

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
 Data File : VN063264.D
 Acq On : 5 Sep 2020 3:12
 Operator : JC/MD
 Sample : VN0904WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD02

Quant Time: Sep 05 07:33:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	242185	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	510249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	480553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	203521	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	232930	58.84	ug/l	0.00
Spiked Amount			Recovery	=	117.68%	
35) Dibromofluoromethane	7.55	113	169742	51.85	ug/l	0.00
Spiked Amount			Recovery	=	103.70%	
50) Toluene-d8	10.06	98	604776	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
62) 4-Bromofluorobenzene	12.38	95	202631	45.97	ug/l	0.00
Spiked Amount			Recovery	=	91.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	32260	13.526	ug/l	95
3) Chloromethane	2.04	50	67075	19.313	ug/l	100
4) Vinyl Chloride	2.17	62	64255	16.749	ug/l	99
5) Bromomethane	2.54	94	73236	22.678	ug/l	100
6) Chloroethane	2.68	64	64936	21.288	ug/l	95
7) Trichlorofluoromethane	2.98	101	89806	14.204	ug/l	99
8) Diethyl Ether	3.37	74	40434	22.028	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	40360	15.477	ug/l	98
10) Methyl Iodide	3.92	142	68717	19.321	ug/l	95
11) Tert butyl alcohol	4.72	59	25115	51.680	ug/l #	73
12) 1,1-Dichloroethene	3.70	96	45500	17.124	ug/l	99
13) Acrolein	3.57	56	12070	76.892	ug/l	91
14) Allyl chloride	4.28	41	87572	18.557	ug/l	99
15) Acrylonitrile	4.93	53	157020	116.644	ug/l	99
16) Acetone	3.78	43	140581	124.913	ug/l	97
17) Carbon Disulfide	4.01	76	124458	15.737	ug/l	98
18) Methyl Acetate	4.28	43	75484	26.158	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	218910	22.208	ug/l	100
20) Methylene Chloride	4.51	84	71597	22.353	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	58678	19.988	ug/l	88
22) Diisopropyl ether	5.90	45	231671	21.907	ug/l	98
23) Vinyl Acetate	5.84	43	933619	110.644	ug/l	100
24) 1,1-Dichloroethane	5.80	63	120679	20.700	ug/l	99
25) 2-Butanone	6.78	43	214179	122.906	ug/l	99
26) 2,2-Dichloropropane	6.78	77	64657	12.241	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	75182	21.070	ug/l	93
28) Bromochloromethane	7.15	49	67117	22.036	ug/l	98
29) Tetrahydrofuran	7.17	42	141831	117.707	ug/l	98
30) Chloroform	7.33	83	132330	21.696	ug/l	99
31) Cyclohexane	7.61	56	77313	13.779	ug/l #	94
32) 1,1,1-Trichloroethane	7.53	97	96677	18.394	ug/l	99
36) 1,1-Dichloropropene	7.76	75	76263	15.547	ug/l	98
37) Ethyl Acetate	6.88	43	95611	20.865	ug/l #	96
38) Carbon Tetrachloride	7.73	117	75044	15.085	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	64189	11.648	ug/l	99
40) Benzene	8.00	78	274092	19.015	ug/l	99
41) Methacrylonitrile	7.16	41	138791	67.163	ug/l #	34
42) 1,2-Dichloroethane	8.08	62	113106	21.006	ug/l	100
43) Isopropyl Acetate	8.13	43	163322	20.416	ug/l	99
44) Trichloroethene	8.80	130	68020	19.454	ug/l	100
45) 1,2-Dichloropropane	9.09	63	73627	19.292	ug/l	97
46) Dibromomethane	9.18	93	54506	21.551	ug/l	99
47) Bromodichloromethane	9.37	83	105614	19.481	ug/l	99
48) Methyl methacrylate	9.17	41	75602	20.964	ug/l	96
49) 1,4-Dioxane	9.17	88	24377	437.028	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	490935	112.933	ug/l	99
52) Toluene	10.13	92	169153	18.838	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	105102	17.724	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	112190	18.023	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	74132	21.557	ug/l	96
56) Ethyl methacrylate	10.40	69	104825	20.030	ug/l	99
57) 1,3-Dichloropropane	10.68	76	126493	20.648	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	264312	97.529	ug/l	97
59) 2-Hexanone	10.72	43	347375	113.703	ug/l	100
60) Dibromochloromethane	10.87	129	74147	19.502	ug/l	99
61) 1,2-Dibromoethane	10.98	107	75279	21.058	ug/l	97
64) Tetrachloroethene	10.60	164	61197	17.734	ug/l	96
65) Chlorobenzene	11.41	112	180782	18.678	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	68137	18.961	ug/l	98
67) Ethyl Benzene	11.49	91	303003	17.160	ug/l	98
68) m/p-Xylenes	11.59	106	222198	33.977	ug/l	98
69) o-Xylene	11.92	106	110773	17.534	ug/l	96
70) Styrene	11.94	104	195353	17.993	ug/l	98
71) Bromoform	12.10	173	47233	19.368	ug/l #	94
73) Isopropylbenzene	12.23	105	271154	17.371	ug/l	100
74) N-amyl acetate	12.05	43	130634	20.204	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	98944	21.986	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	125189	31.307	ug/l #	100
77) Bromobenzene	12.50	156	71607	20.283	ug/l	96
78) n-propylbenzene	12.57	91	299513	16.581	ug/l	100
79) 2-Chlorotoluene	12.65	91	191980	17.745	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	225426	17.350	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	26093	15.771	ug/l	91
82) 4-Chlorotoluene	12.75	91	203849	18.168	ug/l	98
83) tert-Butylbenzene	12.97	119	174807	15.687	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	228986	17.484	ug/l	100
85) sec-Butylbenzene	13.15	105	222797	15.341	ug/l	100
86) p-Isopropyltoluene	13.27	119	199811	15.497	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	122963	18.960	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	124540	18.546	ug/l	98
89) n-Butylbenzene	13.59	91	162774	13.665	ug/l	99
90) Hexachloroethane	13.85	117	33607	14.080	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	130604	20.752	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18987	19.190	ug/l	98

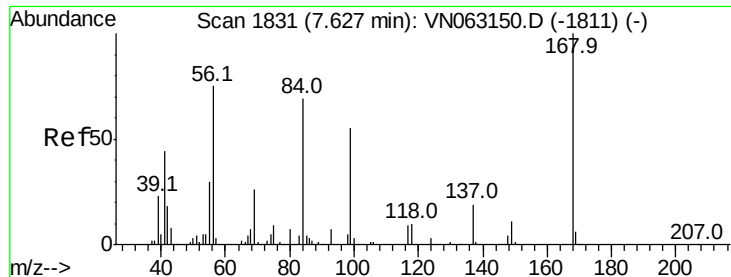
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090420\
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Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	59003	16.781	ug/l	97
94) Hexachlorobutadiene	14.98	225	18988	14.456	ug/l	96
95) Naphthalene	15.11	128	229295	19.546	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	60836	17.759	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

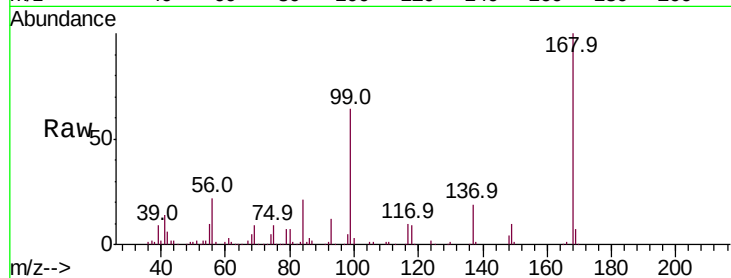
VN0904WBSD02

Tot Ion:168 Resp: 242185

Ion Ratio Lower Upper

168 100

99 63.6 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

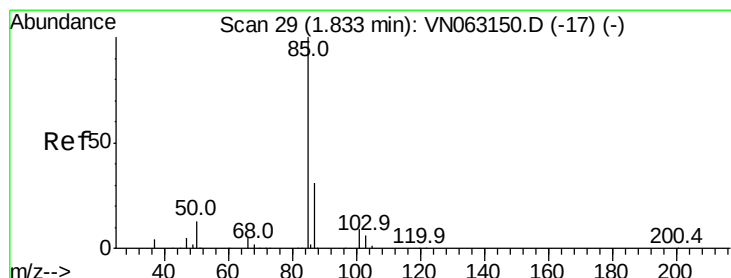
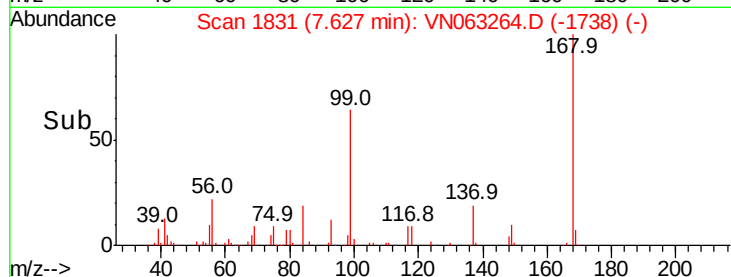
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 13.526 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063264.D

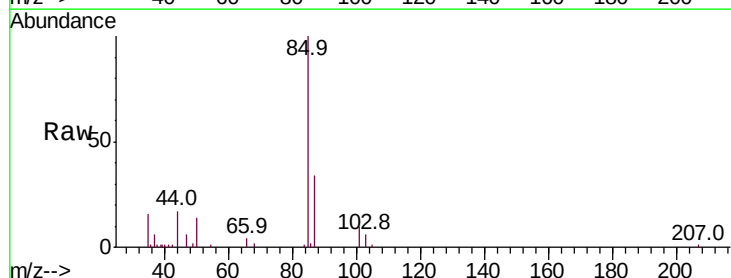
Acq: 5 Sep 2020 3:12

Tgt Ion: 85 Resp: 32260

Ion Ratio Lower Upper

85 100

87 33.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

25000

20000

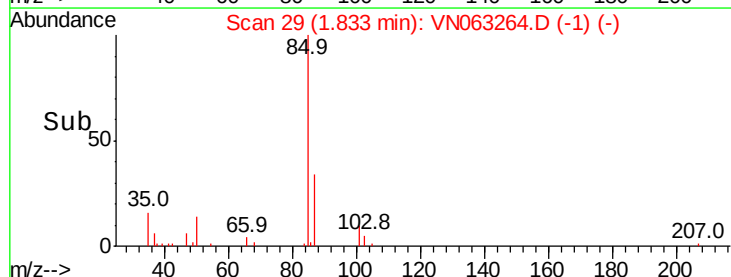
15000

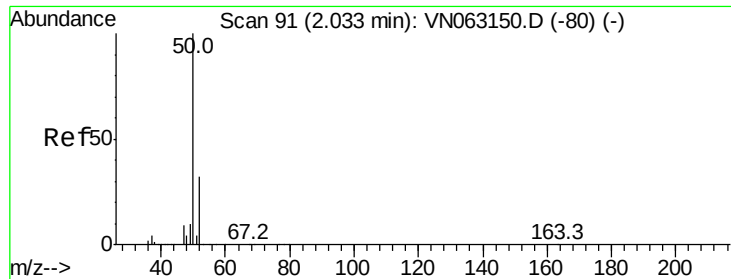
10000

5000

0

Time--> 1.80 1.85





#3

Chloromethane

Concen: 19.313 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

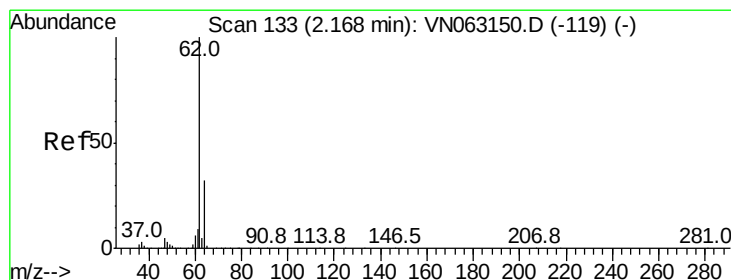
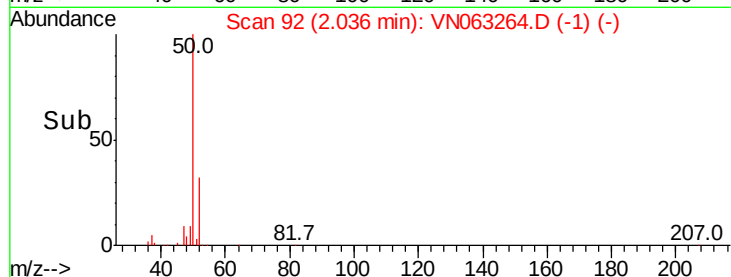
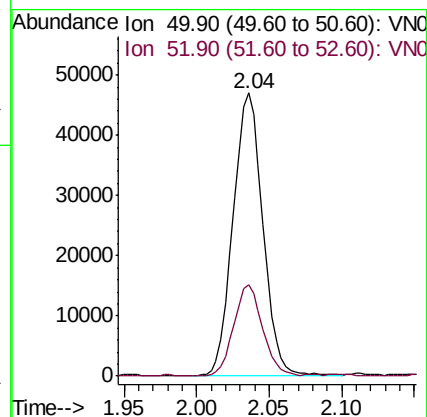
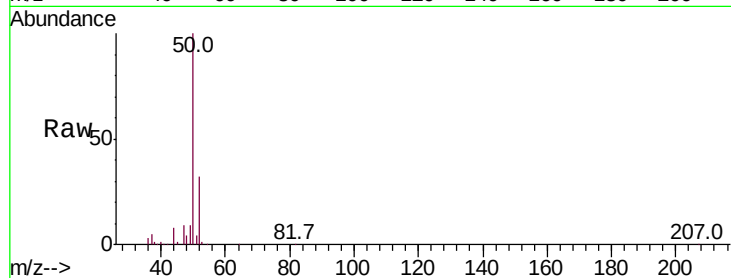
VN0904WBSD02

Tot Ion: 50 Resp: 67075

Ion Ratio Lower Upper

50 100

52 32.4 25.8 38.6



#4

Vinyl Chloride

Concen: 16.749 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063264.D

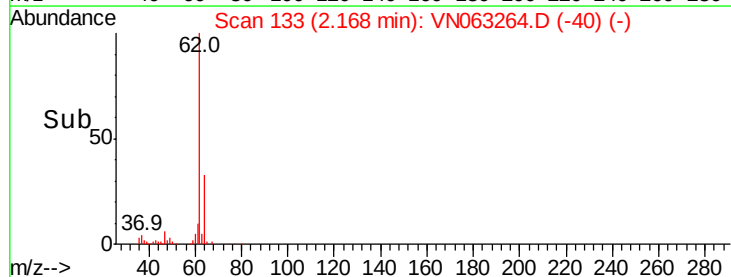
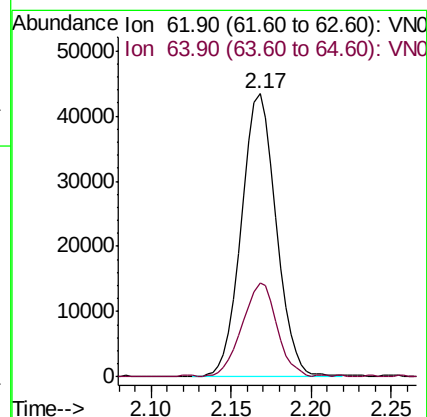
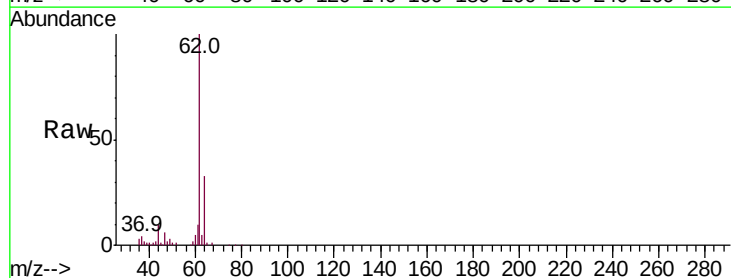
Acq: 5 Sep 2020 3:12

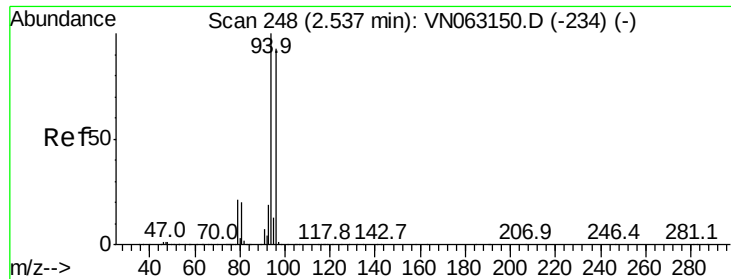
Tgt Ion: 62 Resp: 64255

Ion Ratio Lower Upper

62 100

64 32.9 25.8 38.8





#5

Bromomethane

Concen: 22.678 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

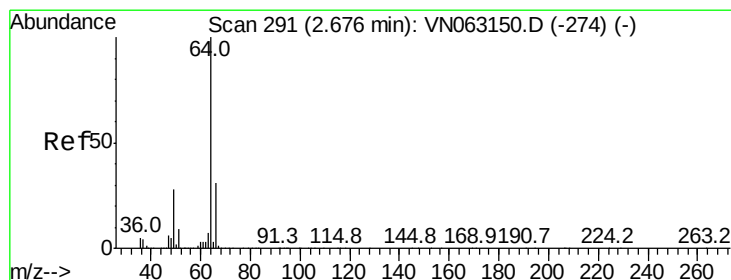
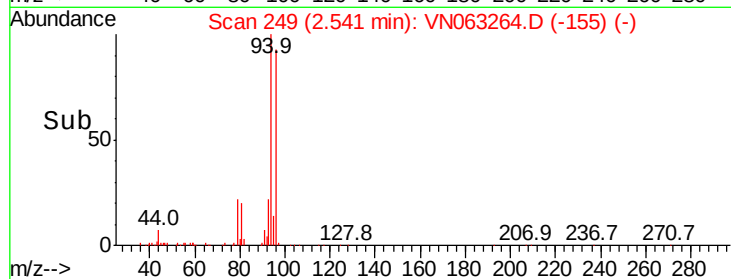
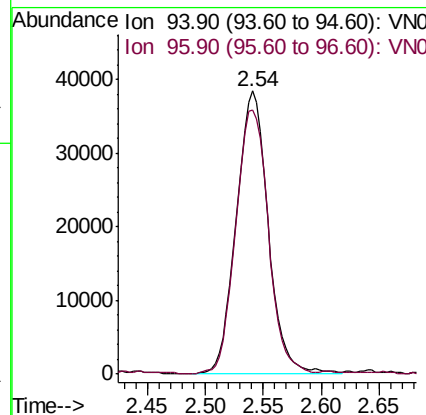
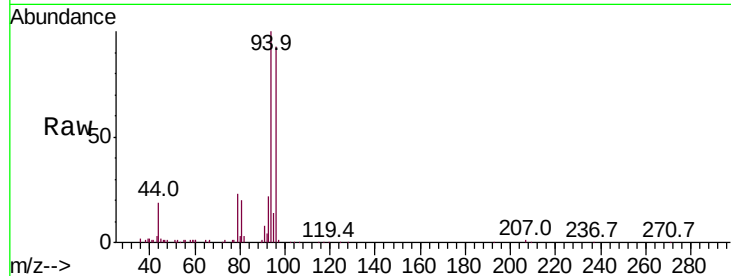
VN0904WBSD02

Tot Ion: 94 Resp: 73236

Ion Ratio Lower Upper

94 100

96 93.4 74.4 111.6



#6

Chloroethane

Concen: 21.288 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN063264.D

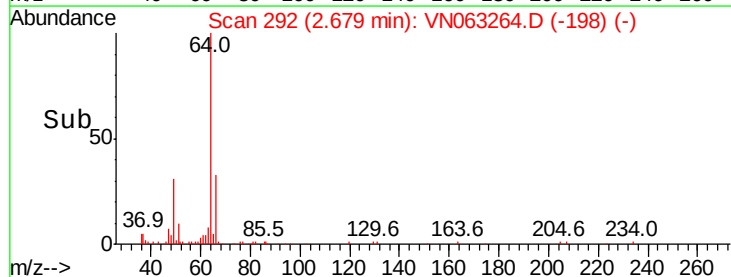
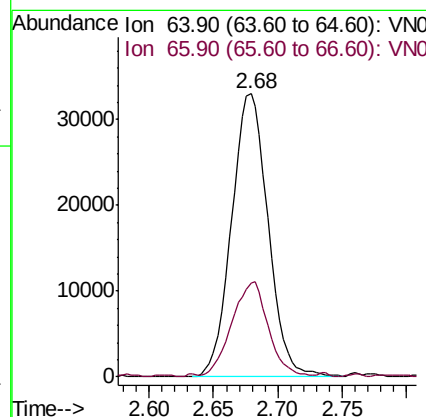
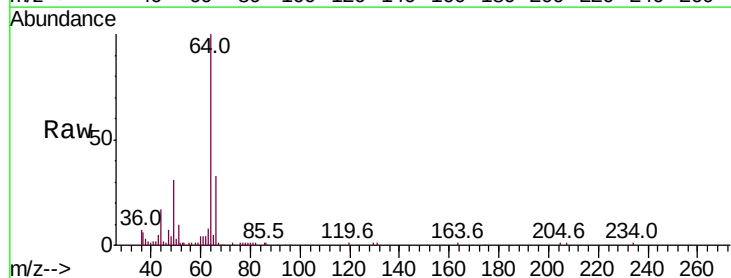
Acq: 5 Sep 2020 3:12

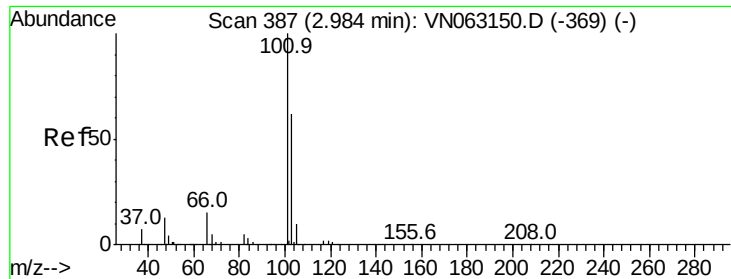
Tgt Ion: 64 Resp: 64936

Ion Ratio Lower Upper

64 100

66 33.4 24.7 37.1



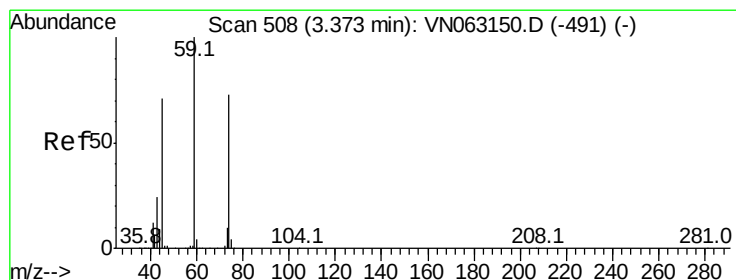
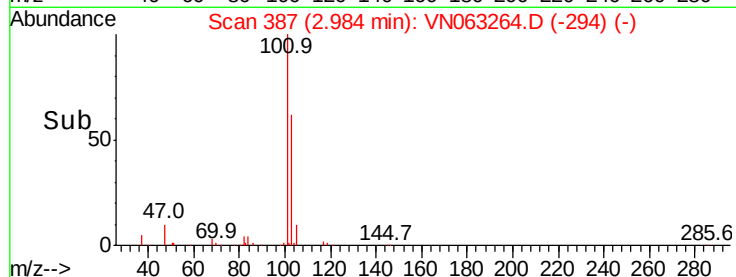
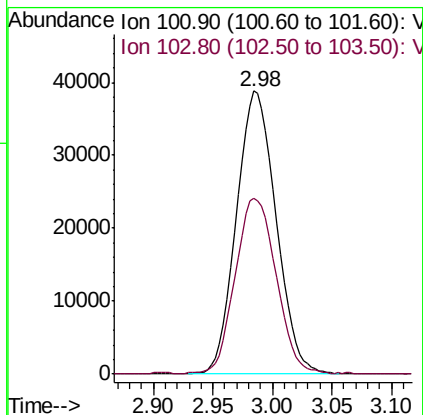
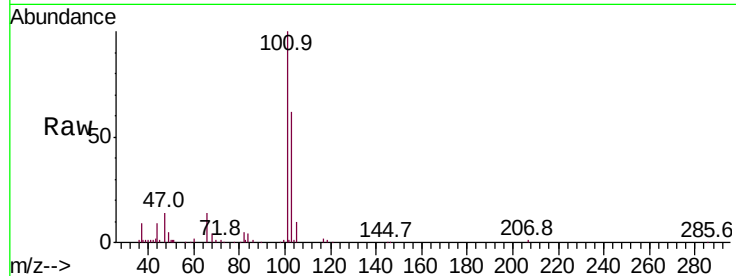


#7

Trichlorofluoromethane
 Concen: 14.204 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD02

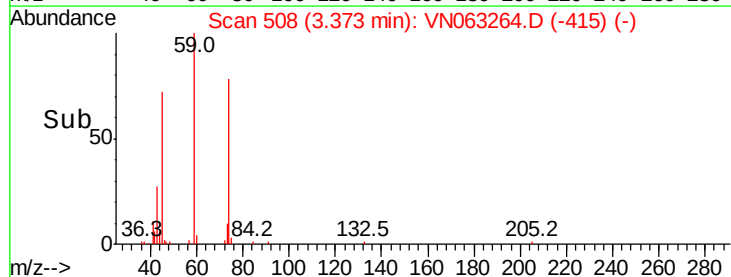
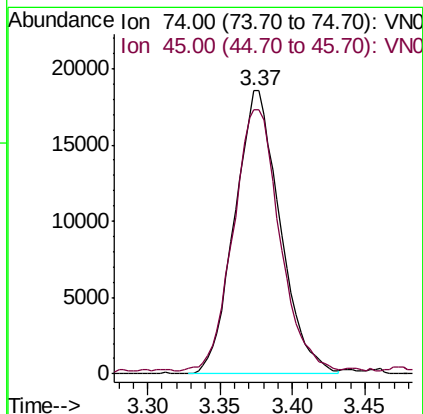
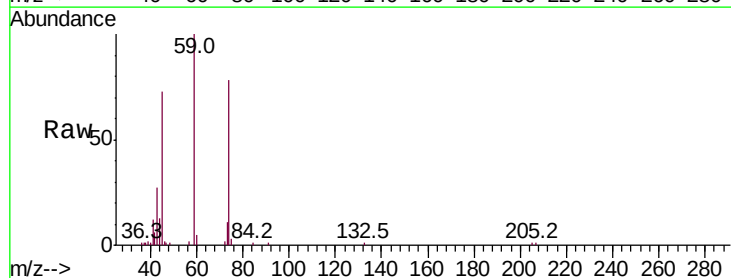
Tot Ion:101 Resp: 89806
 Ion Ratio Lower Upper
 101 100
 103 61.7 49.7 74.5

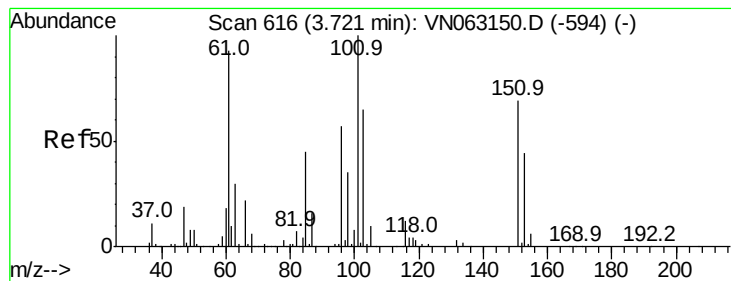


#8

Diethyl Ether
 Concen: 22.028 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Tgt Ion: 74 Resp: 40434
 Ion Ratio Lower Upper
 74 100
 45 93.6 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.477 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD02

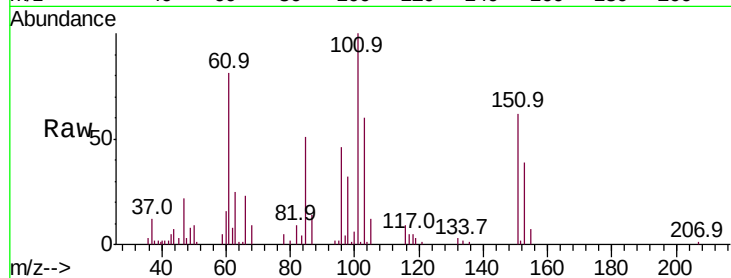
Tot Ion:101 Resp: 40360

Ion Ratio Lower Upper

101 100

85 46.0 37.8 56.8

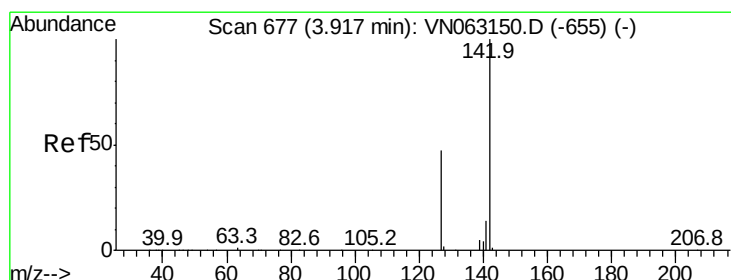
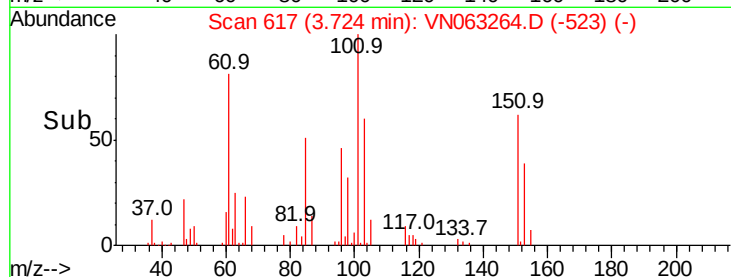
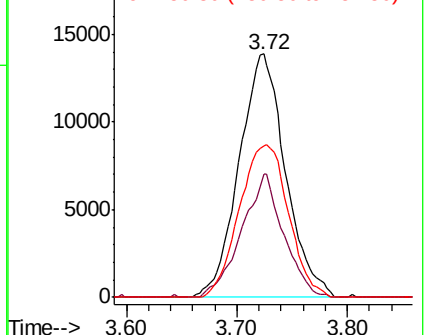
151 66.5 55.0 82.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.321 ug/l

RT: 3.92 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

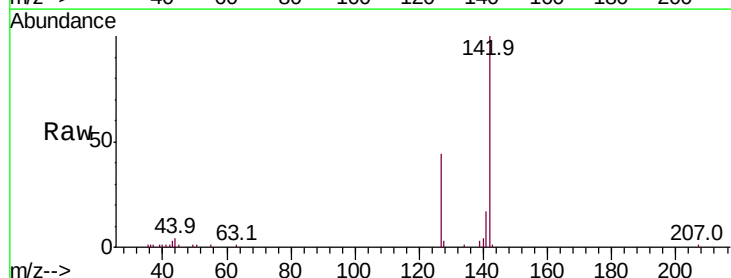
Tgt Ion:142 Resp: 68717

Ion Ratio Lower Upper

142 100

127 43.8 37.6 56.4

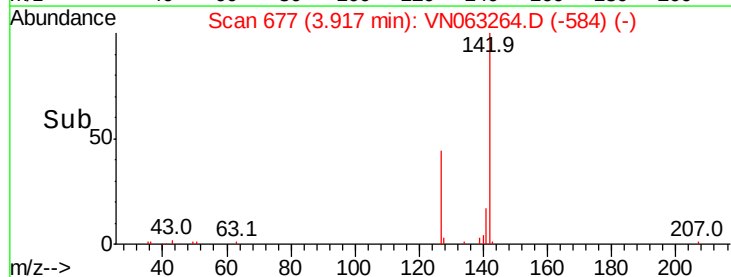
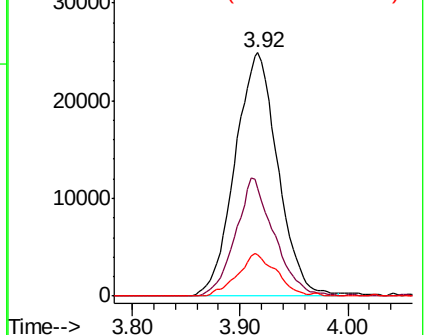
141 15.9 11.3 16.9

