

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062312.D
 Acq On : 2 Jul 2020 1:08
 Operator : JC/MD
 Sample : VN0701WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBS02

Quant Time: Jul 02 06:58:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	188450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	356627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	331808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	143926	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	156267	59.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.18%	
35) Dibromofluoromethane	7.55	113	118397	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
50) Toluene-d8	10.06	98	458135	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.38	95	151479	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	38832	18.230	ug/l	99
3) Chloromethane	2.03	50	56802	21.899	ug/l	99
4) Vinyl Chloride	2.16	62	65323	19.473	ug/l	98
5) Bromomethane	2.53	94	41513	19.148	ug/l	99
6) Chloroethane	2.67	64	46369	20.235	ug/l	97
7) Trichlorofluoromethane	2.98	101	73974	17.897	ug/l	100
8) Diethyl Ether	3.37	74	31974	22.153	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	41722	19.275	ug/l	97
10) Methyl Iodide	3.91	142	47145	19.340	ug/l	98
11) Tert butyl alcohol	4.73	59	45703	120.365	ug/l #	81
12) 1,1-Dichloroethene	3.70	96	44843	20.724	ug/l	98
13) Acrolein	3.56	56	34923	93.941	ug/l	100
14) Allyl chloride	4.27	41	67144	22.791	ug/l	94
15) Acrylonitrile	4.93	53	125649	121.434	ug/l	99
16) Acetone	3.78	43	100165	118.536	ug/l	99
17) Carbon Disulfide	4.01	76	121351	19.610	ug/l	98
18) Methyl Acetate	4.28	43	52254	24.856	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	158069	22.861	ug/l	99
20) Methylene Chloride	4.50	84	59245	24.292	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	48397	19.633	ug/l	89
22) Diisopropyl ether	5.90	45	161459	24.070	ug/l	94
23) Vinyl Acetate	5.84	43	637684	116.437	ug/l	100
24) 1,1-Dichloroethane	5.80	63	99622	23.063	ug/l	96
25) 2-Butanone	6.79	43	151489	117.194	ug/l	96
26) 2,2-Dichloropropane	6.77	77	60672	16.856	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	58117	20.952	ug/l	98
28) Bromochloromethane	7.15	49	37106	19.799	ug/l	89
29) Tetrahydrofuran	7.17	42	103935	122.747	ug/l	97
30) Chloroform	7.33	83	97275	22.134	ug/l	100
31) Cyclohexane	7.62	56	73841	20.210	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	76667	20.686	ug/l	97
36) 1,1-Dichloropropene	7.75	75	67311	18.778	ug/l	97
37) Ethyl Acetate	6.88	43	68049	22.925	ug/l	97
38) Carbon Tetrachloride	7.73	117	61568	18.218	ug/l	98

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Quant Time: Jul 02 06:58:08 2020
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 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	65610	16.705	ug/l	97
40) Benzene	8.00	78	219741	20.112	ug/l	98
41) Methacrylonitrile	7.13	41	27860	20.246	ug/l #	76
42) 1,2-Dichloroethane	8.09	62	77576	21.015	ug/l	99
43) Isopropyl Acetate	8.13	43	104649	21.627	ug/l	99
44) Trichloroethene	8.80	130	48810	17.710	ug/l	94
45) 1,2-Dichloropropane	9.09	63	57332	21.270	ug/l	98
46) Dibromomethane	9.18	93	38373	20.997	ug/l	93
47) Bromodichloromethane	9.37	83	76839	20.823	ug/l	100
48) Methyl methacrylate	9.17	41	49329	22.737	ug/l	92
49) 1,4-Dioxane	9.17	88	20874	433.855	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	326059	115.334	ug/l	99
52) Toluene	10.12	92	133383	20.008	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	79032	19.467	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	86575	20.030	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	55493	21.176	ug/l	99
56) Ethyl methacrylate	10.40	69	72427	20.710	ug/l	96
57) 1,3-Dichloropropane	10.68	76	94915	21.043	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	124122	94.096	ug/l	97
59) 2-Hexanone	10.72	43	233164	114.216	ug/l	97
60) Dibromochloromethane	10.87	129	54650	19.698	ug/l	99
61) 1,2-Dibromoethane	10.98	107	54241	20.144	ug/l	99
64) Tetrachloroethene	10.60	164	38284	16.891	ug/l	94
65) Chlorobenzene	11.41	112	136966	18.797	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	49746	19.743	ug/l	99
67) Ethyl Benzene	11.48	91	234880	19.086	ug/l	99
68) m/p-Xylenes	11.60	106	177612	37.315	ug/l	97
69) o-Xylene	11.92	106	85655	19.073	ug/l	96
70) Styrene	11.94	104	143103	19.107	ug/l	98
71) Bromoform	12.10	173	33567	18.737	ug/l #	99
73) Isopropylbenzene	12.22	105	220017	19.748	ug/l	99
74) N-amyl acetate	12.05	43	81287	21.838	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	83900	22.630	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	98979	29.213	ug/l #	100
77) Bromobenzene	12.50	156	55114	19.926	ug/l	92
78) n-propylbenzene	12.57	91	255266	20.031	ug/l	98
79) 2-Chlorotoluene	12.65	91	158292	20.546	ug/l	96
80) 1,3,5-Trimethylbenzene	12.71	105	182934	20.255	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	22092	19.042	ug/l	91
82) 4-Chlorotoluene	12.75	91	160198	20.108	ug/l	99
83) tert-Butylbenzene	12.97	119	147518	19.086	ug/l	95
84) 1,2,4-Trimethylbenzene	13.01	105	182920	20.279	ug/l	98
85) sec-Butylbenzene	13.15	105	204485	20.022	ug/l	98
86) p-Isopropyltoluene	13.26	119	173660	19.408	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	93789	19.310	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	92675	18.510	ug/l	98
89) n-Butylbenzene	13.59	91	137389	18.468	ug/l	98
90) Hexachloroethane	13.85	117	33865	19.290	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	90835	19.286	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	12821	21.587	ug/l	91

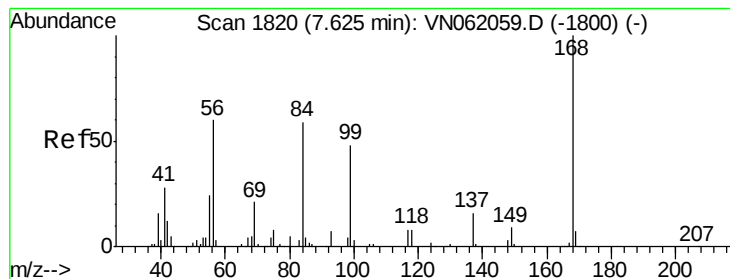
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
Data File : VN062312.D
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	35877	17.437	ug/l	96
94) Hexachlorobutadiene	14.99	225	15925	17.820	ug/l	98
95) Naphthalene	15.10	128	101623	17.625	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	37599	17.872	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

Instrument :

MSVOA_N

ClientSampleId :

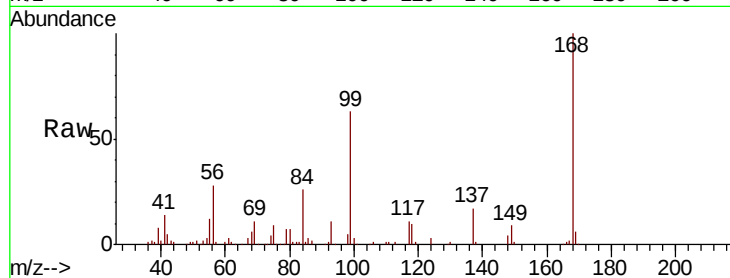
VN0701WBS02

Tot Ion:168 Resp: 188450

Ion Ratio Lower Upper

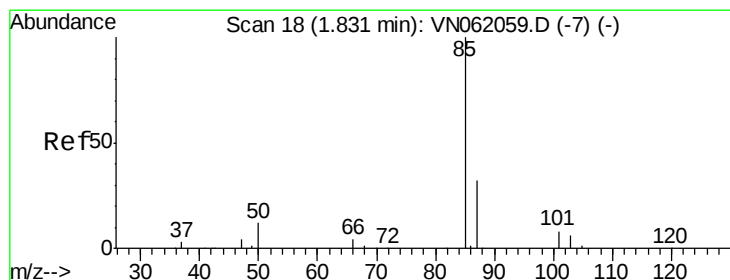
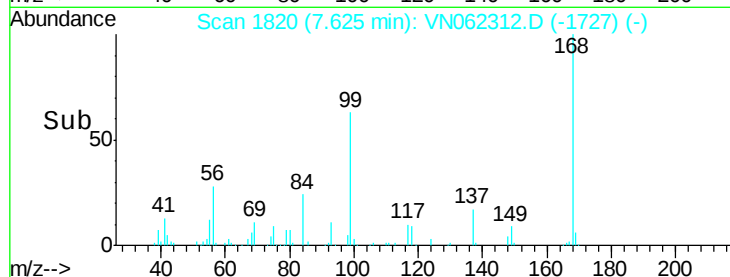
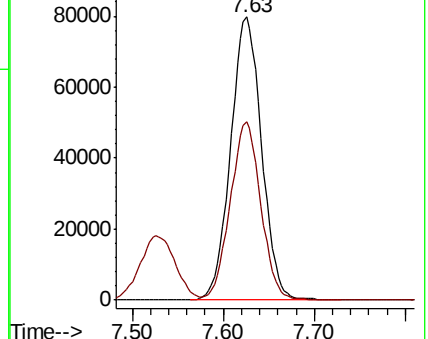
168 100

99 62.9 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: 18.230 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062312.D

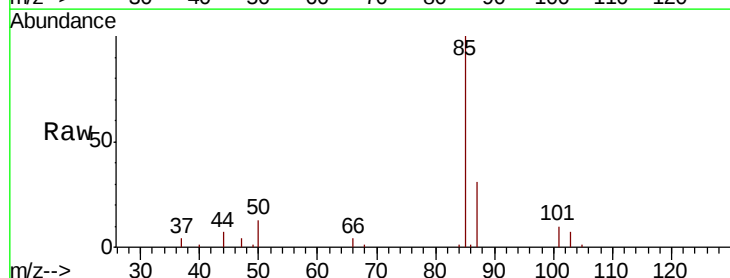
Acq: 2 Jul 2020 1:08

Tgt Ion: 85 Resp: 38832

Ion Ratio Lower Upper

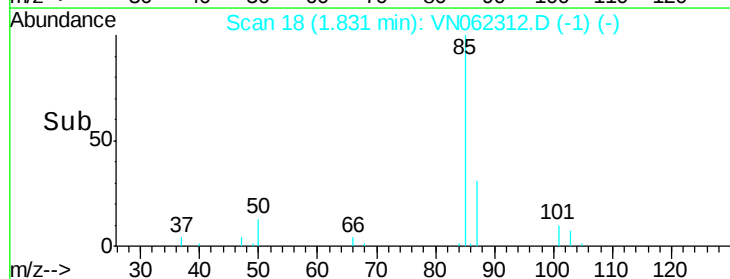
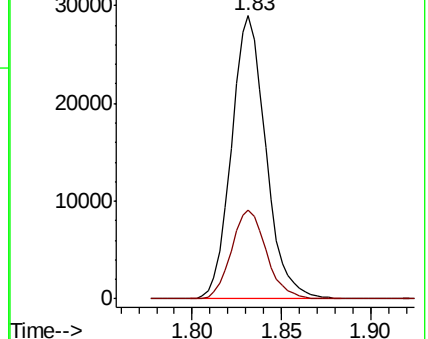
85 100

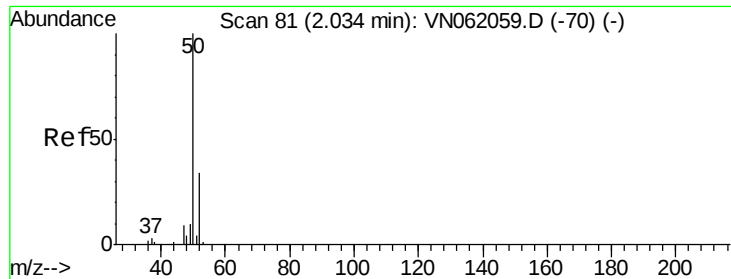
87 31.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

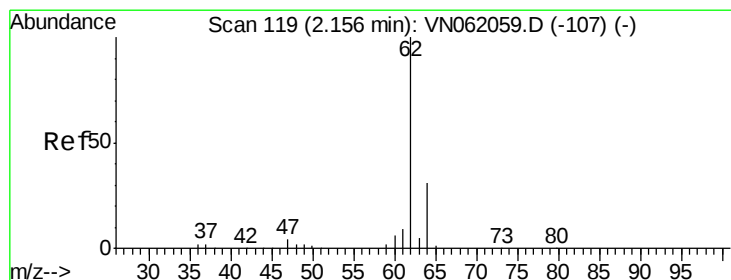
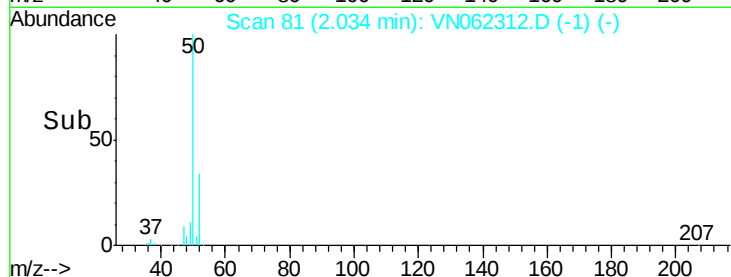
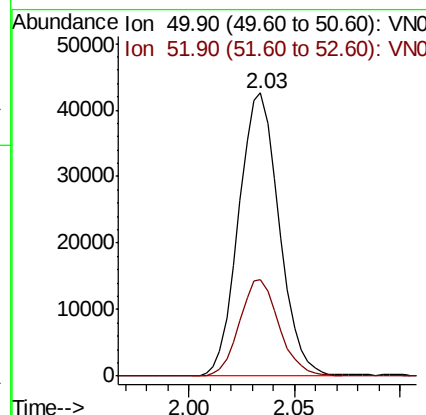
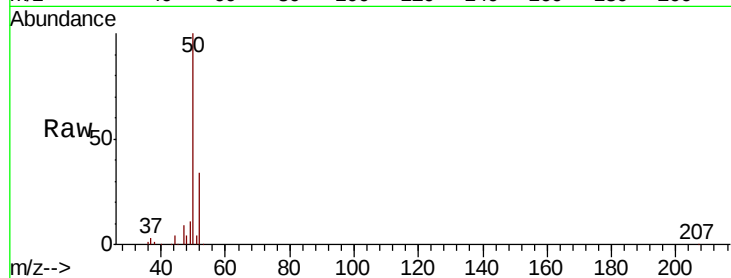




#3
Chloromethane
Concen: 21.899 ug/l
RT: 2.03 min Scan# 81
Delta R.T. 0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

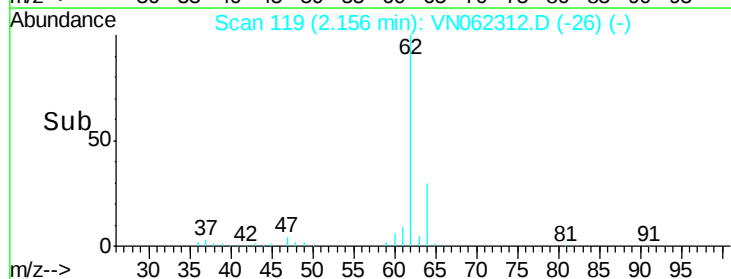
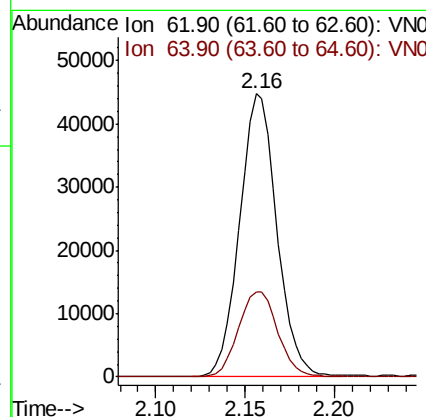
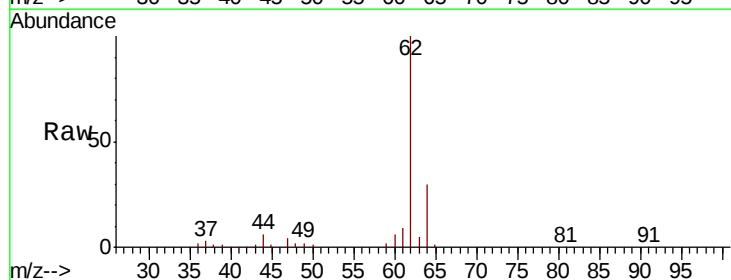
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBS02

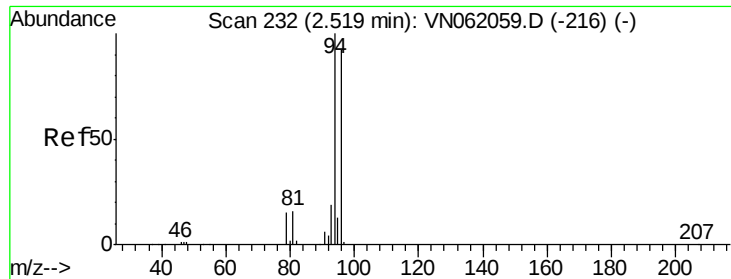
Tot Ion: 50 Resp: 56802
Ion Ratio Lower Upper
50 100
52 34.3 27.0 40.6



#4
Vinyl Chloride
Concen: 19.473 ug/l
RT: 2.16 min Scan# 119
Delta R.T. -0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

Tgt Ion: 62 Resp: 65323
Ion Ratio Lower Upper
62 100
64 30.2 25.1 37.7





#5

Bromomethane

Concen: 19.148 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.01 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

Instrument :

MSVOA_N

ClientSampleId :

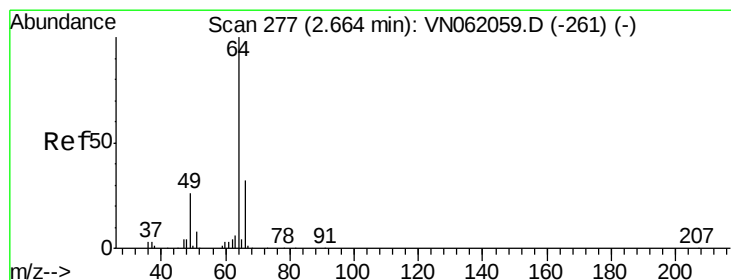
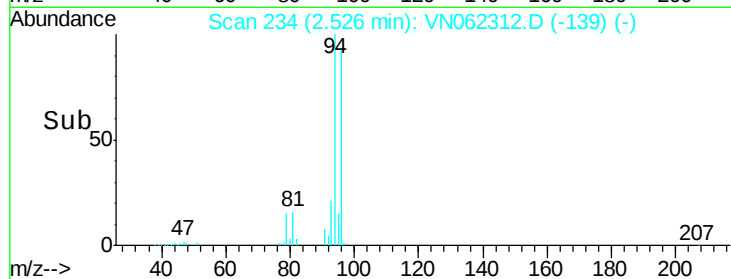
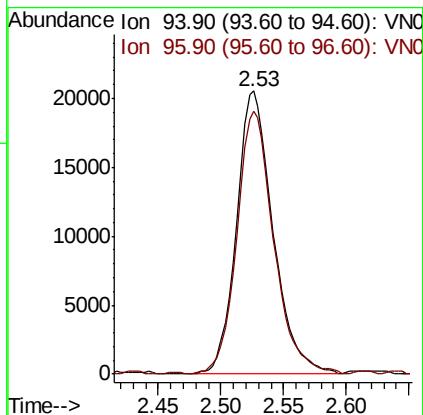
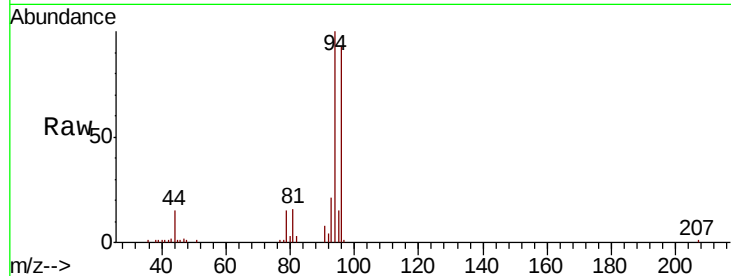
VN0701WBS02

Tot Ion: 94 Resp: 41513

Ion Ratio Lower Upper

94 100

96 92.7 73.4 110.2



#6

Chloroethane

Concen: 20.235 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062312.D

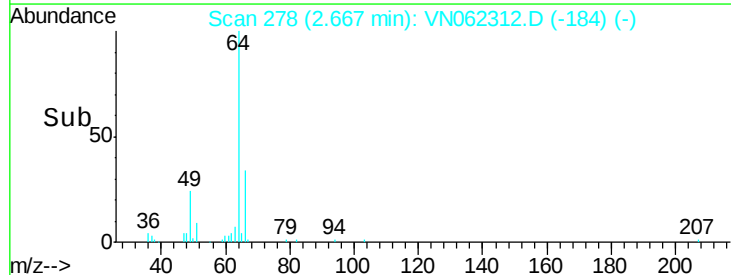
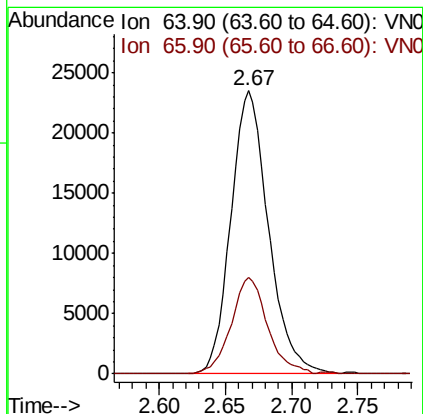
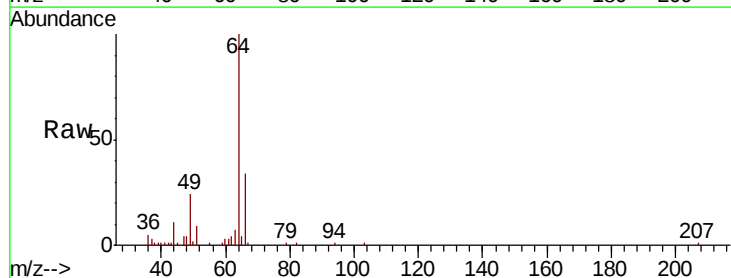
Acq: 2 Jul 2020 1:08

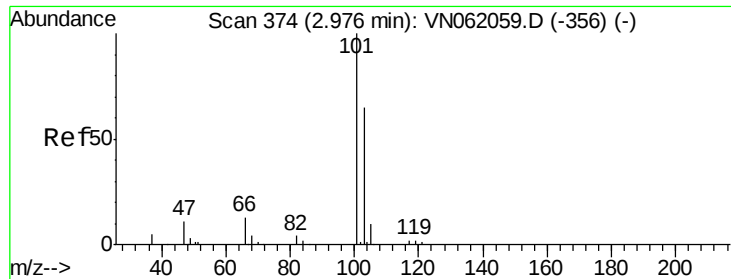
Tgt Ion: 64 Resp: 46369

Ion Ratio Lower Upper

64 100

66 34.0 25.8 38.6



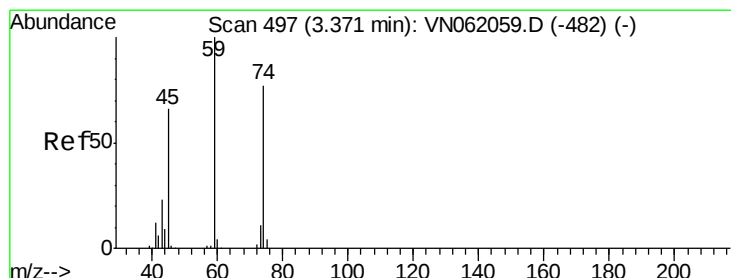
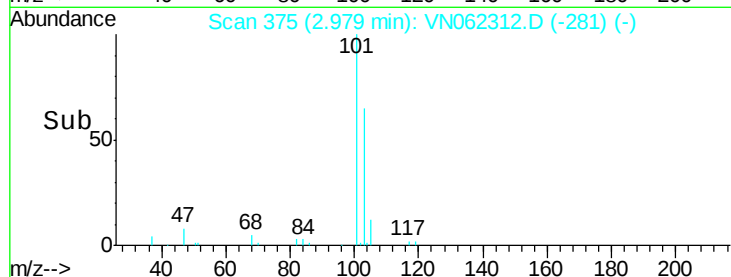
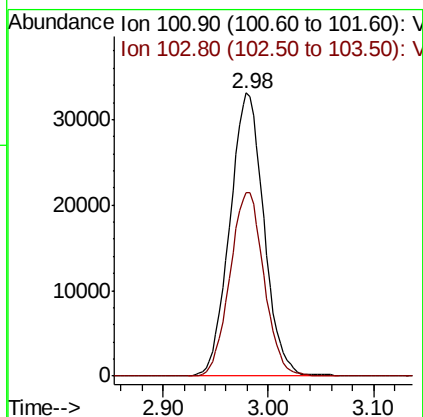
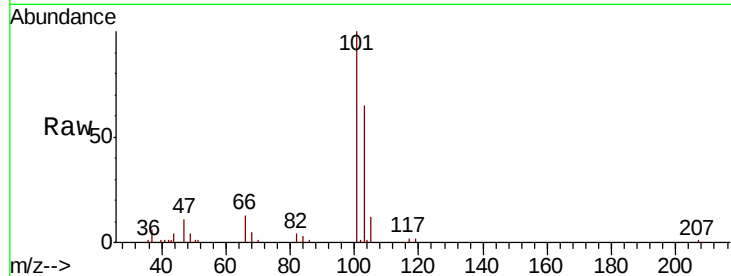


#7

Trichlorofluoromethane
 Concen: 17.897 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN062312.D
 Acq: 2 Jul 2020 1:08

Instrument :
 MSVOA_N
 ClientSampleId :
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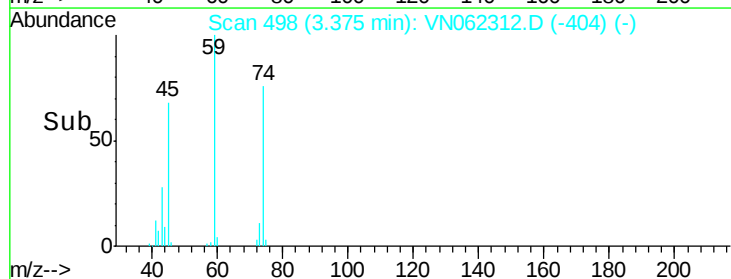
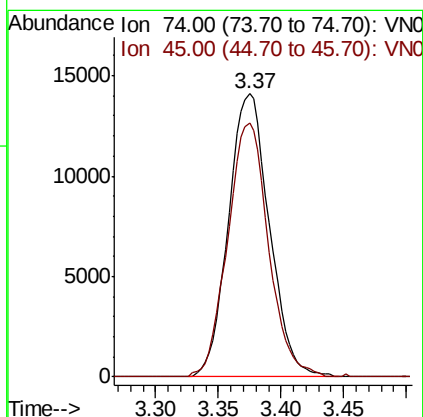
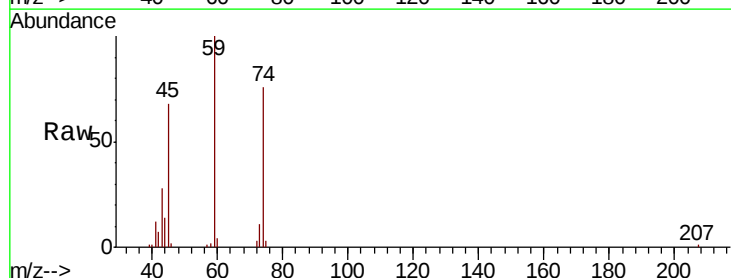
Tot Ion:101 Resp: 73974
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.8 77.6

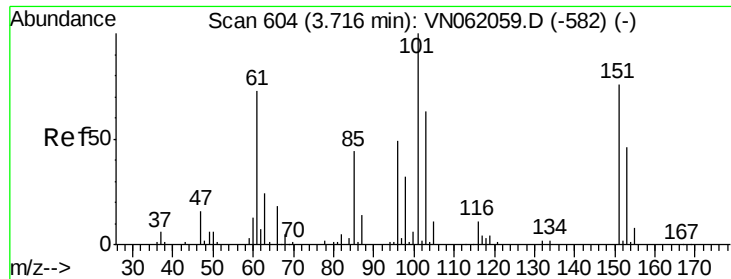


#8

Diethyl Ether
 Concen: 22.153 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062312.D
 Acq: 2 Jul 2020 1:08

Tgt Ion: 74 Resp: 31974
 Ion Ratio Lower Upper
 74 100
 45 89.5 42.5 127.5

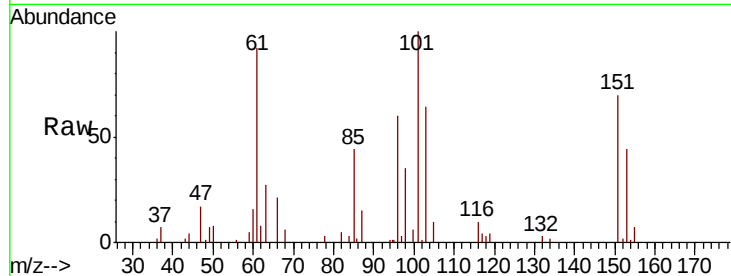




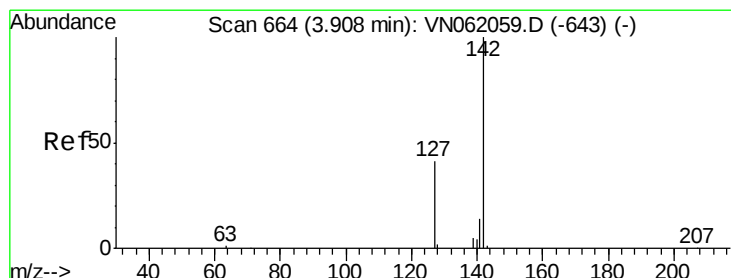
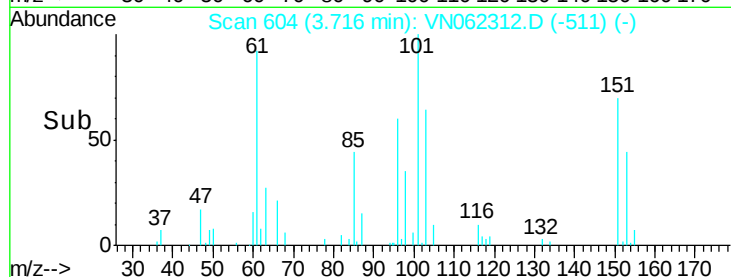
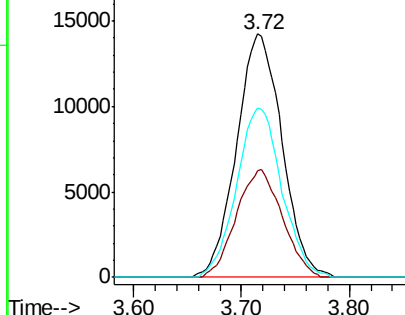
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.275 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN062312.D
 Acq: 2 Jul 2020 1:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBS02

Tot Ion:101 Resp: 41722
 Ion Ratio Lower Upper
 101 100
 85 44.8 34.5 51.7
 151 69.3 57.8 86.8

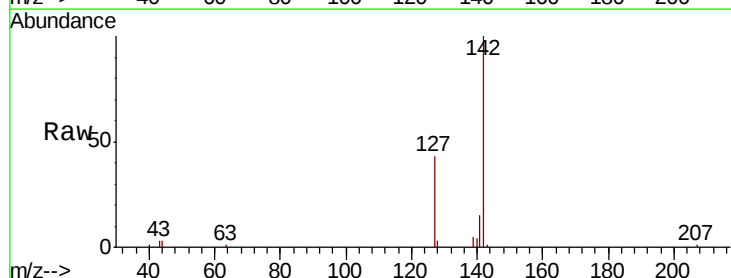


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

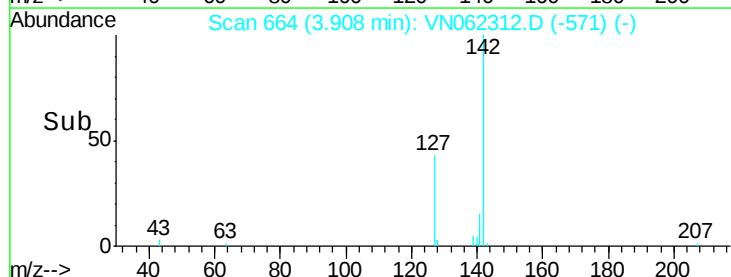
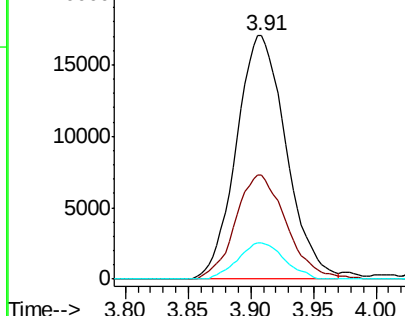


