

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN062620\
 Data File : VN062151.D
 Acq On : 26 Jun 2020 19:51
 Operator : JC/MD
 Sample : L3020-18MS
 Misc : 5.10µ/5mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MS

Quant Time: Jun 27 03:45:30 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	7.62	168	229376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	419792	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	427401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	253653	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	156369	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
35) Dibromofluoromethane	7.54	113	125490	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
50) Toluene-d8	10.06	98	573273	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
62) 4-Bromofluorobenzene	12.37	95	301314	82.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	165.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	108036	41.669	ug/l	99
3) Chloromethane	2.03	50	128217	41.786	ug/l	100
4) Vinyl Chloride	2.16	62	152465	37.342	ug/l	100
5) Bromomethane	2.48	94	28737	10.890	ug/l	99
6) Chloroethane	2.62	64	13245	4.749	ug/l	93
7) Trichlorofluoromethane	2.91	101	252735	50.235	ug/l	98
8) Diethyl Ether	3.36	74	85326	48.570	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.68	101	120193	45.621	ug/l	99
10) Methyl Iodide	3.88	142	123318	41.562	ug/l	99
11) Tert butyl alcohol	4.68	59	4552	9.849	ug/l #	72
12) 1,1-Dichloroethene	3.66	96	122035	46.334	ug/l	97
13) Acrolein	3.56	56	114242	252.476	ug/l	98
14) Allyl chloride	4.26	41	168823	47.080	ug/l	98
15) Acrylonitrile	4.93	53	302491	240.183	ug/l	100
16) Acetone	3.78	43	238894	236.218	ug/l	97
17) Carbon Disulfide	3.98	76	335677	44.502	ug/l	99
18) Methyl Acetate	4.27	43	131060	51.219	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	411669	48.915	ug/l	97
20) Methylene Chloride	4.49	84	145622	49.278	ug/l	99
21) trans-1,2-Dichloroethene	4.97	96	133634	44.539	ug/l	94
22) Diisopropyl ether	5.90	45	397021	48.627	ug/l	97
23) Vinyl Acetate	5.84	43	1631651	244.772	ug/l	100
24) 1,1-Dichloroethane	5.78	63	244322	46.470	ug/l	98
25) 2-Butanone	6.79	43	372057	236.472	ug/l	99
26) 2,2-Dichloropropane	6.77	77	174616	39.856	ug/l	99
27) cis-1,2-Dichloroethene	6.77	96	174166	51.586	ug/l	98
28) Bromochloromethane	7.14	49	105123	46.083	ug/l	98
29) Tetrahydrofuran	7.17	42	247391	240.039	ug/l	99
30) Chloroform	7.32	83	250815	46.888	ug/l	99
31) Cyclohexane	7.60	56	267183	60.078	ug/l	95
32) 1,1,1-Trichloroethane	7.52	97	208601	46.242	ug/l	99
36) 1,1-Dichloropropene	7.75	75	186845	44.281	ug/l	98
37) Ethyl Acetate	6.88	43	160784	46.017	ug/l	98
38) Carbon Tetrachloride	7.73	117	173364	43.580	ug/l	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	703126	152.084	ug/l	97
40) Benzene	8.00	78	582276	45.275	ug/l	98
41) Methacrylonitrile	7.17	41	231793	143.096	ug/l #	14
42) 1,2-Dichloroethane	8.08	62	195805	45.062	ug/l	94
43) Isopropyl Acetate	8.13	43	374001	65.663	ug/l #	88
44) Trichloroethene	8.80	130	153897	47.437	ug/l	99
45) 1,2-Dichloropropane	9.08	63	154767	48.778	ug/l	99
46) Dibromomethane	9.17	93	100305	46.627	ug/l	97
47) Bromodichloromethane	9.37	83	236457	54.438	ug/l	97
48) Methyl methacrylate	9.17	41	128988	50.507	ug/l	94
49) 1,4-Dioxane	9.18	88	52269	922.918	ug/l #	81
51) 4-Methyl-2-Pentanone	9.96	43	1071636	322.024	ug/l	94
52) Toluene	10.12	92	386148	49.209	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	228349	47.784	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	248457	48.835	ug/l	92
55) 1,1,2-Trichloroethane	10.50	97	343655	111.408	ug/l #	24
56) Ethyl methacrylate	10.40	69	224341	54.497	ug/l #	65
57) 1,3-Dichloropropane	10.68	76	259993	48.968	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	464340	263.974	ug/l	100
59) 2-Hexanone	10.73	43	576706	239.994	ug/l	94
60) Dibromochloromethane	10.87	129	153765	47.084	ug/l	100
61) 1,2-Dibromoethane	10.98	107	156493	49.374	ug/l #	40
64) Tetrachloroethene	10.60	164	117558	40.266	ug/l	97
65) Chlorobenzene	11.41	112	439268	46.801	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	153841	47.401	ug/l	99
67) Ethyl Benzene	11.48	91	5149609	324.867	ug/l #	82
68) m/p-Xylenes	11.60	106	1905569	310.805	ug/l	98
69) o-Xylene	11.92	106	314935	54.442	ug/l	95
70) Styrene	11.94	104	534187	55.371	ug/l	98
71) Bromoform	12.10	173	110140	47.730	ug/l #	98
73) Isopropylbenzene	12.22	105	2047725	104.291	ug/l	100
74) N-amyl acetate	12.02	43	344558	47.827	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.48	83	243577	37.279	ug/l #	49
76) 1,2,3-Trichloropropane	12.53	75	331835	55.573	ug/l #	100
77) Bromobenzene	12.50	156	191337	39.251	ug/l	95
78) n-propylbenzene	12.57	91	5576515	248.294	ug/l	87
79) 2-Chlorotoluene	12.75	91	587406	43.263	ug/l	93
80) 1,3,5-Trimethylbenzene	12.71	105	5642625	354.503	ug/l	79
81) trans-1,4-Dichloro-2-buten	12.28	75	81793	40.003	ug/l #	74
82) 4-Chlorotoluene	12.75	91	587406	41.836	ug/l	92
83) tert-Butylbenzene	12.97	119	626730	46.009	ug/l	95
84) 1,2,4-Trimethylbenzene	12.87	105	1752462	110.239	ug/l	76
85) sec-Butylbenzene	13.15	105	1709245	94.960	ug/l #	78
86) p-Isopropyltoluene	13.26	119	1235605	78.353	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	379832	44.373	ug/l	94
88) 1,4-Dichlorobenzene	13.34	146	386019	43.748	ug/l	96
89) n-Butylbenzene	13.59	91	2960908	225.839	ug/l #	77
90) Hexachloroethane	13.86	117	778010	251.457	ug/l #	32
91) 1,2-Dichlorobenzene	13.63	146	389779	46.958	ug/l	90
92) 1,2-Dibromo-3-Chloropropan	14.23	75	121130	115.725	ug/l #	49

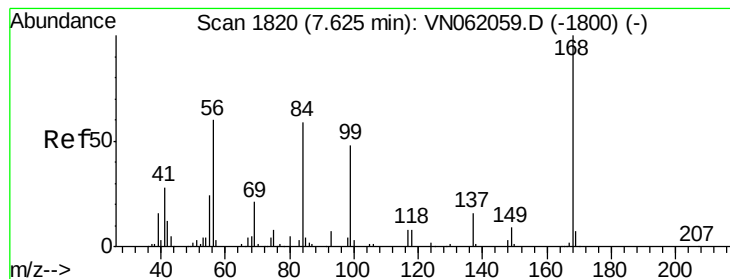
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	263712	72.725	ug/l #	34
94) Hexachlorobutadiene	14.99	225	107482	68.245	ug/l	96
95) Naphthalene	15.10	128	5881179	451.564	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.28	180	252287	68.043	ug/l #	85

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062151.D

Acq: 26 Jun 2020 19:51

Instrument :

MSVOA_N

ClientSampleId :

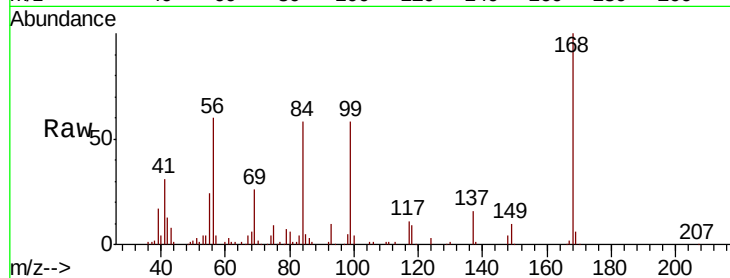
MW-27(16.5-18.5)MS

Tot Ion:168 Resp: 229376

Ion Ratio Lower Upper

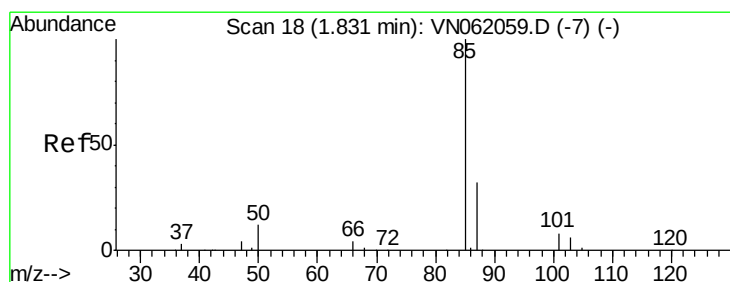
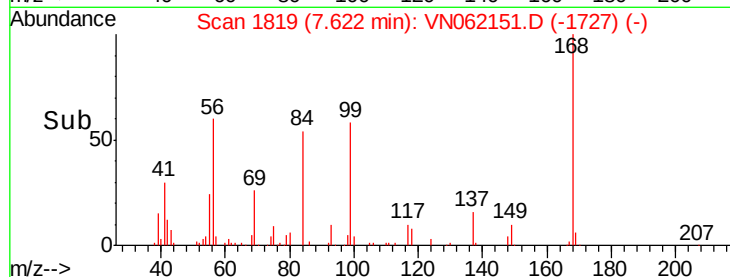
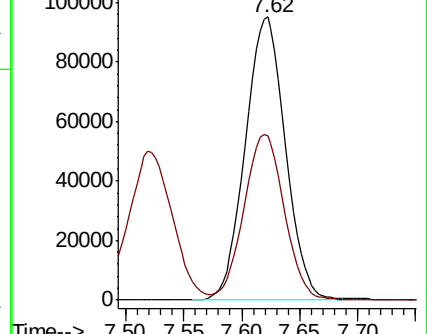
168 100

99 57.5 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 41.669 ug/l

RT: 1.83 min Scan# 17

Delta R.T. -0.00 min

Lab File: VN062151.D

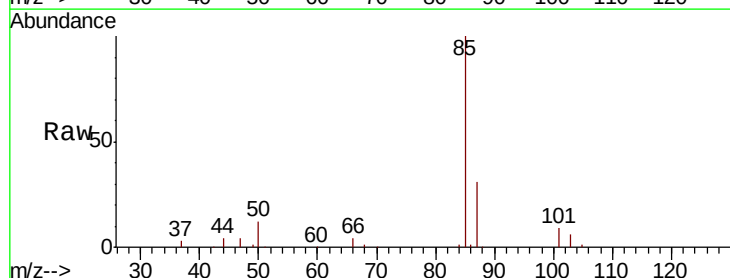
Acq: 26 Jun 2020 19:51

Tgt Ion: 85 Resp: 108036

Ion Ratio Lower Upper

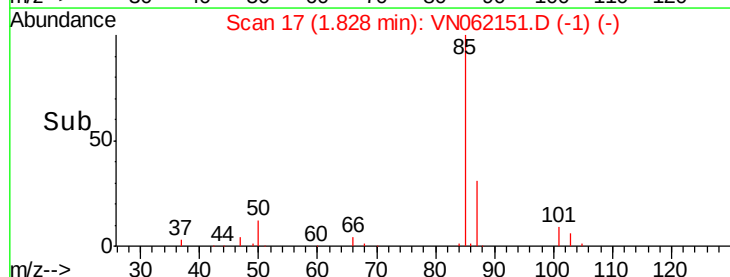
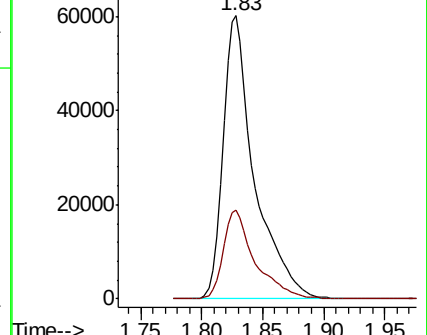
85 100

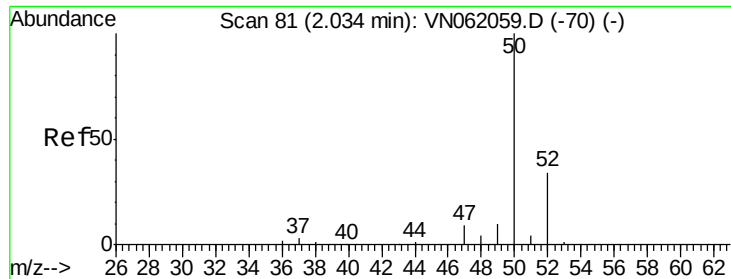
87 31.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 41.786 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062151.D

Acq: 26 Jun 2020 19:51

Instrument :

MSVOA_N

ClientSampleId :

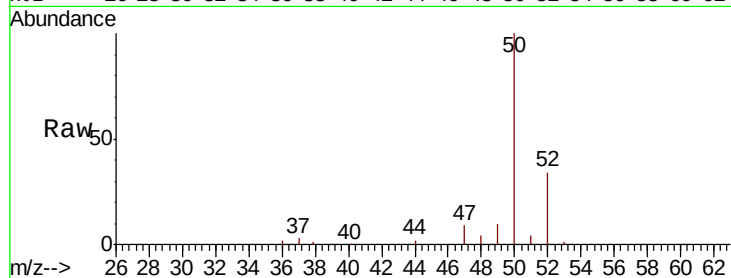
MW-27(16.5-18.5)MS

Tot Ion: 50 Resp: 128217

Ion Ratio Lower Upper

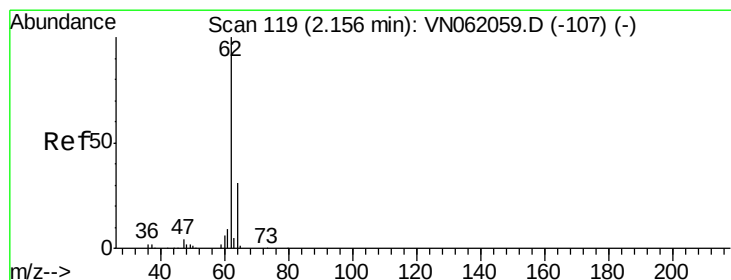
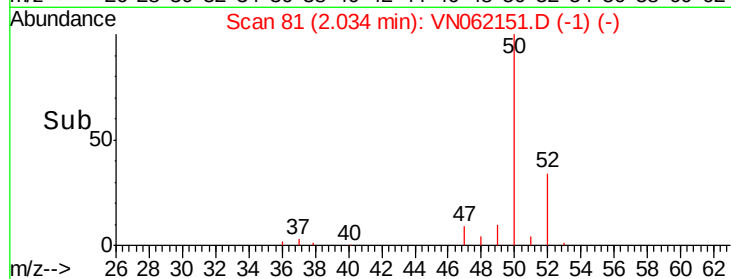
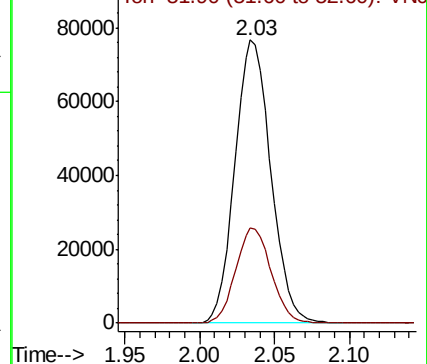
50 100

52 33.6 27.0 40.6



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 37.342 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.01 min

Lab File: VN062151.D

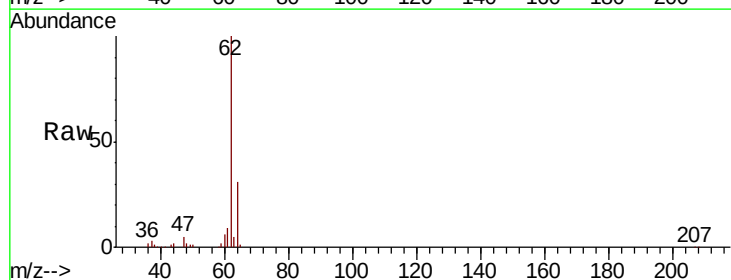
Acq: 26 Jun 2020 19:51

Tgt Ion: 62 Resp: 152465

Ion Ratio Lower Upper

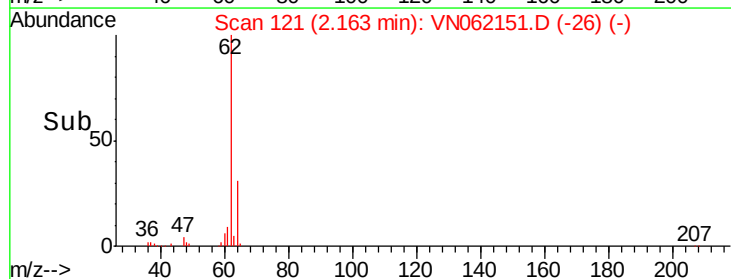
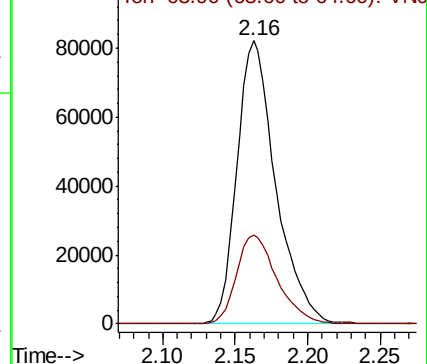
62 100

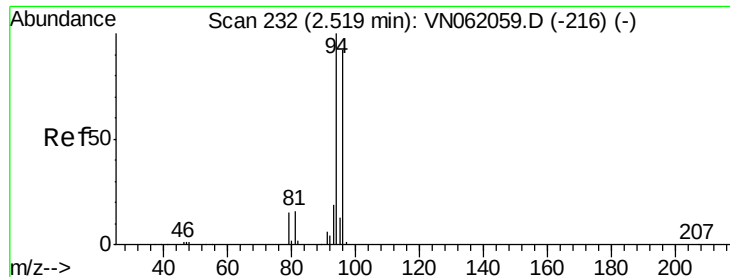
64 31.3 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 10.890 ug/l

RT: 2.48 min Scan# 221

Delta R.T. -0.04 min

Lab File: VN062151.D

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Instrument :

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ClientSampleId :

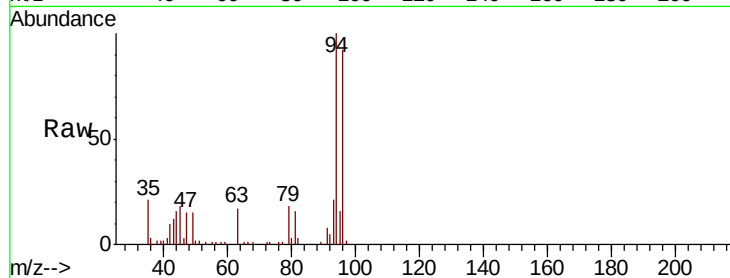
MW-27(16.5-18.5)MS

Tot Ion: 94 Resp: 28737

Ion Ratio Lower Upper

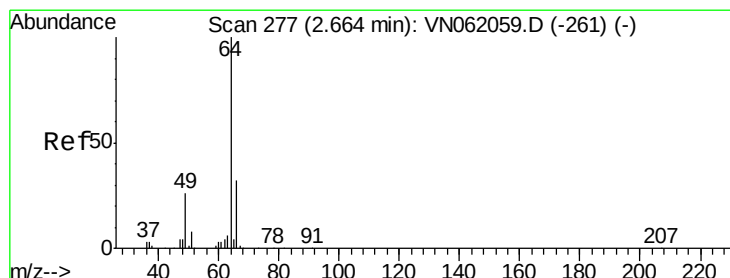
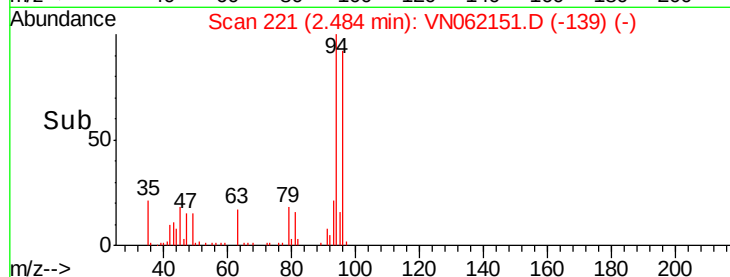
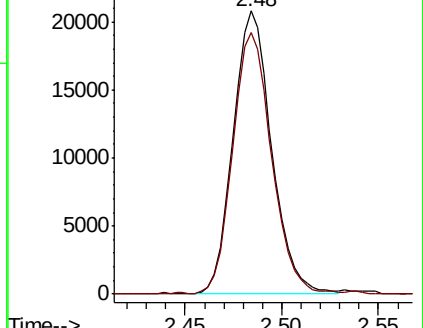
94 100

96 92.5 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) (-)



#6

Chloroethane

Concen: 4.749 ug/l

RT: 2.62 min Scan# 263

Delta R.T. -0.05 min

Lab File: VN062151.D

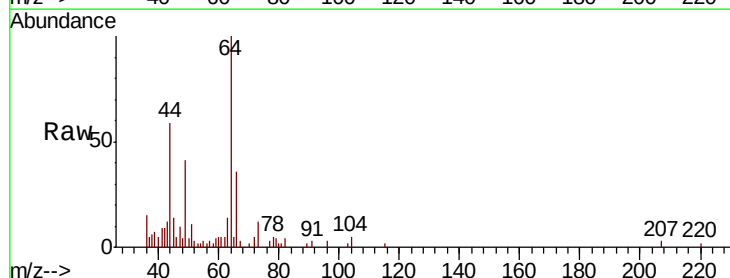
Acq: 26 Jun 2020 19:51

Tgt Ion: 64 Resp: 13245

Ion Ratio Lower Upper

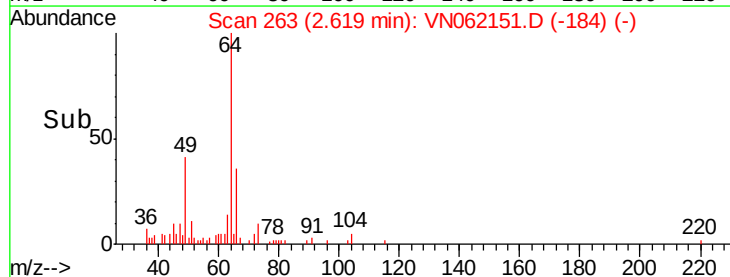
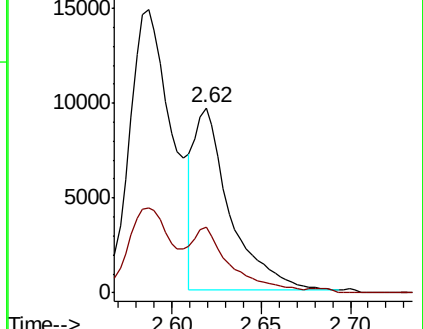
64 100

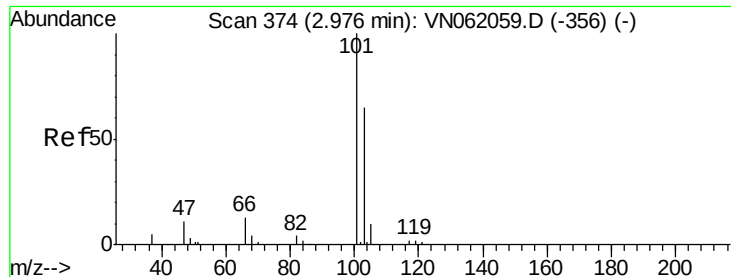
66 36.2 25.8 38.6



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

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



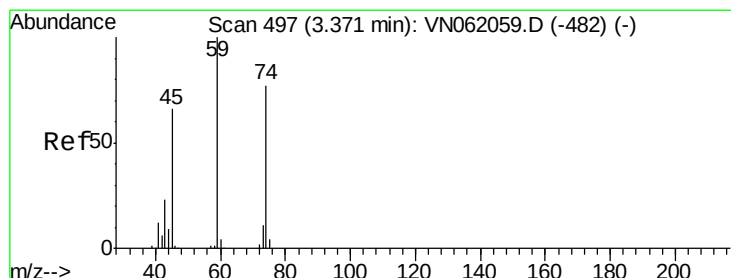
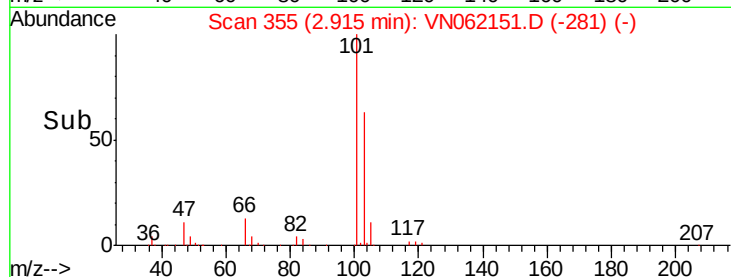
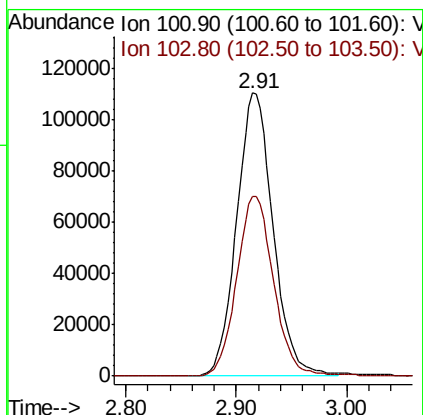
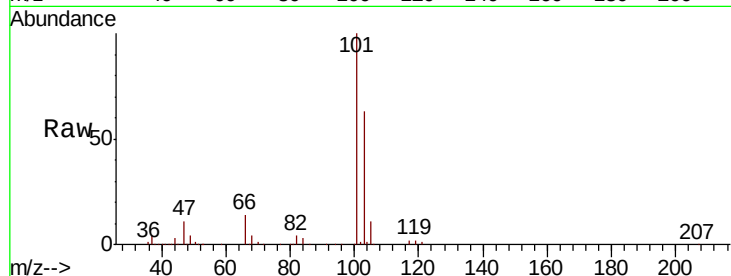


#7

Trichlorofluoromethane
 Concen: 50.235 ug/l
 RT: 2.91 min Scan# 355
 Delta R.T. -0.06 min
 Lab File: VN062151.D
 Acq: 26 Jun 2020 19:51

Instrument :
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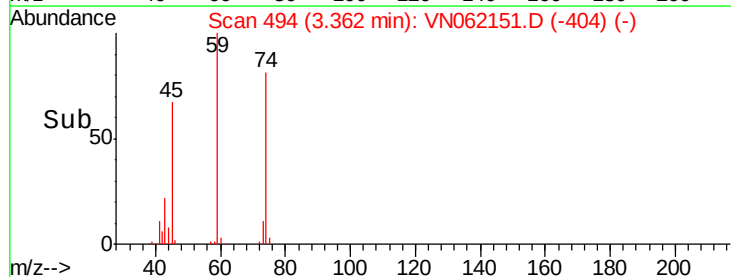
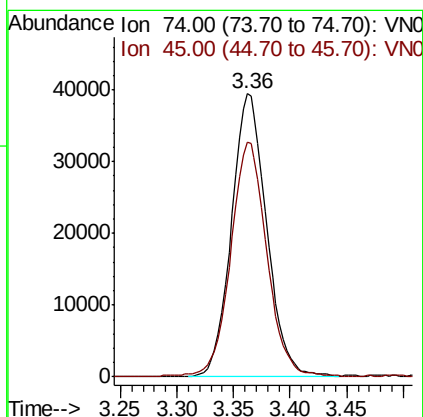
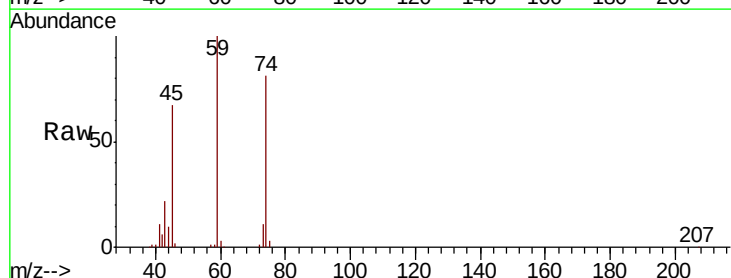
Tot Ion:101 Resp: 252735
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.8 77.6

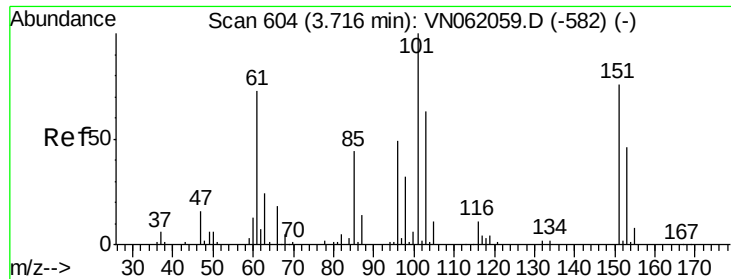


#8

Diethyl Ether
 Concen: 48.570 ug/l
 RT: 3.36 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: VN062151.D
 Acq: 26 Jun 2020 19:51

Tgt Ion: 74 Resp: 85326
 Ion Ratio Lower Upper
 74 100
 45 85.9 42.5 127.5

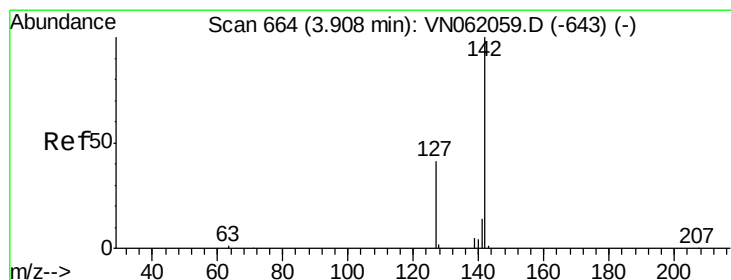
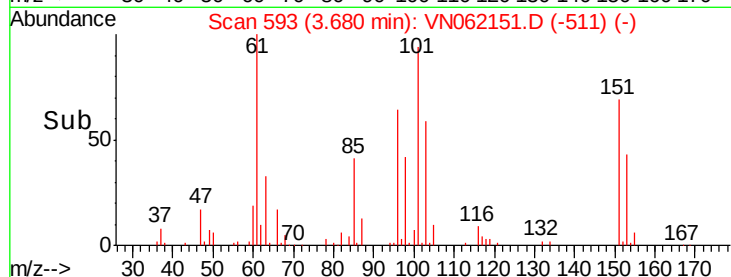
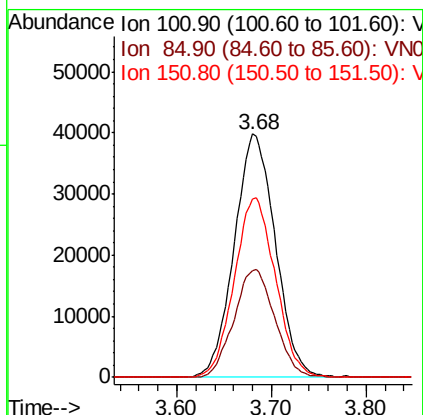
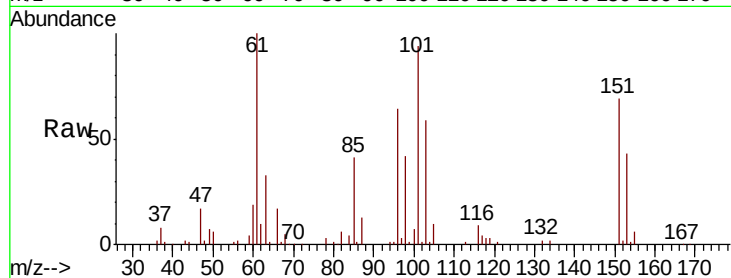




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.621 ug/l
 RT: 3.68 min Scan# 593
 Delta R.T. -0.04 min
 Lab File: VN062151.D
 Acq: 26 Jun 2020 19:51

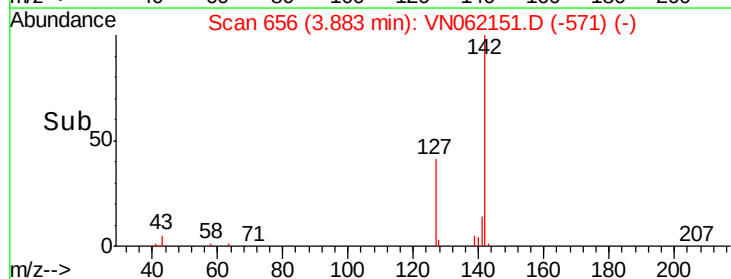
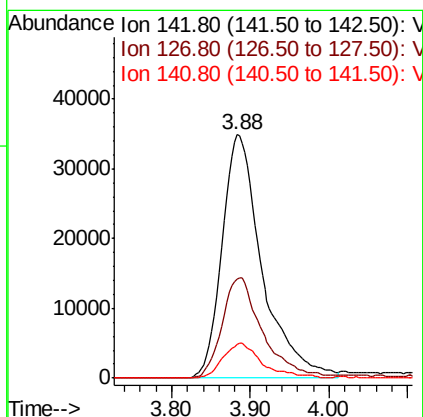
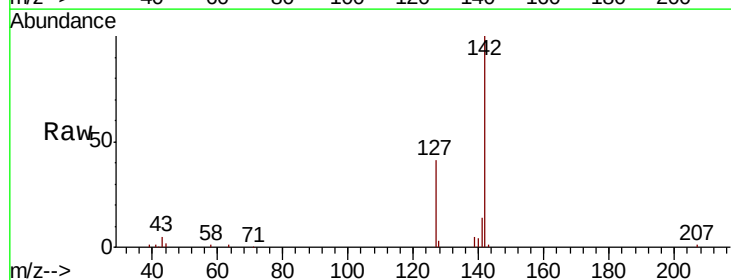
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MS