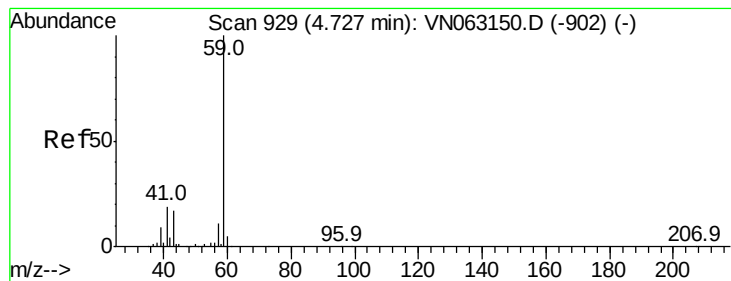


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 51.680 ug/l

RT: 4.72 min Scan# 926

Delta R.T. -0.01 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

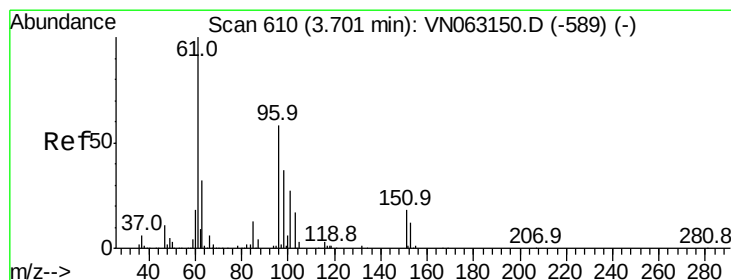
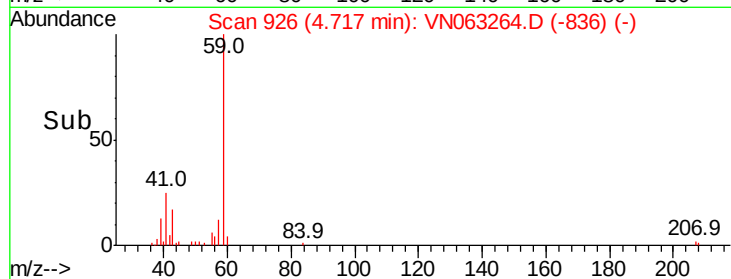
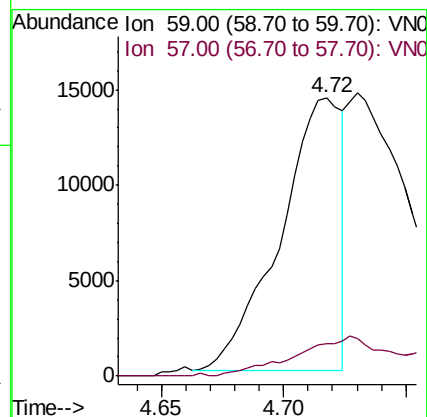
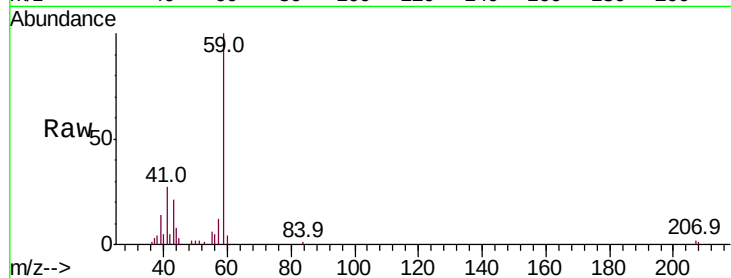
VN0904WBSD02

Tot Ion: 59 Resp: 25115

Ion Ratio Lower Upper

59 100

57 20.8 8.4 12.6#



#12

1,1-Dichloroethene

Concen: 17.124 ug/l

RT: 3.70 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

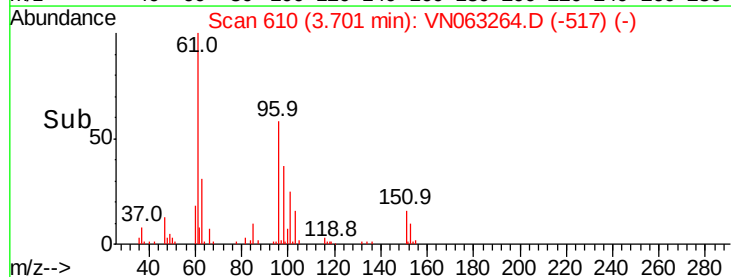
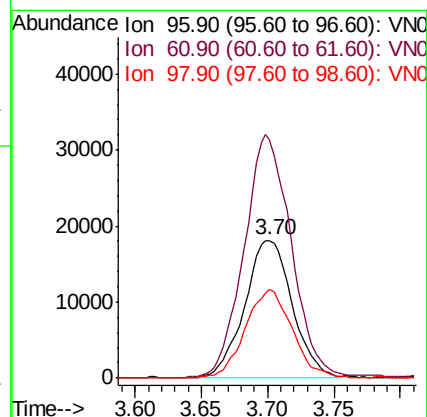
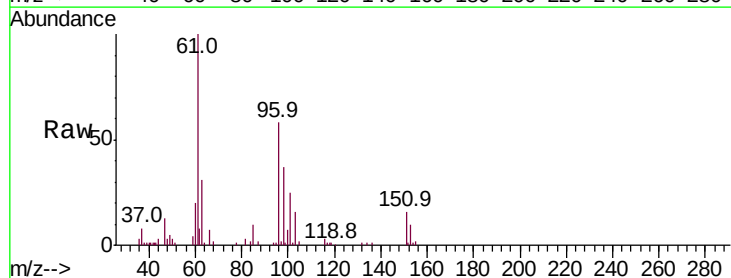
Tgt Ion: 96 Resp: 45500

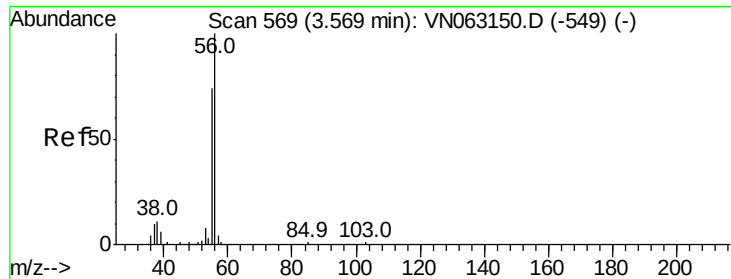
Ion Ratio Lower Upper

96 100

61 172.1 137.4 206.2

98 64.8 50.5 75.7





#13

Acrolein

Concen: 76.892 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

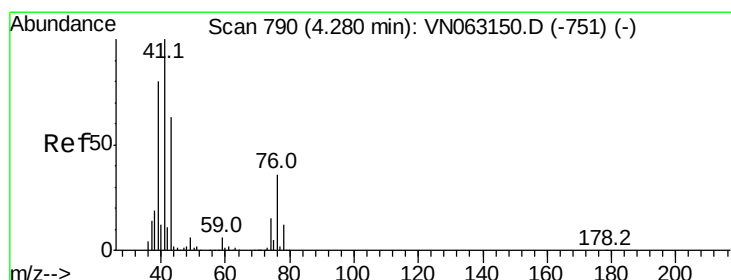
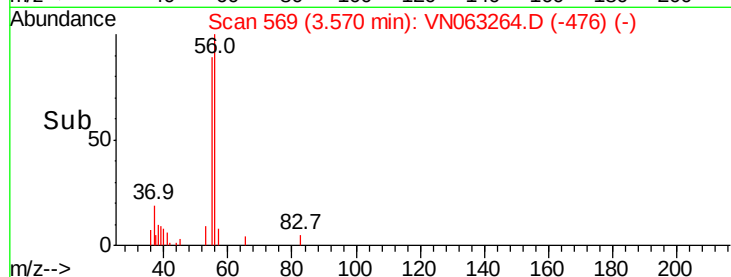
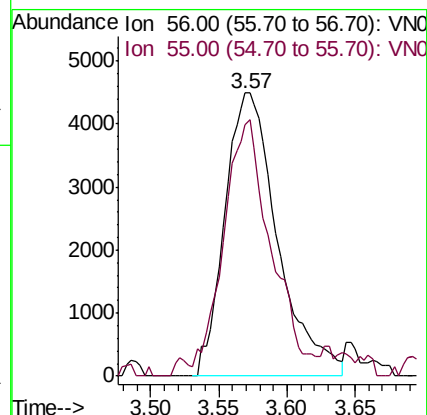
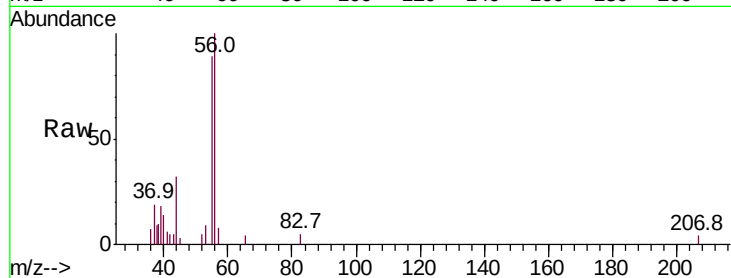
VN0904WBSD02

Tot Ion: 56 Resp: 12070

Ion Ratio Lower Upper

56 100

55 76.6 55.4 83.0



#14

Allyl chloride

Concen: 18.557 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

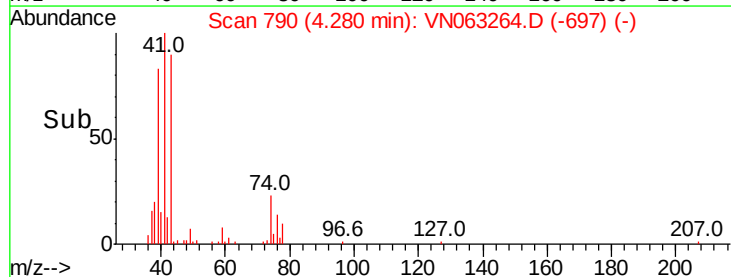
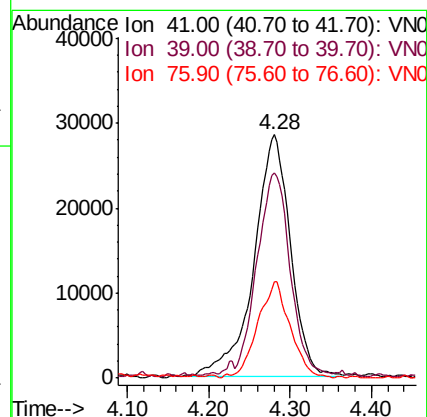
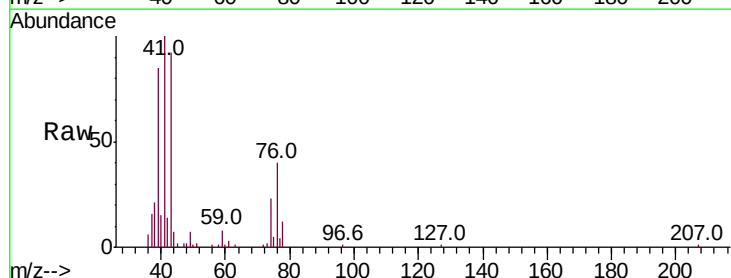
Tgt Ion: 41 Resp: 87572

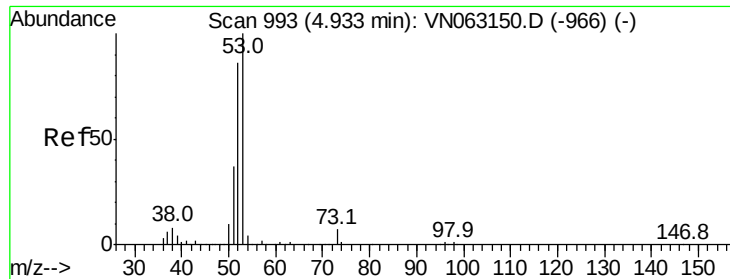
Ion Ratio Lower Upper

41 100

39 74.0 60.2 90.2

76 35.5 27.7 41.5





#15

Acrylonitrile

Concen: 116.644 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD02

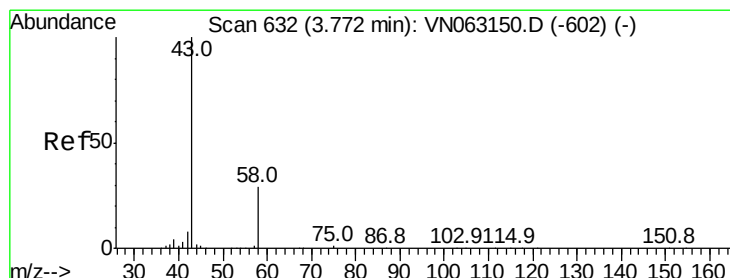
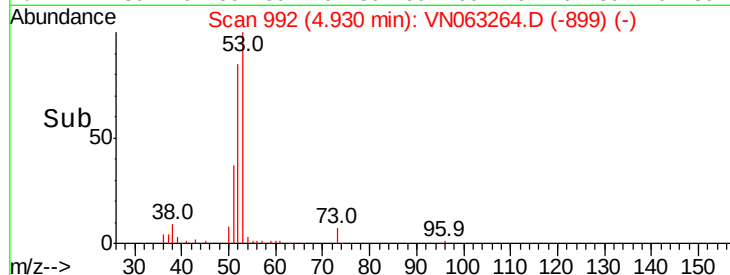
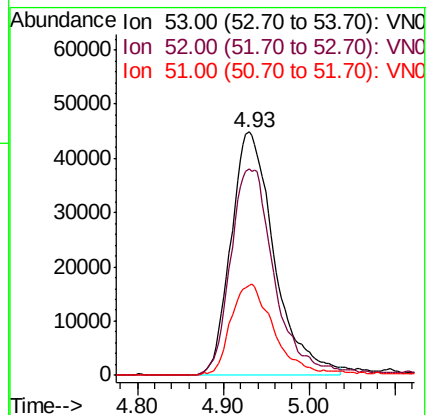
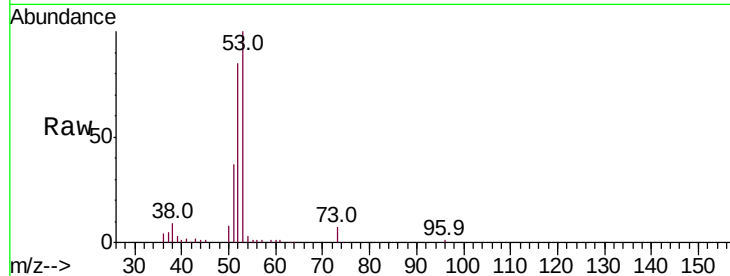
Tot Ion: 53 Resp: 157020

Ion Ratio Lower Upper

53 100

52 84.2 67.2 100.8

51 36.7 30.2 45.4



#16

Acetone

Concen: 124.913 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063264.D

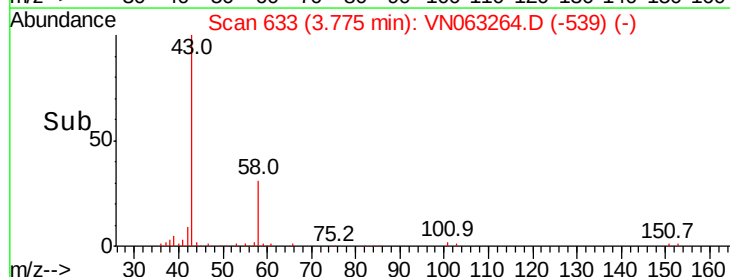
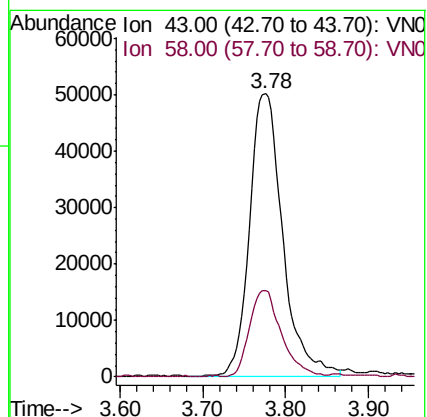
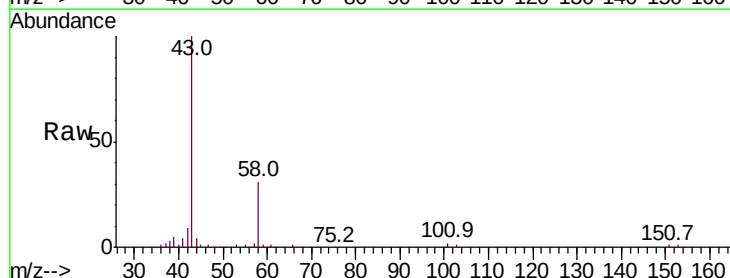
Acq: 5 Sep 2020 3:12

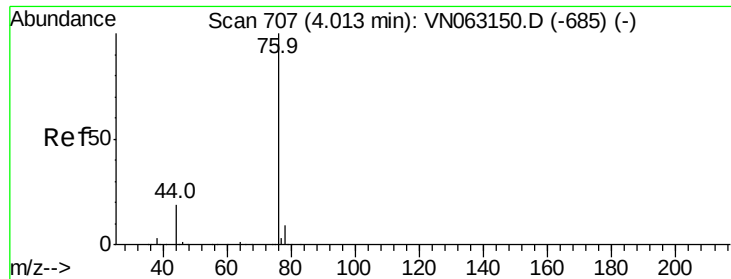
Tgt Ion: 43 Resp: 140581

Ion Ratio Lower Upper

43 100

58 30.7 23.1 34.7





#17

Carbon Disulfide

Concen: 15.737 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

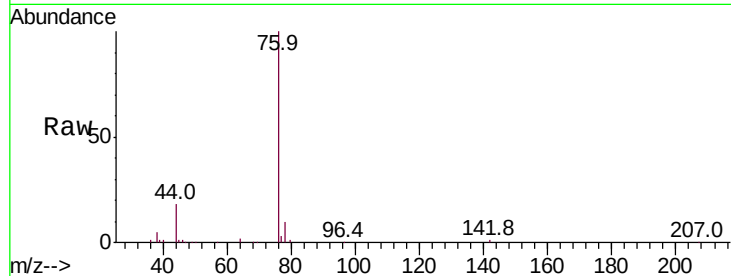
VN0904WBSD02

Tot Ion: 76 Resp: 124458

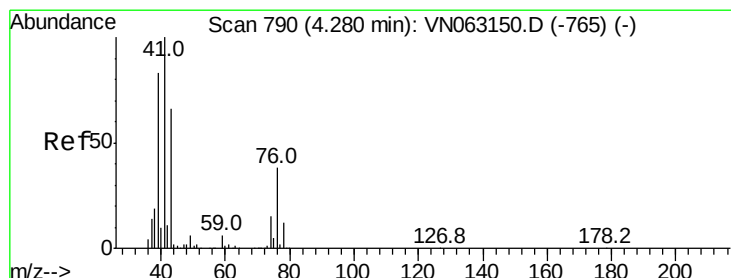
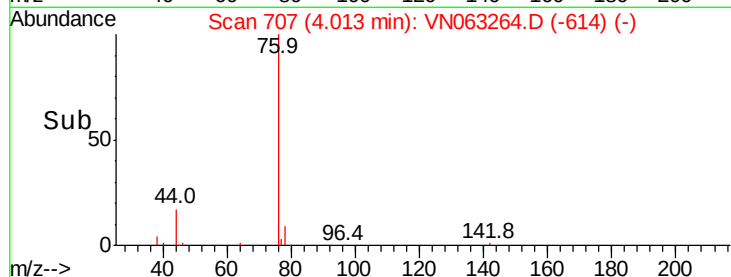
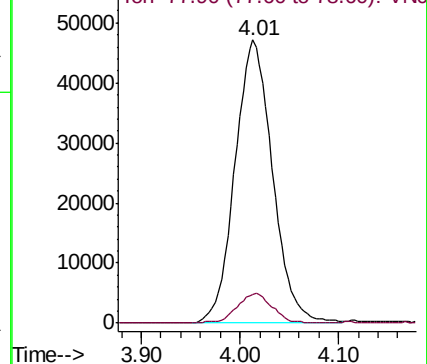
Ion Ratio Lower Upper

76 100

78 10.1 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN063150.D (-685) (-)



#18

Methyl Acetate

Concen: 26.158 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063264.D

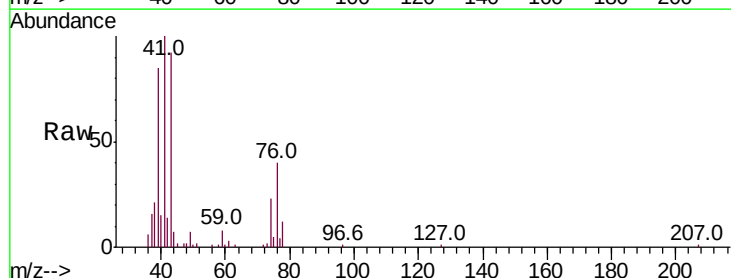
Acq: 5 Sep 2020 3:12

Tgt Ion: 43 Resp: 75484

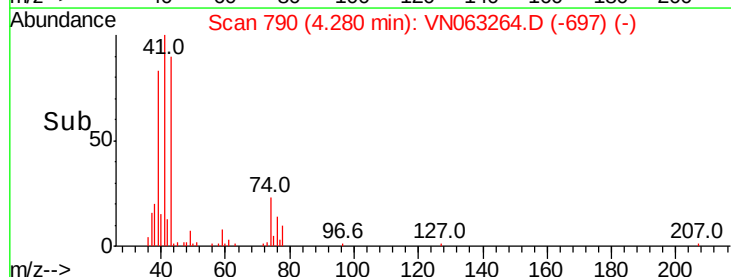
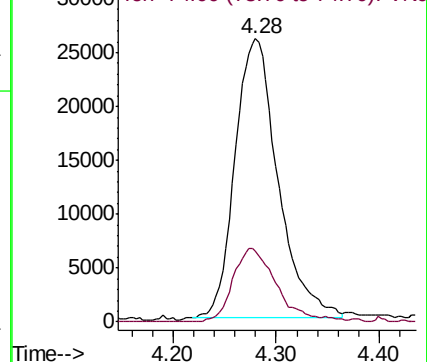
Ion Ratio Lower Upper

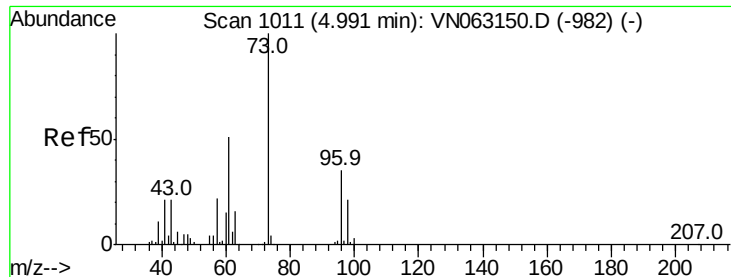
43 100

74 25.9 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-765) (-)





#19

Methvl tert-butvl Ether

Concen: 22.208 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

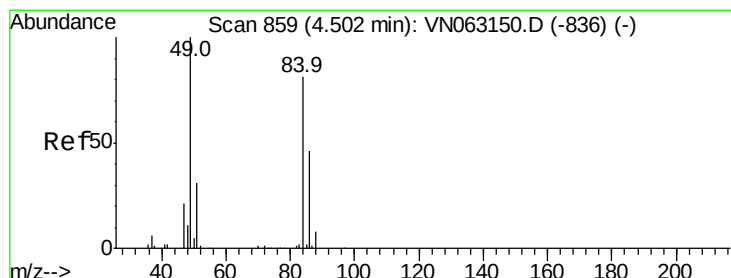
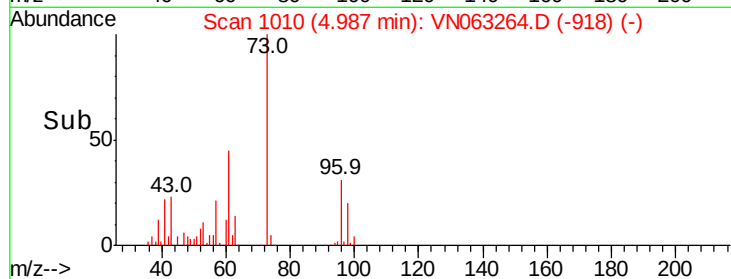
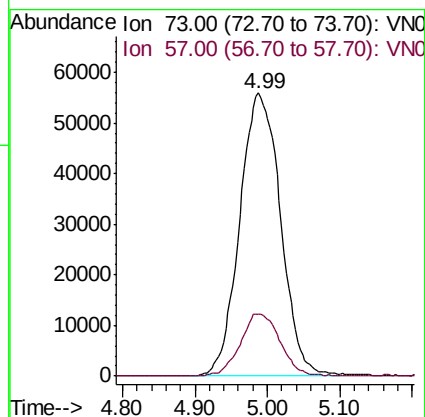
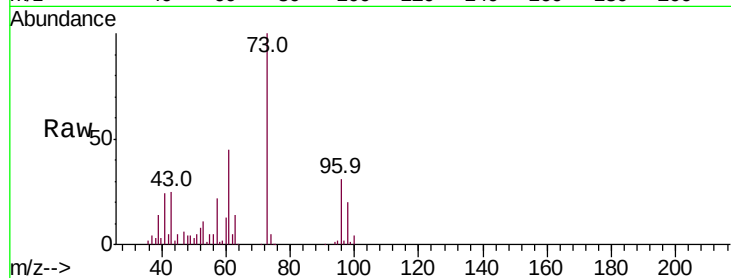
VN0904WBSD02

Tot Ion: 73 Resp: 218910

Ion Ratio Lower Upper

73 100

57 21.9 17.6 26.4



#20

Methylene Chloride

Concen: 22.353 ug/l

RT: 4.51 min Scan# 860

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Tgt Ion: 84 Resp: 71597

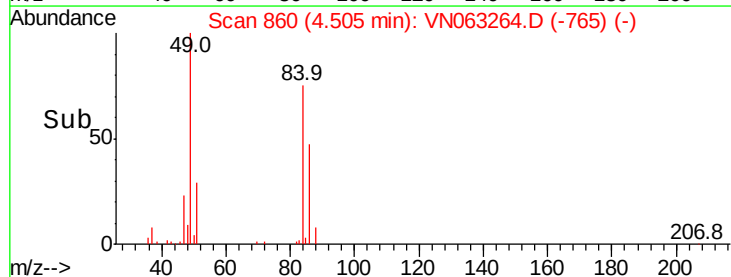
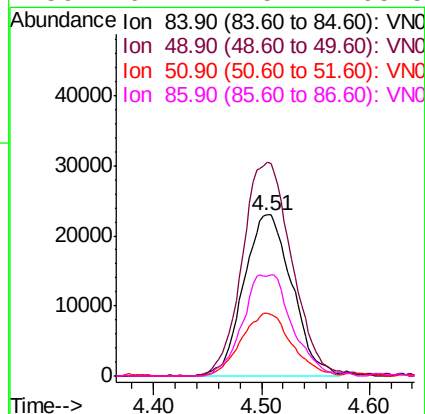
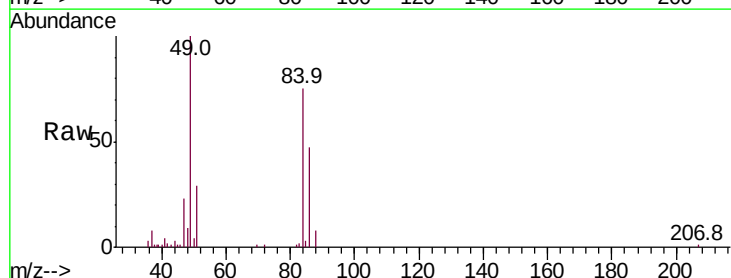
Ion Ratio Lower Upper

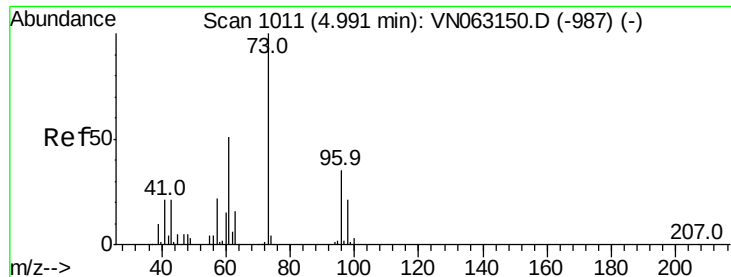
84 100

49 132.5 98.4 147.6

51 38.6 30.4 45.6

86 61.7 45.7 68.5





#21

trans-1,2-Dichloroethene

Concen: 19.988 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD02

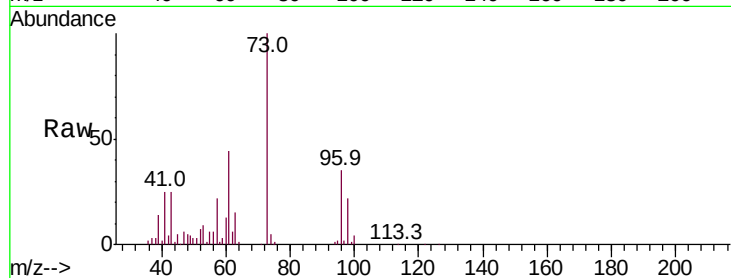
Tot Ion: 96 Resp: 58678

Ion Ratio Lower Upper

96 100

61 125.4 116.2 174.4

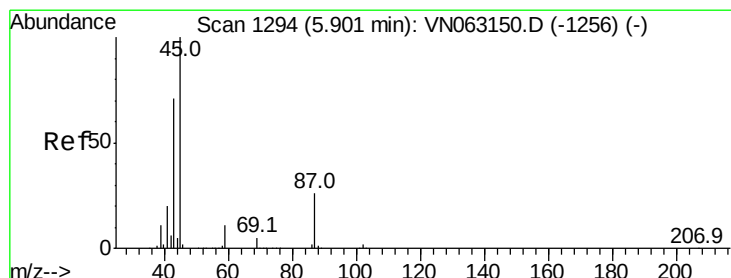
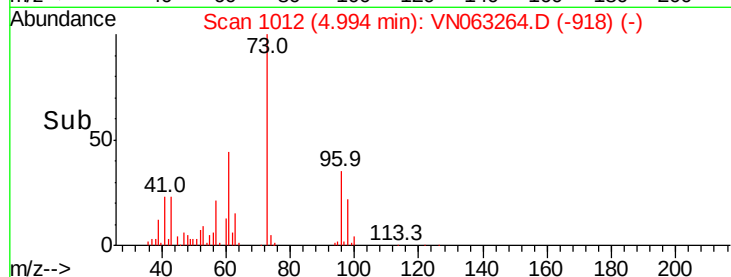
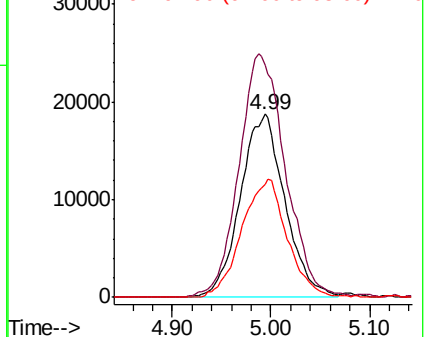
98 61.8 48.0 72.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 21.907 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Tgt Ion: 45 Resp: 231671

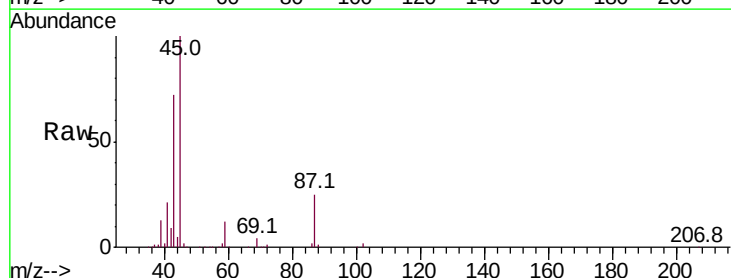
Ion Ratio Lower Upper

45 100

43 69.7 56.8 85.2

87 25.0 21.1 31.7

59 11.2 8.9 13.3

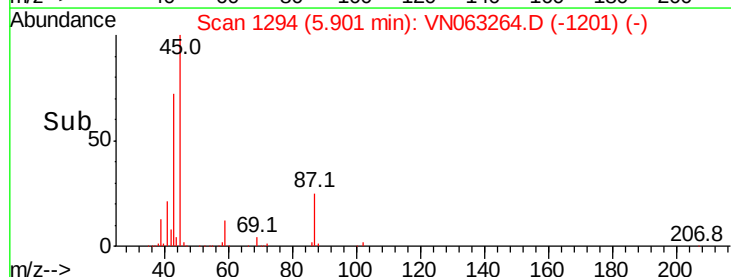
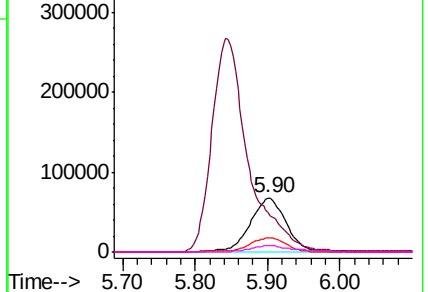