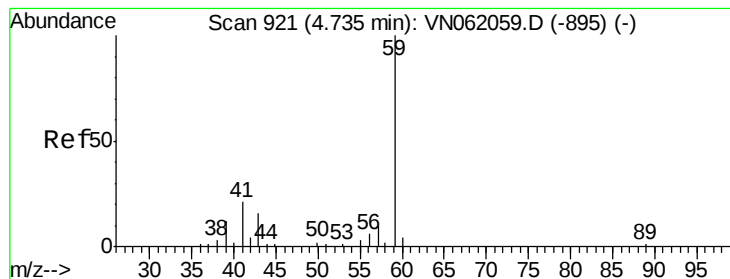
#10
 Methyl Iodide
 Concen: 19.340 ug/l
 RT: 3.91 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: VN062312.D
 Acq: 2 Jul 2020 1:08

Tgt Ion:142 Resp: 47145
 Ion Ratio Lower Upper
 142 100
 127 43.6 33.6 50.4
 141 13.9 11.3 16.9



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





#11

Tert butyl alcohol

Concen: 120.365 ug/l

RT: 4.73 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

Instrument :

MSVOA_N

ClientSampleId :

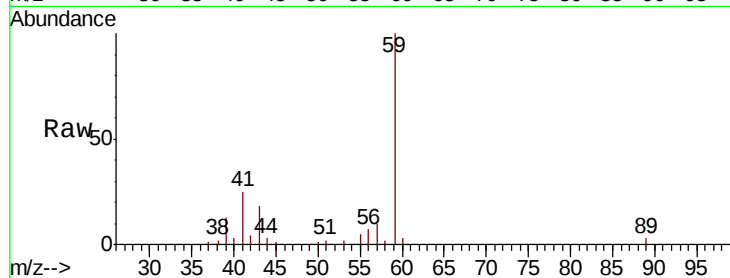
VN0701WBS02

Tot Ion: 59 Resp: 45703

Ion Ratio Lower Upper

59 100

57 3.4 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VN062312.D (-828) (-)

Ion 57.00 (56.70 to 57.70): VN062312.D (-828) (-)

4.73

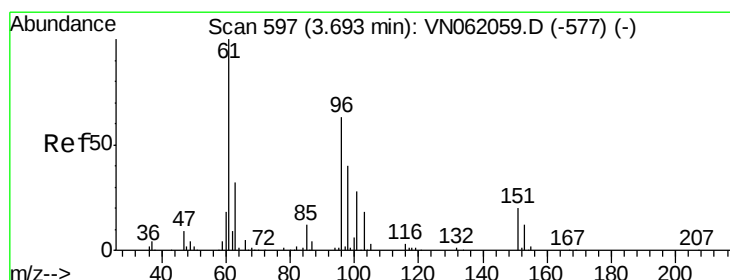
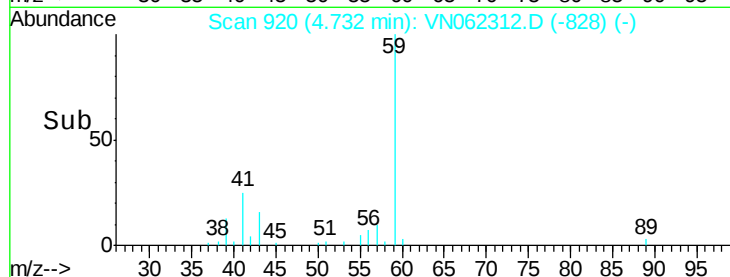
15000

10000

5000

0

Time-->



#12

1,1-Dichloroethene

Concen: 20.724 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

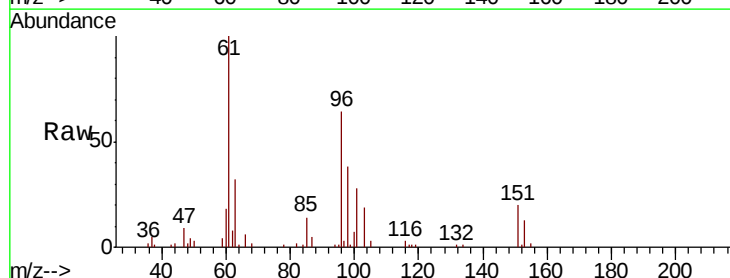
Tgt Ion: 96 Resp: 44843

Ion Ratio Lower Upper

96 100

61 157.3 126.7 190.1

98 59.2 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN062312.D (-504) (-)

Ion 60.90 (60.60 to 61.60): VN062312.D (-504) (-)

Ion 97.90 (97.60 to 98.60): VN062312.D (-504) (-)

3.70

40000

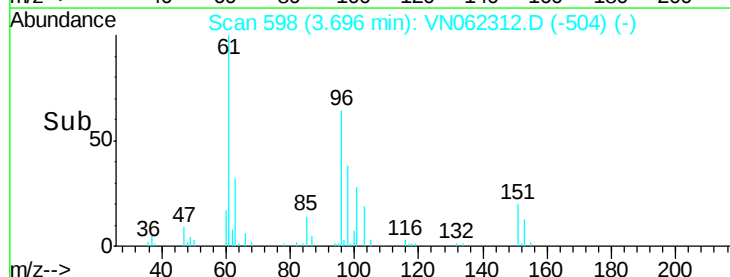
30000

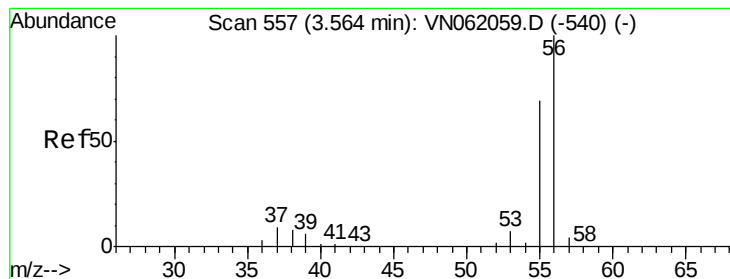
20000

10000

0

Time-->





#13

Acrolein

Concen: 93.941 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

Instrument :

MSVOA_N

ClientSampleId :

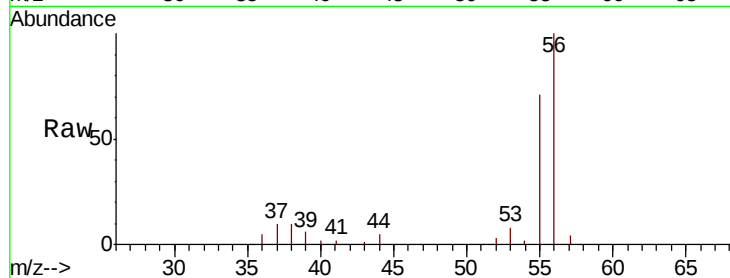
VN0701WBS02

Tot Ion: 56 Resp: 34923

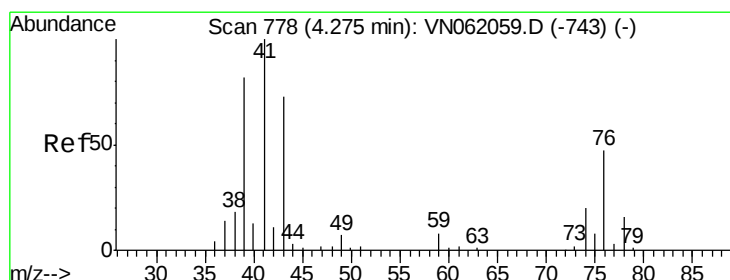
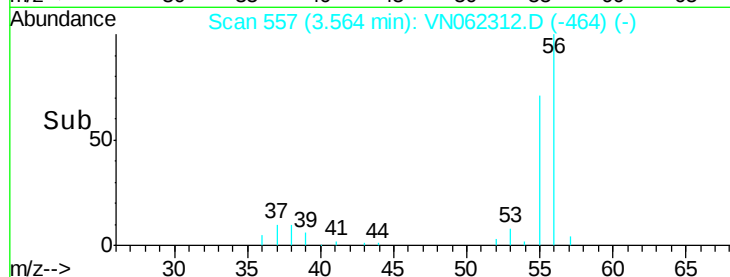
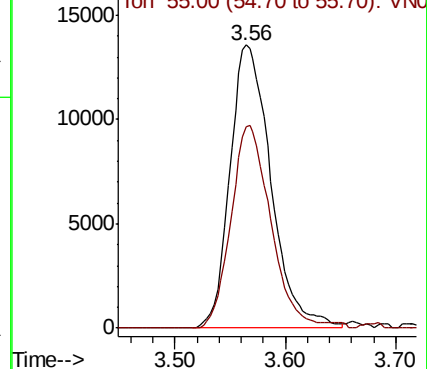
Ion Ratio Lower Upper

56 100

55 69.1 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VN062312.D (-464) (-)



#14

Allyl chloride

Concen: 22.791 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

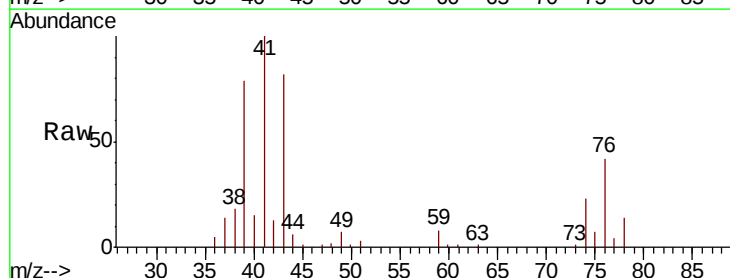
Tgt Ion: 41 Resp: 67144

Ion Ratio Lower Upper

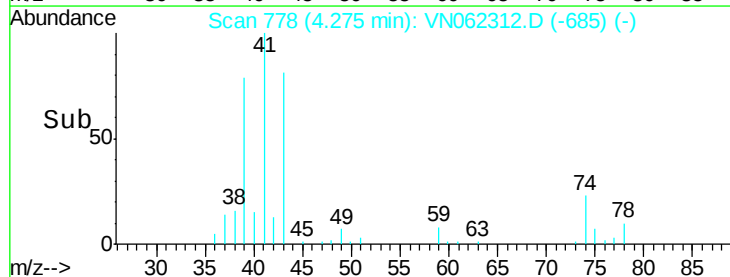
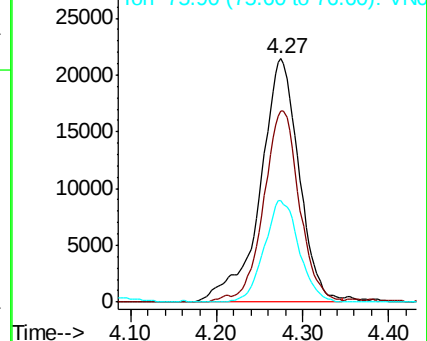
41 100

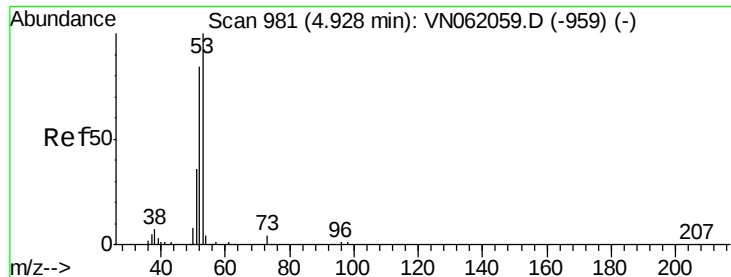
39 70.6 60.0 90.0

76 37.5 34.1 51.1



Abundance Ion 41.00 (40.70 to 41.70): VN062312.D (-685) (-)





#15

Acrylonitrile

Concen: 121.434 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBS02

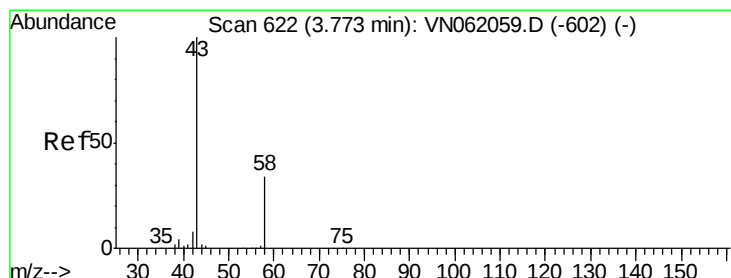
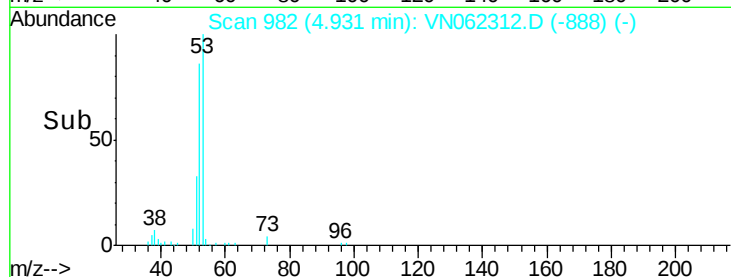
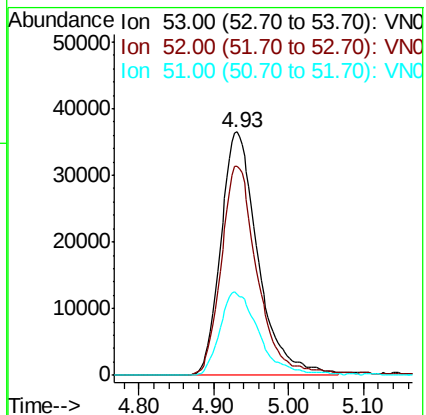
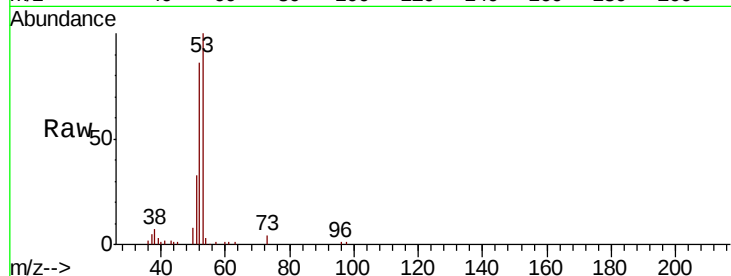
Tot Ion: 53 Resp: 125649

Ion Ratio Lower Upper

53 100

52 84.0 66.2 99.4

51 35.6 28.9 43.3



#16

Acetone

Concen: 118.536 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062312.D

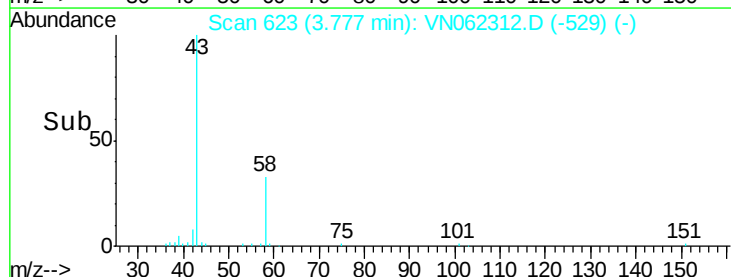
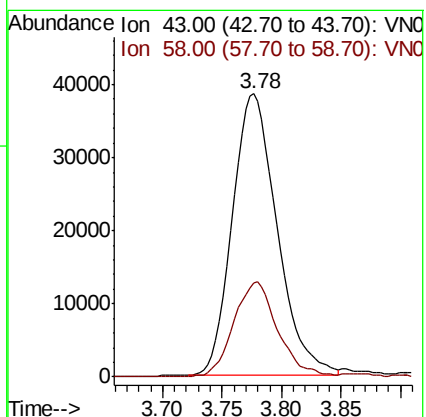
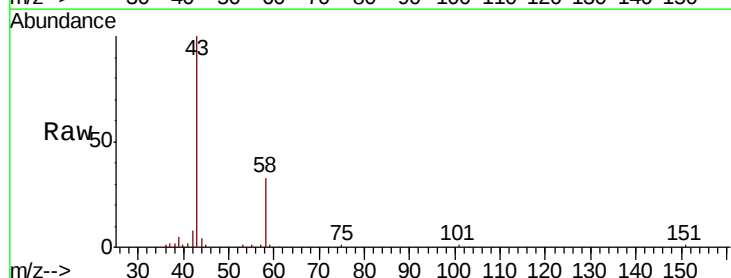
Acq: 2 Jul 2020 1:08

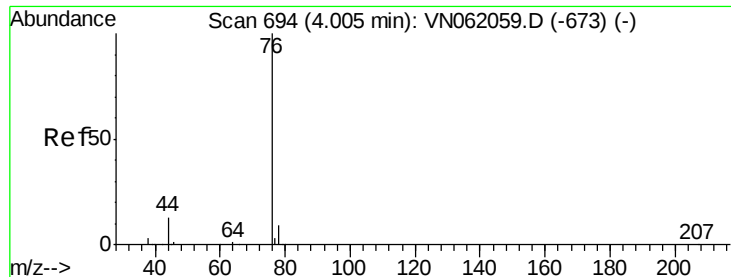
Tgt Ion: 43 Resp: 100165

Ion Ratio Lower Upper

43 100

58 33.5 27.5 41.3





#17

Carbon Disulfide

Concen: 19.610 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

Instrument :

MSVOA_N

ClientSampleId :

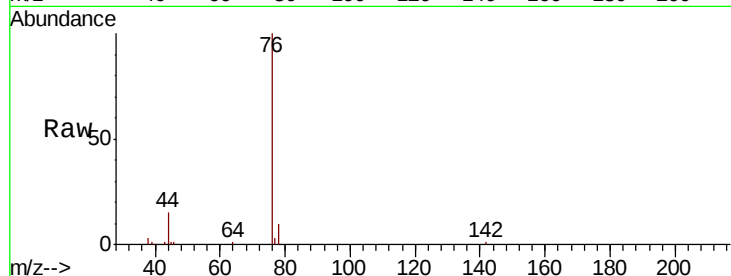
VN0701WBS02

Tot Ion: 76 Resp: 121351

Ion Ratio Lower Upper

76 100

78 9.8 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN062312.D (-600) (-)

Ion 77.90 (77.60 to 78.60): VN062312.D (-600) (-)

4.01

50000

40000

30000

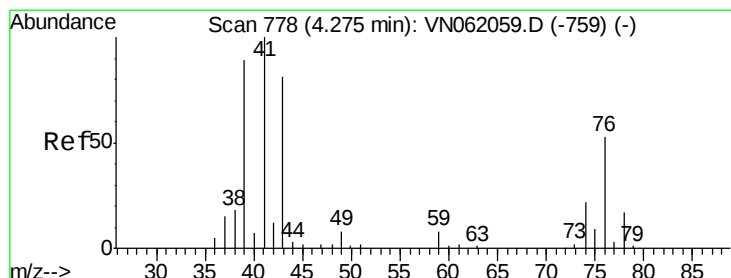
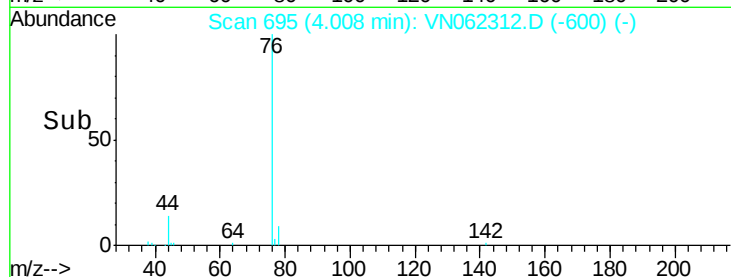
20000

10000

0

Time-->

3.90 4.00 4.10



#18

Methyl Acetate

Concen: 24.856 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062312.D

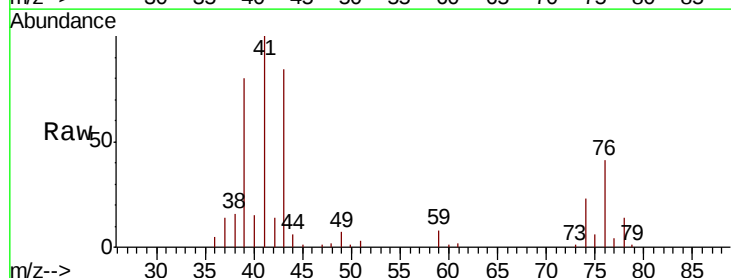
Acq: 2 Jul 2020 1:08

Tgt Ion: 43 Resp: 52254

Ion Ratio Lower Upper

43 100

74 27.2 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VN062312.D (-685) (-)

Ion 74.00 (73.70 to 74.70): VN062312.D (-685) (-)

4.28

20000

15000

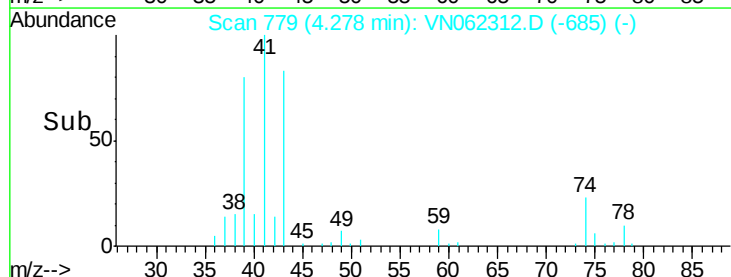
10000

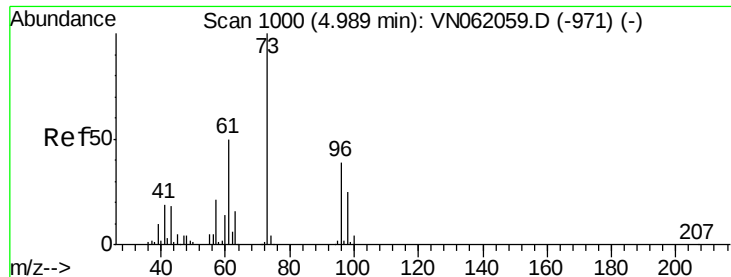
5000

0

Time-->

4.15 4.20 4.25 4.30 4.35

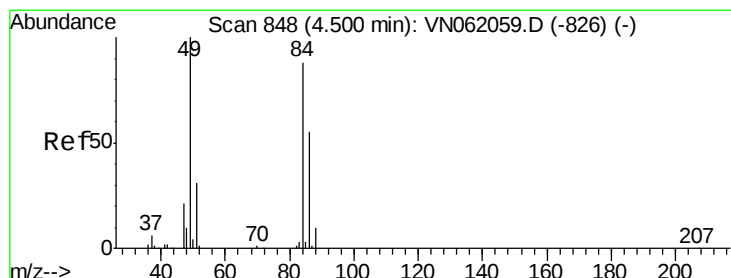
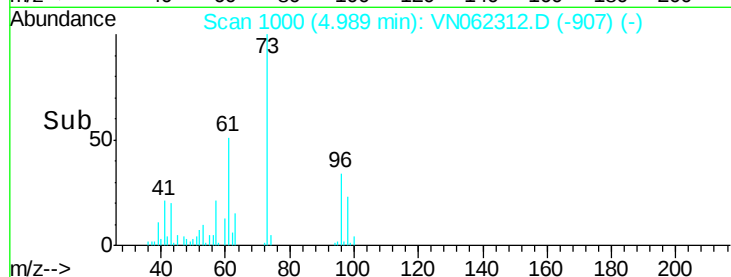
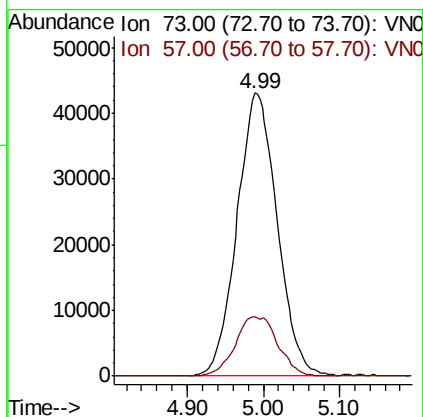
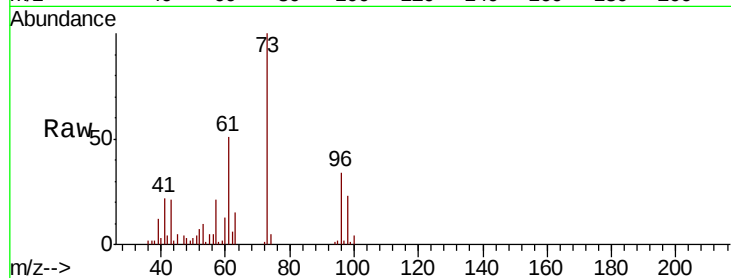




#19
Methvl tert-butvl Ether
Concen: 22.861 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

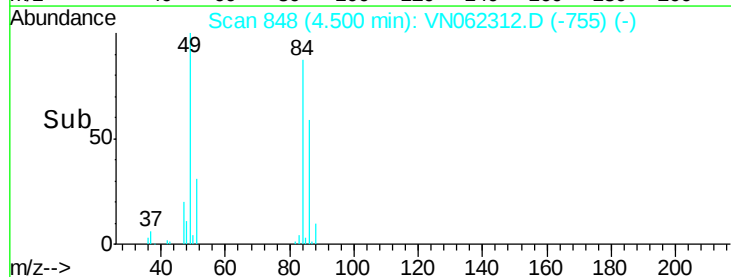
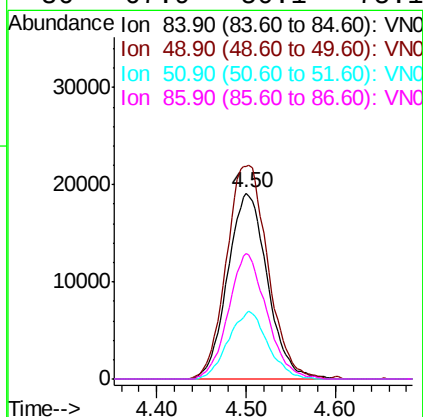
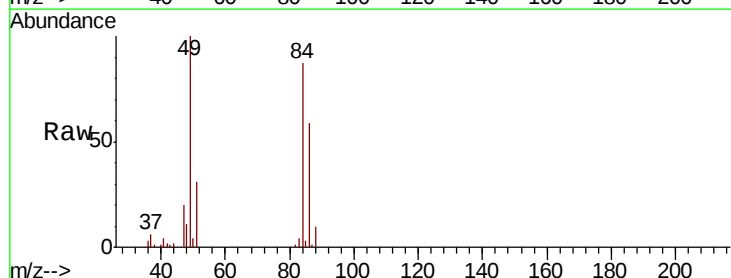
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBS02

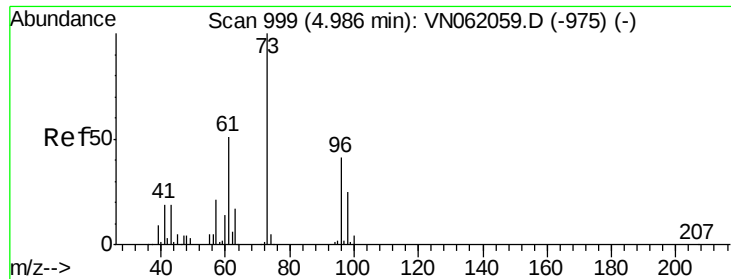
Tot Ion: 73 Resp: 158069
Ion Ratio Lower Upper
73 100
57 21.2 16.6 24.8



#20
Methylene Chloride
Concen: 24.292 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

Tgt Ion: 84 Resp: 59245
Ion Ratio Lower Upper
84 100
49 114.6 90.6 136.0
51 35.4 27.8 41.8
86 67.9 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 19.633 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBS02

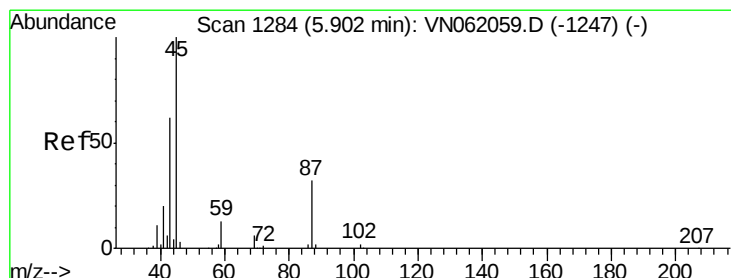
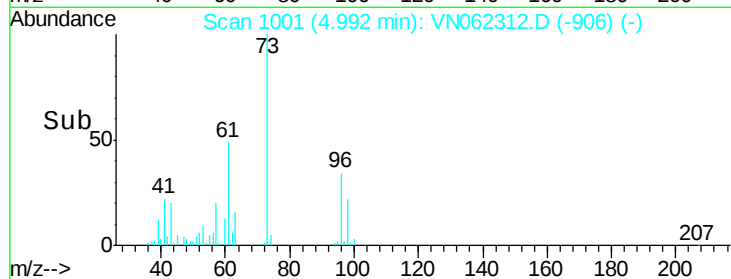
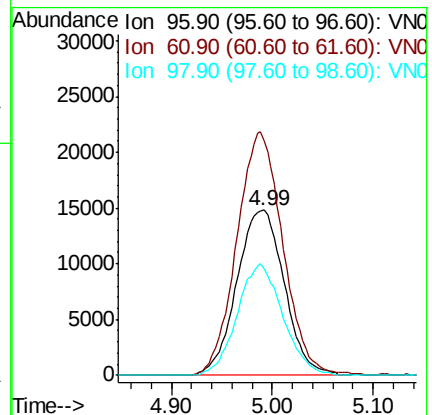
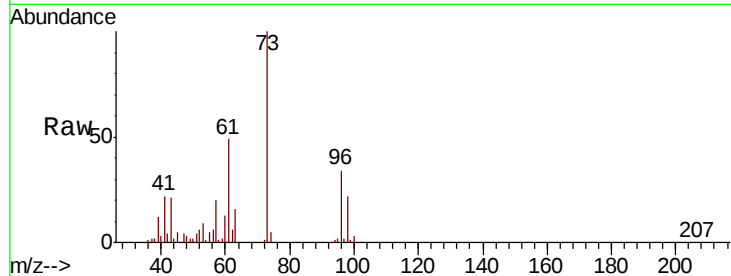
Tot Ion: 96 Resp: 48397

Ion Ratio Lower Upper

96 100

61 142.5 101.4 152.2

98 65.0 49.3 73.9



#22

Diisopropyl ether

Concen: 24.070 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

Tgt Ion: 45 Resp: 161459

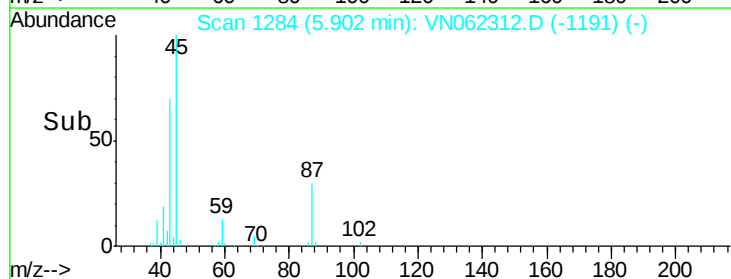
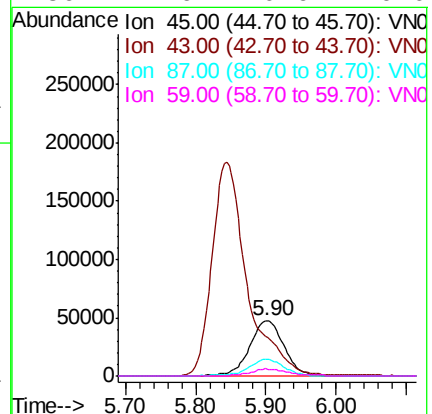
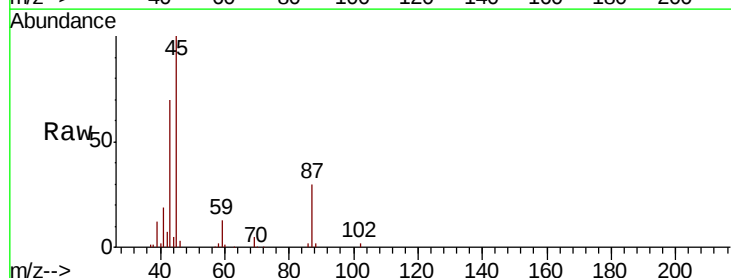
Ion Ratio Lower Upper

