

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101220\
 Data File : VN064080.D
 Acq On : 12 Oct 2020 16:11
 Operator : JC/MD
 Sample : VN1012WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS01

Quant Time: Oct 13 01:08:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	245978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	408592	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	386920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	174627	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	199052	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
35) Dibromofluoromethane	7.55	113	142423	50.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	10.06	98	522010	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
62) 4-Bromofluorobenzene	12.38	95	187923	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	40527	15.614	ug/l	99
3) Chloromethane	2.04	50	53725	17.641	ug/l	98
4) Vinyl Chloride	2.16	62	52582	17.201	ug/l	96
5) Bromomethane	2.53	94	34676	18.034	ug/l	99
6) Chloroethane	2.67	64	34672	18.981	ug/l	97
7) Trichlorofluoromethane	2.98	101	84928	17.517	ug/l	97
8) Diethyl Ether	3.38	74	31756	19.367	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	45335	17.495	ug/l	98
10) Methyl Iodide	3.91	142	52564	17.470	ug/l	99
11) Tert butyl alcohol	4.73	59	55751	124.264	ug/l #	87
12) 1,1-Dichloroethene	3.70	96	43651	17.623	ug/l	97
13) Acrolein	3.57	56	26106	94.808	ug/l	97
14) Allyl chloride	4.28	41	95362	20.723	ug/l	88
15) Acrylonitrile	4.93	53	146971	114.443	ug/l	98
16) Acetone	3.78	43	152464	121.879	ug/l	95
17) Carbon Disulfide	4.01	76	116054	17.793	ug/l	100
18) Methyl Acetate	4.28	43	80184	24.688	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	173393	19.268	ug/l	94
20) Methylene Chloride	4.51	84	57556	20.146	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	49096	17.696	ug/l	97
22) Diisopropyl ether	5.90	45	202386	21.376	ug/l	94
23) Vinyl Acetate	5.85	43	801104	102.147	ug/l	99
24) 1,1-Dichloroethane	5.80	63	106753	19.720	ug/l	98
25) 2-Butanone	6.79	43	218826	123.384	ug/l	99
26) 2,2-Dichloropropane	6.78	77	88710	17.894	ug/l	95
27) cis-1,2-Dichloroethene	6.79	96	60244	18.880	ug/l	98
28) Bromochloromethane	7.15	49	54411	20.336	ug/l	93
29) Tetrahydrofuran	7.17	42	142339	119.663	ug/l	95
30) Chloroform	7.33	83	109381	19.379	ug/l	94
31) Cyclohexane	7.61	56	83640	17.729	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	97722	19.195	ug/l	97
36) 1,1-Dichloropropene	7.75	75	72823	17.592	ug/l	99
37) Ethyl Acetate	6.88	43	88982	21.637	ug/l	98
38) Carbon Tetrachloride	7.73	117	84692	18.246	ug/l	91