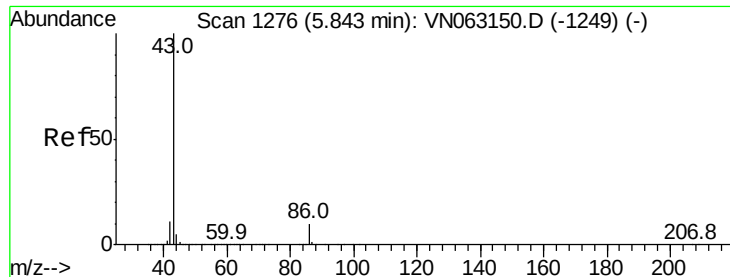
Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 110.644 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

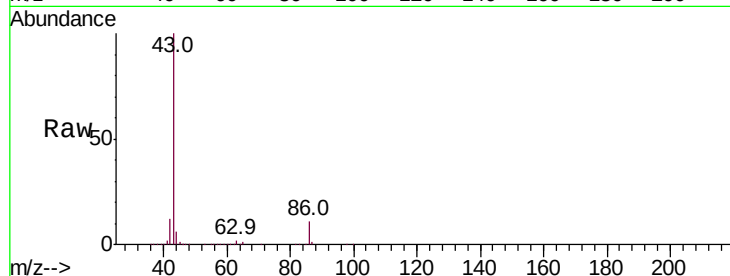
VN0904WBSD02

Tot Ion: 43 Resp: 933619

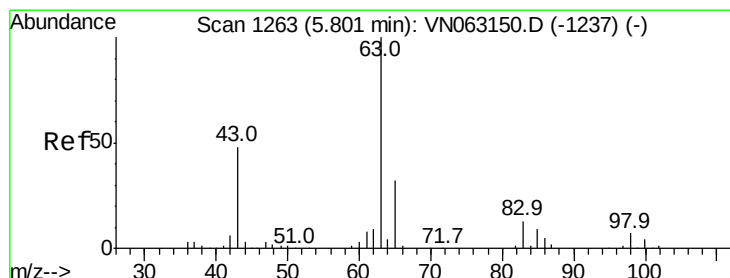
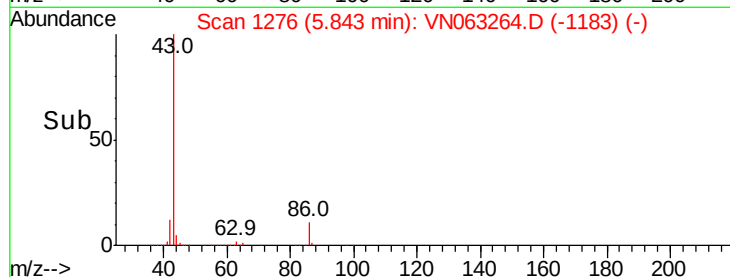
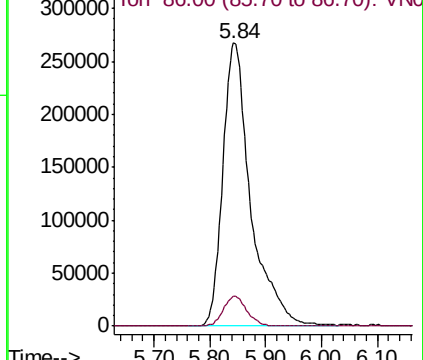
Ion Ratio Lower Upper

43 100

86 10.5 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-1249) (-)



#24

1,1-Dichloroethane

Concen: 20.700 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

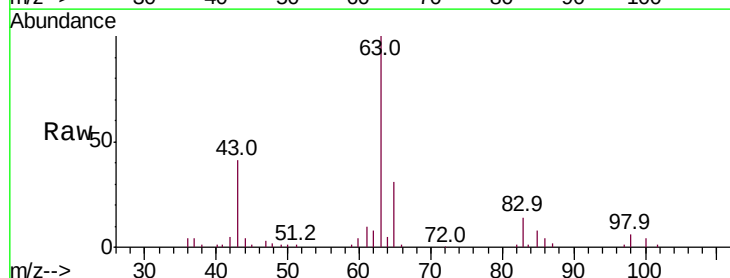
Tgt Ion: 63 Resp: 120679

Ion Ratio Lower Upper

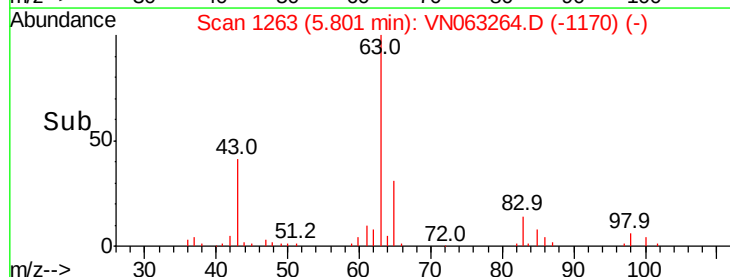
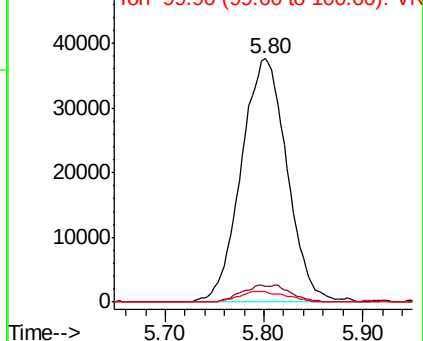
63 100

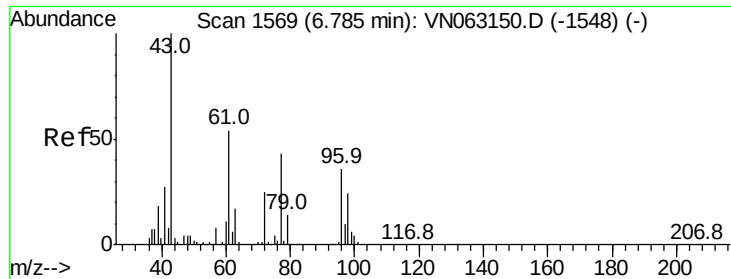
98 6.3 3.4 10.1

100 4.1 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN063150.D (-1237) (-)





#25

2-Butanone

Concen: 122.906 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

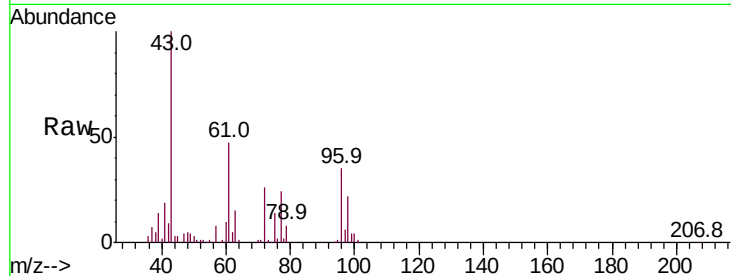
VN0904WBSD02

Tot Ion: 43 Resp: 214179

Ion Ratio Lower Upper

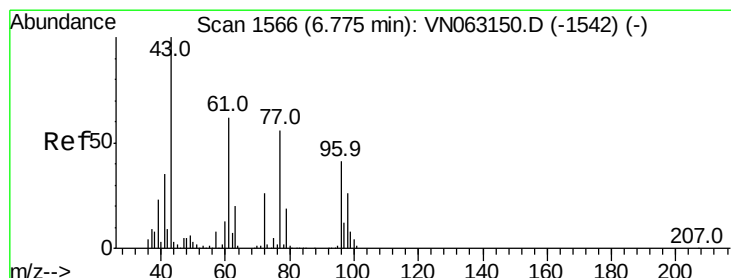
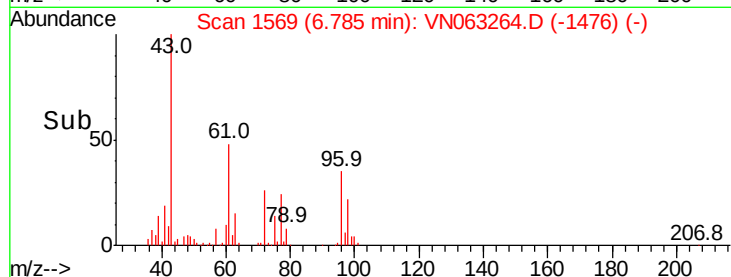
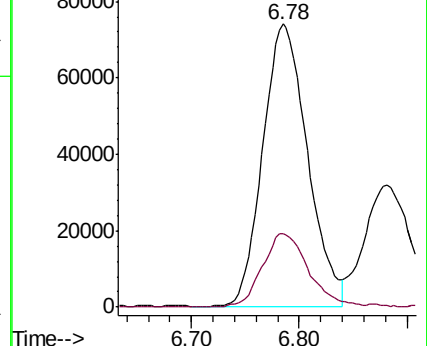
43 100

72 26.0 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 12.241 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN063264.D

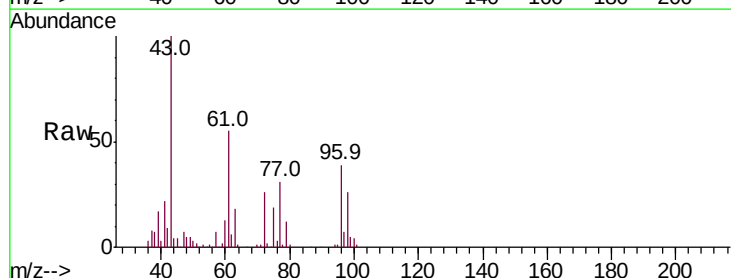
Acq: 5 Sep 2020 3:12

Tgt Ion: 77 Resp: 64657

Ion Ratio Lower Upper

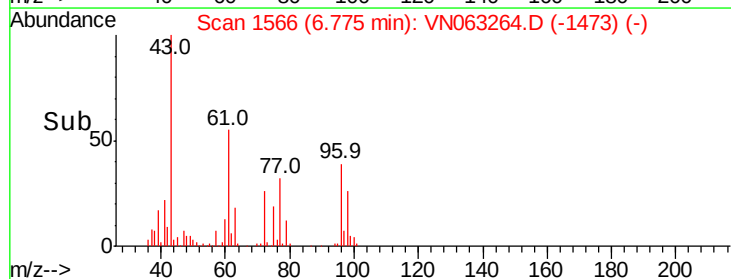
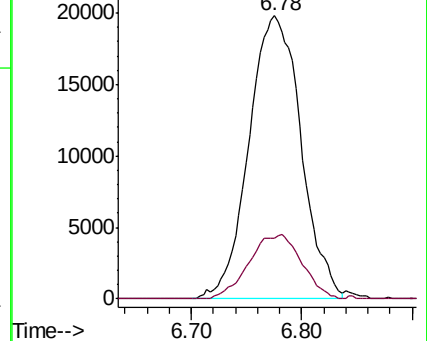
77 100

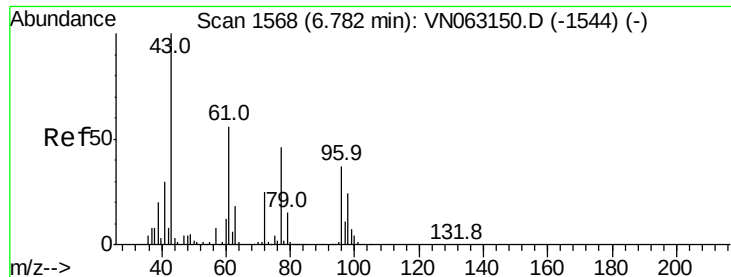
97 22.9 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 21.070 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD02

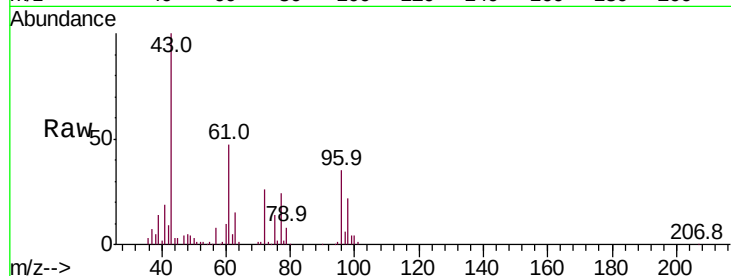
Tot Ion: 96 Resp: 75182

Ion Ratio Lower Upper

96 100

61 140.2 0.0 303.2

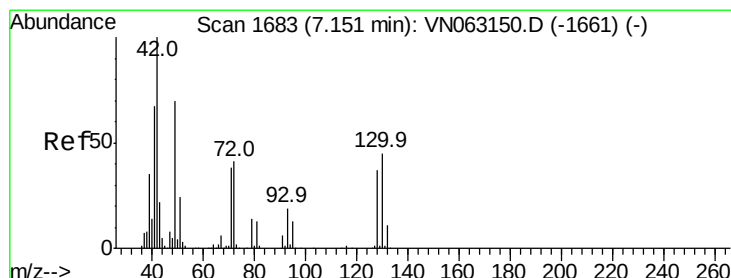
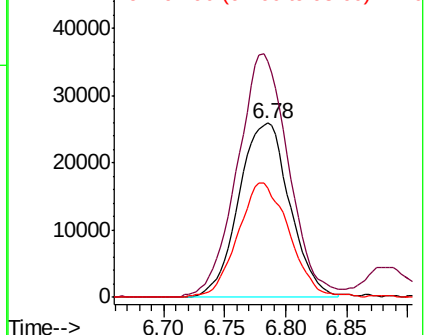
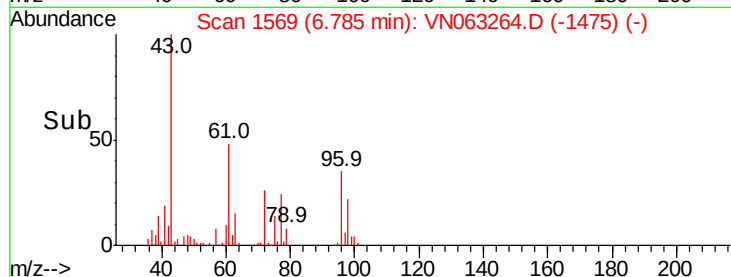
98 66.0 0.0 129.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 22.036 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

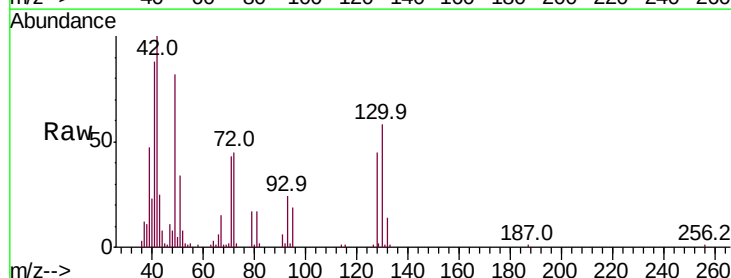
Tgt Ion: 49 Resp: 67117

Ion Ratio Lower Upper

49 100

129 1.5 0.0 4.0

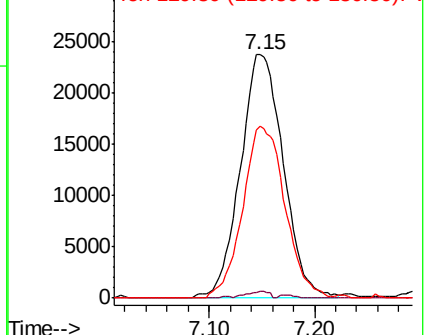
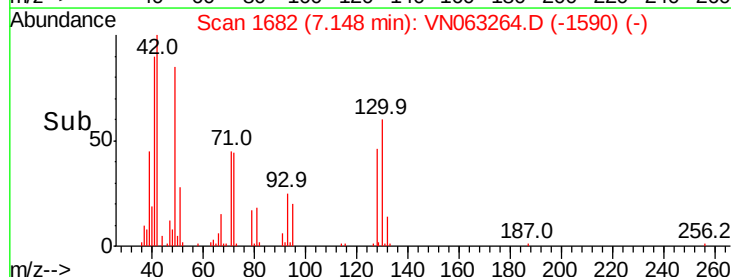
130 69.5 54.4 81.6

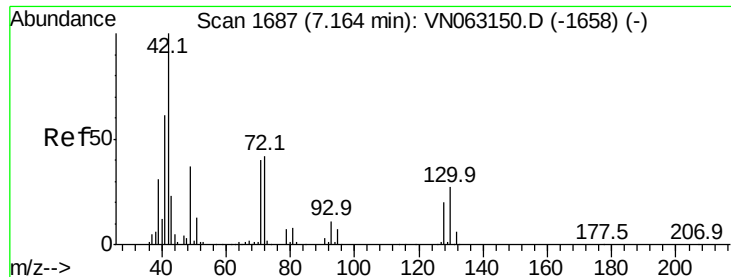


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 117.707 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD02

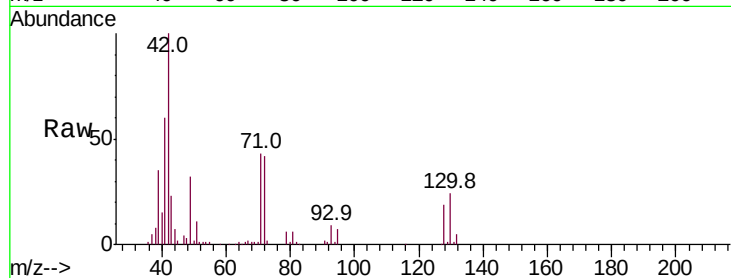
Tot Ion: 42 Resp: 141831

Ion Ratio Lower Upper

42 100

72 43.6 33.9 50.9

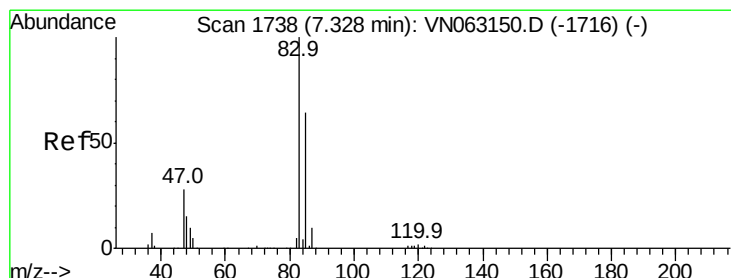
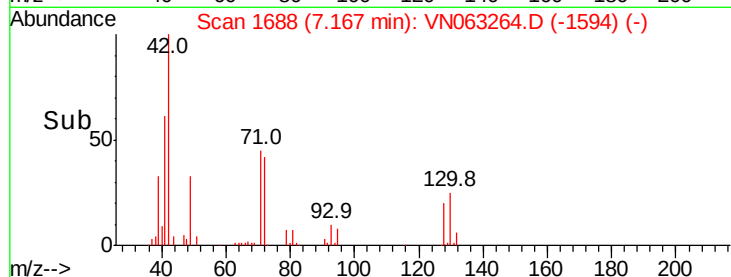
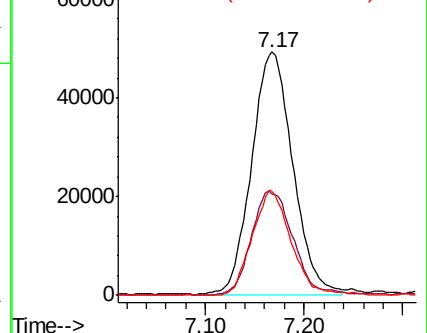
71 40.7 31.9 47.9



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: 21.696 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN063264.D

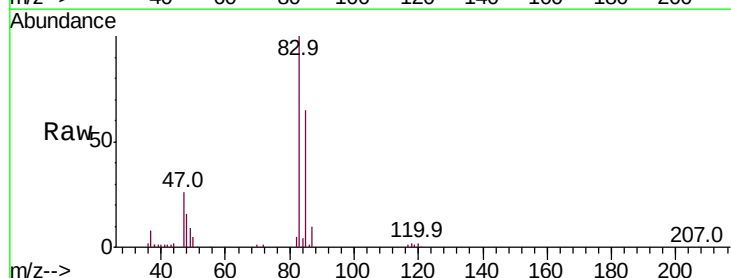
Acq: 5 Sep 2020 3:12

Tgt Ion: 83 Resp: 132330

Ion Ratio Lower Upper

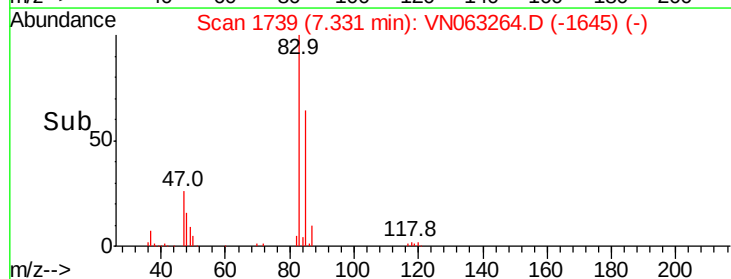
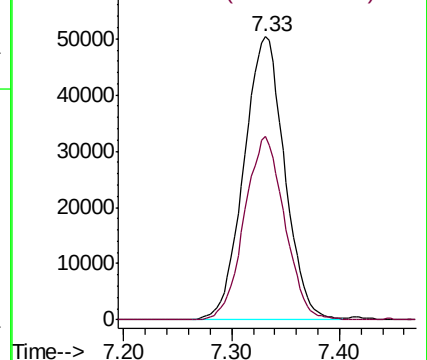
83 100

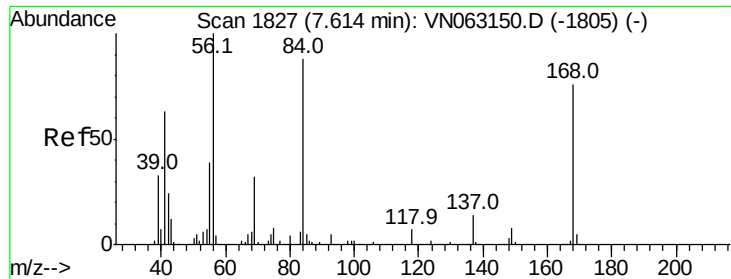
85 64.7 51.0 76.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

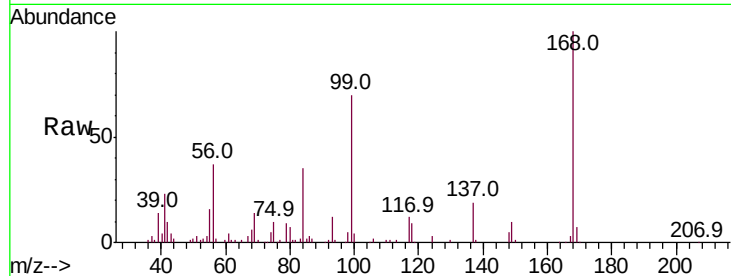




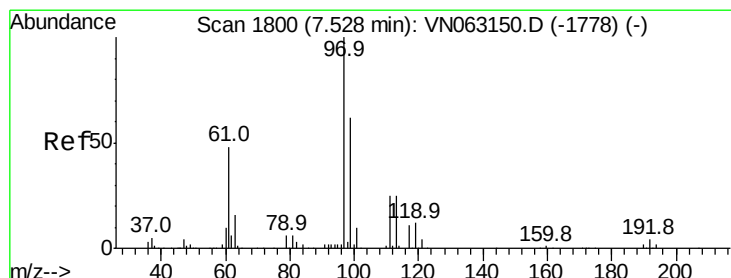
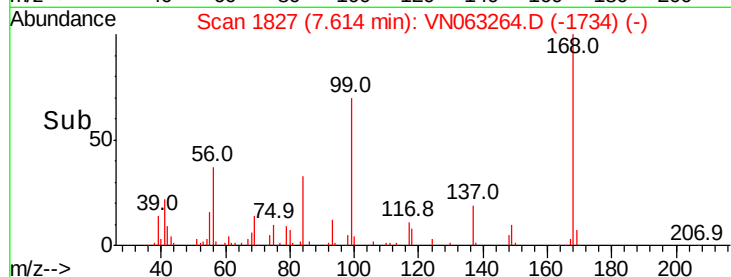
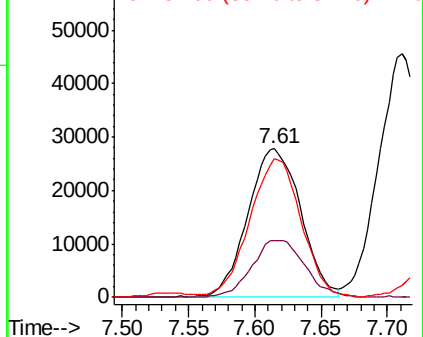
#31
Cyclohexane
Concen: 13.779 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD02

Tot Ion: 56 Resp: 77313
Ion Ratio Lower Upper
56 100
69 38.5 25.4 38.0#
84 91.9 70.2 105.4

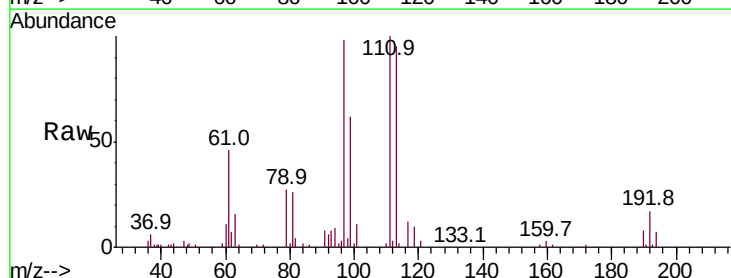


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

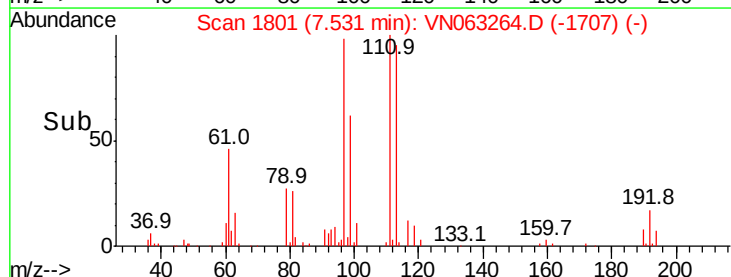
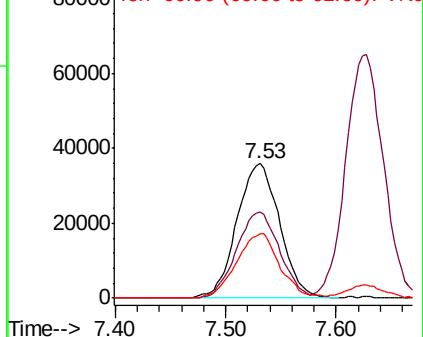


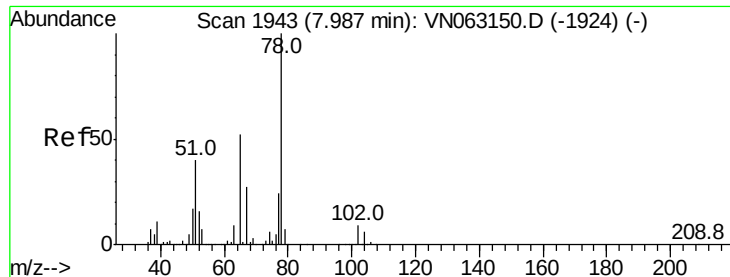
#32
1,1,1-Trichloroethane
Concen: 18.394 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Tgt Ion: 97 Resp: 96677
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 48.2 37.4 56.2



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

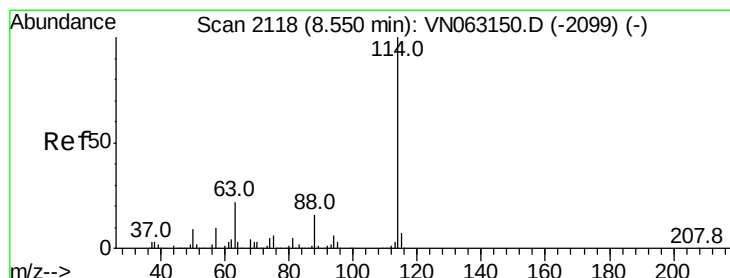
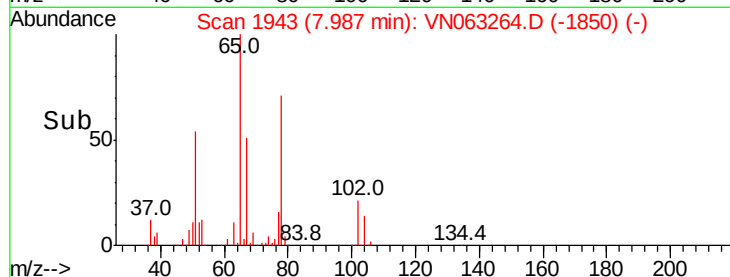
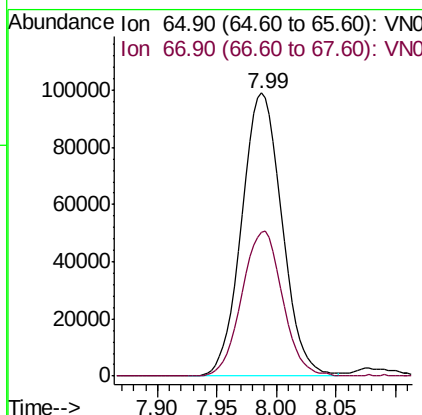
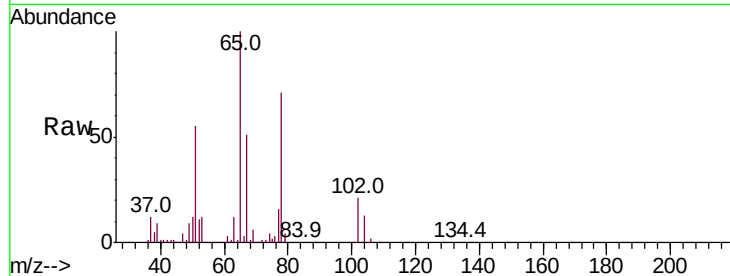




#33
 1,2-Dichloroethane-d4
 Concen: 58.835 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

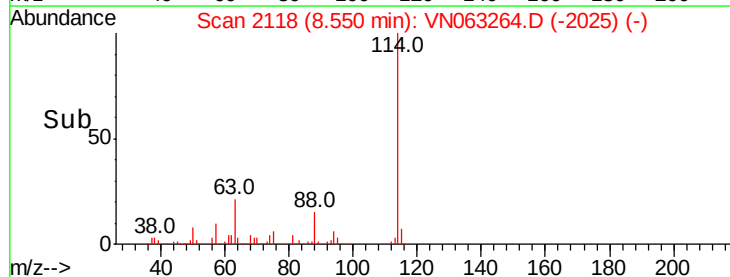
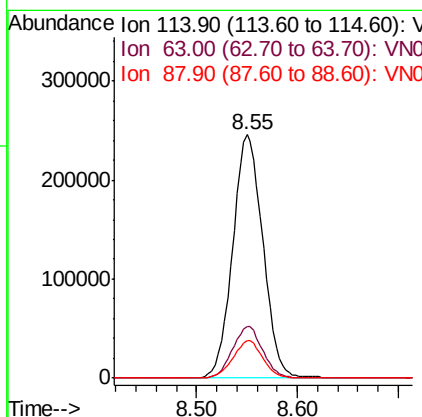
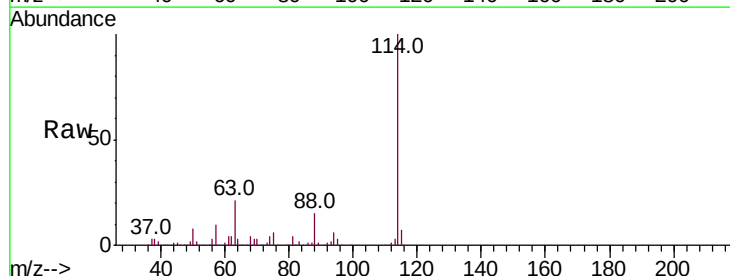
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD02

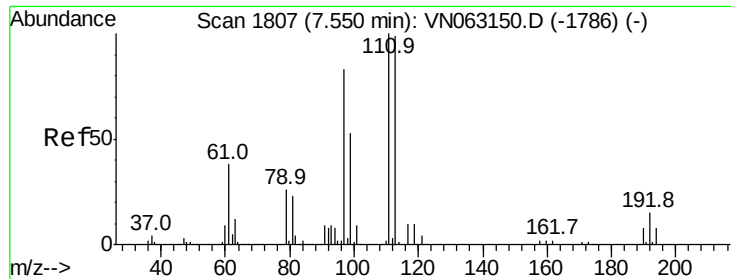
Tot Ion: 65 Resp: 232930
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Tgt Ion: 114 Resp: 510249
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.0
 88 15.2 0.0 31.6

