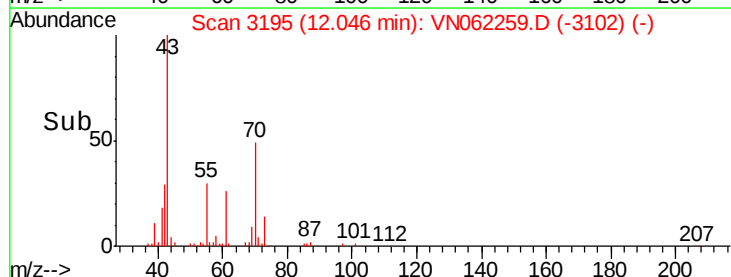
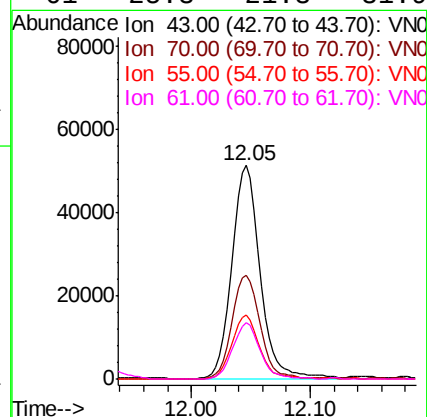
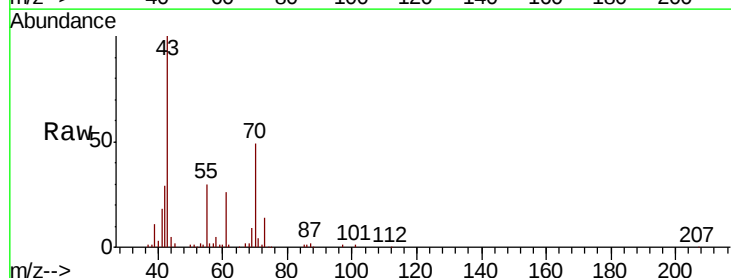
Ion Ratio Lower Upper

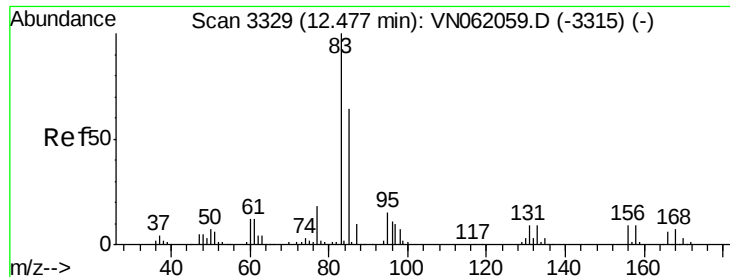
43 100

70 48.2 39.4 59.2

55 29.3 21.7 32.5

61 25.3 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 21.795 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS02

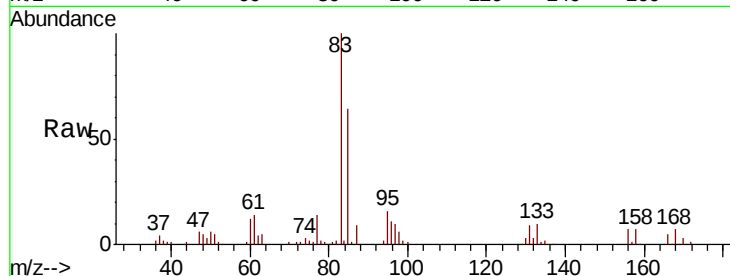
Tot Ion: 83 Resp: 86058

Ion Ratio Lower Upper

83 100

131 9.1 4.8 14.4

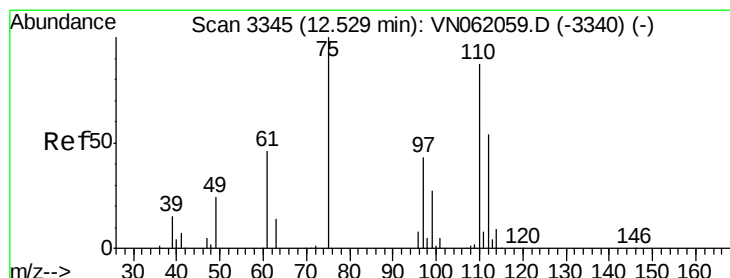
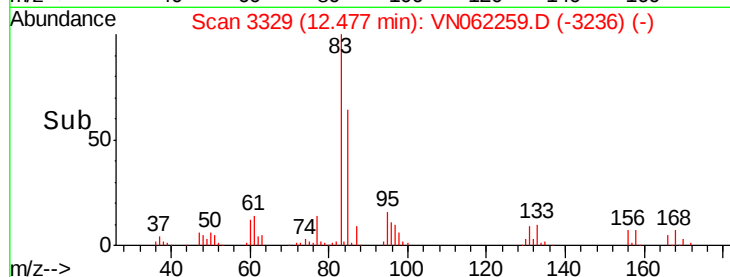
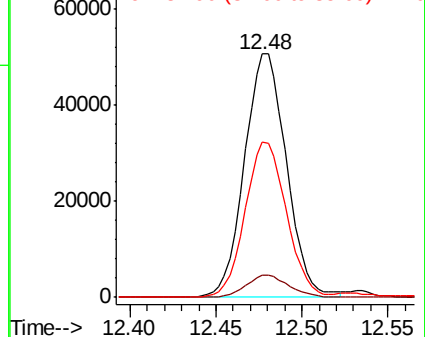
85 62.4 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN062259.D (-3326) (-)

Ion 130.80 (130.50 to 131.50): VN062259.D (-3326) (-)

Ion 84.90 (84.60 to 85.60): VN062259.D (-3326) (-)



#76

1,2,3-Trichloropropane

Concen: 28.002 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062259.D

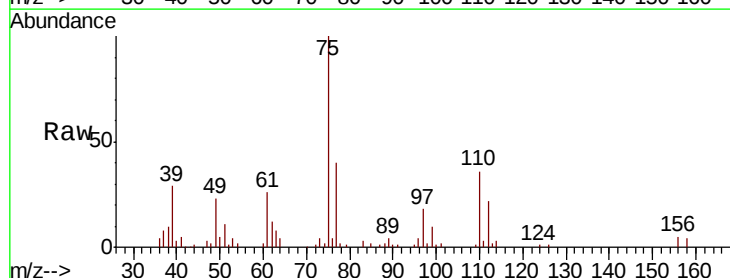
Acq: 1 Jul 2020 00:17

Tgt Ion: 75 Resp: 101046

Ion Ratio Lower Upper

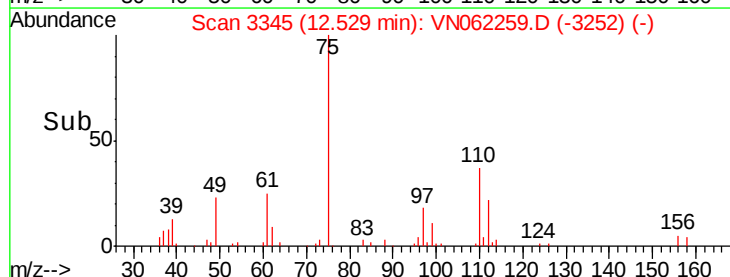
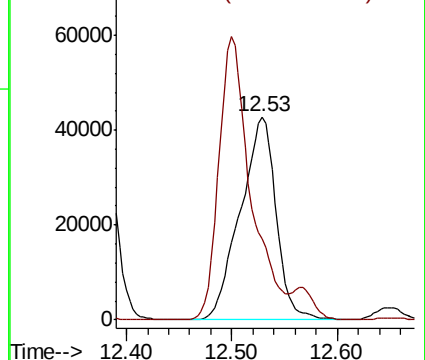
75 100