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 VN1012WBS01

Quant Time: Oct 13 01:08:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	65425	15.849	ug/l	97
40) Benzene	8.00	78	223380	18.893	ug/l	100
41) Methacrylonitrile	7.17	41	133881	73.247	ug/l #	23
42) 1,2-Dichloroethane	8.09	62	95212	18.865	ug/l	99
43) Isopropyl Acetate	8.13	43	142678	21.033	ug/l	99
44) Trichloroethene	8.80	130	54215	17.501	ug/l	99
45) 1,2-Dichloropropane	9.09	63	61591	19.289	ug/l	98
46) Dibromomethane	9.17	93	41730	18.944	ug/l	99
47) Bromodichloromethane	9.37	83	86126	18.972	ug/l	97
48) Methyl methacrylate	9.17	41	71262	21.263	ug/l	92
49) 1,4-Dioxane	9.17	88	21383	448.920	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	459682	115.472	ug/l	100
52) Toluene	10.12	92	139305	19.049	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	92132	18.933	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	97957	19.248	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	57216	19.509	ug/l	98
56) Ethyl methacrylate	10.40	69	80002	19.245	ug/l	94
57) 1,3-Dichloropropane	10.68	76	98333	19.818	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	227647	102.373	ug/l	98
59) 2-Hexanone	10.72	43	329058	111.272	ug/l	100
60) Dibromochloromethane	10.87	129	61826	18.102	ug/l	100
61) 1,2-Dibromoethane	10.98	107	58439	19.479	ug/l	100
64) Tetrachloroethene	10.60	164	48868	16.325	ug/l	95
65) Chlorobenzene	11.41	112	141581	17.838	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	59350	19.505	ug/l	100
67) Ethyl Benzene	11.49	91	253397	17.545	ug/l	100
68) m/p-Xylenes	11.60	106	188312	34.985	ug/l	98
69) o-Xylene	11.92	106	90144	17.918	ug/l	99
70) Styrene	11.94	104	151584	17.750	ug/l	98
71) Bromoform	12.10	173	43115	18.527	ug/l #	96
73) Isopropylbenzene	12.23	105	234633	18.421	ug/l	98
74) N-amyl acetate	12.05	43	111757	20.257	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	84394	21.668	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	115117	29.905	ug/l #	100
77) Bromobenzene	12.50	156	60079	19.223	ug/l	95
78) n-propylbenzene	12.57	91	272069	18.354	ug/l	99
79) 2-Chlorotoluene	12.65	91	172648	18.938	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	196704	18.408	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	27359	20.470	ug/l	97
82) 4-Chlorotoluene	12.75	91	178436	18.854	ug/l	99
83) tert-Butylbenzene	12.97	119	160786	18.395	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	192385	18.032	ug/l	97
85) sec-Butylbenzene	13.14	105	207438	18.069	ug/l	99
86) p-Isopropyltoluene	13.26	119	179829	17.706	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	105693	18.693	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	100735	17.111	ug/l	98
89) n-Butylbenzene	13.59	91	144674	15.434	ug/l	100
90) Hexachloroethane	13.85	117	36813	18.705	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	101286	18.086	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18663	20.432	ug/l	94

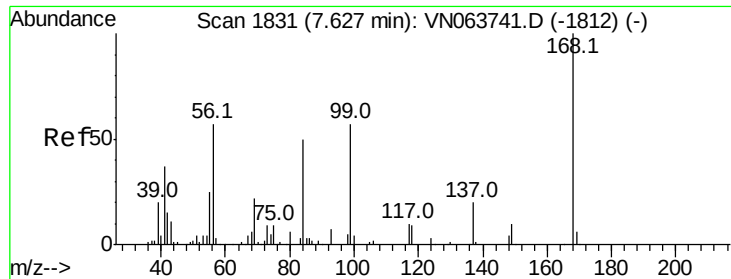
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101220\
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Sample : VN1012WBS01
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Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Quant Time: Oct 13 01:08:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	38684	13.998	ug/l	98
94) Hexachlorobutadiene	14.98	225	28610	18.883	ug/l	96
95) Naphthalene	15.10	128	120230	14.193	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	41493	15.176	ug/l	98

(#) = 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: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

ClientSampled :