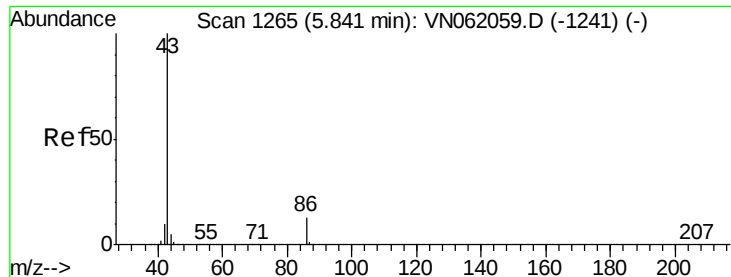
45 100

43 67.7 49.7 74.5

87 29.6 25.9 38.9

59 12.6 10.6 16.0





#23

Vinyl Acetate

Concen: 116.437 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

Instrument :

MSVOA_N

ClientSampleId :

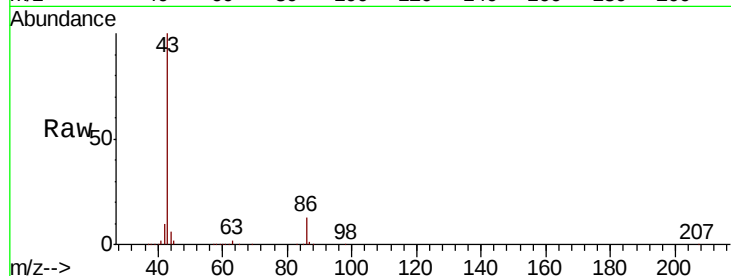
VN0701WBS02

Tot Ion: 43 Resp: 637684

Ion Ratio Lower Upper

43 100

86 12.5 10.1 15.1



Abundance Ion 43.00 (42.70 to 43.70): VN062312.D (-1172) (-)

Ion 86.00 (85.70 to 86.70): VN062312.D (-1172) (-)

5.84

200000

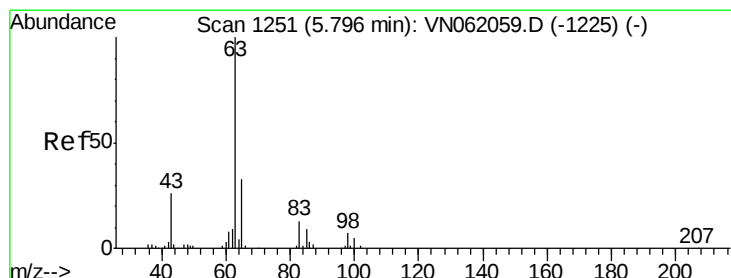
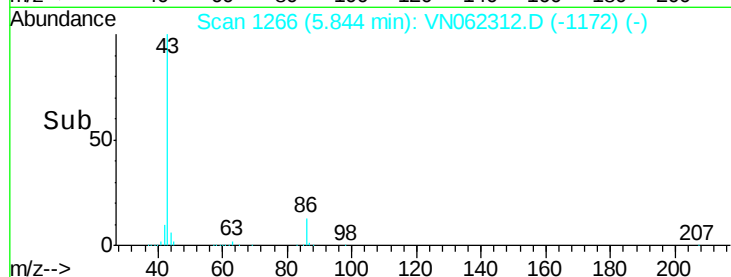
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 23.063 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

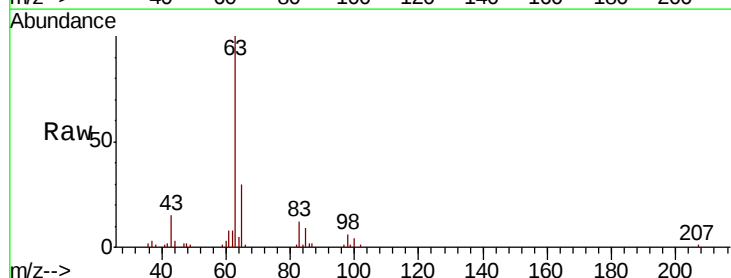
Tgt Ion: 63 Resp: 99622

Ion Ratio Lower Upper

63 100

98 5.8 3.6 10.9

100 3.8 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VN062312.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN062312.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN062312.D (-1158) (-)

5.80

40000

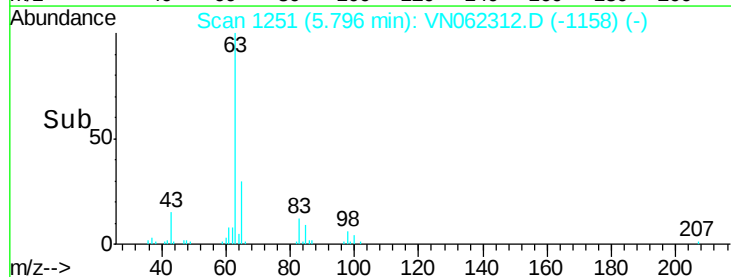
30000

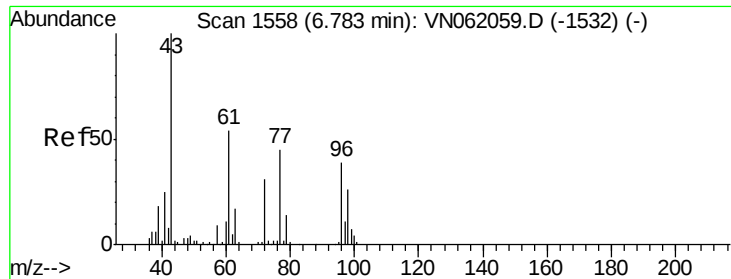
20000

10000

0

Time-->

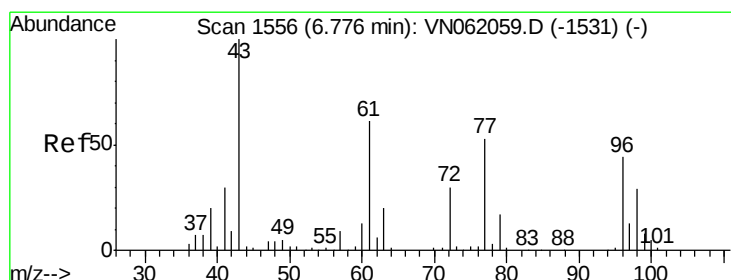
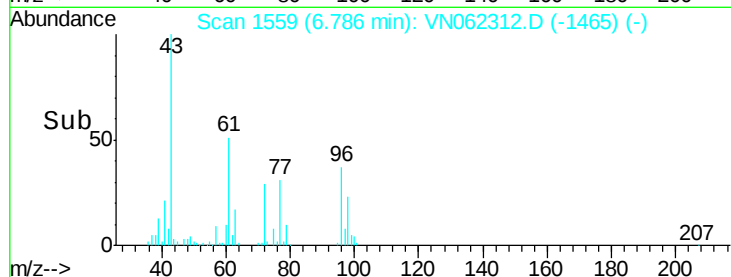
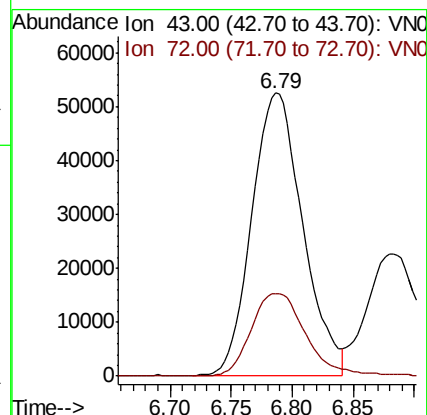
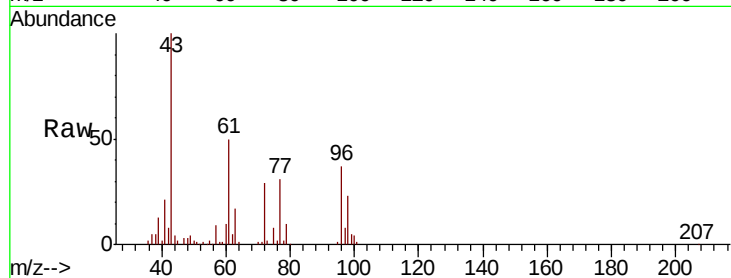




#25
2-Butanone
Concen: 117.194 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

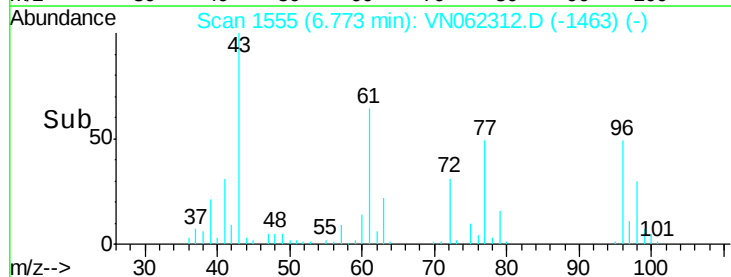
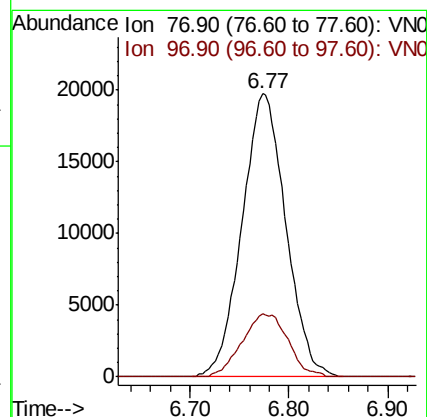
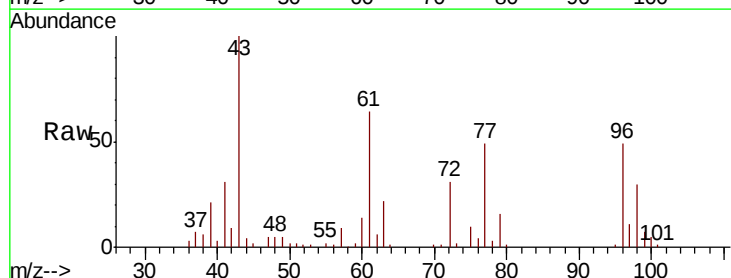
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBS02

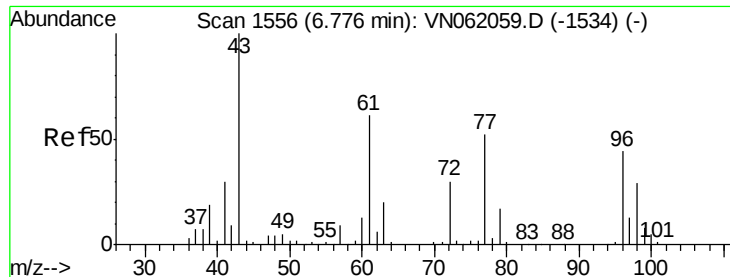
Tot Ion: 43 Resp: 151489
Ion Ratio Lower Upper
43 100
72 29.0 24.8 37.2



#26
2,2-Dichloropropane
Concen: 16.856 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

Tgt Ion: 77 Resp: 60672
Ion Ratio Lower Upper
77 100
97 23.4 11.8 35.3

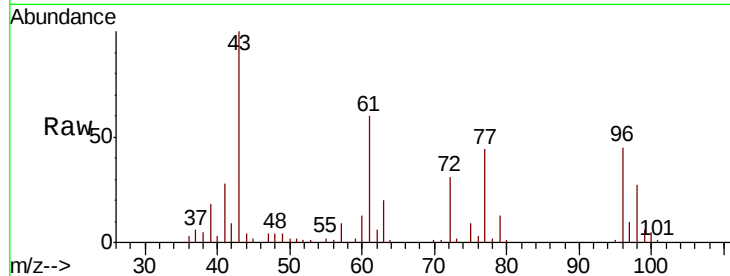




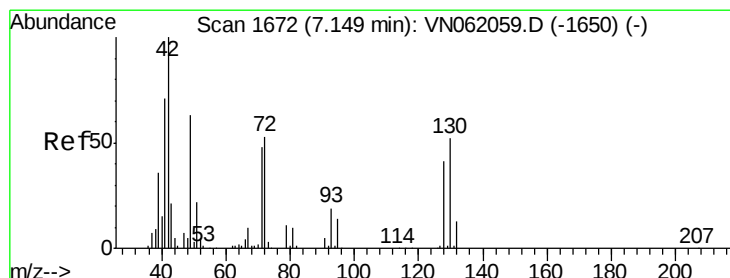
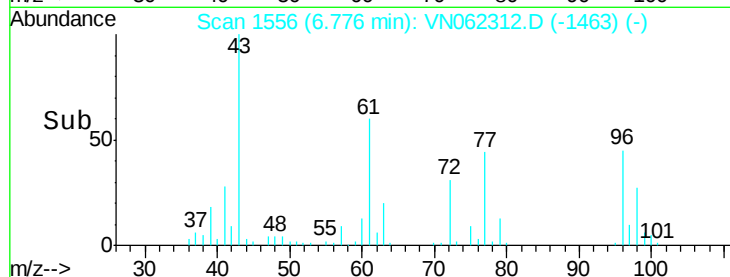
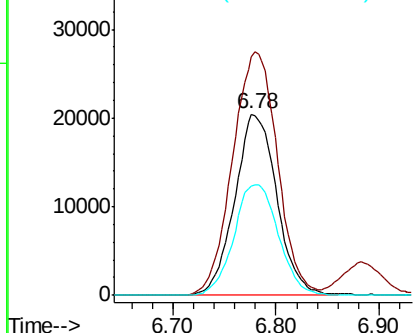
#27
 cis-1,2-Dichloroethene
 Concen: 20.952 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: VN062312.D
 Acq: 2 Jul 2020 1:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBS02

Tot Ion: 96 Resp: 58117
 Ion Ratio Lower Upper
 96 100
 61 142.7 0.0 280.4
 98 64.4 0.0 129.4

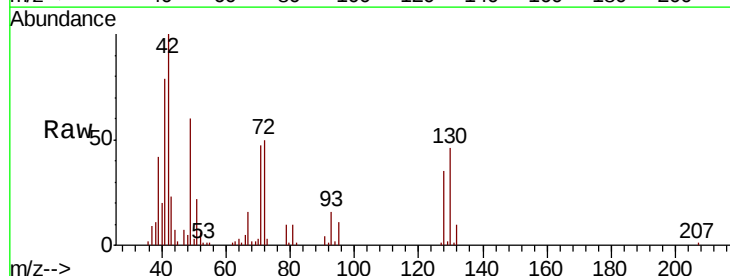


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

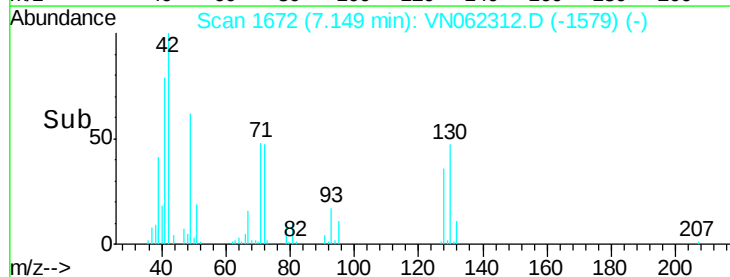
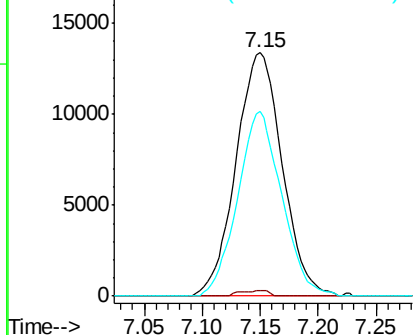


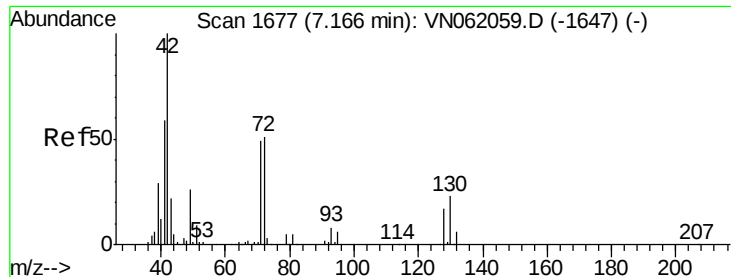
#28
 Bromochloromethane
 Concen: 19.799 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VN062312.D
 Acq: 2 Jul 2020 1:08

Tgt Ion: 49 Resp: 37106
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.4
 130 72.4 65.5 98.3



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

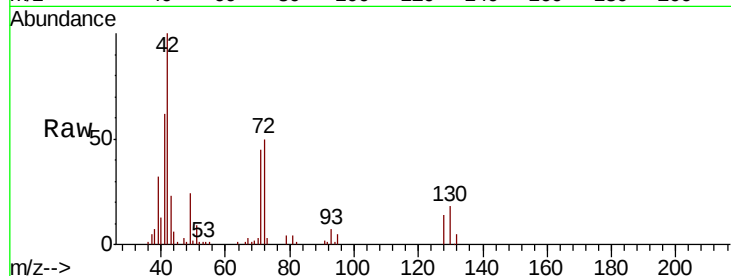




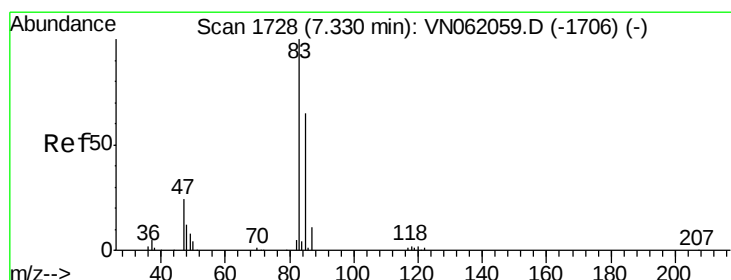
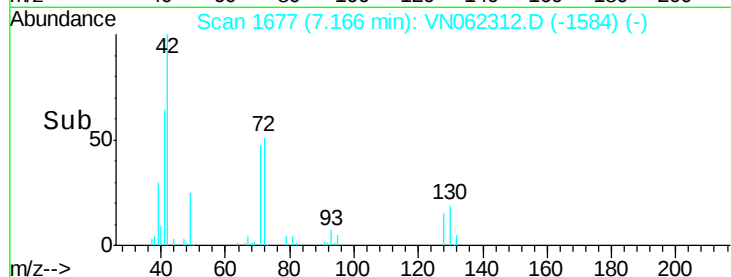
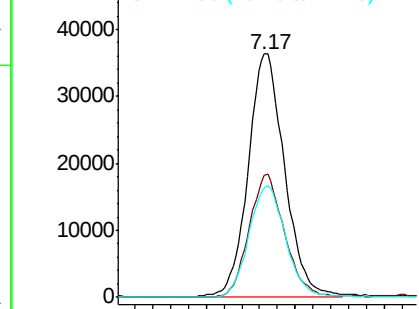
#29
Tetrahydrofuran
Concen: 122.747 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.9	41.1	61.7
71	45.9	38.2	57.4

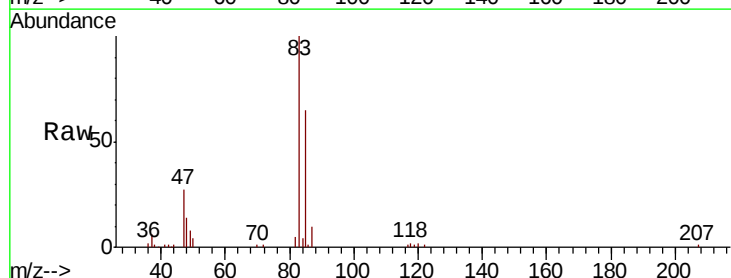


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

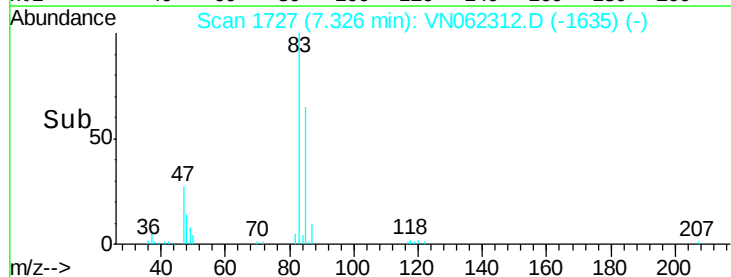
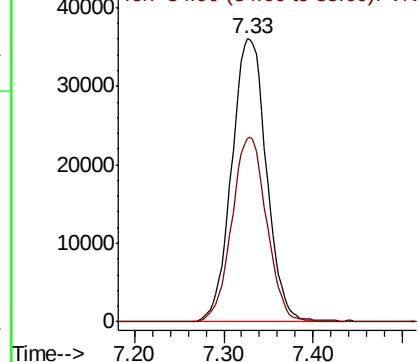


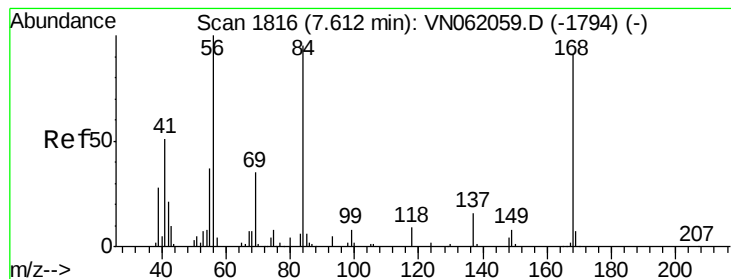
#30
Chloroform
Concen: 22.134 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.3	78.5



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





#31

Cyclohexane

Concen: 20.210 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

Instrument :

MSVOA_N

ClientSampled :

VN0701WBS02

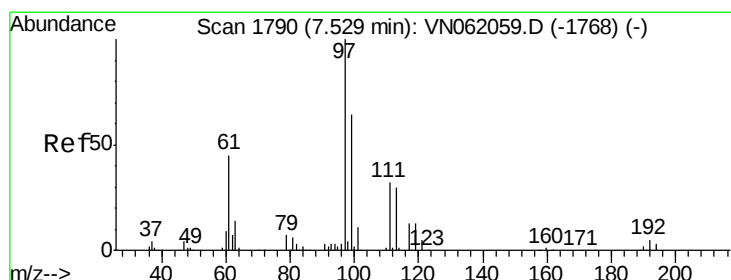
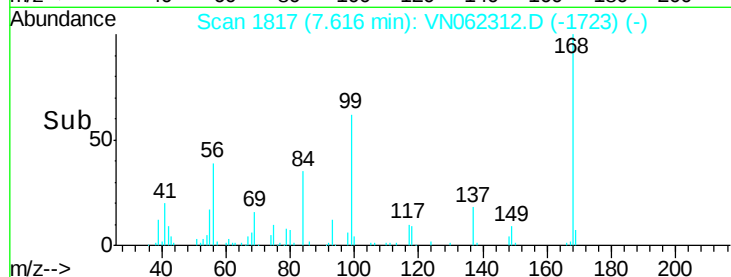
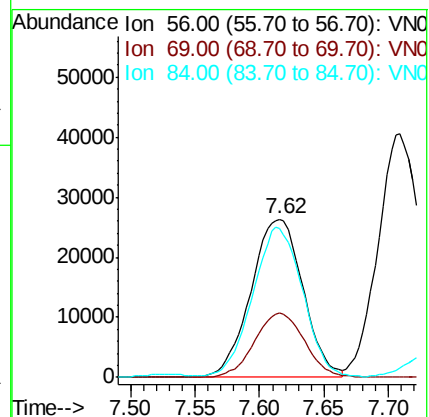
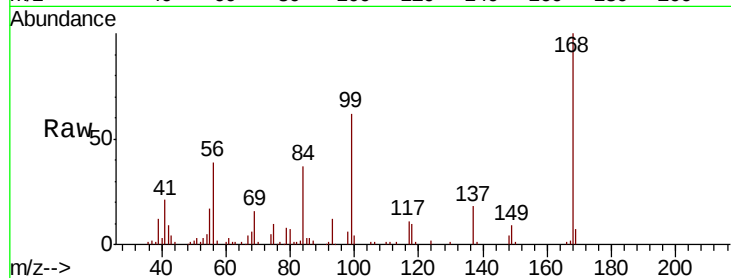
Tot Ion: 56 Resp: 73841

Ion Ratio Lower Upper

56 100

69 40.6 28.0 42.0

84 93.2 76.1 114.1



#32

1,1,1-Trichloroethane

Concen: 20.686 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

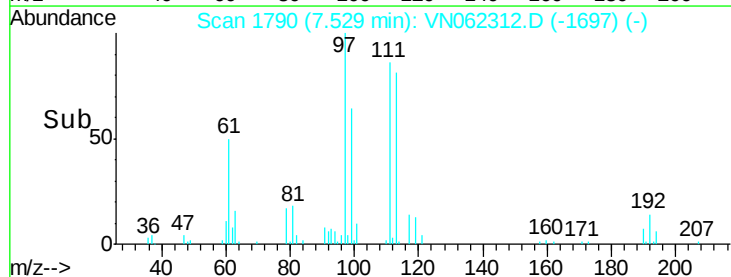
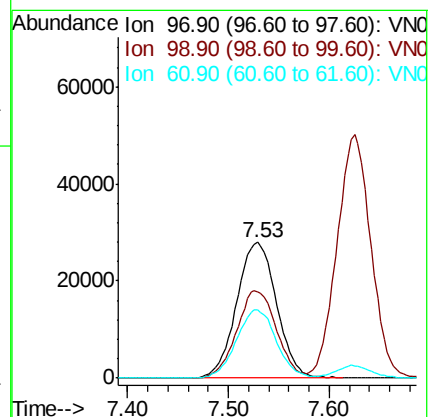
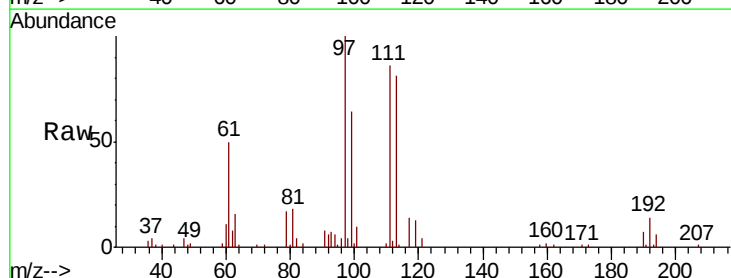
Tgt Ion: 97 Resp: 76667

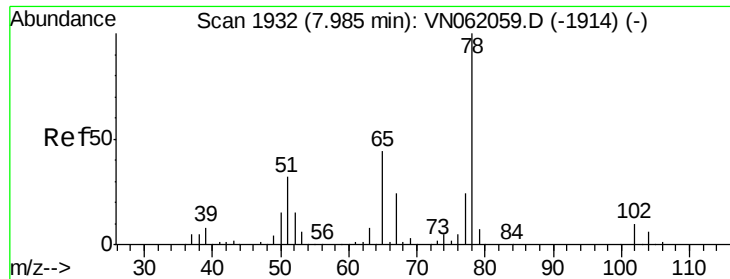
Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.4

61 50.1 36.2 54.2

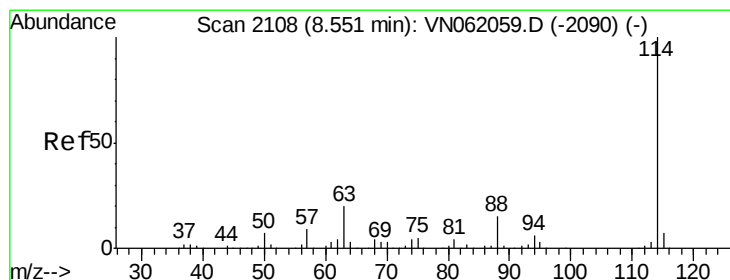
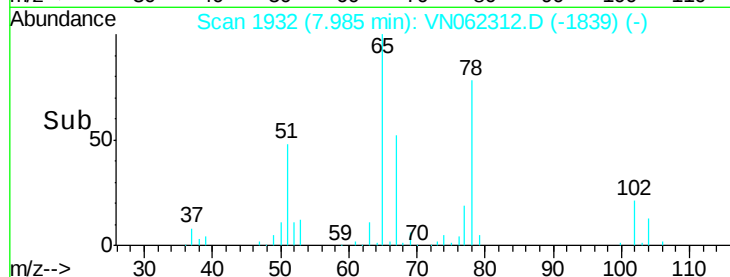
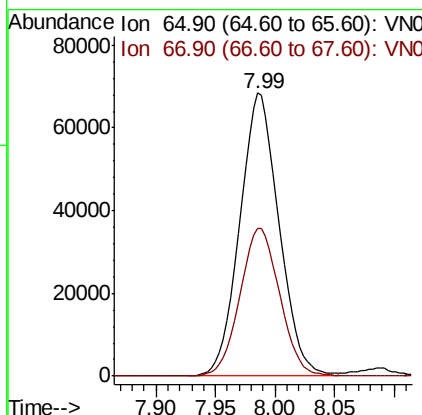
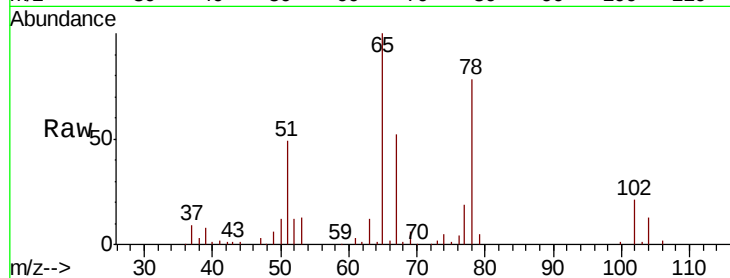




#33
 1,2-Dichloroethane-d4
 Concen: 59.089 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VN062312.D
 Acq: 2 Jul 2020 1:08

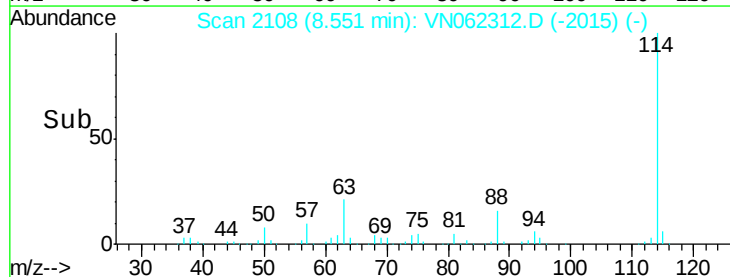
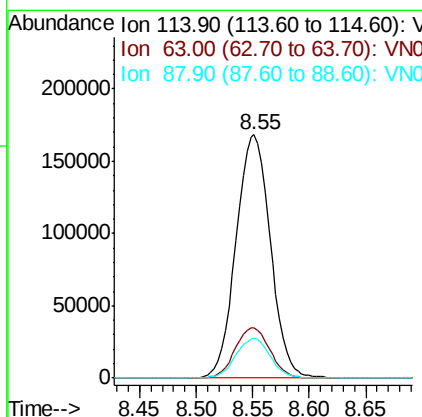
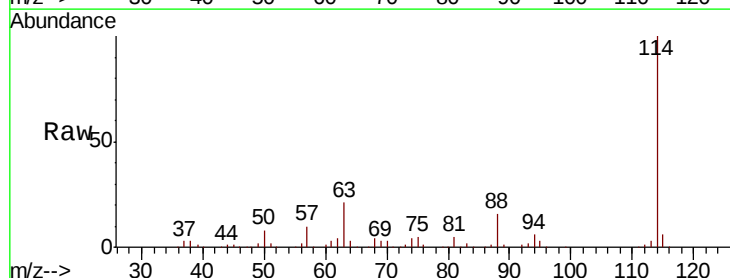
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBS02

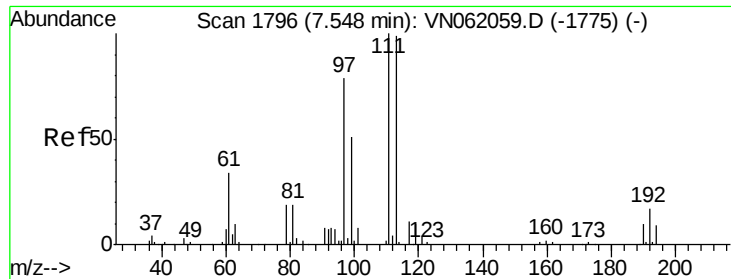
Tot Ion: 65 Resp: 156267
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062312.D
 Acq: 2 Jul 2020 1:08

Tgt Ion: 114 Resp: 356627
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 39.2
 88 16.3 0.0 30.8