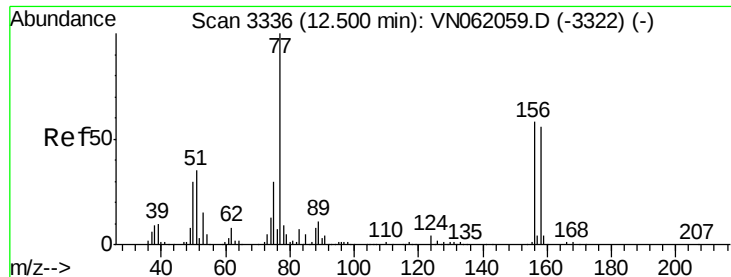
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062259.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062259.D (-3252) (-)





#77

Bromobenzene

Concen: 18.692 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS02

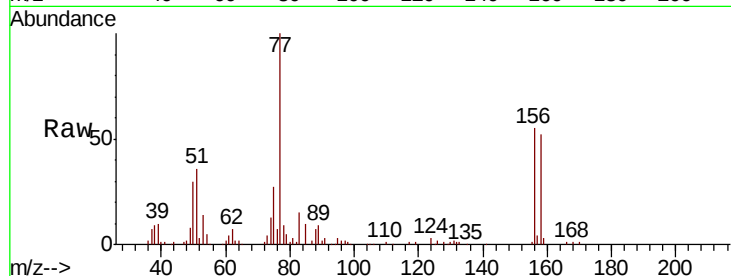
Tot Ion:156 Resp: 55065

Ion Ratio Lower Upper

156 100

77 226.8 104.6 313.8

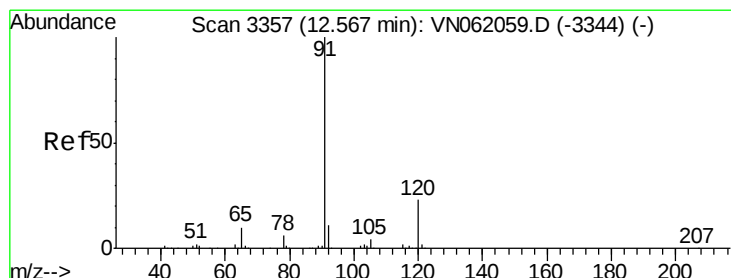
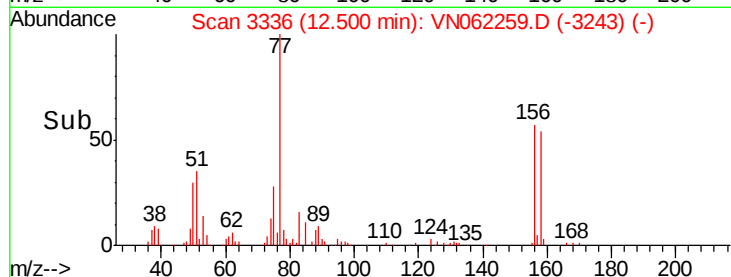
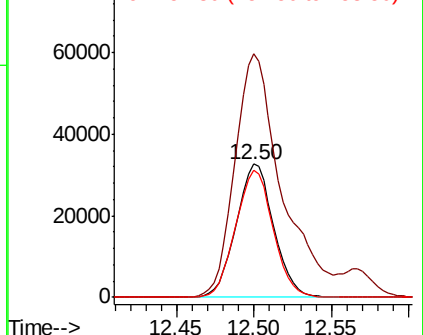
158 95.3 48.0 144.0



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: 18.778 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062259.D

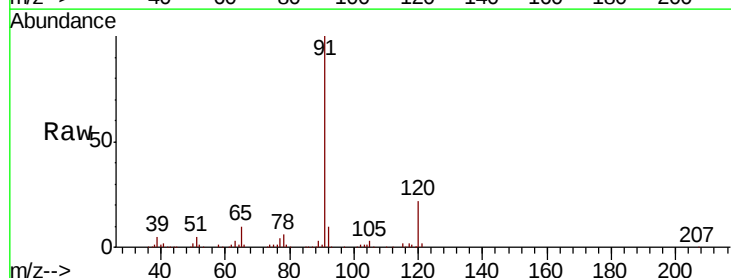
Acq: 1 Jul 2020 00:17

Tgt Ion: 91 Resp: 254868

Ion Ratio Lower Upper

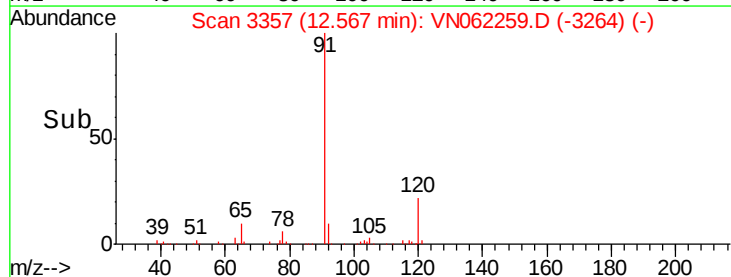
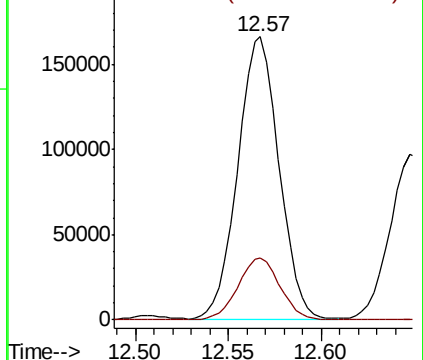
91 100

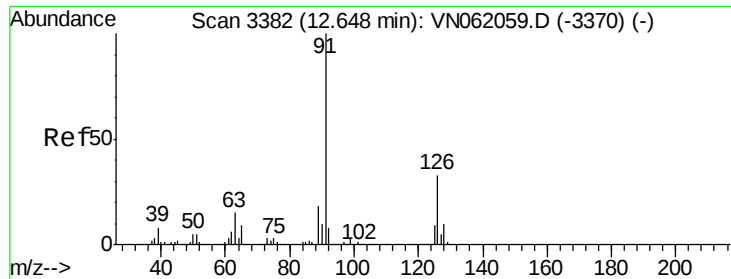
120 22.3 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

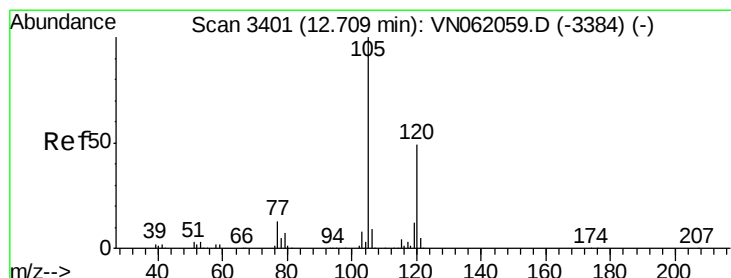
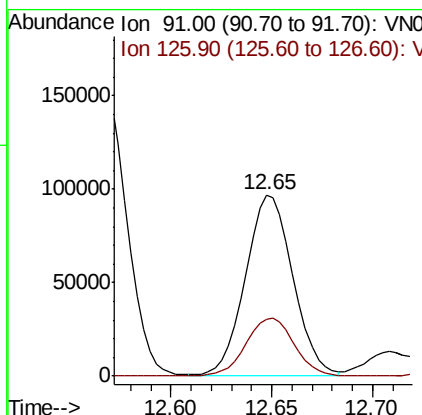
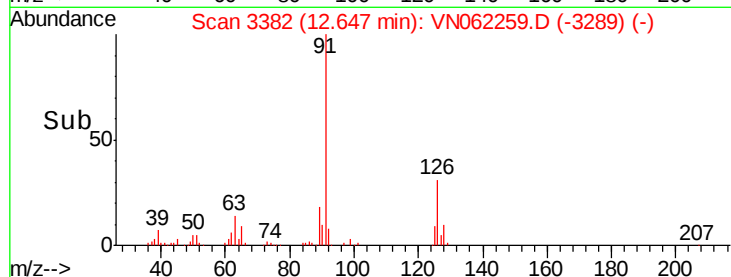
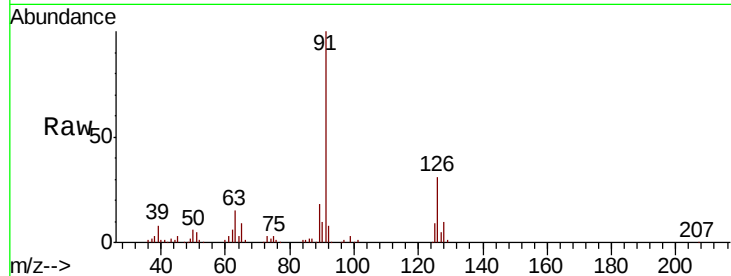