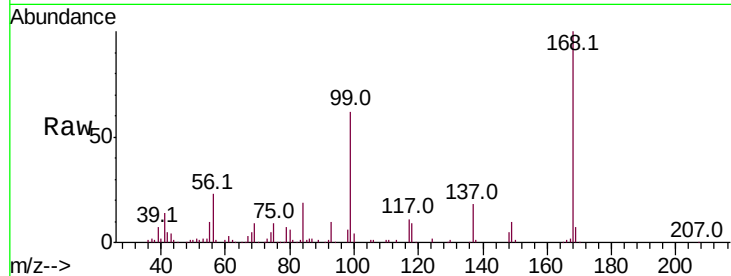
VN1012WBS01

Tot Ion:168 Resp: 245978

Ion Ratio Lower Upper

168 100

99 62.0 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

120000

100000

80000

60000

40000

20000

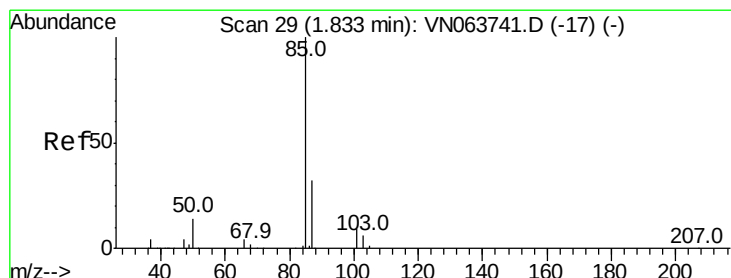
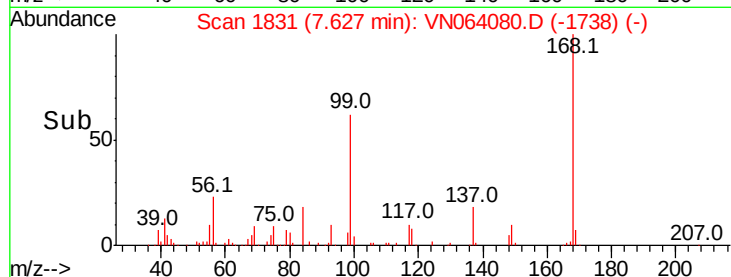
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 15.614 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN064080.D

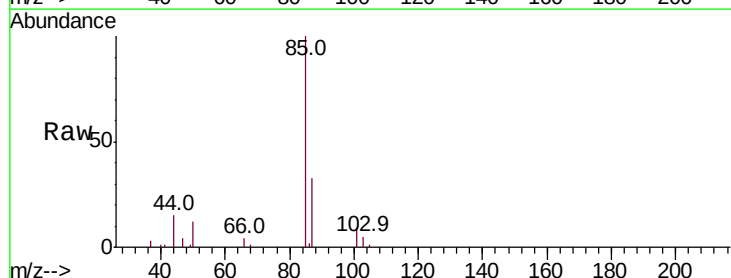
Acq: 12 Oct 2020 16:11

Tgt Ion: 85 Resp: 40527

Ion Ratio Lower Upper

85 100

87 32.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

30000

20000

10000

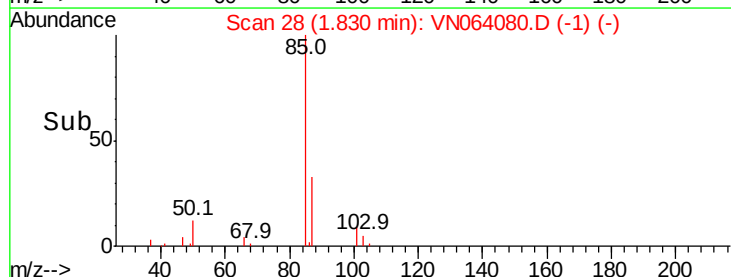
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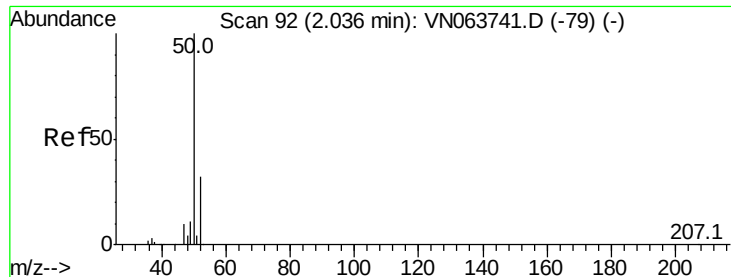
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 17.641 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