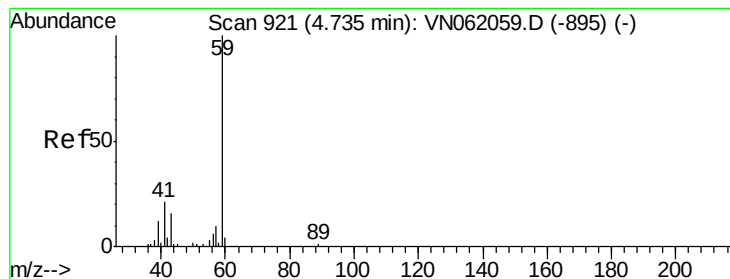
Tot Ion:101 Resp: 120193
 Ion Ratio Lower Upper
 101 100
 85 44.0 34.5 51.7
 151 73.6 57.8 86.8



#10
 Methyl Iodide
 Concen: 41.562 ug/l
 RT: 3.88 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: VN062151.D
 Acq: 26 Jun 2020 19:51

Tgt Ion:142 Resp: 123318
 Ion Ratio Lower Upper
 142 100
 127 41.7 33.6 50.4
 141 13.6 11.3 16.9





#11

Tert butyl alcohol

Concen: 9.849 ug/l

RT: 4.68 min Scan# 905

Delta R.T. -0.05 min

Lab File: VN062151.D

Acq: 26 Jun 2020 19:51

Instrument :

MSVOA_N

ClientSampleId :

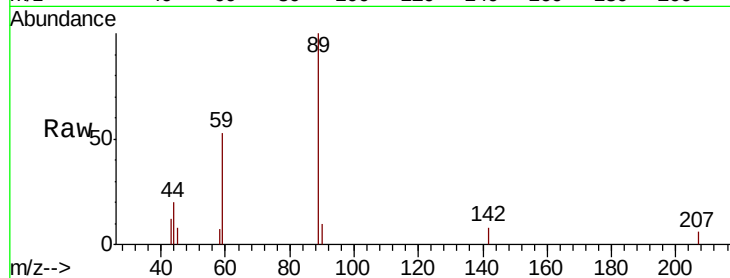
MW-27(16.5-18.5)MS

Tot Ion: 59 Resp: 4552

Ion Ratio Lower Upper

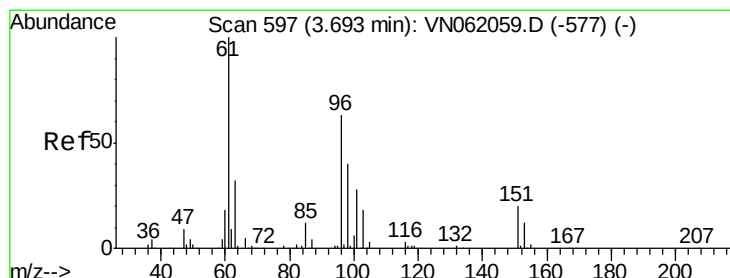
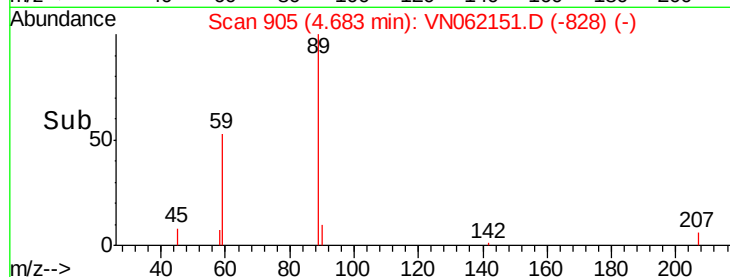
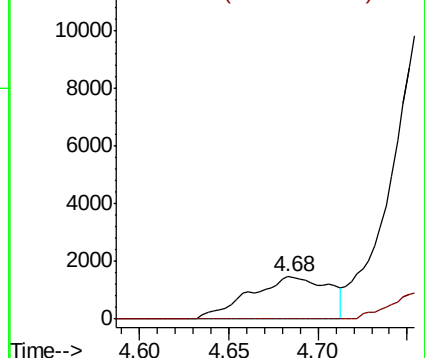
59 100

57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 46.334 ug/l

RT: 3.66 min Scan# 588

Delta R.T. -0.03 min

Lab File: VN062151.D

Acq: 26 Jun 2020 19:51

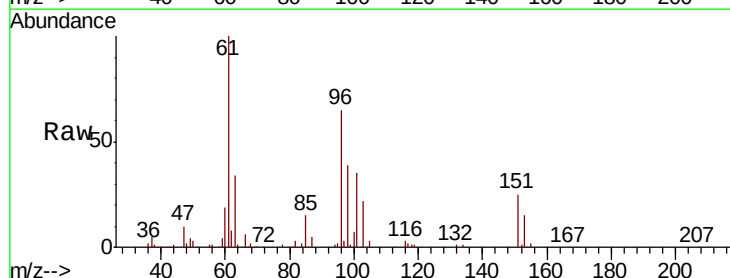
Tgt Ion: 96 Resp: 122035

Ion Ratio Lower Upper

96 100

61 155.0 126.7 190.1

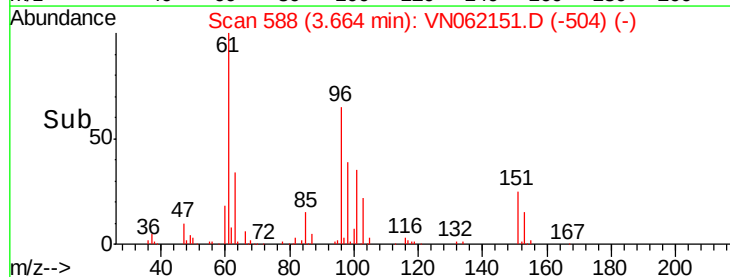
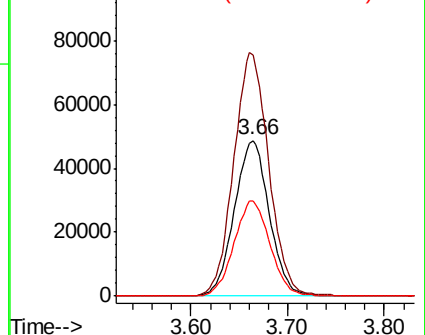
98 61.1 51.0 76.4

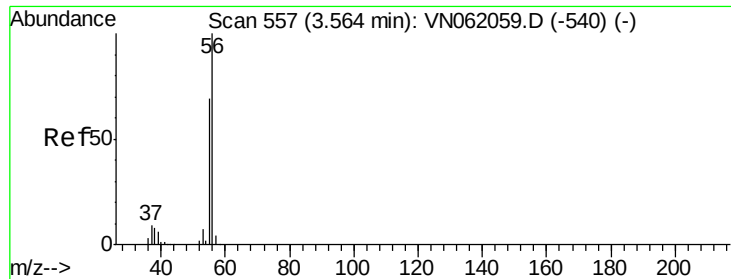


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 252.476 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.00 min

Lab File: VN062151.D

Acq: 26 Jun 2020 19:51

Instrument :

MSVOA_N

ClientSampleId :

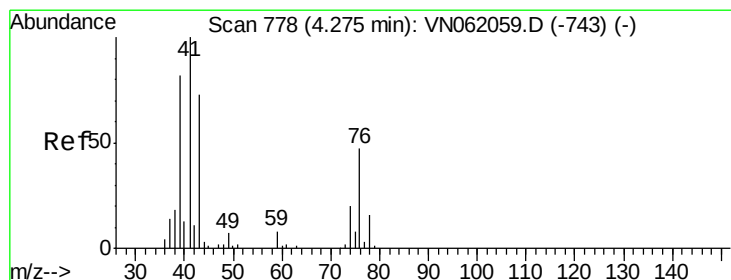
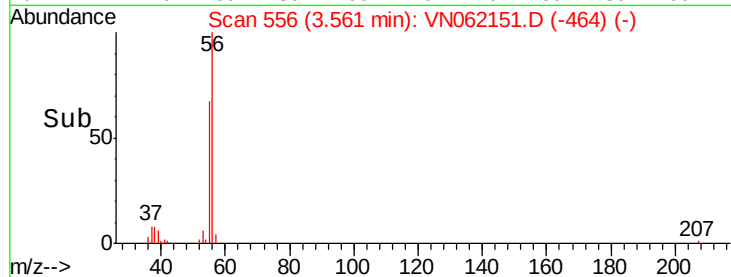
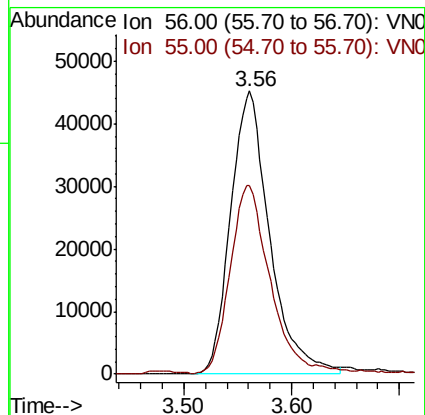
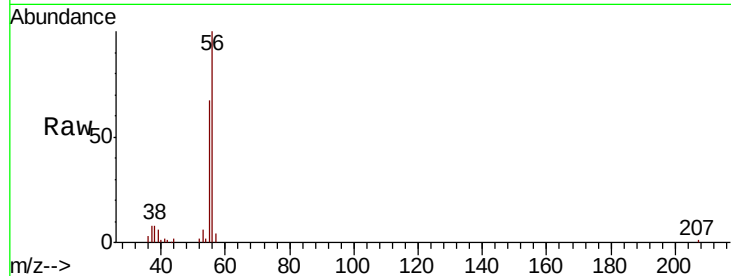
MW-27(16.5-18.5)MS

Tot Ion: 56 Resp: 114242

Ion Ratio Lower Upper

56 100

55 67.5 55.5 83.3



#14

Allyl chloride

Concen: 47.080 ug/l

RT: 4.26 min Scan# 772

Delta R.T. -0.02 min

Lab File: VN062151.D

Acq: 26 Jun 2020 19:51

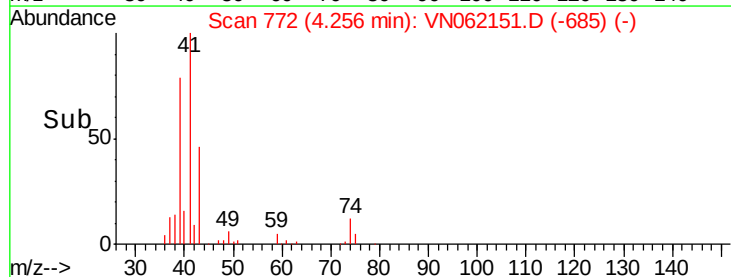
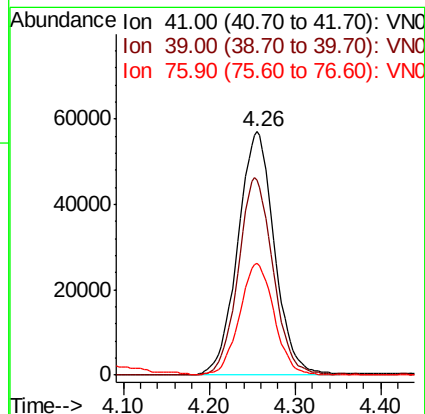
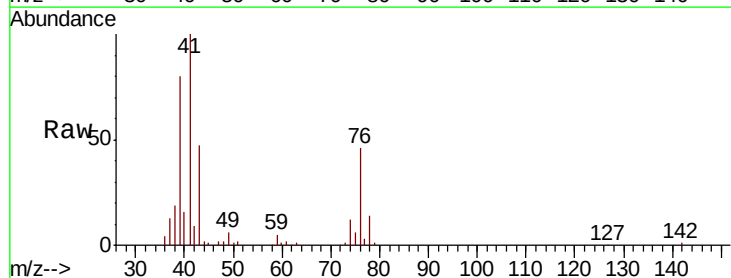
Tgt Ion: 41 Resp: 168823

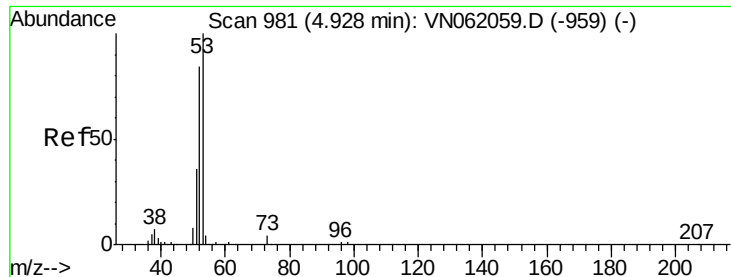
Ion Ratio Lower Upper

41 100

39 77.1 60.0 90.0

76 42.4 34.1 51.1





#15

Acrylonitrile

Concen: 240.183 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062151.D

Acq: 26 Jun 2020 19:51

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

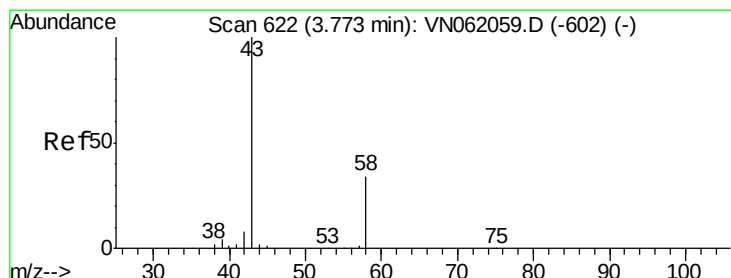
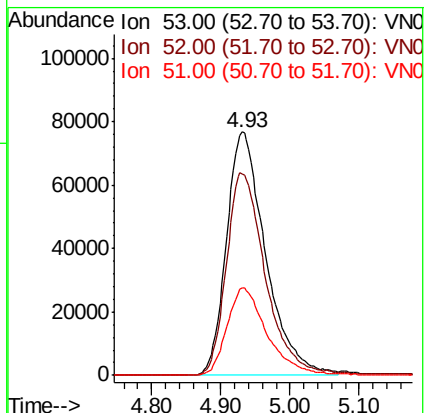
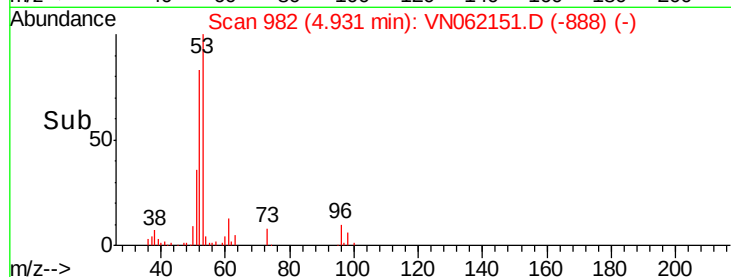
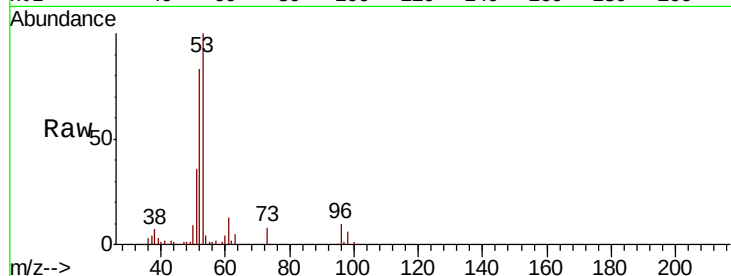
Tot Ion: 53 Resp: 302491

Ion Ratio Lower Upper

53 100

52 82.9 66.2 99.4

51 36.6 28.9 43.3



#16

Acetone

Concen: 236.218 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN062151.D

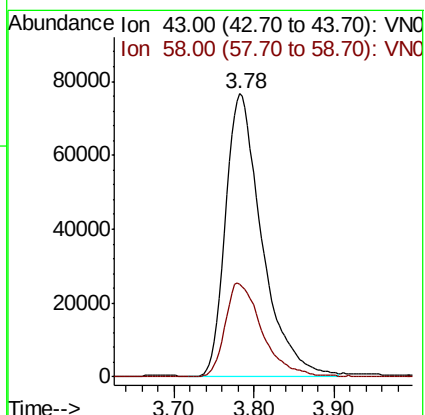
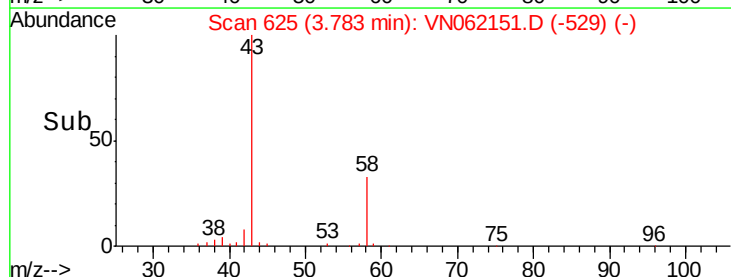
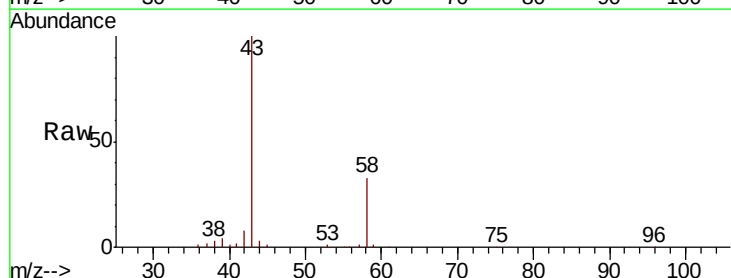
Acq: 26 Jun 2020 19:51

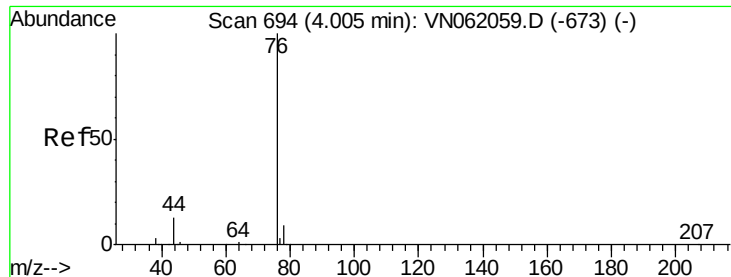
Tgt Ion: 43 Resp: 238894

Ion Ratio Lower Upper

43 100

58 32.8 27.5 41.3





#17

Carbon Disulfide

Concen: 44.502 ug/l

RT: 3.98 min Scan# 686

Delta R.T. -0.02 min

Lab File: VN062151.D

Acq: 26 Jun 2020 19:51

Instrument :

MSVOA_N

ClientSampleId :

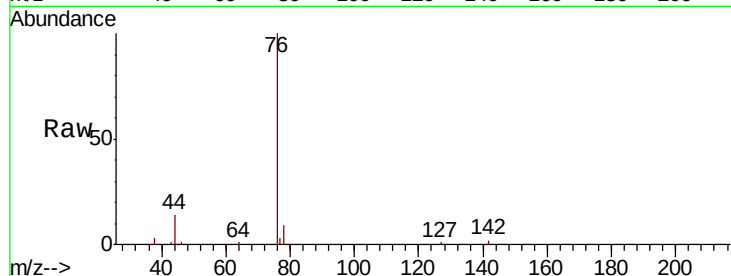
MW-27(16.5-18.5)MS

Tot Ion: 76 Resp: 335677

Ion Ratio Lower Upper

76 100

78 9.4 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN062059.D (-673) (-)

Ion 77.90 (77.60 to 78.60): VN062059.D (-673) (-)

3.98

120000

100000

80000

60000

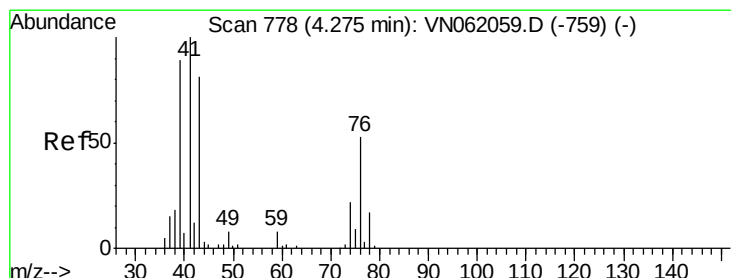
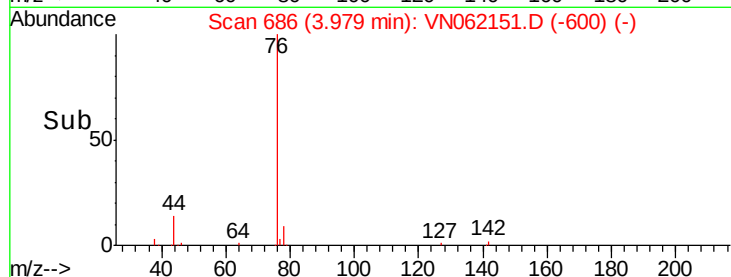
40000

20000

0

3.90 4.00 4.10

Time-->



#18

Methyl Acetate

Concen: 51.219 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062151.D

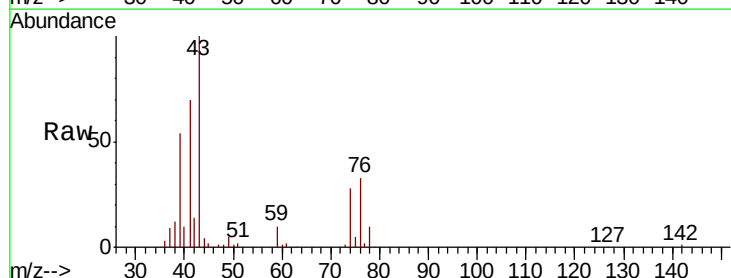
Acq: 26 Jun 2020 19:51

Tgt Ion: 43 Resp: 131060

Ion Ratio Lower Upper

43 100

74 27.8 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-759) (-)

Ion 74.00 (73.70 to 74.70): VN062059.D (-759) (-)

4.27

50000

40000

30000

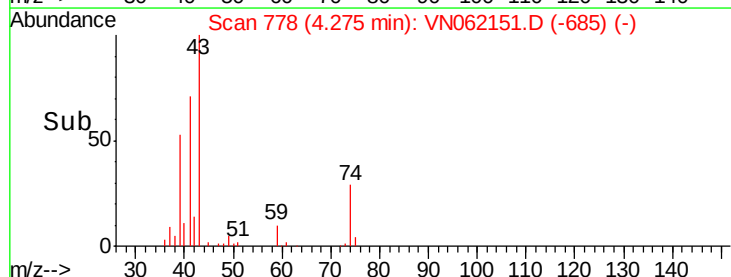
20000

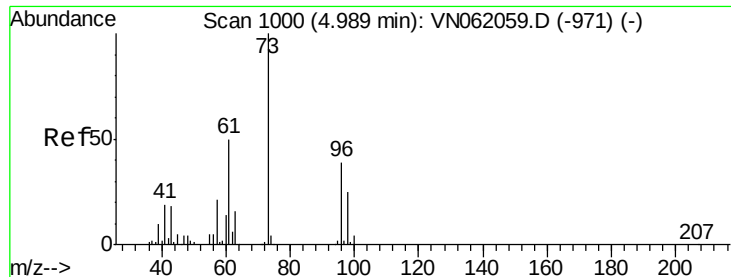
10000

0

4.20 4.30 4.40

Time-->

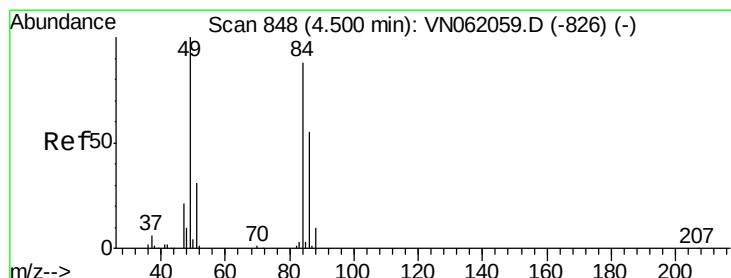
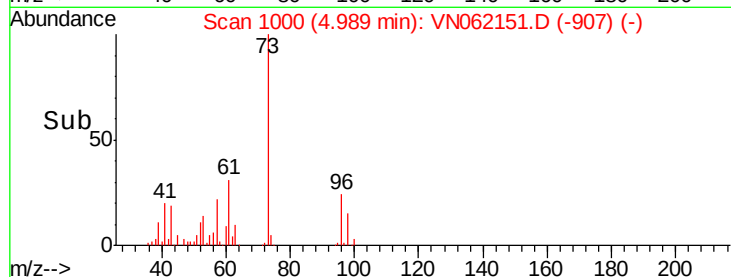
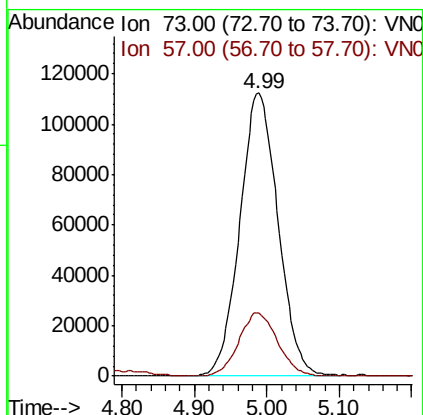
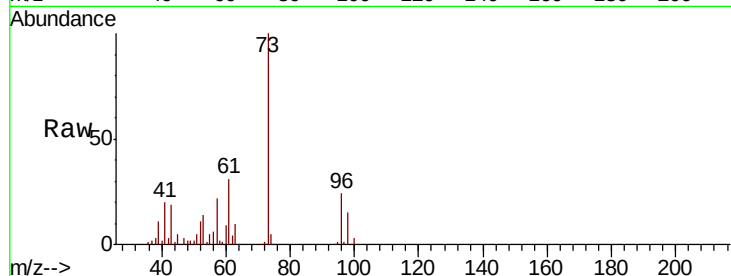




#19
Methvl tert-butvl Ether
Concen: 48.915 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062151.D
Acq: 26 Jun 2020 19:51

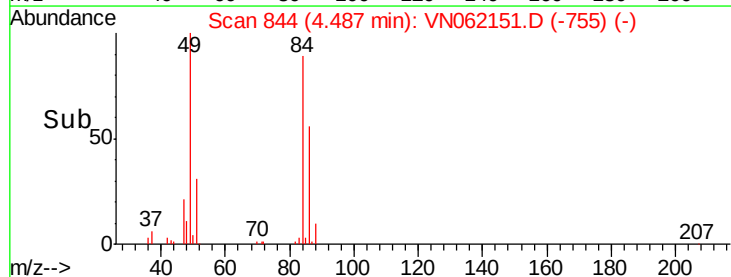
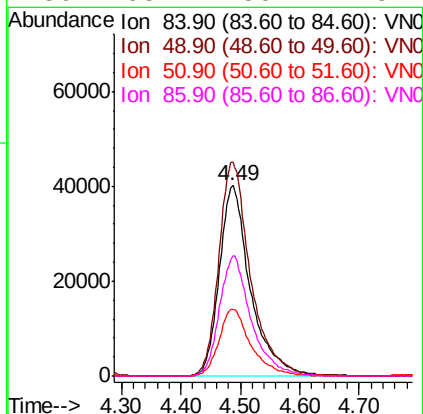
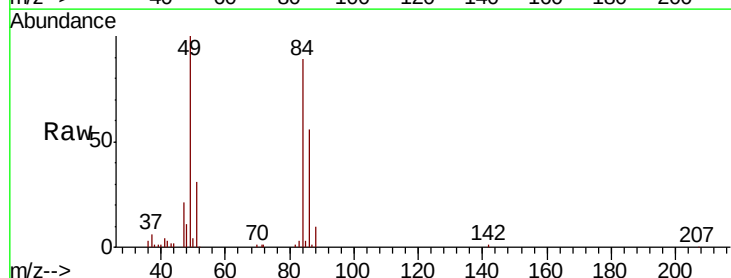
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

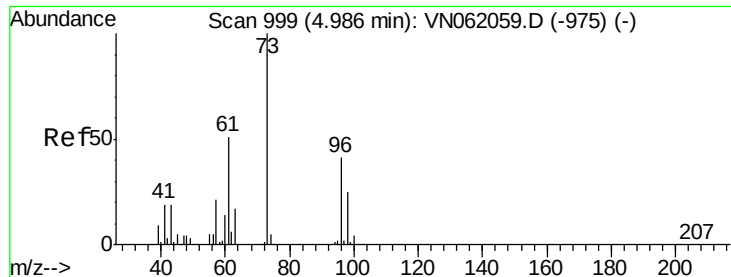
Tot Ion: 73 Resp: 411669
Ion Ratio Lower Upper
73 100
57 22.1 16.6 24.8



#20
Methylene Chloride
Concen: 49.278 ug/l
RT: 4.49 min Scan# 844
Delta R.T. -0.01 min
Lab File: VN062151.D
Acq: 26 Jun 2020 19:51

Tgt Ion: 84 Resp: 145622
Ion Ratio Lower Upper
84 100
49 112.2 90.6 136.0
51 35.3 27.8 41.8
86 63.4 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 44.539 ug/l

RT: 4.97 min Scan# 994

Delta R.T. -0.02 min

Lab File: VN062151.D

Acq: 26 Jun 2020 19:51

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

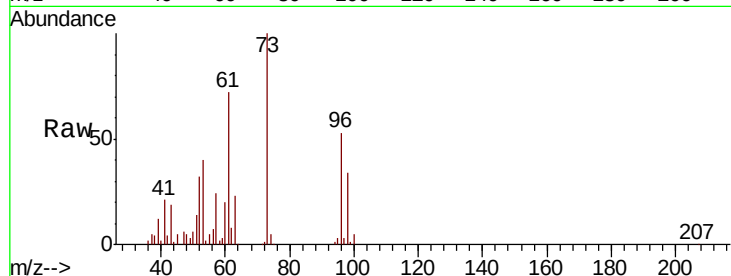
Tot Ion: 96 Resp: 133634

Ion Ratio Lower Upper

96 100

61 135.2 101.4 152.2

98 64.8 49.3 73.9

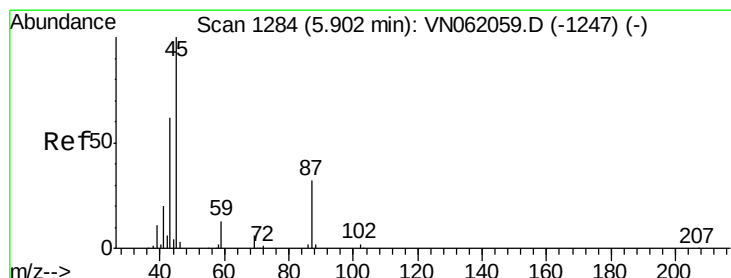
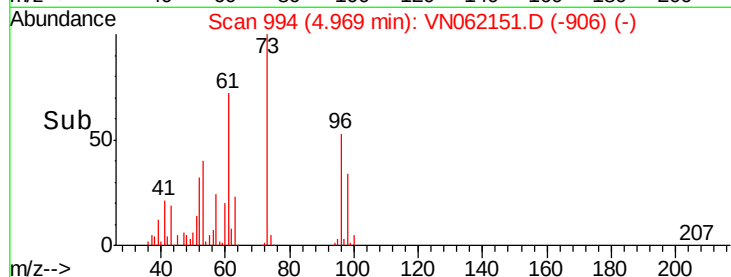
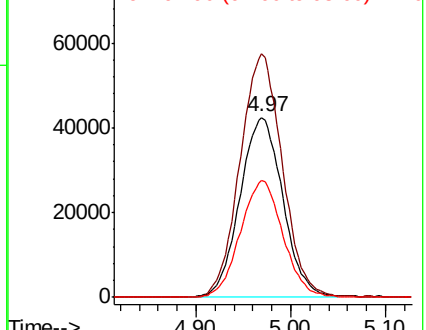


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 48.627 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN062151.D

Acq: 26 Jun 2020 19:51

Tgt Ion: 45 Resp: 397021

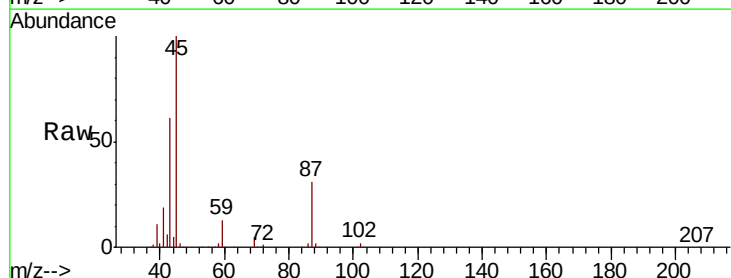
Ion Ratio Lower Upper

45 100

43 59.3 49.7 74.5

87 31.1 25.9 38.9

59 12.4 10.6 16.0



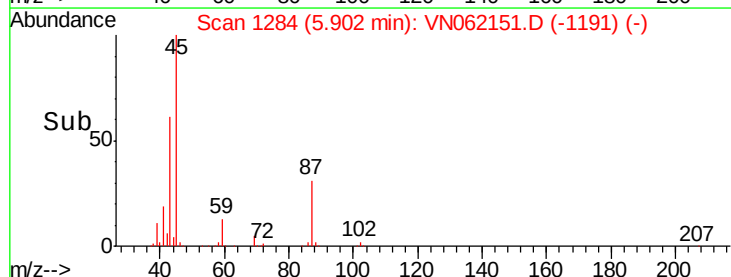
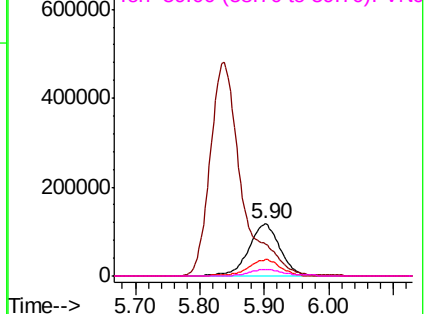
Abundance

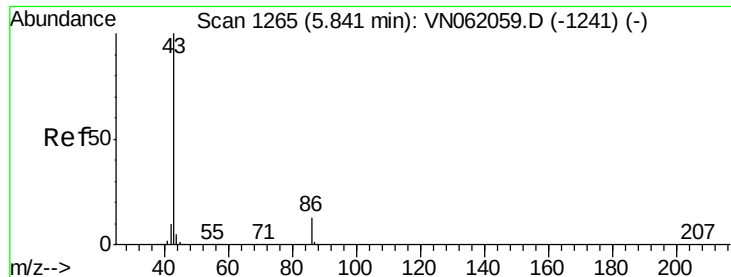
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 244.772 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VN062151.D