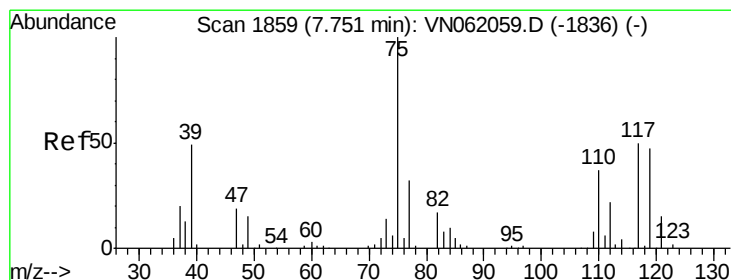
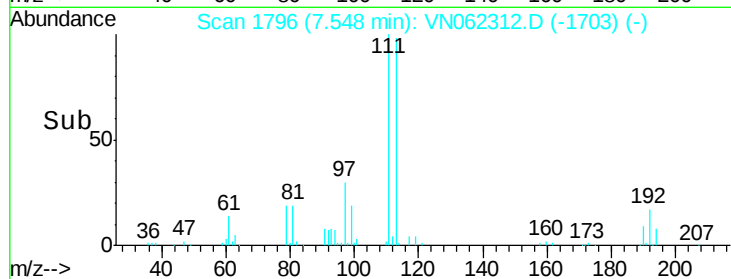
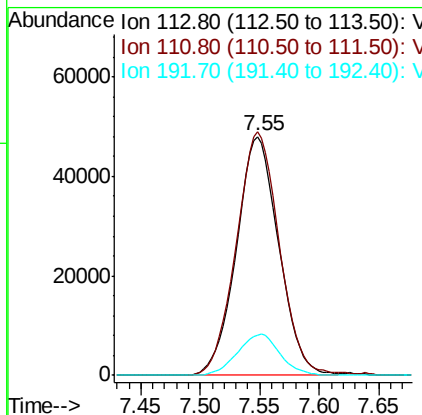
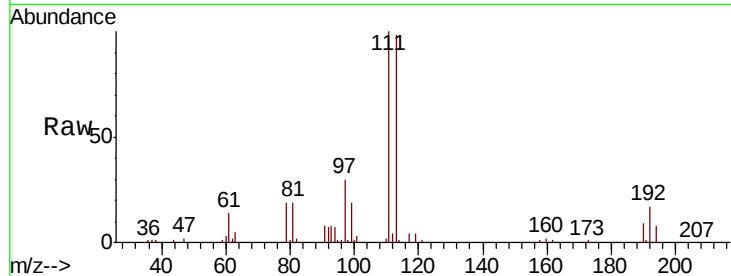




#35
 Dibromofluoromethane
 Concen: 51.748 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062312.D
 Acq: 2 Jul 2020 1:08

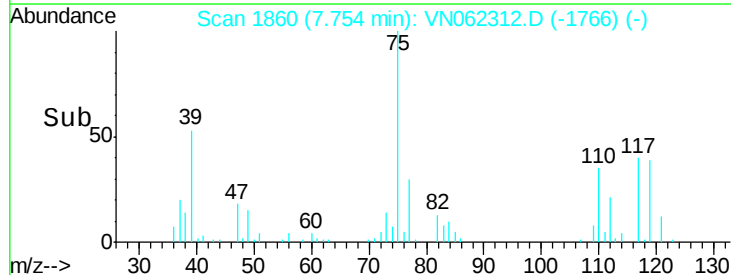
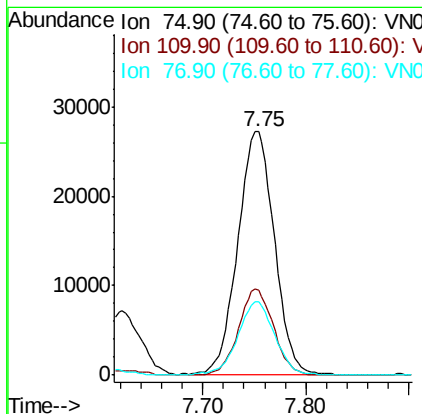
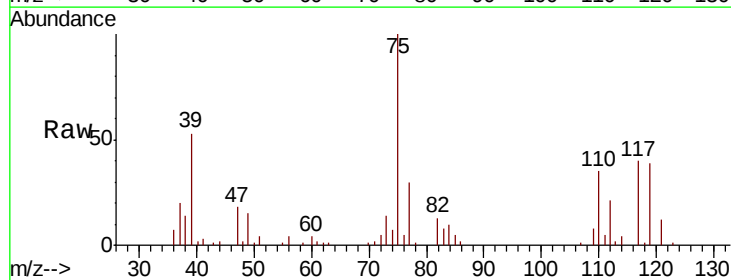
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBS02

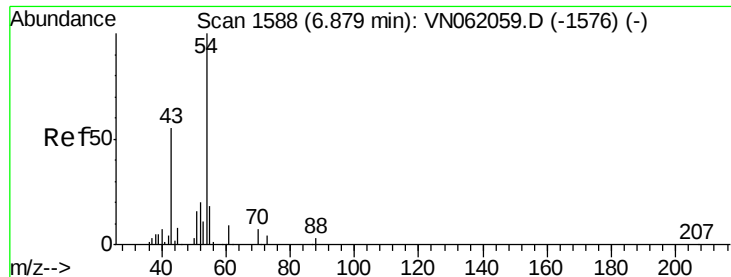
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.2	123.4
192	17.2	14.0	21.0



#36
 1,1-Dichloropropene
 Concen: 18.778 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062312.D
 Acq: 2 Jul 2020 1:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.5	17.9	53.8
77	30.3	24.9	37.3

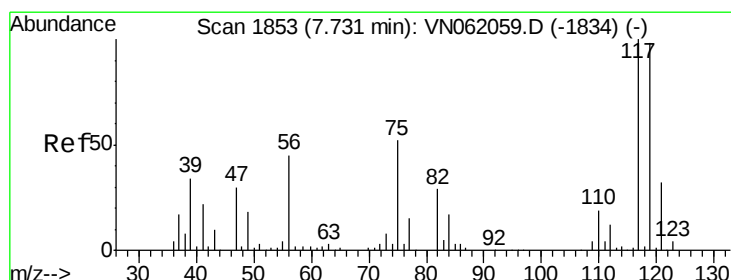
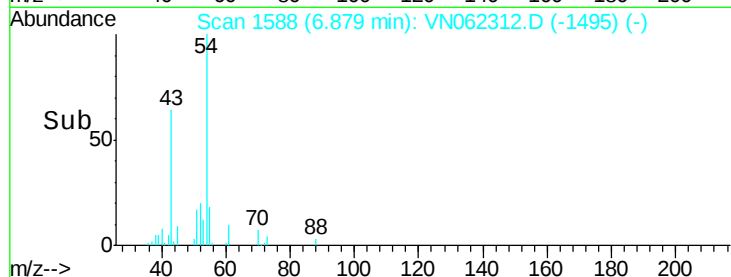
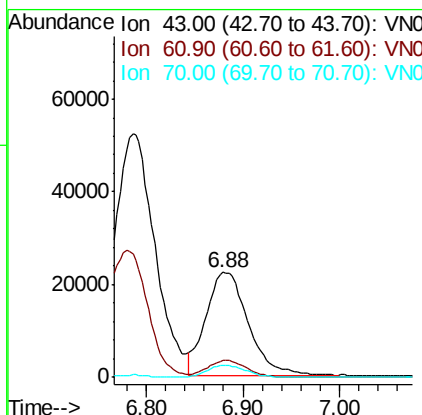
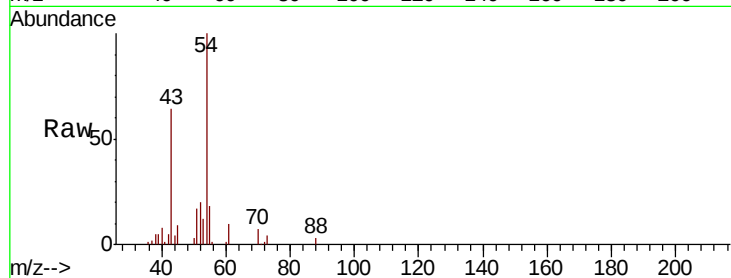




#37
Ethyl Acetate
Concen: 22.925 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

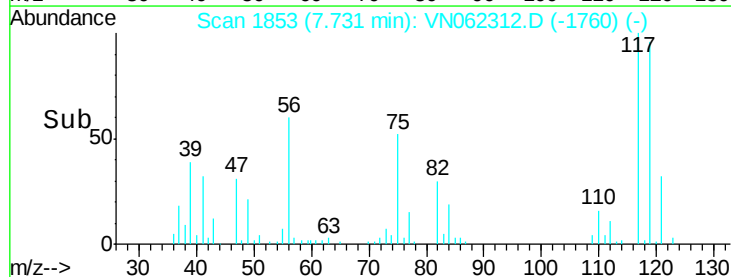
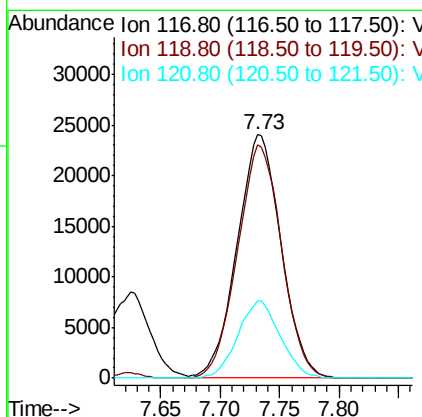
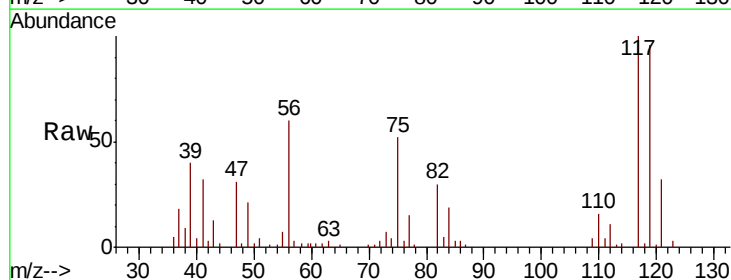
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBS02

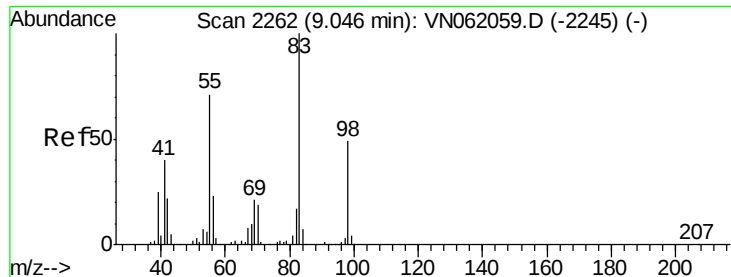
Tot Ion: 43 Resp: 68049
Ion Ratio Lower Upper
43 100
61 14.4 12.0 18.0
70 10.4 9.6 14.4



#38
Carbon Tetrachloride
Concen: 18.218 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

Tgt Ion: 117 Resp: 61568
Ion Ratio Lower Upper
117 100
119 95.6 78.2 117.2
121 31.6 25.8 38.6

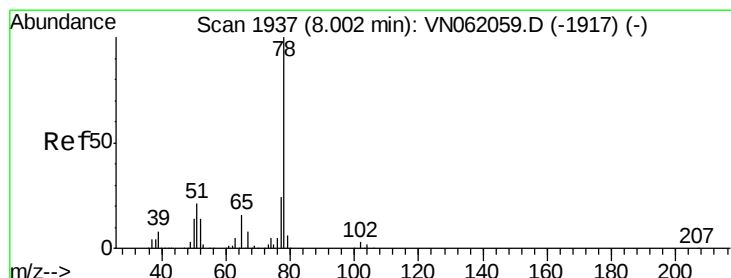
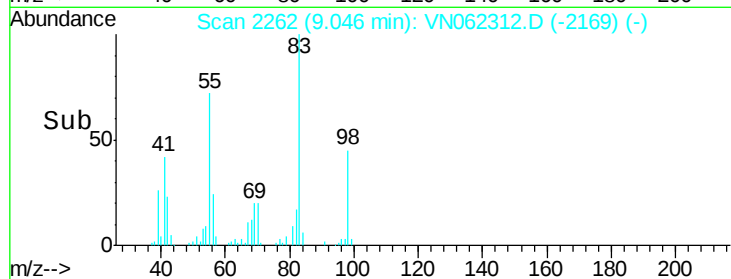
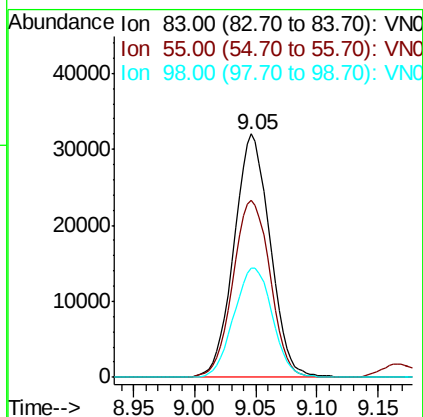
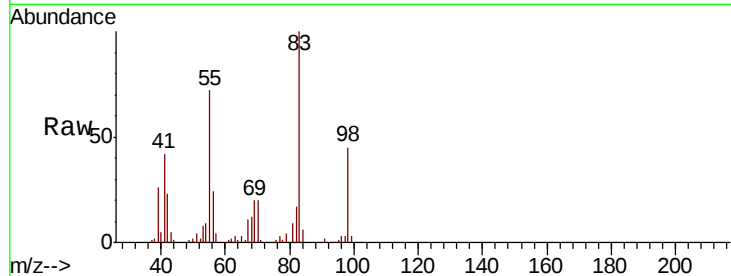




#39
Methvlcvclohexane
Concen: 16.705 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

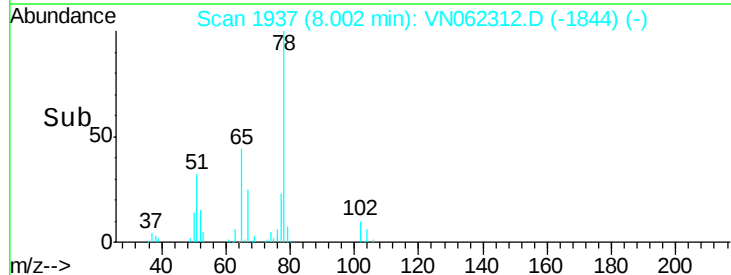
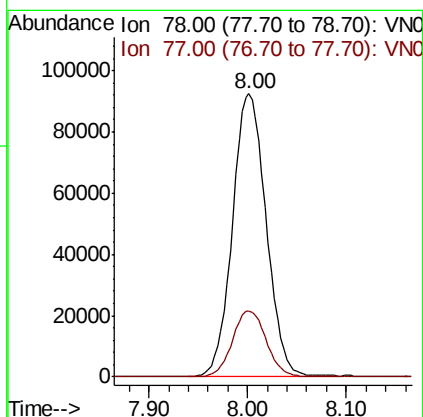
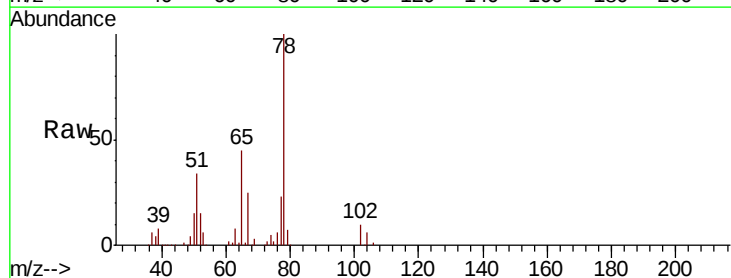
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBS02

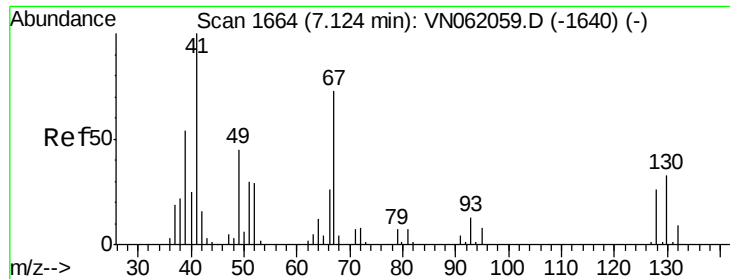
Tot Ion: 83 Resp: 65610
Ion Ratio Lower Upper
83 100
55 72.5 57.0 85.6
98 44.6 39.0 58.6



#40
Benzene
Concen: 20.112 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

Tgt Ion: 78 Resp: 219741
Ion Ratio Lower Upper
78 100
77 23.4 19.5 29.3

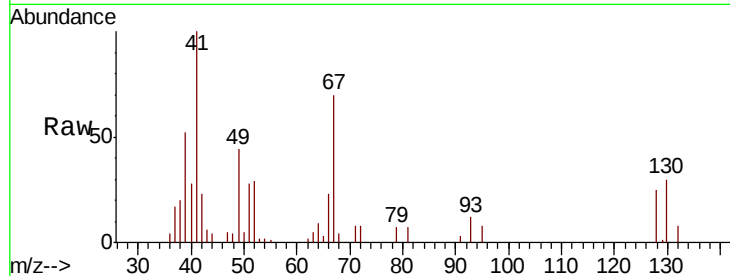




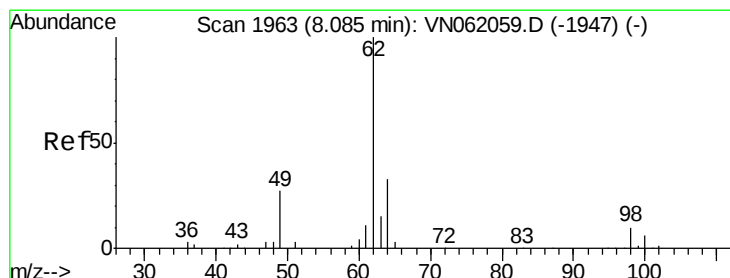
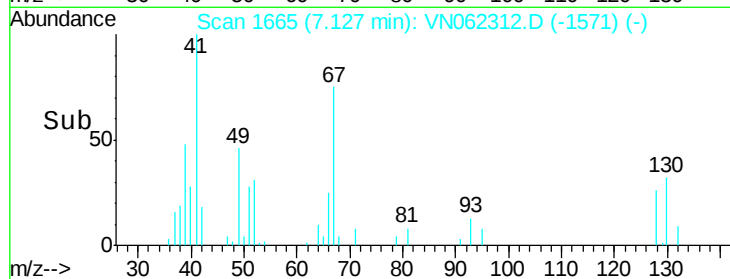
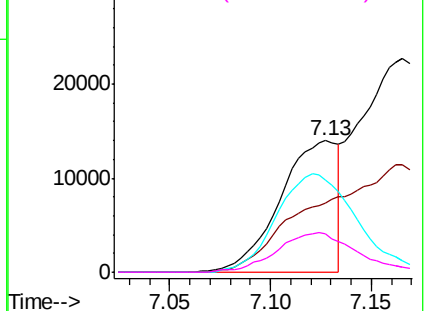
#41
Methacrylonitrile
Concen: 20.246 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

Instrument :
MSVOA_N
ClientSampled :
VN0701WBS02

Tot Ion: 41 Resp: 27860
Ion Ratio Lower Upper
41 100
39 0.0 44.2 66.2#
67 104.0 79.5 119.3
52 41.7 32.3 48.5

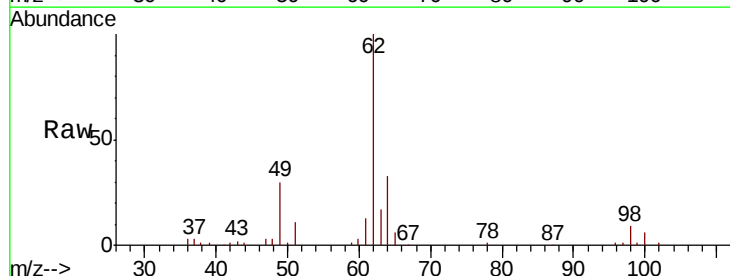


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

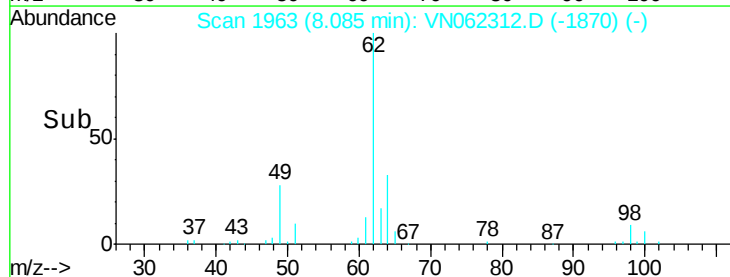
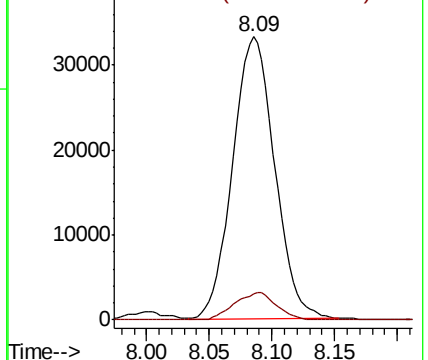


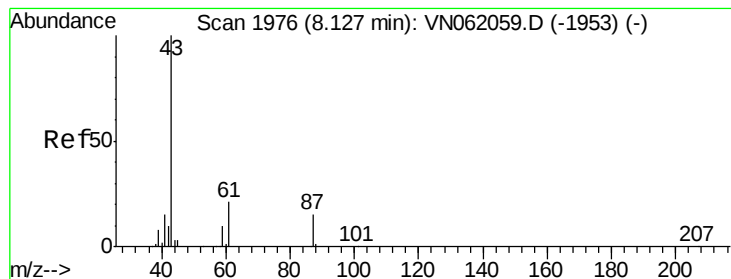
#42
1,2-Dichloroethane
Concen: 21.015 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

Tgt Ion: 62 Resp: 77576
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.8



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





#43

Isopropyl Acetate

Concen: 21.627 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBS02

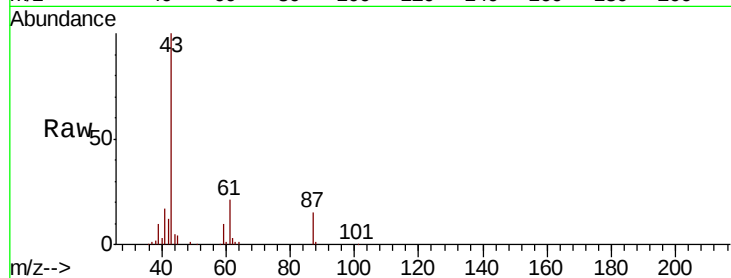
Tot Ion: 43 Resp: 104649

Ion Ratio Lower Upper

43 100

61 21.2 17.2 25.8

87 14.6 12.1 18.1

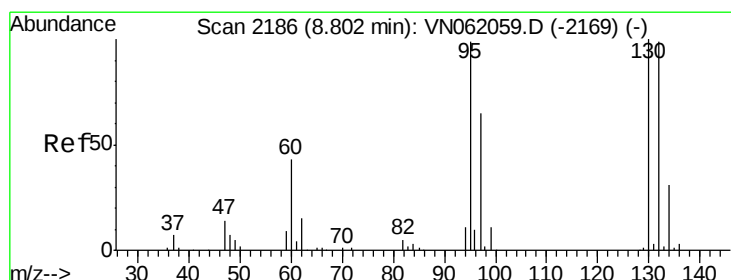
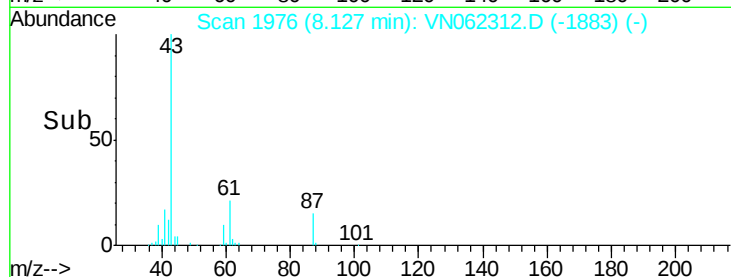


Abundance Ion 43.00 (42.70 to 43.70): VN062312.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062312.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062312.D (-1883) (-)

Time-->



#44

Trichloroethene

Concen: 17.710 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062312.D

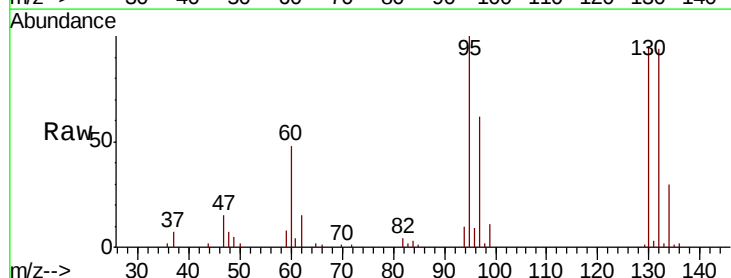
Acq: 2 Jul 2020 1:08

Tgt Ion: 130 Resp: 48810

Ion Ratio Lower Upper

130 100

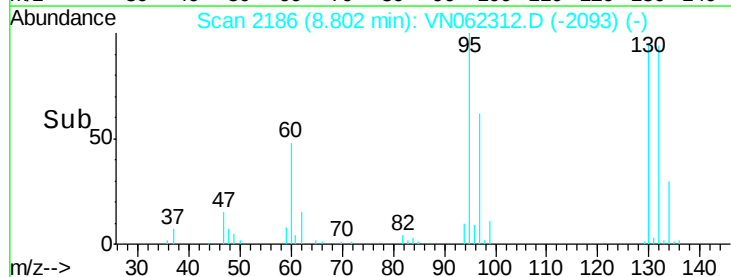
95 105.2 0.0 197.8

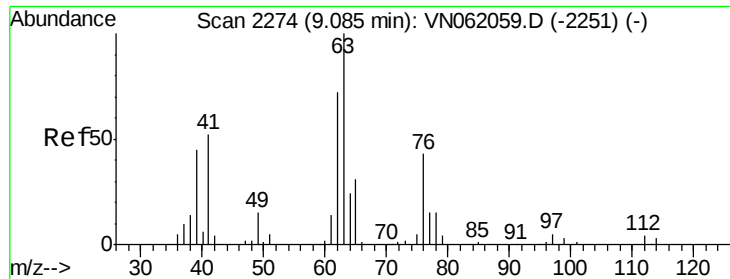


Abundance Ion 129.80 (129.50 to 130.50): VN062312.D (-2093) (-)

Ion 94.90 (94.60 to 95.60): VN062312.D (-2093) (-)

Time-->

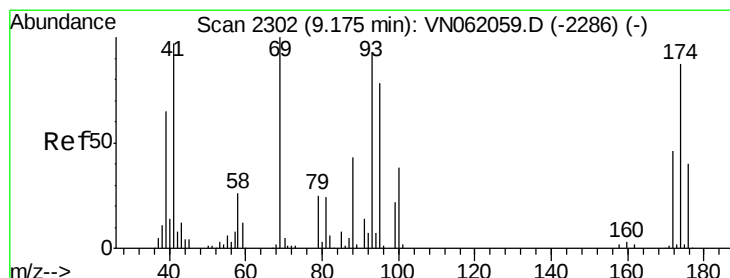
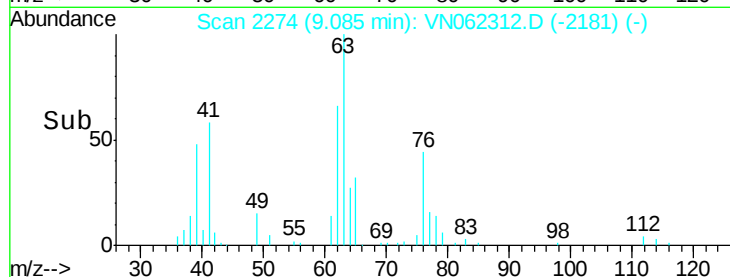
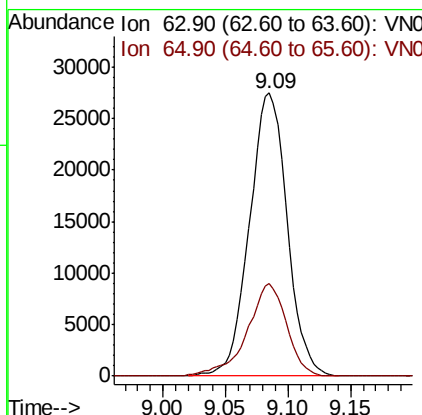
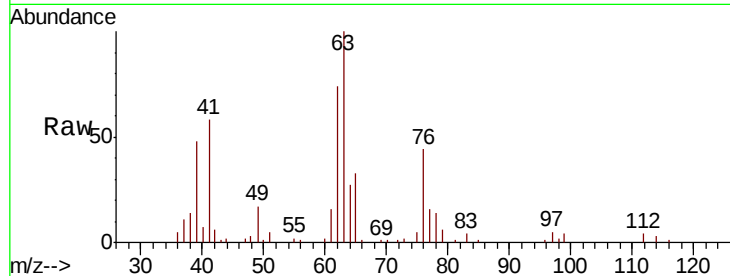




#45
 1,2-Dichloropropane
 Concen: 21.270 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062312.D
 Acq: 2 Jul 2020 1:08

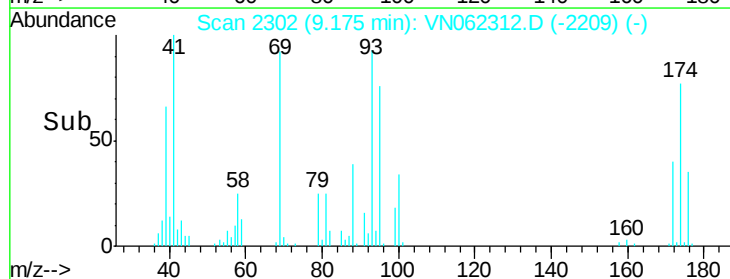
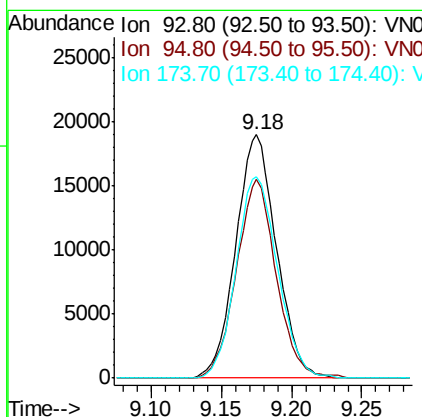
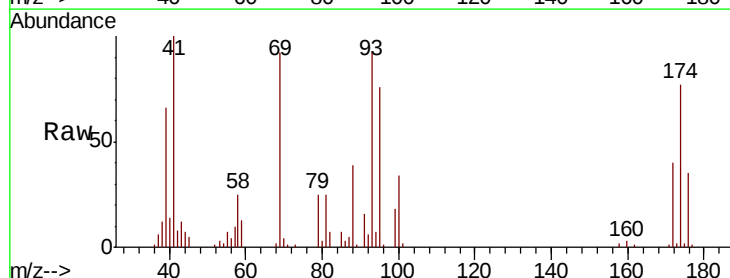
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBS02

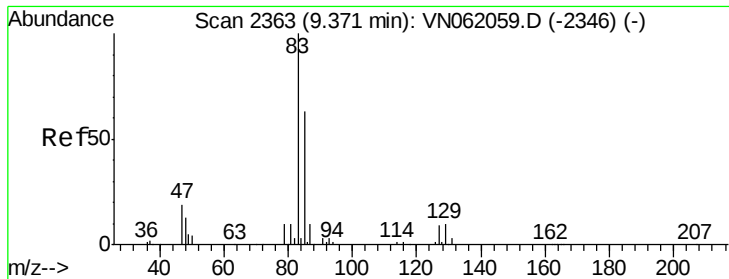
Tot Ion: 63 Resp: 57332
 Ion Ratio Lower Upper
 63 100
 65 32.6 25.0 37.4



#46
 Dibromomethane
 Concen: 20.997 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN062312.D
 Acq: 2 Jul 2020 1:08

Tgt Ion: 93 Resp: 38373
 Ion Ratio Lower Upper
 93 100
 95 79.9 67.0 100.6
 174 84.8 74.4 111.6