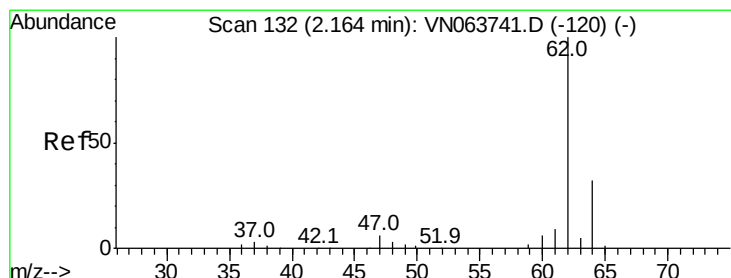
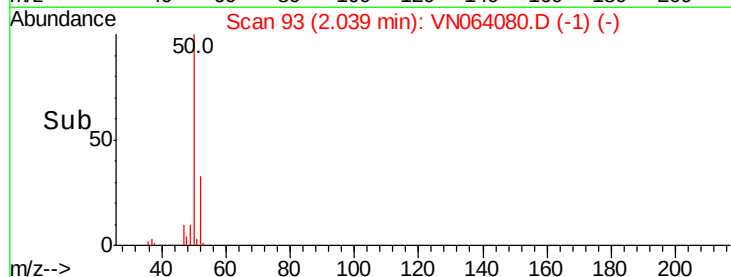
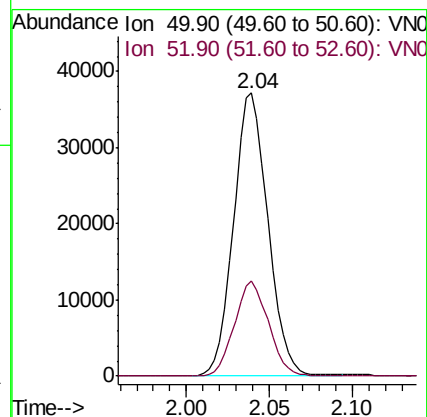
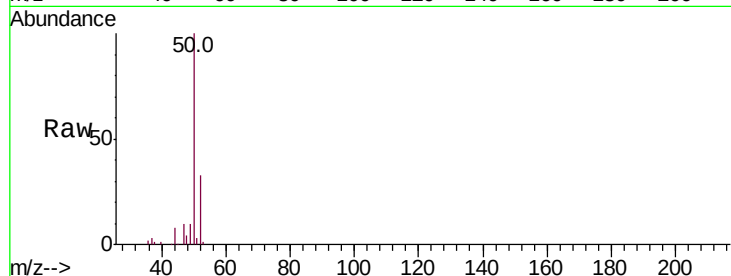
VN1012WBS01

Tot Ion: 50 Resp: 53725

Ion Ratio Lower Upper

50 100

52 33.4 25.8 38.8



#4

Vinyl Chloride

Concen: 17.201 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064080.D

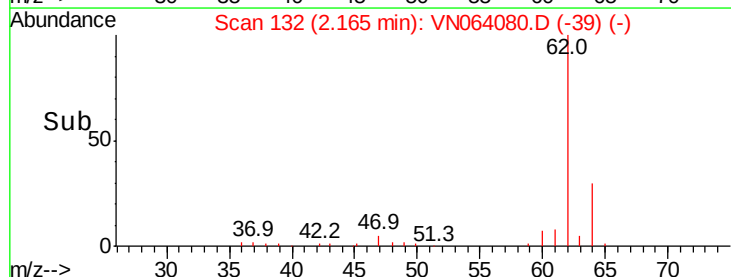
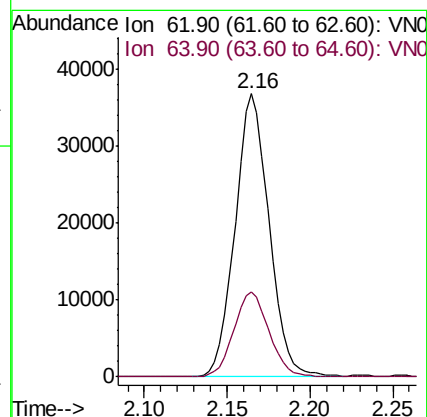
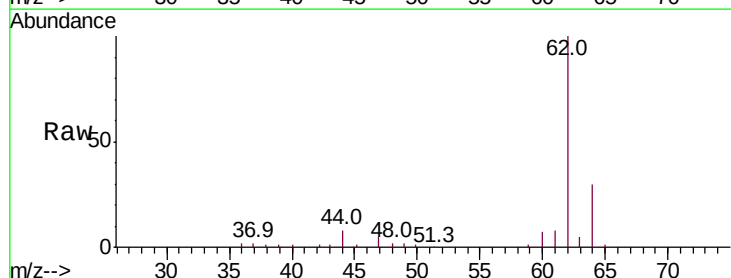
Acq: 12 Oct 2020 16:11