Acq: 26 Jun 2020 19:51

Instrument :

MSVOA_N

ClientSampleId :

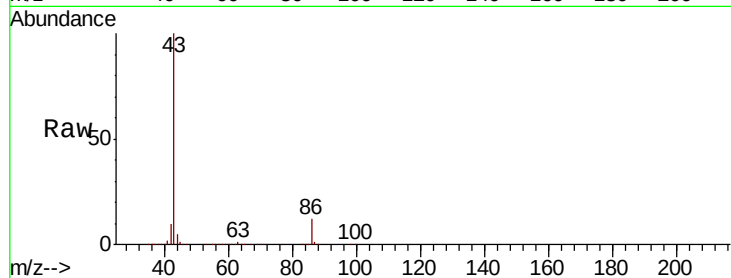
MW-27(16.5-18.5)MS

Tot Ion: 43 Resp: 1631651

Ion Ratio Lower Upper

43 100

86 12.4 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN062151.D (-1172) (-)

Ion 86.00 (85.70 to 86.70): VN062151.D (-1172) (-)

5.84

500000

400000

300000

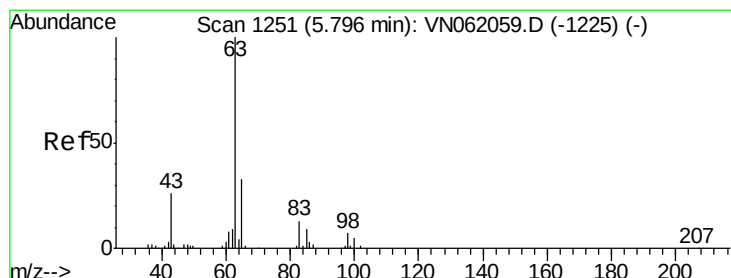
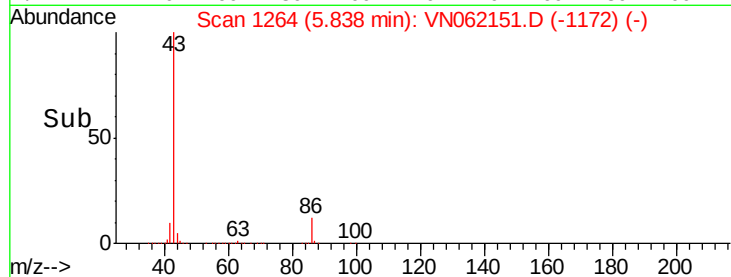
200000

100000

0

5.80 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 46.470 ug/l

RT: 5.78 min Scan# 1247

Delta R.T. -0.01 min

Lab File: VN062151.D

Acq: 26 Jun 2020 19:51

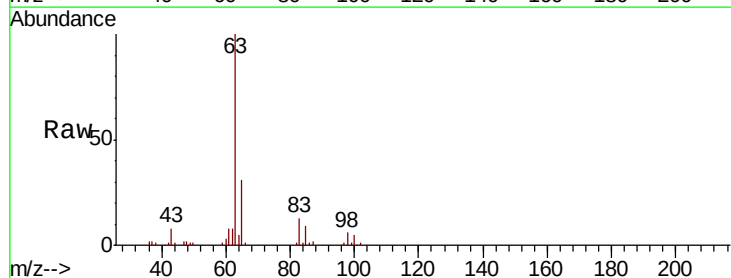
Tgt Ion: 63 Resp: 244322

Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.9

100 4.5 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062151.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062151.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062151.D (-1158) (-)

100000

80000

60000

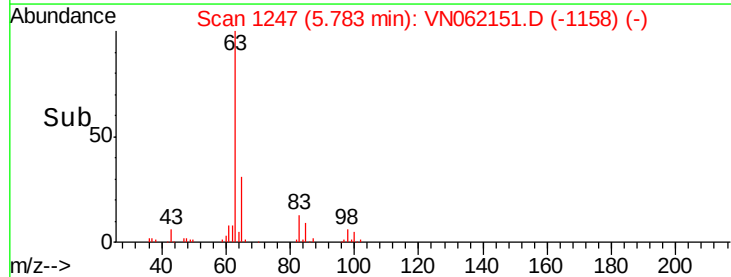
40000

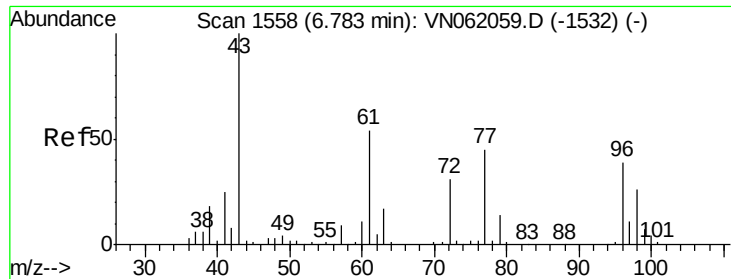
20000

0

5.70 5.80 5.90

Time-->

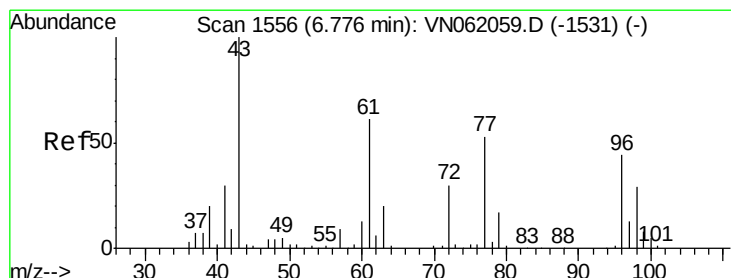
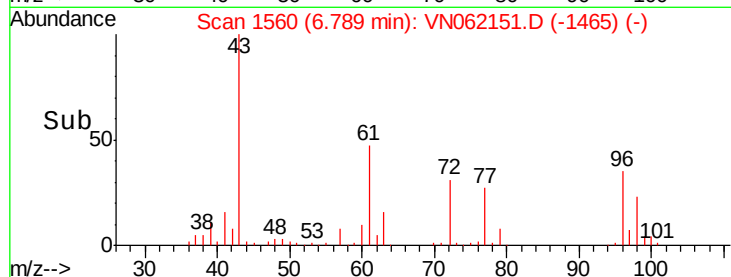
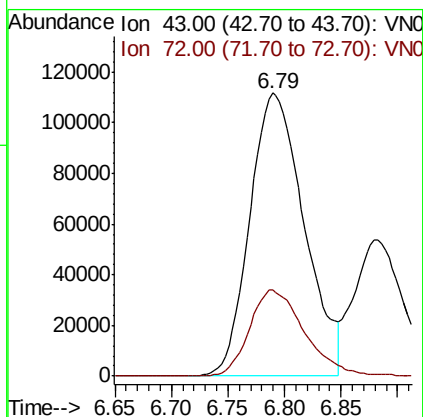
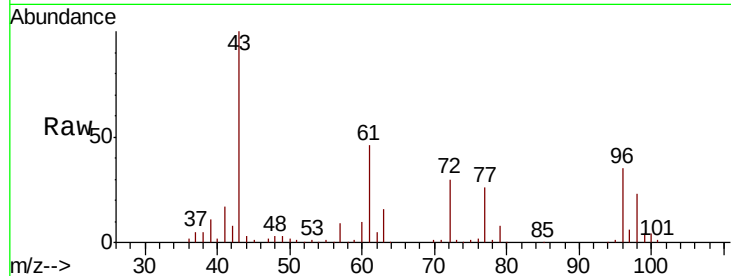




#25
2-Butanone
Concen: 236.472 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.01 min
Lab File: VN062151.D
Acq: 26 Jun 2020 19:51

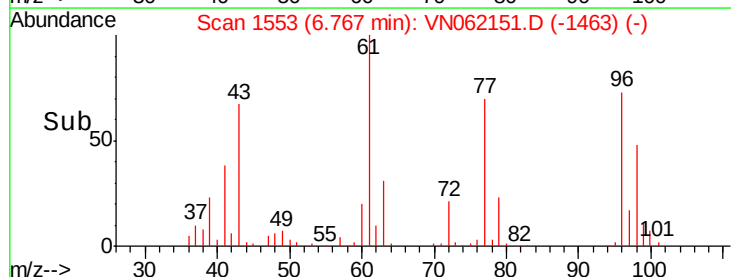
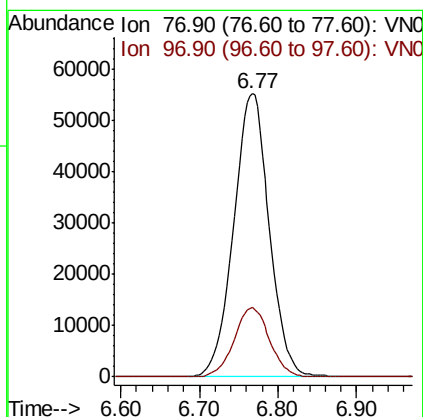
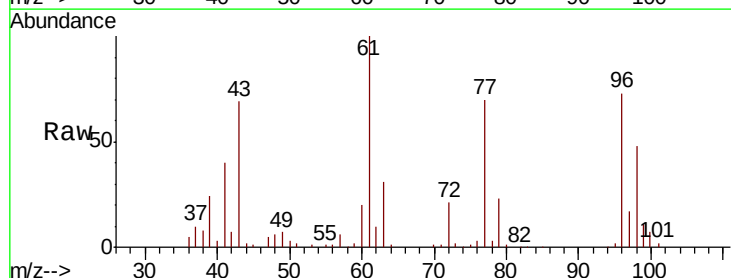
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

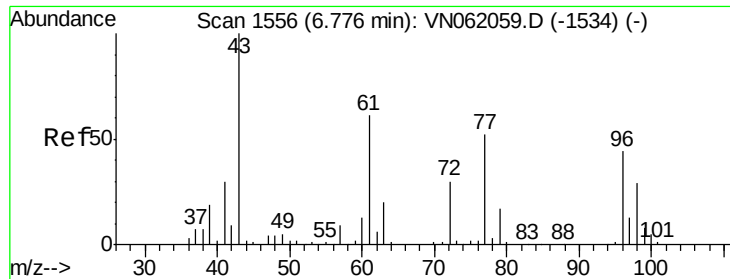
Tot Ion: 43 Resp: 372057
Ion Ratio Lower Upper
43 100
72 30.5 24.8 37.2



#26
2,2-Dichloropropane
Concen: 39.856 ug/l
RT: 6.77 min Scan# 1553
Delta R.T. -0.01 min
Lab File: VN062151.D
Acq: 26 Jun 2020 19:51

Tgt Ion: 77 Resp: 174616
Ion Ratio Lower Upper
77 100
97 24.2 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 51.586 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.01 min

Lab File: VN062151.D

Acq: 26 Jun 2020 19:51

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

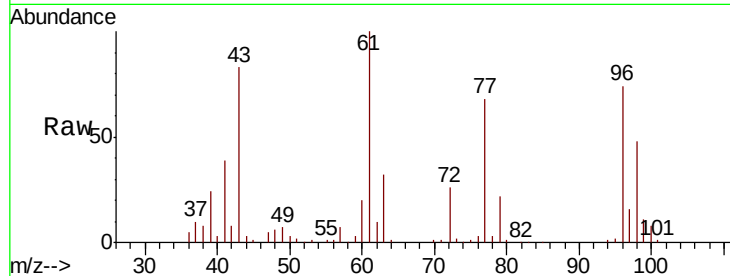
Tot Ion: 96 Resp: 174166

Ion Ratio Lower Upper

96 100

61 136.3 0.0 280.4

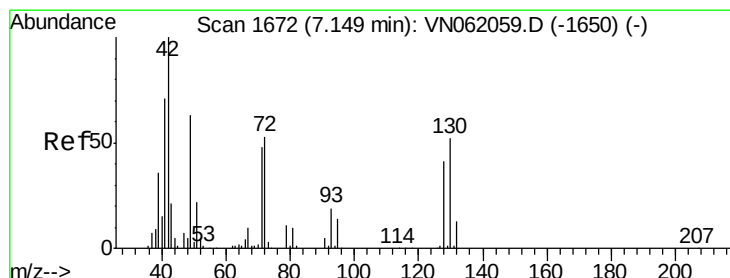
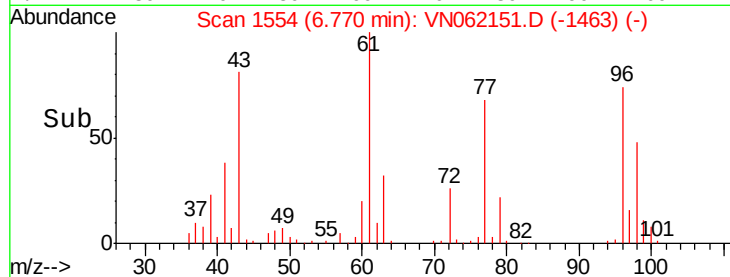
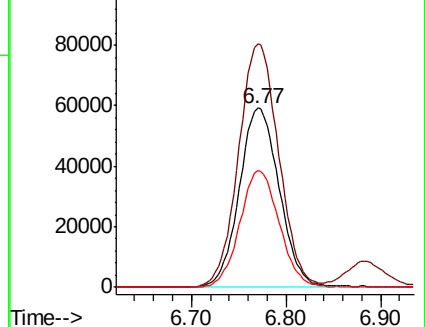
98 64.1 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062151.D (-1463) (-)

Ion 60.90 (60.60 to 61.60): VN062151.D (-1463) (-)

Ion 97.90 (97.60 to 98.60): VN062151.D (-1463) (-)



#28

Bromochloromethane

Concen: 46.083 ug/l

RT: 7.14 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VN062151.D

Acq: 26 Jun 2020 19:51

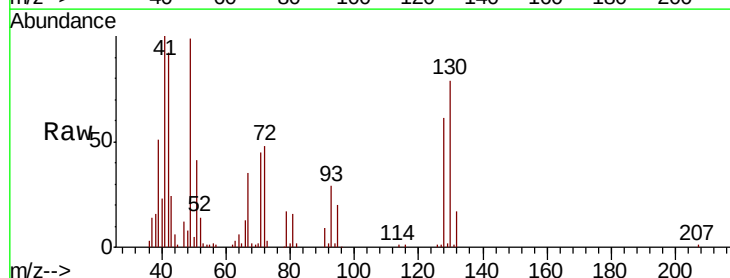
Tgt Ion: 49 Resp: 105123

Ion Ratio Lower Upper

49 100

129 1.0 0.0 4.4

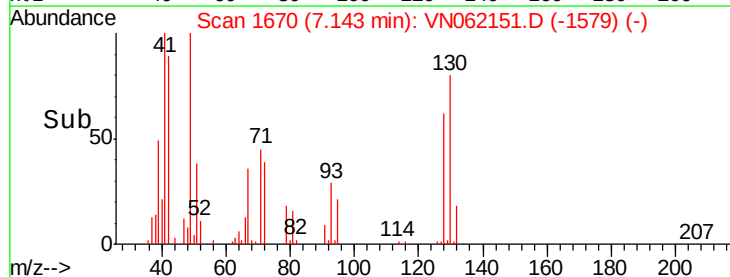
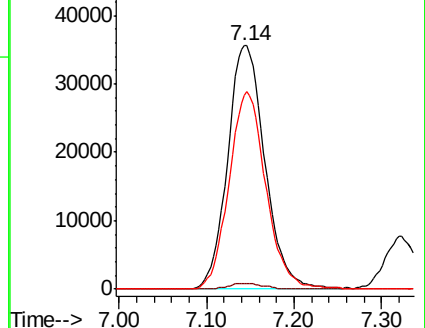
130 80.1 65.5 98.3

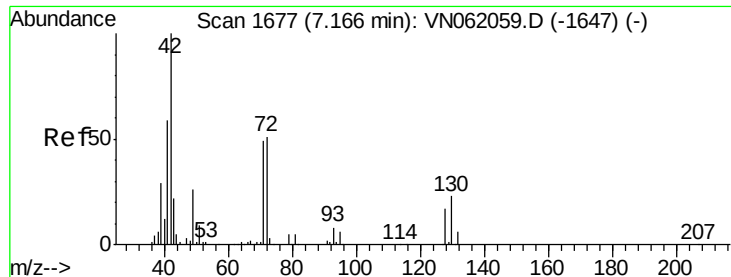


Abundance Ion 48.90 (48.60 to 49.60): VN062151.D (-1579) (-)

Ion 128.80 (128.50 to 129.50): VN062151.D (-1579) (-)

Ion 129.80 (129.50 to 130.50): VN062151.D (-1579) (-)

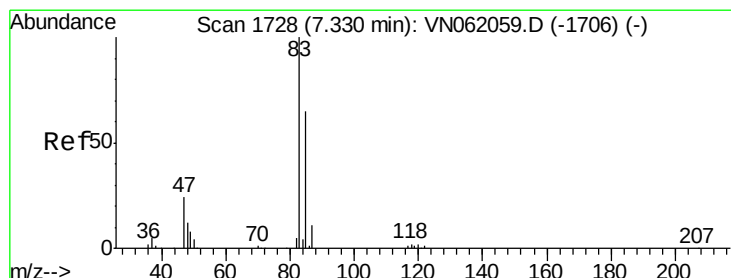
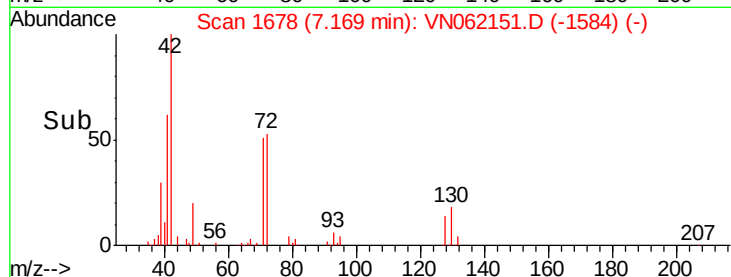
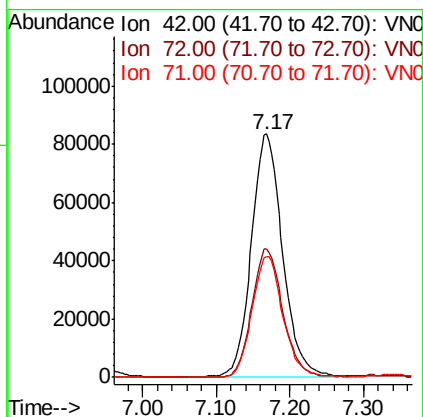
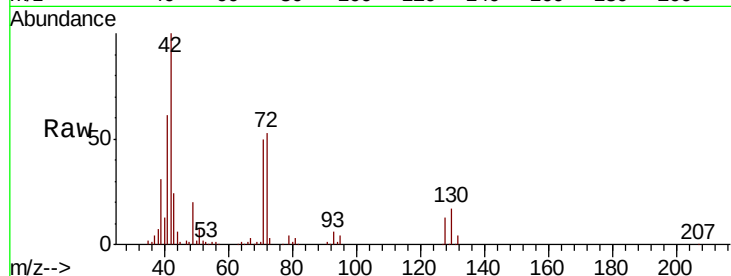




#29
Tetrahydrofuran
Concen: 240.039 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062151.D
Acq: 26 Jun 2020 19:51

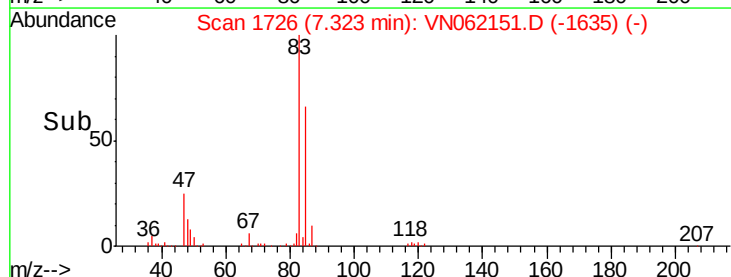
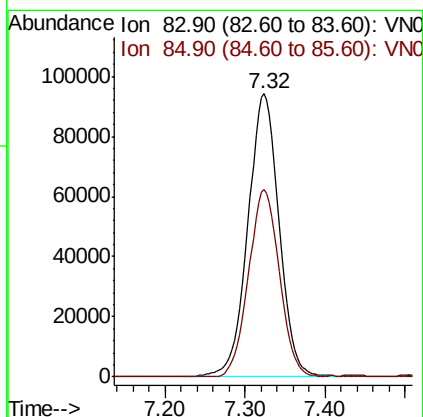
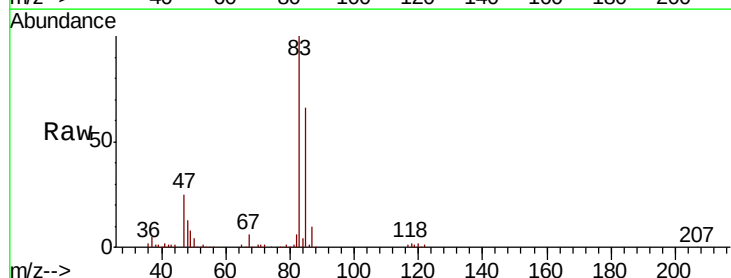
Instrument :
MSVOA_N
ClientSampled :
MW-27(16.5-18.5)MS

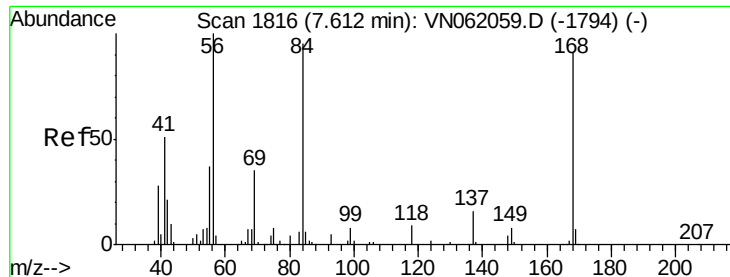
Tot Ion: 42 Resp: 247391
Ion Ratio Lower Upper
42 100
72 51.9 41.1 61.7
71 49.0 38.2 57.4



#30
Chloroform
Concen: 46.888 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN062151.D
Acq: 26 Jun 2020 19:51

Tgt Ion: 83 Resp: 250815
Ion Ratio Lower Upper
83 100
85 66.1 52.3 78.5

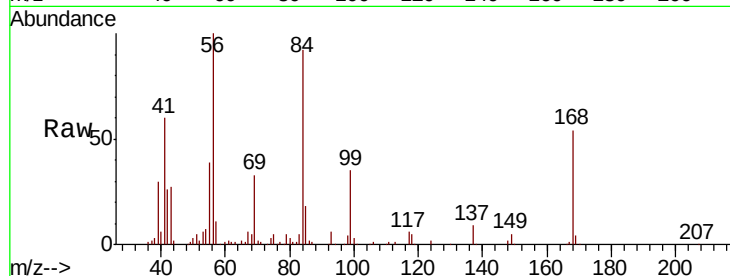




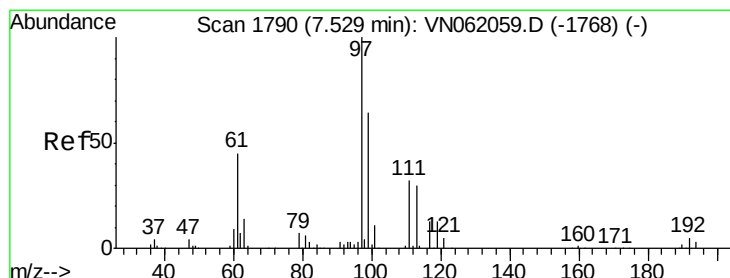
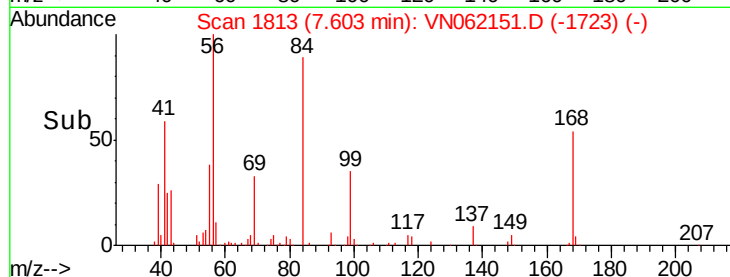
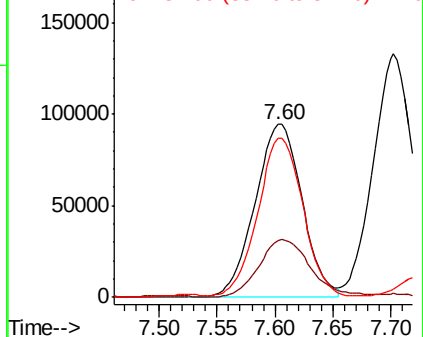
#31
Cyclohexane
Concen: 60.078 ug/l
RT: 7.60 min Scan# 1813
Delta R.T. -0.01 min
Lab File: VN062151.D
Acq: 26 Jun 2020 19:51

Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion: 56 Resp: 267183
Ion Ratio Lower Upper
56 100
69 32.4 28.0 42.0
84 90.5 76.1 114.1

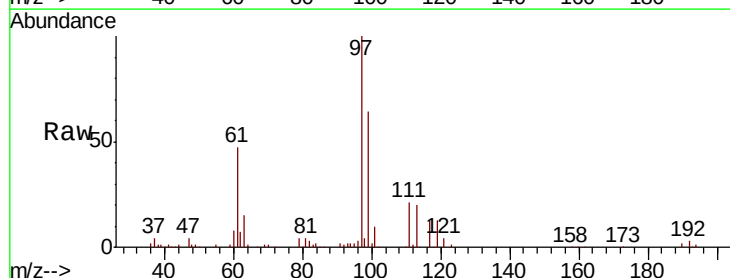


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

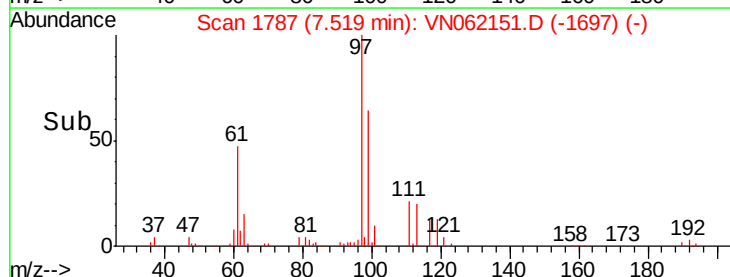
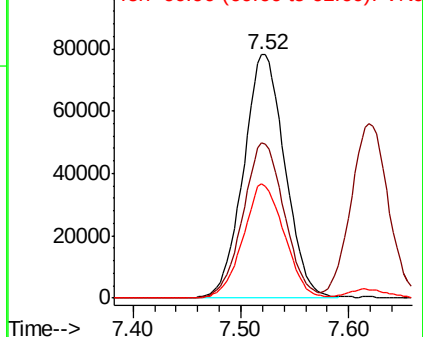


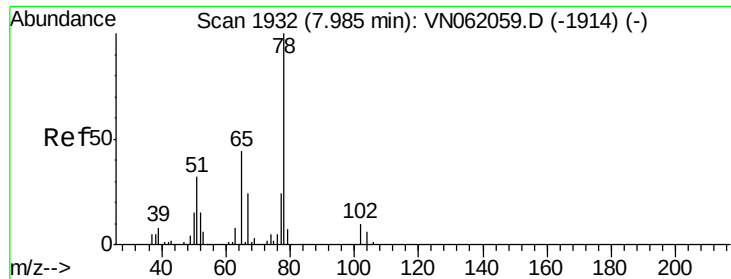
#32
1,1,1-Trichloroethane
Concen: 46.242 ug/l
RT: 7.52 min Scan# 1787
Delta R.T. -0.01 min
Lab File: VN062151.D
Acq: 26 Jun 2020 19:51

Tgt Ion: 97 Resp: 208601
Ion Ratio Lower Upper
97 100
99 63.6 51.0 76.4
61 46.6 36.2 54.2



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

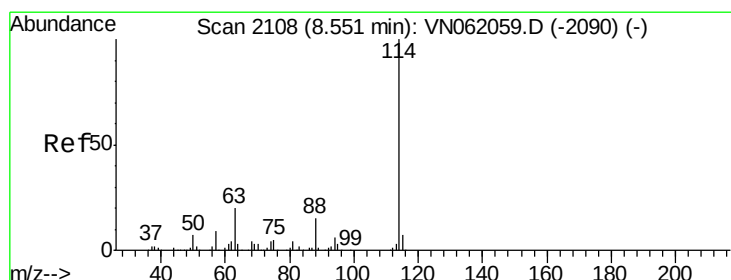
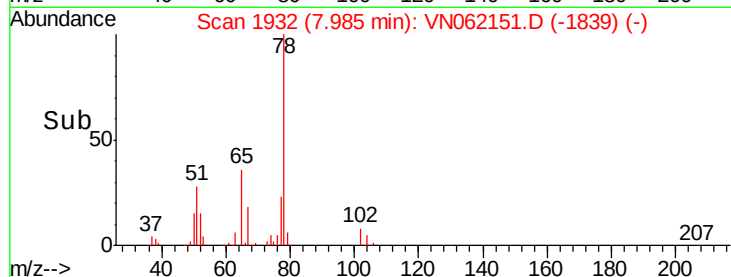
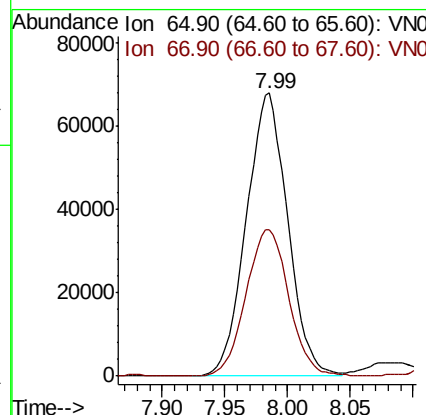
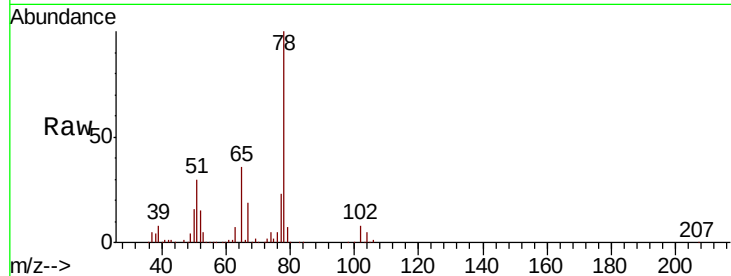




#33
 1,2-Dichloroethane-d4
 Concen: 48.578 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VN062151.D
 Acq: 26 Jun 2020 19:51

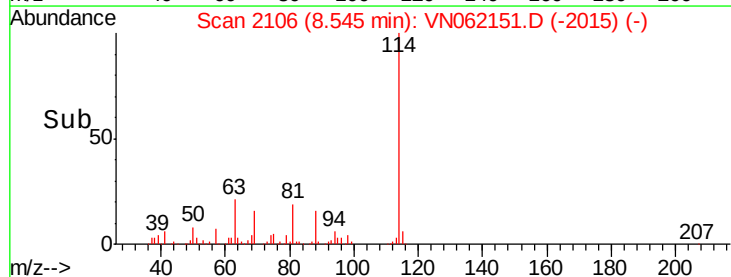
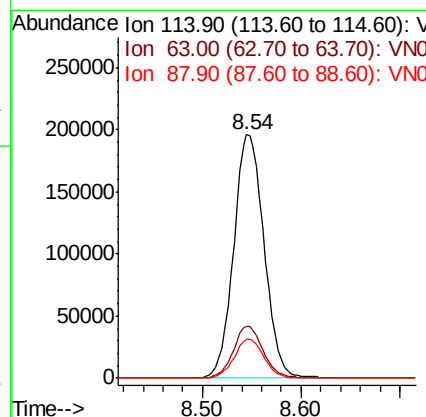
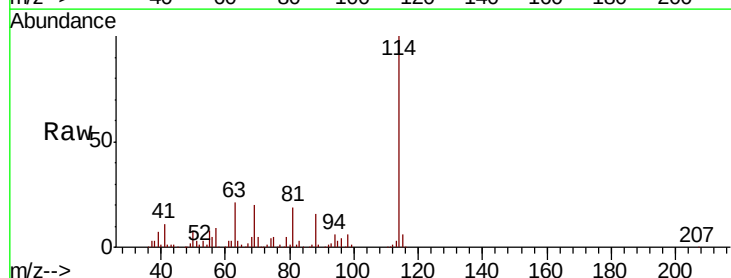
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MS

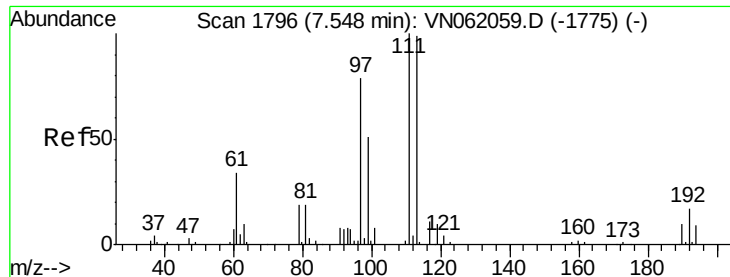
Tot Ion: 65 Resp: 156369
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.54 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: VN062151.D
 Acq: 26 Jun 2020 19:51

Tgt Ion: 114 Resp: 419792
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 39.2
 88 15.9 0.0 30.8