#79
 2-Chlorotoluene
 Concen: 19.350 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

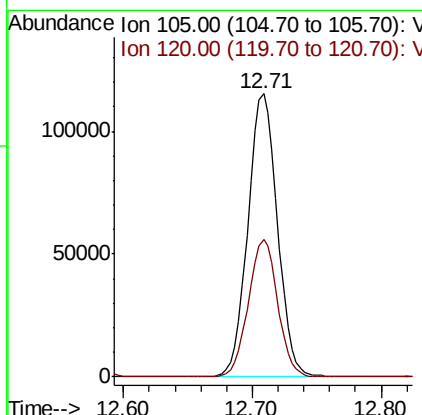
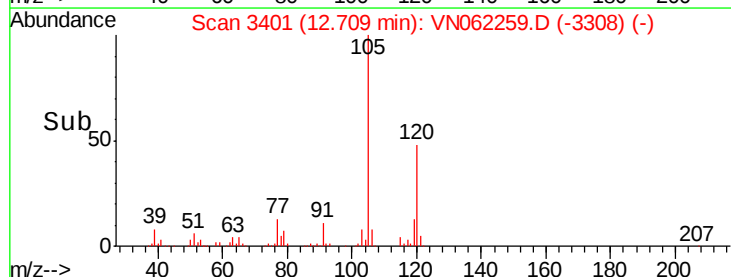
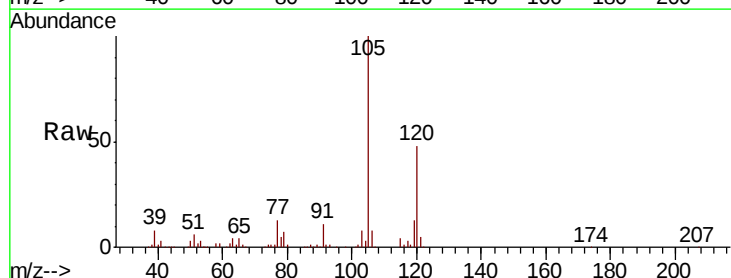
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS02

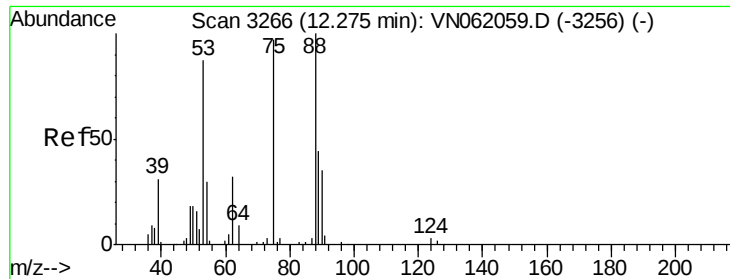
Tot Ion: 91 Resp: 158768
 Ion Ratio Lower Upper
 91 100
 126 33.0 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.149 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Tgt Ion: 105 Resp: 184195
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.561 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS02

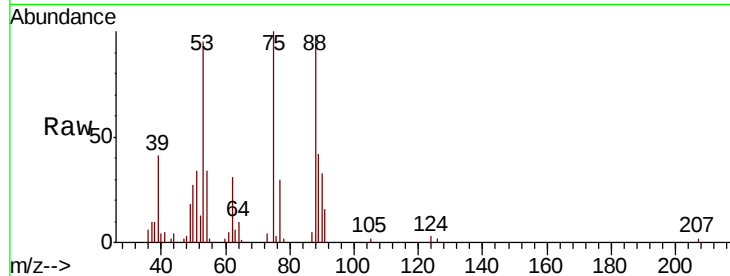
Tot Ion: 75 Resp: 24170

Ion Ratio Lower Upper

75 100

53 91.1 72.0 108.0

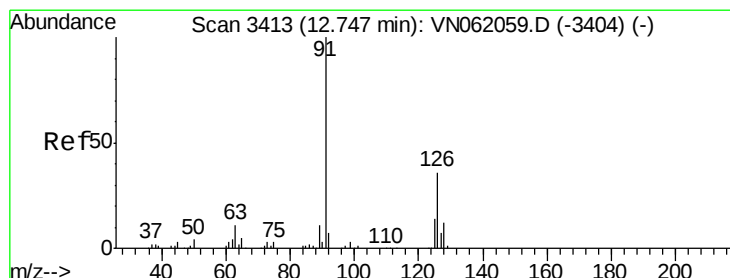
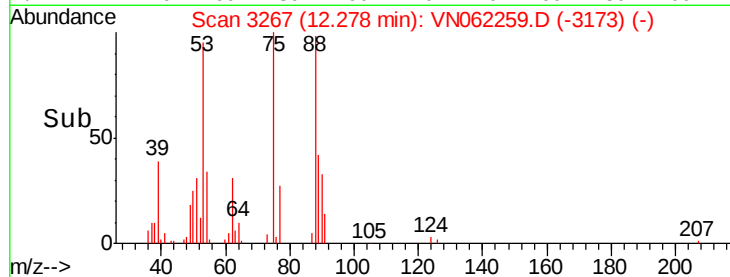
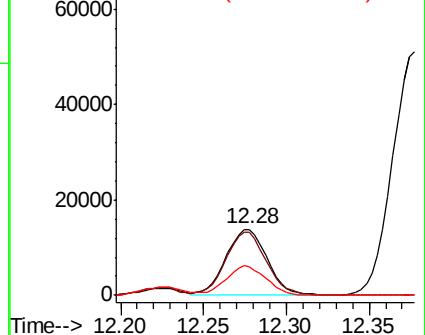
89 43.1 36.9 55.3



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: 18.983 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062259.D