#47

Bromodichloromethane

Concen: 20.823 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBS02

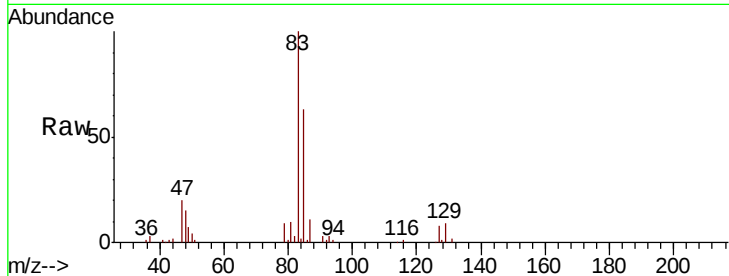
Tot Ion: 83 Resp: 76839

Ion Ratio Lower Upper

83 100

85 62.8 50.3 75.5

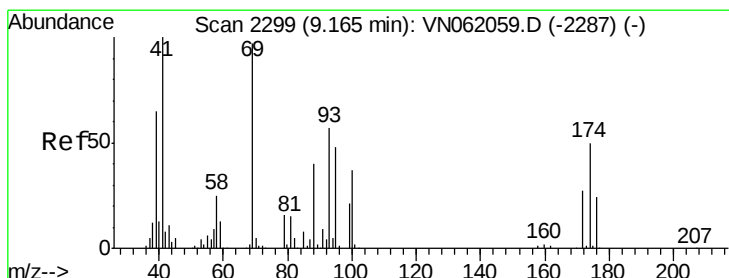
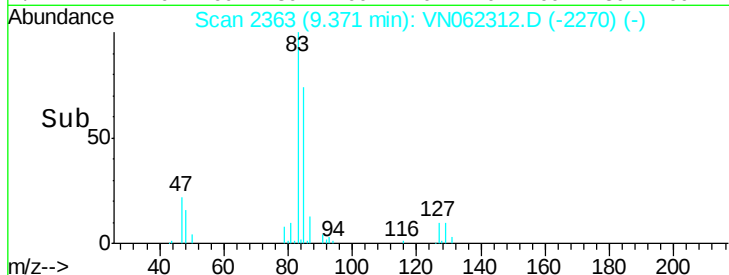
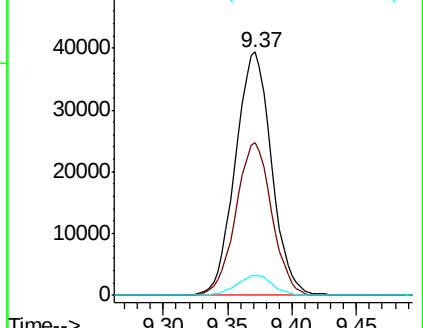
127 8.2 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN062312.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062312.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062312.D (-2270) (-)



#48

Methyl methacrylate

Concen: 22.737 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

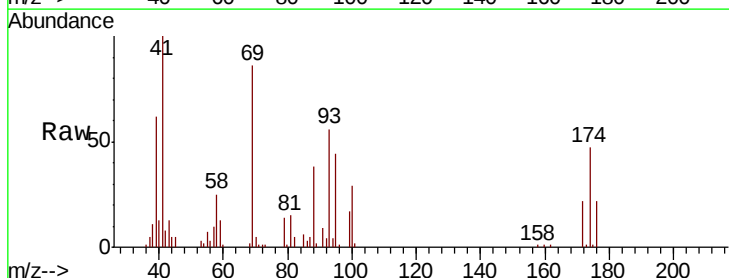
Tgt Ion: 41 Resp: 49329

Ion Ratio Lower Upper

41 100

69 90.8 80.7 121.1

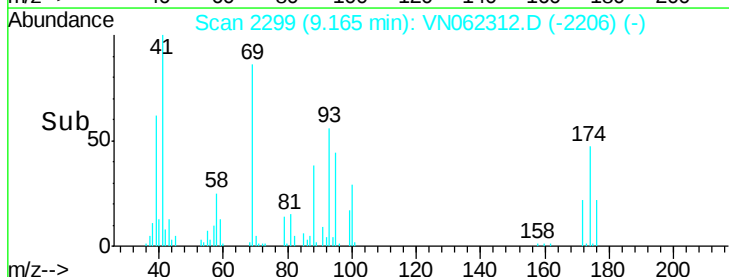
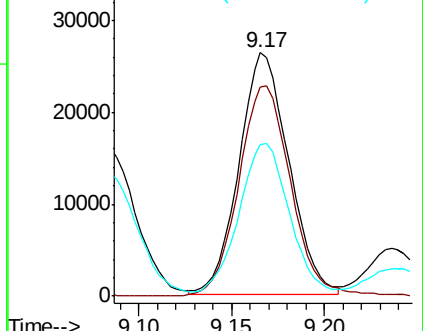
39 63.6 54.5 81.7

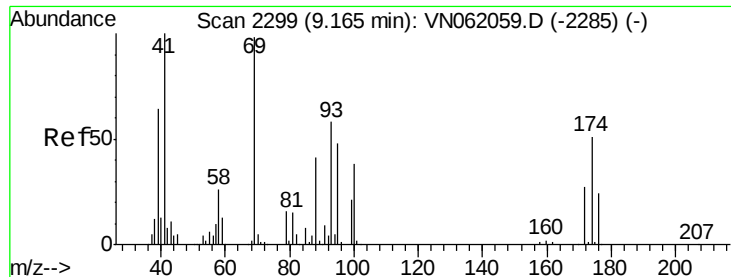


Abundance Ion 41.00 (40.70 to 41.70): VN062312.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062312.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062312.D (-2206) (-)

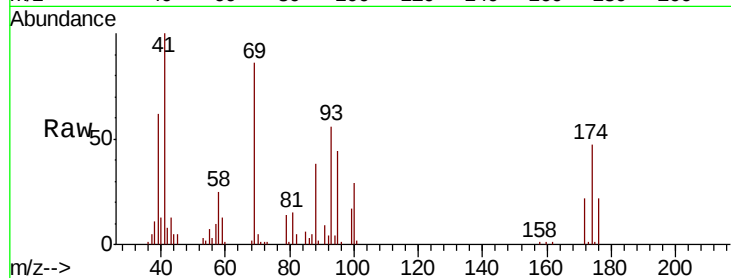




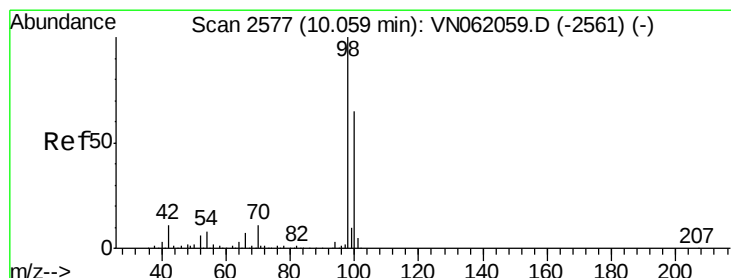
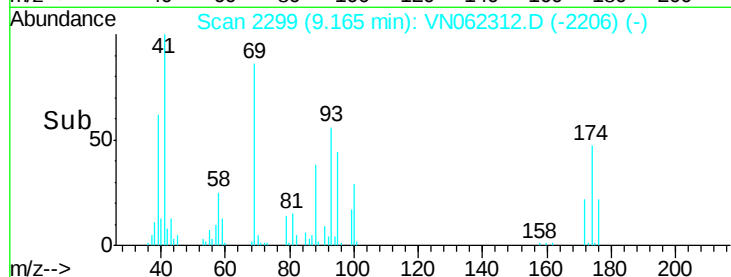
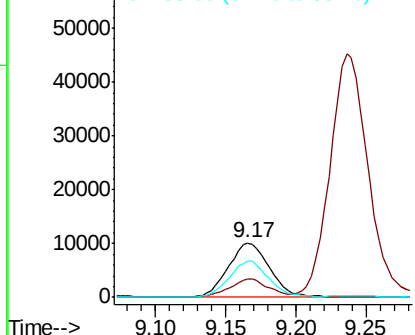
#49
1,4-Dioxane
Concen: 433.855 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBS02

Tot Ion: 88 Resp: 20874
Ion Ratio Lower Upper
88 100
43 32.8 22.0 33.0
58 63.8 49.2 73.8

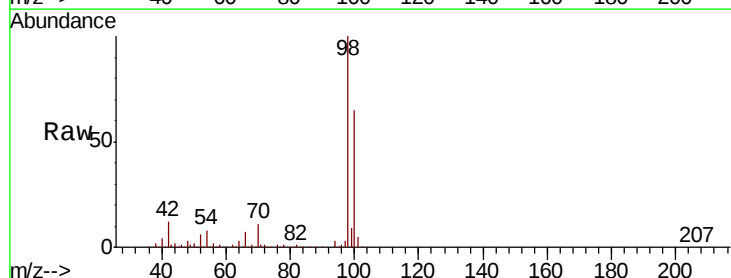


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

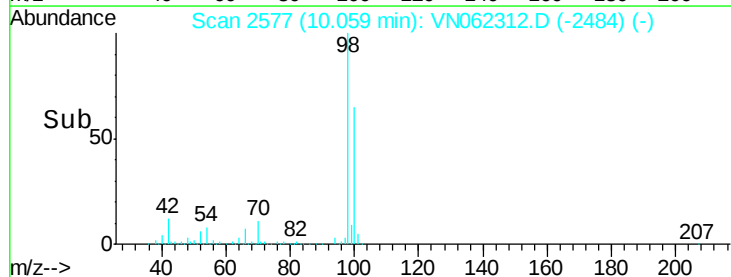
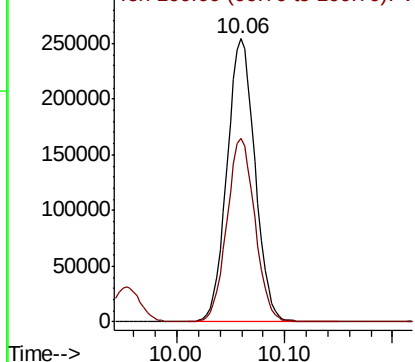


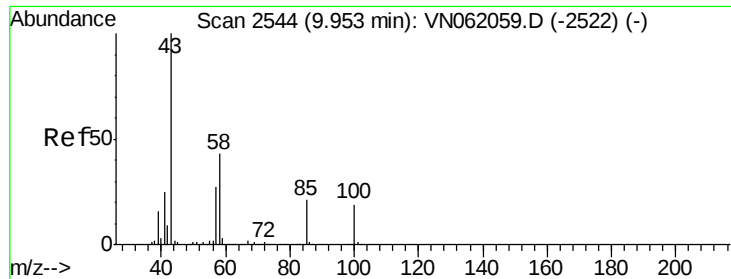
#50
Toluene-d8
Concen: 50.093 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

Tgt Ion: 98 Resp: 458135
Ion Ratio Lower Upper
98 100
100 64.7 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: 115.334 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

Instrument :

MSVOA_N

ClientSampled :

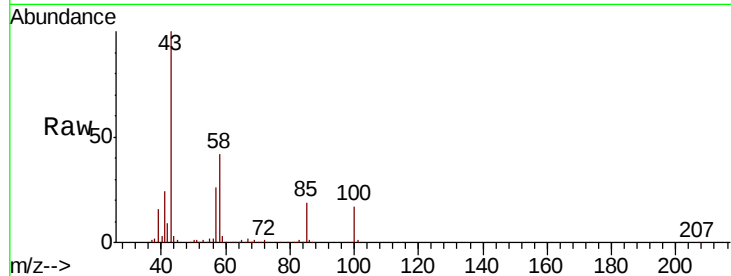
VN0701WBS02

Tot Ion: 43 Resp: 326059

Ion Ratio Lower Upper

43 100

58 42.1 34.2 51.2



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-2522) (-)

Ion 58.00 (57.70 to 58.70): VN062059.D (-2522) (-)

9.95

200000

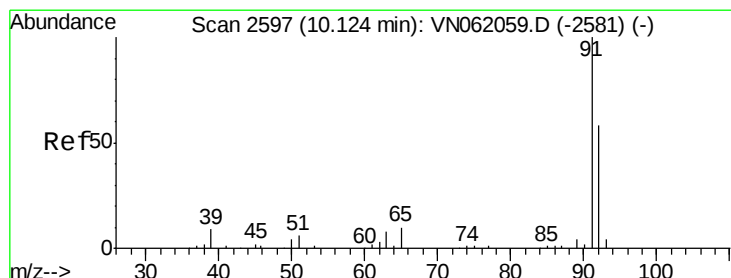
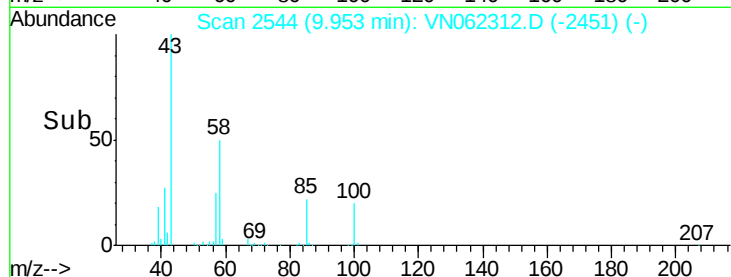
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.008 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN062312.D

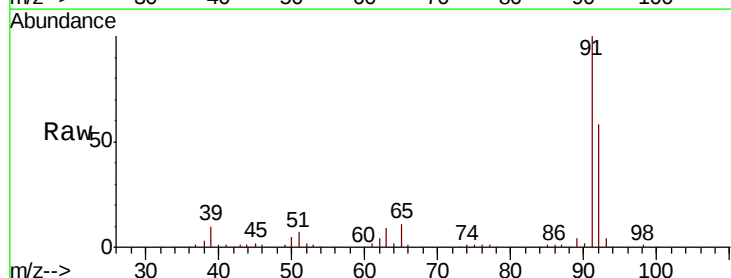
Acq: 2 Jul 2020 1:08

Tgt Ion: 92 Resp: 133383

Ion Ratio Lower Upper

92 100

91 173.4 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN062059.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VN062059.D (-2581) (-)

10.12

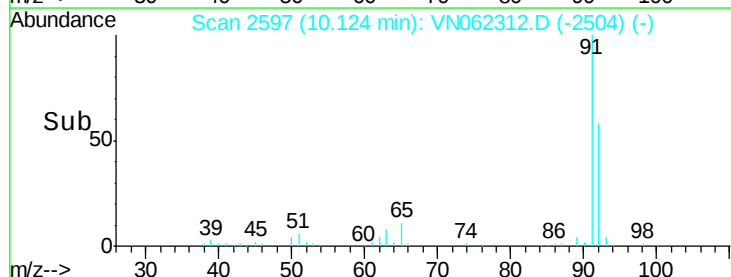
150000

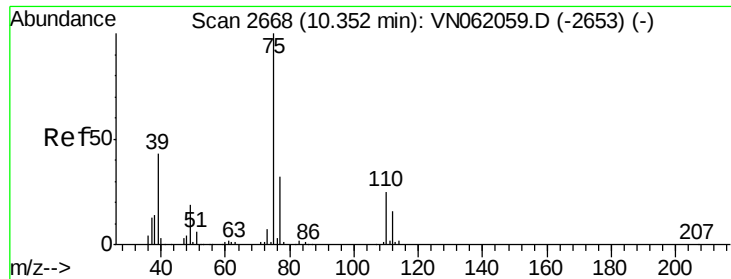
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.467 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

Instrument :

MSVOA_N

ClientSampleId :

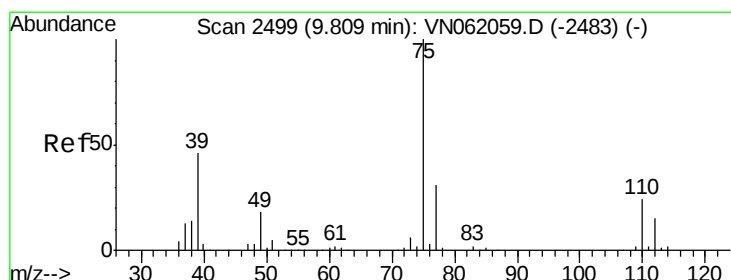
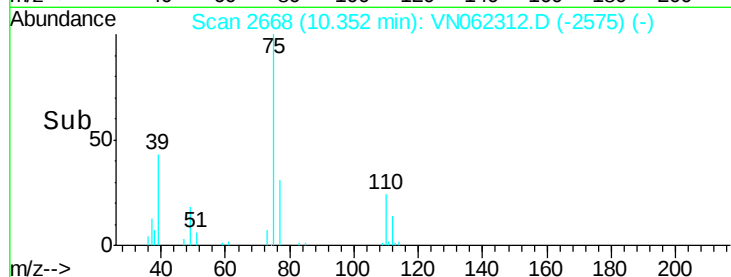
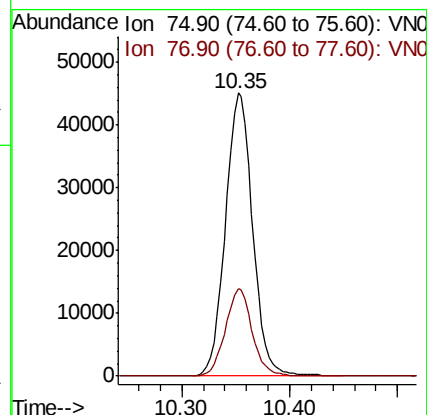
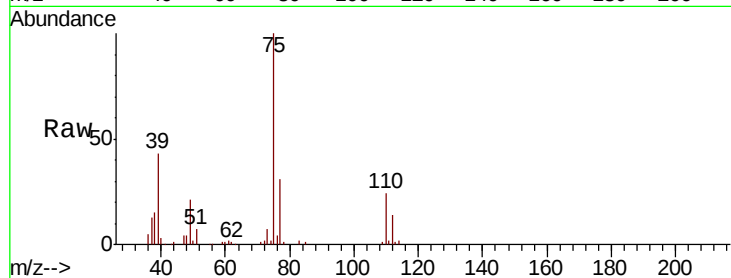
VN0701WBS02

Tot Ion: 75 Resp: 79032

Ion Ratio Lower Upper

75 100

77 31.0 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 20.030 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

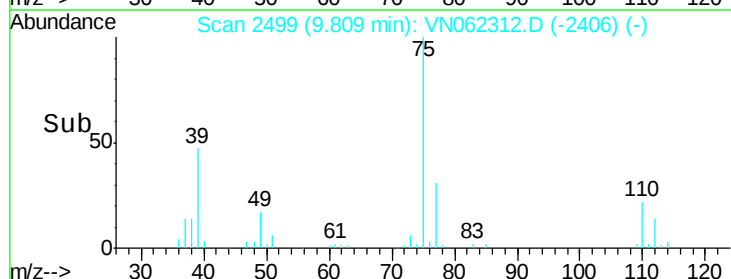
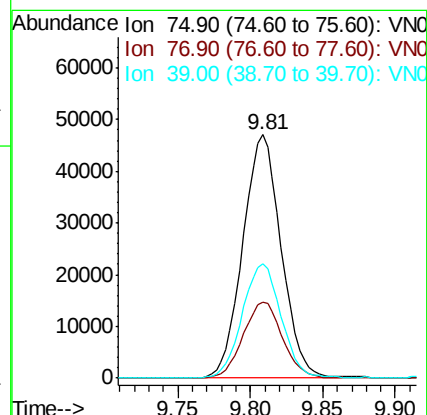
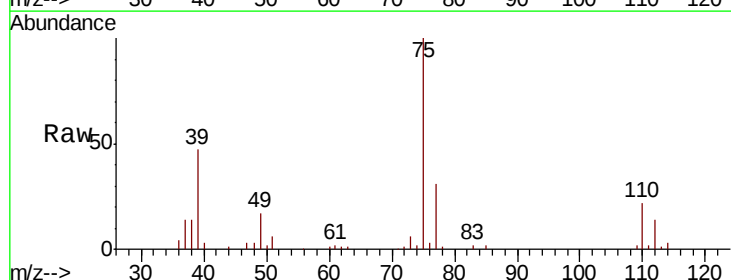
Tgt Ion: 75 Resp: 86575

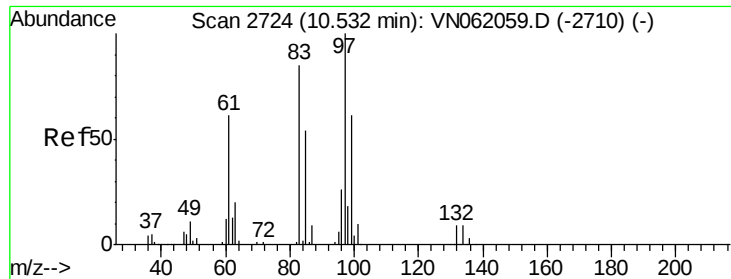
Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6

39 46.9 36.9 55.3

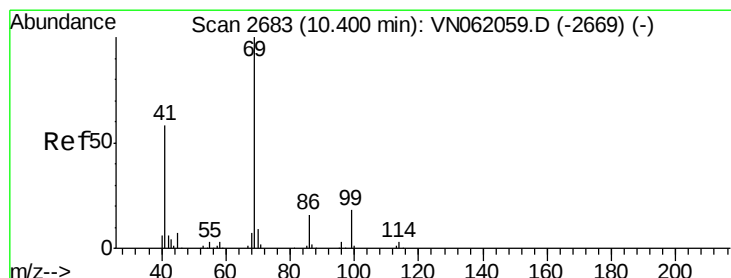
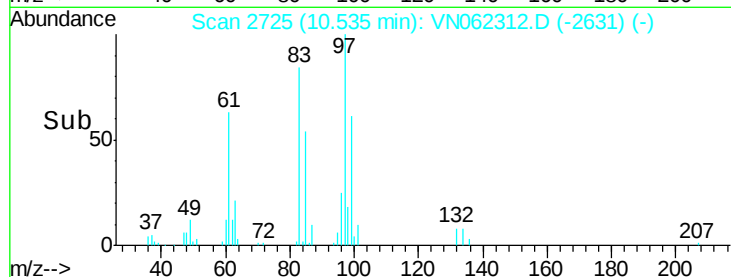
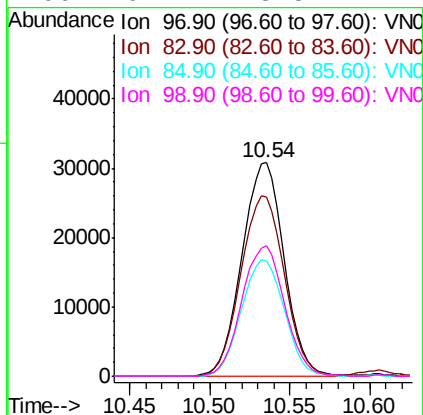
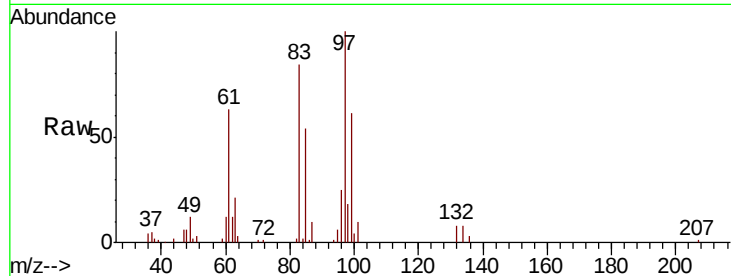




#55
 1,1,2-Trichloroethane
 Concen: 21.176 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN062312.D
 Acq: 2 Jul 2020 1:08

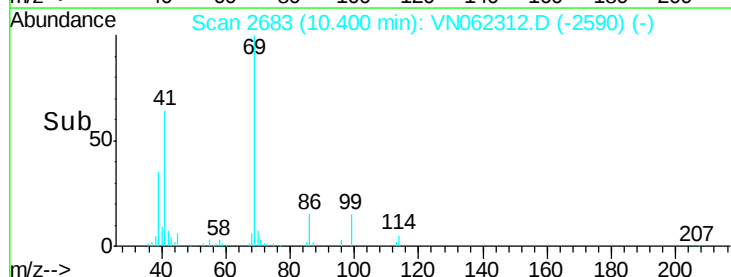
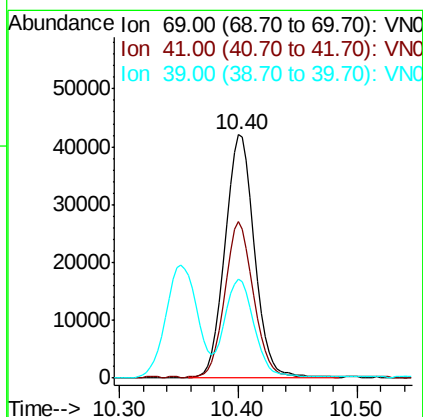
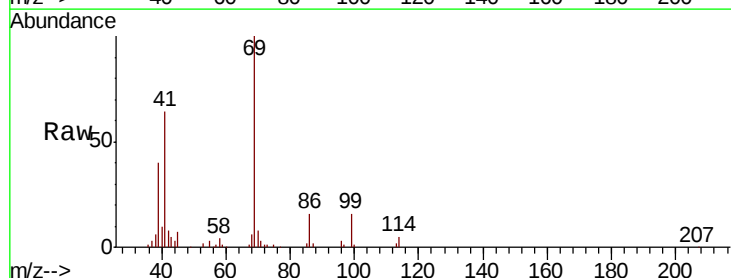
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBS02

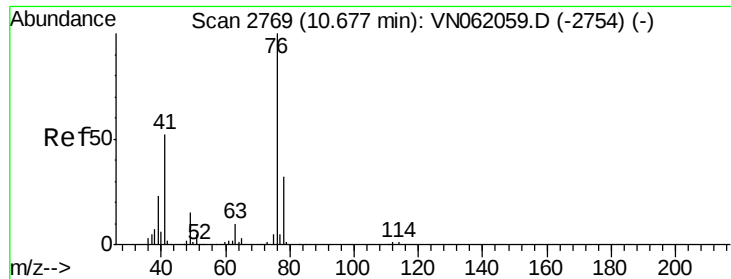
Tot Ion: 97 Resp: 55493
 Ion Ratio Lower Upper
 97 100
 83 83.8 68.2 102.2
 85 54.0 43.2 64.8
 99 61.1 48.5 72.7



#56
 Ethyl methacrylate
 Concen: 20.710 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062312.D
 Acq: 2 Jul 2020 1:08

Tgt Ion: 69 Resp: 72427
 Ion Ratio Lower Upper
 69 100
 41 61.6 46.6 70.0
 39 40.3 31.0 46.4

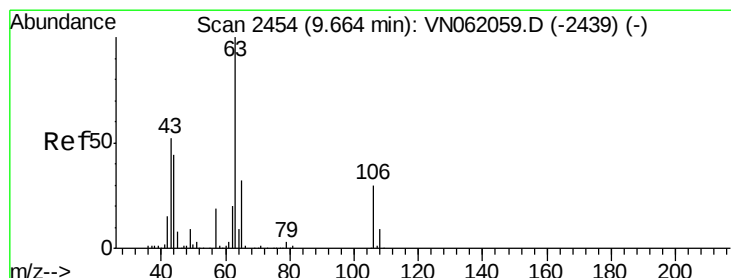
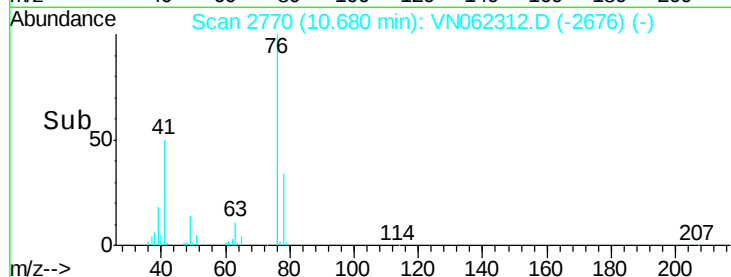
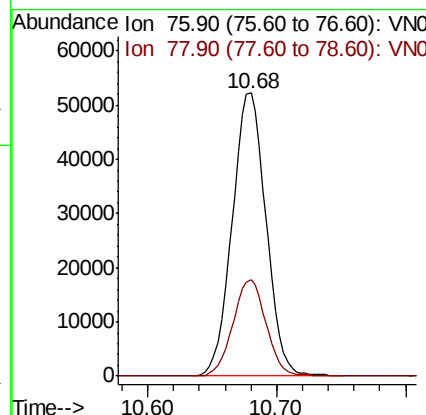
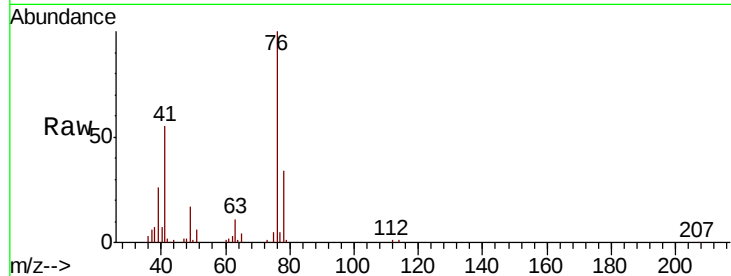




#57
 1,3-Dichloropropane
 Concen: 21.043 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062312.D
 Acq: 2 Jul 2020 1:08

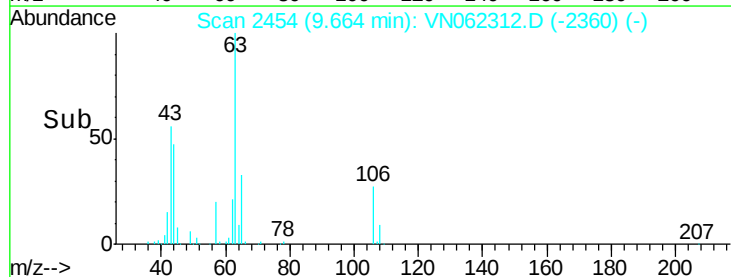
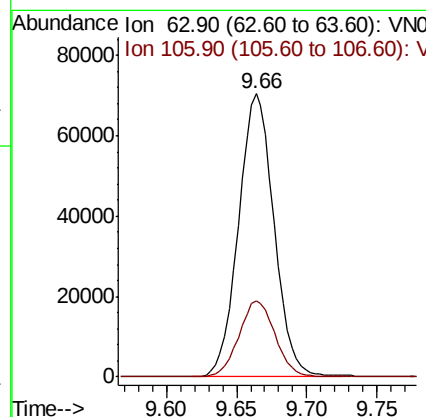
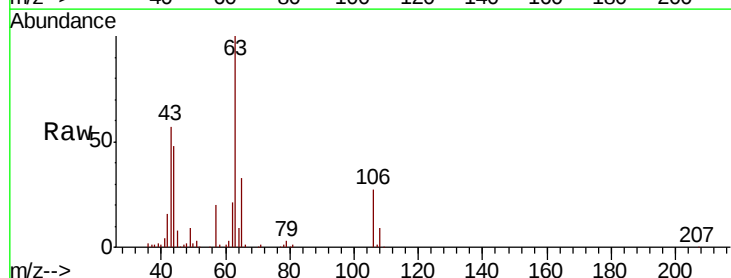
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBS02

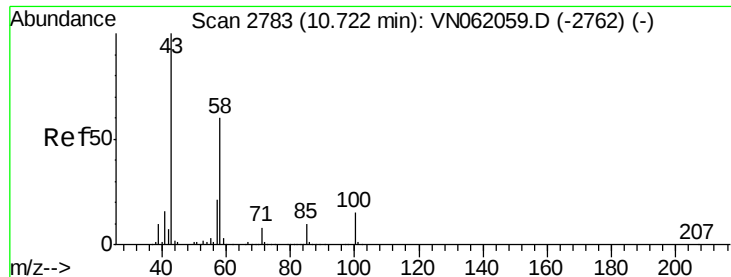
Tot Ion: 76 Resp: 94915
 Ion Ratio Lower Upper
 76 100
 78 33.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.096 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062312.D
 Acq: 2 Jul 2020 1:08