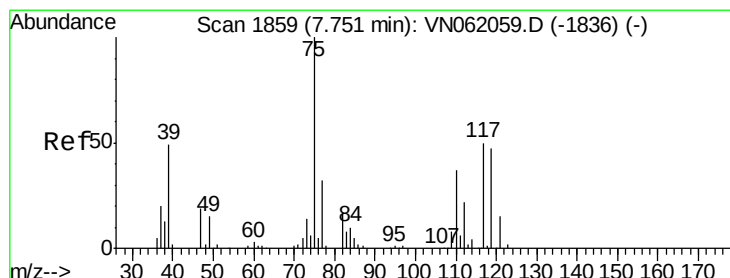
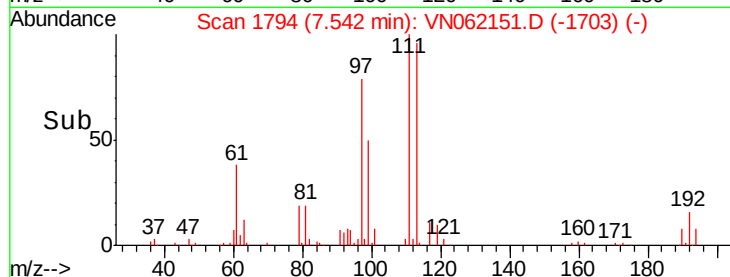
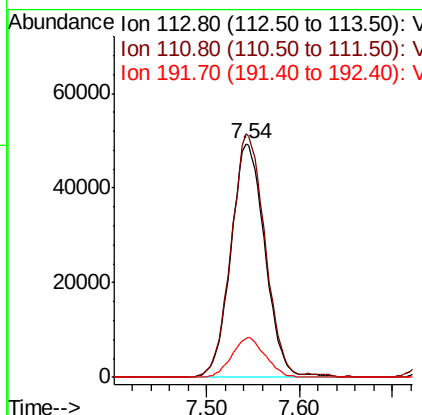
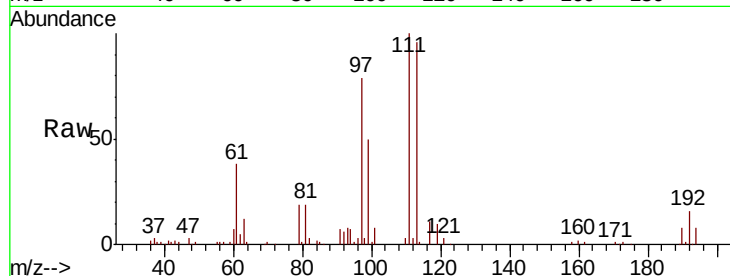




#35
 Dibromofluoromethane
 Concen: 46.596 ug/l
 RT: 7.54 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VN062151.D
 Acq: 26 Jun 2020 19:51

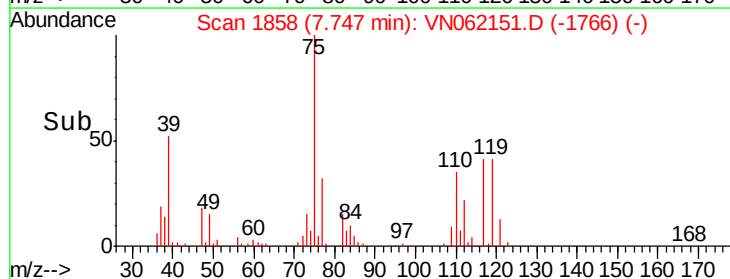
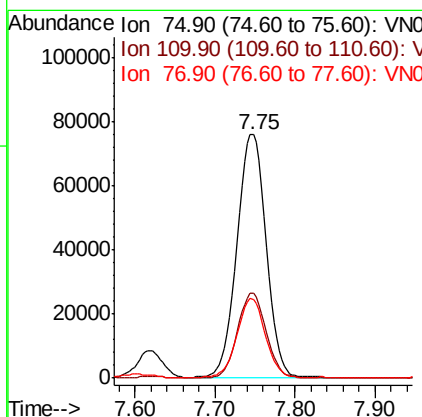
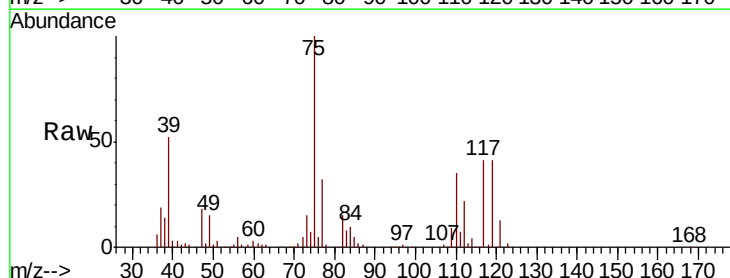
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MS

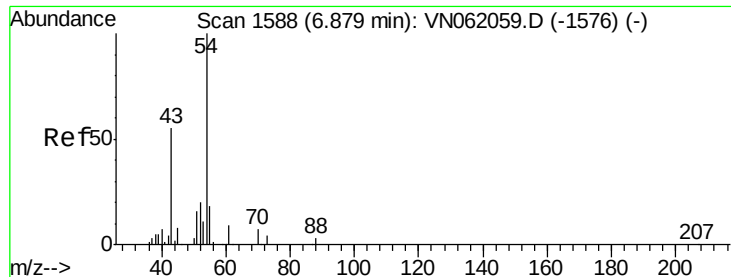
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.2	123.4
192	16.7	14.0	21.0



#36
 1,1-Dichloropropene
 Concen: 44.281 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062151.D
 Acq: 26 Jun 2020 19:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.2	17.9	53.8
77	32.1	24.9	37.3

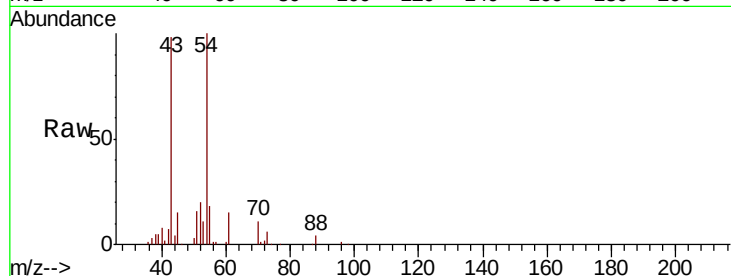




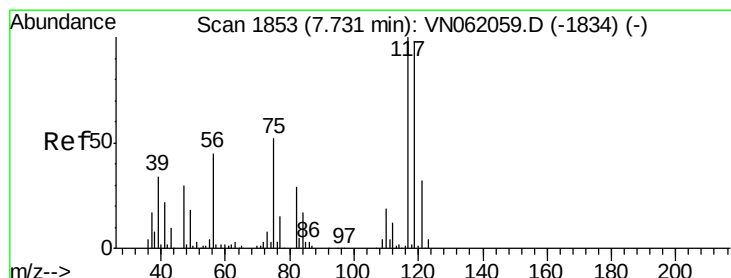
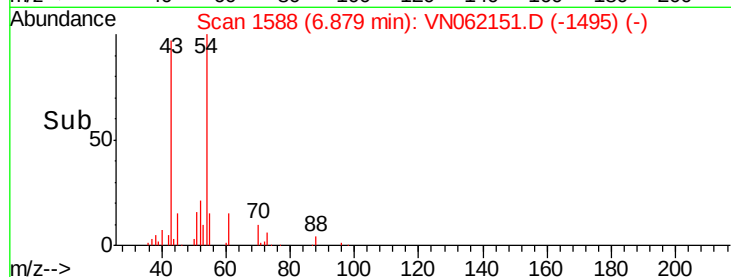
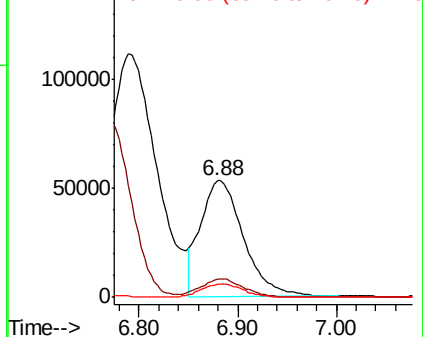
#37
Ethyl Acetate
Concen: 46.017 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062151.D
Acq: 26 Jun 2020 19:51

Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion: 43 Resp: 160784
Ion Ratio Lower Upper
43 100
61 15.7 12.0 18.0
70 11.3 9.6 14.4

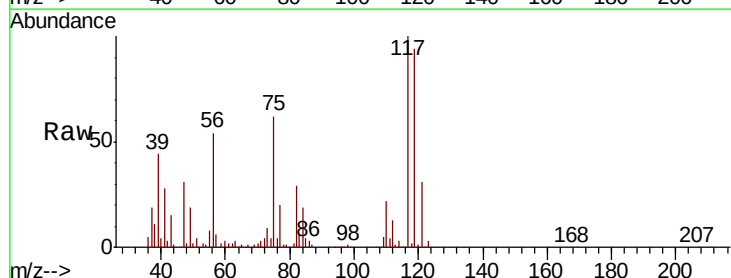


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

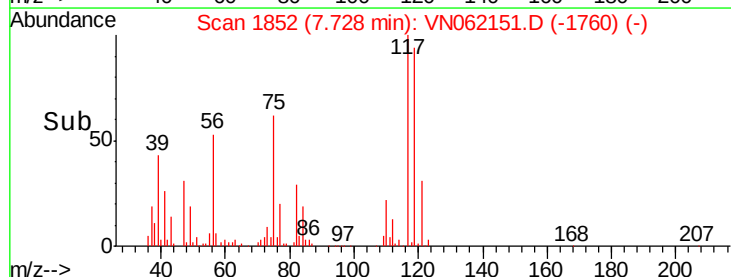
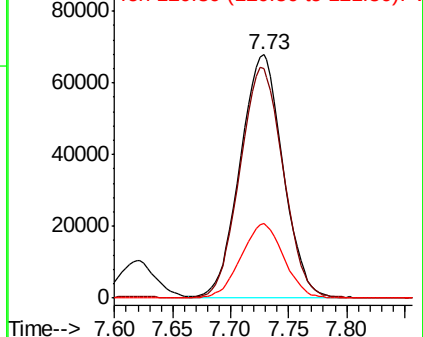


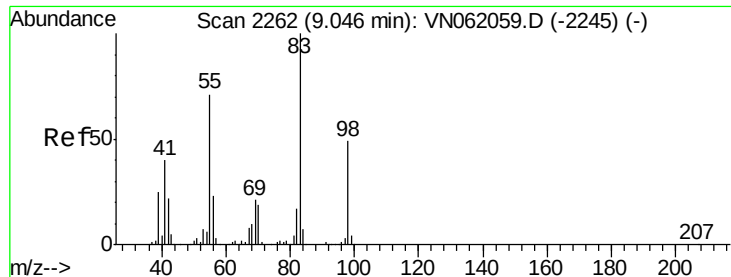
#38
Carbon Tetrachloride
Concen: 43.580 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VN062151.D
Acq: 26 Jun 2020 19:51

Tgt Ion: 117 Resp: 173364
Ion Ratio Lower Upper
117 100
119 94.5 78.2 117.2
121 30.8 25.8 38.6



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

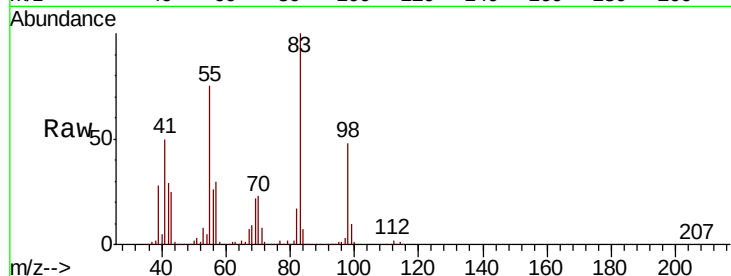




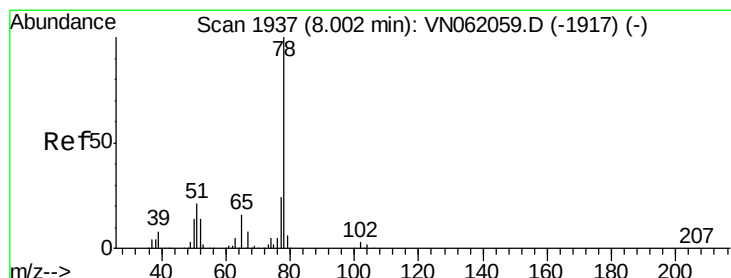
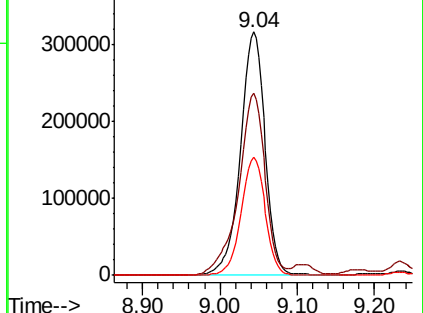
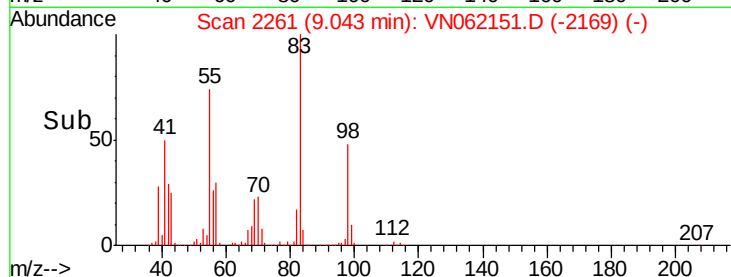
#39
Methylvlcyclohexane
Concen: 152.084 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062151.D
Acq: 26 Jun 2020 19:51

Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion: 83 Resp: 703126
Ion Ratio Lower Upper
83 100
55 74.5 57.0 85.6
98 48.4 39.0 58.6

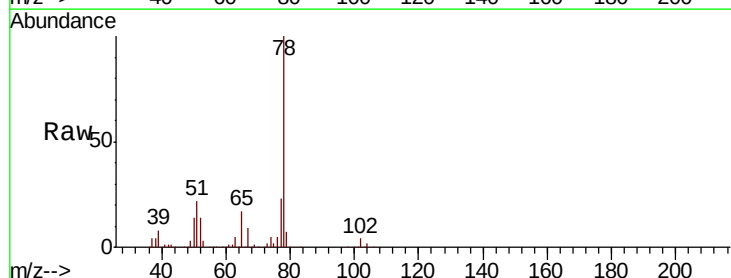


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

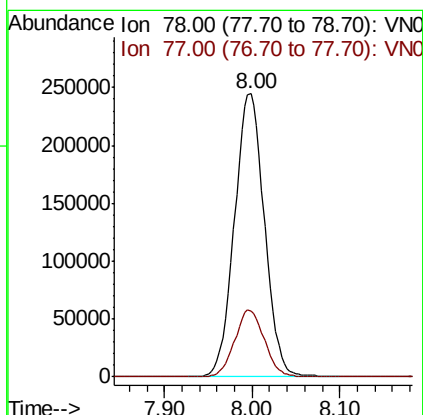
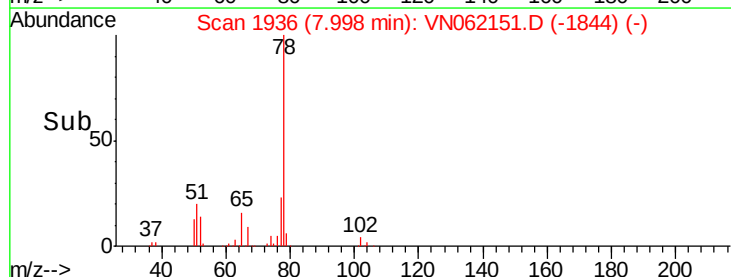


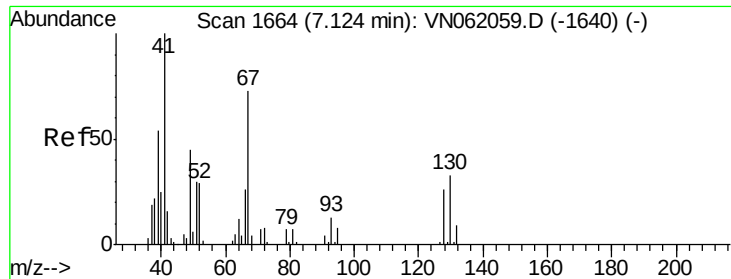
#40
Benzene
Concen: 45.275 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062151.D
Acq: 26 Jun 2020 19:51

Tgt Ion: 78 Resp: 582276
Ion Ratio Lower Upper
78 100
77 23.4 19.5 29.3



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

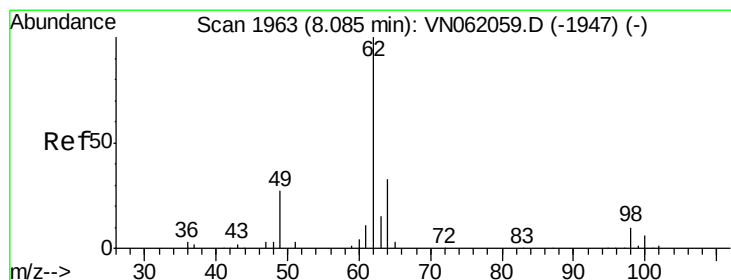
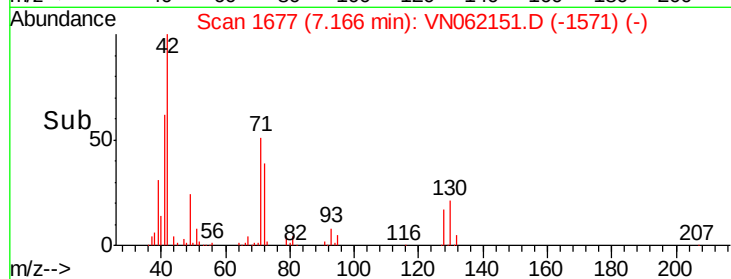
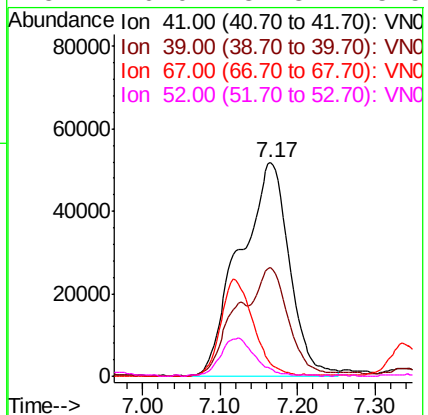
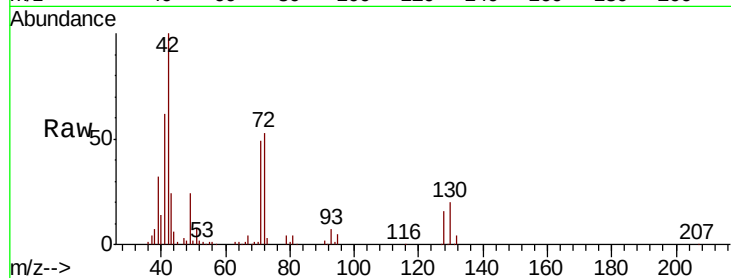




#41
Methacrylonitrile
Concen: 143.096 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN062151.D
Acq: 26 Jun 2020 19:51

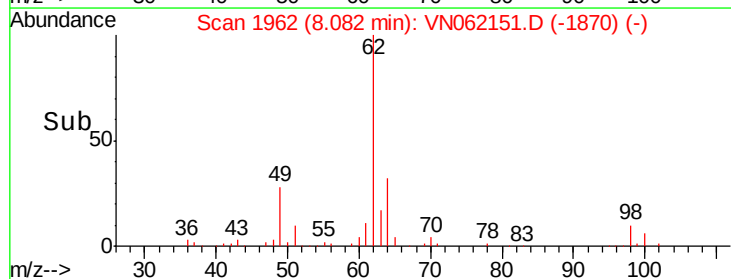
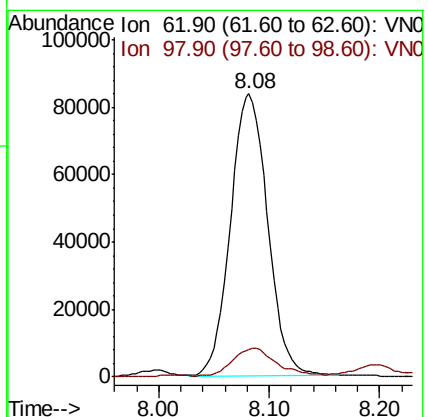
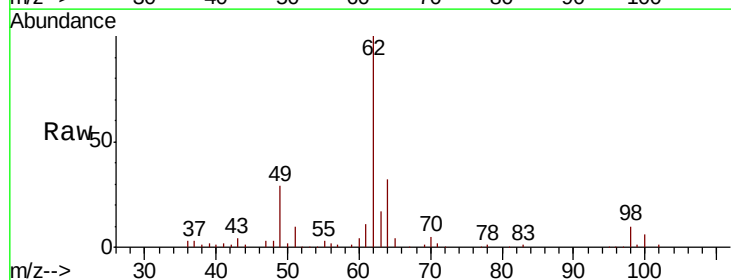
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

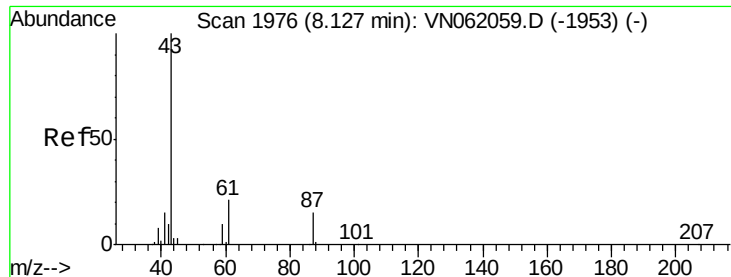
Tot Ion: 41 Resp: 231793
Ion Ratio Lower Upper
41 100
39 0.0 44.2 66.2#
67 0.0 79.5 119.3#
52 0.0 32.3 48.5#



#42
1,2-Dichloroethane
Concen: 45.062 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062151.D
Acq: 26 Jun 2020 19:51

Tgt Ion: 62 Resp: 195805
Ion Ratio Lower Upper
62 100
98 12.0 0.0 19.8





#43

Isopropyl Acetate

Concen: 65.663 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062151.D

Acq: 26 Jun 2020 19:51

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

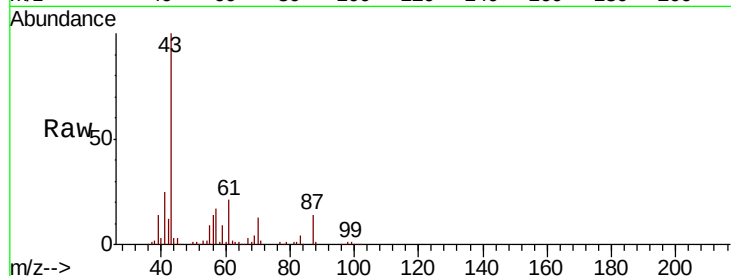
Tot Ion: 43 Resp: 374001

Ion Ratio Lower Upper

43 100

61 15.8 17.2 25.8#

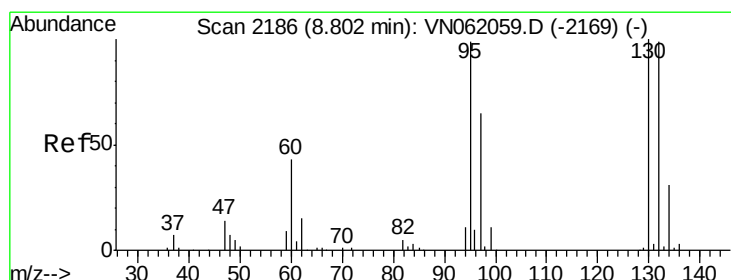
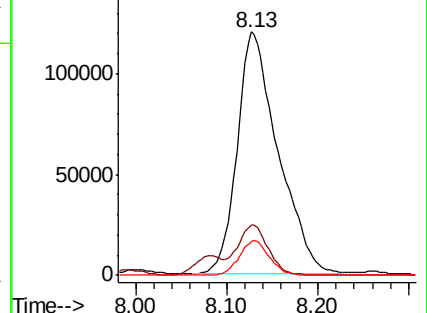
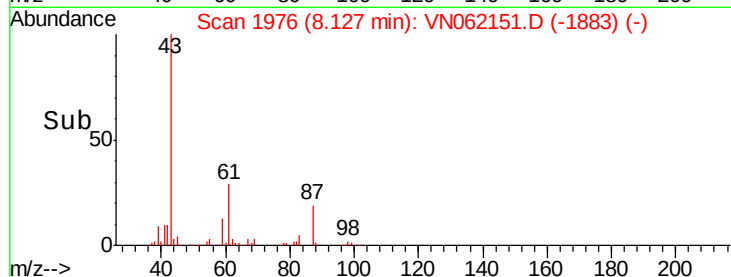
87 10.5 12.1 18.1#



Abundance Ion 43.00 (42.70 to 43.70): VN062151.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062151.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062151.D (-1953) (-)



#44

Trichloroethene

Concen: 47.437 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN062151.D

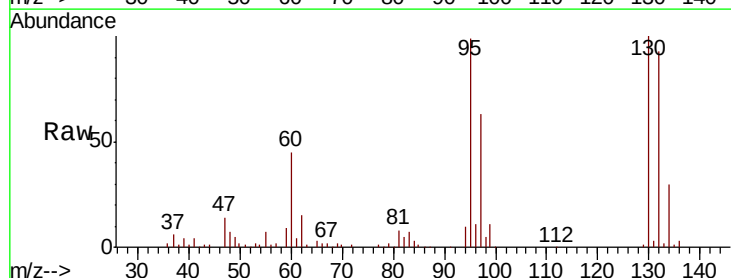
Acq: 26 Jun 2020 19:51

Tgt Ion:130 Resp: 153897

Ion Ratio Lower Upper

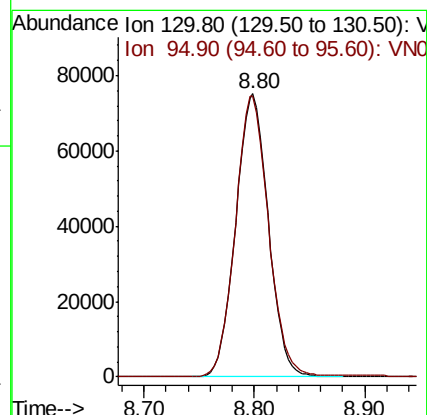
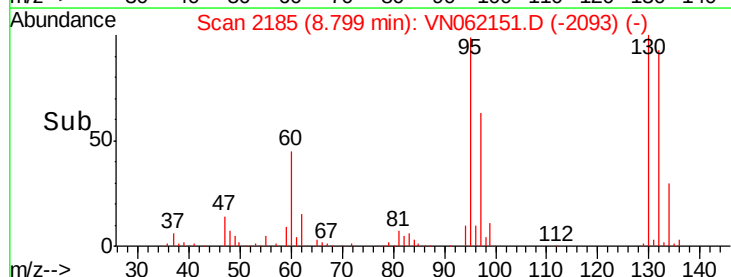
130 100

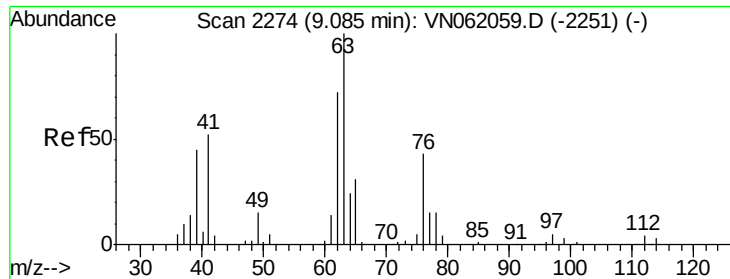
95 99.4 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062151.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN062151.D (-2169) (-)

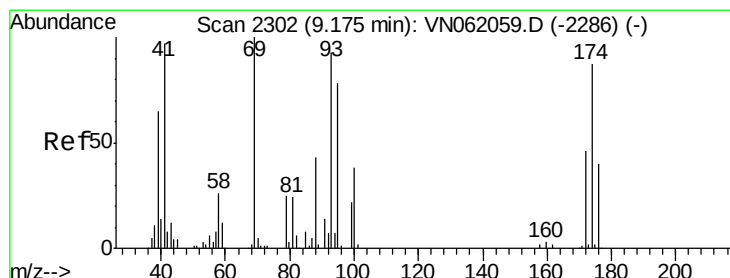
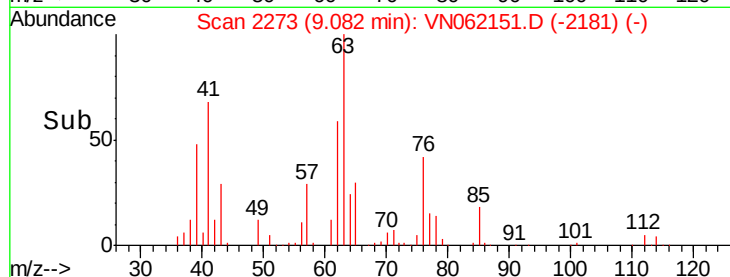
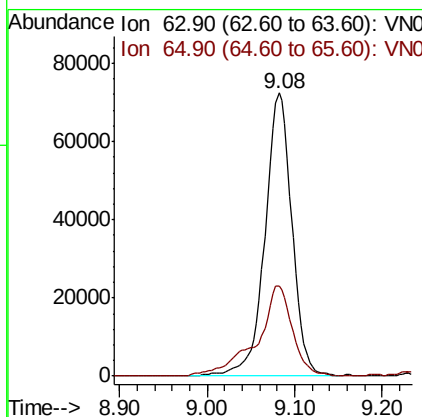
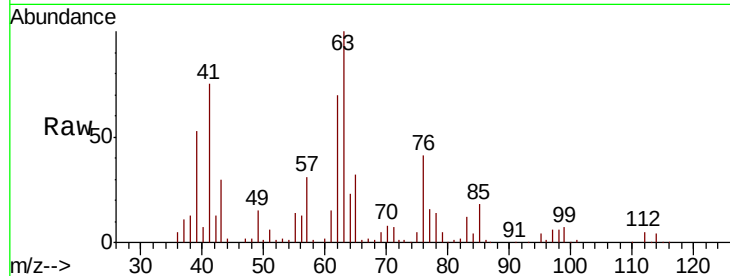




#45
 1,2-Dichloropropane
 Concen: 48.778 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062151.D
 Acq: 26 Jun 2020 19:51

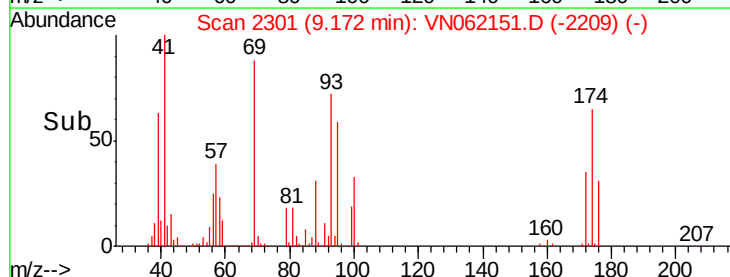
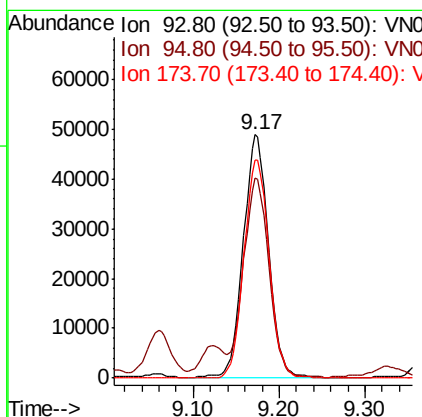
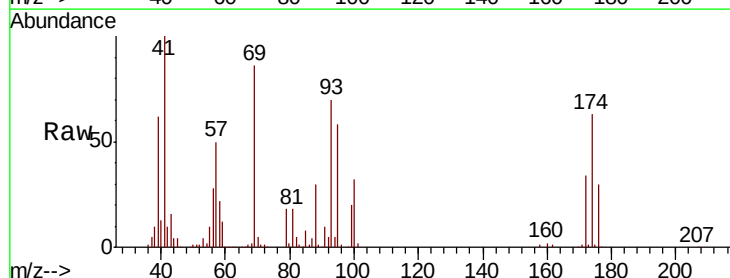
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MS

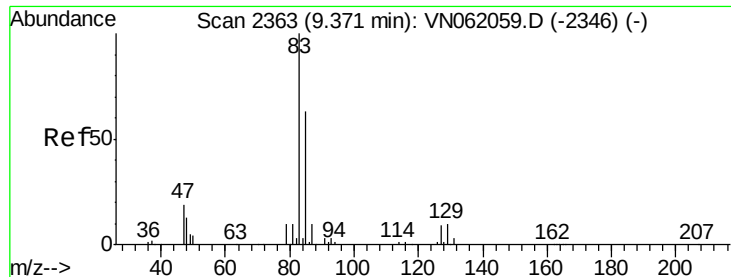
Tot Ion: 63 Resp: 154767
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.0 37.4



#46
 Dibromomethane
 Concen: 46.627 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062151.D
 Acq: 26 Jun 2020 19:51

Tgt Ion: 93 Resp: 100305
 Ion Ratio Lower Upper
 93 100
 95 81.2 67.0 100.6
 174 89.2 74.4 111.6





#47

Bromodichloromethane

Concen: 54.438 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062151.D

Acq: 26 Jun 2020 19:51

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

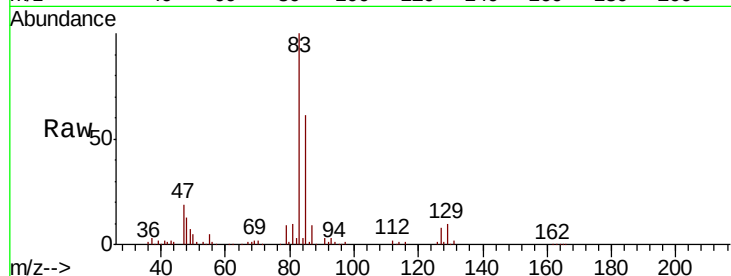
Tot Ion: 83 Resp: 236457

Ion Ratio Lower Upper

83 100

85 60.7 50.3 75.5

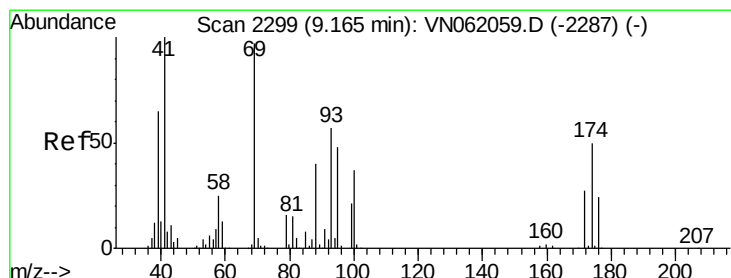
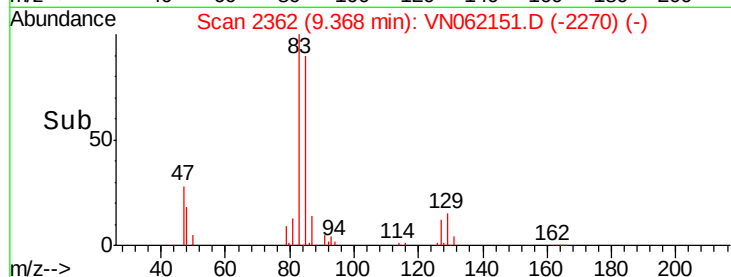
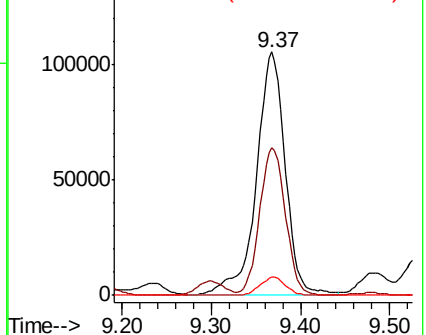
127 7.6 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062151.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062151.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062151.D (-2270) (-)