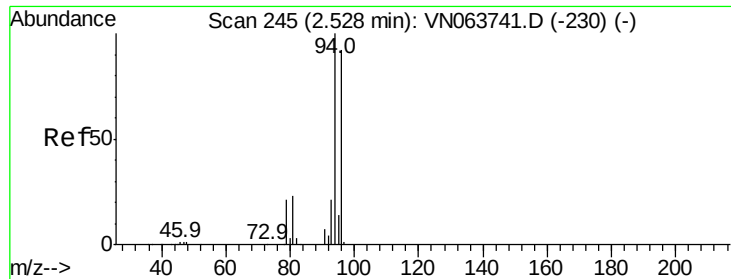
Tgt Ion: 62 Resp: 52582

Ion Ratio Lower Upper

62 100

64 29.9 25.6 38.4





#5

Bromomethane

Concen: 18.034 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

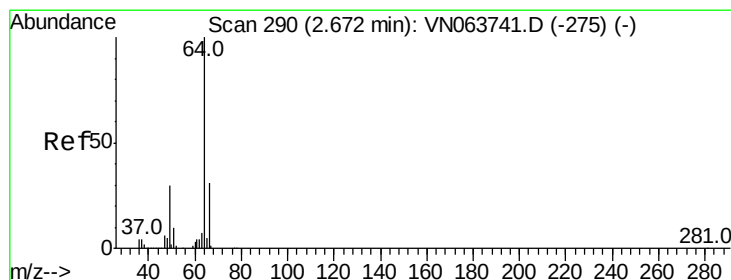
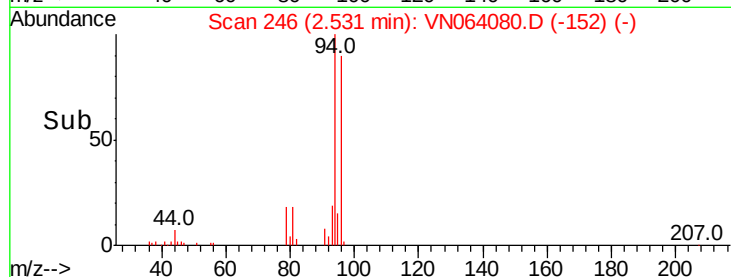
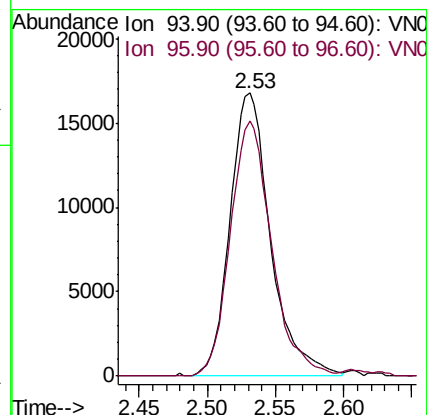
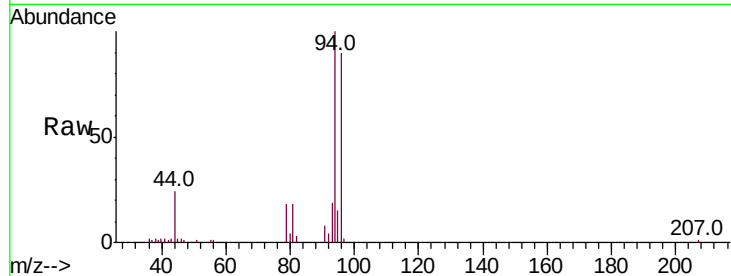
VN1012WBS01

Tot Ion: 94 Resp: 34676

Ion Ratio Lower Upper

94 100

96 90.2 73.3 109.9



#6

Chloroethane

Concen: 18.981 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN064080.D

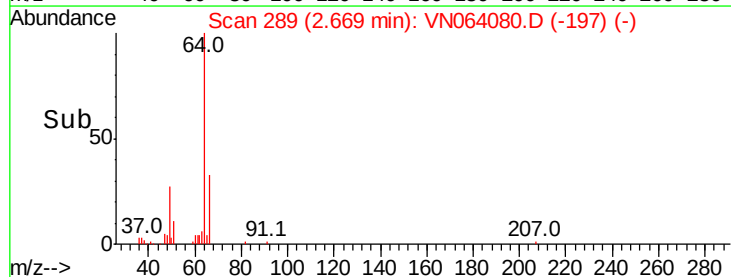
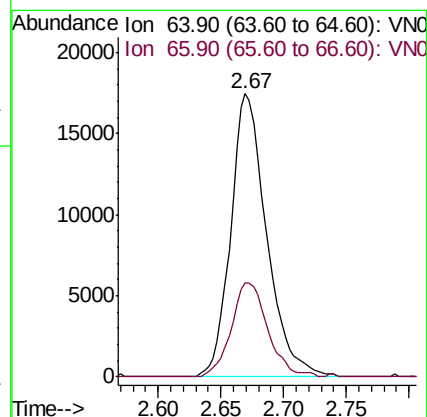
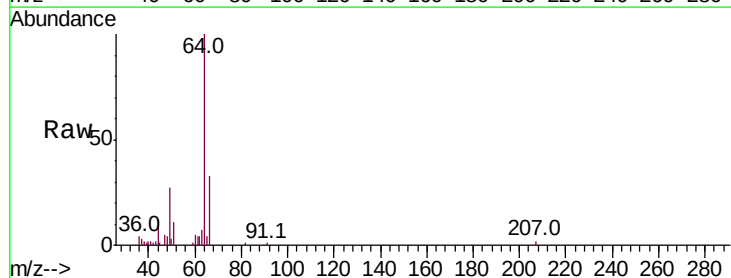
Acq: 12 Oct 2020 16:11