Tgt Ion: 63 Resp: 124122
 Ion Ratio Lower Upper
 63 100
 106 27.6 23.2 34.8

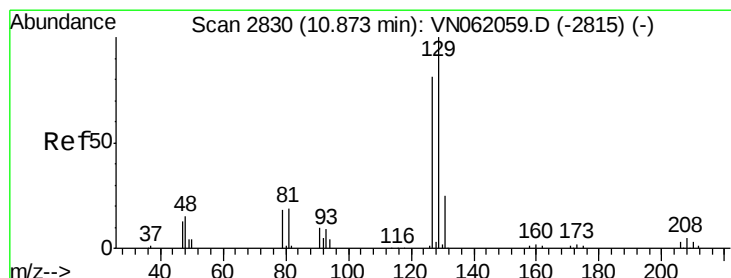
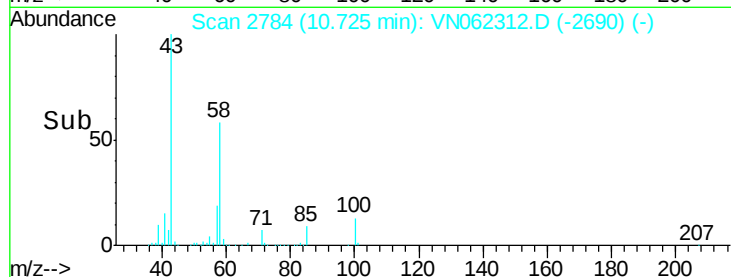
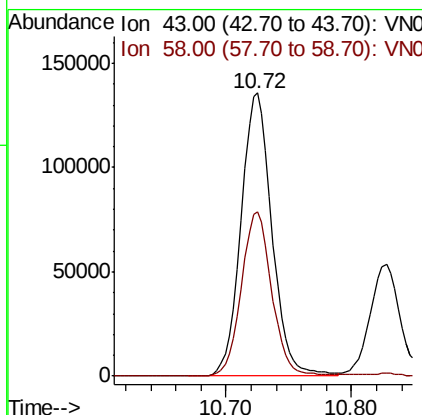
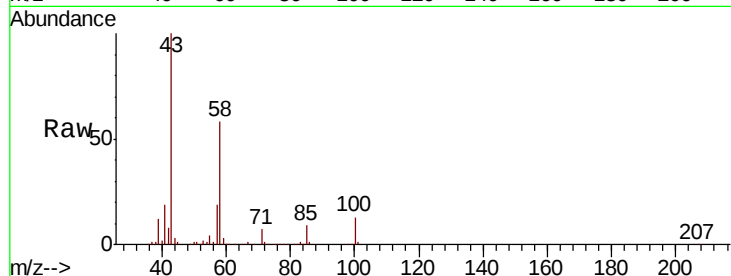




#59
2-Hexanone
Concen: 114.216 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

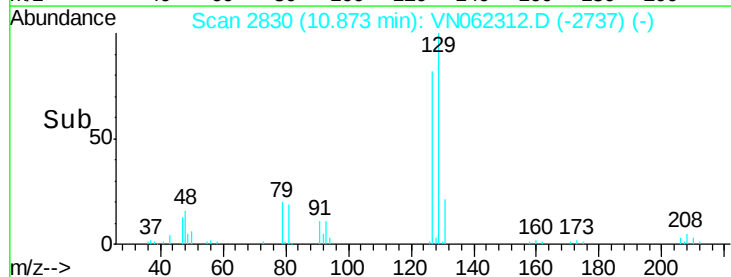
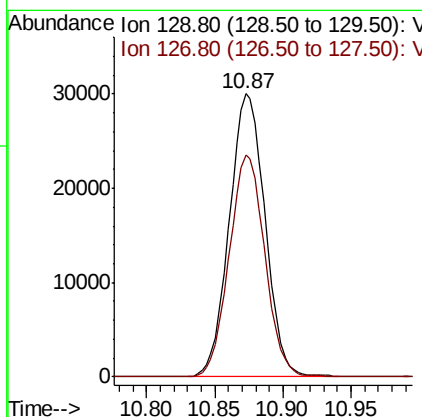
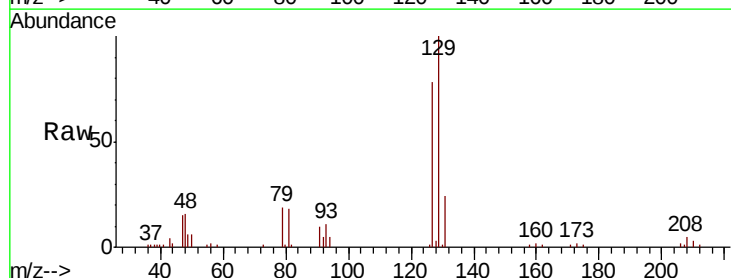
Instrument :
MSVOA_N
ClientSampled :
VN0701WBS02

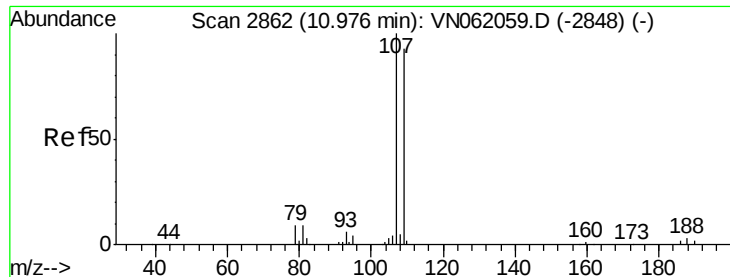
Tot Ion: 43 Resp: 233164
Ion Ratio Lower Upper
43 100
58 56.9 29.5 88.5



#60
Dibromochloromethane
Concen: 19.698 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

Tgt Ion: 129 Resp: 54650
Ion Ratio Lower Upper
129 100
127 78.2 39.5 118.5





#61

1,2-Dibromoethane

Concen: 20.144 ug/l

RT: 10.98 min Scan# 2862

Delta R.T. 0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

Instrument :

MSVOA_N

ClientSampleId :

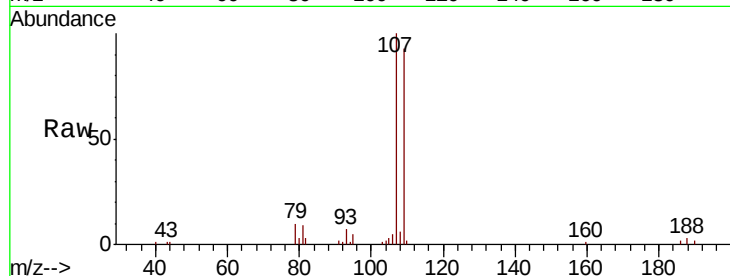
VN0701WBS02

Tot Ion:107 Resp: 54241

Ion Ratio Lower Upper

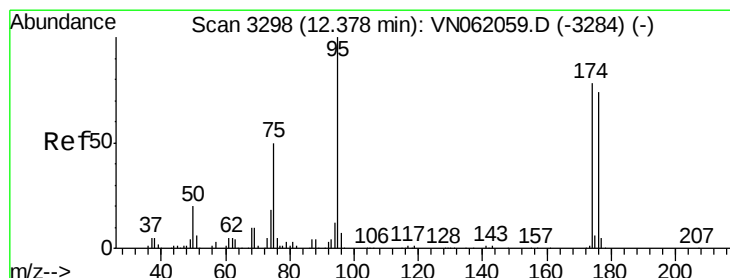
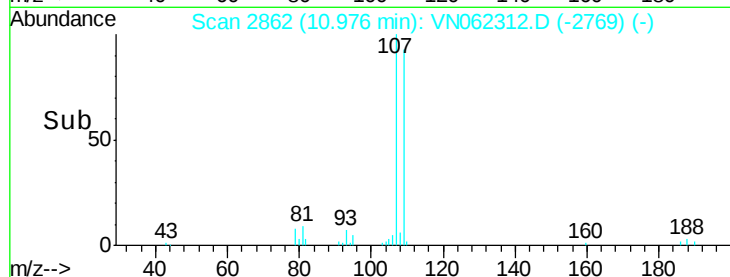
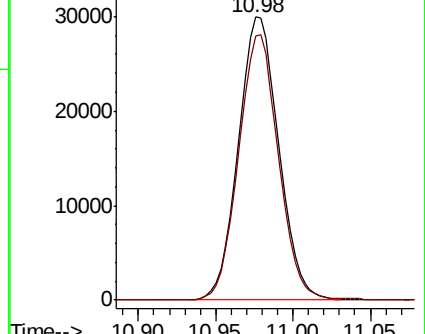
107 100

109 92.6 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.024 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

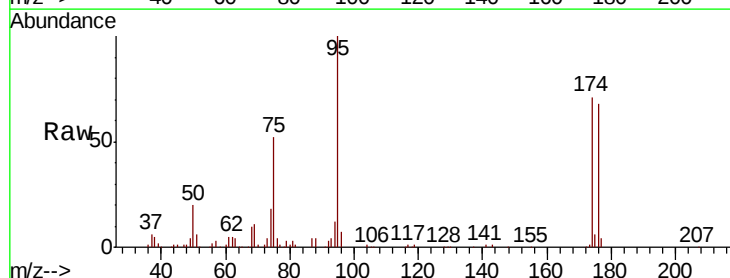
Tgt Ion: 95 Resp: 151479

Ion Ratio Lower Upper

95 100

174 70.9 0.0 154.8

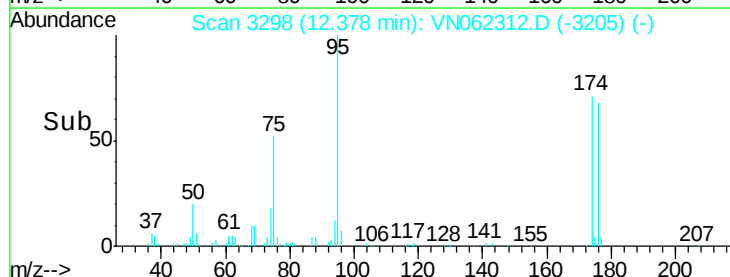
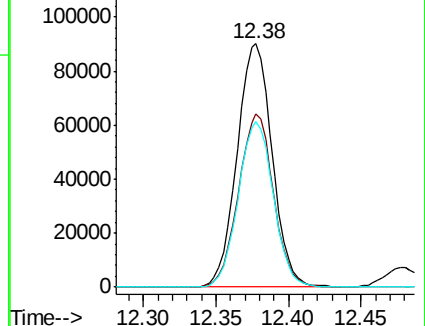
176 68.0 0.0 147.4

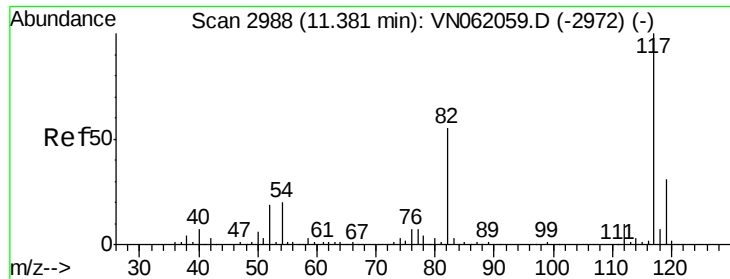


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

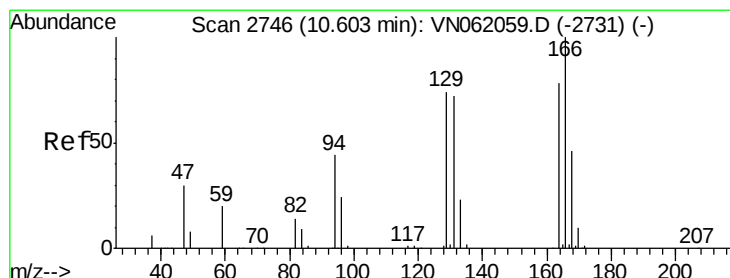
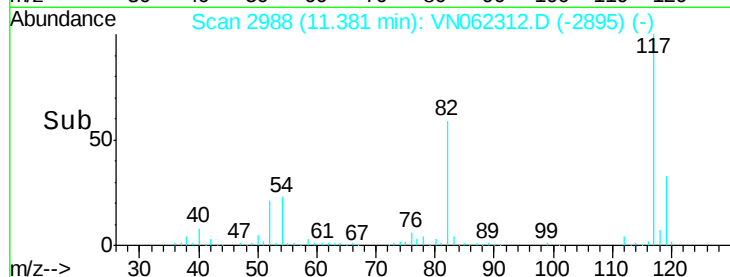
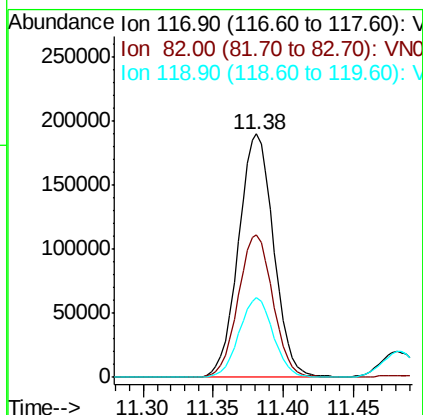
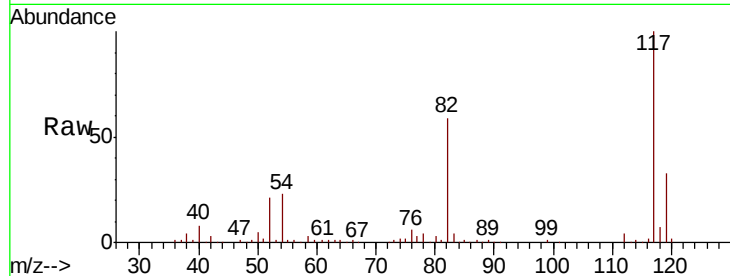




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

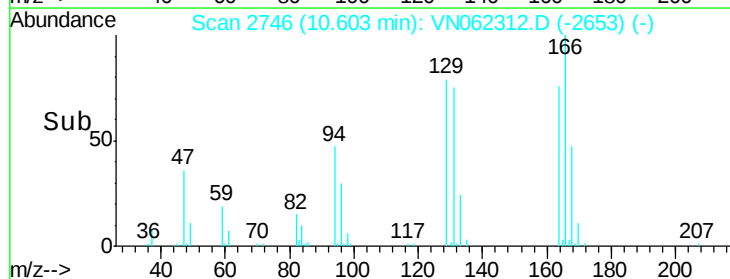
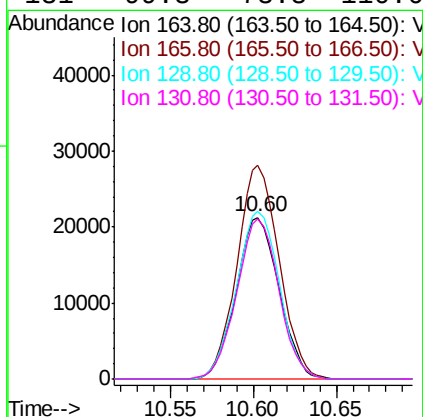
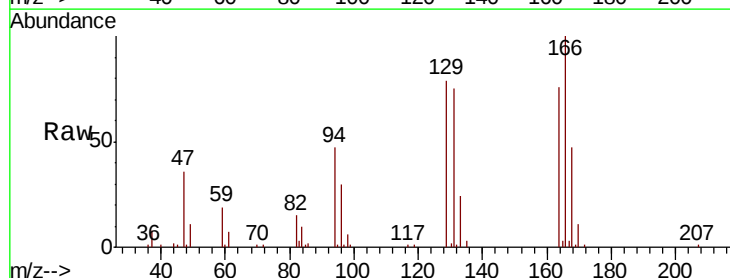
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBS02

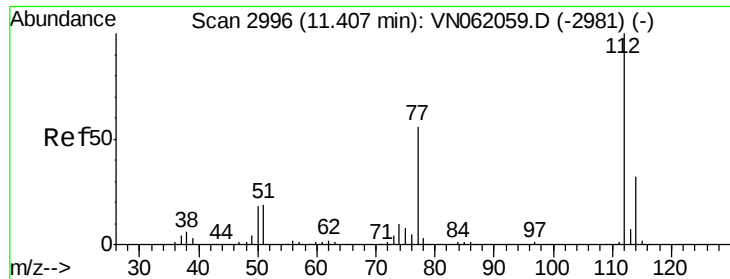
Tot Ion:117 Resp: 331808
Ion Ratio Lower Upper
117 100
82 58.7 43.8 65.8
119 32.7 25.2 37.8



#64
Tetrachloroethene
Concen: 16.891 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

Tgt Ion:164 Resp: 38284
Ion Ratio Lower Upper
164 100
166 132.4 102.9 154.3
129 104.0 75.8 113.8
131 99.3 73.8 110.6





#65

Chlorobenzene

Concen: 18.797 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

Instrument :

MSVOA_N

ClientSampleId :

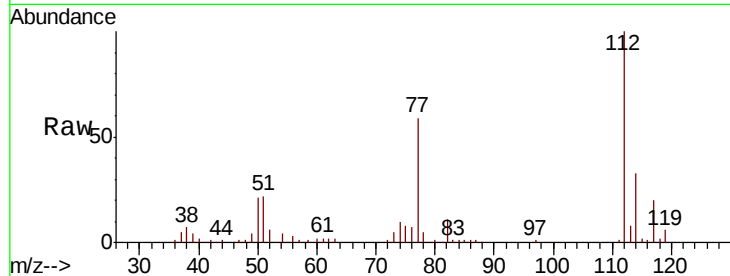
VN0701WBS02

Tot Ion:112 Resp: 136966

Ion Ratio Lower Upper

112 100

114 32.7 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

80000

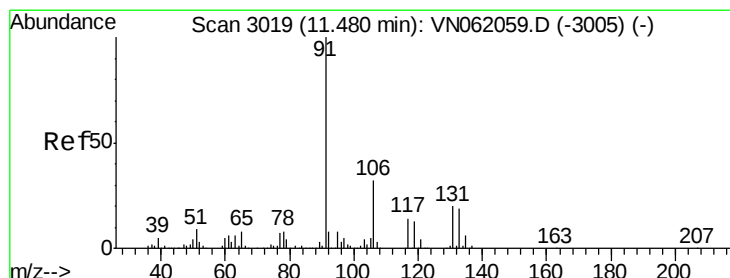
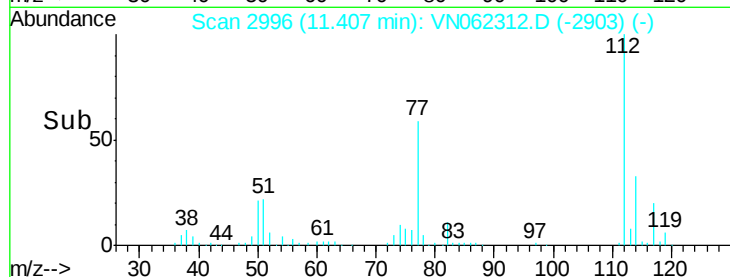
60000

40000

20000

0

Time--> 11.35 11.40 11.45 11.50



#66

1,1,1,2-Tetrachloroethane

Concen: 19.743 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

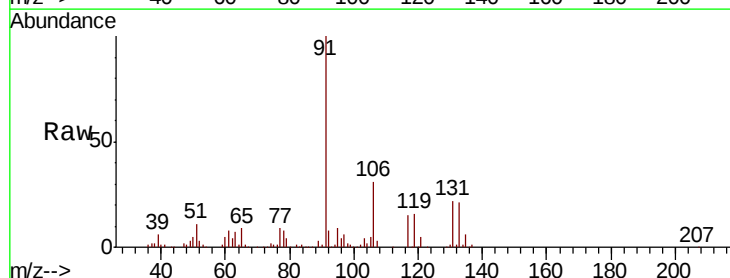
Tgt Ion:131 Resp: 49746

Ion Ratio Lower Upper

131 100

133 95.0 47.6 142.9

119 70.9 34.4 103.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

50000

40000

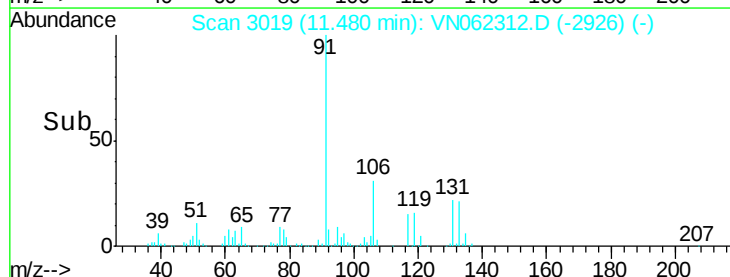
30000

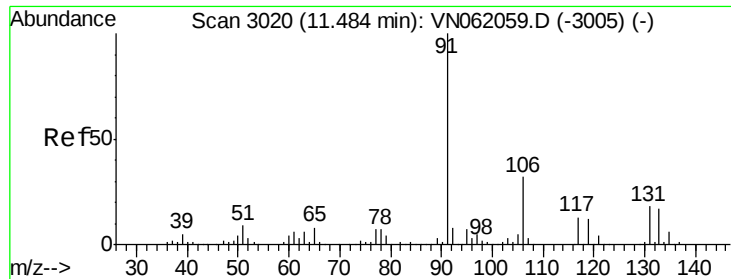
20000

10000

0

Time--> 11.40 11.45 11.50 11.55

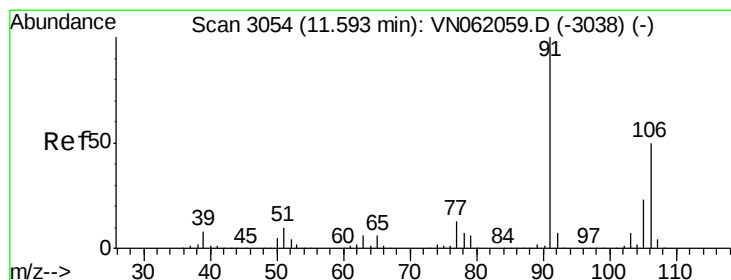
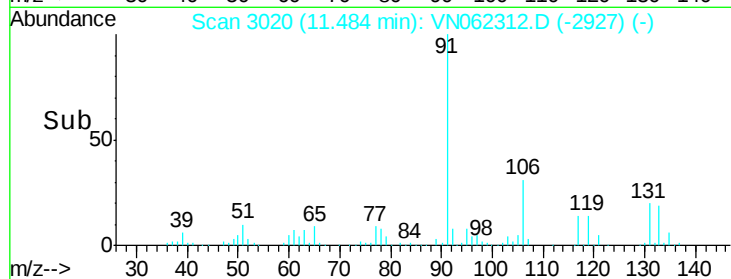
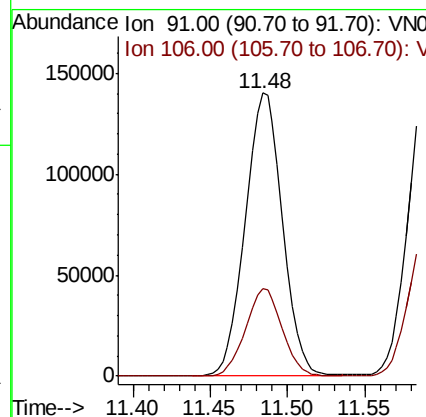
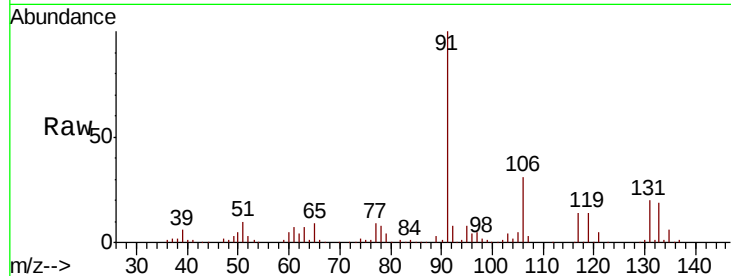




#67
Ethyl Benzene
Concen: 19.086 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

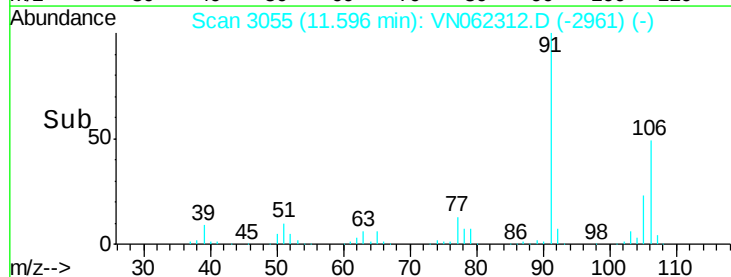
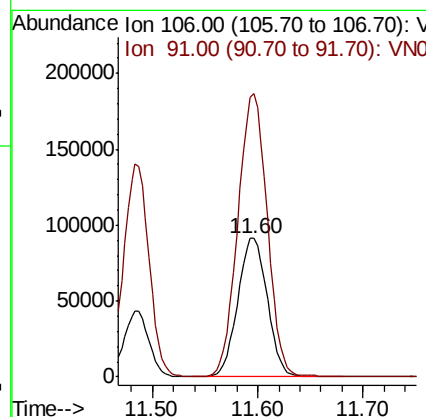
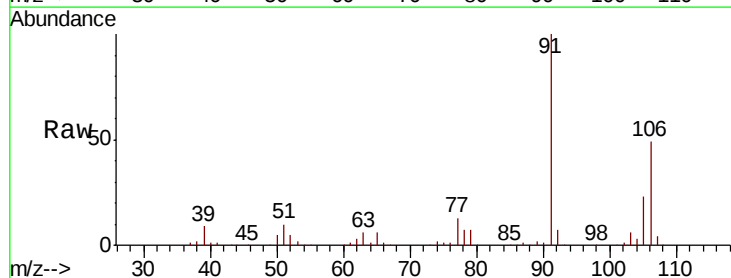
Instrument :
MSVOA_N
ClientSampled :
VN0701WBS02

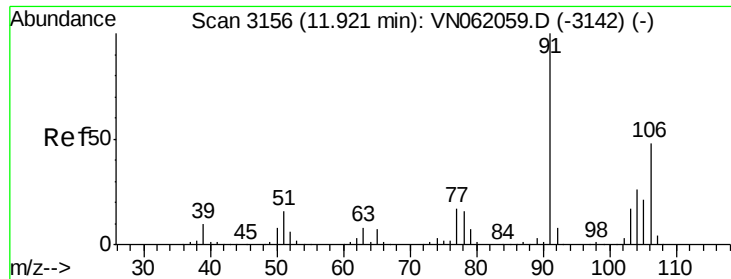
Tot Ion: 91 Resp: 234880
Ion Ratio Lower Upper
91 100
106 31.1 25.3 37.9



#68
m/p-Xylenes
Concen: 37.315 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

Tgt Ion: 106 Resp: 177612
Ion Ratio Lower Upper
106 100
91 202.2 157.8 236.8

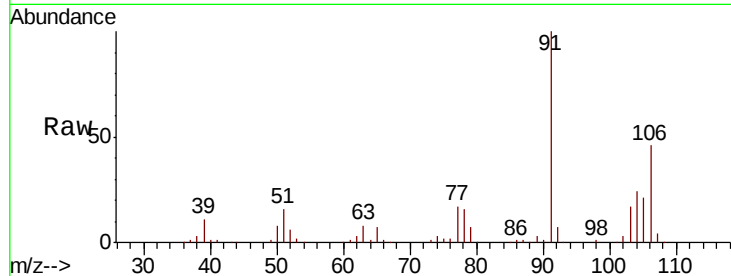




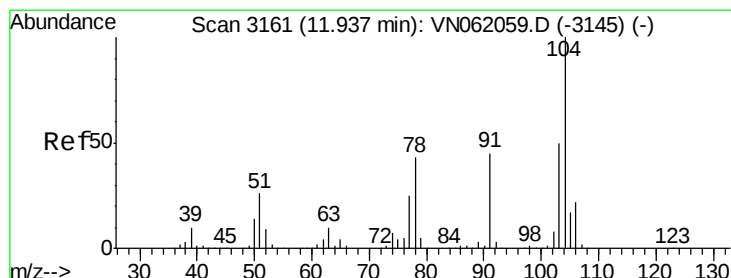
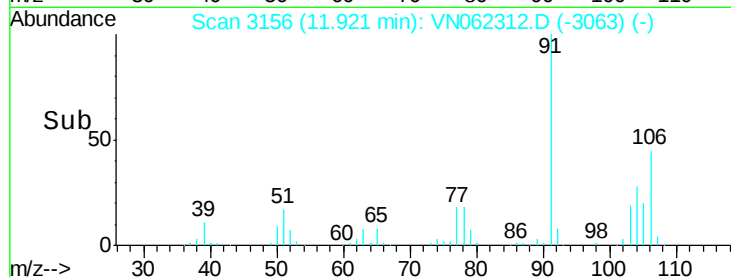
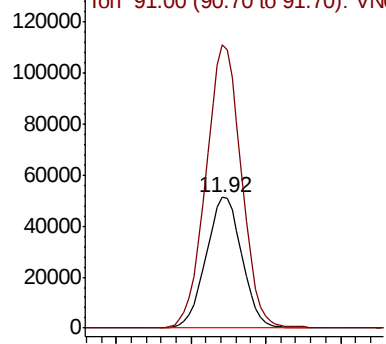
#69
o-Xylene
Concen: 19.073 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBS02

Tot Ion:106 Resp: 85655
Ion Ratio Lower Upper
106 100
91 214.4 104.0 311.9

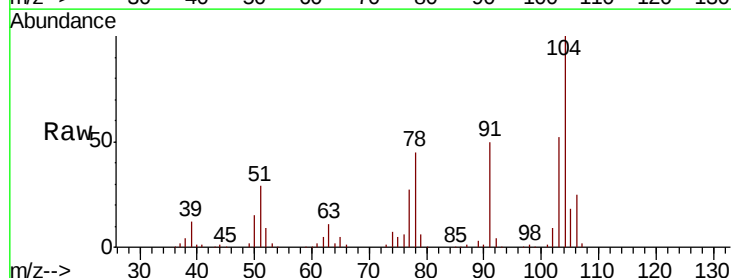


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

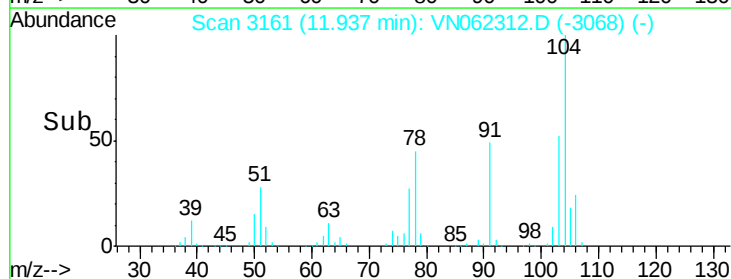
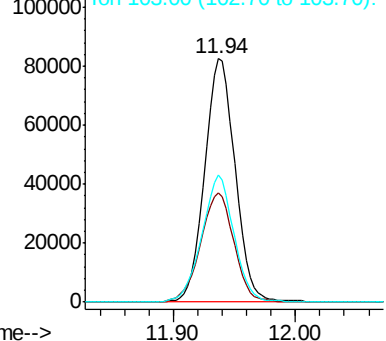


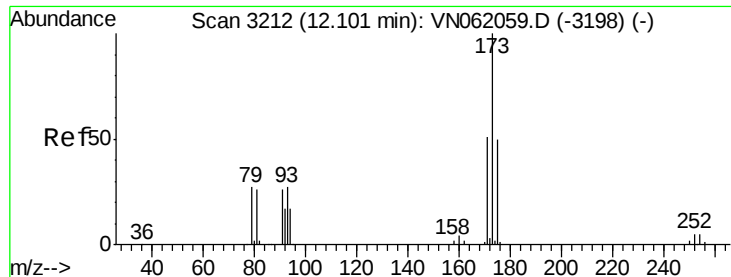
#70
Styrene
Concen: 19.107 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

Tgt Ion:104 Resp: 143103
Ion Ratio Lower Upper
104 100
78 49.4 37.7 56.5
103 55.0 43.0 64.6



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

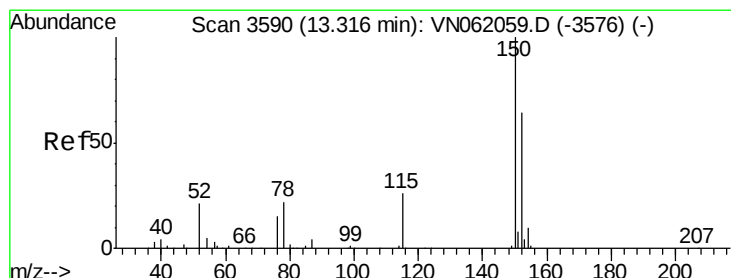
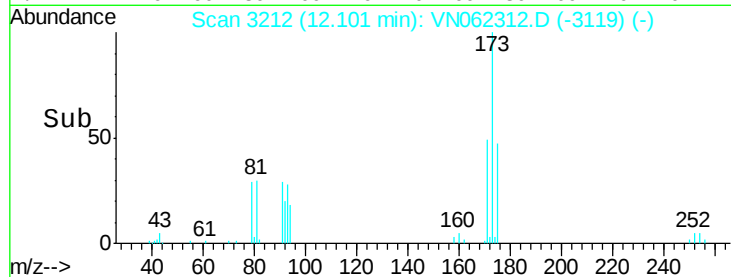
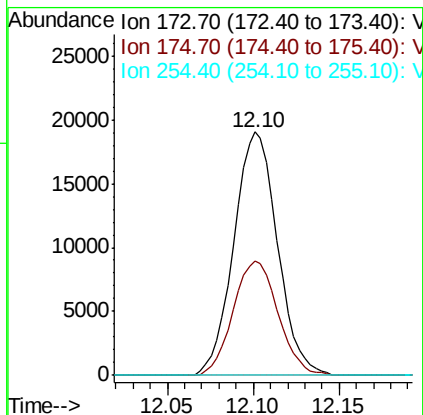
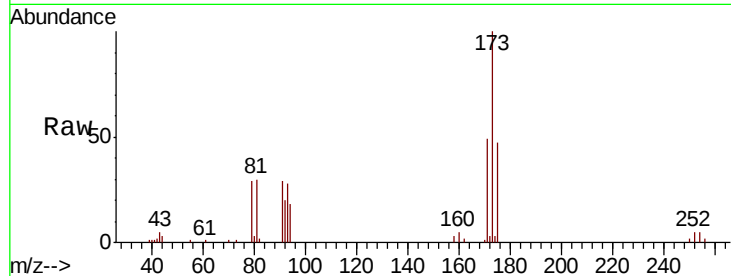