#48

Methyl methacrylate

Concen: 50.507 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN062151.D

Acq: 26 Jun 2020 19:51

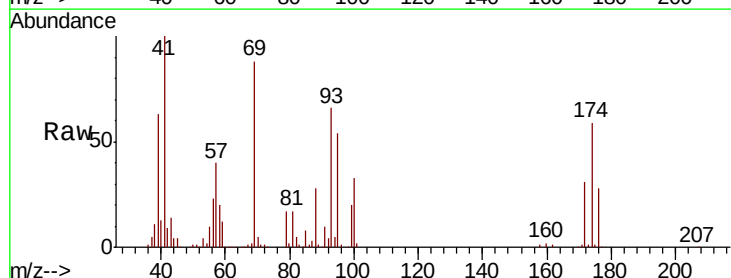
Tgt Ion: 41 Resp: 128988

Ion Ratio Lower Upper

41 100

69 91.5 80.7 121.1

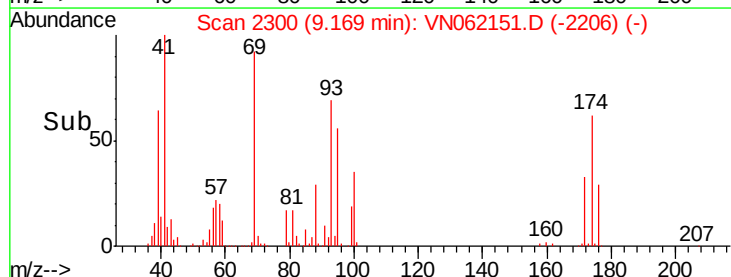
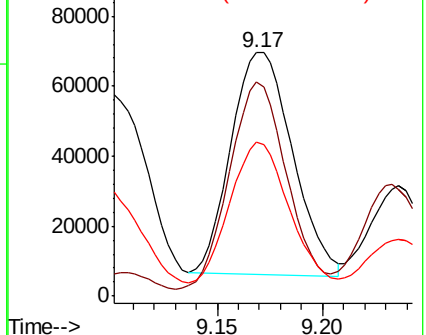
39 66.7 54.5 81.7

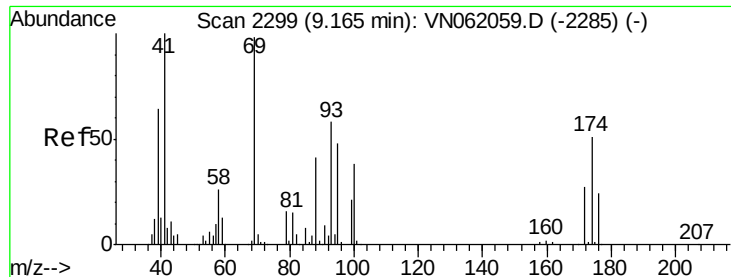


Abundance Ion 41.00 (40.70 to 41.70): VN062151.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062151.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062151.D (-2206) (-)

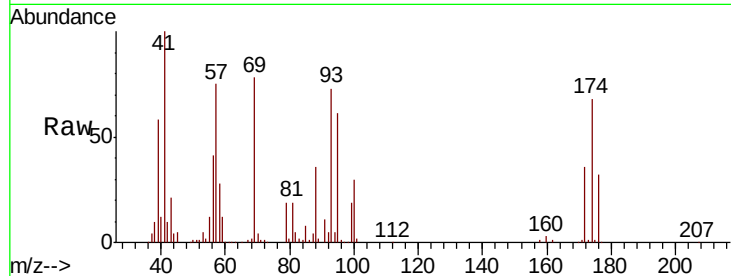




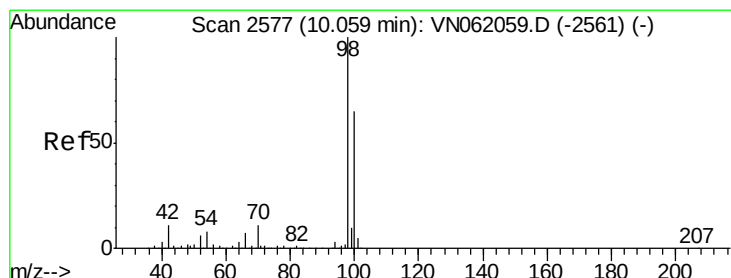
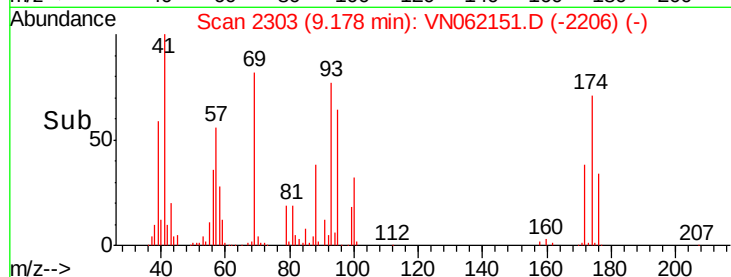
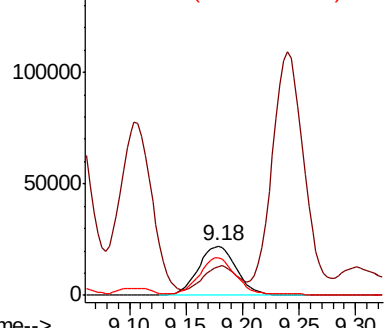
#49
1,4-Dioxane
Concen: 922.918 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.01 min
Lab File: VN062151.D
Acq: 26 Jun 2020 19:51

Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

Tot Ion: 88 Resp: 52269
Ion Ratio Lower Upper
88 100
43 51.1 22.0 33.0#
58 66.7 49.2 73.8

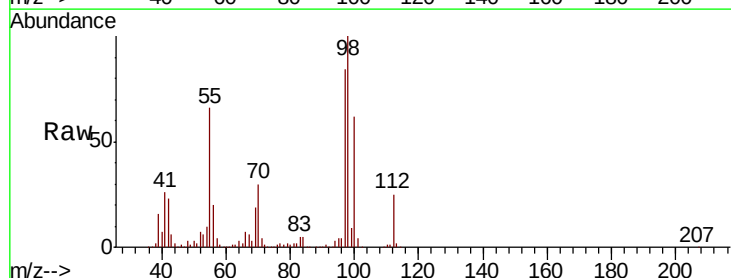


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

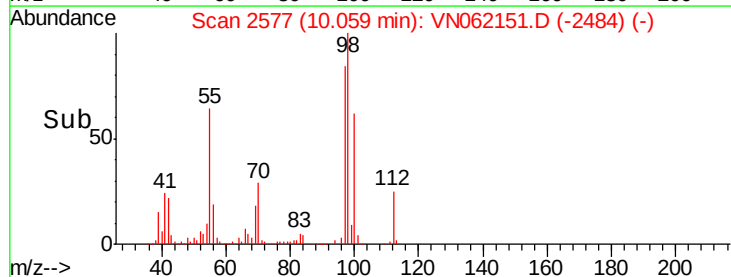
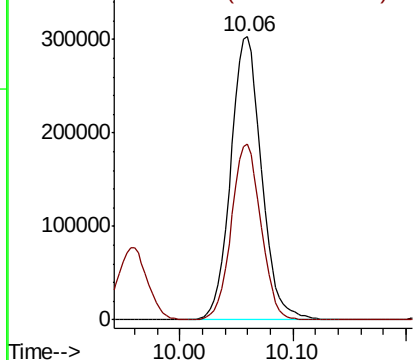


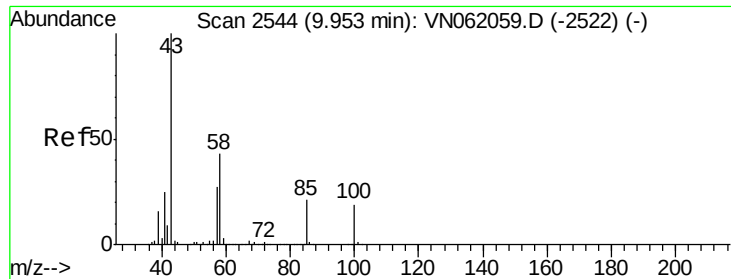
#50
Toluene-d8
Concen: 53.251 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062151.D
Acq: 26 Jun 2020 19:51

Tgt Ion: 98 Resp: 573273
Ion Ratio Lower Upper
98 100
100 59.2 51.2 76.8



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

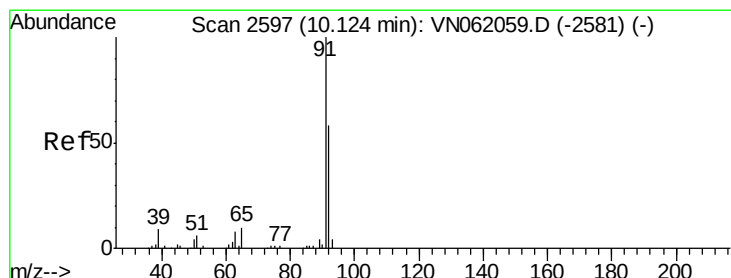
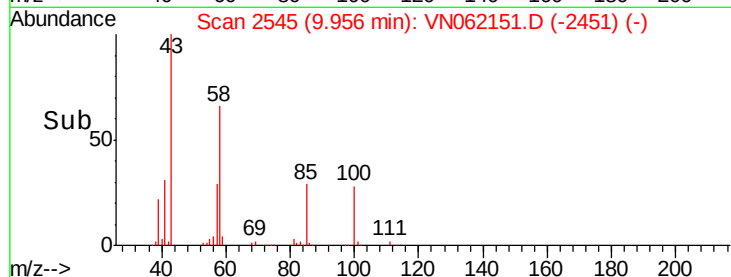
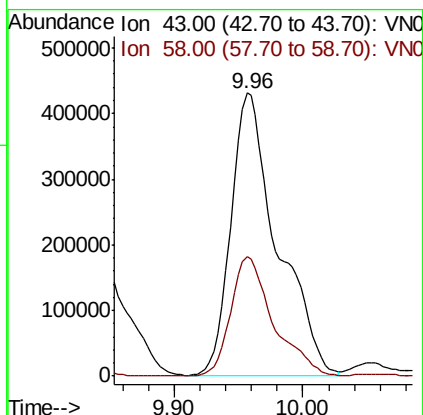
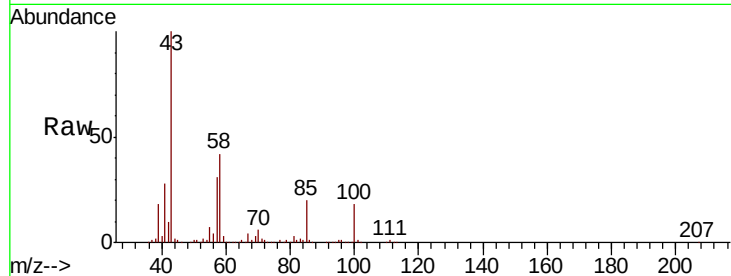




#51
 4-Methyl-2-Pentanone
 Concen: 322.024 ug/l
 RT: 9.96 min Scan# 2545
 Delta R.T. 0.00 min
 Lab File: VN062151.D
 Acq: 26 Jun 2020 19:51

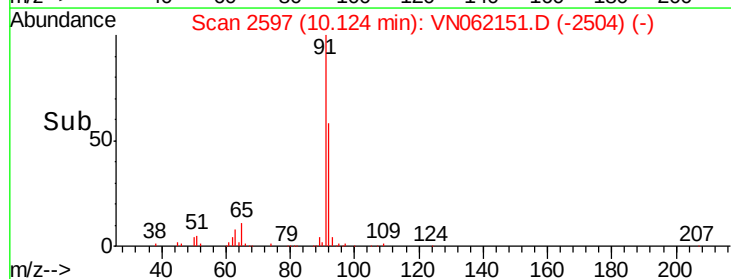
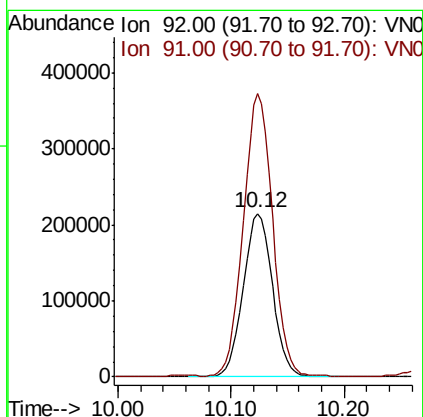
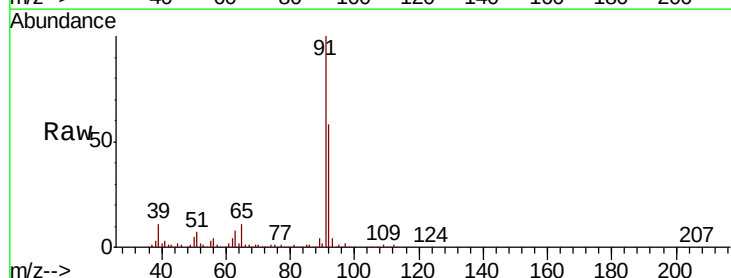
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MS

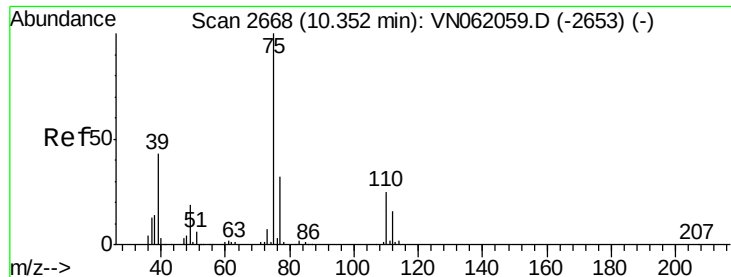
Tot Ion: 43 Resp: 1071636
 Ion Ratio Lower Upper
 43 100
 58 39.0 34.2 51.2



#52
 Toluene
 Concen: 49.209 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062151.D
 Acq: 26 Jun 2020 19:51

Tgt Ion: 92 Resp: 386148
 Ion Ratio Lower Upper
 92 100
 91 172.6 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 47.784 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062151.D

Acq: 26 Jun 2020 19:51

Instrument :

MSVOA_N

ClientSampleId :

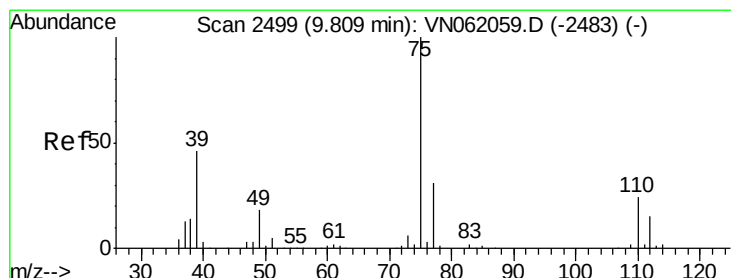
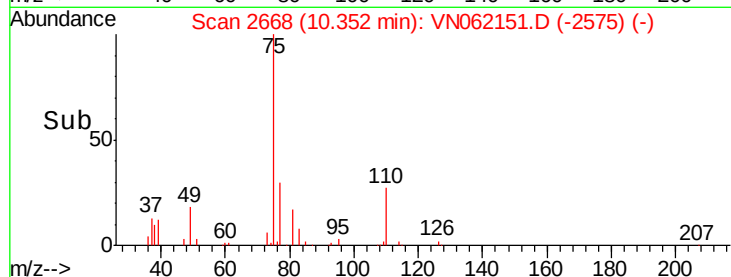
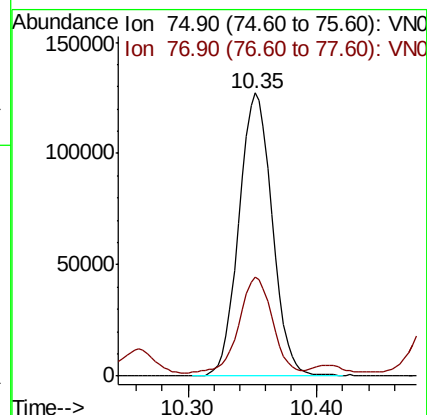
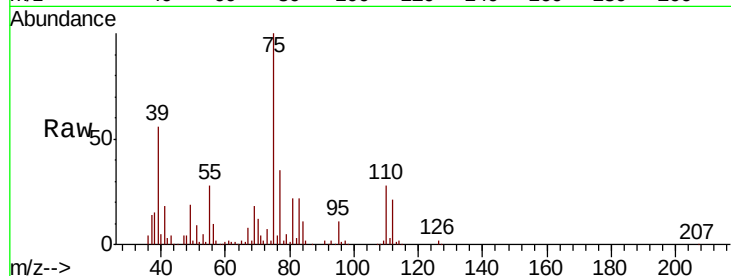
MW-27(16.5-18.5)MS

Tot Ion: 75 Resp: 228349

Ion Ratio Lower Upper

75 100

77 33.4 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 48.835 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN062151.D

Acq: 26 Jun 2020 19:51

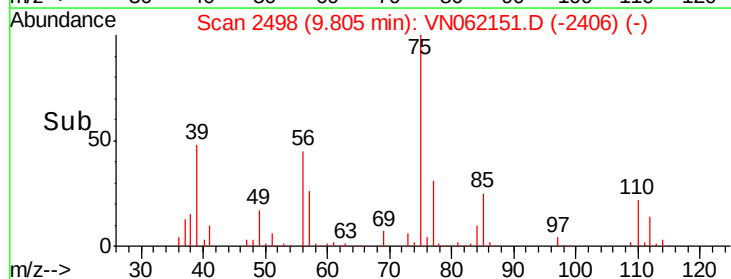
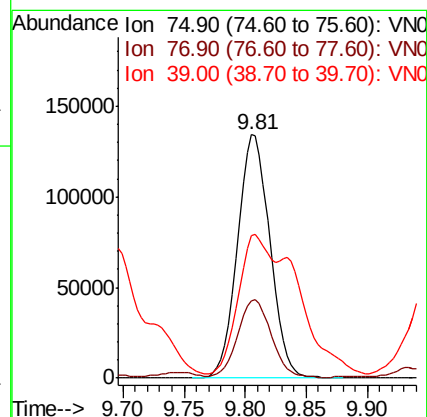
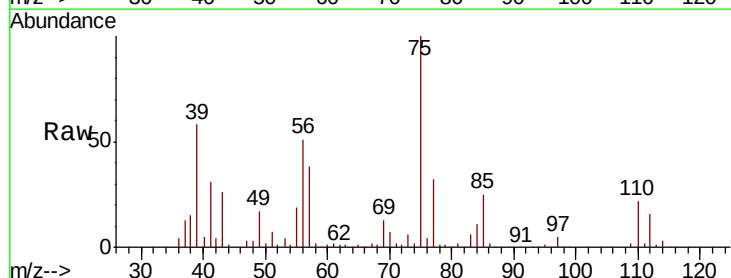
Tgt Ion: 75 Resp: 248457

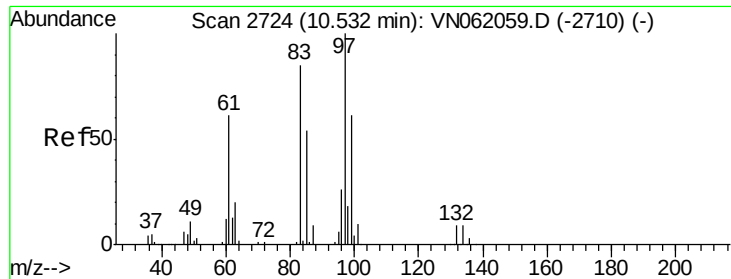
Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.6

39 54.6 36.9 55.3

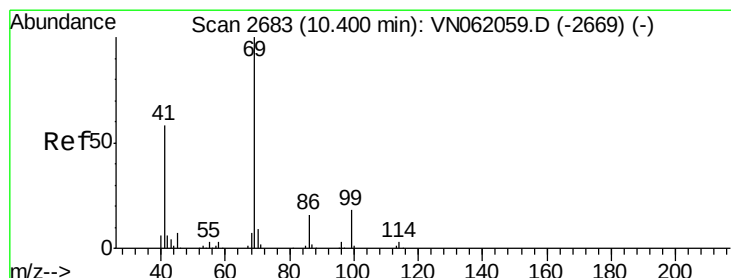
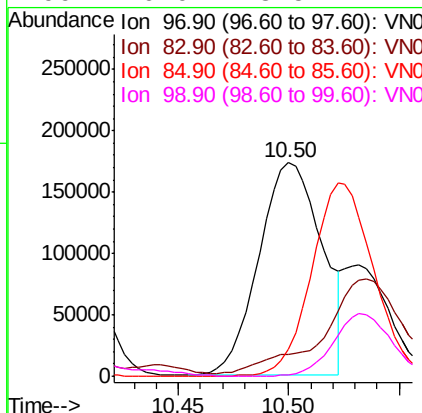
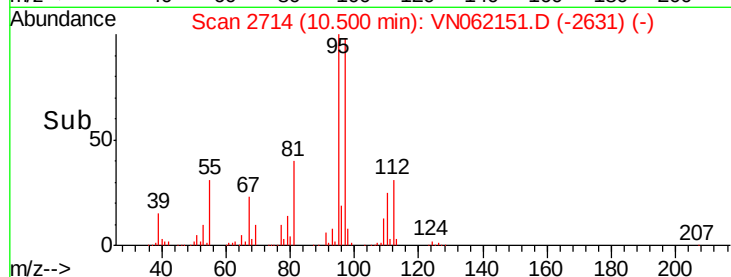
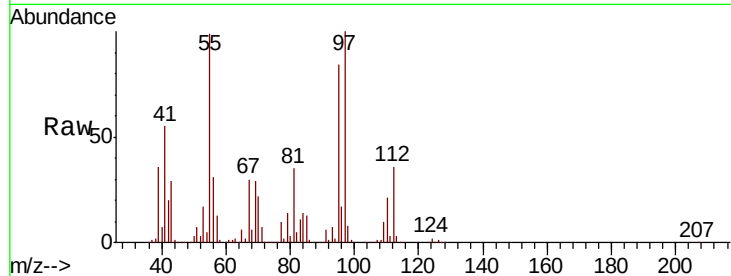




#55
 1,1,2-Trichloroethane
 Concen: 111.408 ug/l
 RT: 10.50 min Scan# 2714
 Delta R.T. -0.03 min
 Lab File: VN062151.D
 Acq: 26 Jun 2020 19:51

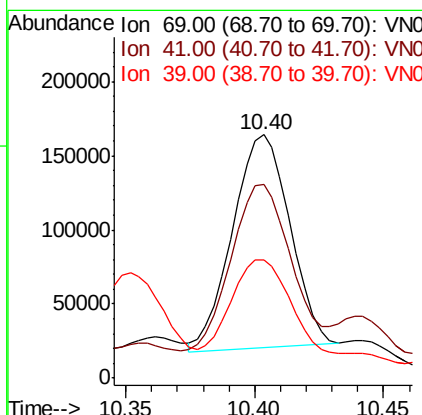
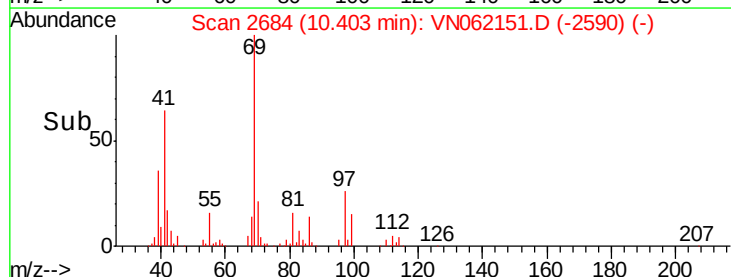
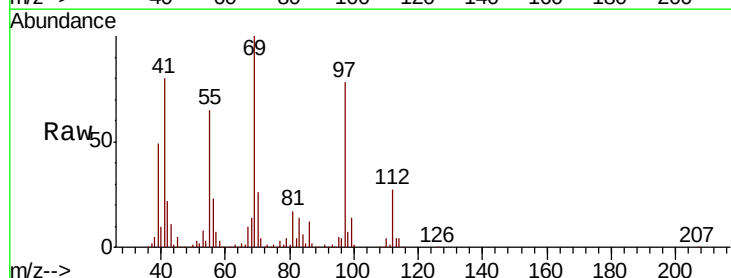
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MS

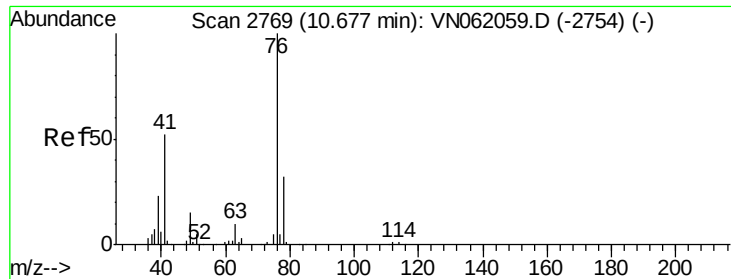
Tot Ion	97	Resp	343655
Ion	Ratio	Lower	Upper
97	100		
83	7.8	68.2	102.2#
85	12.5	43.2	64.8#
99	0.0	48.5	72.7#



#56
 Ethyl methacrylate
 Concen: 54.497 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. 0.00 min
 Lab File: VN062151.D
 Acq: 26 Jun 2020 19:51

Tgt Ion	69	Resp	224341
Ion	Ratio	Lower	Upper
69	100		
41	82.0	46.6	70.0#
39	62.5	31.0	46.4#

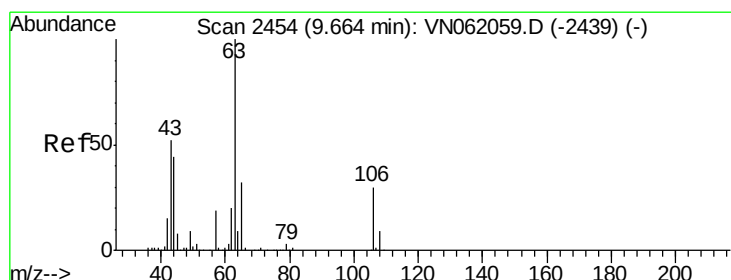
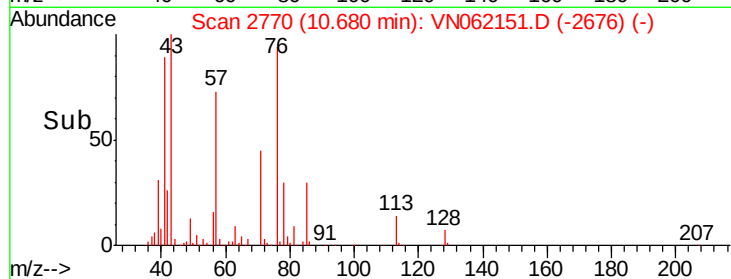
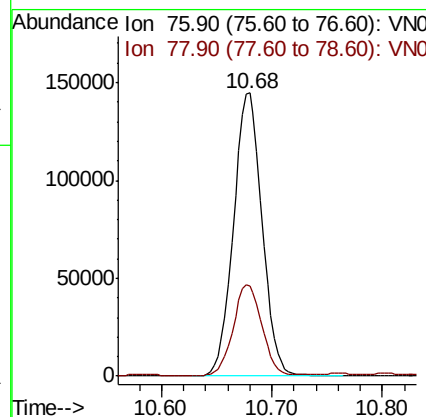
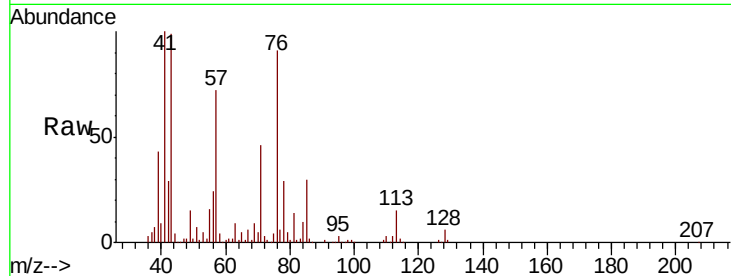




#57
 1,3-Dichloropropane
 Concen: 48.968 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062151.D
 Acq: 26 Jun 2020 19:51

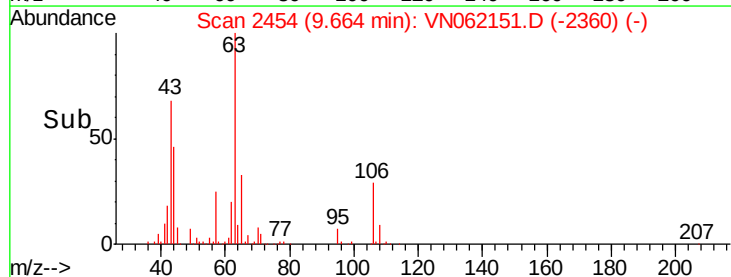
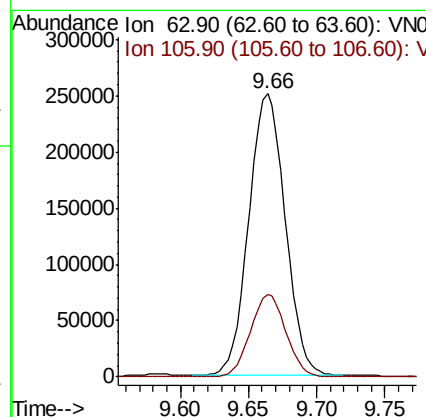
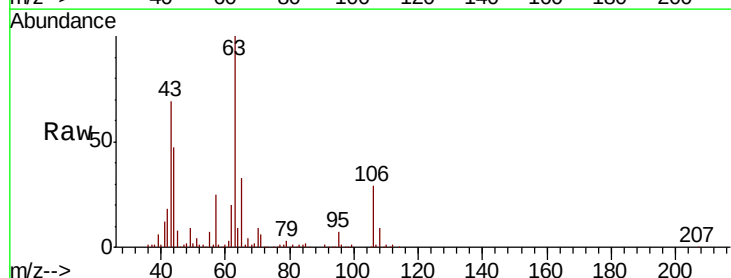
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MS

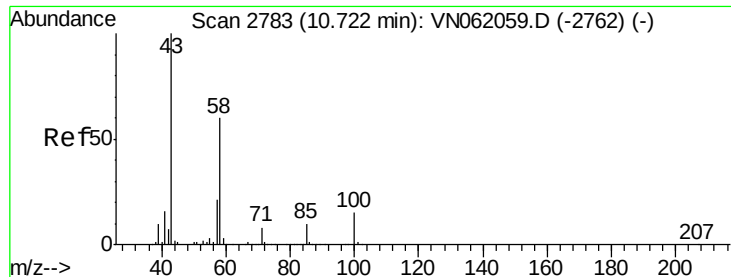
Tot Ion: 76 Resp: 259993
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 263.974 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062151.D
 Acq: 26 Jun 2020 19:51

Tgt Ion: 63 Resp: 464340
 Ion Ratio Lower Upper
 63 100
 106 28.8 23.2 34.8

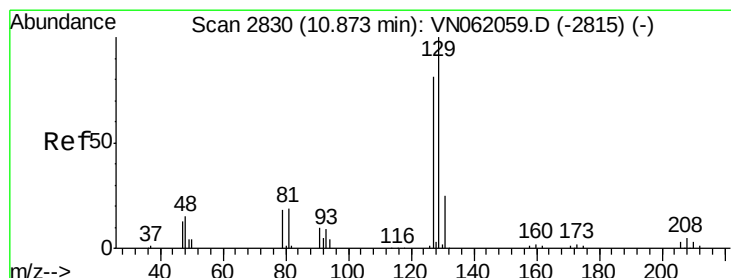
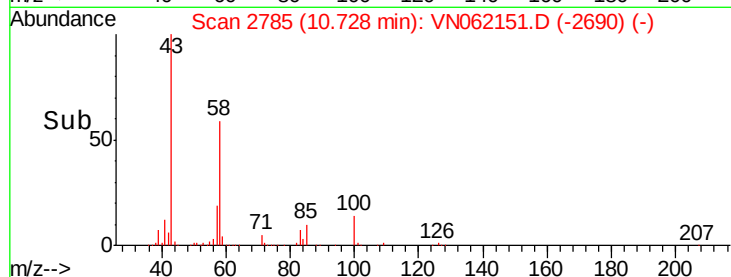
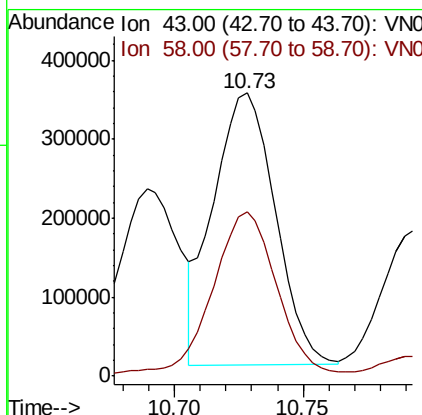
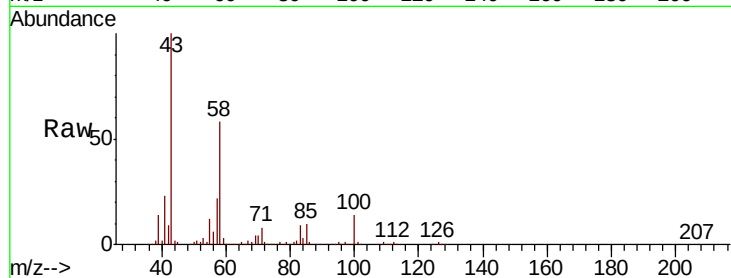