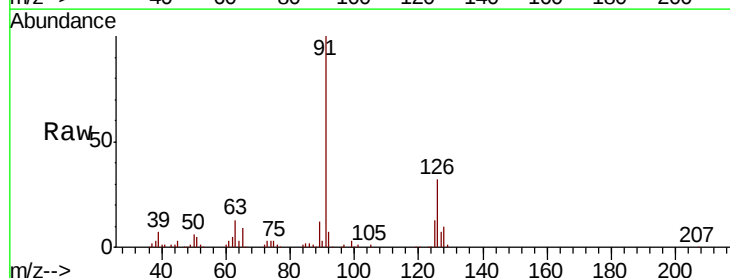
Acq: 1 Jul 2020 00:17

Tgt Ion: 91 Resp: 161068

Ion Ratio Lower Upper

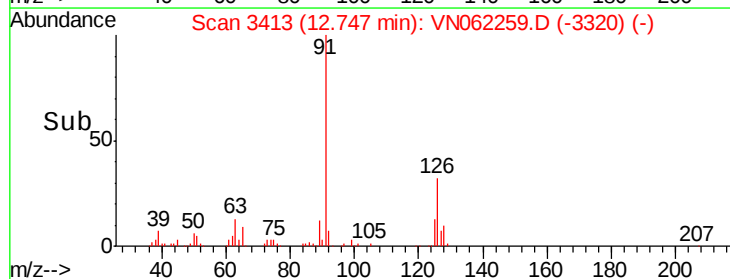
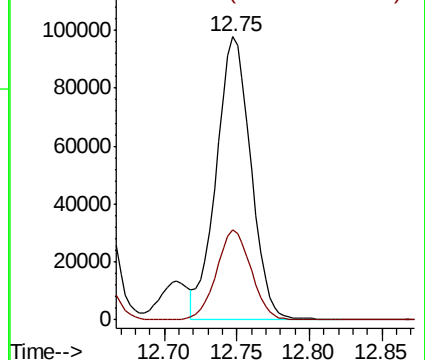
91 100

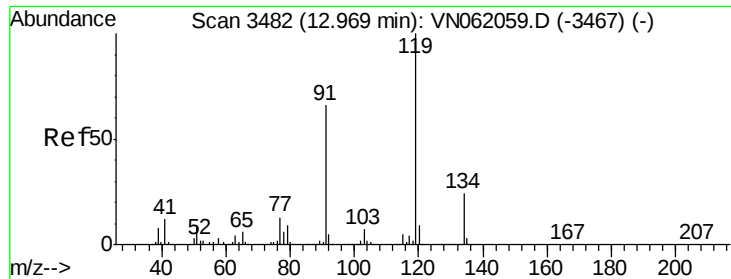
126 32.0 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

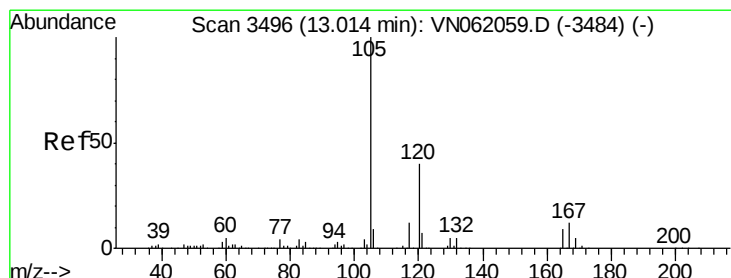
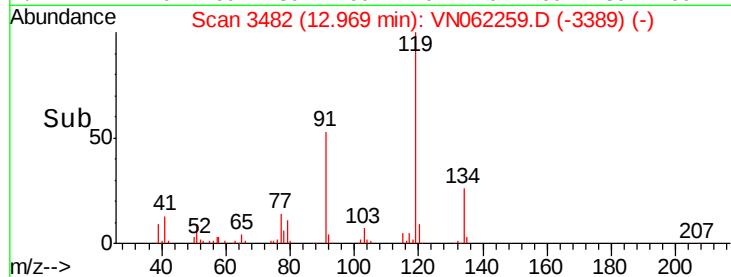
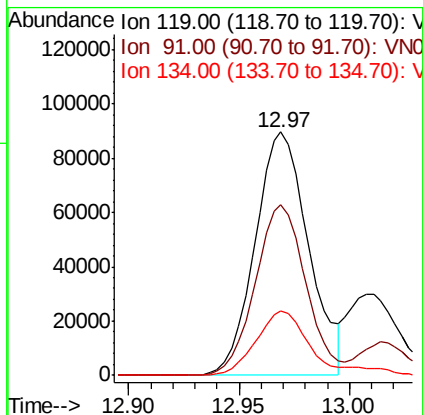
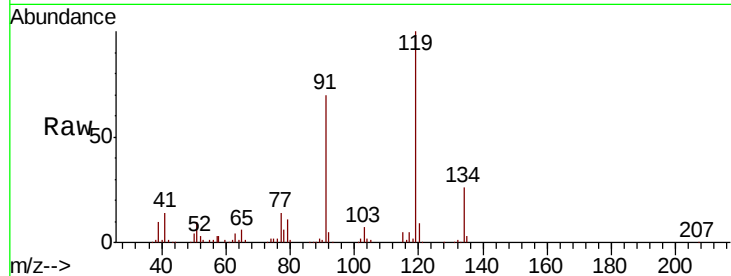




#83
 tert-Butylbenzene
 Concen: 18.299 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

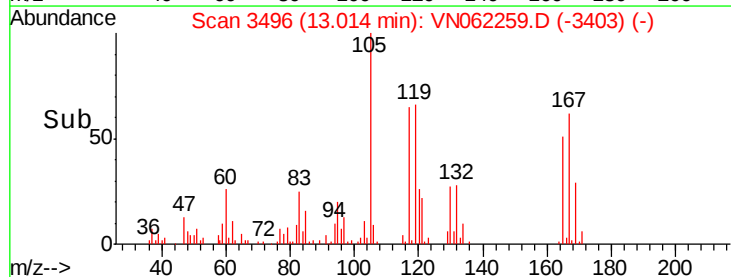
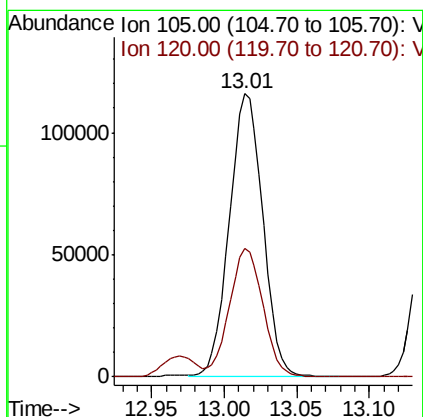
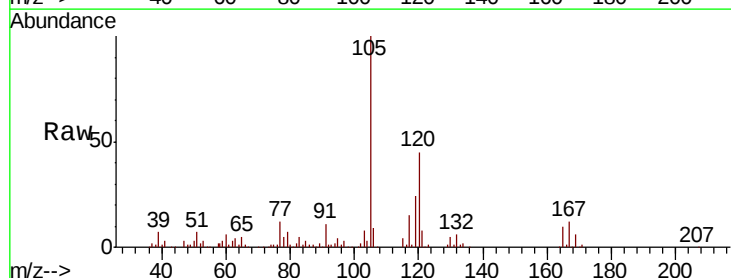
Instrument :
 MSVOA_N
 ClientSampled :
 VN0630WBS02

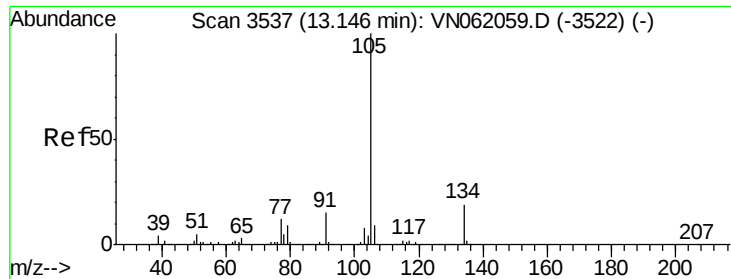
Tot Ion:119 Resp: 150635
 Ion Ratio Lower Upper
 119 100
 91 66.5 31.7 95.1
 134 27.4 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.165 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Tgt Ion:105 Resp: 184118
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.2 69.5