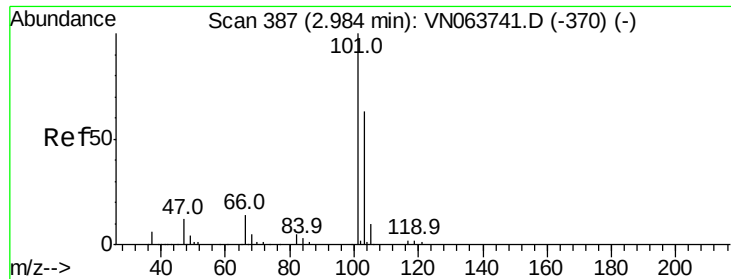
Tgt Ion: 64 Resp: 34672

Ion Ratio Lower Upper

64 100

66 33.1 25.1 37.7



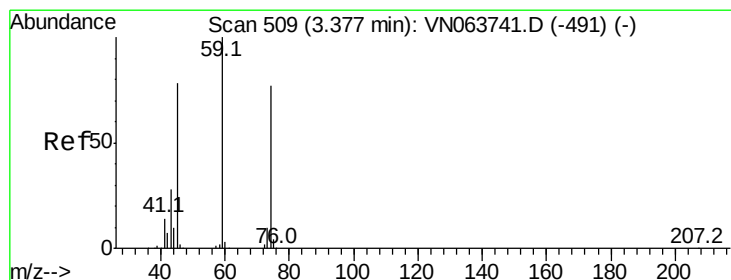
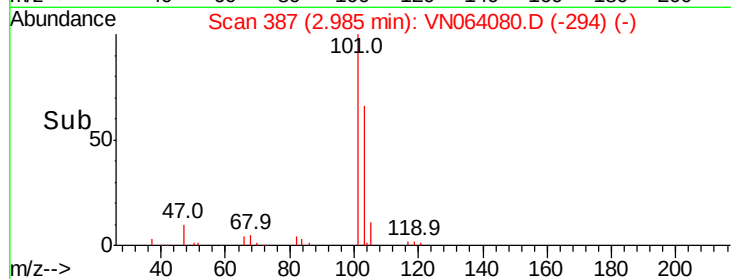
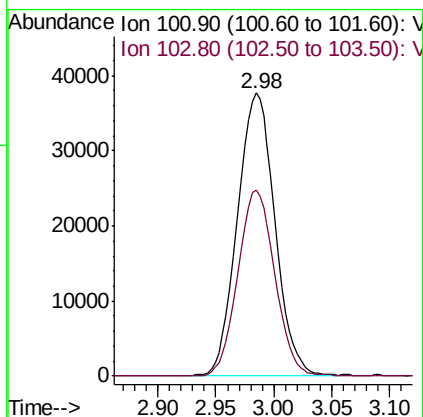
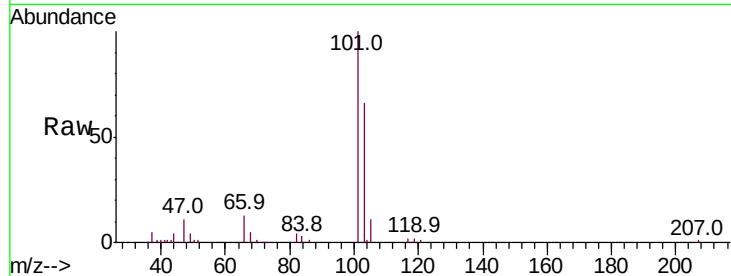