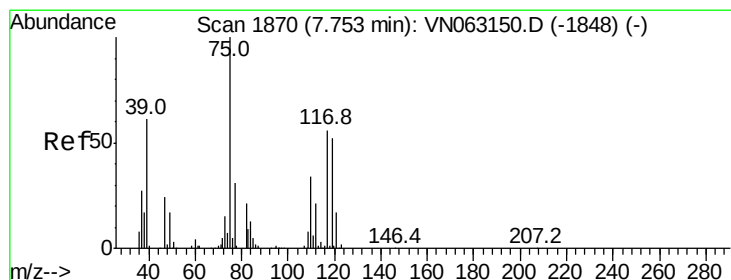
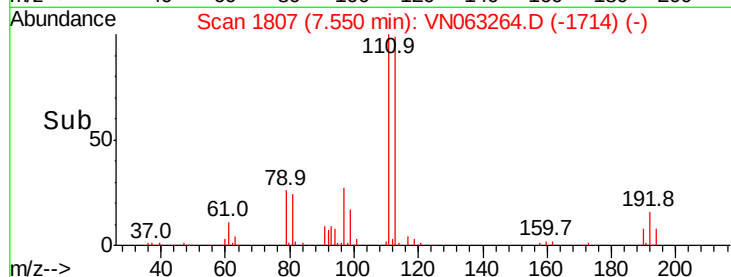
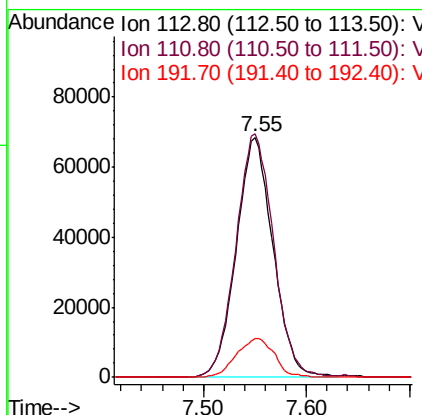
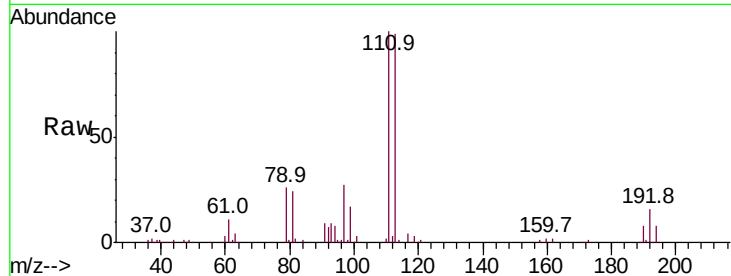




#35
 Dibromofluoromethane
 Concen: 51.853 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

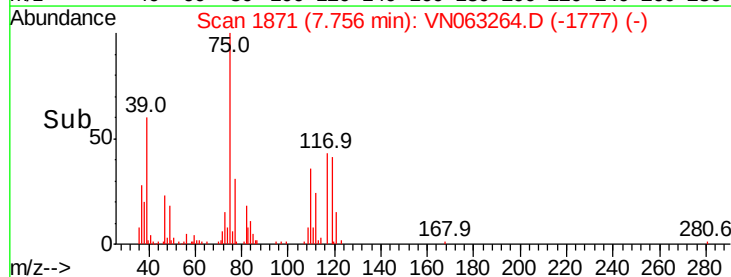
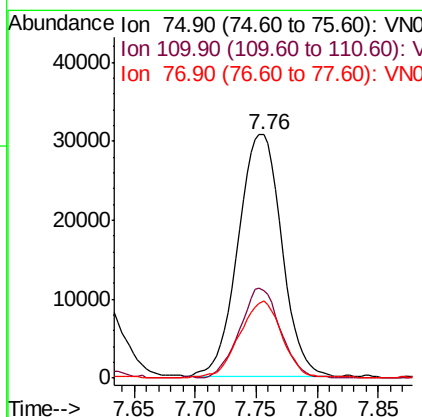
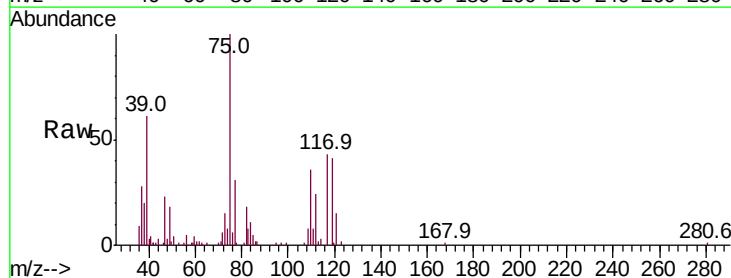
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD02

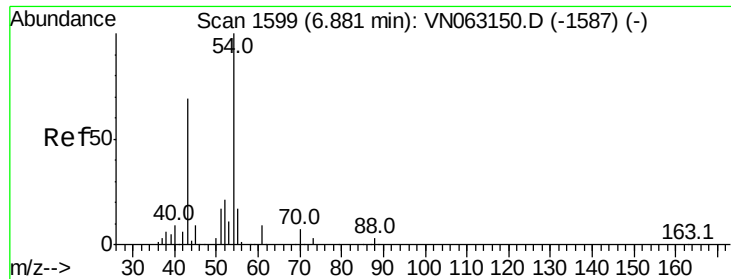
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	80.7	121.1
192	16.8	12.6	19.0



#36
 1,1-Dichloropropene
 Concen: 15.547 ug/l
 RT: 7.76 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.5	16.6	49.8
77	31.3	25.4	38.2

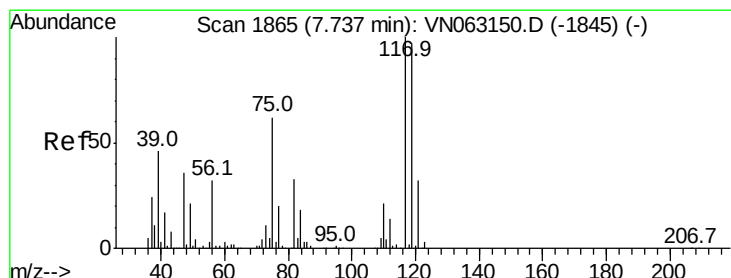
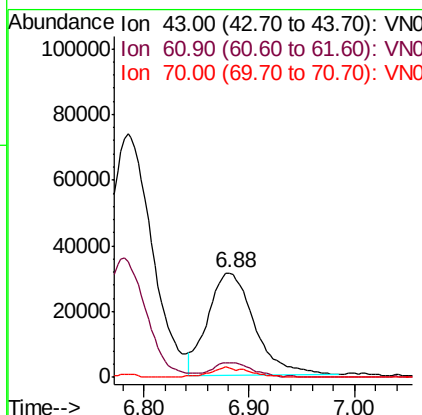
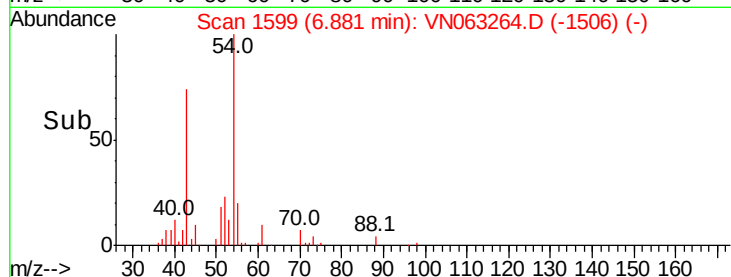
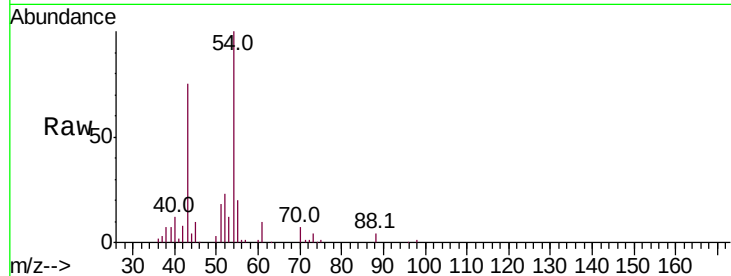




#37
Ethyl Acetate
Concen: 20.865 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

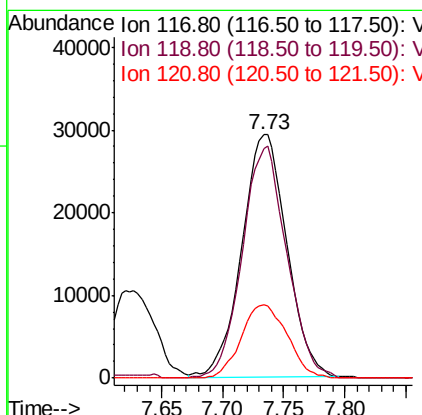
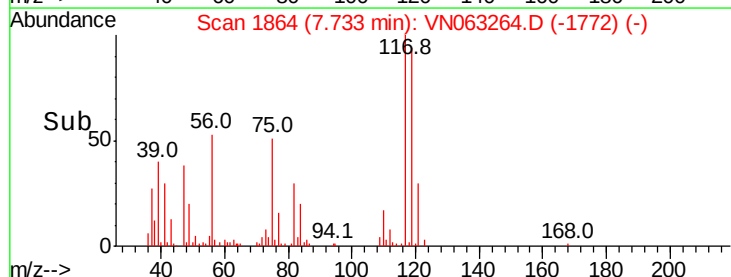
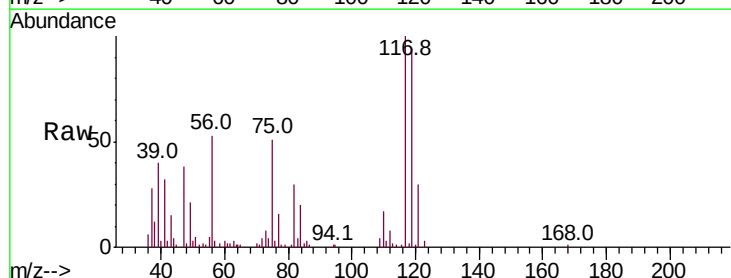
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD02

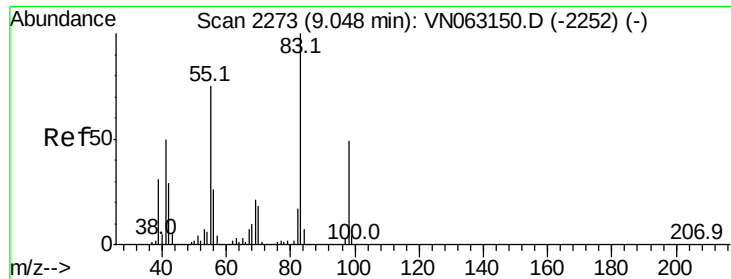
Tot Ion: 43 Resp: 95611
Ion Ratio Lower Upper
43 100
61 11.3 10.2 15.4
70 5.2 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 15.085 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Tgt Ion: 117 Resp: 75044
Ion Ratio Lower Upper
117 100
119 94.5 77.2 115.8
121 30.3 25.6 38.4

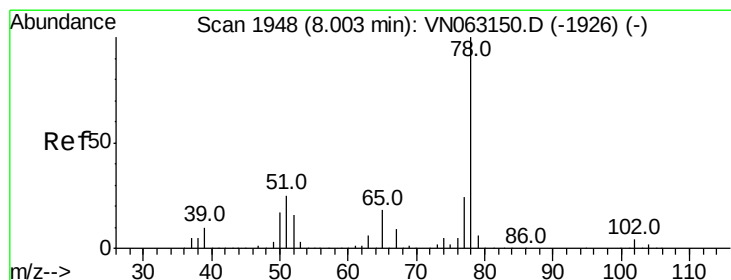
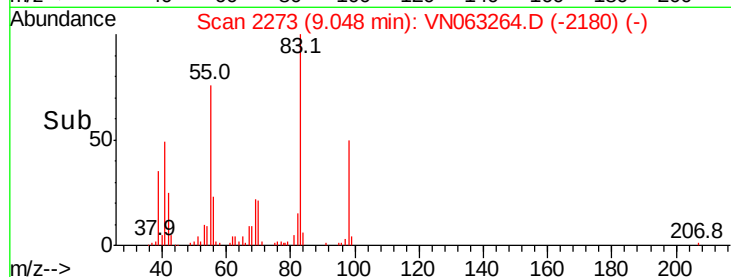
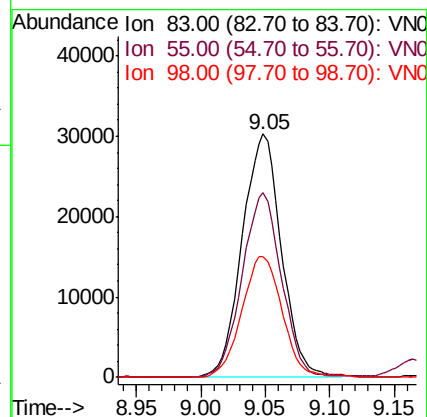
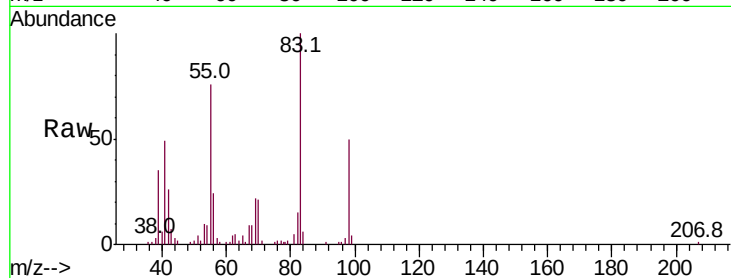




#39
Methylvlcyclohexane
Concen: 11.648 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

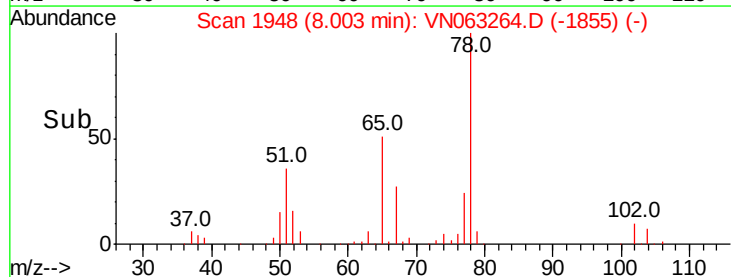
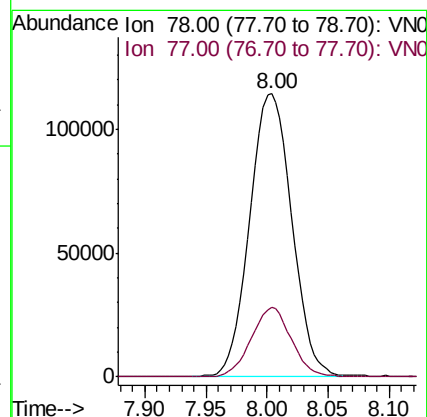
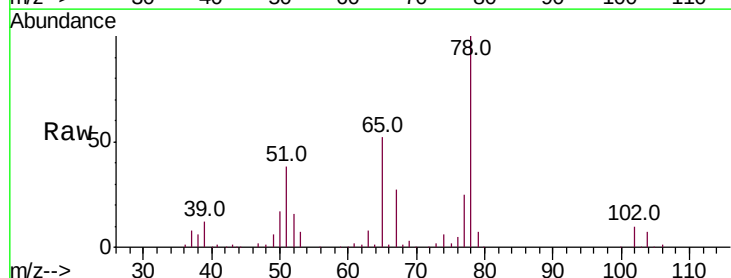
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD02

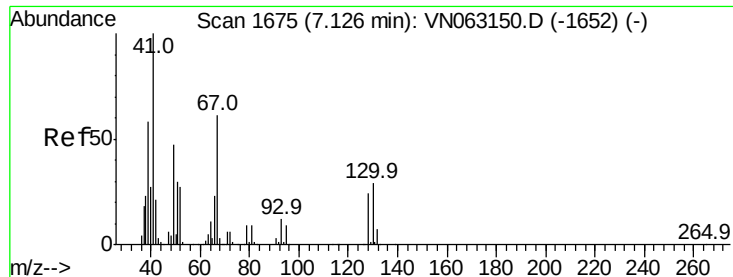
Tot Ion	83	Resp	64189
Ion	Ratio	Lower	Upper
83	100		
55	75.9	60.3	90.5
98	49.6	38.9	58.3



#40
Benzene
Concen: 19.015 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Tgt Ion	78	Resp	274092
Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.3	28.9

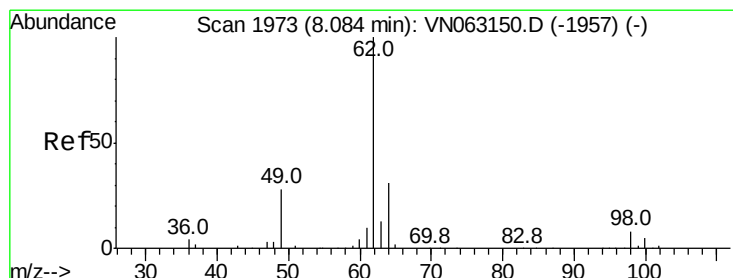
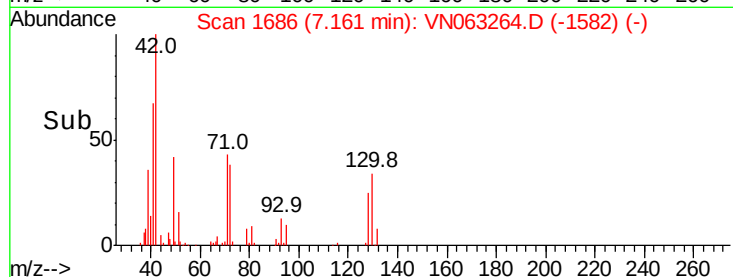
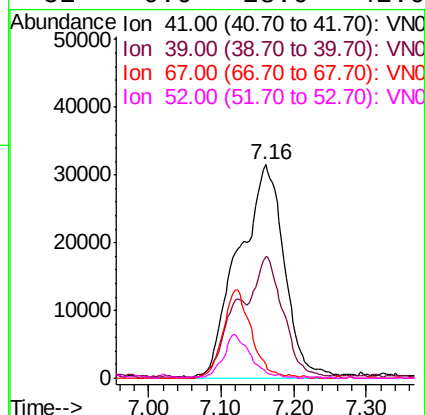
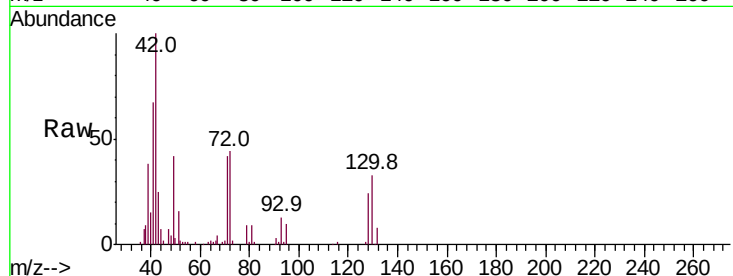




#41
Methacrylonitrile
Concen: 67.163 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. 0.04 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

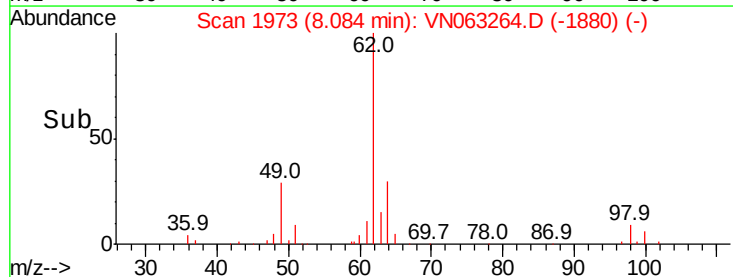
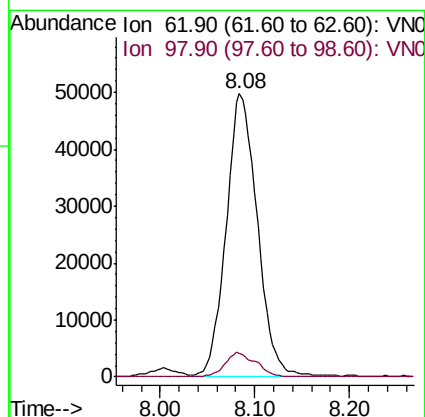
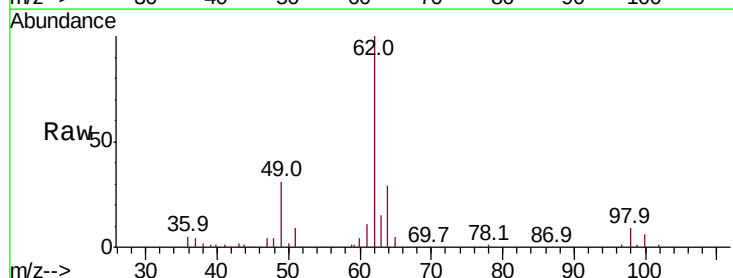
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD02

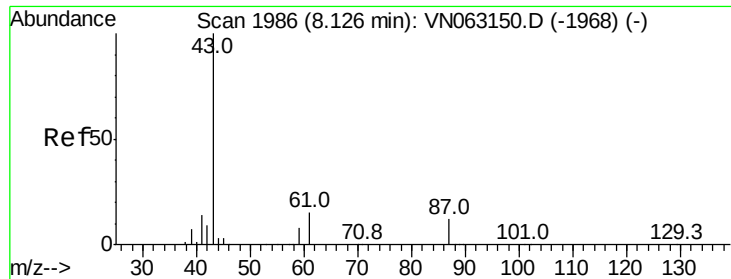
Tot Ion	Ratio	Lower	Upper
41	100		
39	29.6	46.6	70.0#
67	0.0	62.6	94.0#
52	0.0	28.0	42.0#



#42
1,2-Dichloroethane
Concen: 21.006 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.2





#43

Isopropyl Acetate

Concen: 20.416 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD02

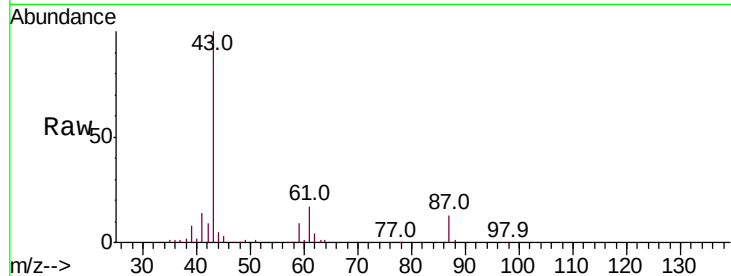
Tot Ion: 43 Resp: 163322

Ion Ratio Lower Upper

43 100

61 25.8 20.2 30.4

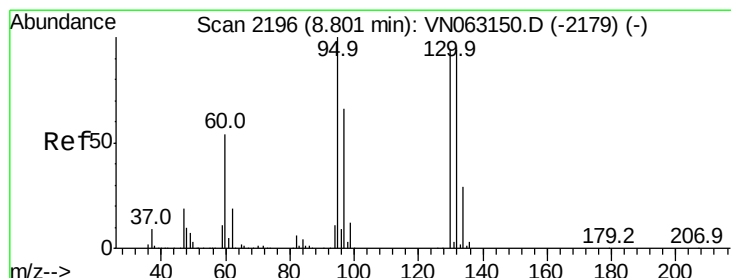
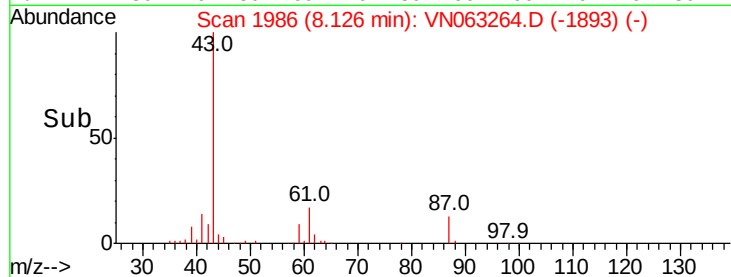
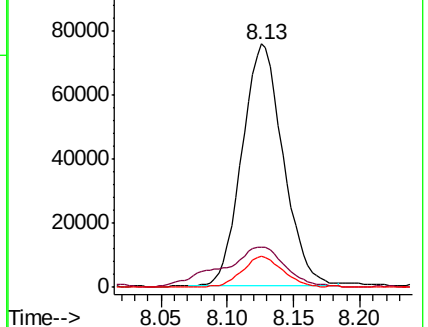
87 12.7 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 19.454 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063264.D

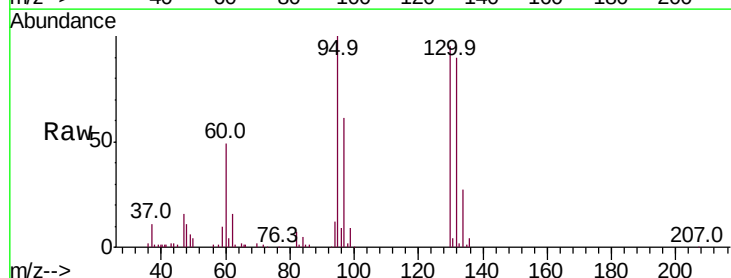
Acq: 5 Sep 2020 3:12

Tgt Ion:130 Resp: 68020

Ion Ratio Lower Upper

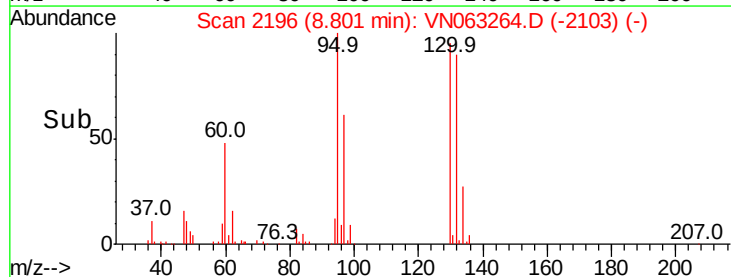
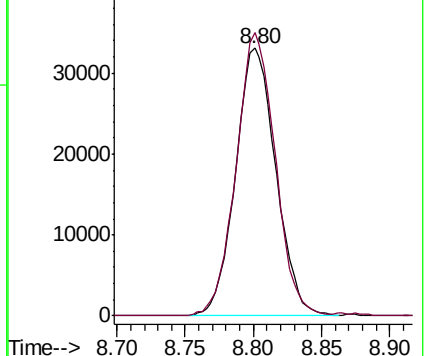
130 100

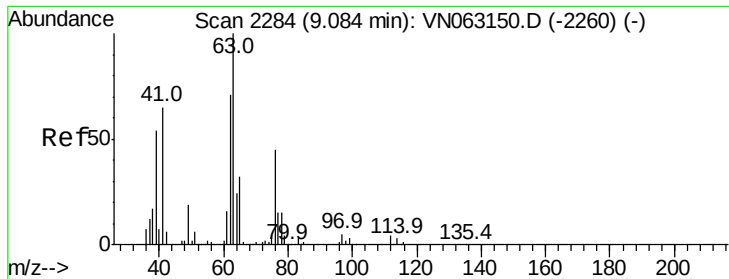
95 105.8 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 19.292 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

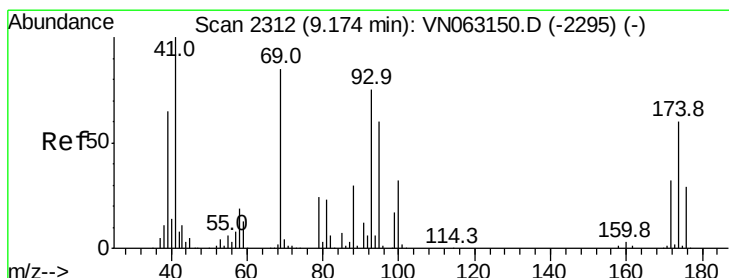
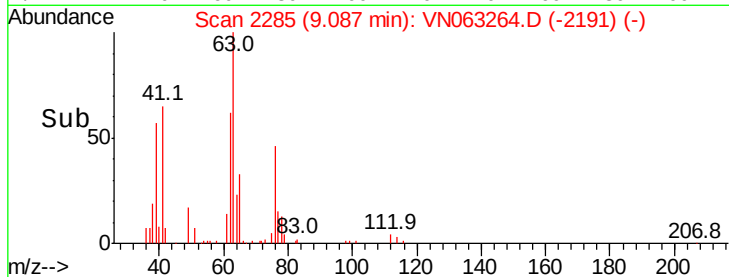
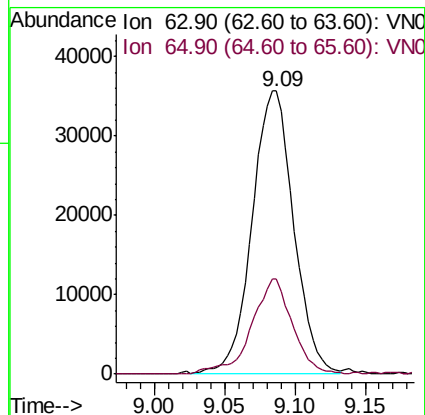
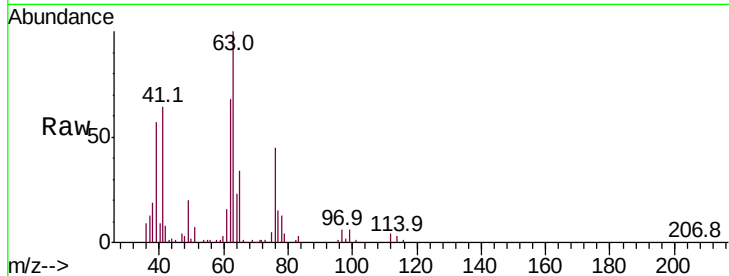
VN0904WBSD02

Tot Ion: 63 Resp: 73627

Ion Ratio Lower Upper

63 100

65 33.5 25.4 38.0



#46

Dibromomethane

Concen: 21.551 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

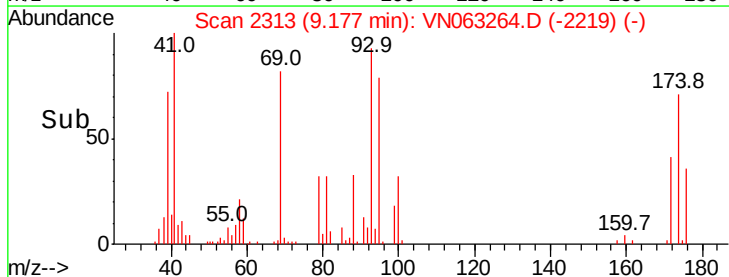
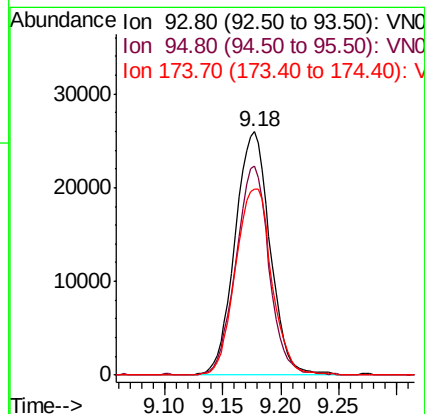
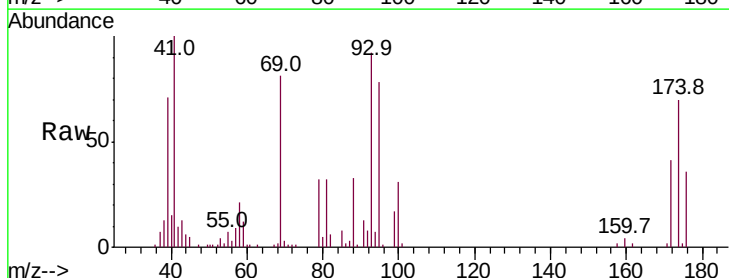
Tgt Ion: 93 Resp: 54506