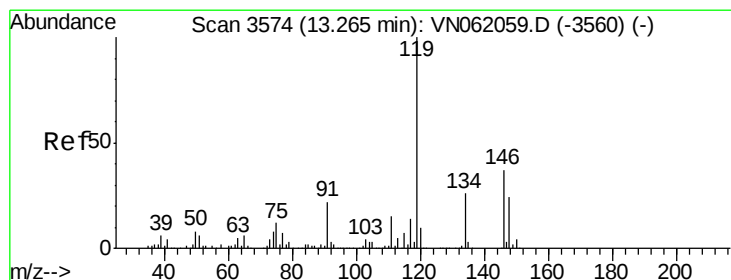
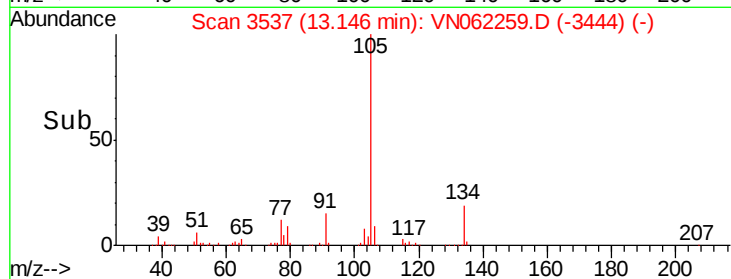
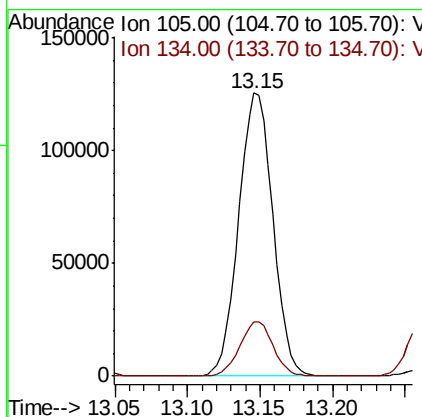
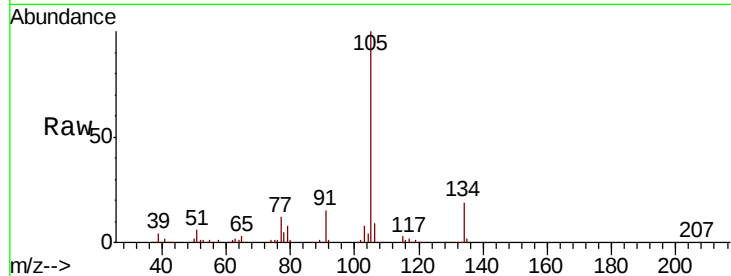




#85
 sec-Butylbenzene
 Concen: 18.823 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

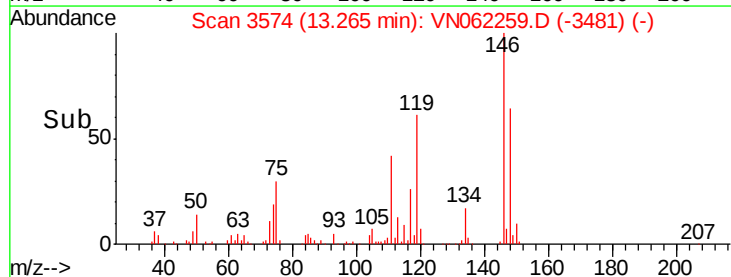
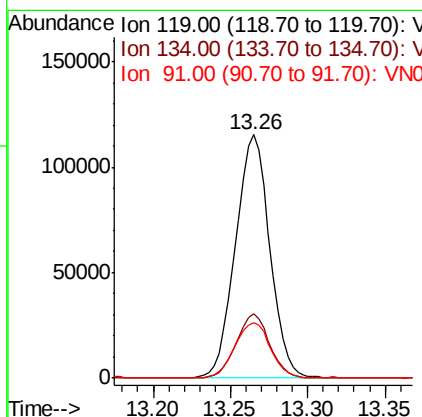
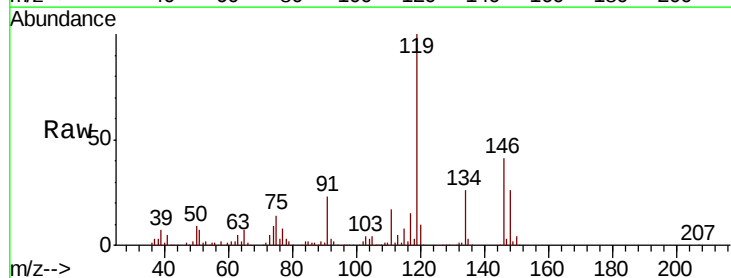
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS02

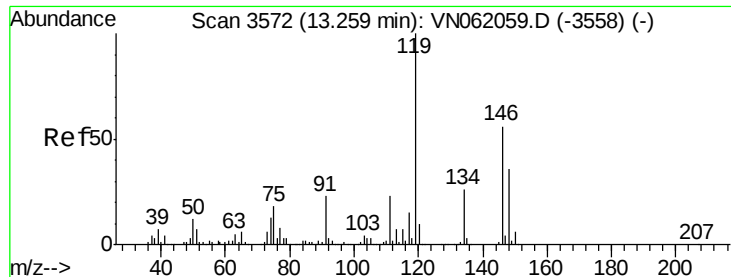
Tot Ion:105 Resp: 204745
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 18.655 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Tgt Ion:119 Resp: 177776
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 23.8 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 18.285 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS02

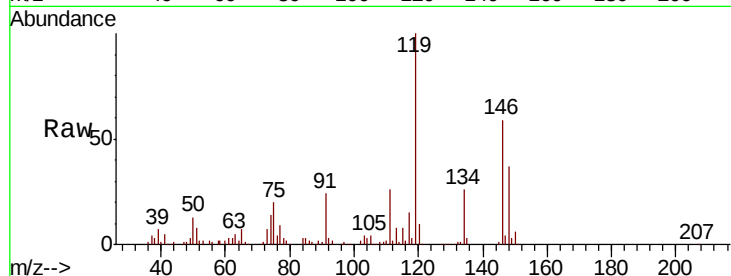
Tot Ion:146 Resp: 94585

Ion Ratio Lower Upper

146 100

111 42.9 20.3 61.0

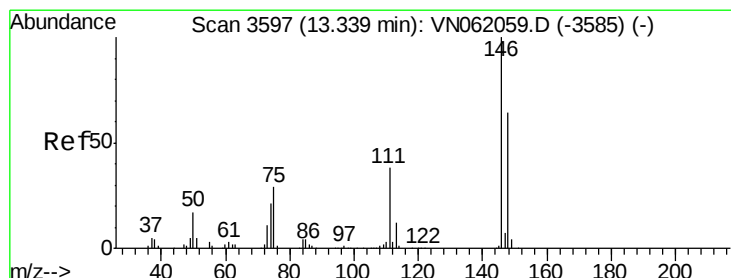
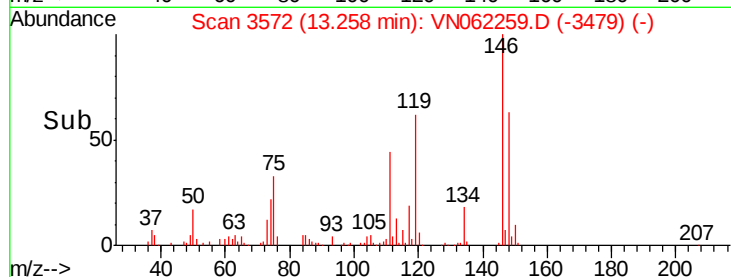
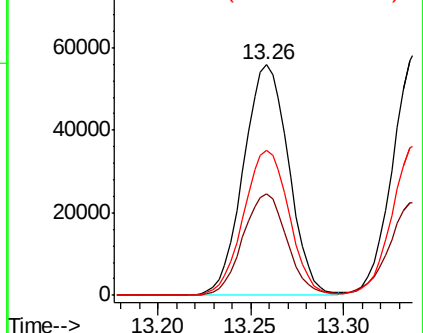
148 63.2 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.069 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