#59
2-Hexanone
Concen: 239.994 ug/l
RT: 10.73 min Scan# 2785
Delta R.T. 0.01 min
Lab File: VN062151.D
Acq: 26 Jun 2020 19:51

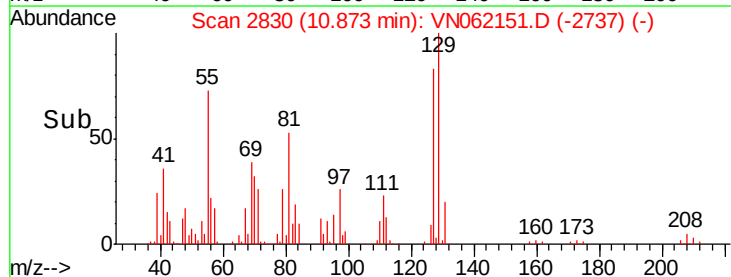
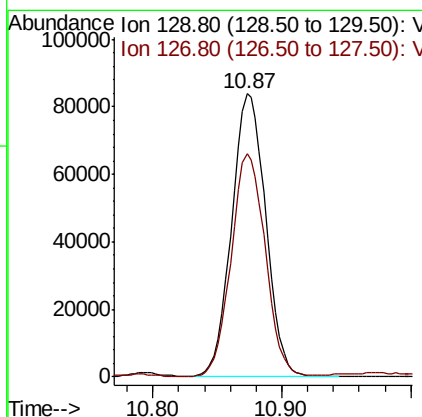
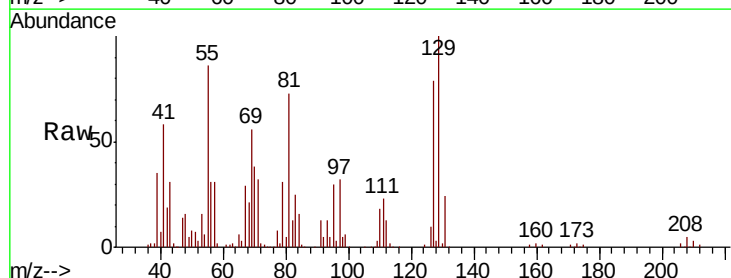
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

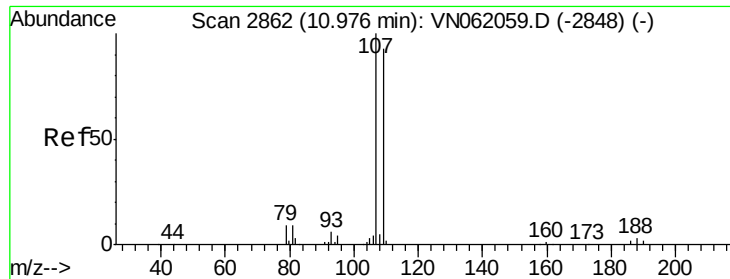
Tot Ion: 43 Resp: 576706
Ion Ratio Lower Upper
43 100
58 63.9 29.5 88.5



#60
Dibromochloromethane
Concen: 47.084 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062151.D
Acq: 26 Jun 2020 19:51

Tgt Ion: 129 Resp: 153765
Ion Ratio Lower Upper
129 100
127 78.7 39.5 118.5

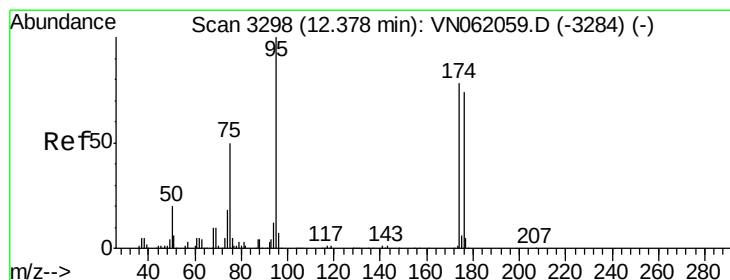
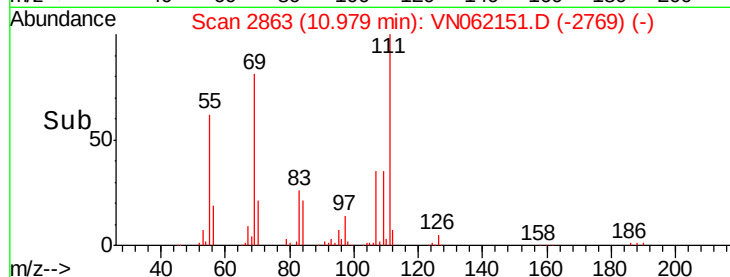
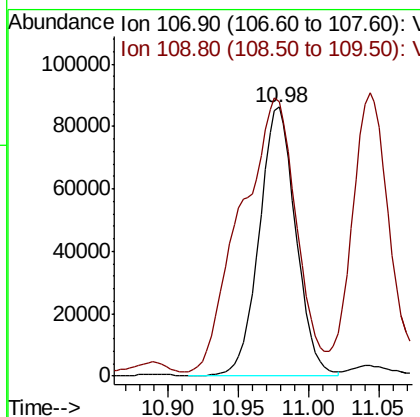
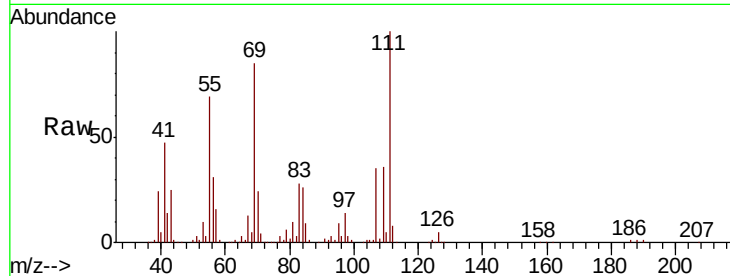




#61
 1,2-Dibromoethane
 Concen: 49.374 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062151.D
 Acq: 26 Jun 2020 19:51

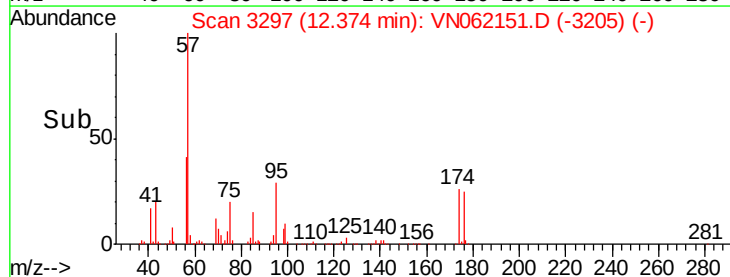
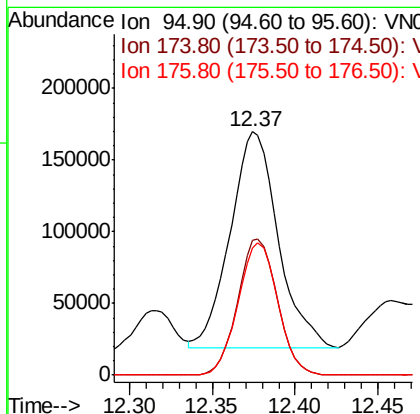
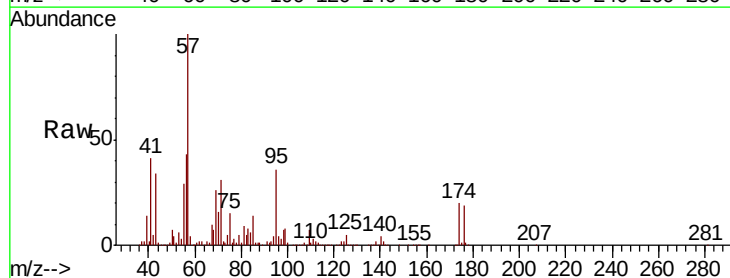
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MS

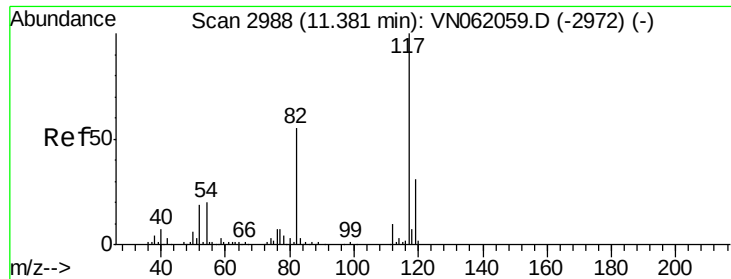
Tot Ion:107 Resp: 156493
 Ion Ratio Lower Upper
 107 100
 109 151.9 75.0 112.6#



#62
 4-Bromofluorobenzene
 Concen: 82.842 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062151.D
 Acq: 26 Jun 2020 19:51

Tgt Ion: 95 Resp: 301314
 Ion Ratio Lower Upper
 95 100
 174 52.6 0.0 154.8
 176 50.9 0.0 147.4

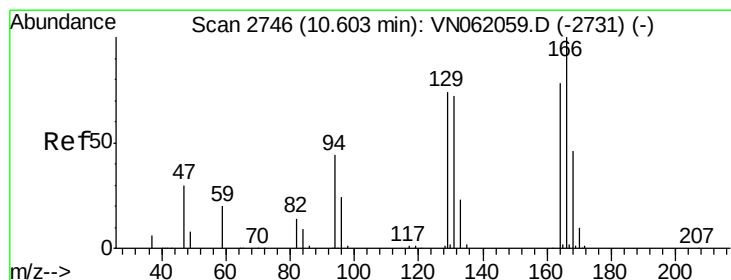
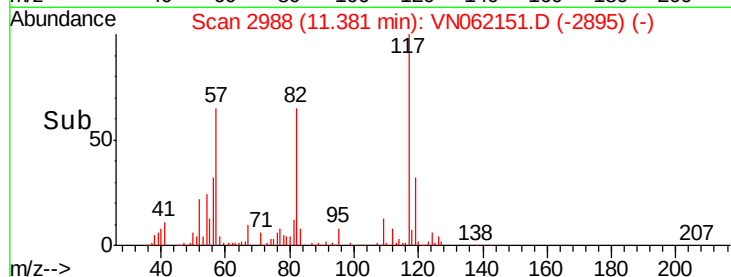
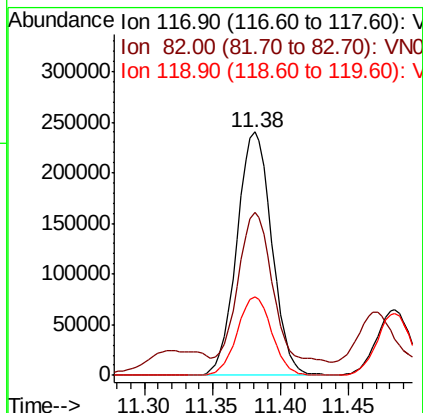
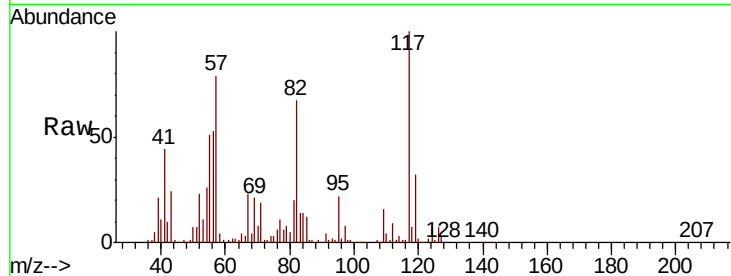




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062151.D
Acq: 26 Jun 2020 19:51

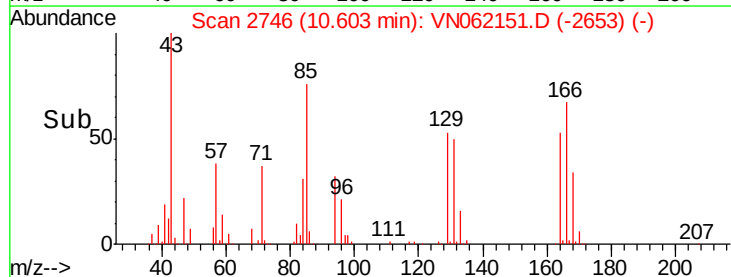
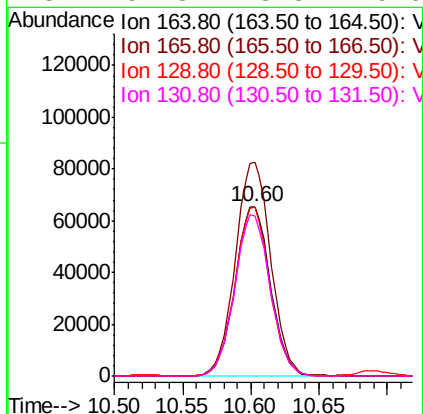
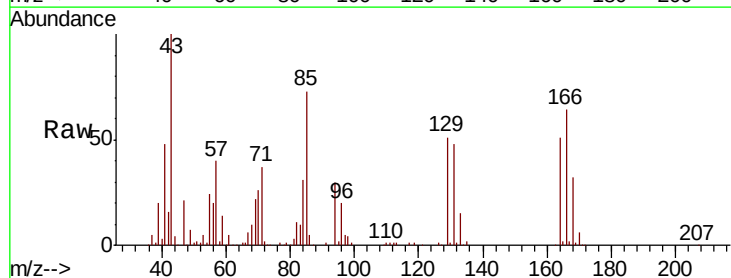
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

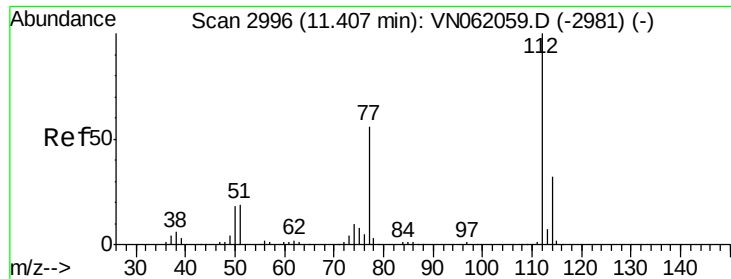
Tot Ion:117 Resp: 427401
Ion Ratio Lower Upper
117 100
82 60.9 43.8 65.8
119 32.5 25.2 37.8



#64
Tetrachloroethene
Concen: 40.266 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062151.D
Acq: 26 Jun 2020 19:51

Tgt Ion:164 Resp: 117558
Ion Ratio Lower Upper
164 100
166 126.1 102.9 154.3
129 99.5 75.8 113.8
131 94.3 73.8 110.6

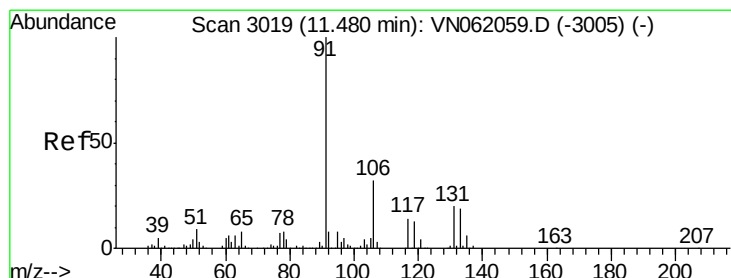
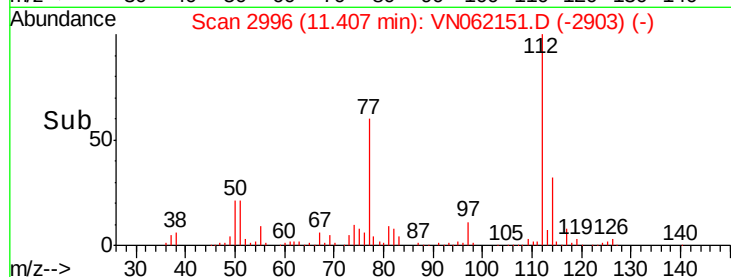
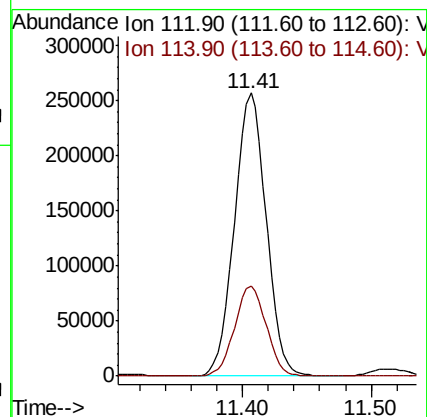
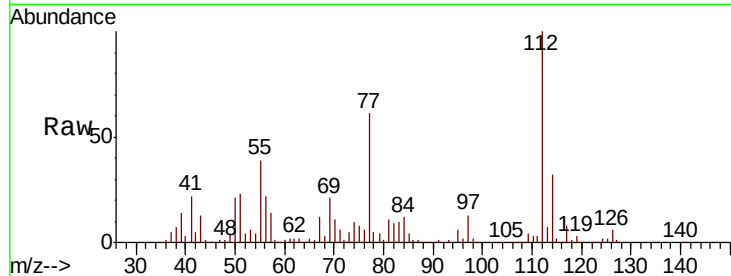




#65
Chlorobenzene
Concen: 46.801 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062151.D
Acq: 26 Jun 2020 19:51

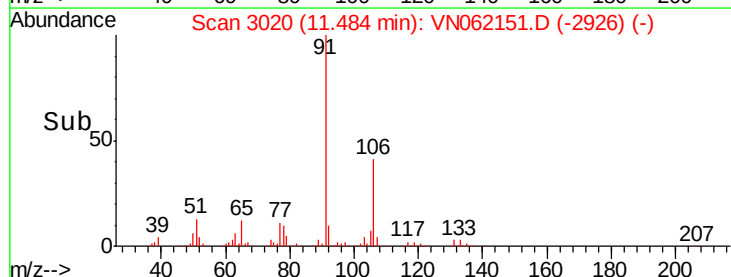
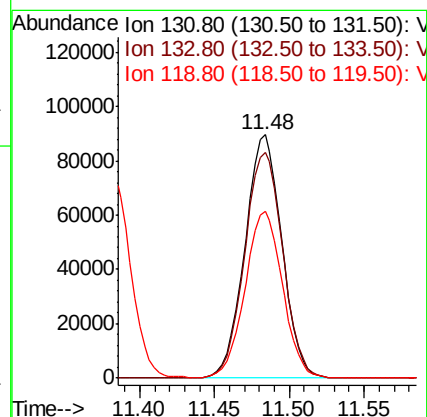
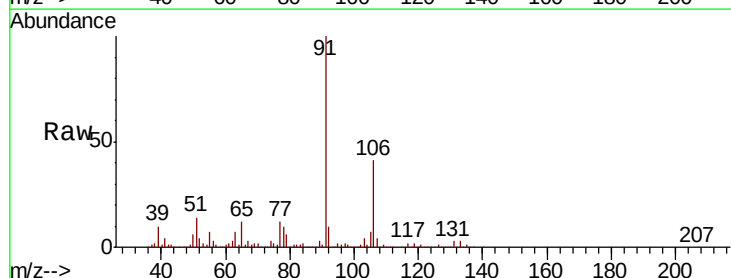
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

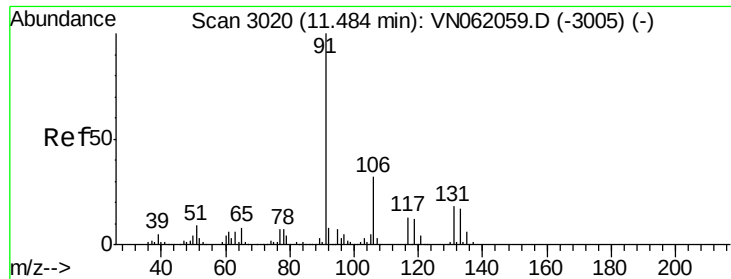
Tot Ion:112 Resp: 439268
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 47.401 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062151.D
Acq: 26 Jun 2020 19:51

Tgt Ion:131 Resp: 153841
Ion Ratio Lower Upper
131 100
133 96.0 47.6 142.9
119 69.6 34.4 103.3

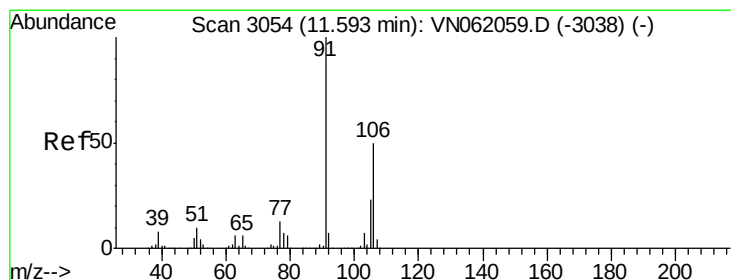
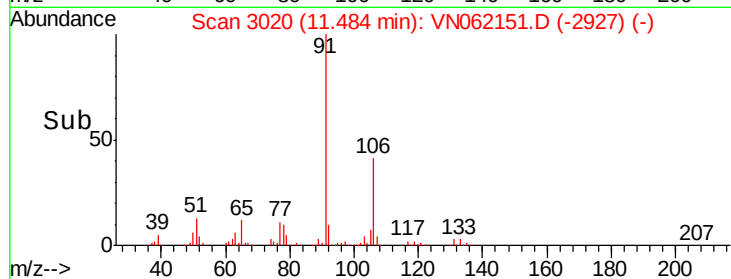
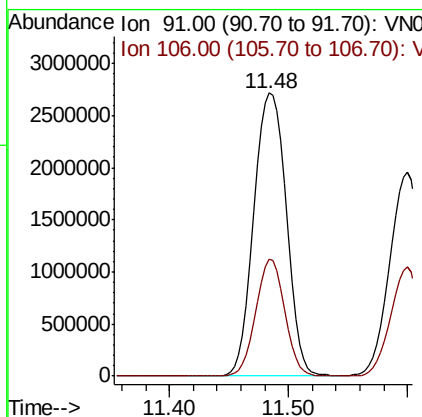
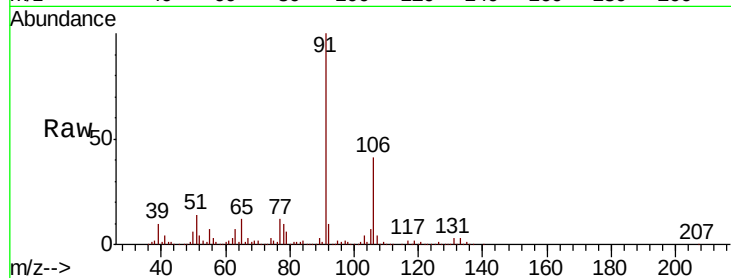




#67
Ethyl Benzene
Concen: 324.867 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062151.D
Acq: 26 Jun 2020 19:51

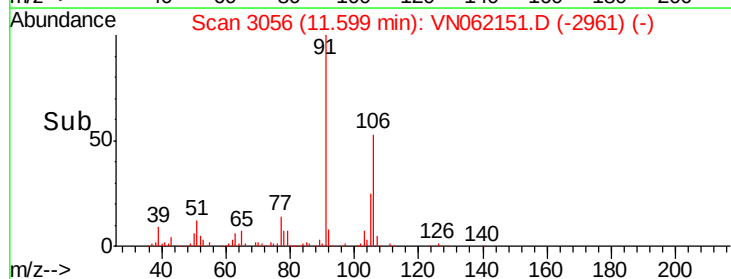
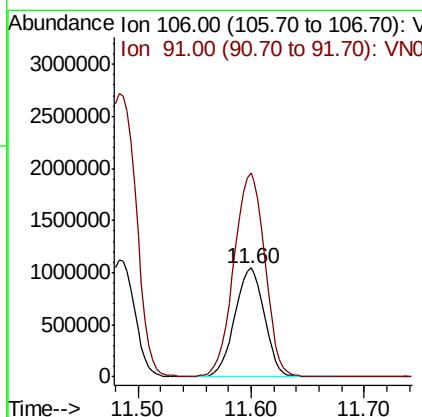
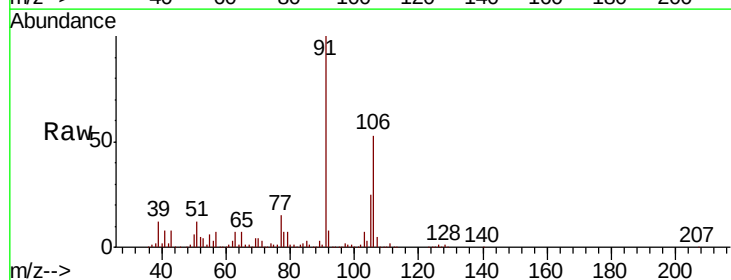
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

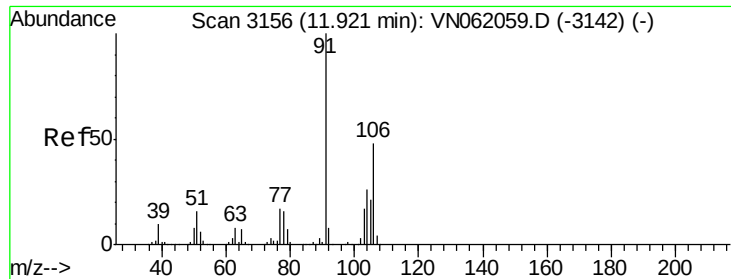
Tot Ion: 91 Resp: 5149609
Ion Ratio Lower Upper
91 100
106 41.5 25.3 37.9#



#68
m/p-Xylenes
Concen: 310.805 ug/l
RT: 11.60 min Scan# 3056
Delta R.T. 0.01 min
Lab File: VN062151.D
Acq: 26 Jun 2020 19:51

Tgt Ion: 106 Resp: 1905569
Ion Ratio Lower Upper
106 100
91 194.4 157.8 236.8

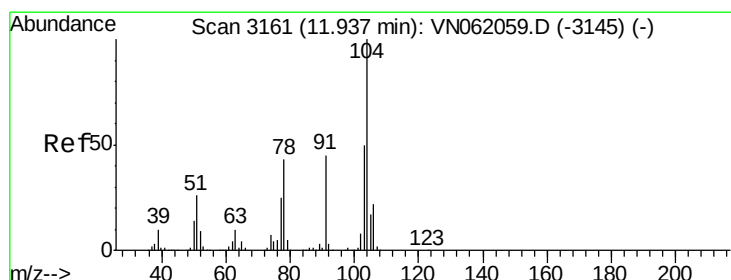
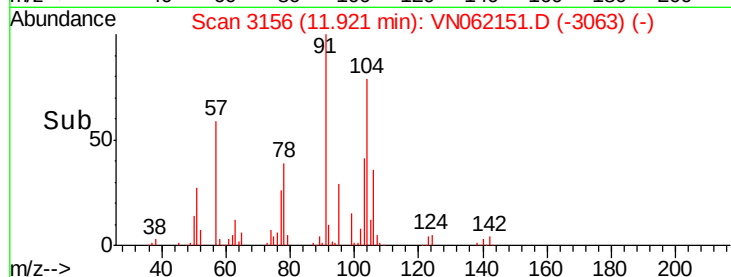
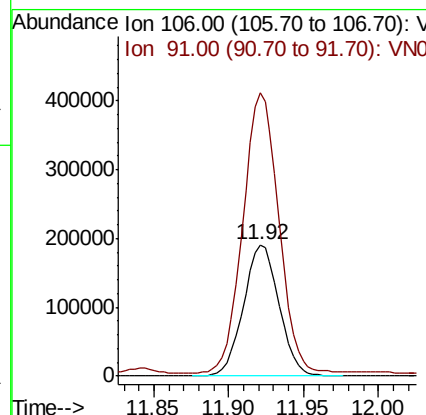
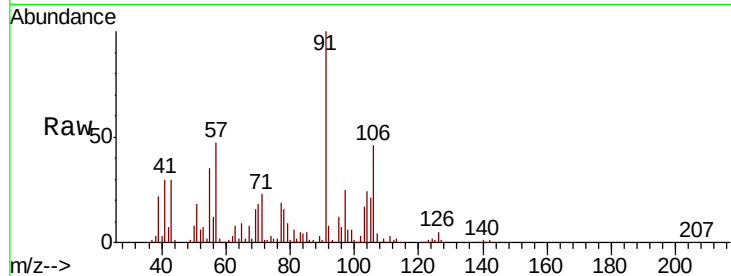




#69
o-Xylene
Concen: 54.442 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062151.D
Acq: 26 Jun 2020 19:51

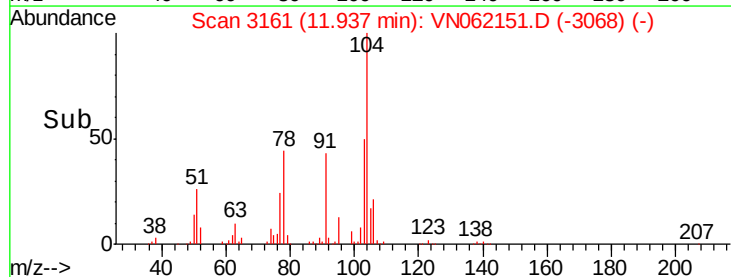
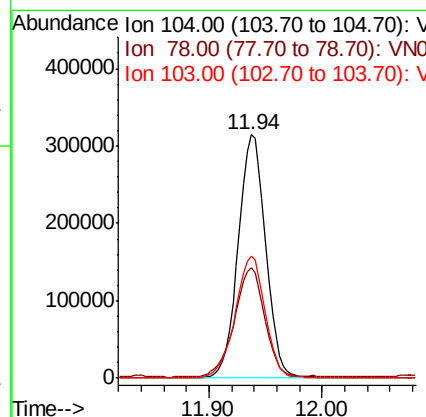
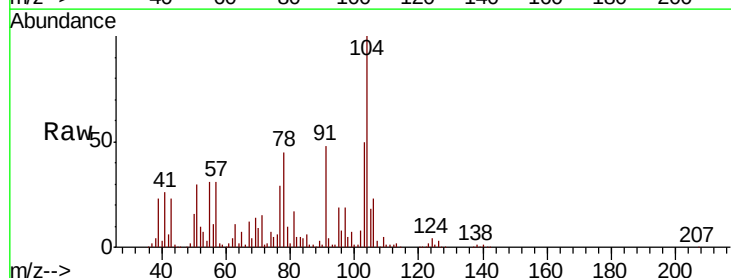
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

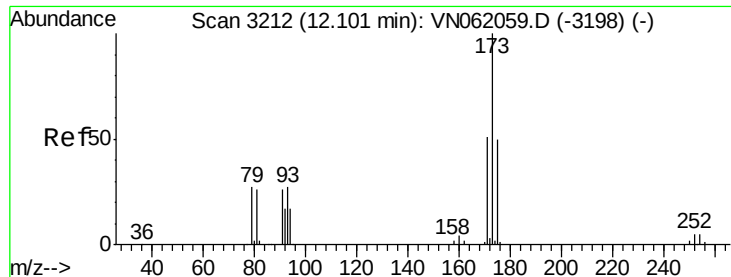
Tot Ion:106 Resp: 314935
Ion Ratio Lower Upper
106 100
91 215.8 104.0 311.9



#70
Styrene
Concen: 55.371 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062151.D
Acq: 26 Jun 2020 19:51

Tgt Ion:104 Resp: 534187
Ion Ratio Lower Upper
104 100
78 49.6 37.7 56.5
103 54.3 43.0 64.6





#71

Bromoform

Concen: 47.730 ug/l

RT: 12.10 min Scan# 3213

Delta R.T. 0.00 min

Lab File: VN062151.D

Acq: 26 Jun 2020 19:51

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

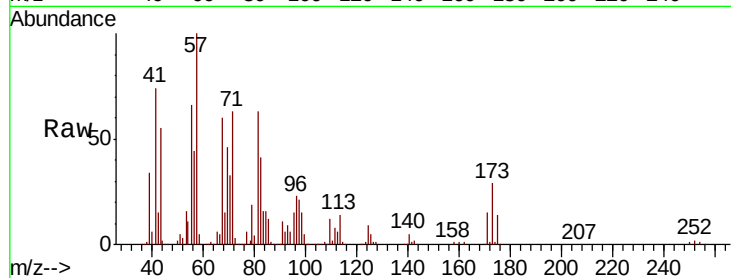
Tot Ion:173 Resp: 110140

Ion Ratio Lower Upper

173 100

175 47.8 24.7 74.1

254 0.0 0.0 0.0

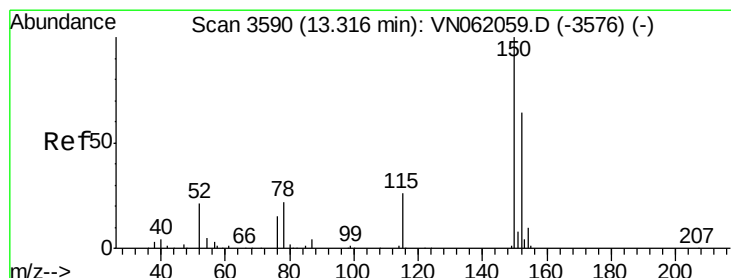
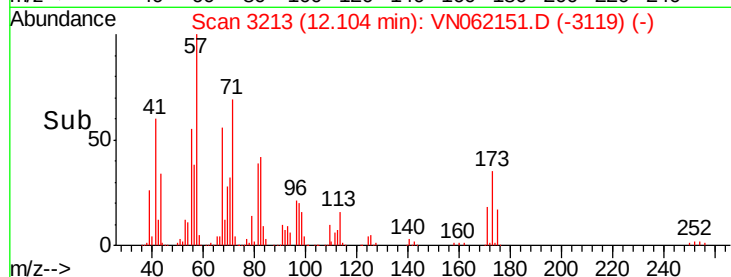
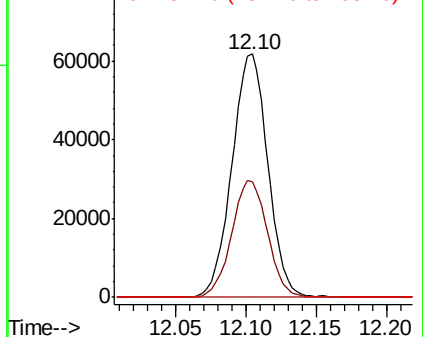