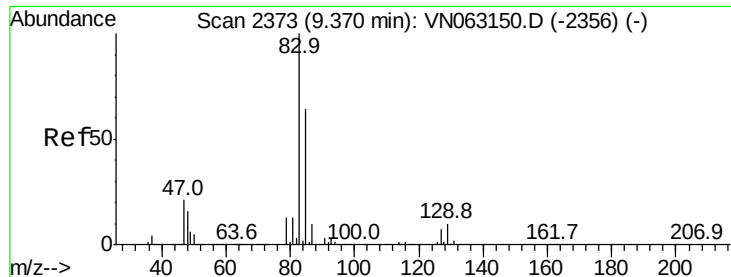
Ion Ratio Lower Upper

93 100

95 81.2 65.2 97.8

174 79.3 64.6 97.0





#47

Bromodichloromethane

Concen: 19.481 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD02

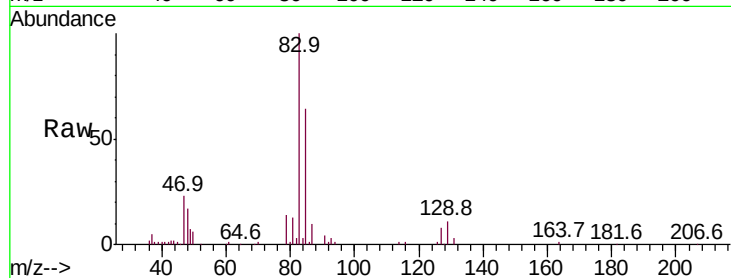
Tot Ion: 83 Resp: 105614

Ion Ratio Lower Upper

83 100

85 63.5 51.0 76.6

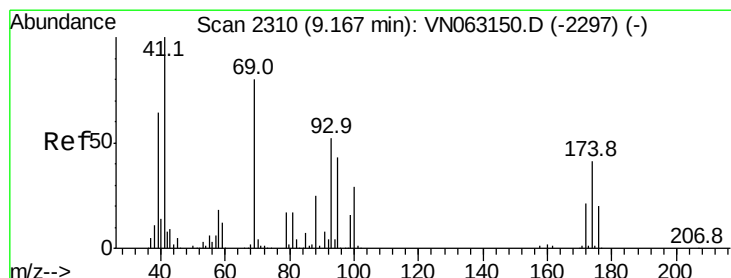
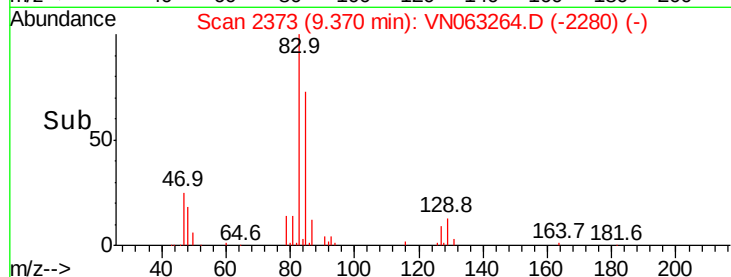
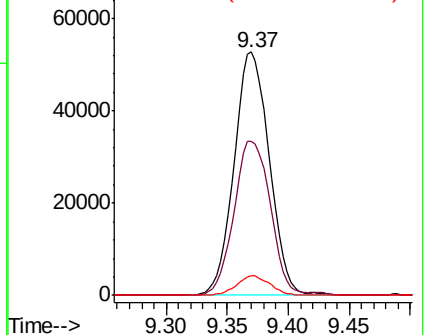
127 8.0 5.7 8.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.964 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

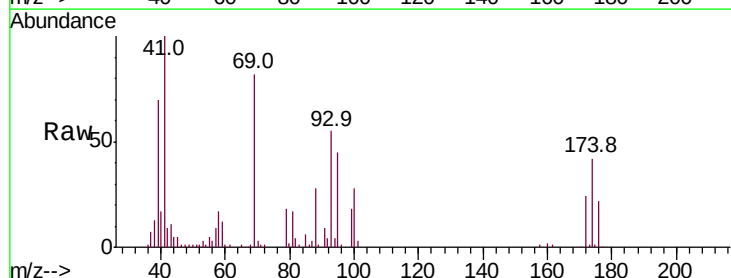
Tgt Ion: 41 Resp: 75602

Ion Ratio Lower Upper

41 100

69 81.6 65.9 98.9

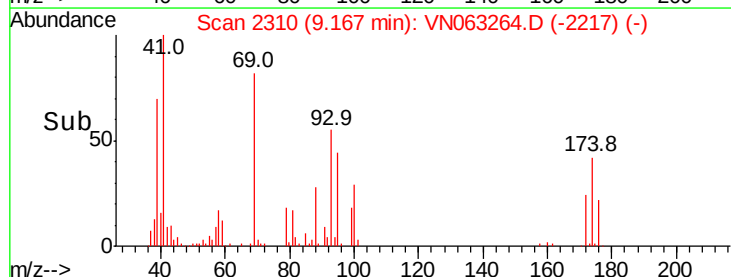
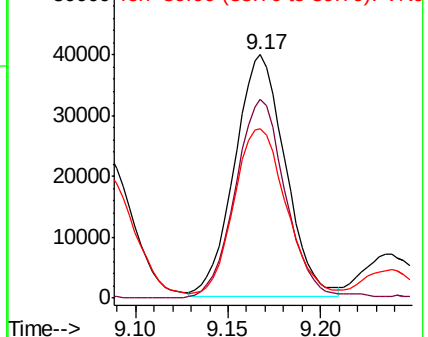
39 72.0 52.0 78.0

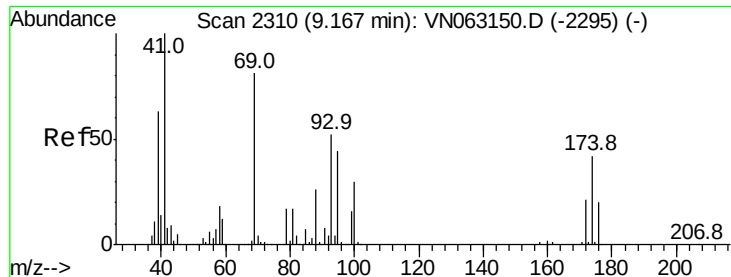


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

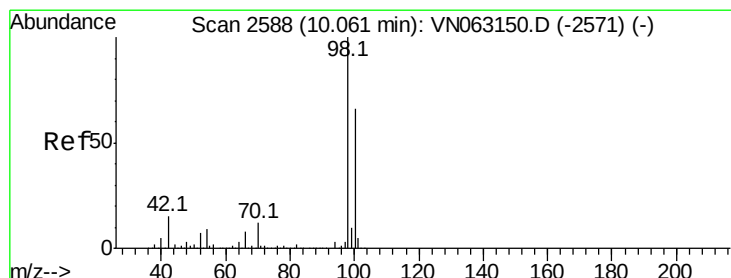
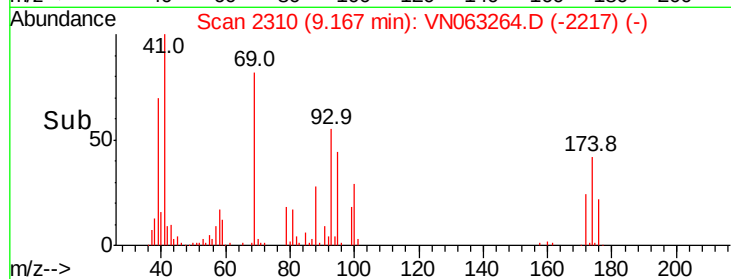
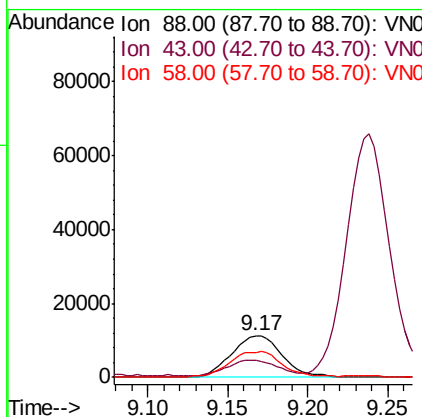
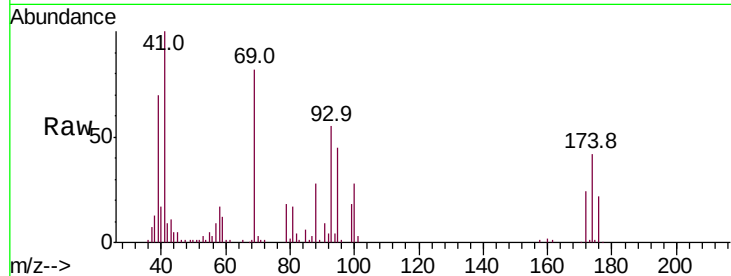




#49
 1,4-Dioxane
 Concen: 437.028 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

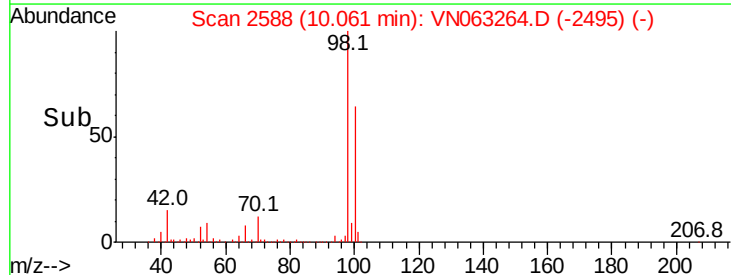
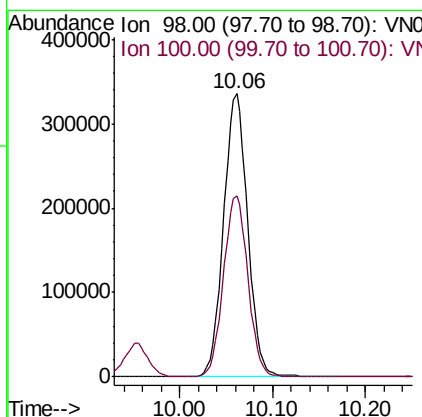
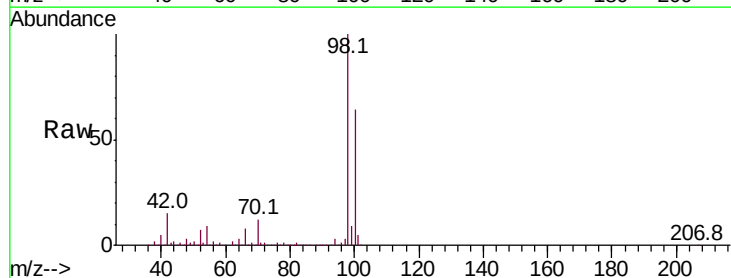
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD02

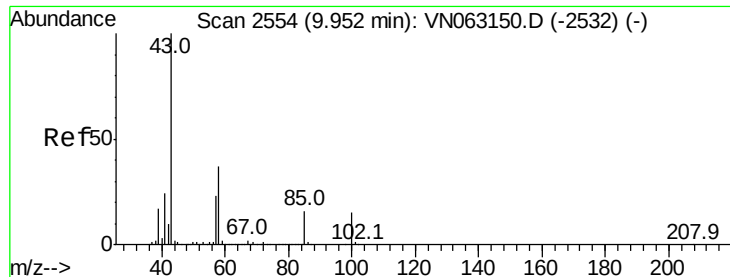
Tot Ion: 88 Resp: 24377
 Ion Ratio Lower Upper
 88 100
 43 38.0 28.6 42.8
 58 65.5 53.2 79.8



#50
 Toluene-d8
 Concen: 47.999 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Tgt Ion: 98 Resp: 604776
 Ion Ratio Lower Upper
 98 100
 100 64.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 112.933 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

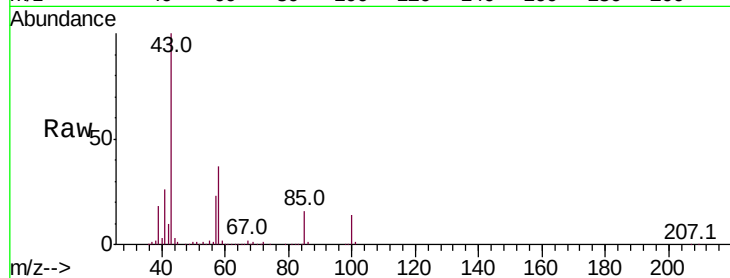
VN0904WBSD02

Tot Ion: 43 Resp: 490935

Ion Ratio Lower Upper

43 100

58 36.9 29.2 43.8



Abundance Ion 43.00 (42.70 to 43.70): VN063150.D (-2532) (-)

Ion 58.00 (57.70 to 58.70): VN063150.D (-2532) (-)

9.95

300000

250000

200000

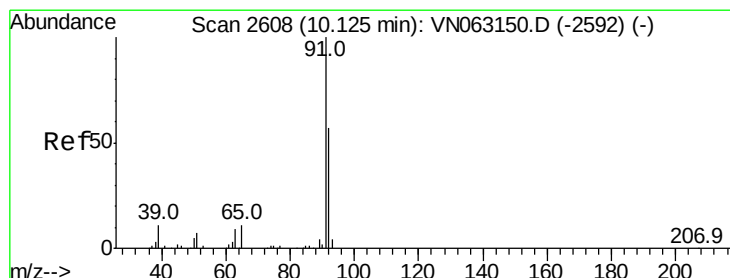
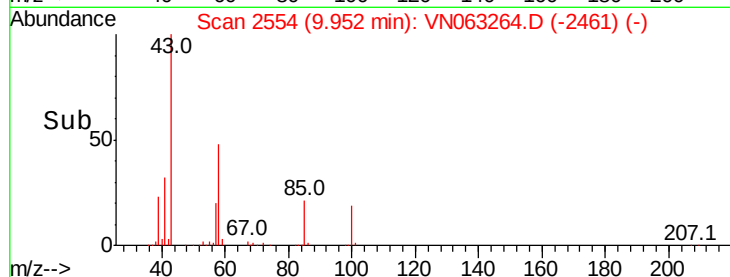
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.838 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063264.D

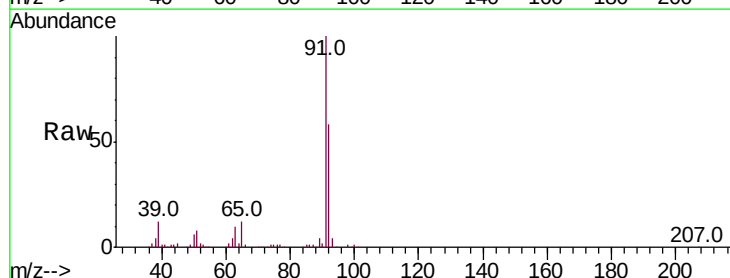
Acq: 5 Sep 2020 3:12

Tgt Ion: 92 Resp: 169153

Ion Ratio Lower Upper

92 100

91 173.0 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN063150.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063150.D (-2592) (-)

10.13

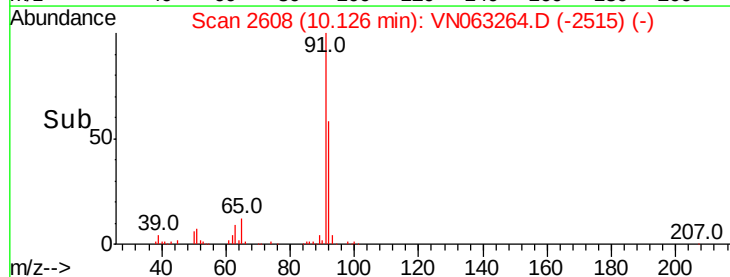
150000

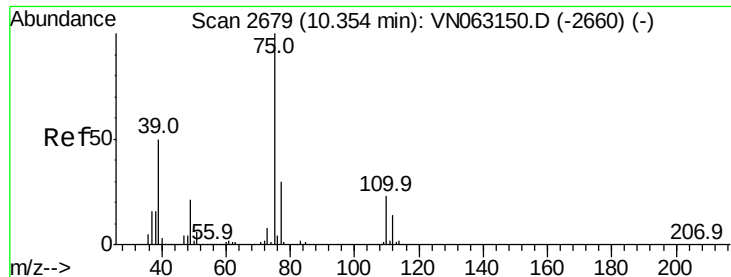
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.724 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

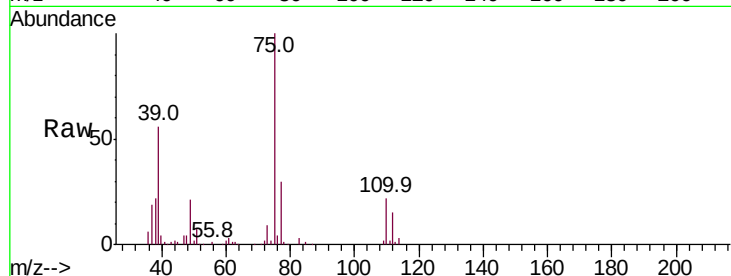
VN0904WBSD02

Tot Ion: 75 Resp: 105102

Ion Ratio Lower Upper

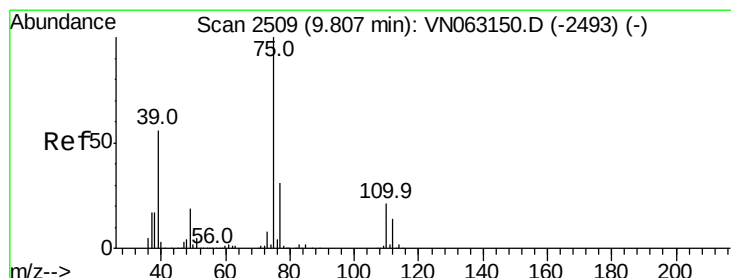
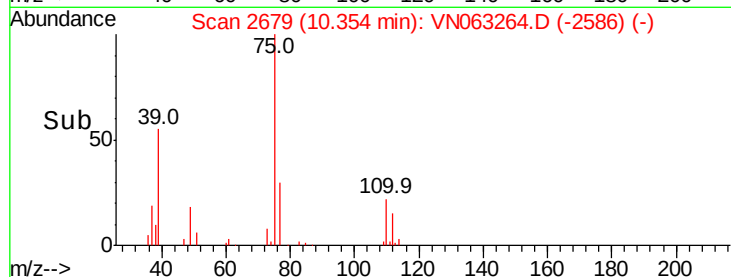
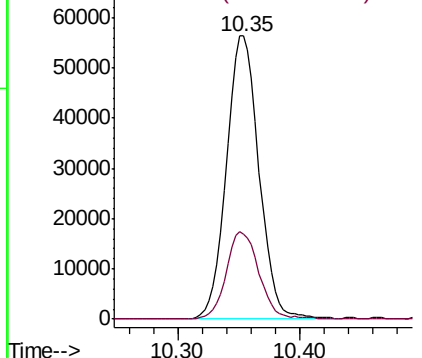
75 100

77 30.1 24.2 36.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.023 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

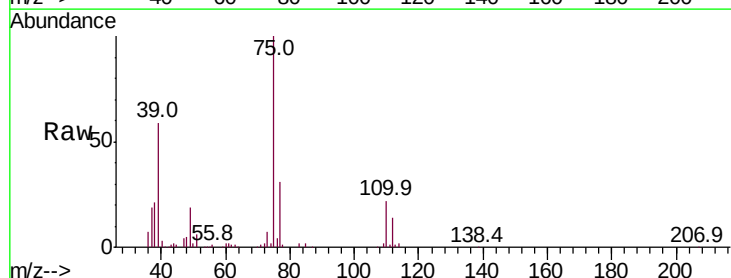
Tgt Ion: 75 Resp: 112190

Ion Ratio Lower Upper

75 100

77 30.8 24.8 37.2

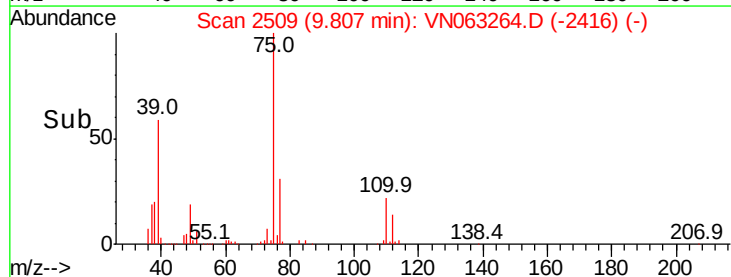
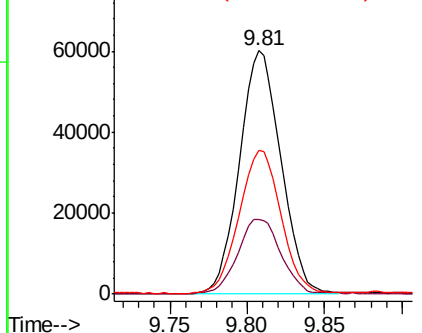
39 58.8 45.0 67.6

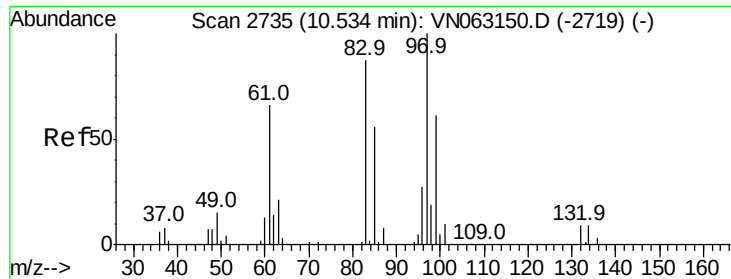


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

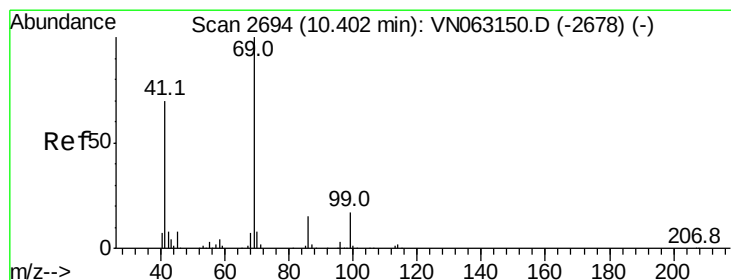
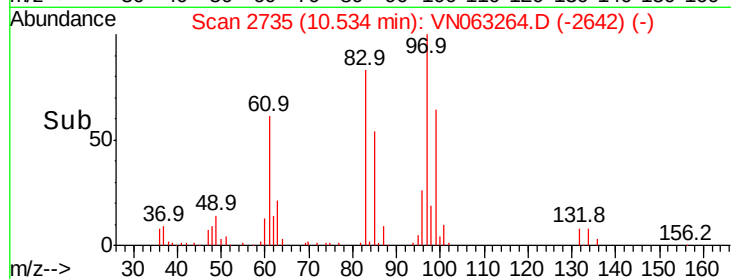
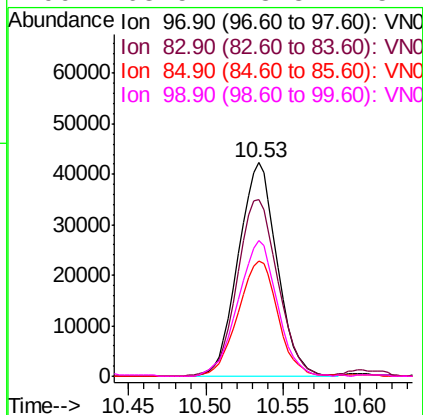
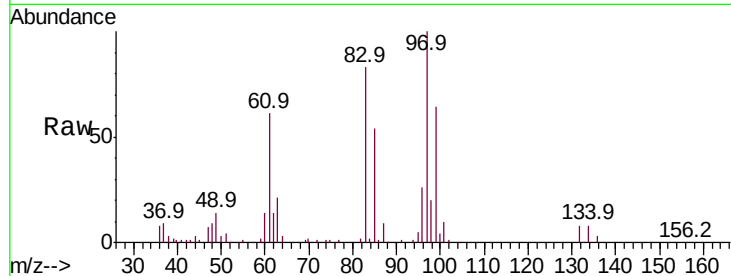




#55
 1,1,2-Trichloroethane
 Concen: 21.557 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

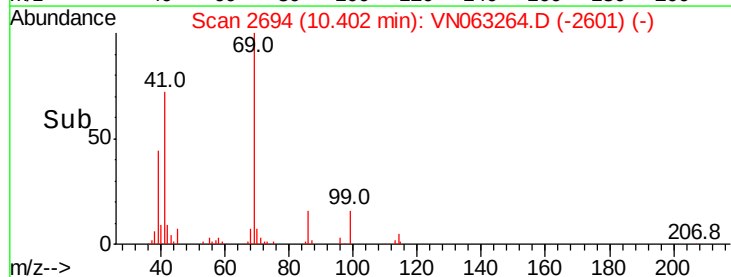
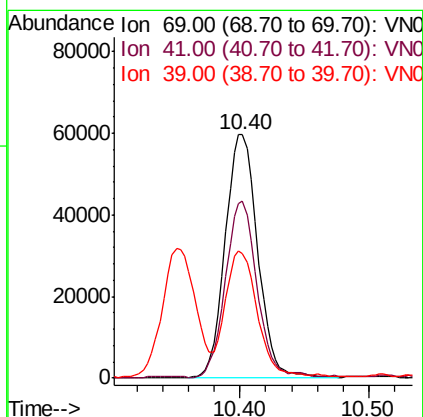
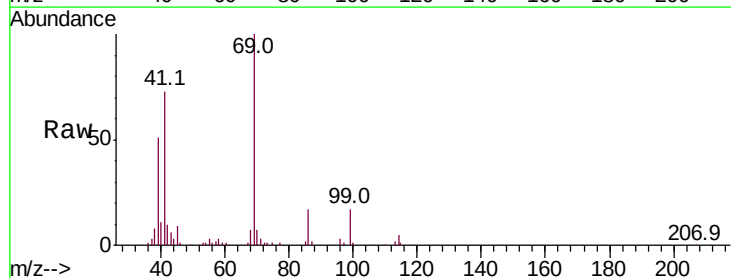
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD02

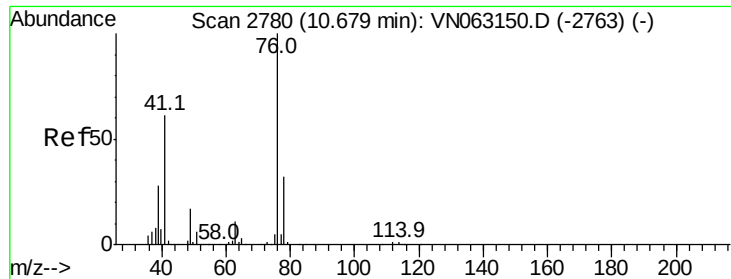
Tot Ion: 97 Resp: 74132
 Ion Ratio Lower Upper
 97 100
 83 82.2 69.8 104.8
 85 54.2 44.9 67.3
 99 63.5 48.8 73.2



#56
 Ethyl methacrylate
 Concen: 20.030 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Tgt Ion: 69 Resp: 104825
 Ion Ratio Lower Upper
 69 100
 41 68.9 55.5 83.3
 39 49.5 38.2 57.2

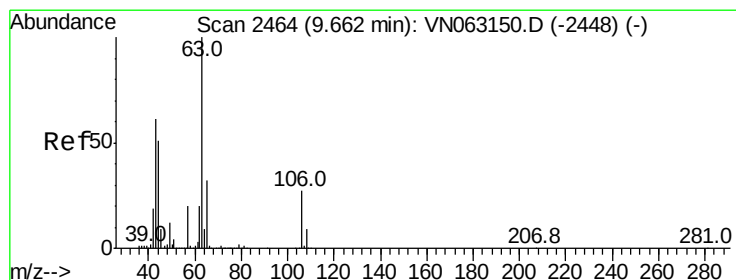
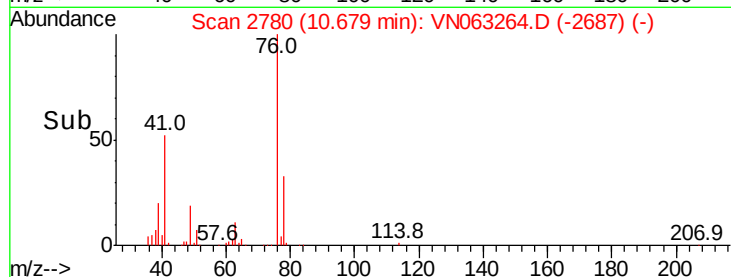
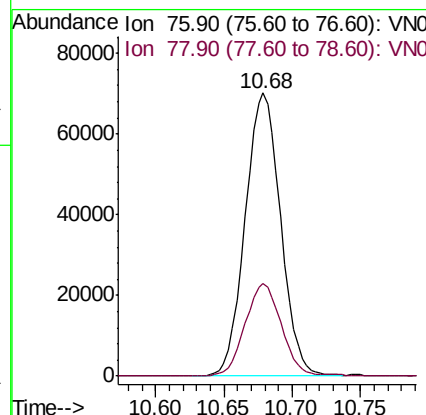
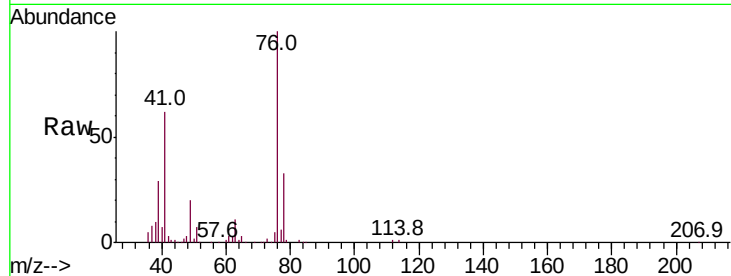




#57
 1,3-Dichloropropane
 Concen: 20.648 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

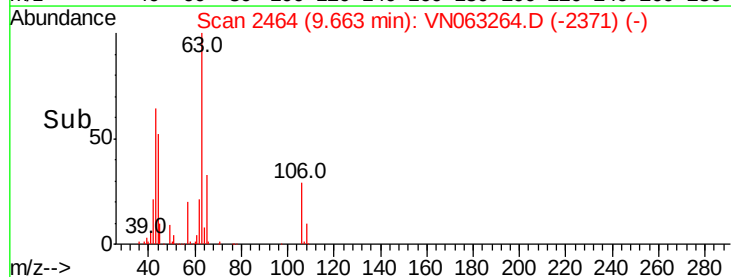
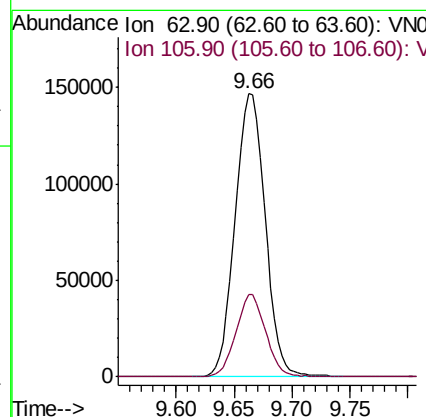
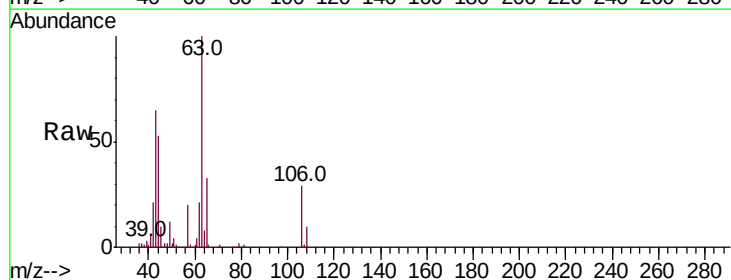
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD02

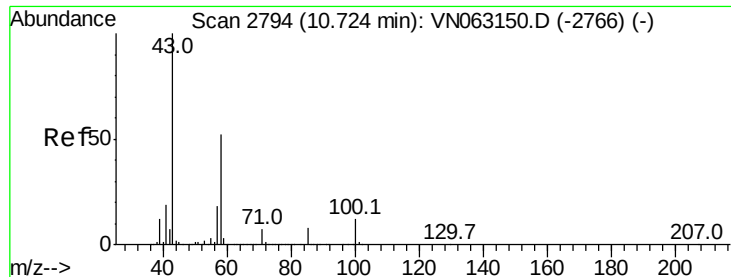
Tot Ion: 76 Resp: 126493
 Ion Ratio Lower Upper
 76 100
 78 33.3 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.529 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Tgt Ion: 63 Resp: 264312
 Ion Ratio Lower Upper
 63 100
 106 28.6 21.8 32.6

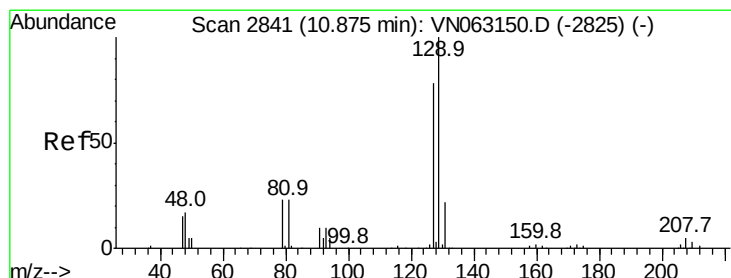
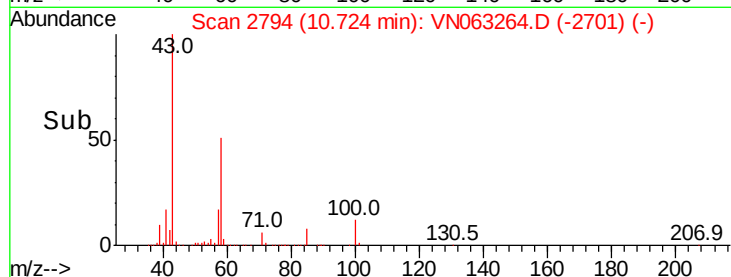
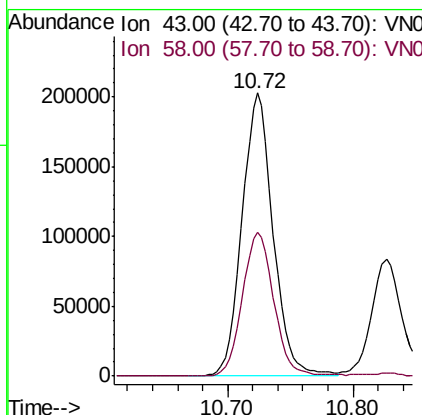
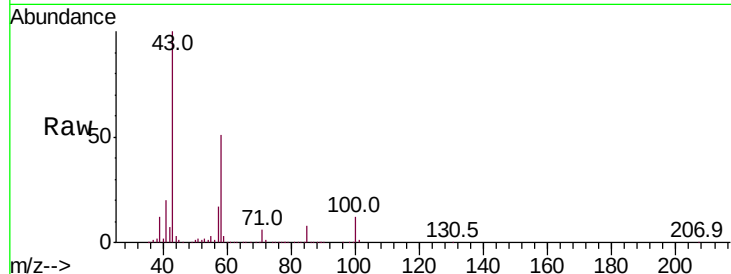