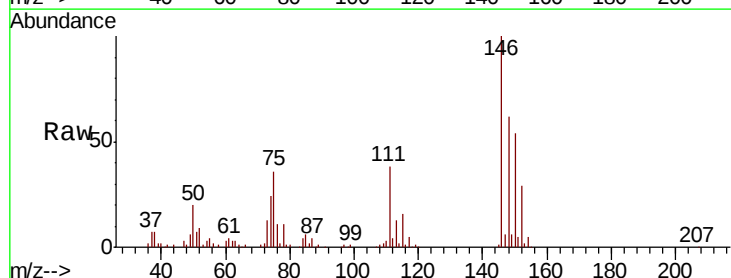
Tgt Ion:146 Resp: 96351

Ion Ratio Lower Upper

146 100

111 41.0 19.9 59.6

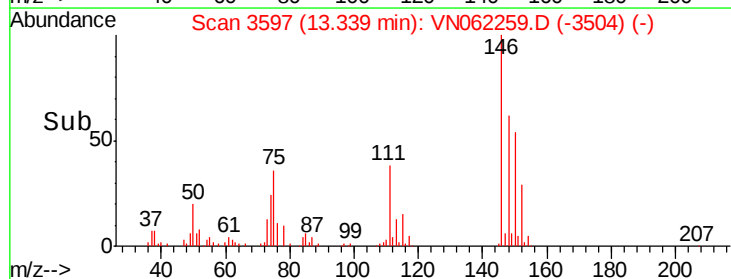
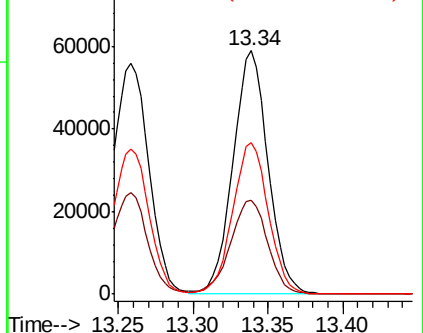
148 63.3 31.9 95.9

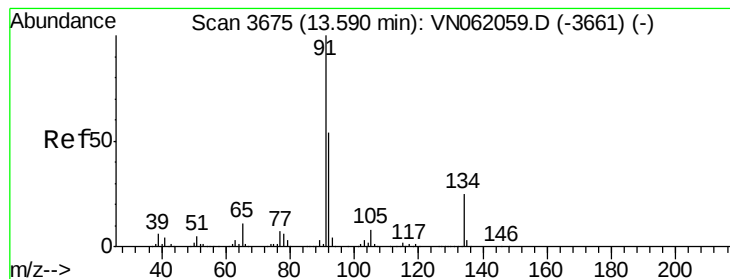


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 17.812 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062259.D

Acq: 1 Jul 2020 00:17

Instrument :

MSVOA_N

ClientSampleId :

VN0630WBS02

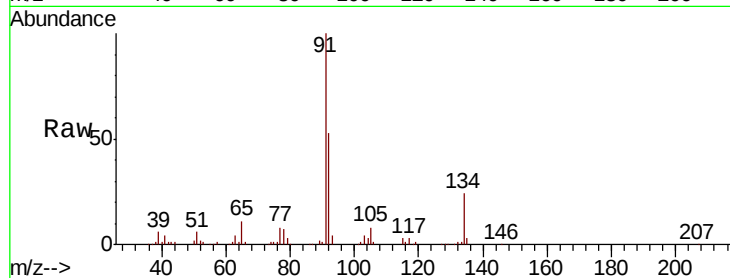
Tot Ion: 91 Resp: 141127

Ion Ratio Lower Upper

91 100

92 52.1 26.6 79.7

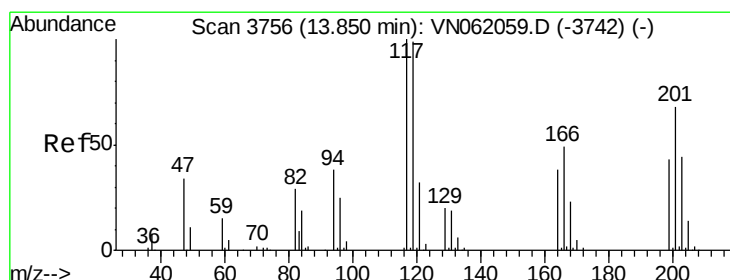
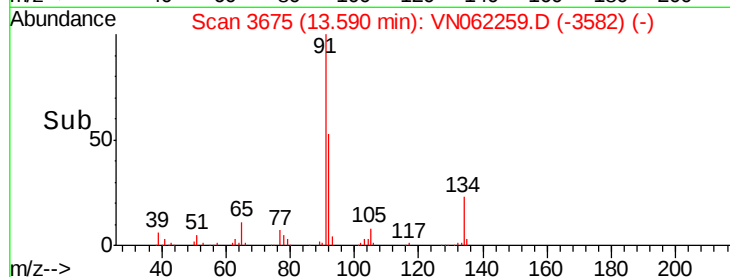
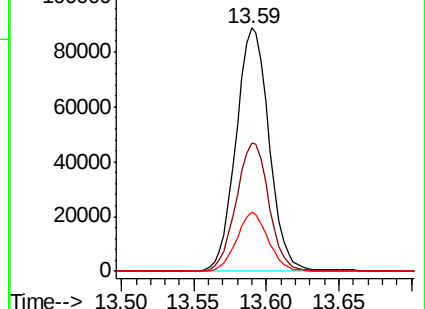
134 23.2 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN062059.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062059.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062059.D (-3661) (-)



#90

Hexachloroethane

Concen: 18.231 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062259.D

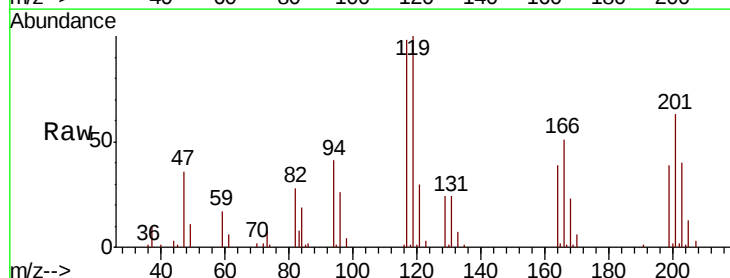
Acq: 1 Jul 2020 00:17

Tgt Ion: 117 Resp: 34088

Ion Ratio Lower Upper

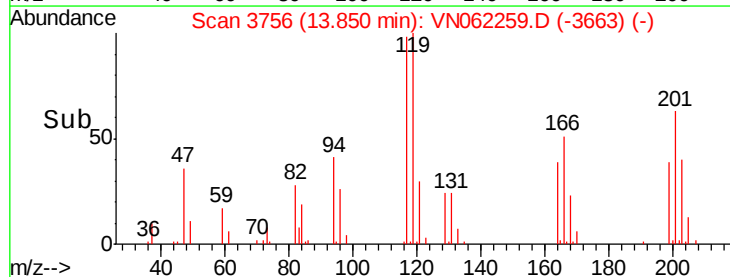
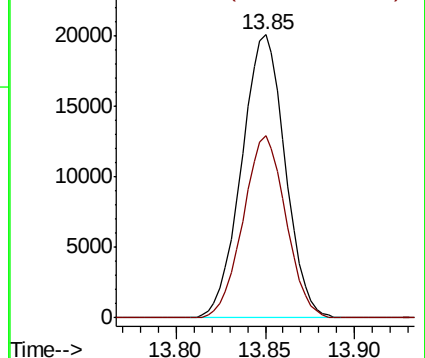
117 100