#7

Trichlorofluoromethane
 Concen: 17.517 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS01

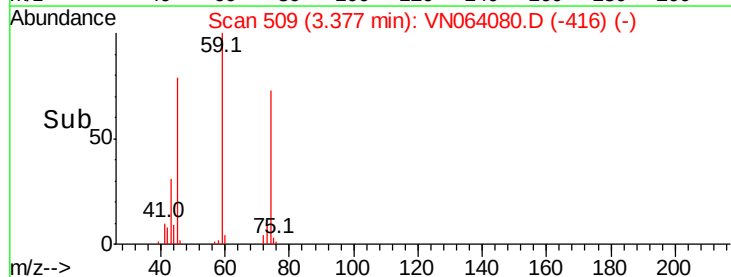
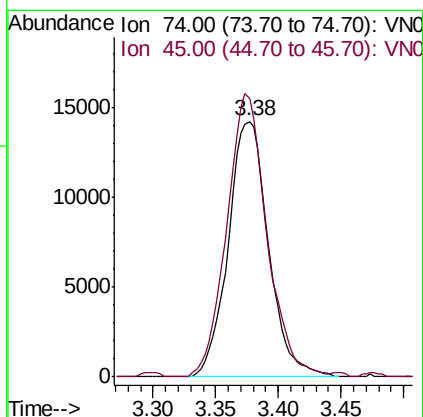
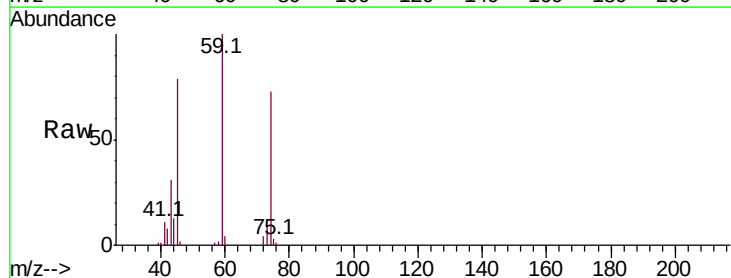
Tot Ion:101 Resp: 84928
 Ion Ratio Lower Upper
 101 100
 103 65.9 50.7 76.1

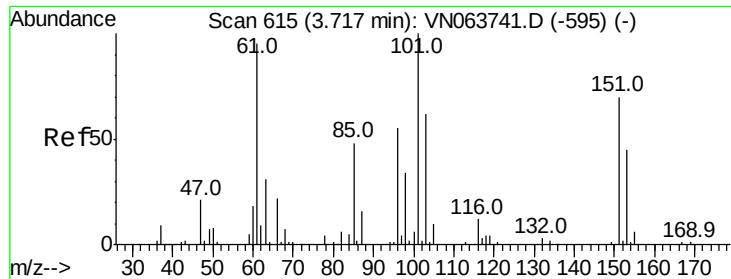


#8

Diethyl Ether
 Concen: 19.367 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Tgt Ion: 74 Resp: 31756
 Ion Ratio Lower Upper
 74 100
 45 110.4 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.495 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBS01