#59
2-Hexanone
Concen: 113.703 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

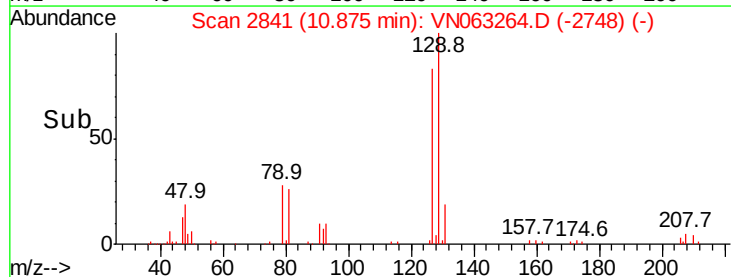
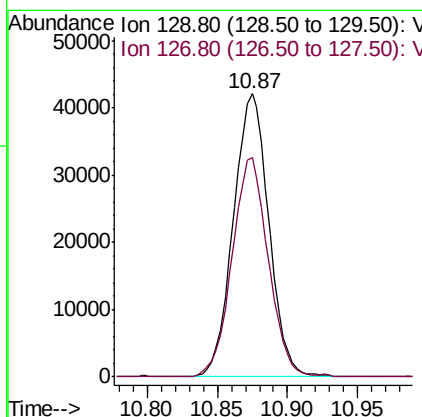
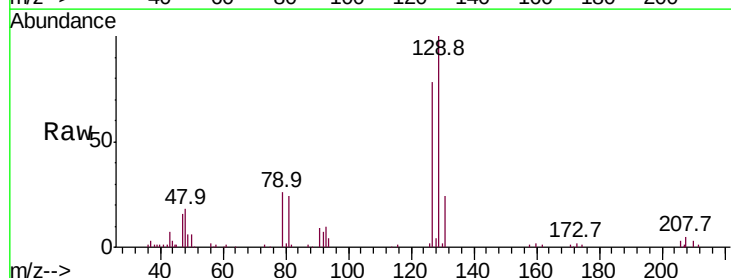
Instrument :
MSVOA_N
ClientSampled :
VN0904WBSD02

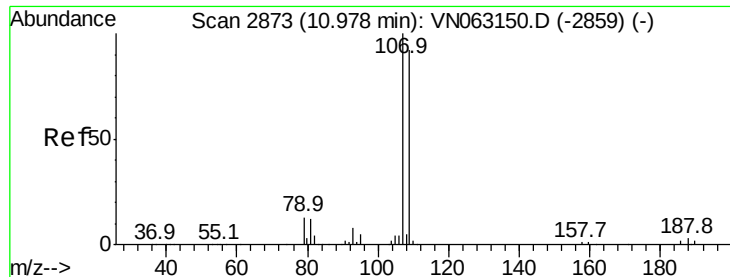
Tot Ion: 43 Resp: 347375
Ion Ratio Lower Upper
43 100
58 51.7 25.9 77.8



#60
Dibromochloromethane
Concen: 19.502 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Tgt Ion: 129 Resp: 74147
Ion Ratio Lower Upper
129 100
127 79.0 39.0 117.0

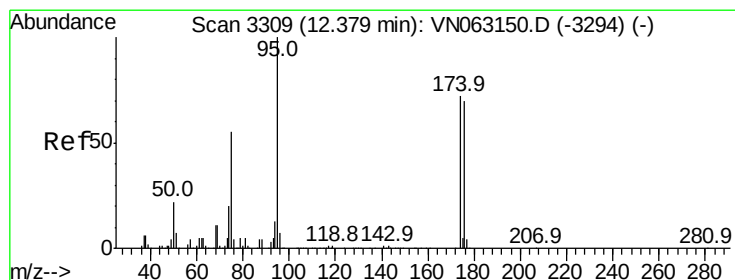
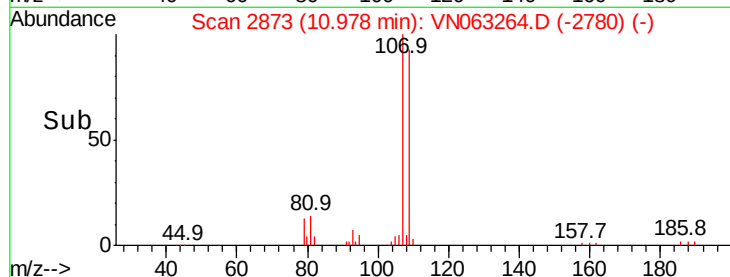
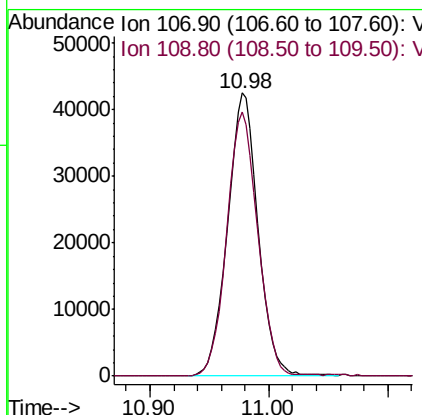
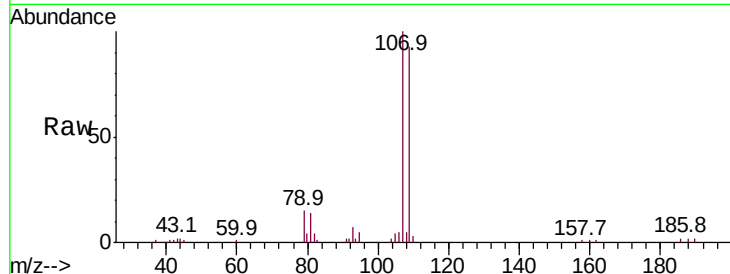




#61
 1,2-Dibromoethane
 Concen: 21.058 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

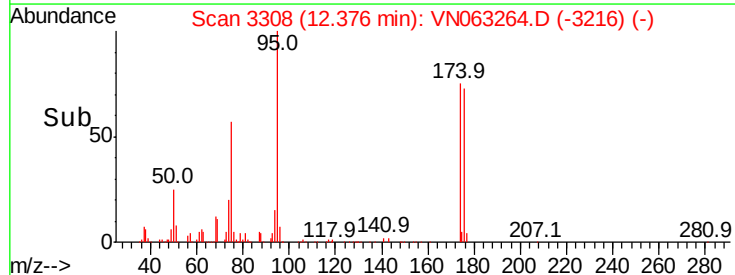
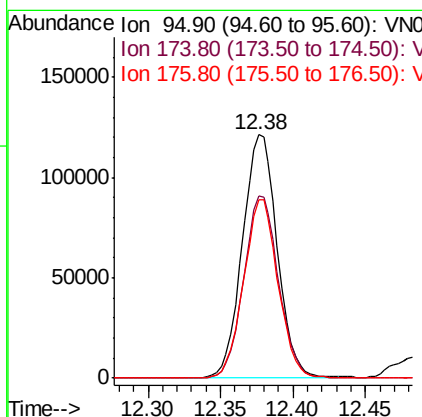
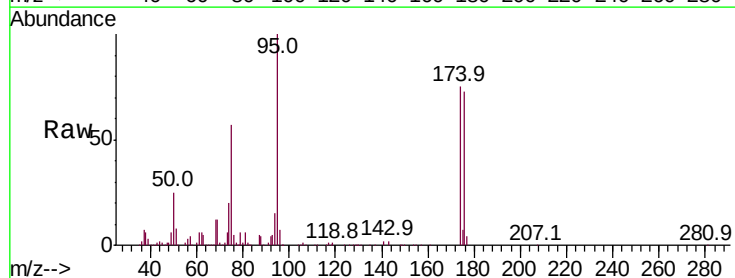
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD02

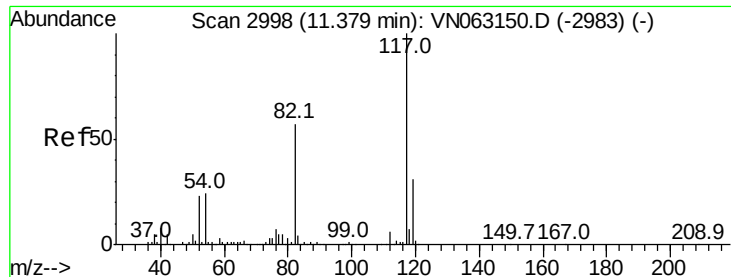
Tot Ion: 107 Resp: 75279
 Ion Ratio Lower Upper
 107 100
 109 94.7 73.4 110.0



#62
 4-Bromofluorobenzene
 Concen: 45.975 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Tgt Ion: 95 Resp: 202631
 Ion Ratio Lower Upper
 95 100
 174 74.7 0.0 143.8
 176 72.5 0.0 138.4

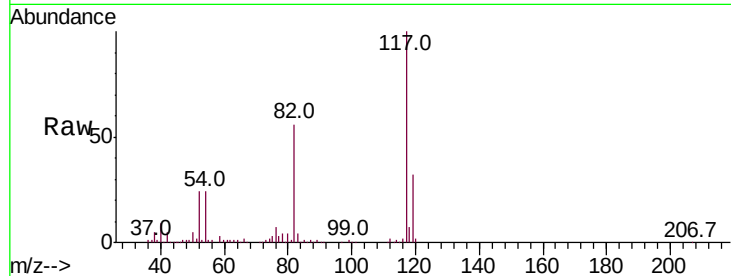




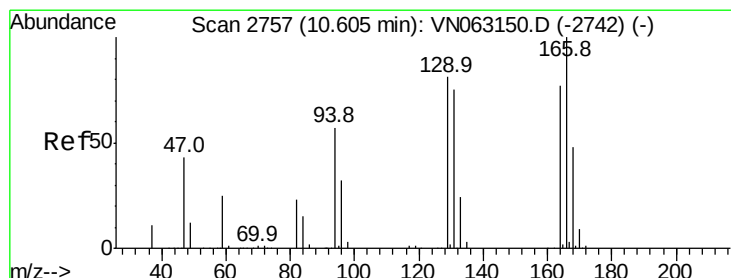
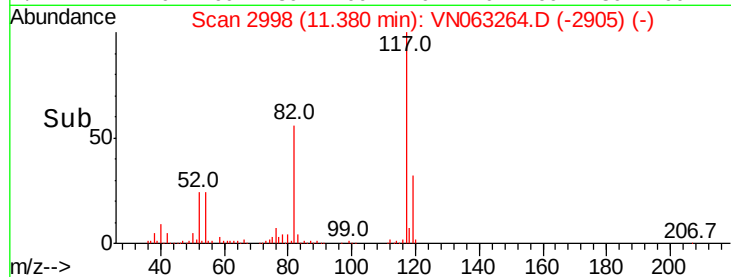
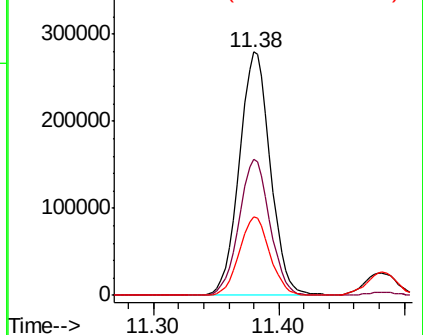
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD02

Tot Ion:117 Resp: 480553
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.0
119 32.3 24.6 37.0

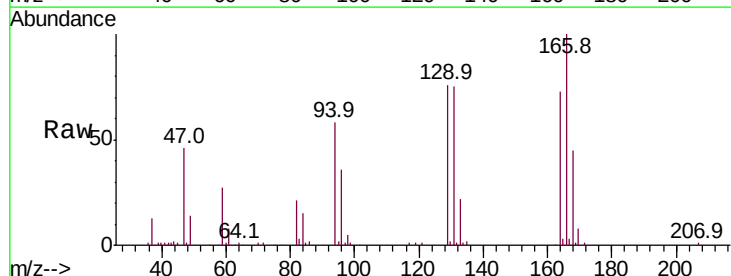


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

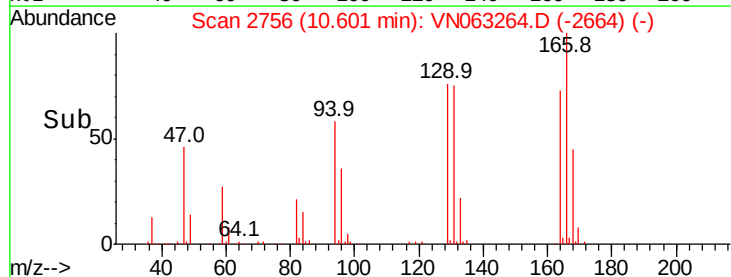
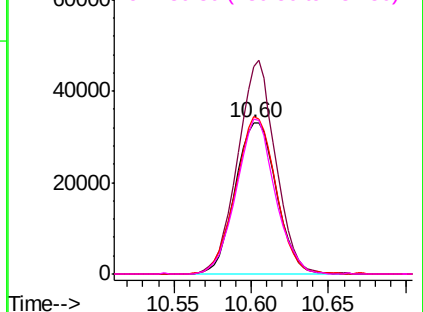


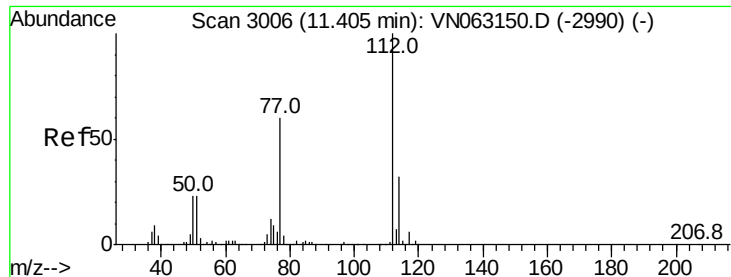
#64
Tetrachloroethene
Concen: 17.734 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Tgt Ion:164 Resp: 61197
Ion Ratio Lower Upper
164 100
166 136.6 103.4 155.2
129 104.0 83.4 125.0
131 102.2 77.8 116.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

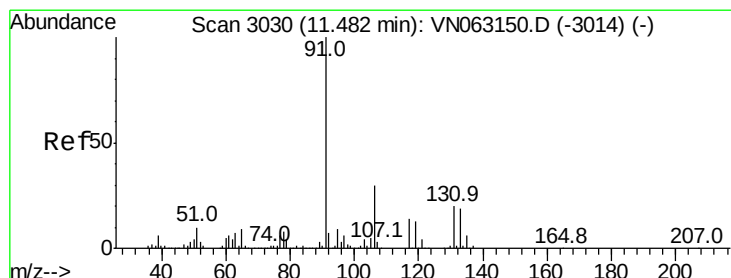
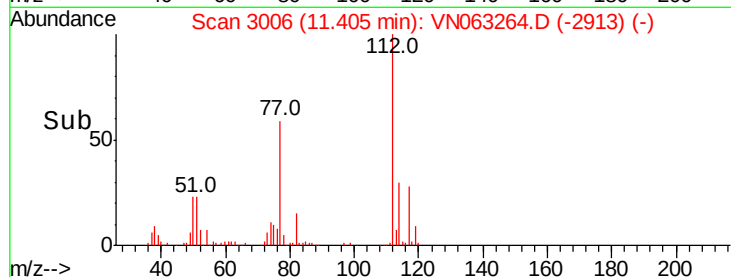
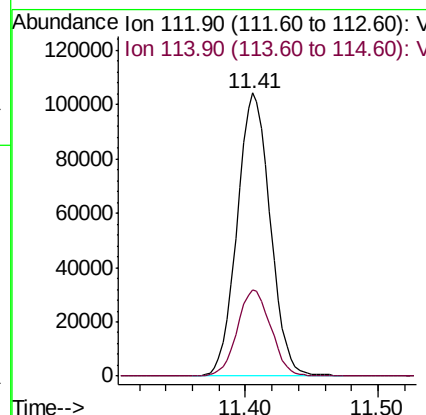
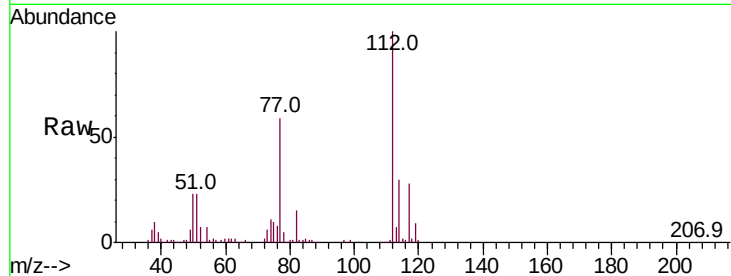




#65
Chlorobenzene
Concen: 18.678 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

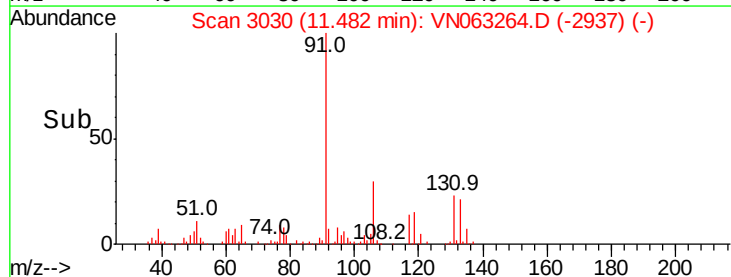
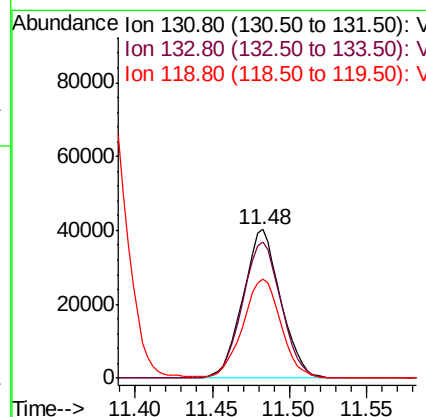
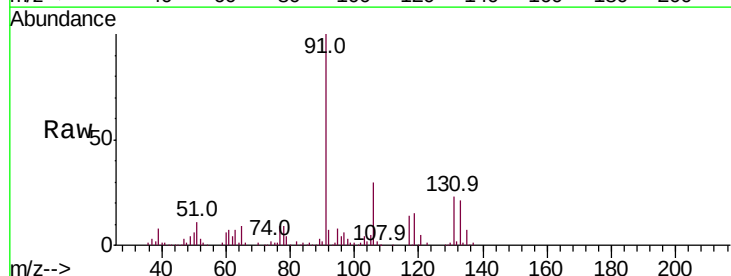
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD02

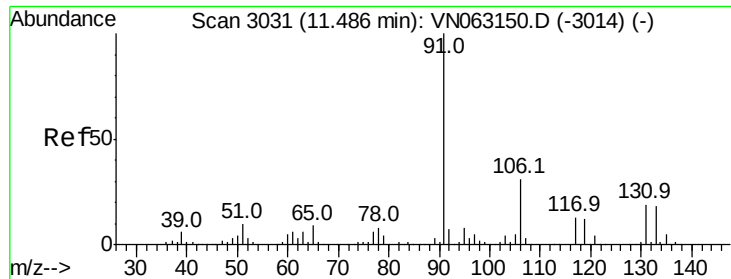
Tot Ion:112 Resp: 180782
Ion Ratio Lower Upper
112 100
114 30.3 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.961 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Tgt Ion:131 Resp: 68137
Ion Ratio Lower Upper
131 100
133 94.2 47.3 142.0
119 68.0 32.4 97.0

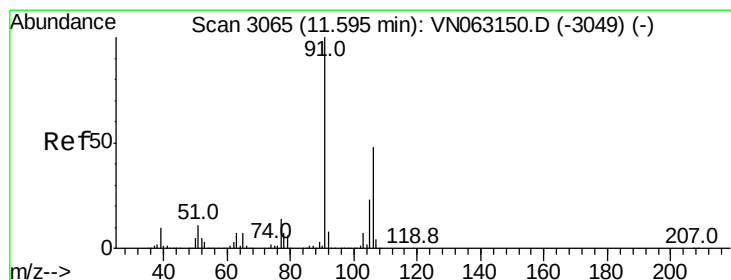
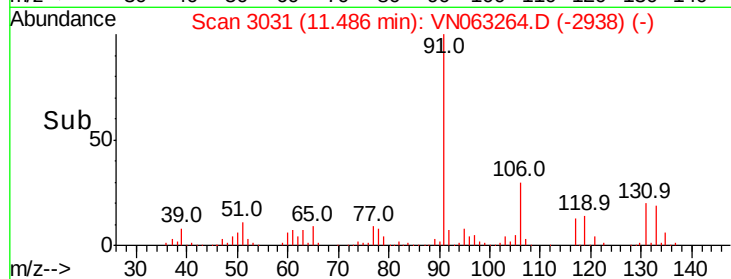
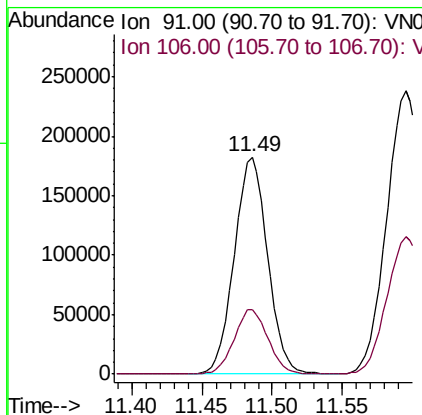
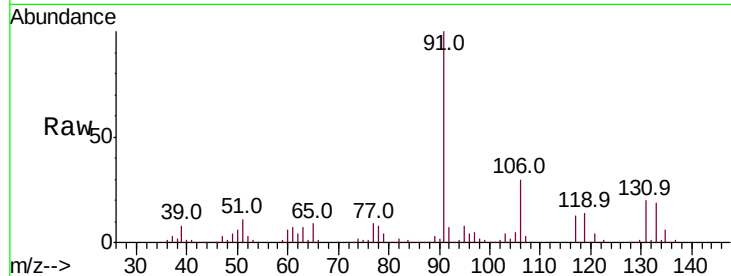




#67
Ethyl Benzene
Concen: 17.160 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

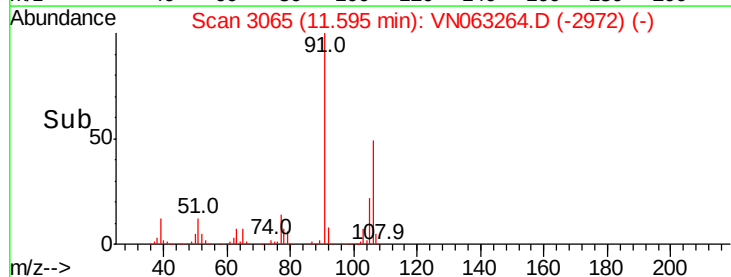
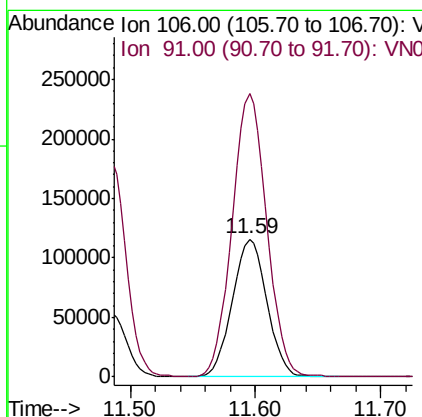
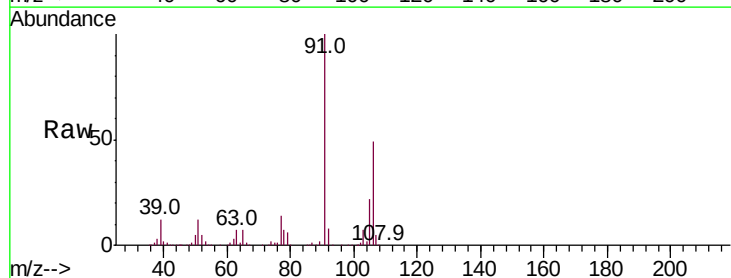
Instrument :
MSVOA_N
ClientSampled :
VN0904WBSD02

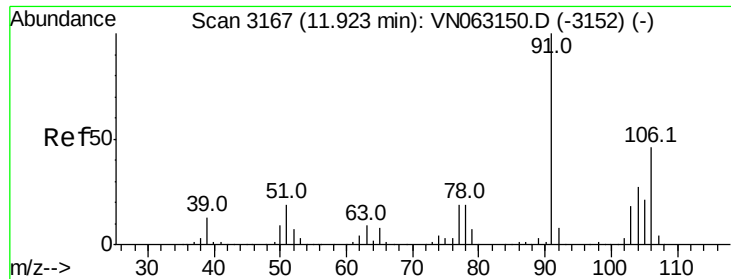
Tot Ion: 91 Resp: 303003
Ion Ratio Lower Upper
91 100
106 29.7 24.4 36.6



#68
m/p-Xylenes
Concen: 33.977 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Tgt Ion: 106 Resp: 222198
Ion Ratio Lower Upper
106 100
91 204.5 166.7 250.1

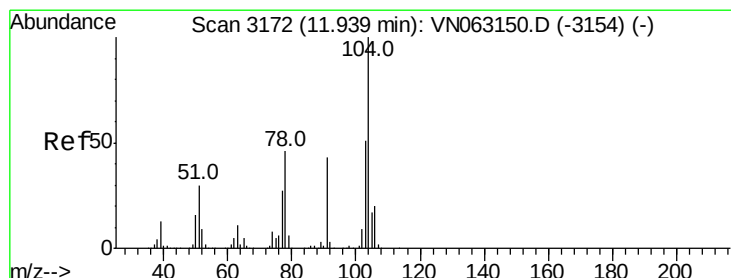
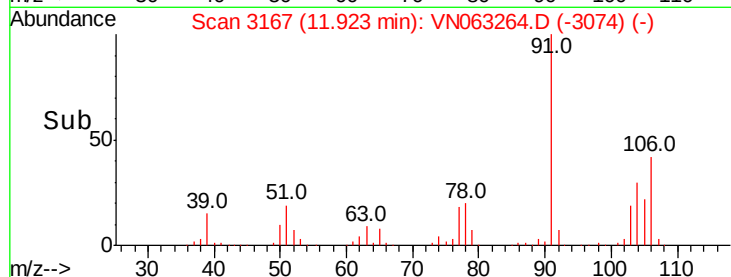
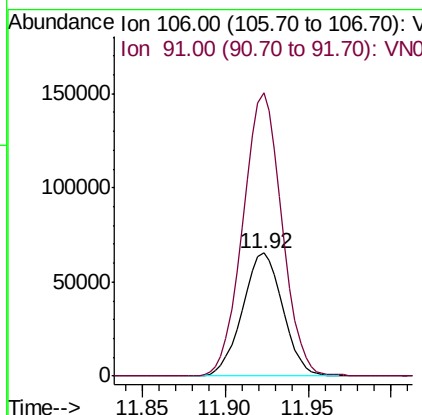
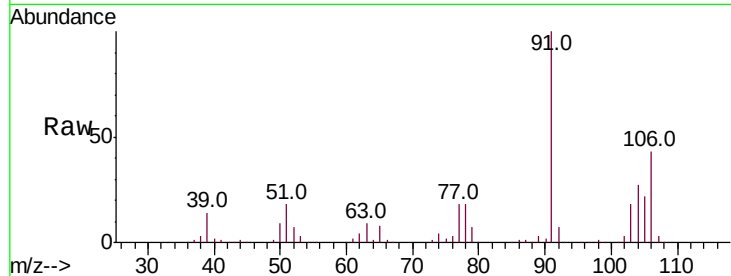




#69
o-Xylene
Concen: 17.534 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

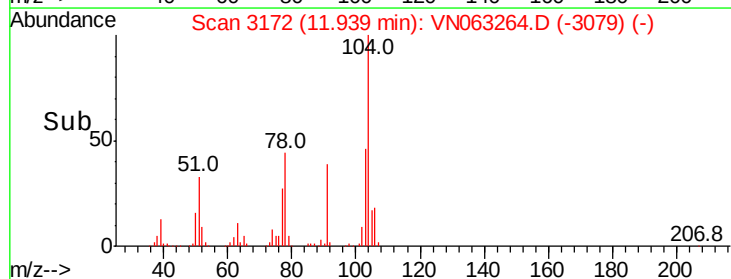
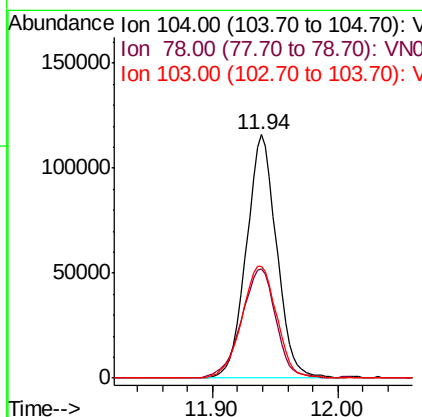
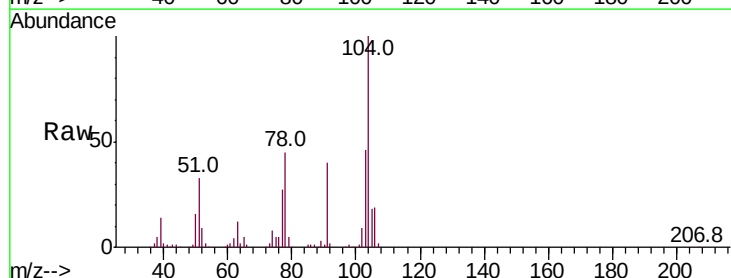
Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD02

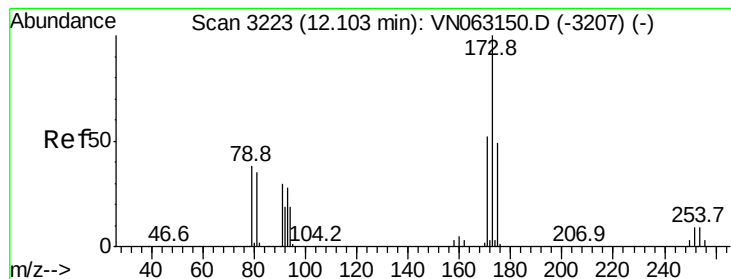
Tot Ion:106 Resp: 110773
Ion Ratio Lower Upper
106 100
91 223.1 108.6 325.6



#70
Styrene
Concen: 17.993 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063264.D
Acq: 5 Sep 2020 3:12

Tgt Ion:104 Resp: 195353
Ion Ratio Lower Upper
104 100
78 51.0 41.0 61.6
103 53.0 43.8 65.8





#71

Bromoform

Concen: 19.368 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD02

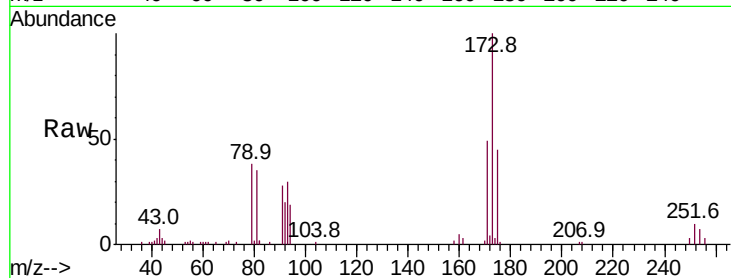
Tot Ion:173 Resp: 47233

Ion Ratio Lower Upper

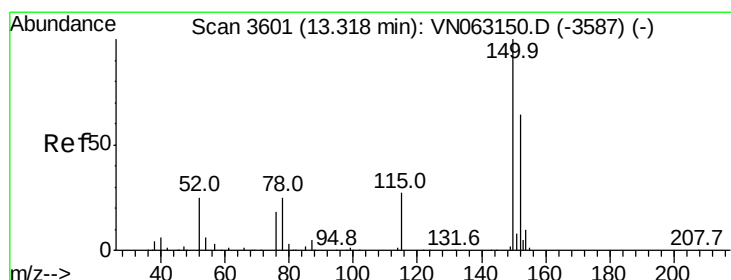
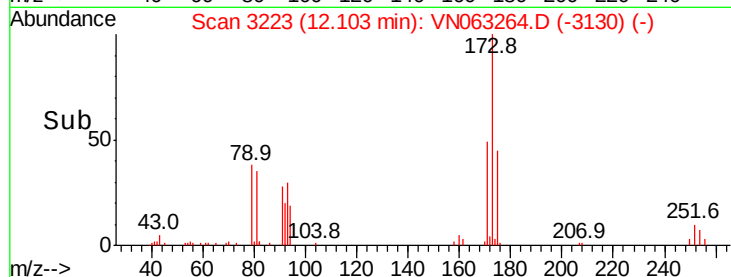
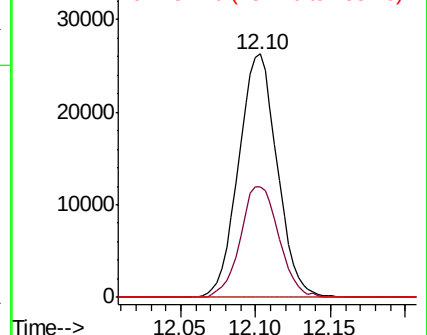
173 100