#71
Bromoform
Concen: 18.737 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

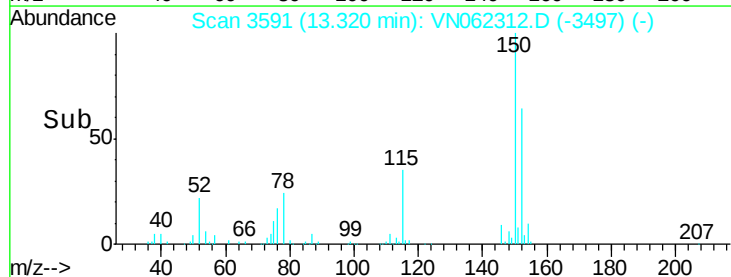
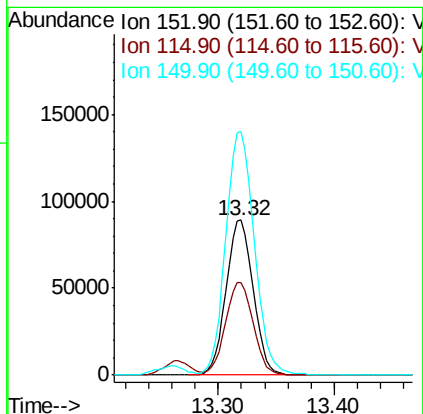
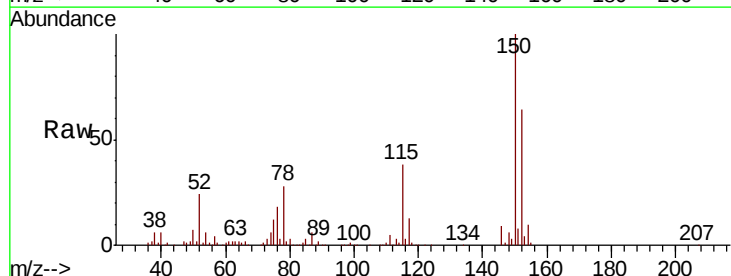
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBS02

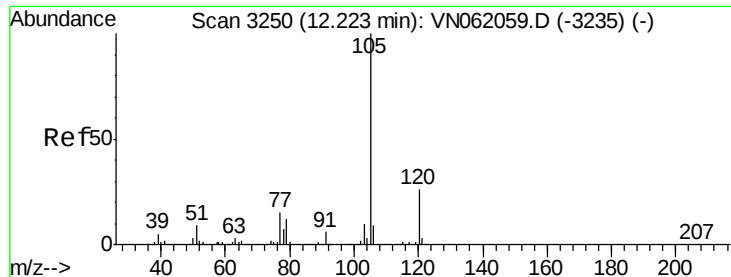
Tot Ion:173 Resp: 33567
Ion Ratio Lower Upper
173 100
175 48.5 24.7 74.1
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

Tgt Ion:152 Resp: 143926
Ion Ratio Lower Upper
152 100
115 60.8 29.5 88.5
150 165.3 0.0 351.4





#73

Isopropylbenzene

Concen: 19.748 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

Instrument :

MSVOA_N

ClientSampled :

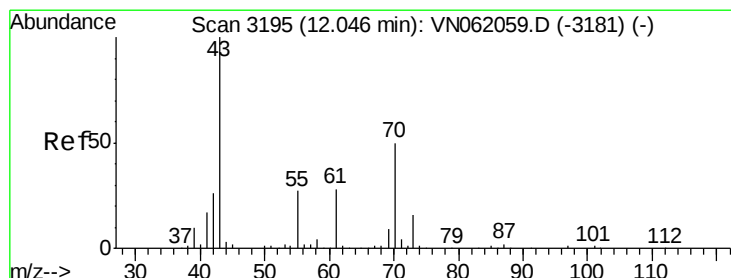
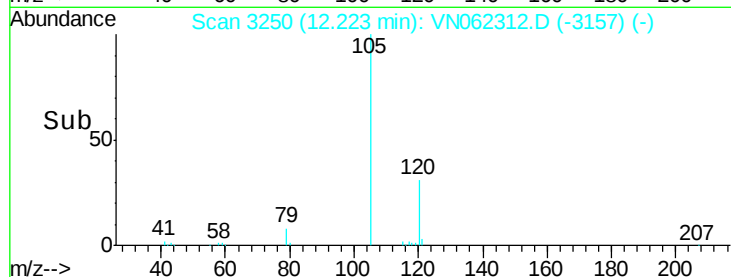
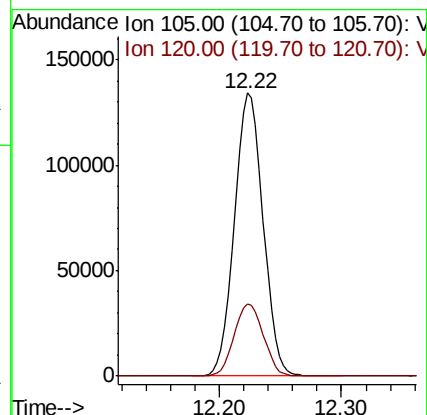
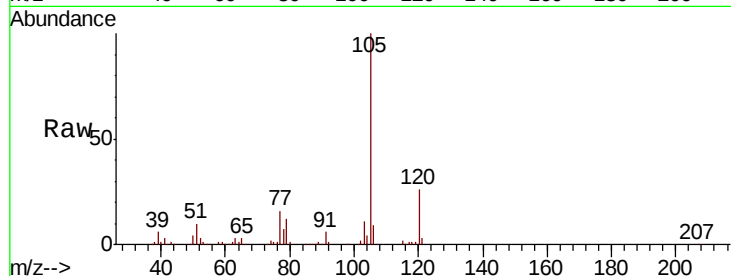
VN0701WBS02

Tot Ion:105 Resp: 220017

Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.6



#74

N-ethyl acetate

Concen: 21.838 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

Tgt Ion: 43 Resp: 81287

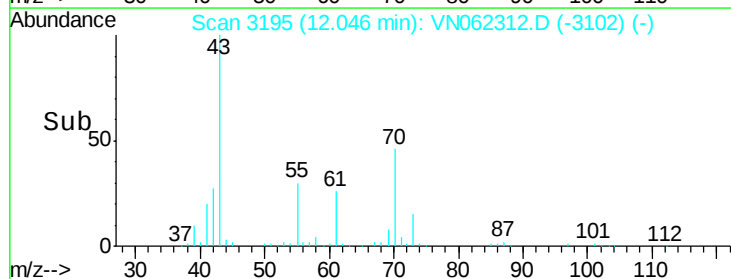
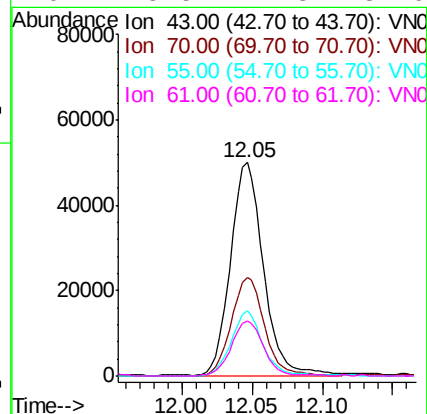
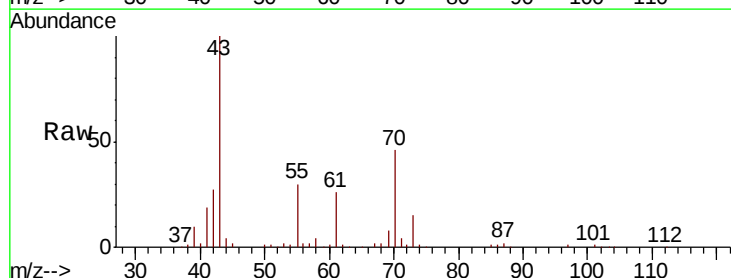
Ion Ratio Lower Upper

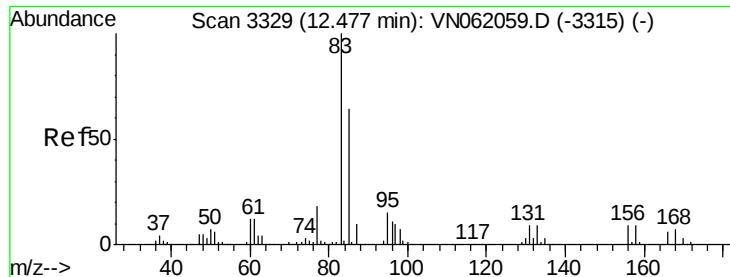
43 100

70 46.6 39.4 59.2

55 29.8 21.7 32.5

61 25.5 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 22.630 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. 0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

Instrument :

MSVOA_N

ClientSampled :

VN0701WBS02

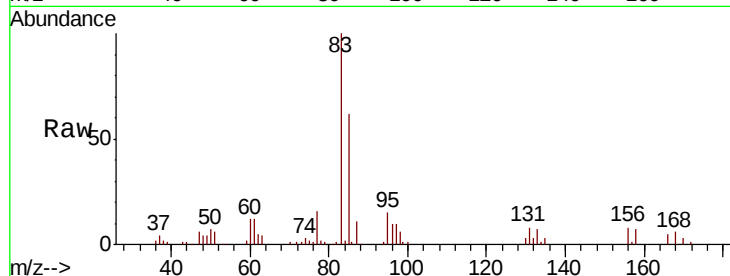
Tot Ion: 83 Resp: 83900

Ion Ratio Lower Upper

83 100

131 8.8 4.8 14.4

85 63.6 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0

12.48

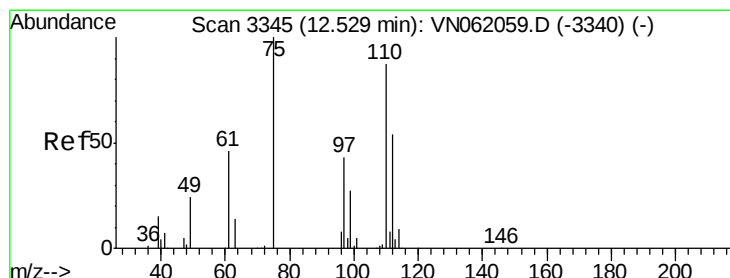
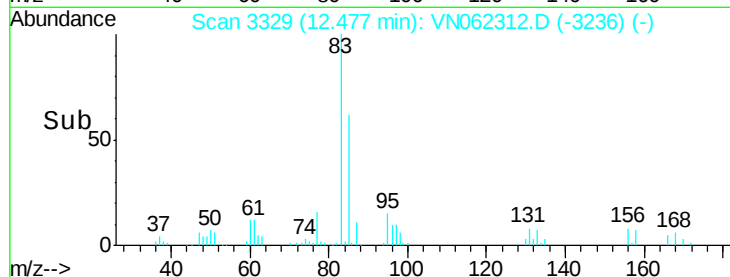
60000

40000

20000

0

Time--> 12.40 12.45 12.50



#76

1,2,3-Trichloropropane

Concen: 29.213 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062312.D

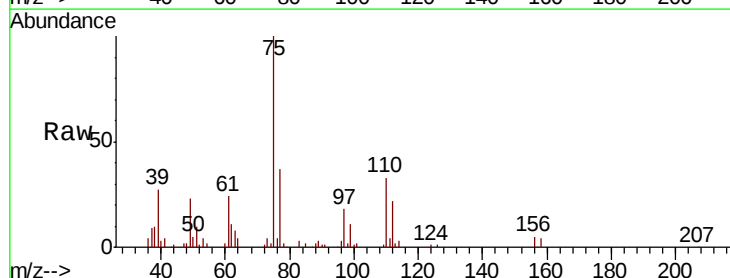
Acq: 2 Jul 2020 1:08

Tgt Ion: 75 Resp: 98979

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

12.53

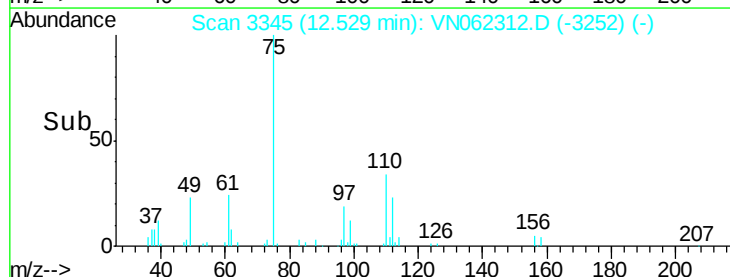
60000

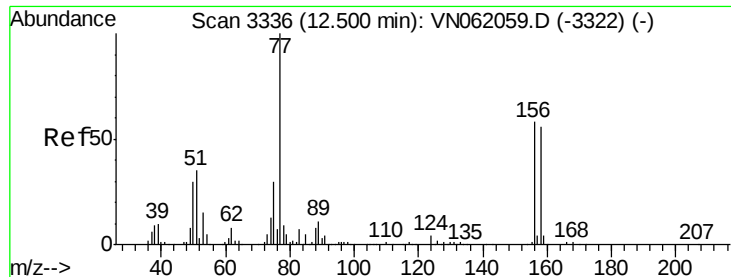
40000

20000

0

Time--> 12.40 12.50 12.60





#77

Bromobenzene

Concen: 19.926 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBS02

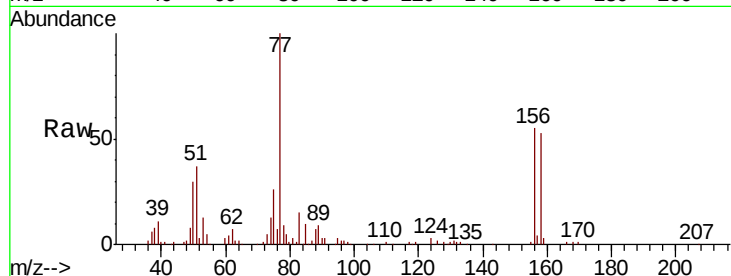
Tot Ion:156 Resp: 55114

Ion Ratio Lower Upper

156 100

77 226.4 104.6 313.8

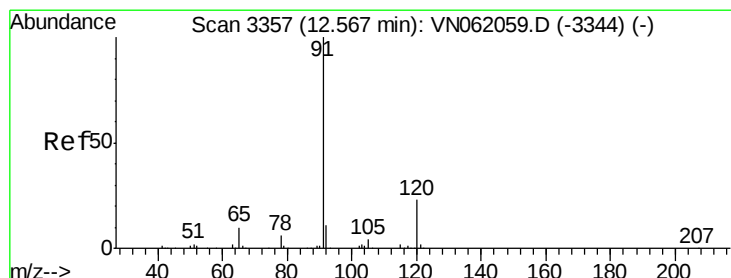
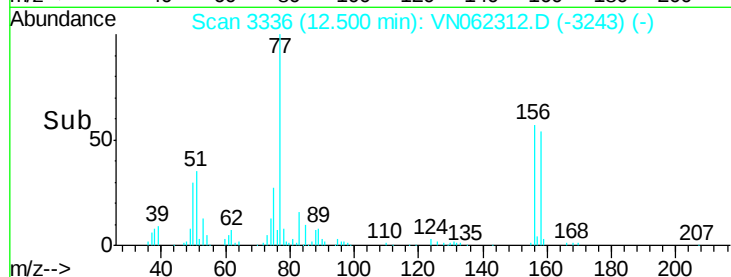
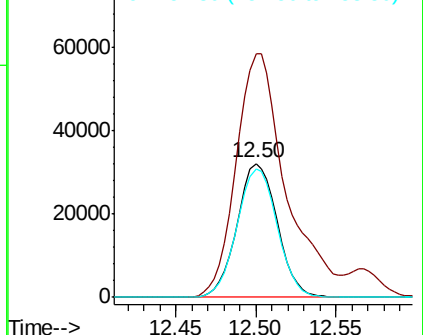
158 95.9 48.0 144.0



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: 20.031 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062312.D

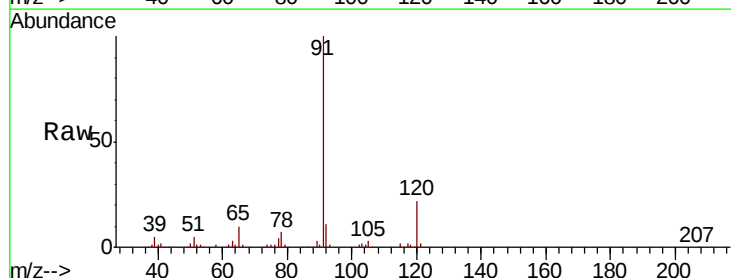
Acq: 2 Jul 2020 1:08

Tgt Ion: 91 Resp: 255266

Ion Ratio Lower Upper

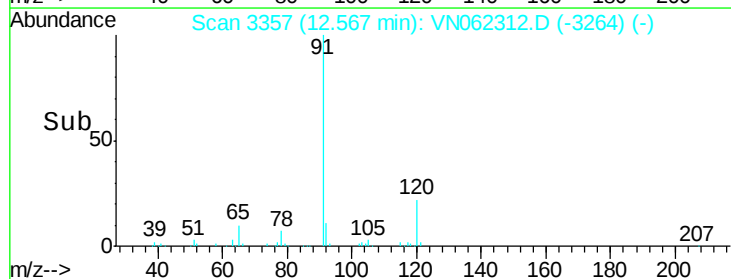
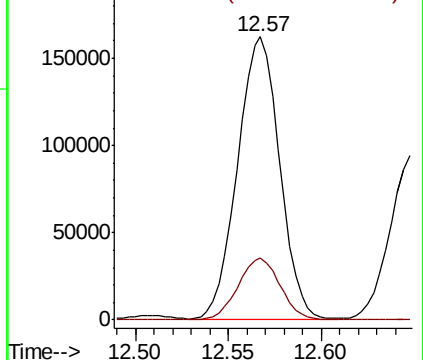
91 100

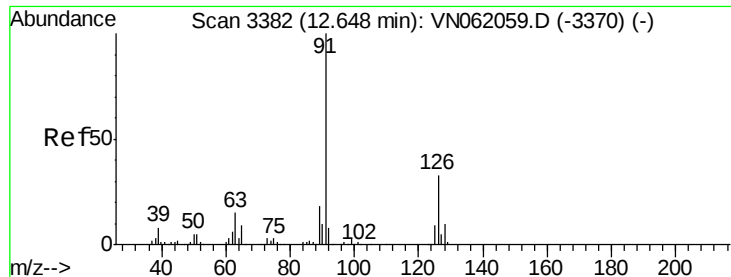
120 21.8 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.546 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

Instrument :

MSVOA_N

ClientSampled :

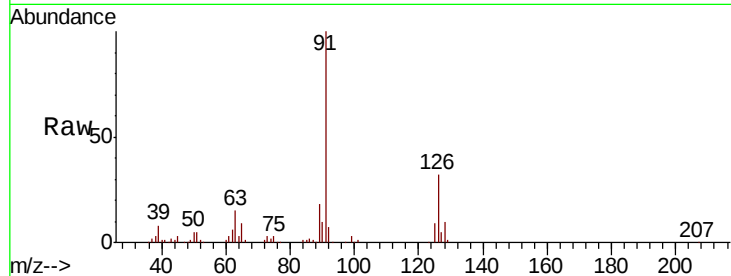
VN0701WBS02

Tot Ion: 91 Resp: 158292

Ion Ratio Lower Upper

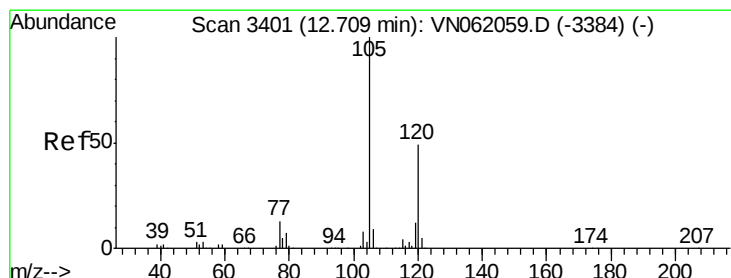
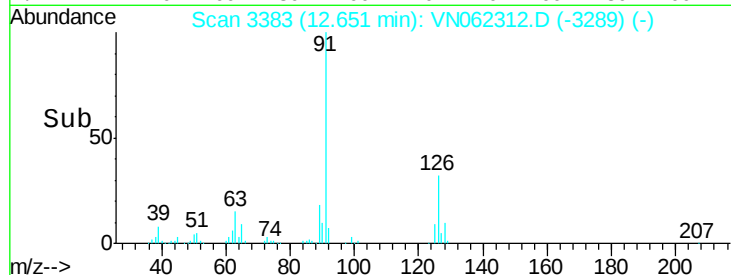
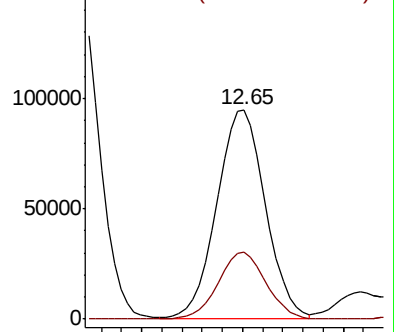
91 100

126 31.7 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN062312.D (-3289) (-)

Ion 125.90 (125.60 to 126.60): VN062312.D (-3289) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.255 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062312.D

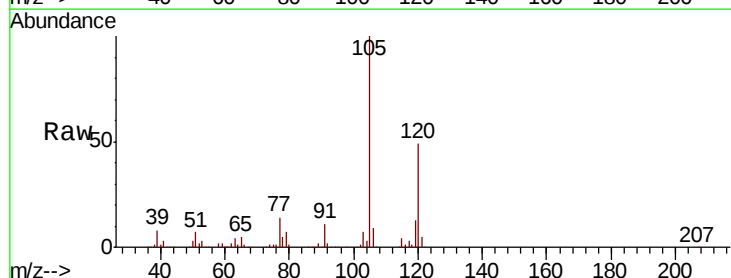
Acq: 2 Jul 2020 1:08

Tgt Ion: 105 Resp: 182934

Ion Ratio Lower Upper

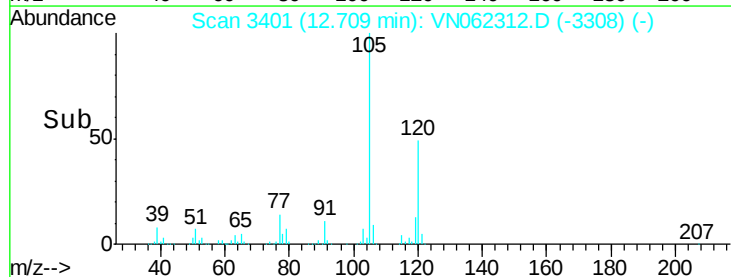
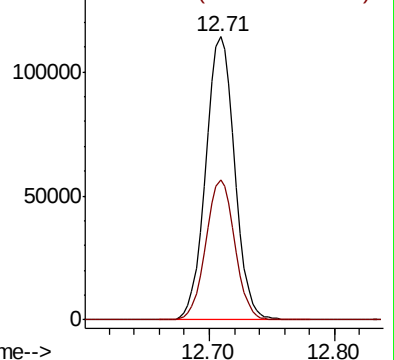
105 100

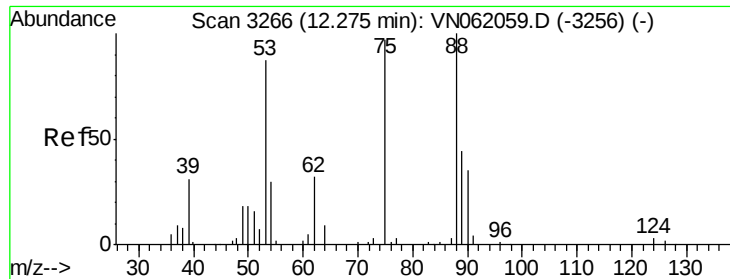
120 49.5 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062312.D (-3308) (-)

Ion 120.00 (119.70 to 120.70): VN062312.D (-3308) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.042 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBS02

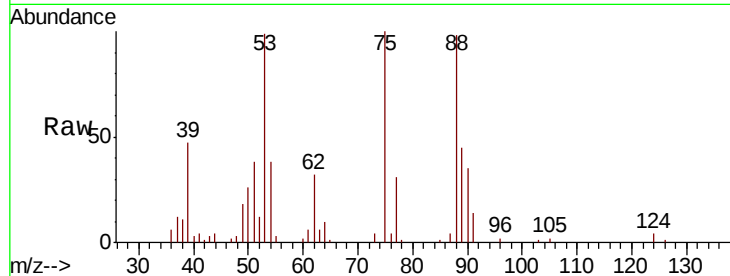
Tot Ion: 75 Resp: 22092

Ion Ratio Lower Upper

75 100

53 100.5 72.0 108.0

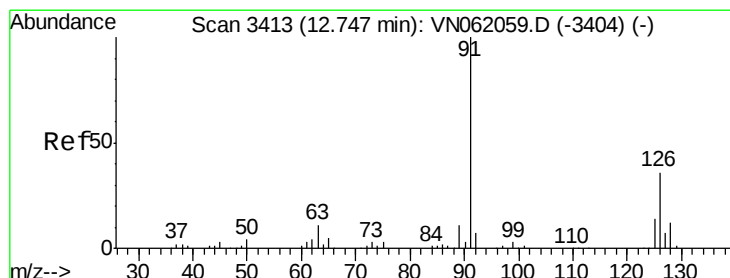
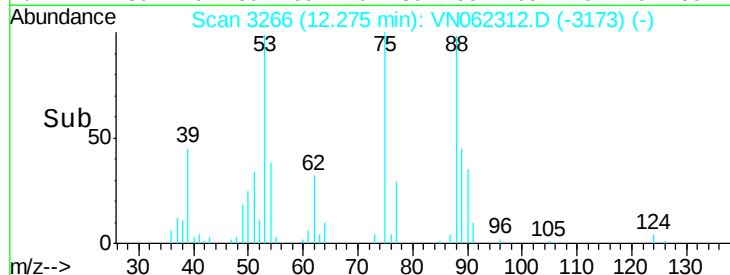
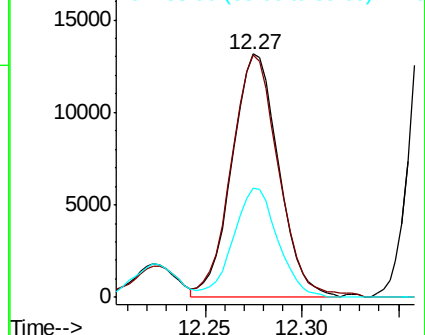
89 42.7 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN062312.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062312.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062312.D (-3173) (-)



#82

4-Chlorotoluene

Concen: 20.108 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062312.D

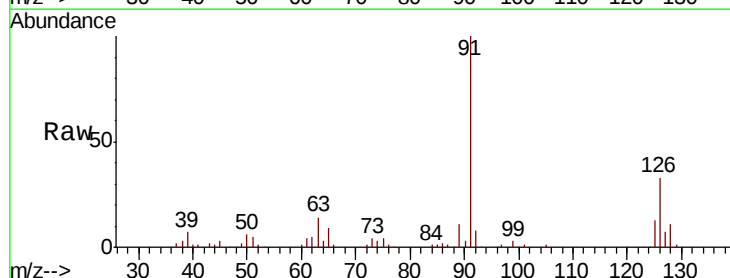
Acq: 2 Jul 2020 1:08

Tgt Ion: 91 Resp: 160198

Ion Ratio Lower Upper

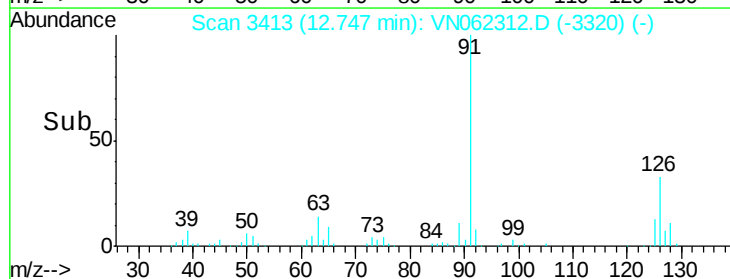
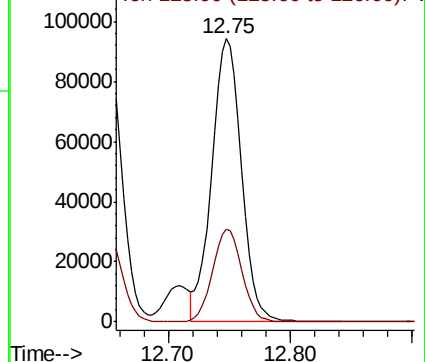
91 100

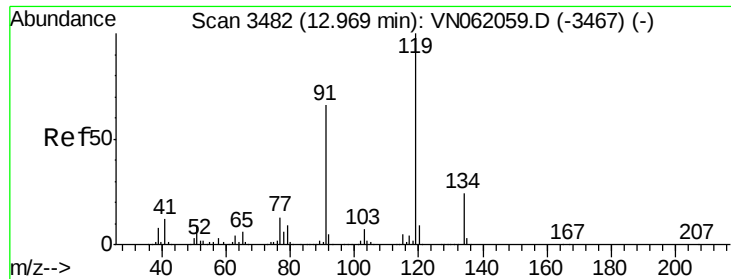
126 32.6 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN062312.D (-3320) (-)

Ion 125.90 (125.60 to 126.60): VN062312.D (-3320) (-)

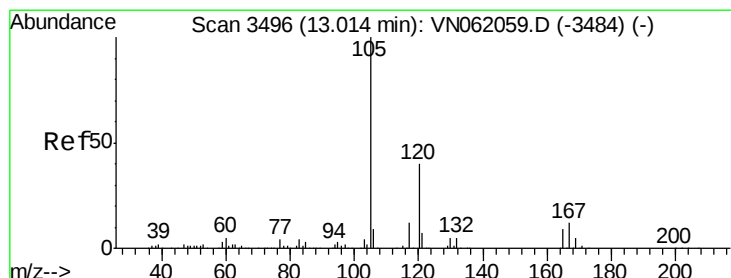
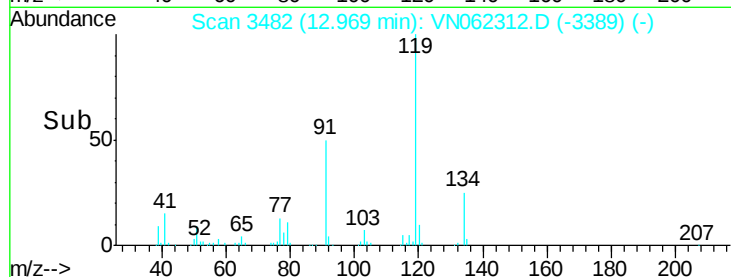
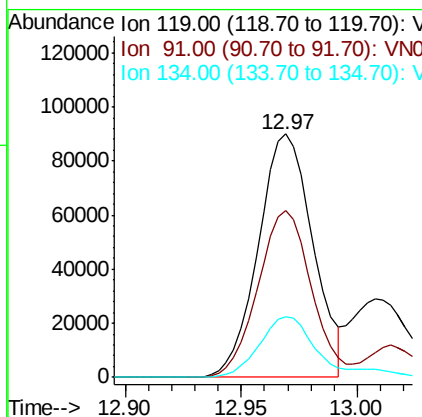
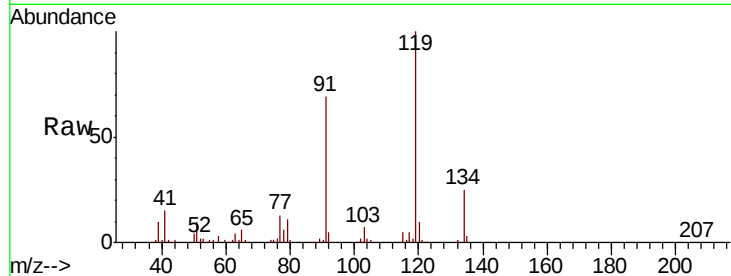