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062151.D

Acq: 26 Jun 2020 19:51

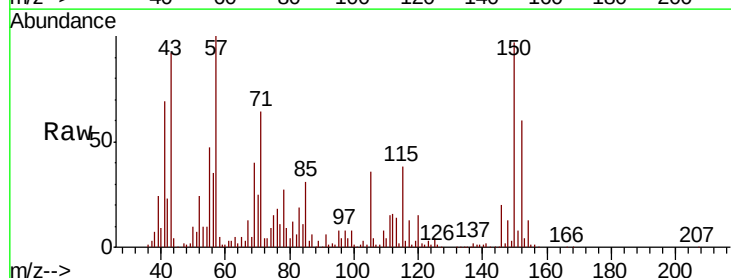
Tgt Ion:152 Resp: 253653

Ion Ratio Lower Upper

152 100

115 51.4 29.5 88.5

150 166.3 0.0 351.4

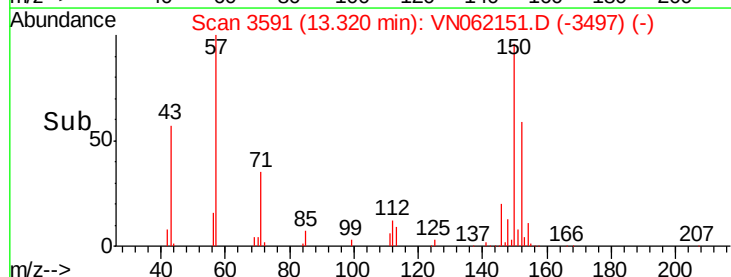
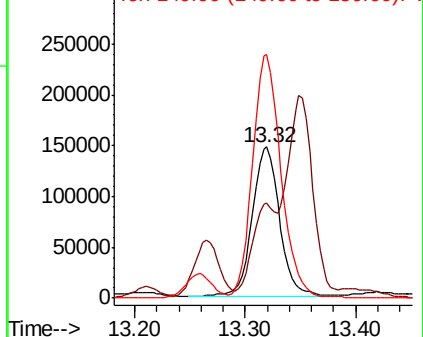


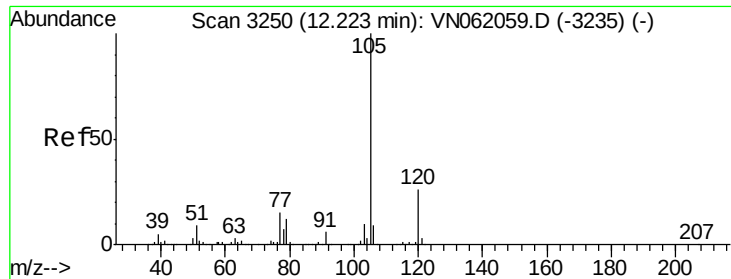
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 104.291 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062151.D

Acq: 26 Jun 2020 19:51

Instrument :

MSVOA_N

ClientSampleId :

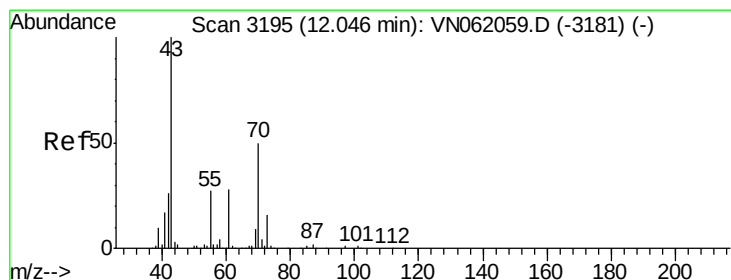
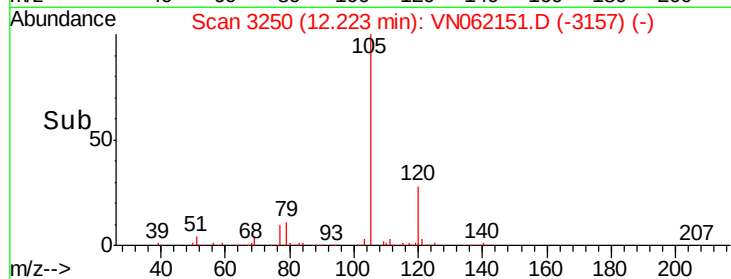
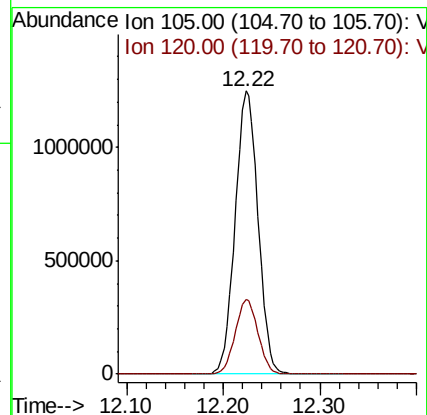
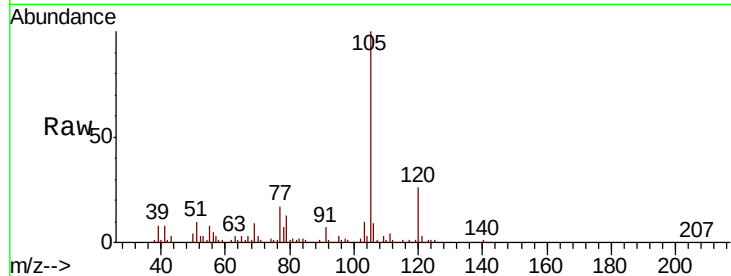
MW-27(16.5-18.5)MS

Tot Ion:105 Resp: 2047725

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.6



#74

N-ethyl acetate

Concen: 47.827 ug/l

RT: 12.02 min Scan# 3187

Delta R.T. -0.03 min

Lab File: VN062151.D

Acq: 26 Jun 2020 19:51

Tgt Ion: 43 Resp: 344558

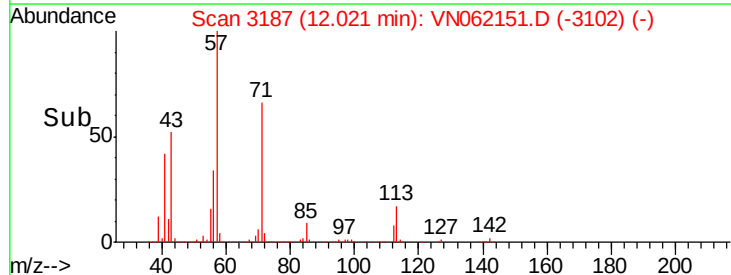
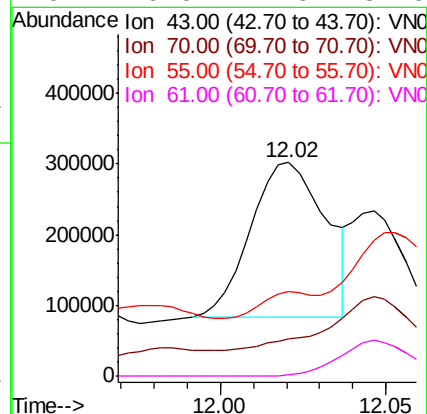
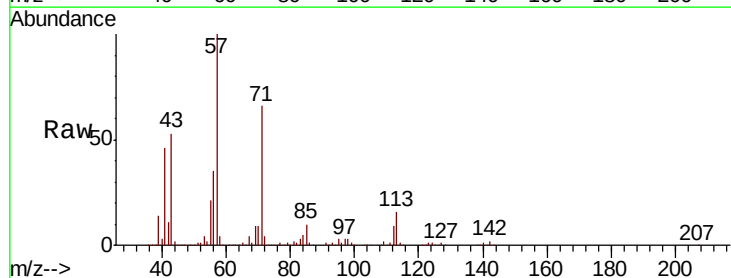
Ion Ratio Lower Upper

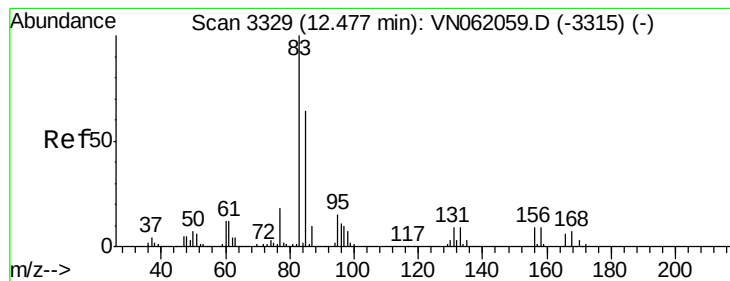
43 100

70 0.0 39.4 59.2#

55 10.1 21.7 32.5#

61 0.0 21.3 31.9#





#75

1,1,2,2-Tetrachloroethane

Concen: 37.279 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062151.D

Acq: 26 Jun 2020 19:51

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

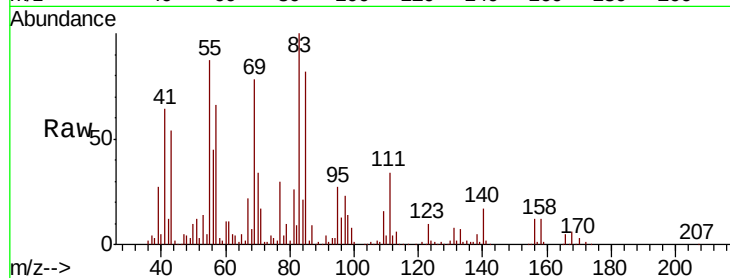
Tot Ion: 83 Resp: 243577

Ion Ratio Lower Upper

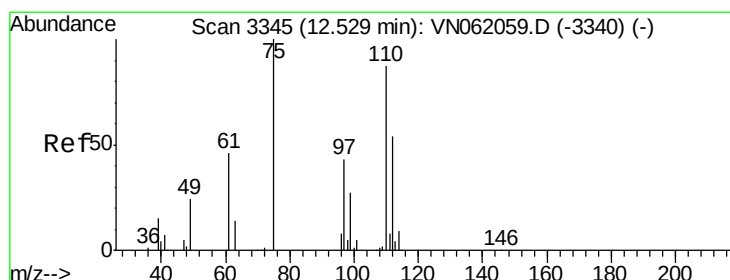
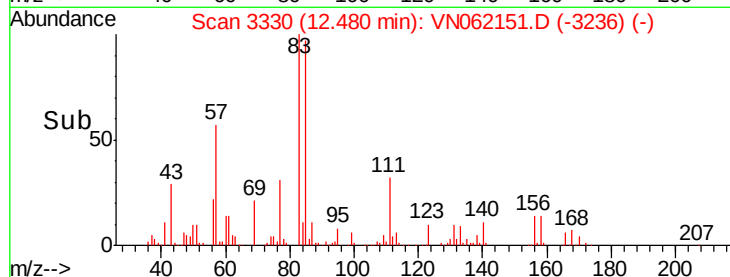
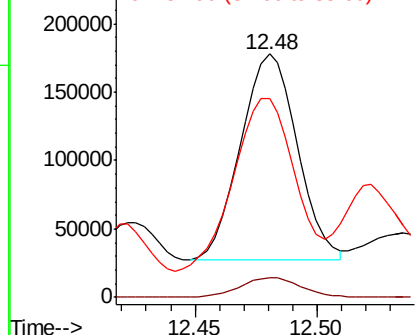
83 100

131 10.2 4.8 14.4

85 110.4 32.4 97.0#



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



#76

1,2,3-Trichloropropane

Concen: 55.573 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062151.D

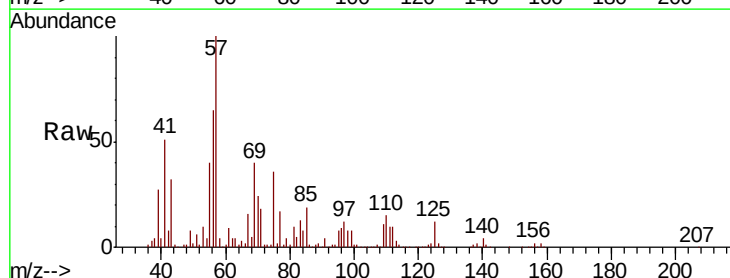
Acq: 26 Jun 2020 19:51

Tgt Ion: 75 Resp: 331835

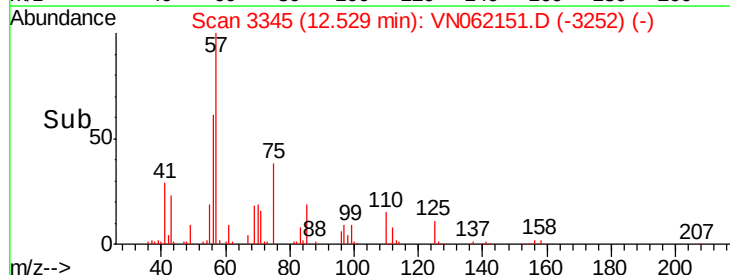
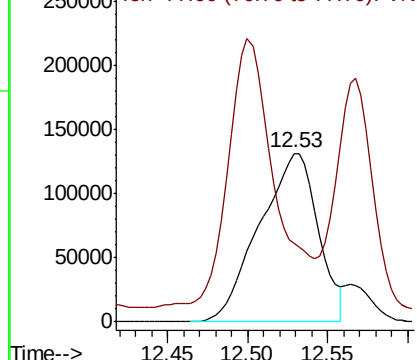
Ion Ratio Lower Upper

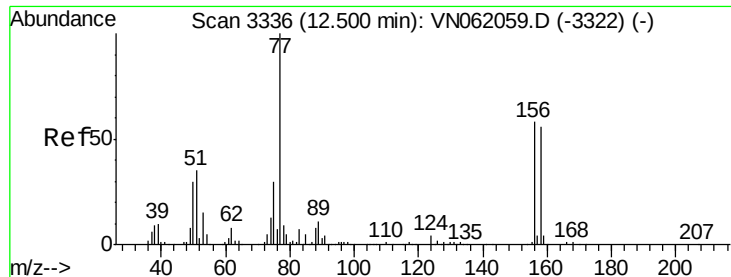
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 39.251 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062151.D

Acq: 26 Jun 2020 19:51

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

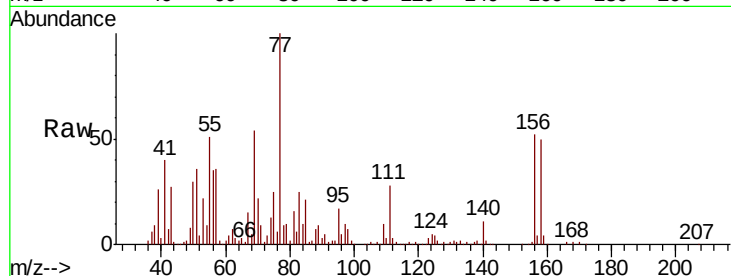
Tot Ion:156 Resp: 191337

Ion Ratio Lower Upper

156 100

77 219.0 104.6 313.8

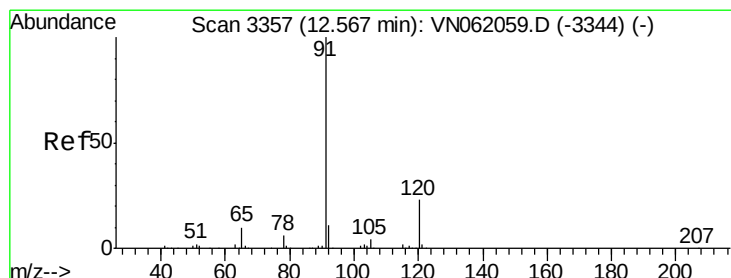
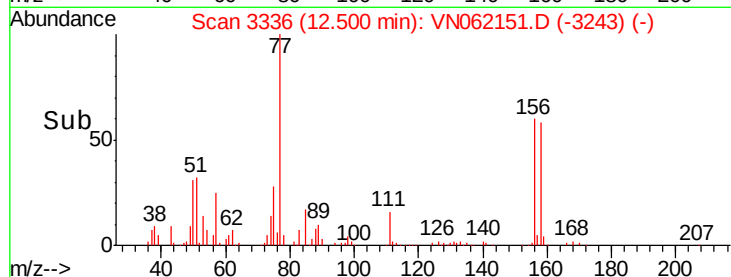
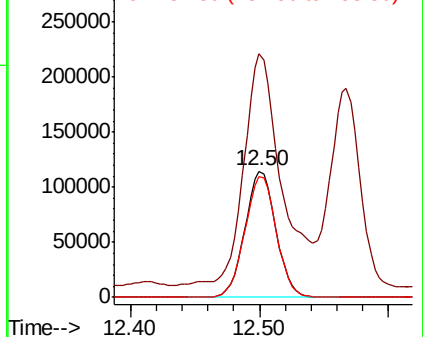
158 97.3 48.0 144.0



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: 248.294 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062151.D

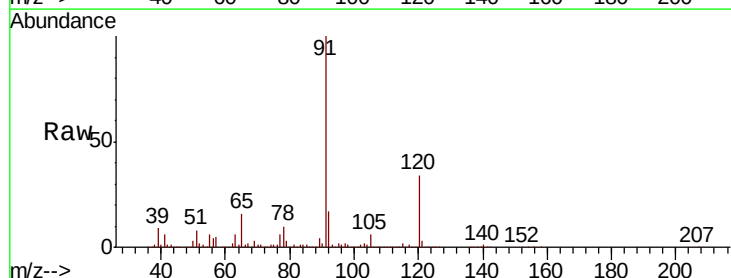
Acq: 26 Jun 2020 19:51

Tgt Ion: 91 Resp: 5576515

Ion Ratio Lower Upper

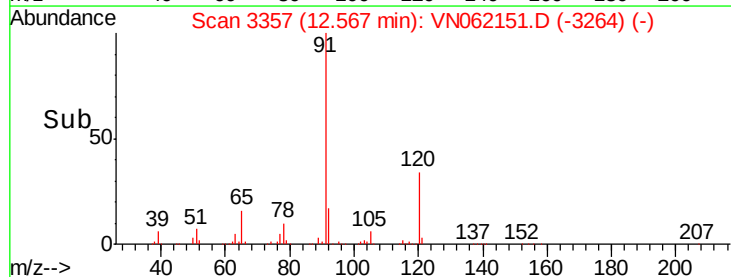
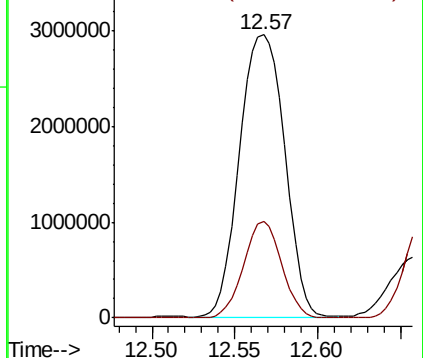
91 100

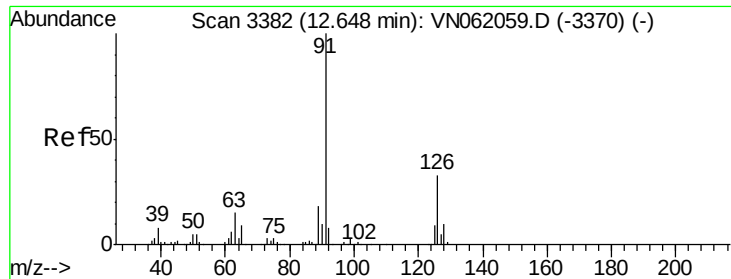
120 28.8 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

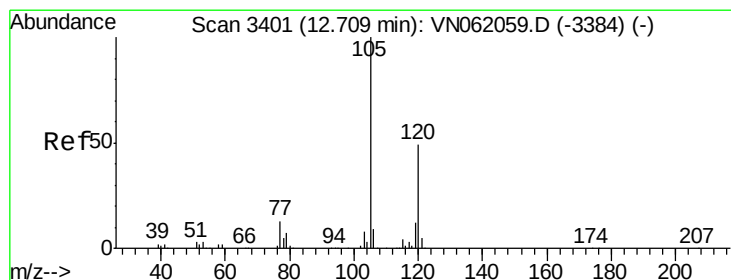
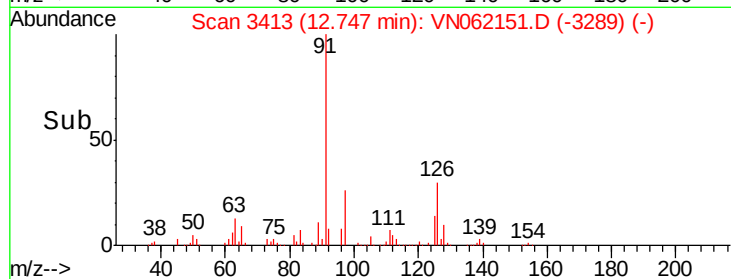
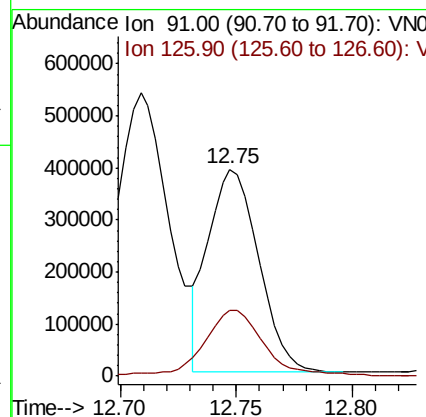
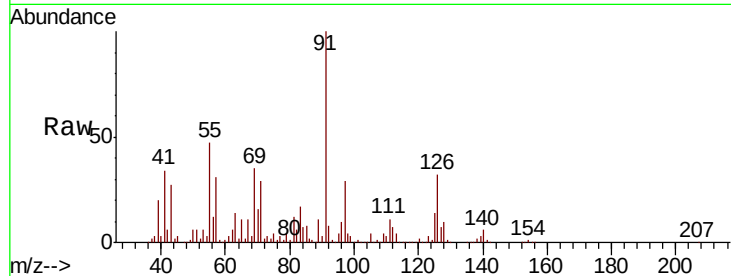




#79
 2-Chlorotoluene
 Concen: 43.263 ug/l
 RT: 12.75 min Scan# 3413
 Delta R.T. 0.10 min
 Lab File: VN062151.D
 Acq: 26 Jun 2020 19:51

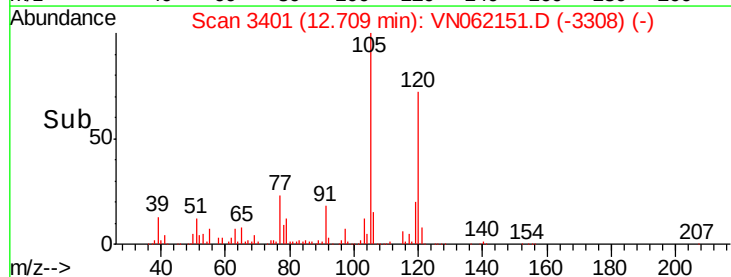
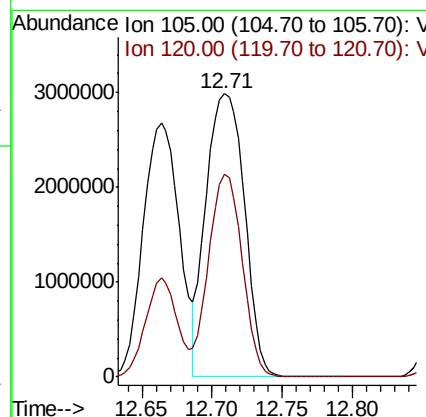
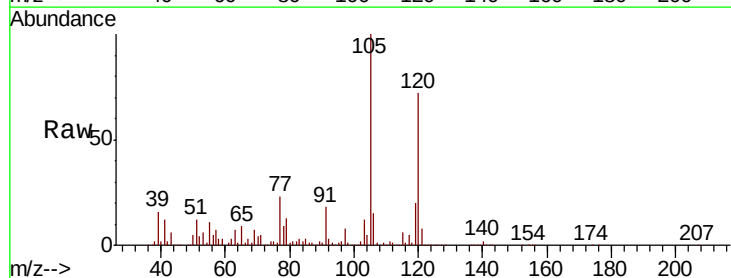
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MS

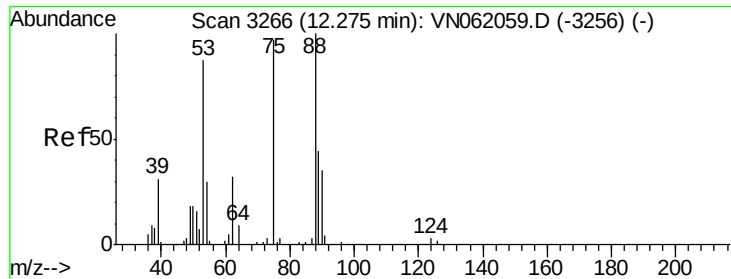
Tot Ion: 91 Resp: 587406
 Ion Ratio Lower Upper
 91 100
 126 37.6 16.9 50.7



#80
 1,3,5-Trimethylbenzene
 Concen: 354.503 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062151.D
 Acq: 26 Jun 2020 19:51

Tgt Ion: 105 Resp: 5642625
 Ion Ratio Lower Upper
 105 100
 120 63.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 40.003 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062151.D

Acq: 26 Jun 2020 19:51

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

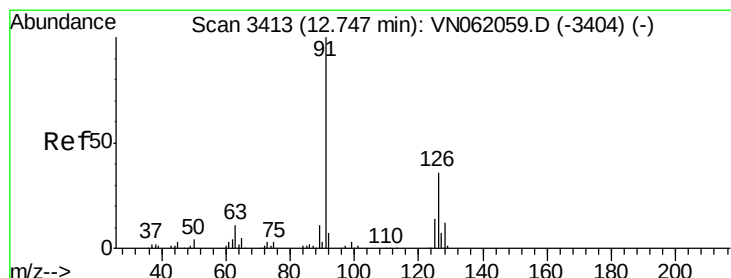
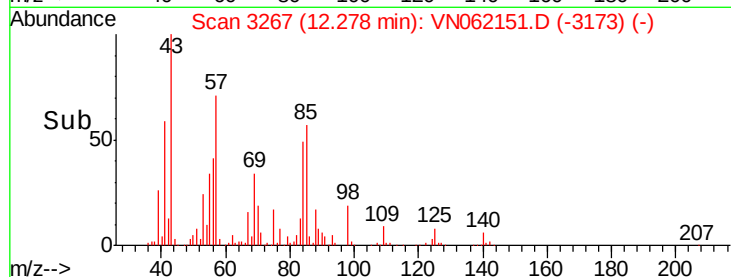
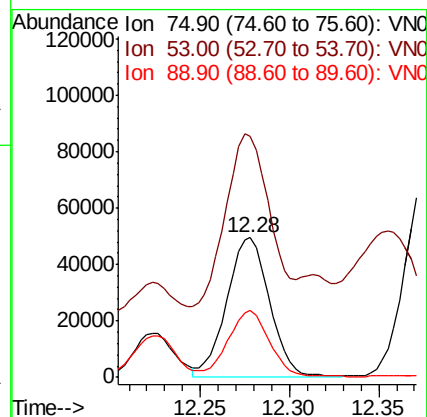
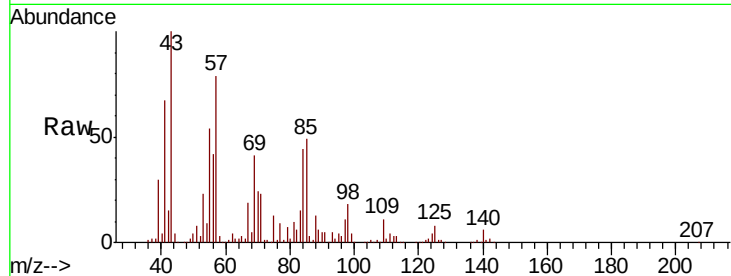
Tot Ion: 75 Resp: 81793

Ion Ratio Lower Upper

75 100

53 127.0 72.0 108.0#

89 45.4 36.9 55.3



#82

4-Chlorotoluene

Concen: 41.836 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062151.D

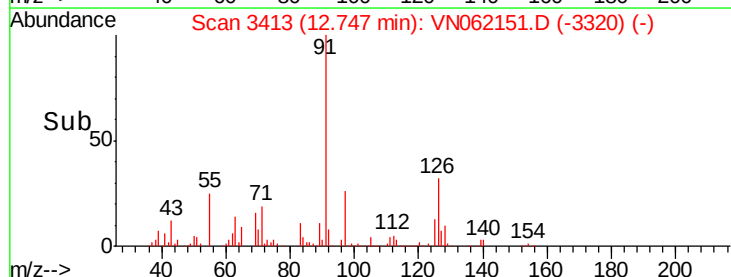
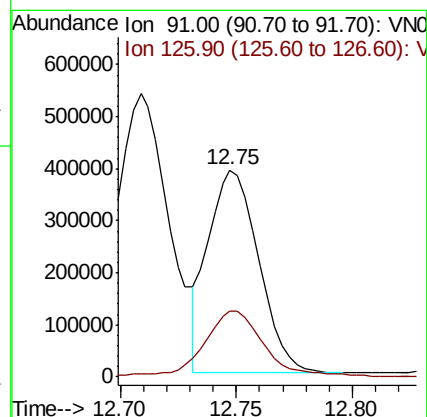
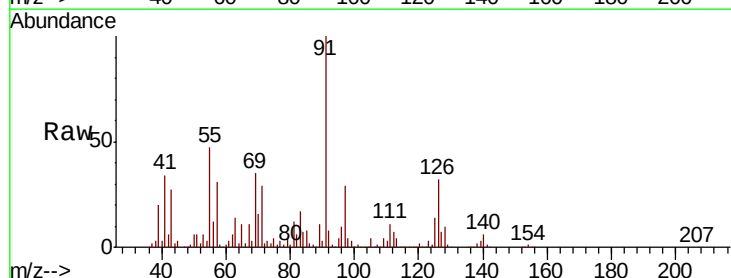
Acq: 26 Jun 2020 19:51

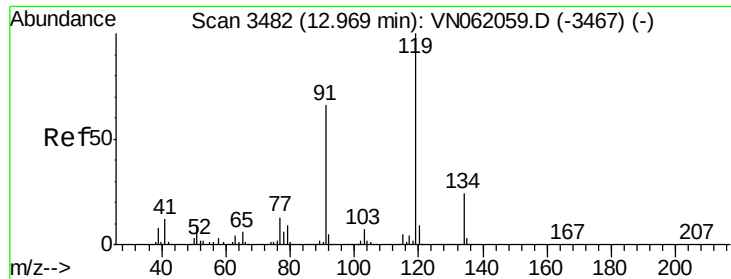
Tgt Ion: 91 Resp: 587406

Ion Ratio Lower Upper

91 100

126 37.7 16.7 50.1

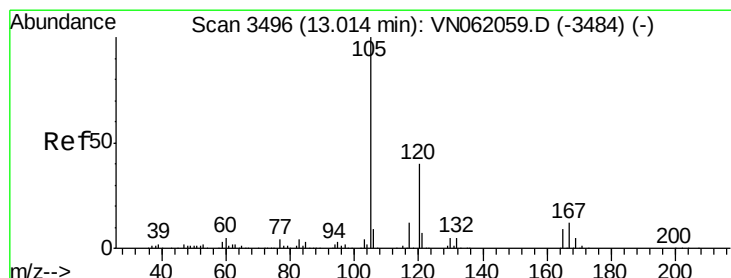
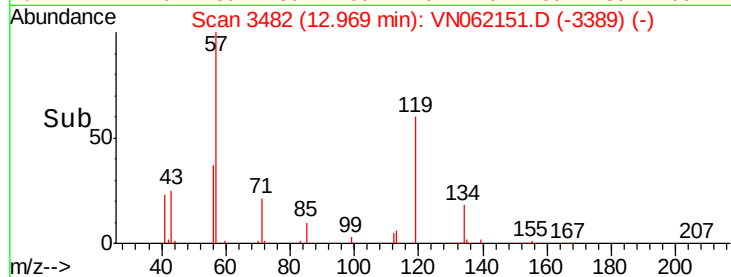
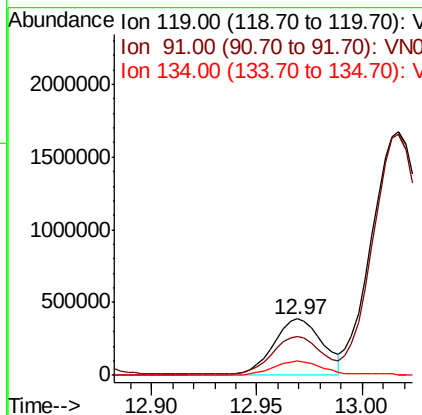
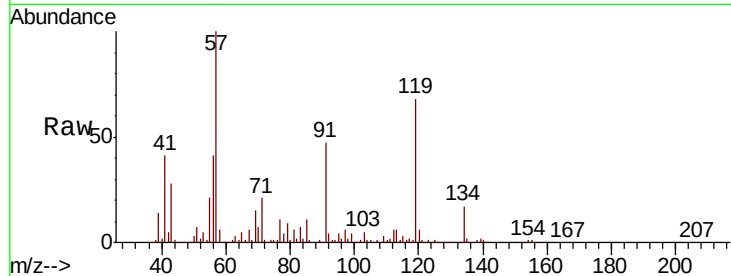




#83
 tert-Butylbenzene
 Concen: 46.009 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062151.D
 Acq: 26 Jun 2020 19:51

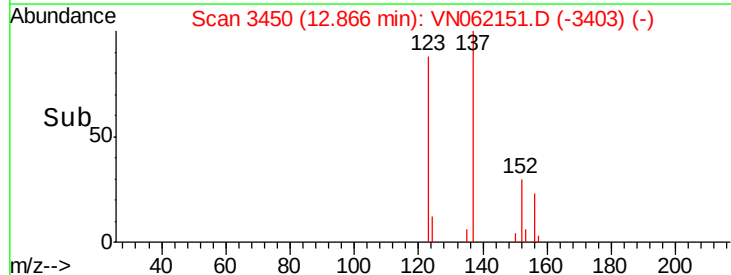
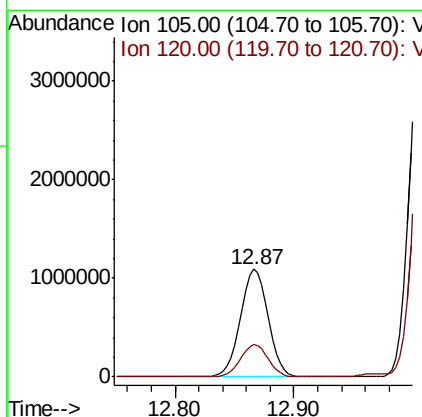
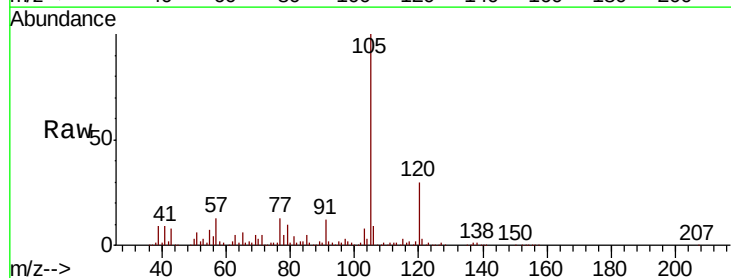
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MS