175 45.3 24.6 73.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

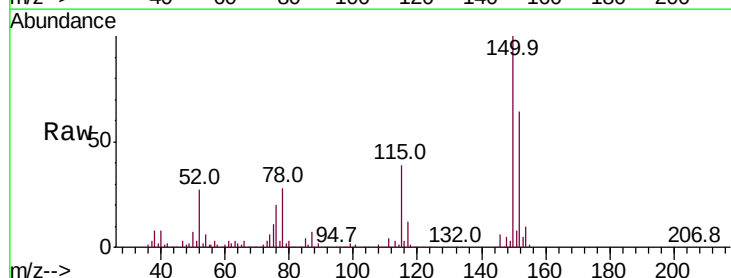
Tgt Ion:152 Resp: 203521

Ion Ratio Lower Upper

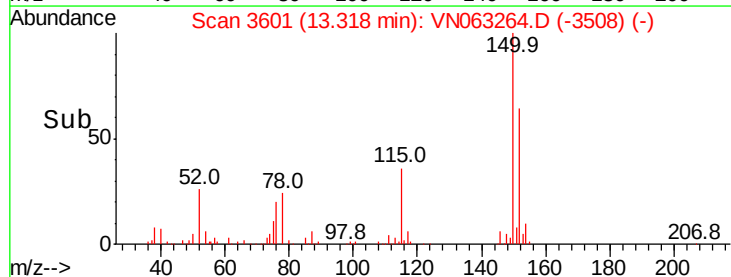
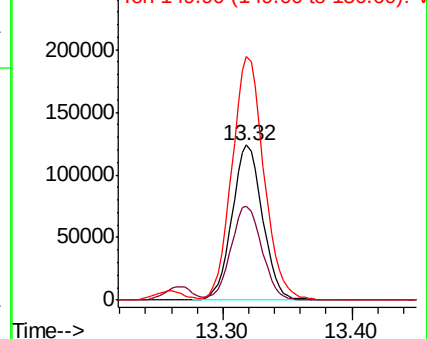
152 100

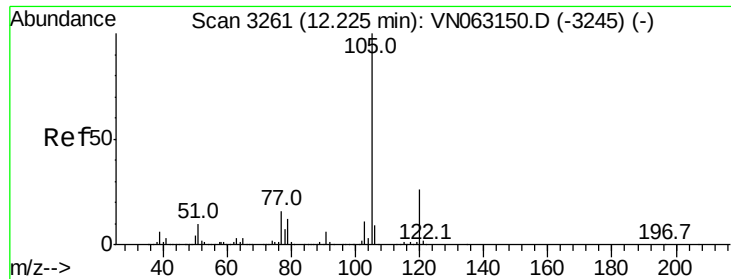
115 60.9 32.0 96.2

150 163.2 0.0 353.0



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





#73

Isopropylbenzene

Concen: 17.371 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

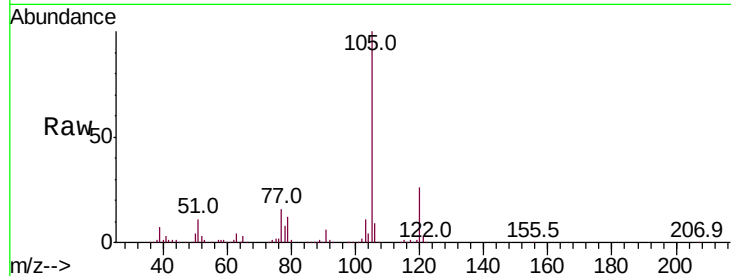
VN0904WBSD02

Tot Ion:105 Resp: 271154

Ion Ratio Lower Upper

105 100

120 25.5 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.23

150000

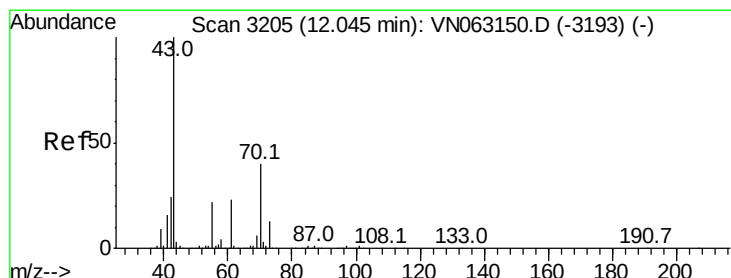
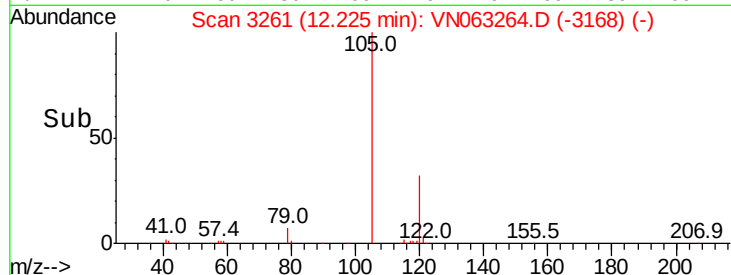
100000

50000

0

Time-->

12.20 12.30



#74

N-amyl acetate

Concen: 20.204 ug/l

RT: 12.05 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Tgt Ion: 43 Resp: 130634

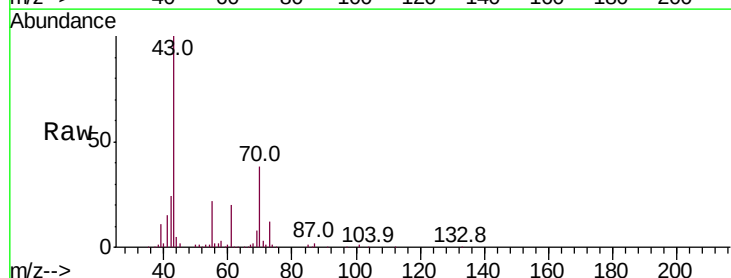
Ion Ratio Lower Upper

43 100

70 39.0 32.1 48.1

55 22.6 17.4 26.0

61 21.5 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

120000

100000

80000

60000

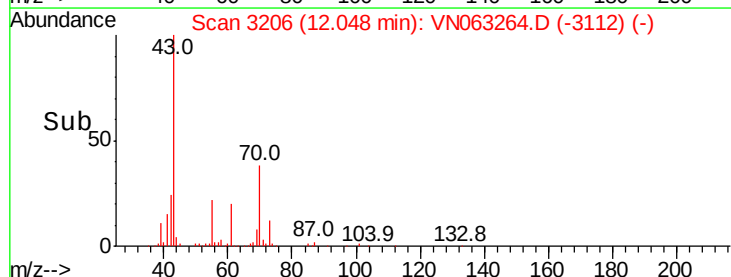
40000

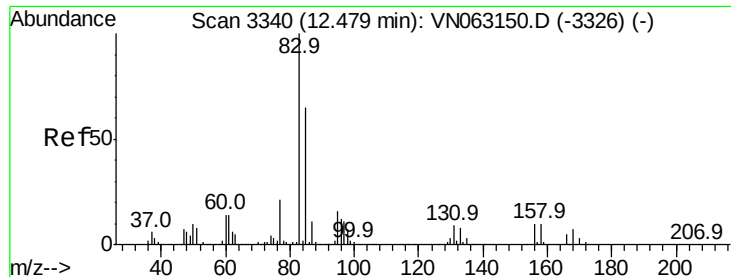
20000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 21.986 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD02

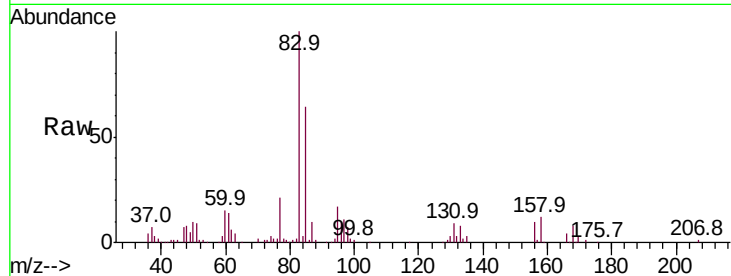
Tot Ion: 83 Resp: 98944

Ion Ratio Lower Upper

83 100

131 9.4 4.7 14.0

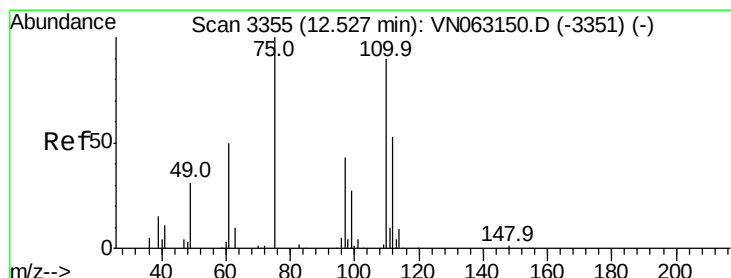
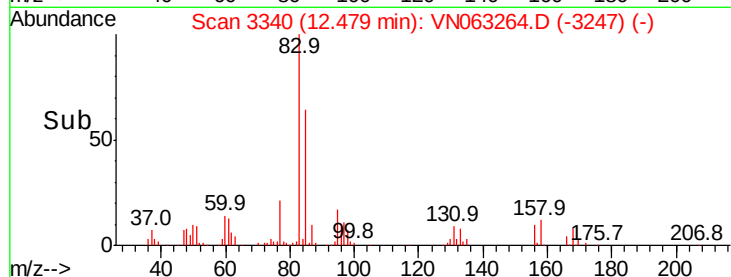
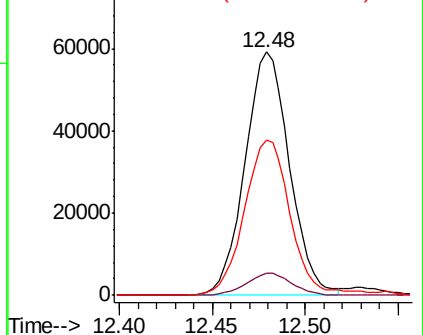
85 66.3 32.7 98.1



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



#76

1,2,3-Trichloropropane

Concen: 31.307 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063264.D

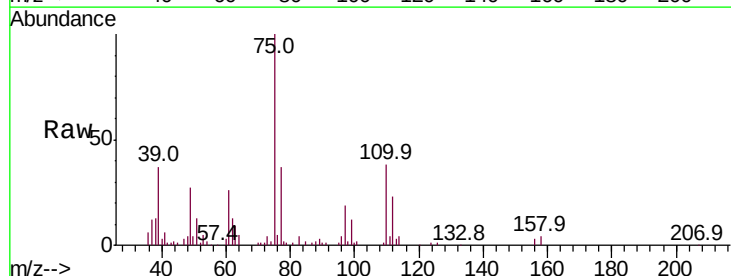
Acq: 5 Sep 2020 3:12

Tgt Ion: 75 Resp: 125189

Ion Ratio Lower Upper

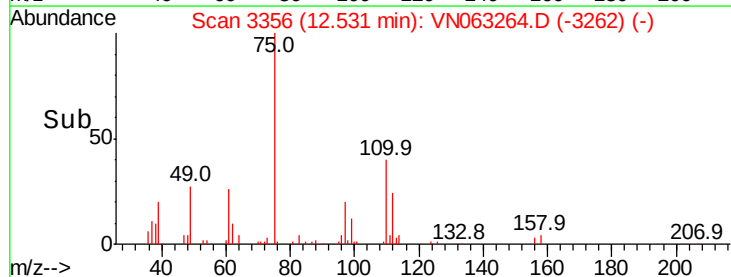
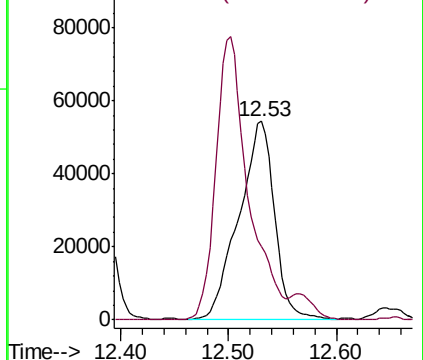
75 100

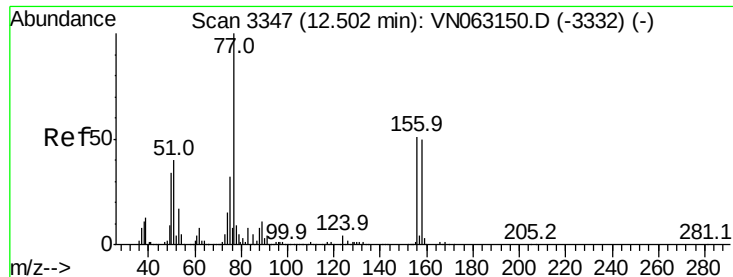
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.283 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampled :

VN0904WBSD02

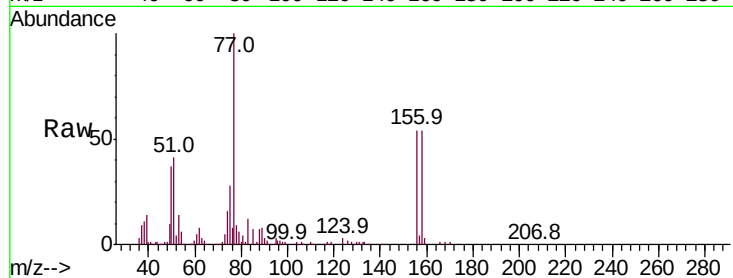
Tot Ion:156 Resp: 71607

Ion Ratio Lower Upper

156 100

77 226.5 116.1 348.3

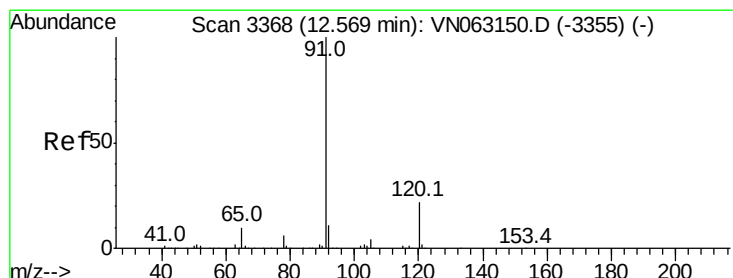
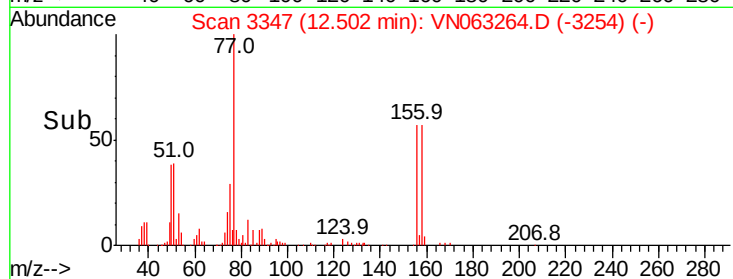
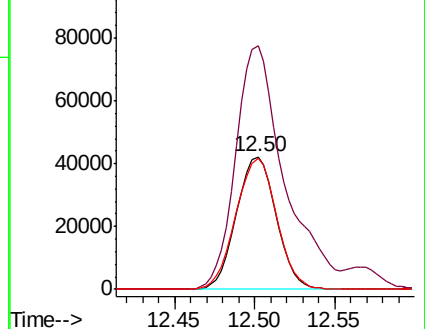
158 101.6 48.8 146.4



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: 16.581 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063264.D

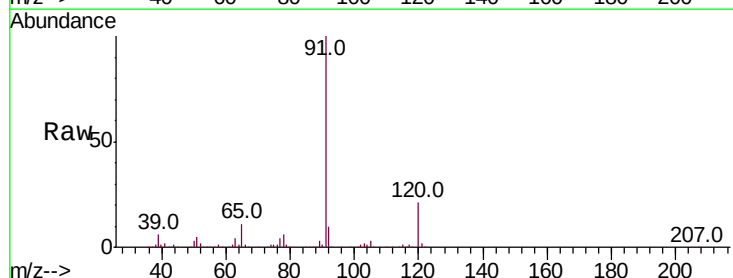
Acq: 5 Sep 2020 3:12

Tgt Ion: 91 Resp: 299513

Ion Ratio Lower Upper

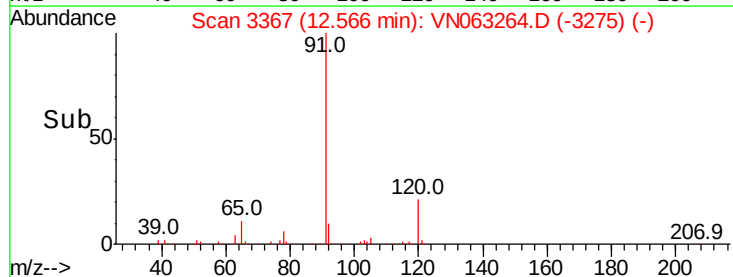
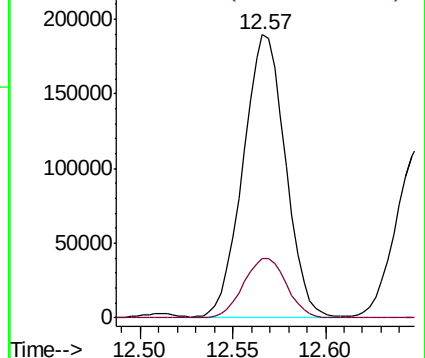
91 100

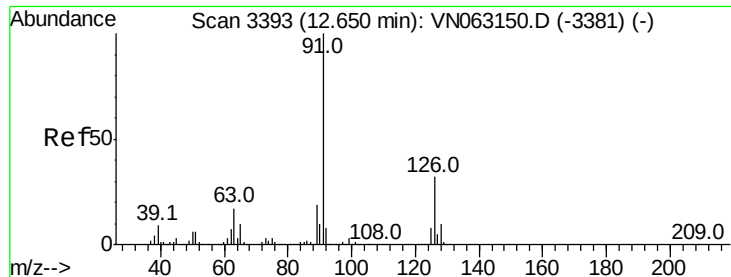
120 21.7 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

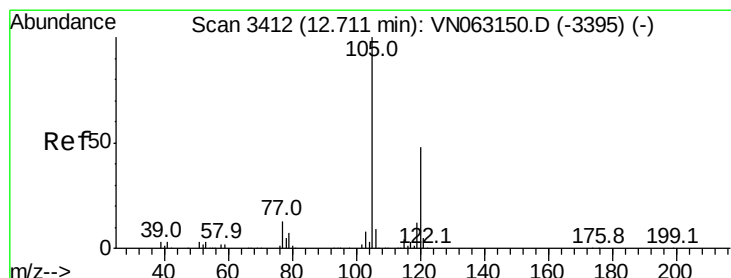
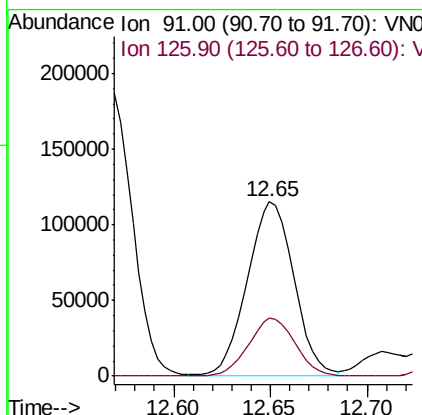
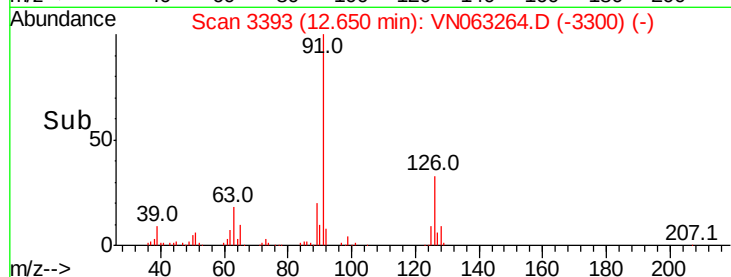
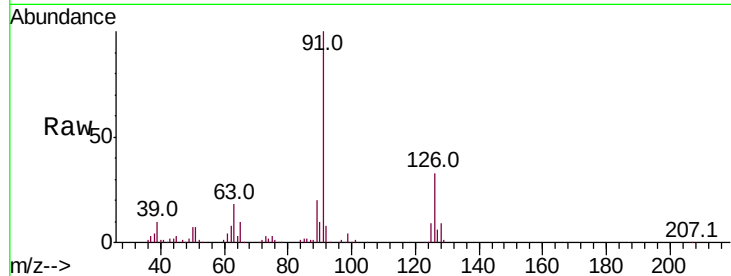




#79
 2-Chlorotoluene
 Concen: 17.745 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

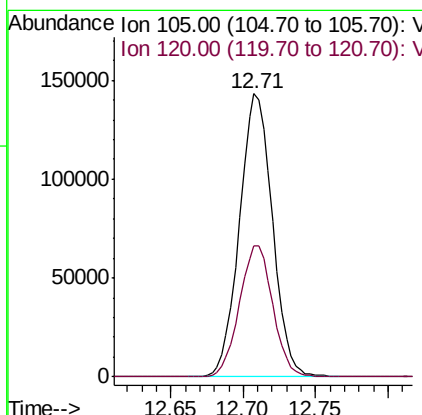
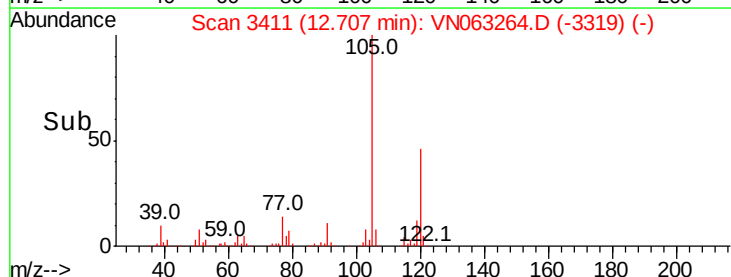
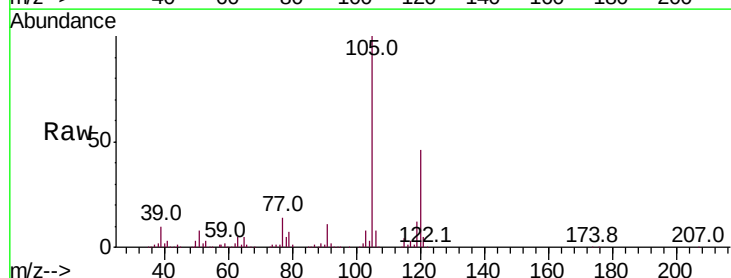
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD02

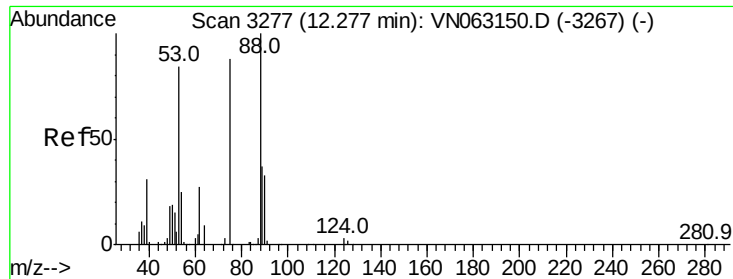
Tot Ion: 91 Resp: 191980
 Ion Ratio Lower Upper
 91 100
 126 33.7 16.1 48.3



#80
 1,3,5-Trimethylbenzene
 Concen: 17.350 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Tgt Ion: 105 Resp: 225426
 Ion Ratio Lower Upper
 105 100
 120 47.2 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 15.771 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD02

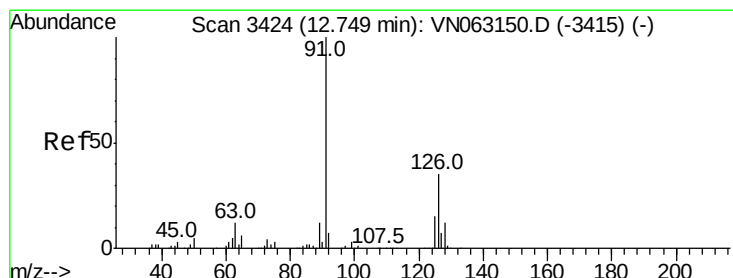
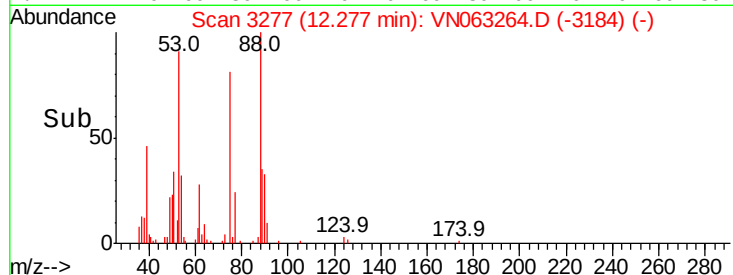
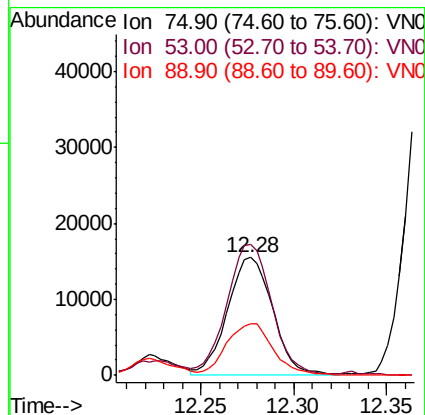
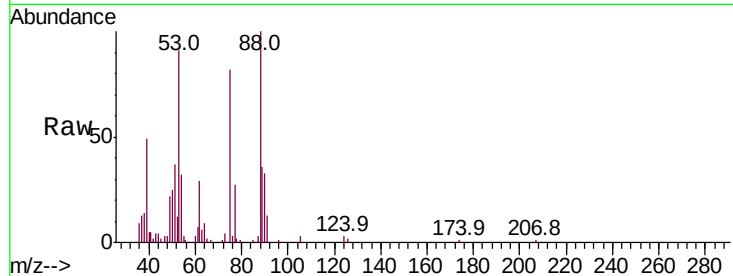
Tot Ion: 75 Resp: 26093

Ion Ratio Lower Upper

75 100

53 109.6 78.7 118.1

89 45.7 35.3 52.9



#82

4-Chlorotoluene

Concen: 18.168 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063264.D

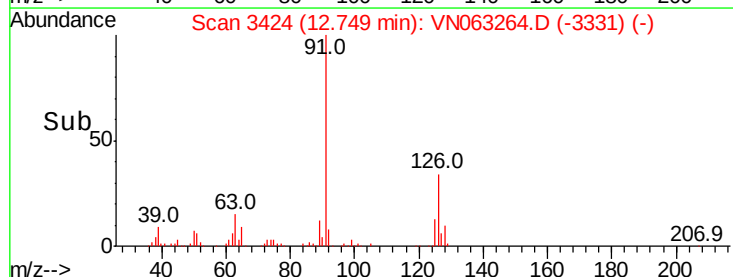
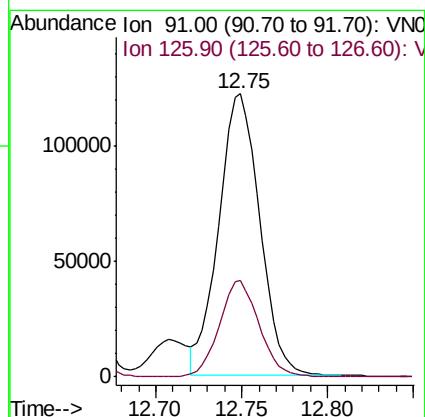
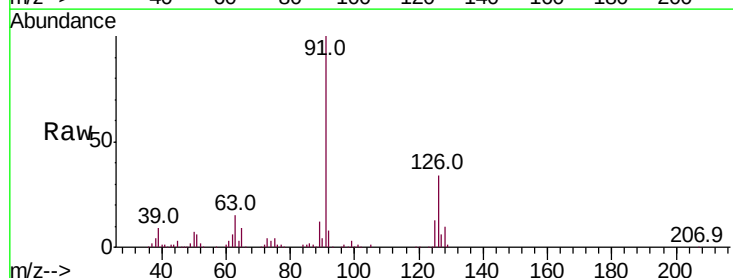
Acq: 5 Sep 2020 3:12

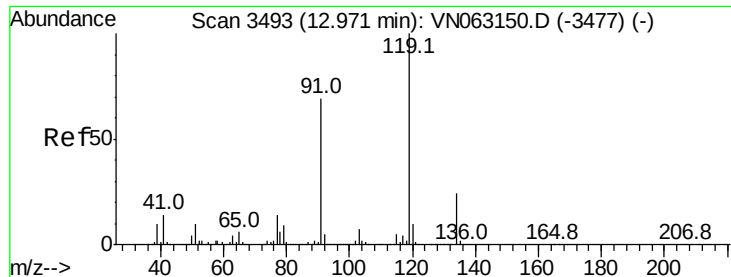
Tgt Ion: 91 Resp: 203849

Ion Ratio Lower Upper

91 100

126 33.2 16.2 48.5

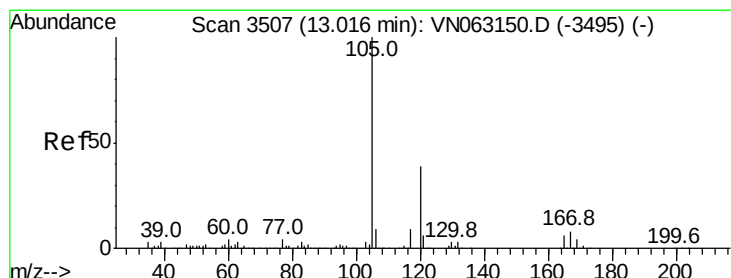
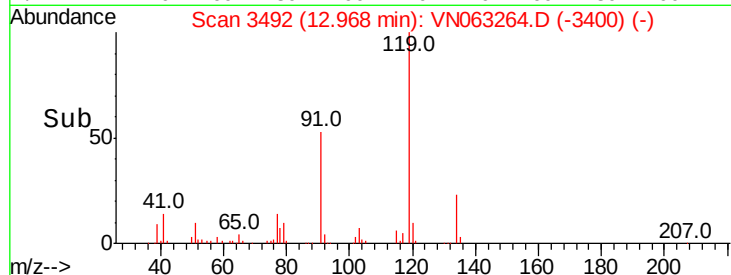
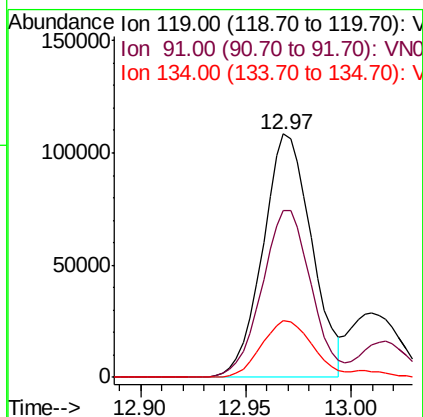
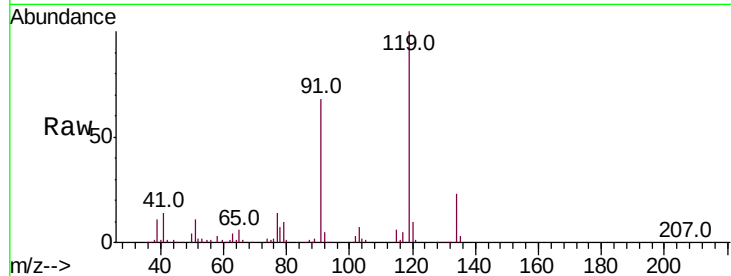




#83
 tert-Butylbenzene
 Concen: 15.687 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