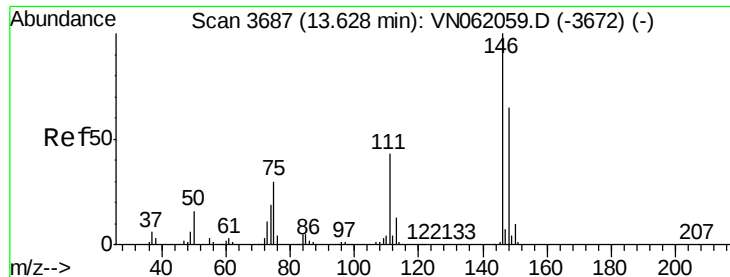
201 63.0 32.7 98.1



Abundance Ion 116.80 (116.50 to 117.50): VN062059.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062059.D (-3742) (-)

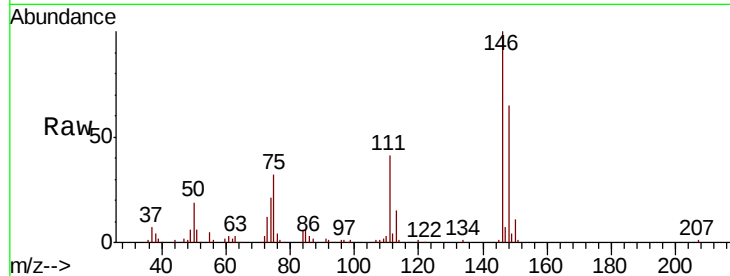




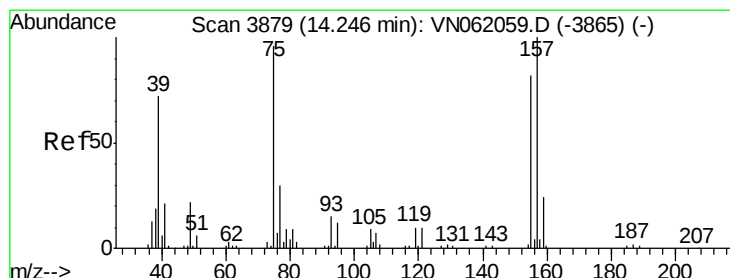
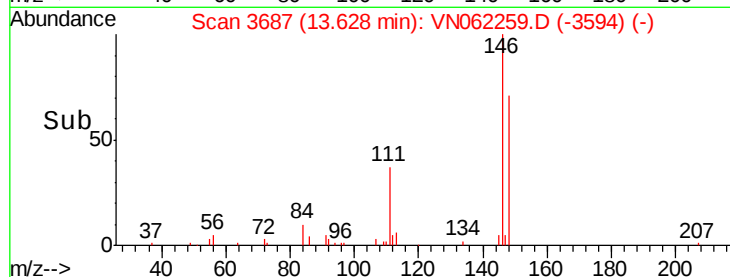
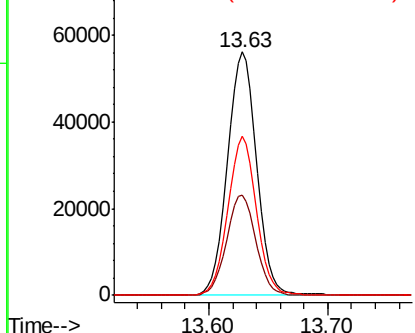
#91
 1,2-Dichlorobenzene
 Concen: 19.007 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBS02

Tot Ion:146 Resp: 95340
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.2 63.6
 148 63.9 31.9 95.5

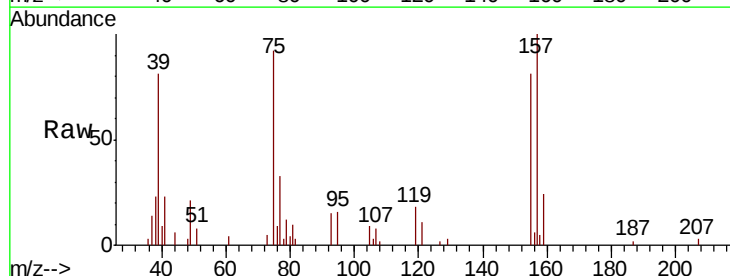


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

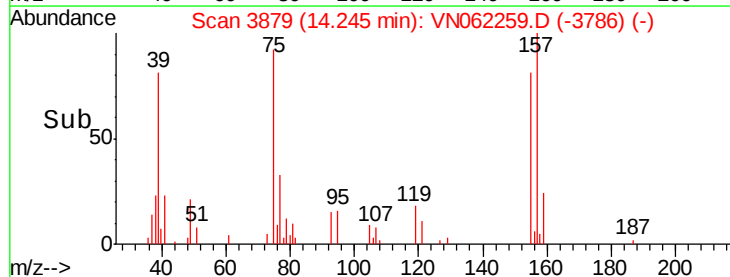
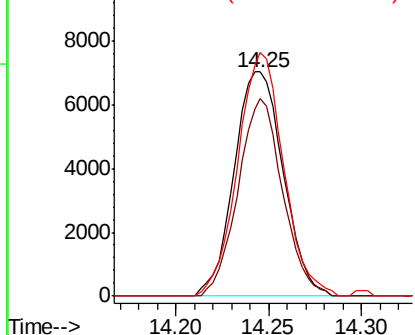


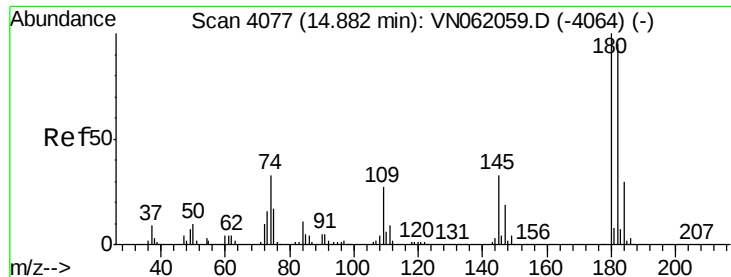
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.432 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Tgt Ion: 75 Resp: 12924
 Ion Ratio Lower Upper
 75 100
 155 79.9 40.8 122.4
 157 101.7 51.4 154.3