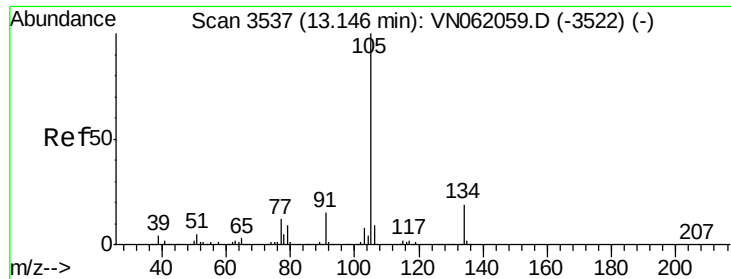
Tot Ion:119 Resp: 626730
 Ion Ratio Lower Upper
 119 100
 91 67.9 31.7 95.1
 134 27.3 13.1 39.1



#84
 1,2,4-Trimethylbenzene
 Concen: 110.239 ug/l
 RT: 12.87 min Scan# 3450
 Delta R.T. -0.15 min
 Lab File: VN062151.D
 Acq: 26 Jun 2020 19:51

Tgt Ion:105 Resp: 1752462
 Ion Ratio Lower Upper
 105 100
 120 30.1 23.2 69.5





#85

sec-Butylbenzene

Concen: 94.960 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062151.D

Acq: 26 Jun 2020 19:51

Instrument :

MSVOA_N

ClientSampleId :

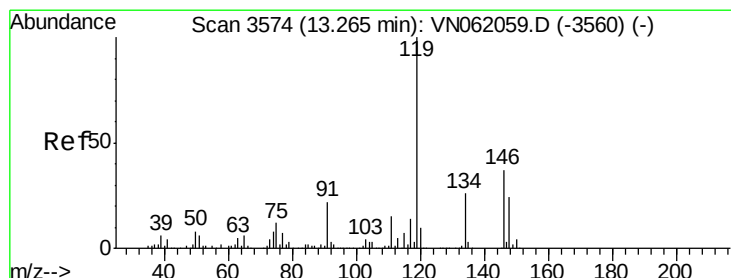
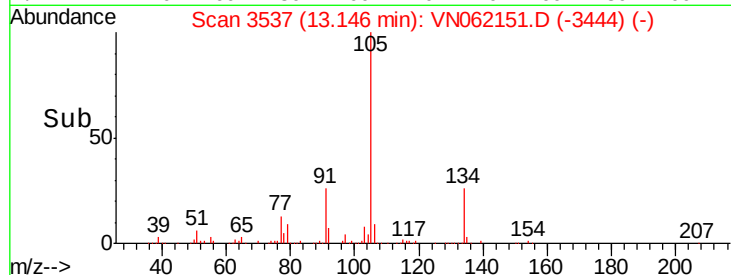
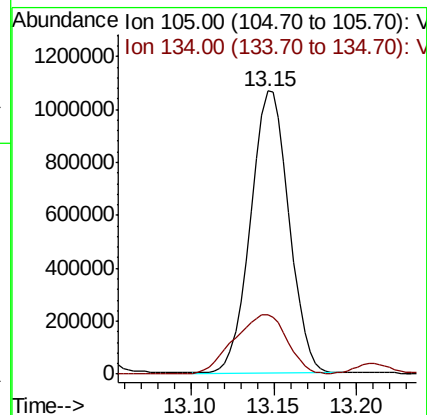
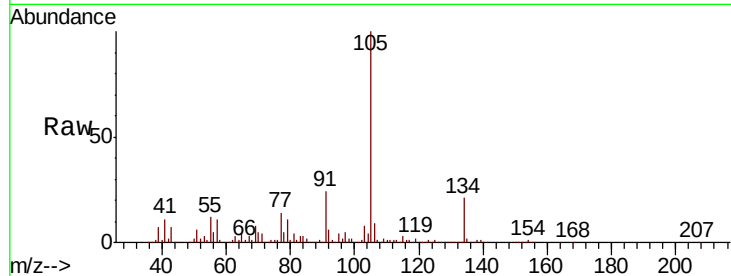
MW-27(16.5-18.5)MS

Tot Ion:105 Resp: 1709245

Ion Ratio Lower Upper

105 100

134 29.4 9.7 29.1#



#86

p-Isopropyltoluene

Concen: 78.353 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062151.D

Acq: 26 Jun 2020 19:51

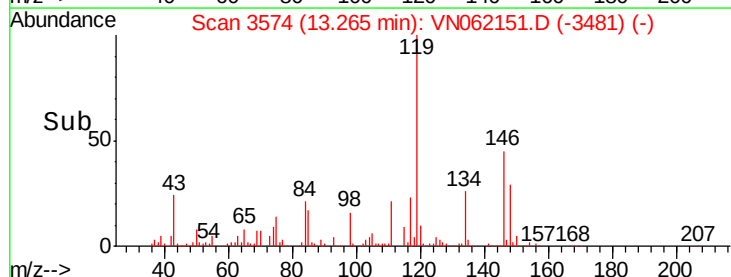
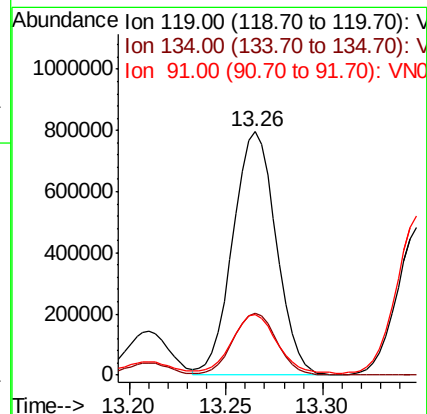
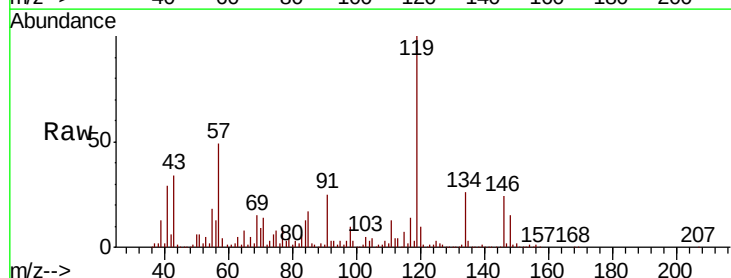
Tgt Ion:119 Resp: 1235605

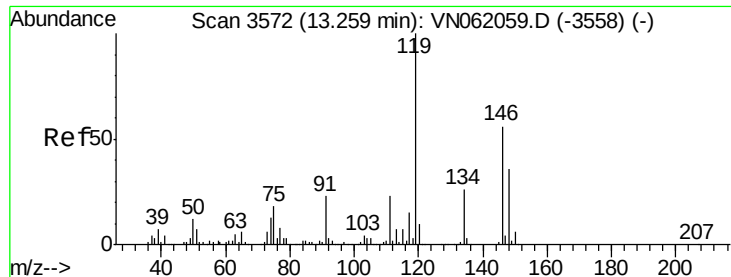
Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

91 24.4 11.3 33.8

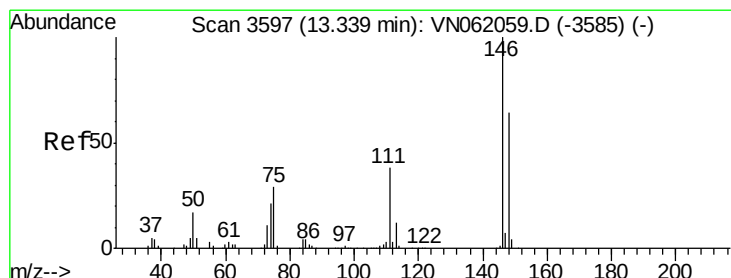
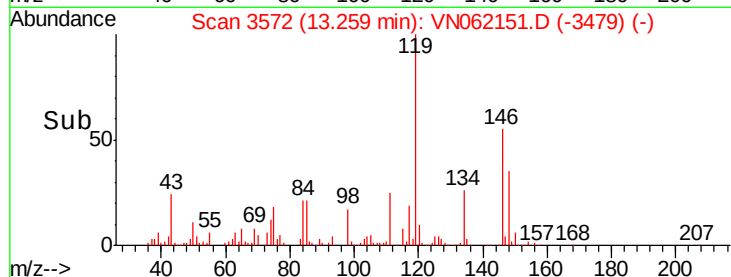
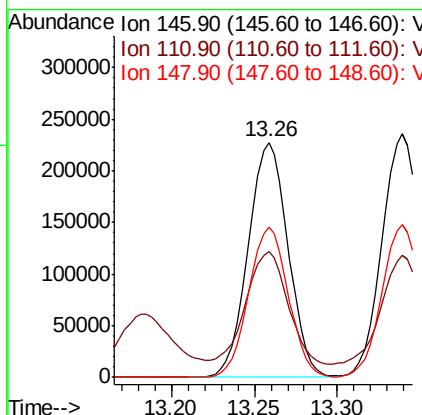
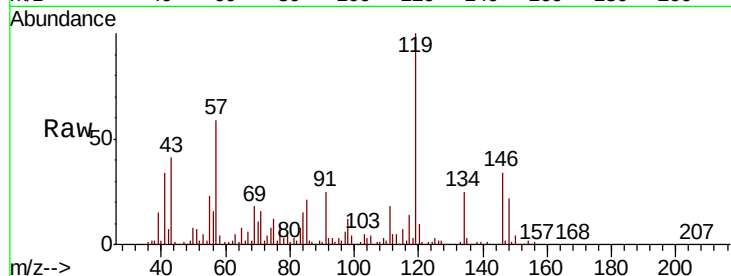




#87
 1,3-Dichlorobenzene
 Concen: 44.373 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062151.D
 Acq: 26 Jun 2020 19:51

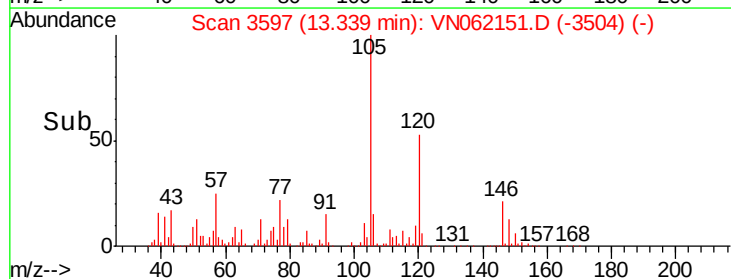
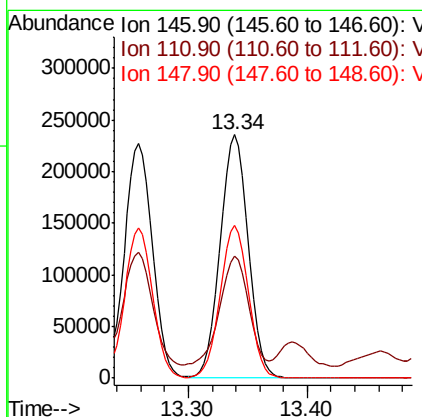
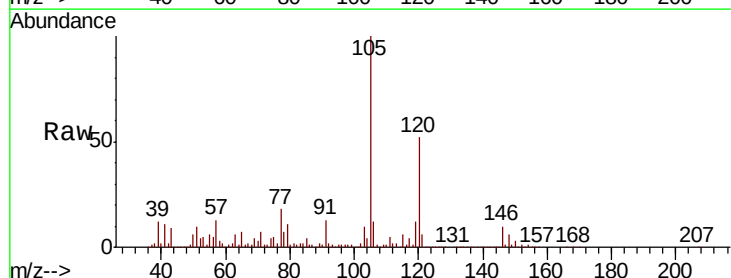
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MS

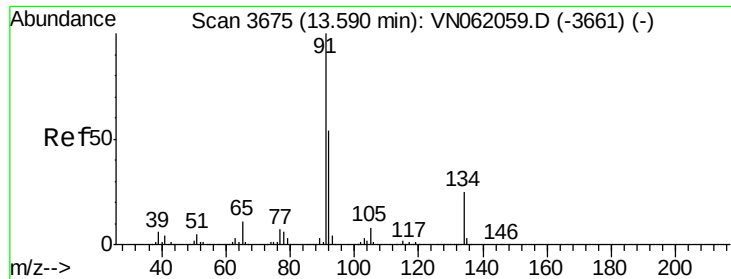
Tot Ion:146 Resp: 379832
 Ion Ratio Lower Upper
 146 100
 111 49.9 20.3 61.0
 148 63.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 43.748 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062151.D
 Acq: 26 Jun 2020 19:51

Tgt Ion:146 Resp: 386019
 Ion Ratio Lower Upper
 146 100
 111 45.5 19.9 59.6
 148 63.0 31.9 95.9

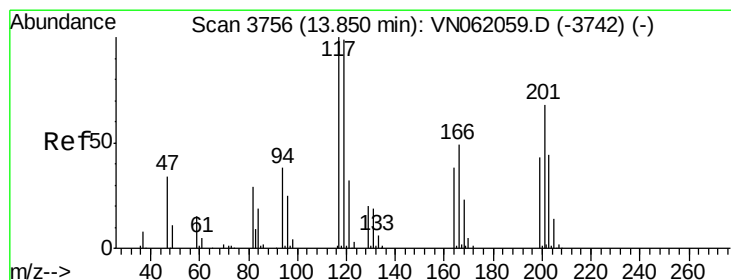
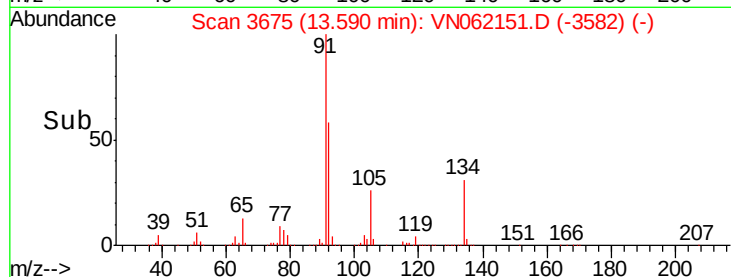
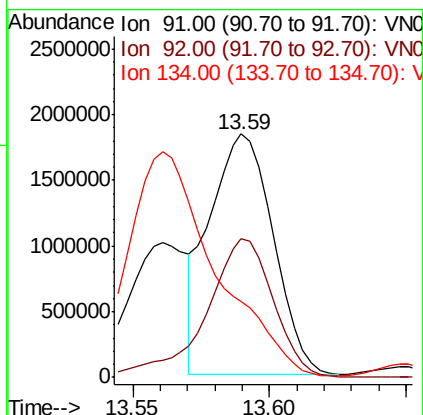
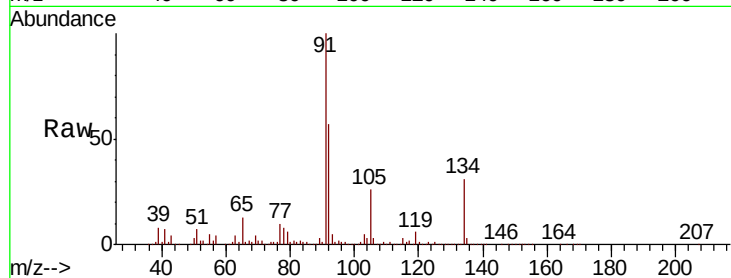




#89
n-Butylbenzene
Concen: 225.839 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062151.D
Acq: 26 Jun 2020 19:51

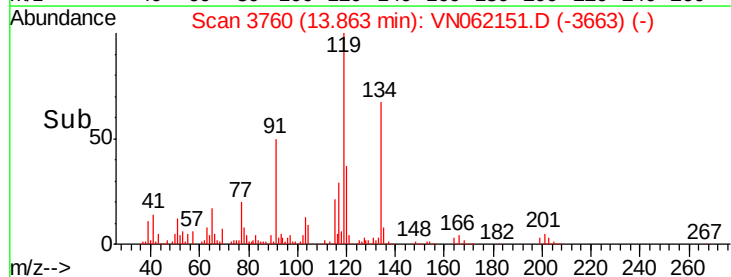
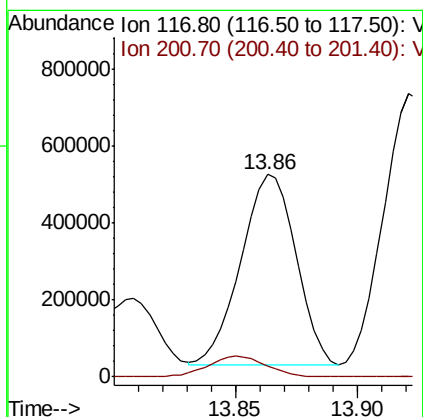
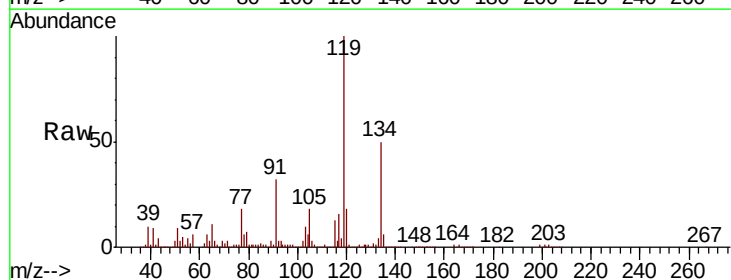
Instrument :
MSVOA_N
ClientSampleId :
MW-27(16.5-18.5)MS

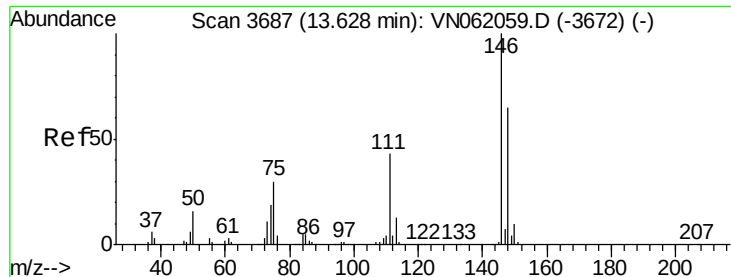
Tot Ion: 91 Resp: 2960908
Ion Ratio Lower Upper
91 100
92 60.7 26.6 79.7
134 0.0 12.3 36.9#



#90
Hexachloroethane
Concen: 251.457 ug/l
RT: 13.86 min Scan# 3760
Delta R.T. 0.01 min
Lab File: VN062151.D
Acq: 26 Jun 2020 19:51

Tgt Ion: 117 Resp: 778010
Ion Ratio Lower Upper
117 100
201 11.5 32.7 98.1#

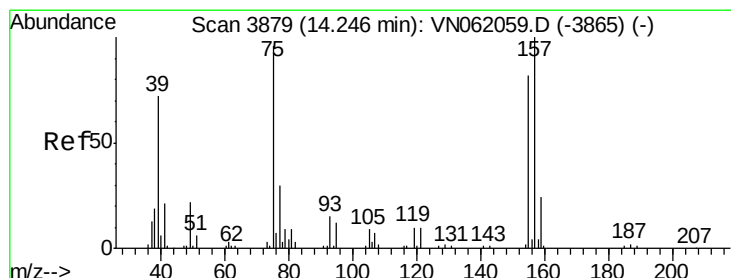
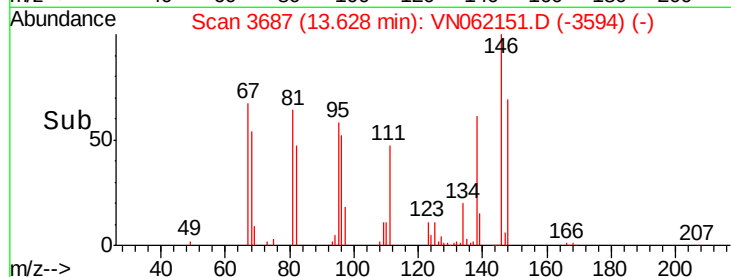
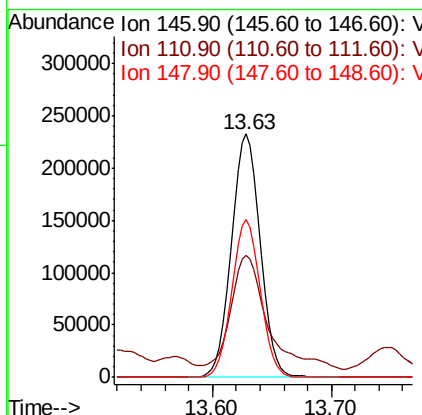
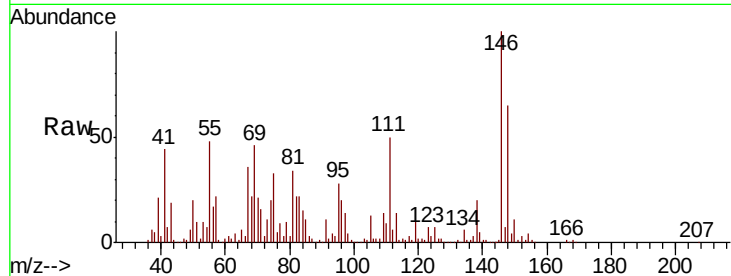




#91
 1,2-Dichlorobenzene
 Concen: 46.958 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062151.D
 Acq: 26 Jun 2020 19:51

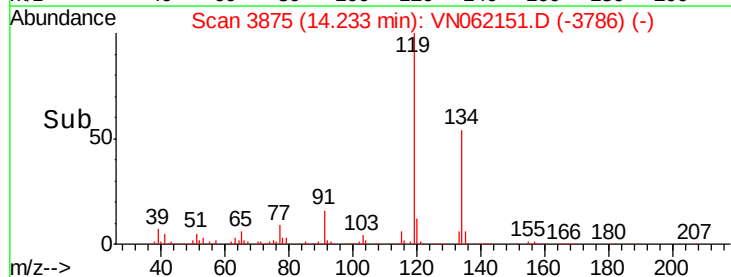
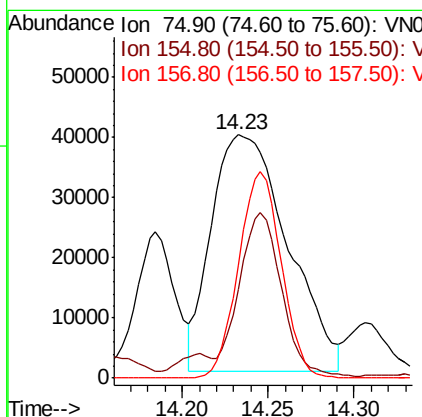
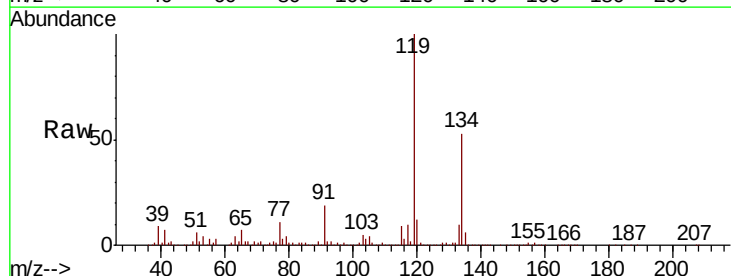
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MS

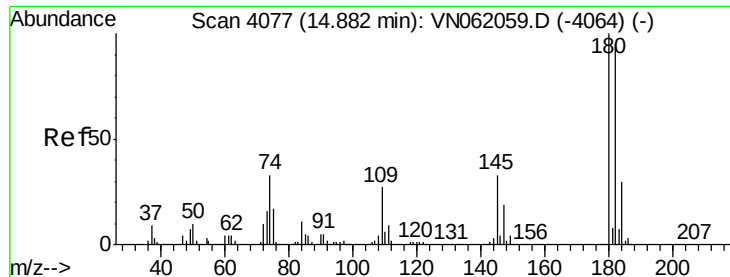
Tot Ion:146 Resp: 389779
 Ion Ratio Lower Upper
 146 100
 111 58.7 21.2 63.6
 148 64.0 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 115.725 ug/l
 RT: 14.23 min Scan# 3875
 Delta R.T. -0.01 min
 Lab File: VN062151.D
 Acq: 26 Jun 2020 19:51

Tgt Ion: 75 Resp: 121130
 Ion Ratio Lower Upper
 75 100
 155 38.6 40.8 122.4#
 157 49.0 51.4 154.3#

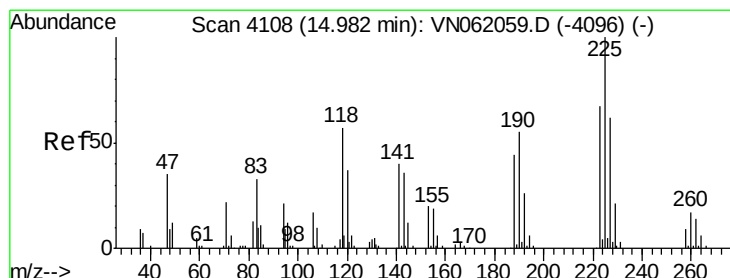
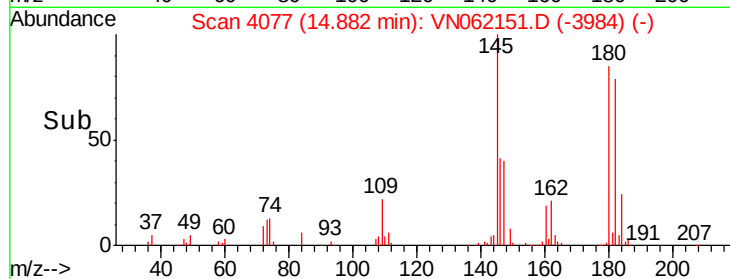
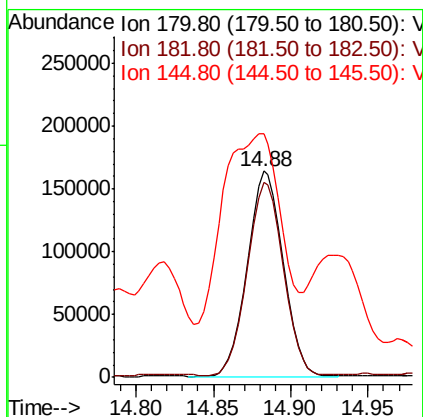
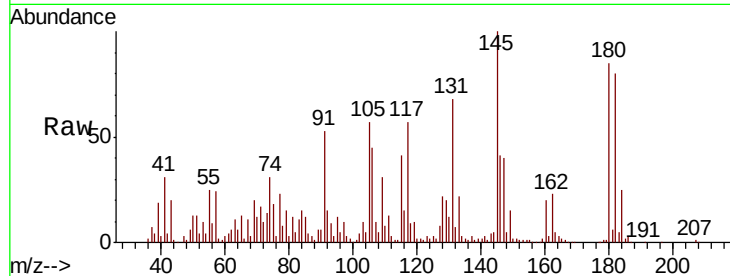




#93
 1,2,4-Trichlorobenzene
 Concen: 72.725 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062151.D
 Acq: 26 Jun 2020 19:51

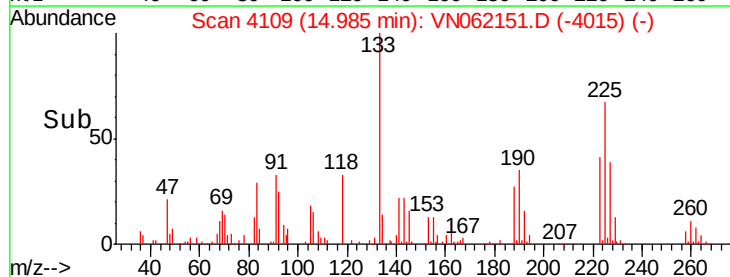
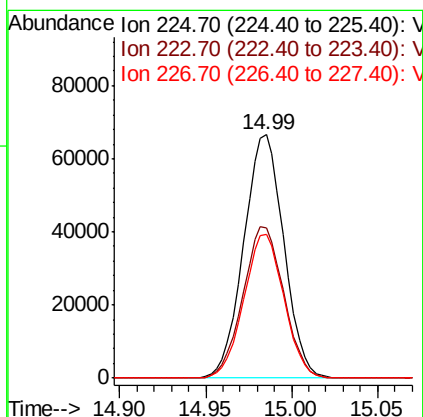
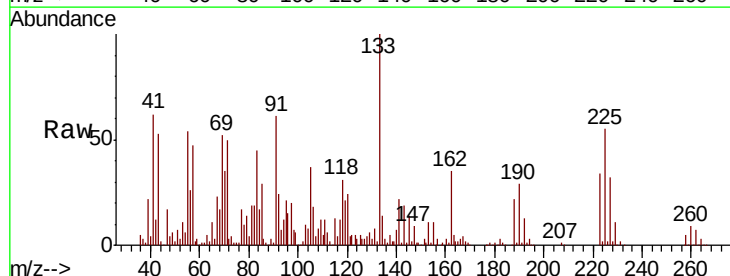
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27(16.5-18.5)MS

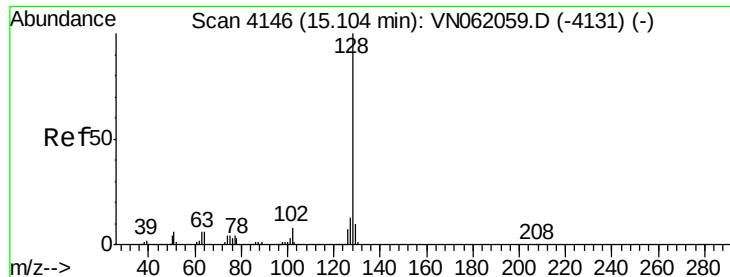
Tot Ion:180 Resp: 263712
 Ion Ratio Lower Upper
 180 100
 182 94.4 48.0 144.2
 145 176.4 16.0 48.0#



#94
 Hexachlorobutadiene
 Concen: 68.245 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062151.D
 Acq: 26 Jun 2020 19:51

Tgt Ion:225 Resp: 107482
 Ion Ratio Lower Upper
 225 100
 223 63.3 32.9 98.7
 227 58.9 31.3 93.8





#95

Naphthalene

Concen: 451.564 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062151.D

Acq: 26 Jun 2020 19:51

Instrument :

MSVOA_N

ClientSampleId :

MW-27(16.5-18.5)MS

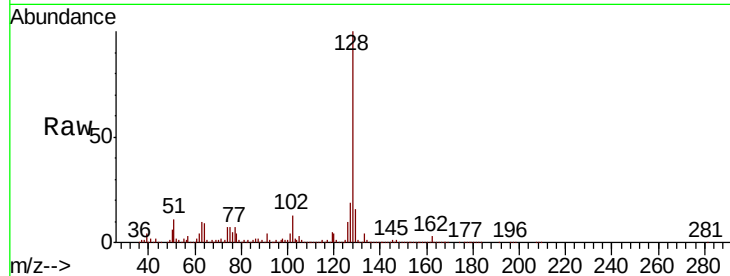
Tot Ion:128 Resp: 5881179

Ion Ratio Lower Upper

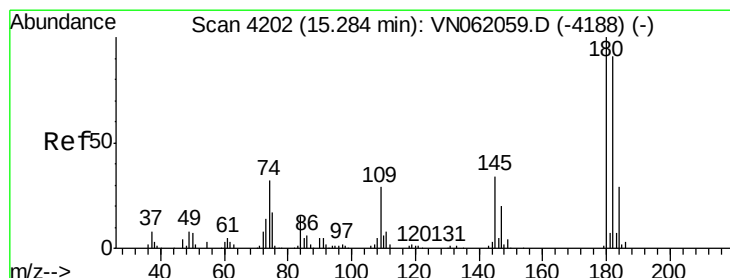
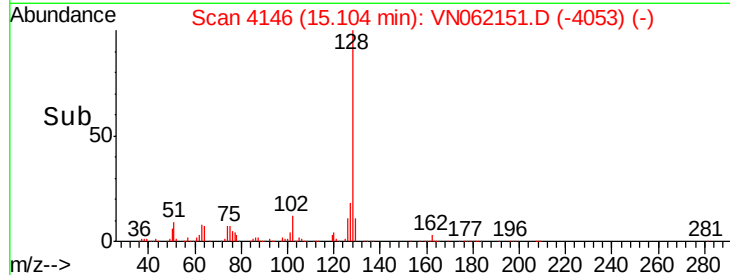
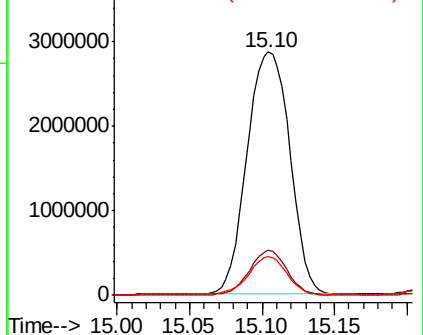
128 100

127 15.9 10.5 15.7#

129 13.8 8.6 13.0#



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



#96

1,2,3-Trichlorobenzene

Concen: 68.043 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062151.D

Acq: 26 Jun 2020 19:51

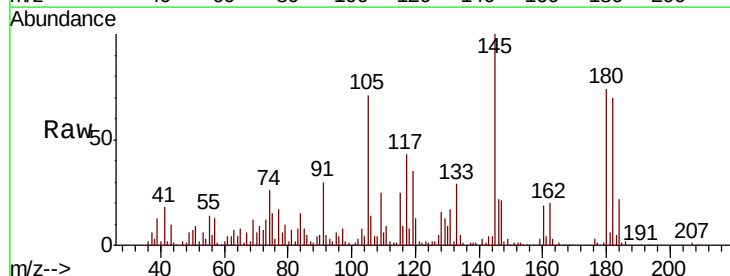
Tgt Ion:180 Resp: 252287

Ion Ratio Lower Upper

180 100

182 93.3 46.8 140.4

145 0.0 16.4 49.2#



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