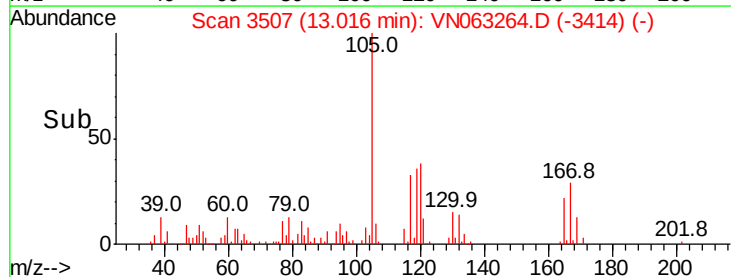
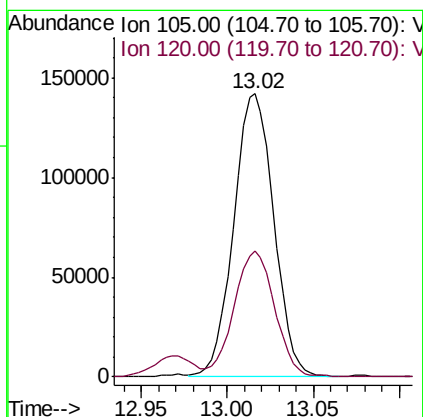
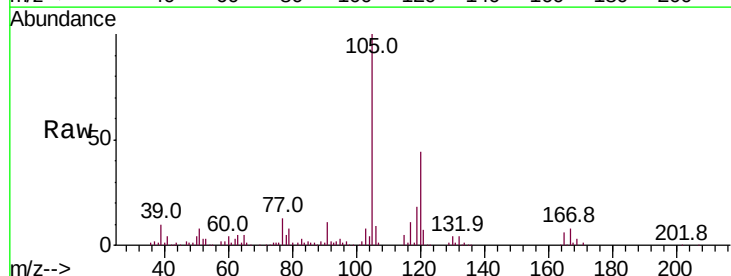
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD02

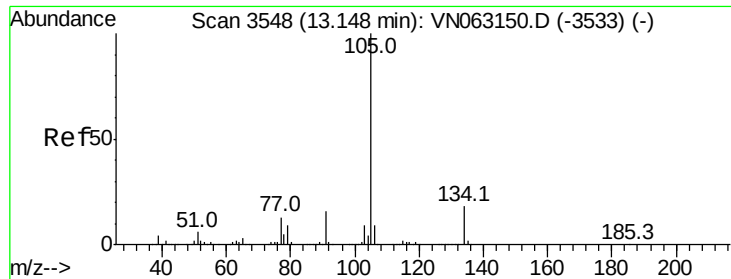
Tot Ion	Ratio	Lower	Upper
119	100		
91	69.1	33.7	101.0
134	24.3	12.0	36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 17.484 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.6	67.7

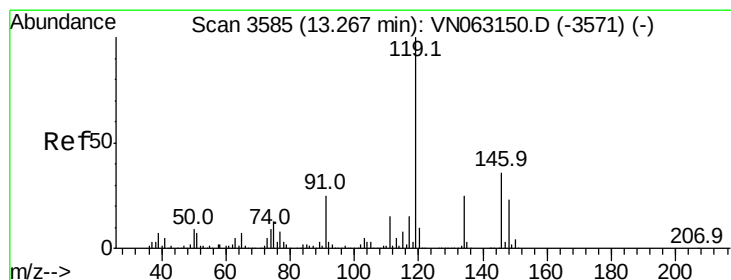
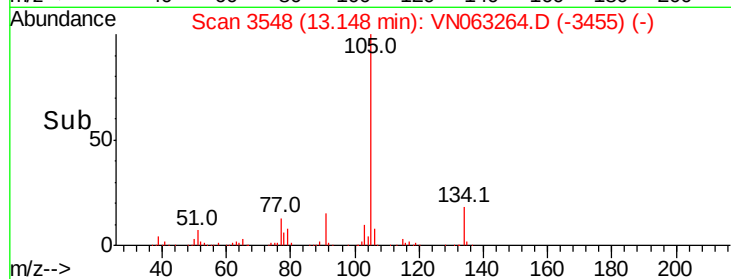
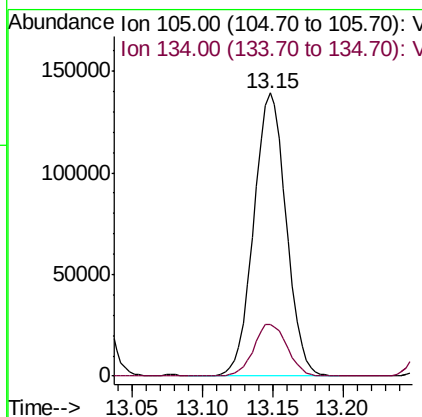
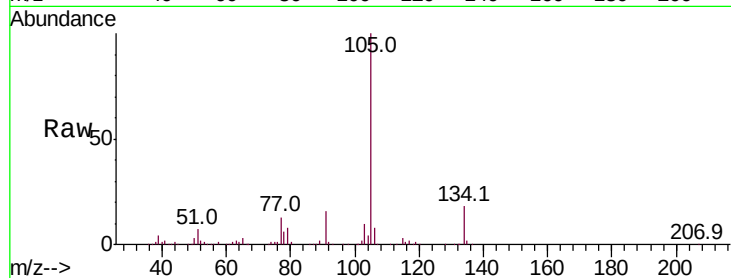




#85
 sec-Butylbenzene
 Concen: 15.341 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

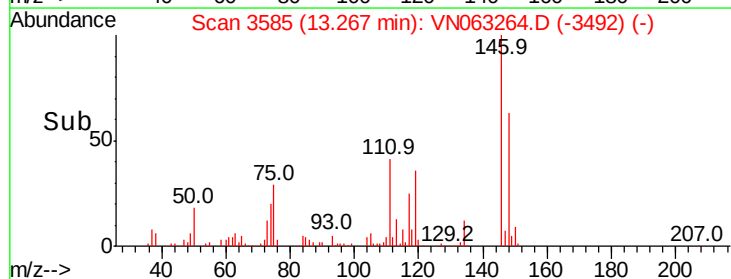
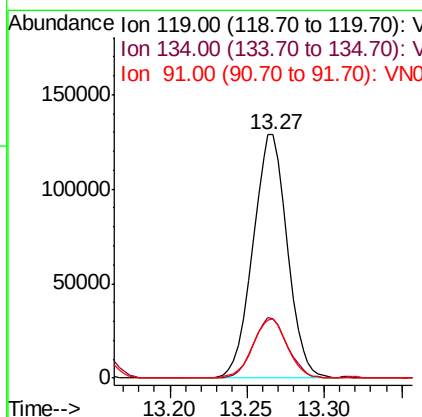
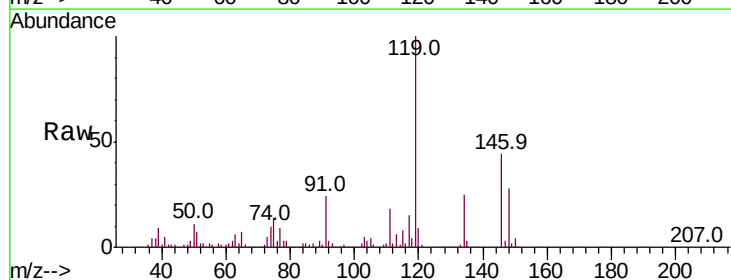
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD02

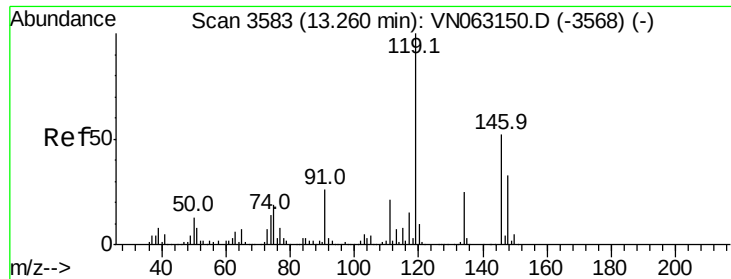
Tot Ion:105 Resp: 222797
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.4 28.3



#86
 p-Isopropyltoluene
 Concen: 15.497 ug/l
 RT: 13.27 min Scan# 3585
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Tgt Ion:119 Resp: 199811
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.4 37.4
 91 24.5 12.2 36.6





#87

1,3-Dichlorobenzene

Concen: 18.960 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. 0.00 min

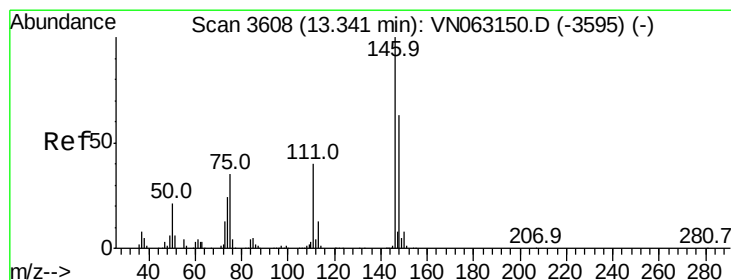
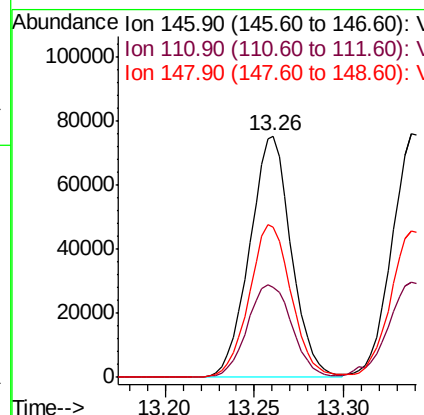
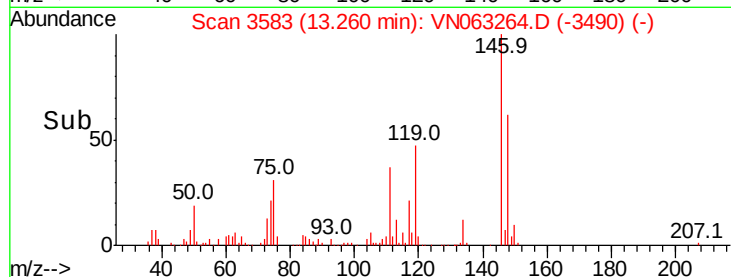
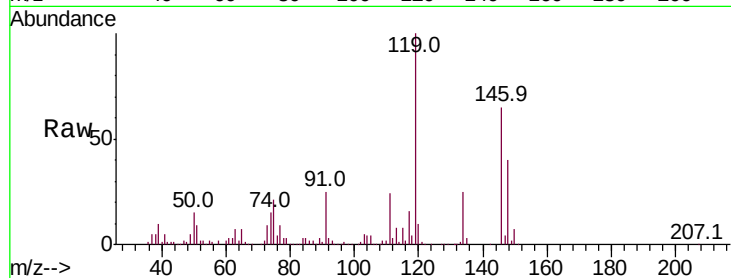
Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :
MSVOA_N
ClientSampleId :
VN0904WBSD02

Tot Ion:146 Resp: 122963

Ion	Ratio	Lower	Upper
146	100		
111	41.2	21.3	63.7
148	63.9	31.9	95.9



#88

1,4-Dichlorobenzene

Concen: 18.546 ug/l

RT: 13.34 min Scan# 3607

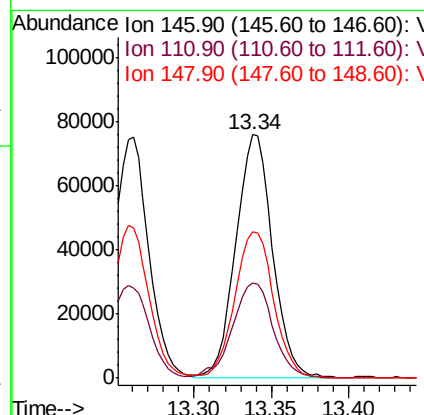
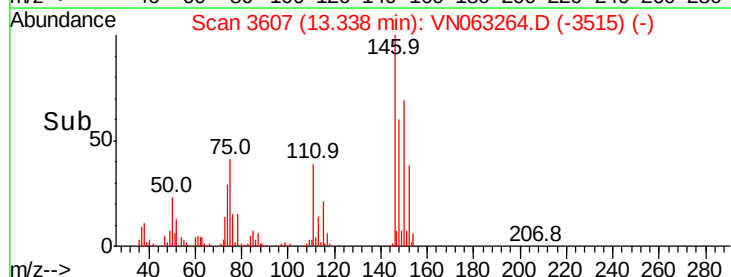
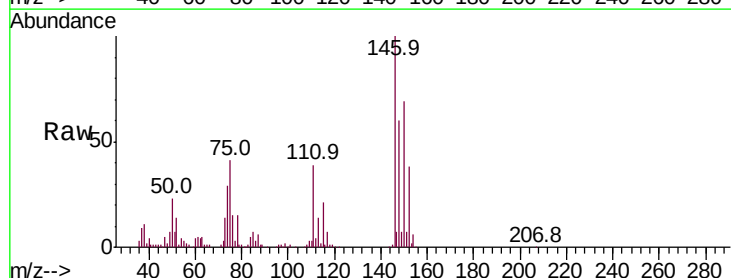
Delta R.T. -0.00 min

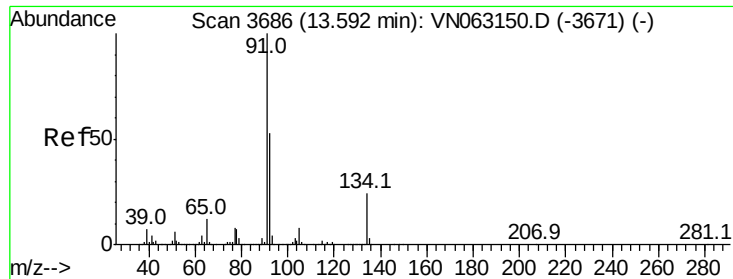
Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Tgt Ion:146 Resp: 124540

Ion	Ratio	Lower	Upper
146	100		
111	43.7	20.5	61.5
148	63.5	31.9	95.7





#89

n-Butylbenzene

Concen: 13.665 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleID :

VN0904WBSD02

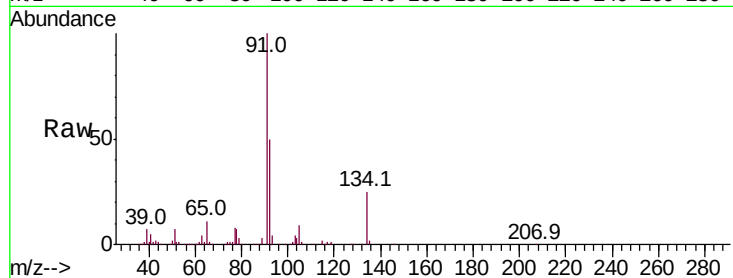
Tot Ion: 91 Resp: 162774

Ion Ratio Lower Upper

91 100

92 51.6 26.3 78.8

134 23.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN063150.D (-3671) (-)

Ion 92.00 (91.70 to 92.70): VN063150.D (-3671) (-)

Ion 134.00 (133.70 to 134.70): VN063150.D (-3671) (-)

13.59

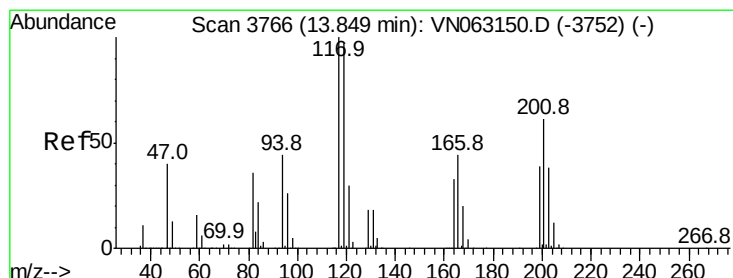
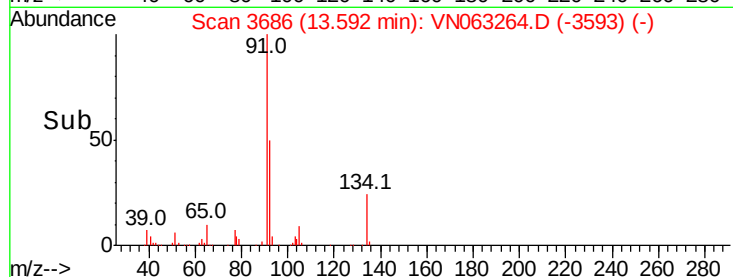
100000

50000

0

13.55 13.60 13.65

Time-->



#90

Hexachloroethane

Concen: 14.080 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN063264.D

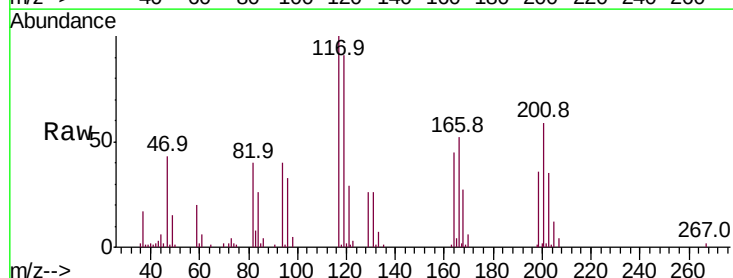
Acq: 5 Sep 2020 3:12

Tgt Ion: 117 Resp: 33607

Ion Ratio Lower Upper

117 100

201 60.9 30.6 92.0



Abundance Ion 116.80 (116.50 to 117.50): VN063150.D (-3752) (-)

Ion 200.70 (200.40 to 201.40): VN063150.D (-3752) (-)

13.85

20000

15000

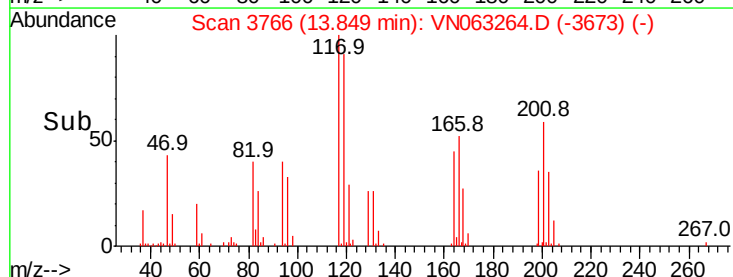
10000

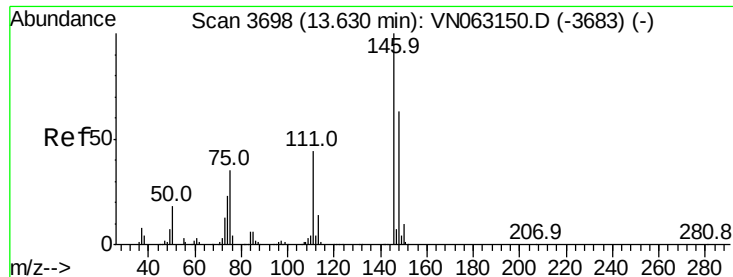
5000

0

13.80 13.85 13.90

Time-->





#91

1,2-Dichlorobenzene

Concen: 20.752 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampled :

VN0904WBSD02

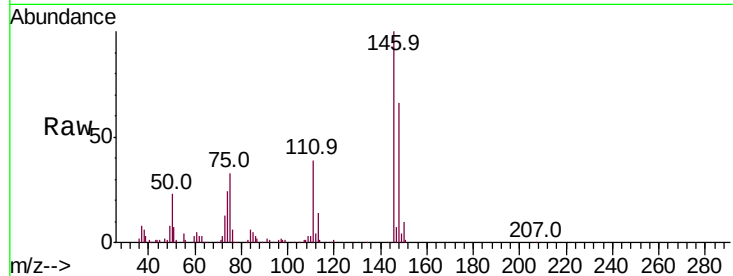
Tot Ion:146 Resp: 130604

Ion Ratio Lower Upper

146 100

111 41.1 22.0 66.0

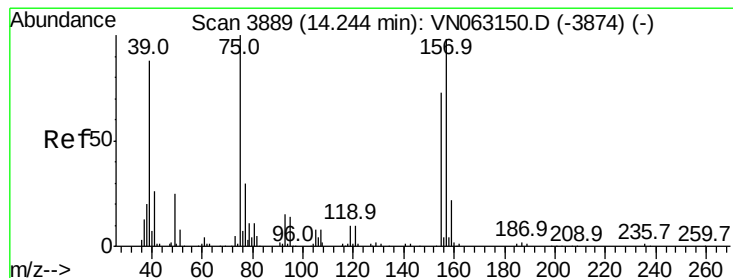
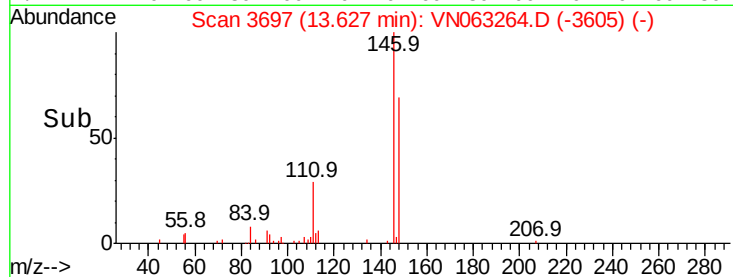
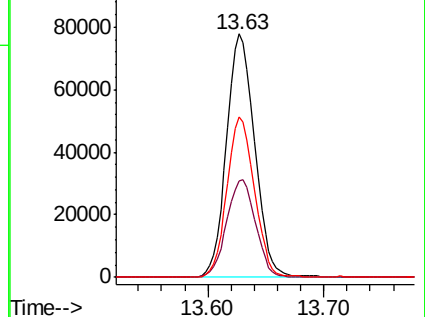
148 64.0 31.6 95.0



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: 19.190 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

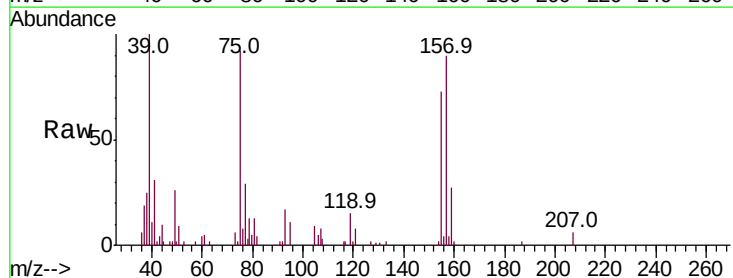
Tgt Ion: 75 Resp: 18987

Ion Ratio Lower Upper

75 100

155 76.1 36.1 108.5

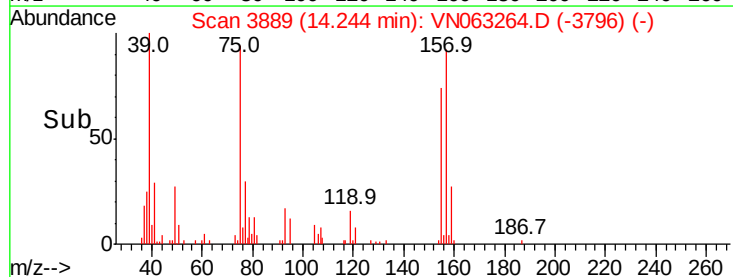
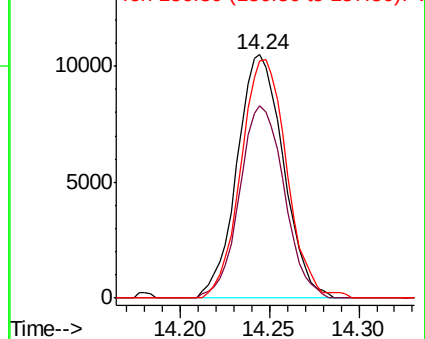
157 97.3 48.4 145.0

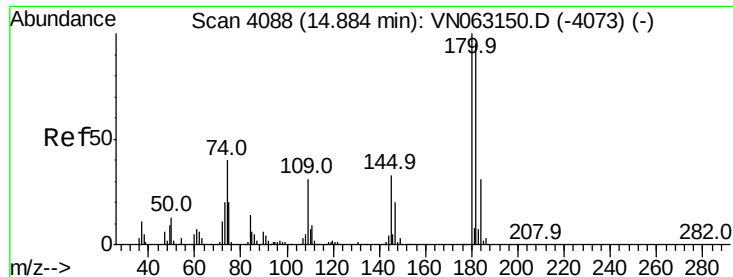


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

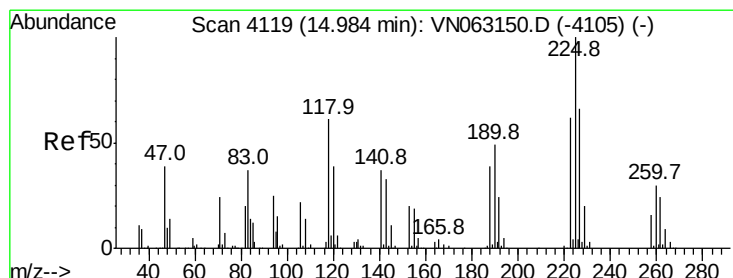
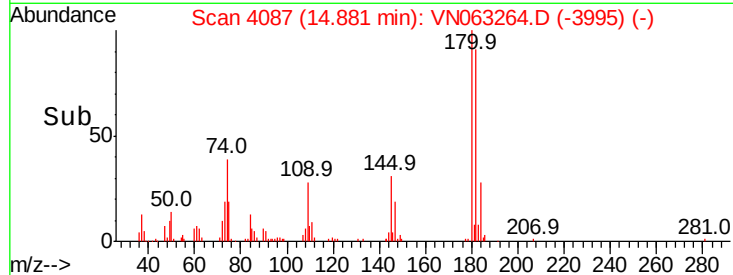
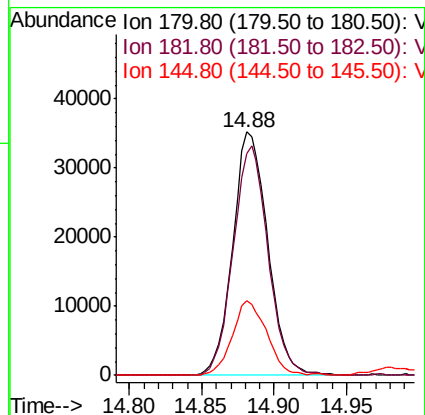
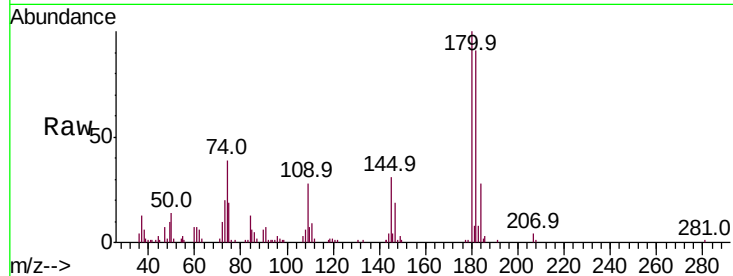




#93
 1,2,4-Trichlorobenzene
 Concen: 16.781 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

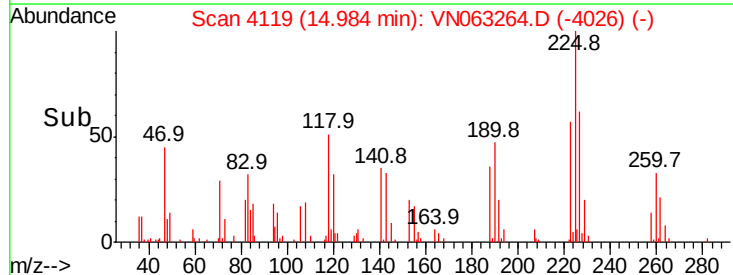
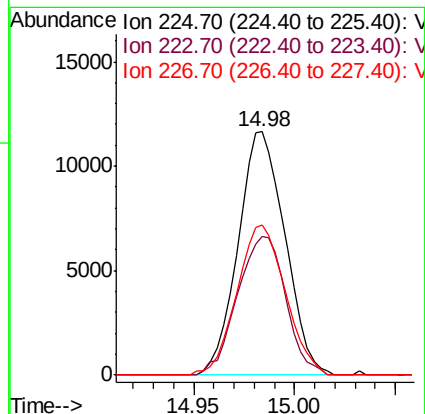
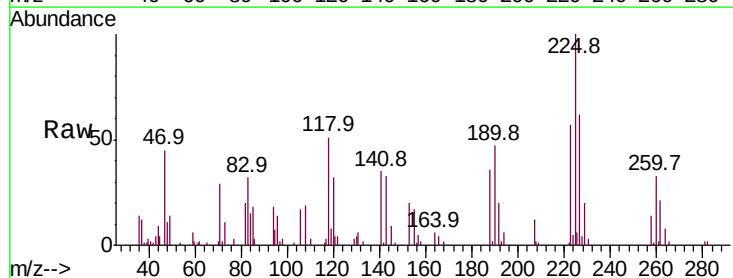
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0904WBSD02

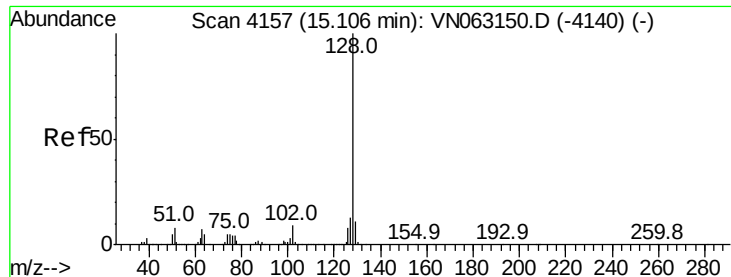
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.5	142.5
145	29.9	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 14.456 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063264.D
 Acq: 5 Sep 2020 3:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.5	30.9	92.7
227	63.5	32.9	98.7





#95

Naphthalene

Concen: 19.546 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

Instrument :

MSVOA_N

ClientSampleId :

VN0904WBSD02

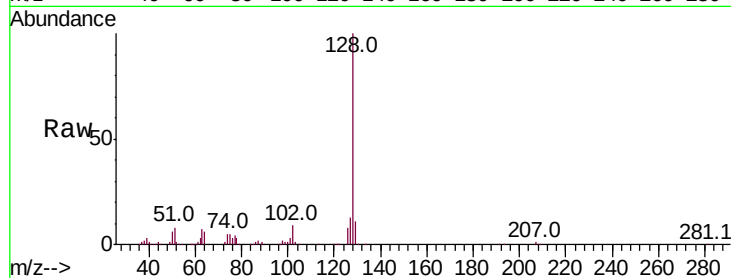
Tot Ion:128 Resp: 229295

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

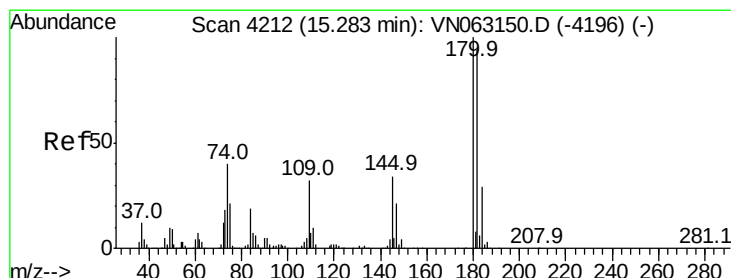
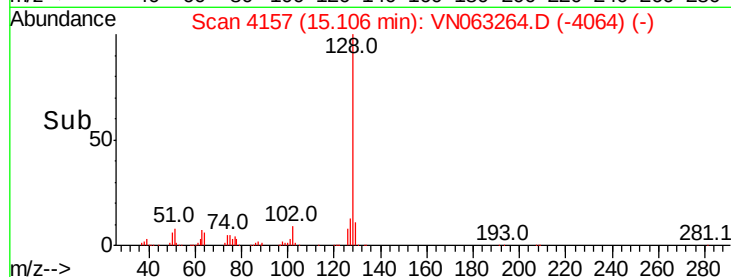
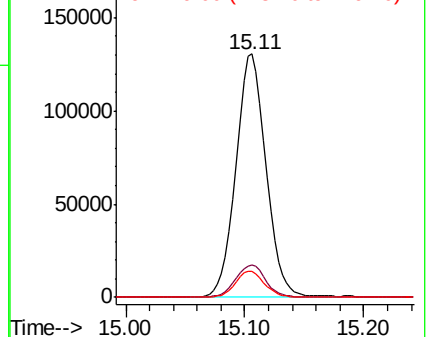
129 10.5 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.759 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN063264.D

Acq: 5 Sep 2020 3:12

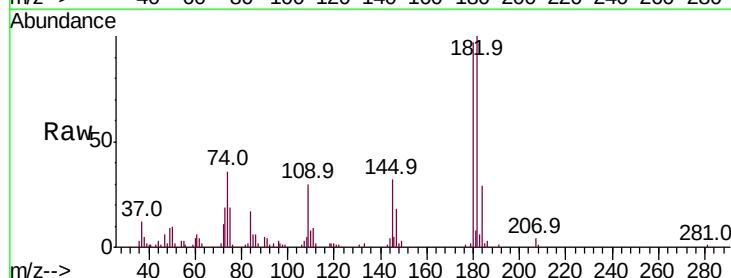
Tgt Ion:180 Resp: 60836

Ion Ratio Lower Upper

180 100

182 94.7 47.5 142.5

145 32.7 17.3 52.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