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

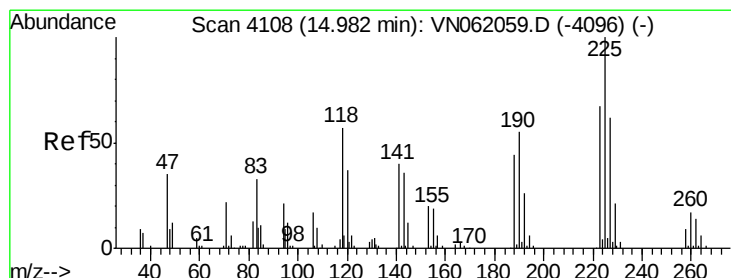
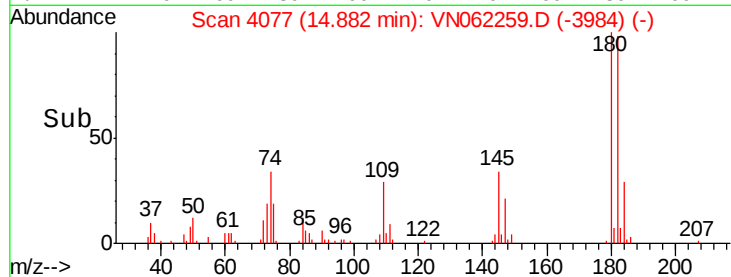
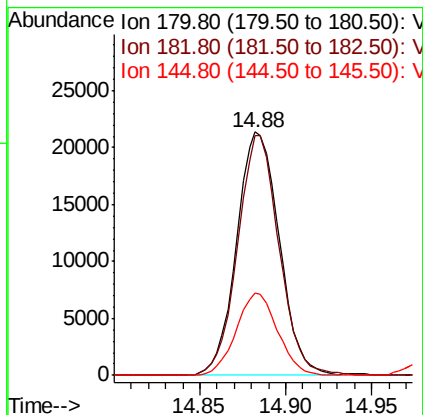
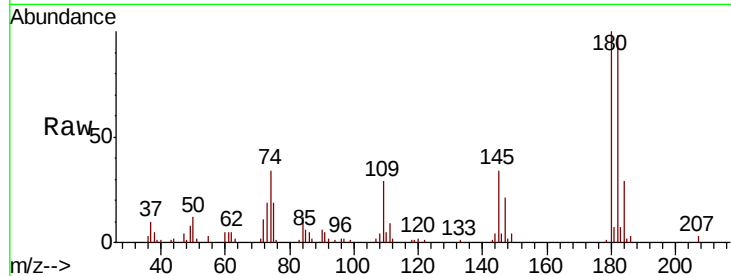




#93
 1,2,4-Trichlorobenzene
 Concen: 16.815 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

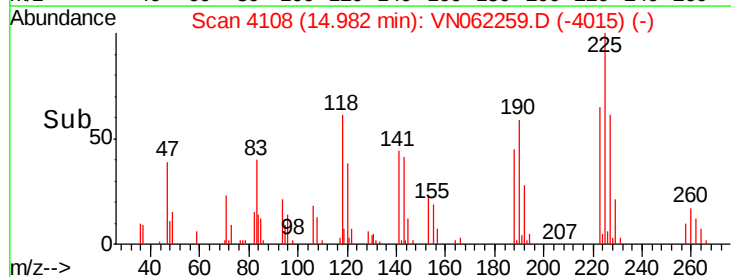
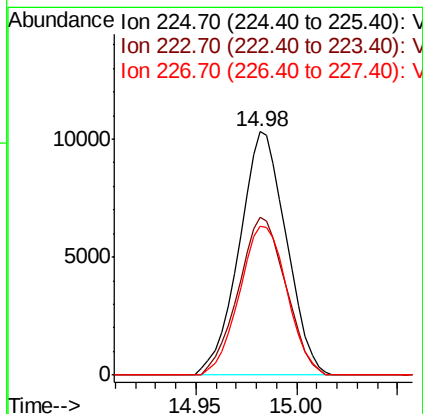
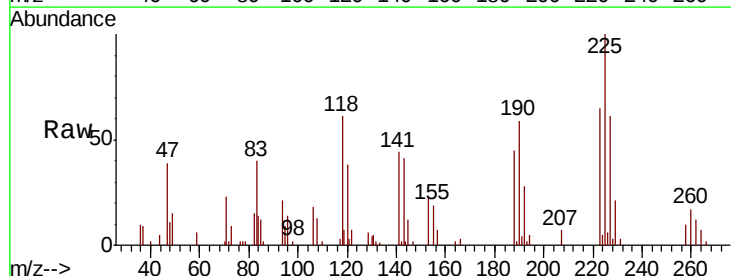
Instrument :
 MSVOA_N
 ClientSampled :
 VN0630WBS02

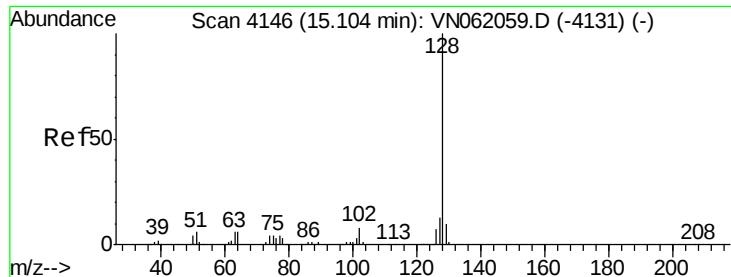
Tot Ion:180 Resp: 36848
 Ion Ratio Lower Upper
 180 100
 182 95.8 48.0 144.2
 145 32.7 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 17.688 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062259.D
 Acq: 1 Jul 2020 00:17

Tgt Ion:225 Resp: 16835
 Ion Ratio Lower Upper
 225 100
 223 65.4 32.9 98.7
 227 61.9 31.3 93.8

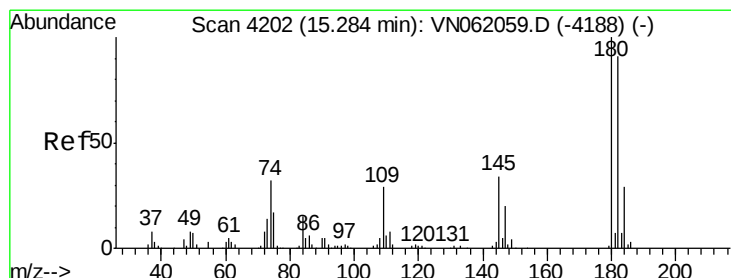
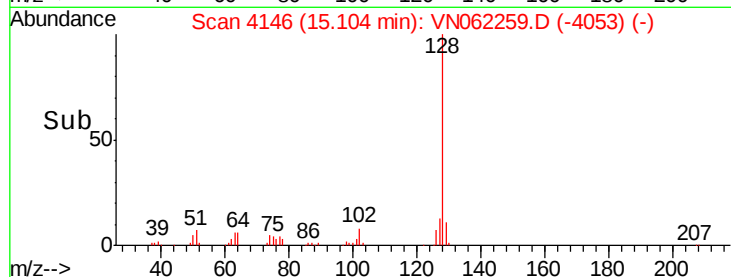
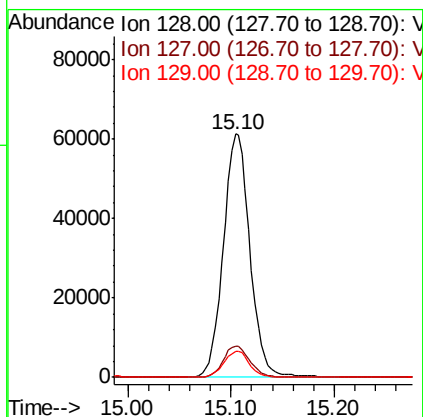
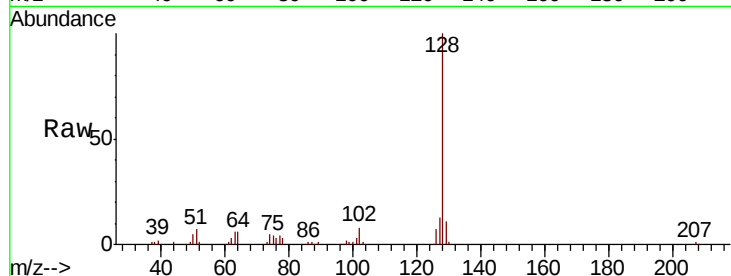




#95
Naphthalene
Concen: 17.851 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Instrument :
MSVOA_N
ClientSampleId :
VN0630WBS02

Tot Ion:128 Resp: 110027
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.5 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 17.923 ug/l
RT: 15.29 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN062259.D
Acq: 1 Jul 2020 00:17

Tgt Ion:180 Resp: 40159
Ion Ratio Lower Upper
180 100
182 93.0 46.8 140.4
145 33.1 16.4 49.2