#83
tert-Butylbenzene
Concen: 19.086 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

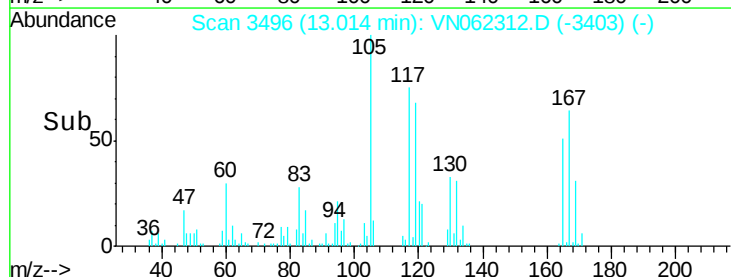
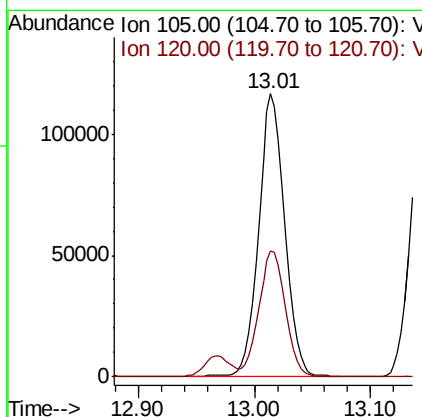
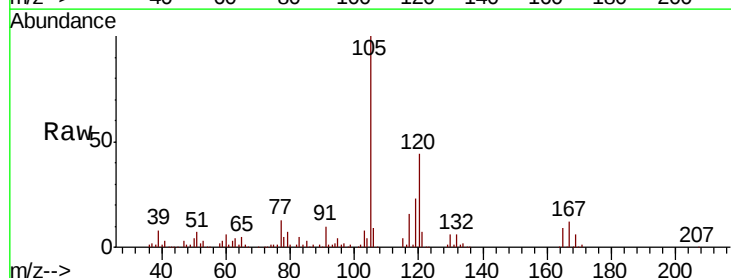
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBS02

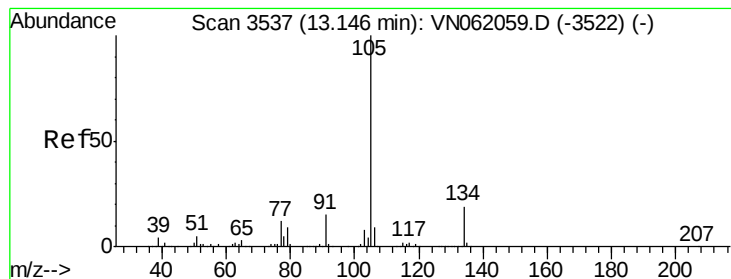
Tot Ion:119 Resp: 147518
Ion Ratio Lower Upper
119 100
91 67.6 31.7 95.1
134 27.4 13.1 39.1



#84
1,2,4-Trimethylbenzene
Concen: 20.279 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

Tgt Ion:105 Resp: 182920
Ion Ratio Lower Upper
105 100
120 45.0 23.2 69.5





#85

sec-Butylbenzene

Concen: 20.022 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

Instrument :

MSVOA_N

ClientSampled :

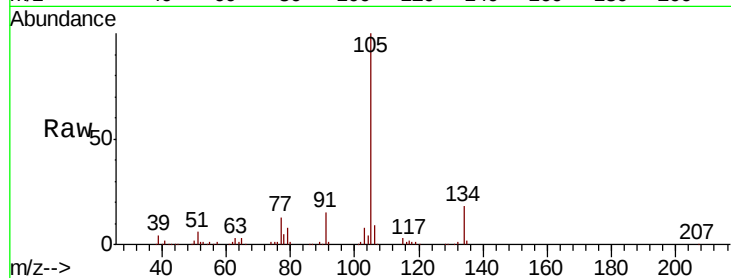
VN0701WBS02

Tot Ion:105 Resp: 204485

Ion Ratio Lower Upper

105 100

134 18.3 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

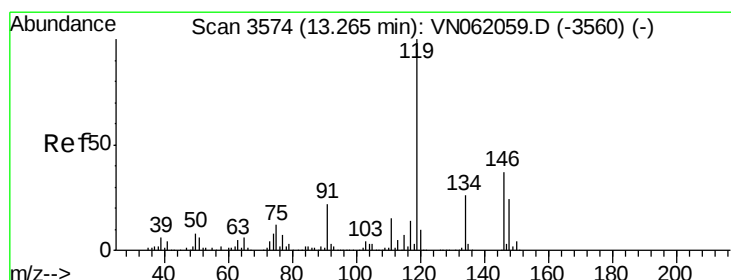
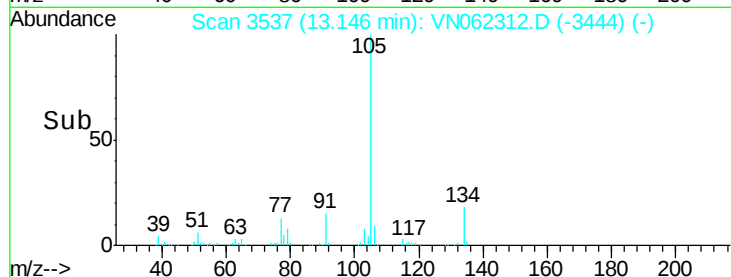
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.408 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

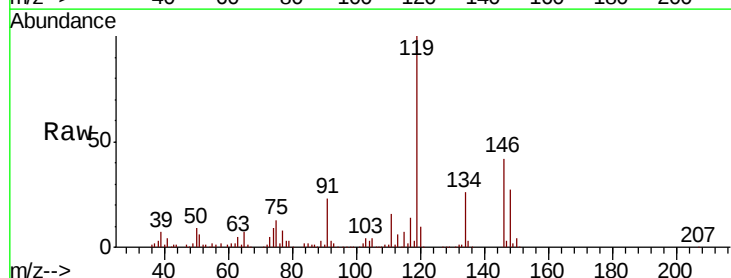
Tgt Ion:119 Resp: 173660

Ion Ratio Lower Upper

119 100

134 25.7 13.0 39.0

91 23.1 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

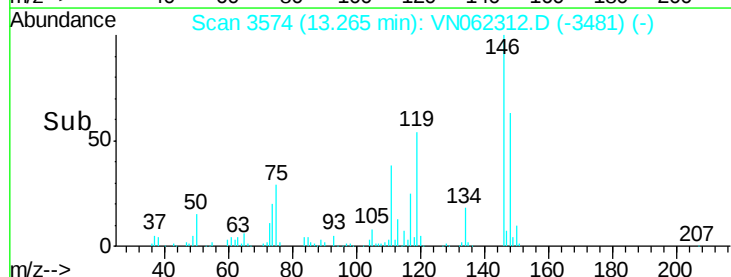
150000

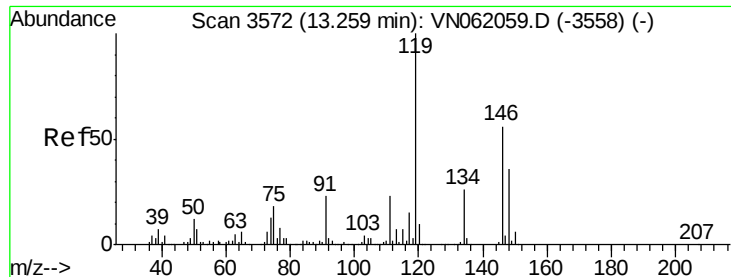
100000

50000

0

Time-->

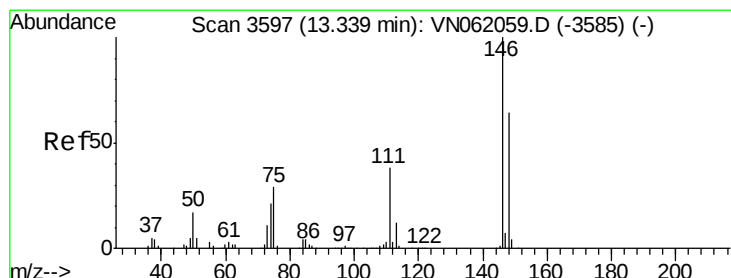
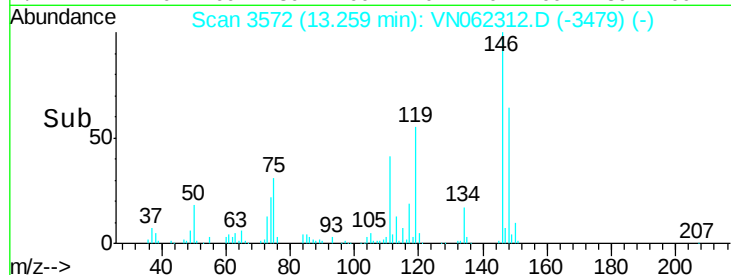
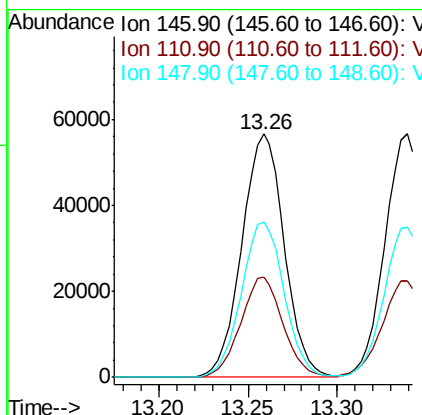
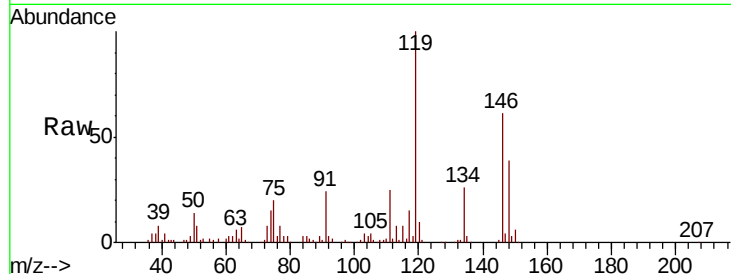




#87
 1,3-Dichlorobenzene
 Concen: 19.310 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN062312.D
 Acq: 2 Jul 2020 1:08

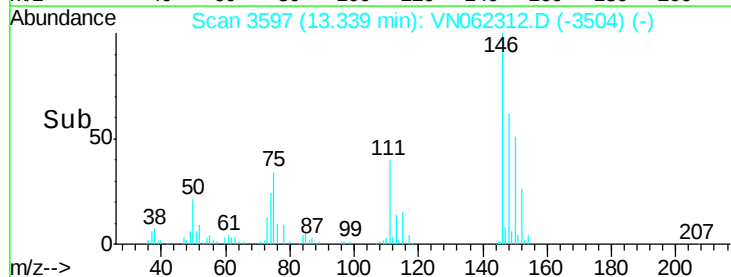
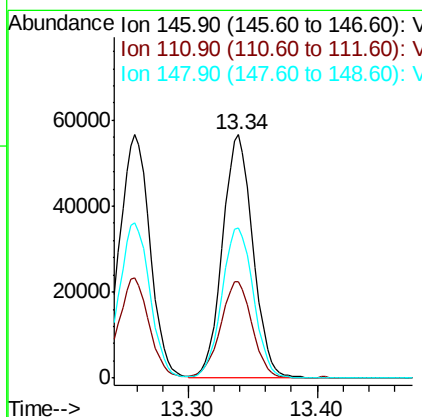
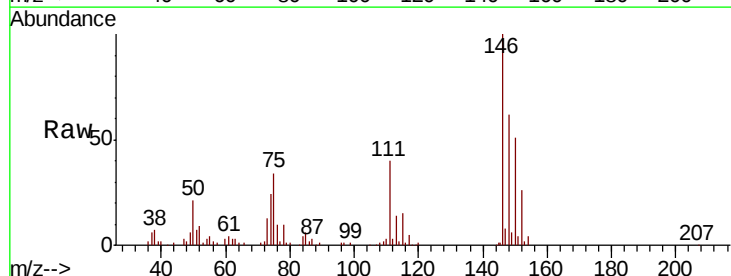
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBS02

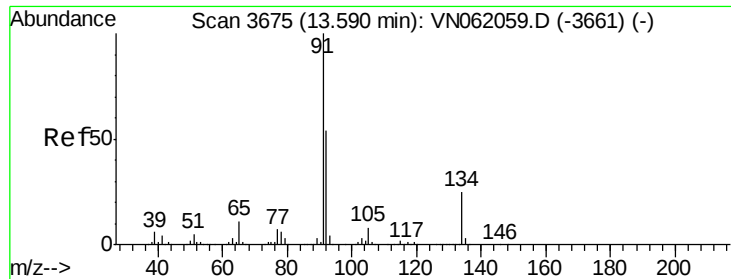
Tot Ion:146 Resp: 93789
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.3 61.0
 148 64.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 18.510 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN062312.D
 Acq: 2 Jul 2020 1:08

Tgt Ion:146 Resp: 92675
 Ion Ratio Lower Upper
 146 100
 111 41.6 19.9 59.6
 148 63.4 31.9 95.9

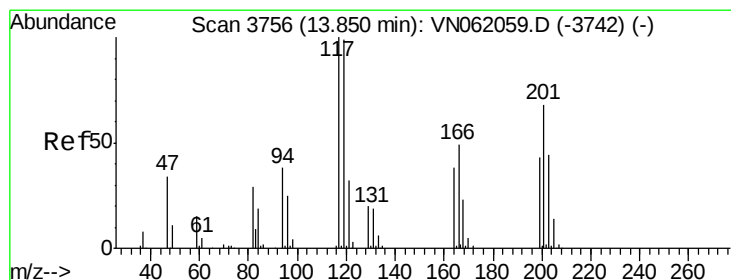
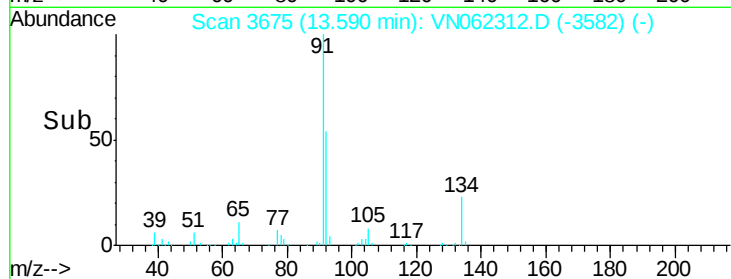
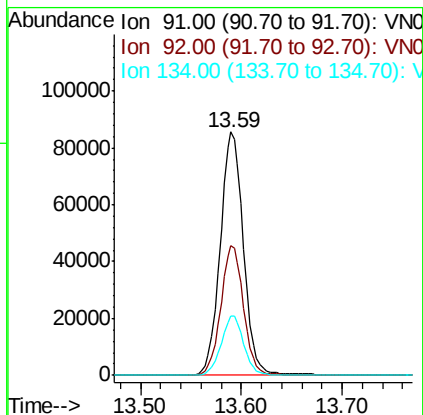
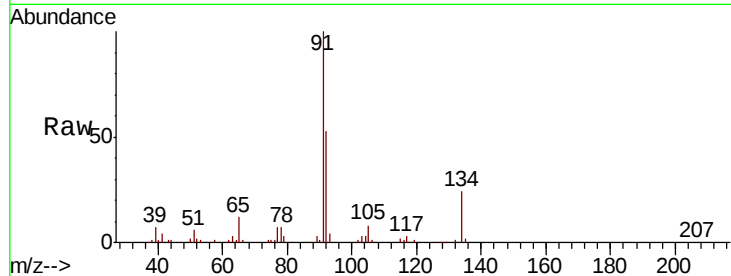




#89
n-Butylbenzene
Concen: 18.468 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

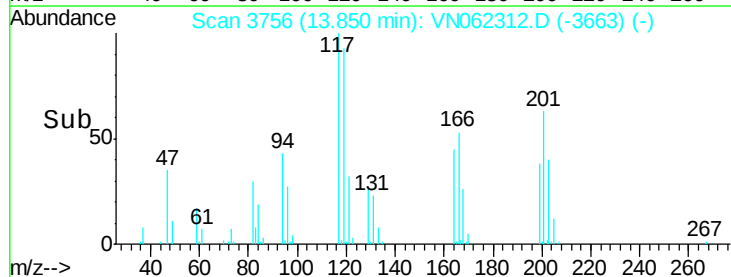
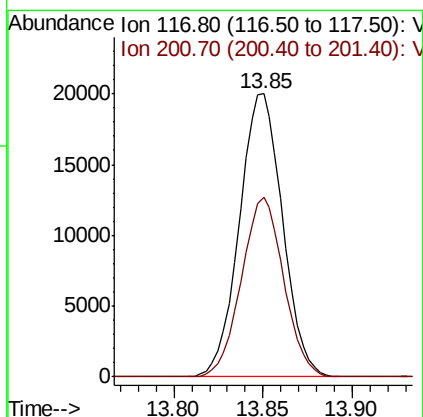
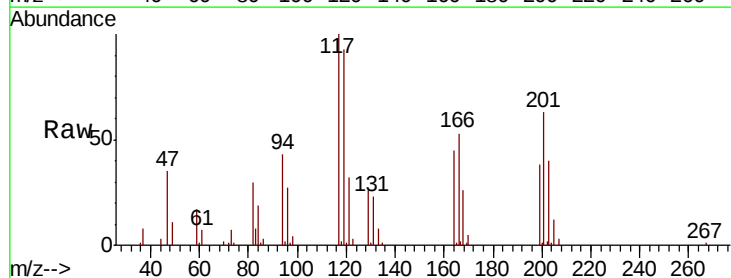
Instrument :
MSVOA_N
ClientSampled :
VN0701WBS02

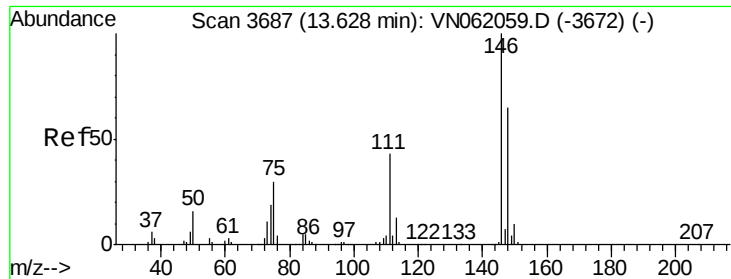
Tot Ion: 91 Resp: 137389
Ion Ratio Lower Upper
91 100
92 52.0 26.6 79.7
134 23.8 12.3 36.9



#90
Hexachloroethane
Concen: 19.290 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

Tgt Ion: 117 Resp: 33865
Ion Ratio Lower Upper
117 100
201 61.9 32.7 98.1





#91

1,2-Dichlorobenzene

Concen: 19.286 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBS02

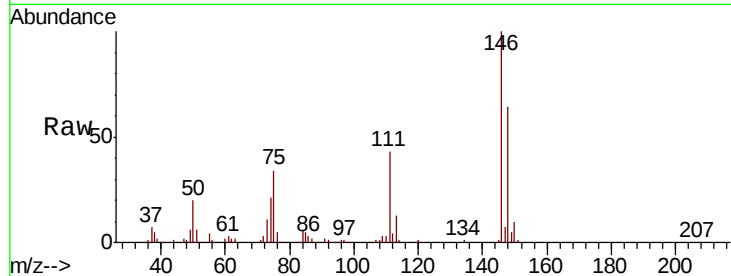
Tot Ion:146 Resp: 90835

Ion Ratio Lower Upper

146 100

111 43.4 21.2 63.6

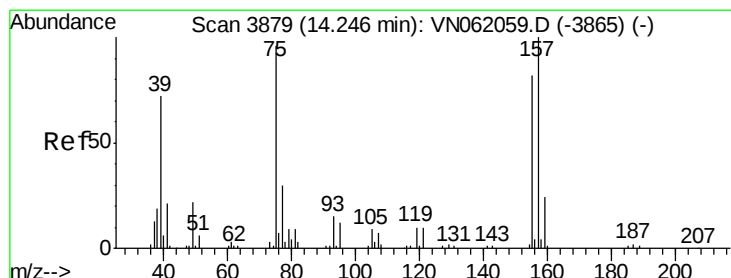
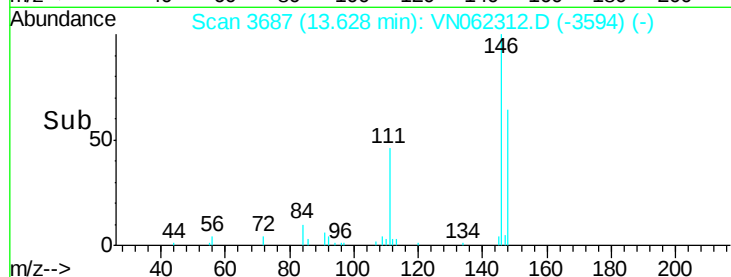
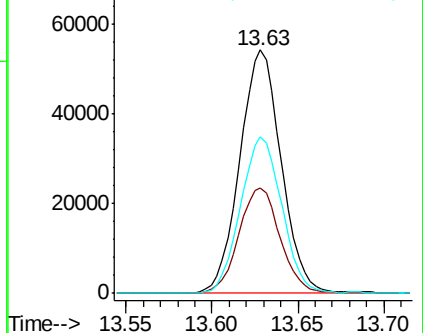
148 64.2 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.587 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN062312.D

Acq: 2 Jul 2020 1:08

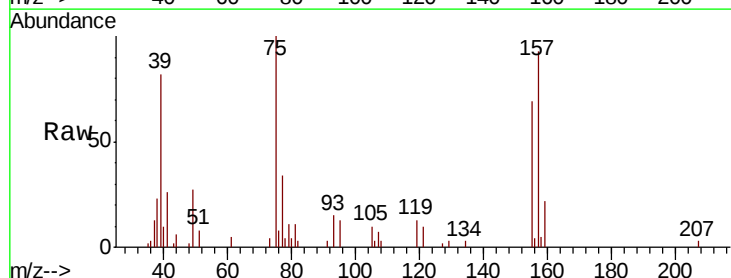
Tgt Ion: 75 Resp: 12821

Ion Ratio Lower Upper

75 100

155 72.6 40.8 122.4

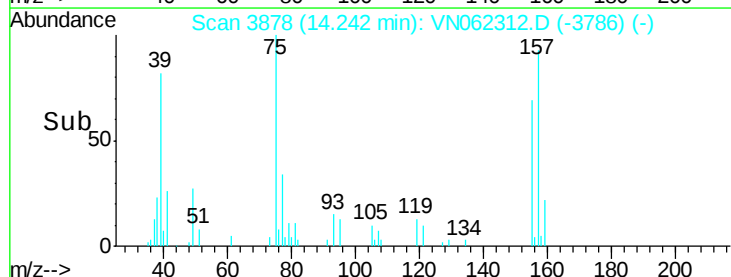
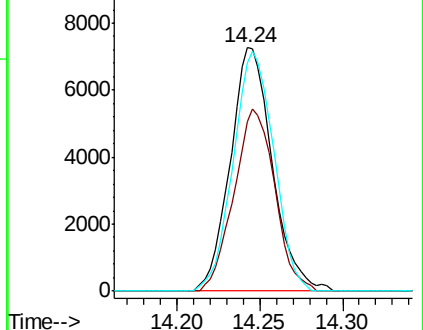
157 95.2 51.4 154.3

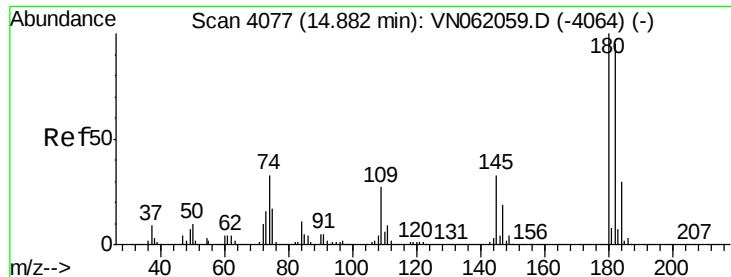


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

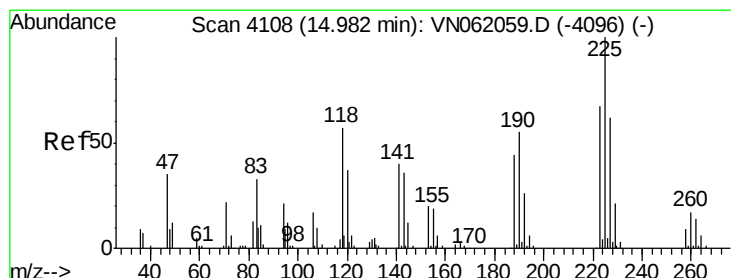
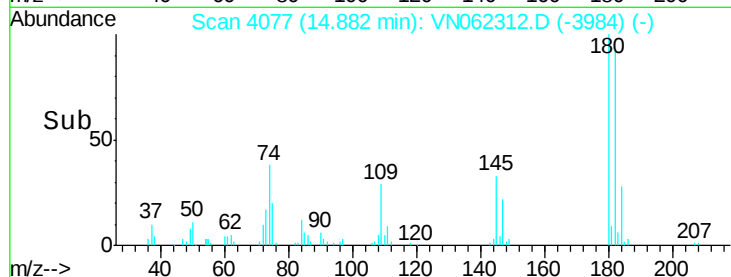
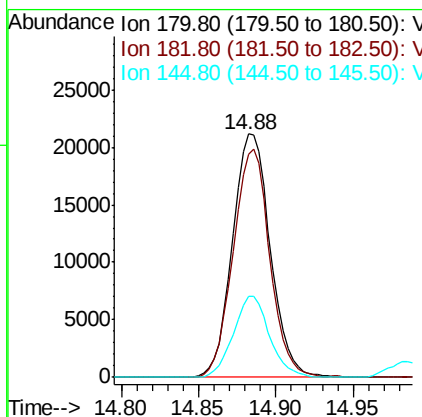
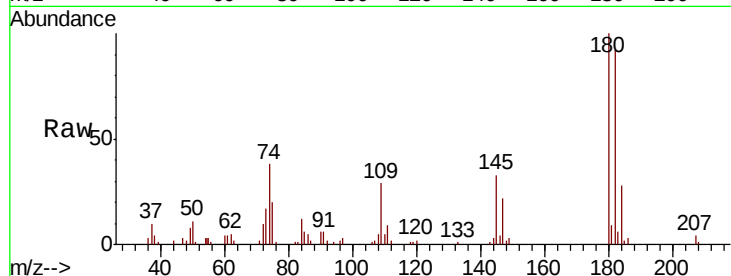




#93
 1,2,4-Trichlorobenzene
 Concen: 17.437 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062312.D
 Acq: 2 Jul 2020 1:08

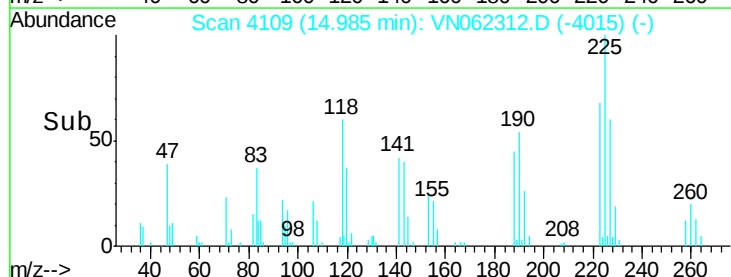
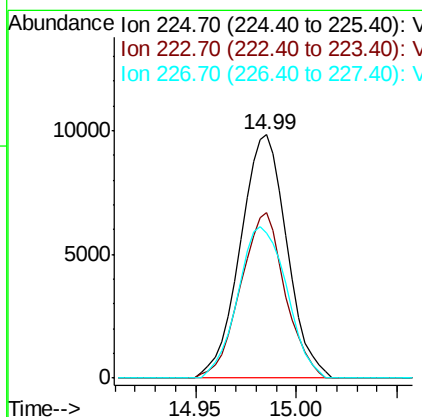
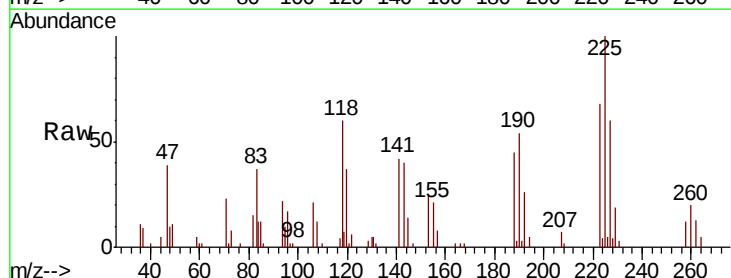
Instrument :
 MSVOA_N
 ClientSampled :
 VN0701WBS02

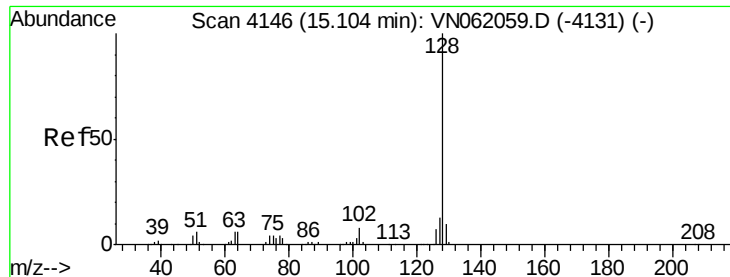
Tot Ion:180 Resp: 35877
 Ion Ratio Lower Upper
 180 100
 182 90.7 48.0 144.2
 145 31.8 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 17.820 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062312.D
 Acq: 2 Jul 2020 1:08

Tgt Ion:225 Resp: 15925
 Ion Ratio Lower Upper
 225 100
 223 65.0 32.9 98.7
 227 65.3 31.3 93.8

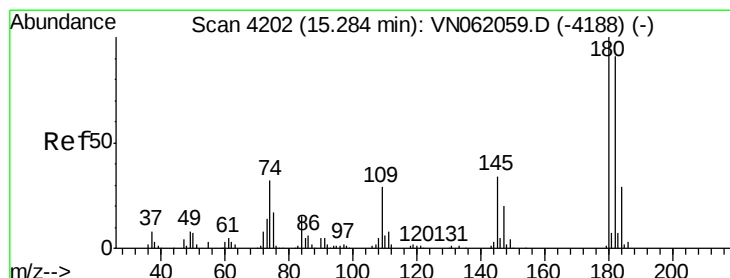
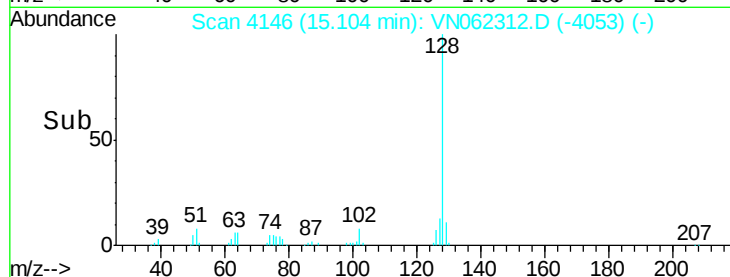
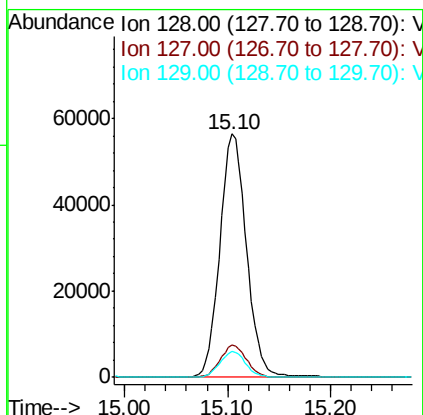
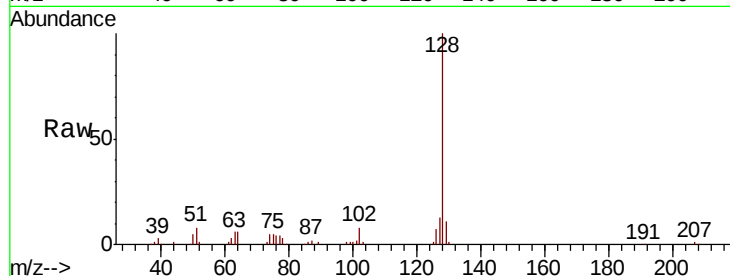




#95
Naphthalene
Concen: 17.625 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBS02

Tot Ion:128 Resp: 101623
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 17.872 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062312.D
Acq: 2 Jul 2020 1:08

Tgt Ion:180 Resp: 37599
Ion Ratio Lower Upper
180 100
182 93.9 46.8 140.4
145 33.4 16.4 49.2