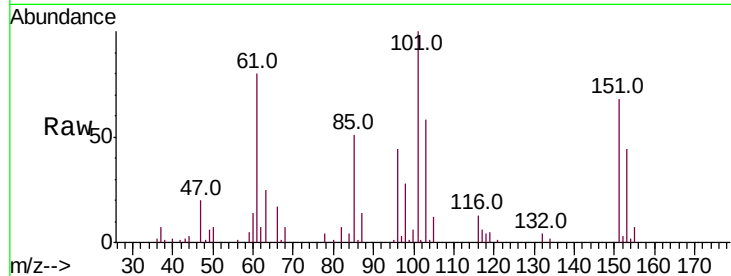
Tot Ion:101 Resp: 45335

Ion Ratio Lower Upper

101 100

85 48.8 38.6 58.0

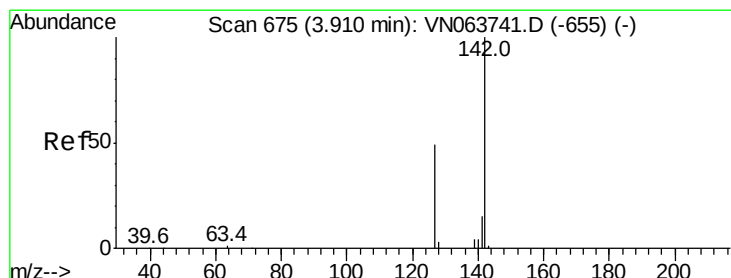
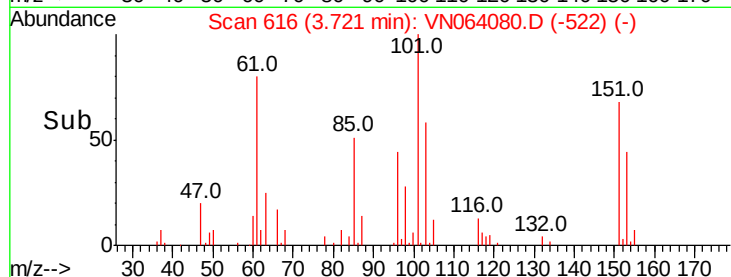
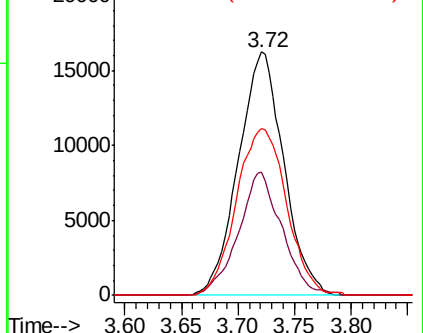
151 75.7 58.7 88.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.470 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

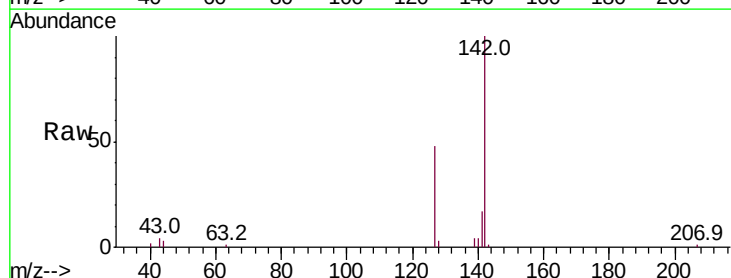
Tgt Ion:142 Resp: 52564

Ion Ratio Lower Upper

142 100

127 49.6 40.5 60.7

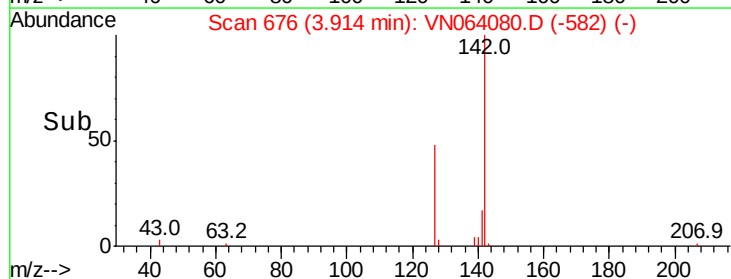
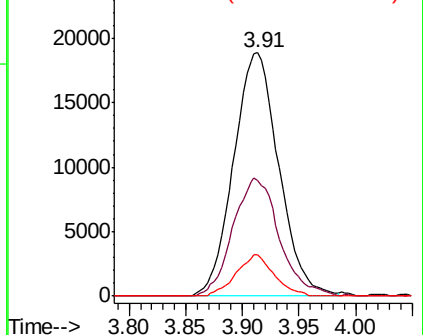
141 14.3 11.7 17.5

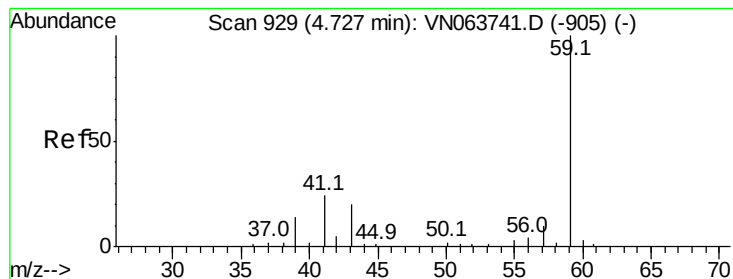


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



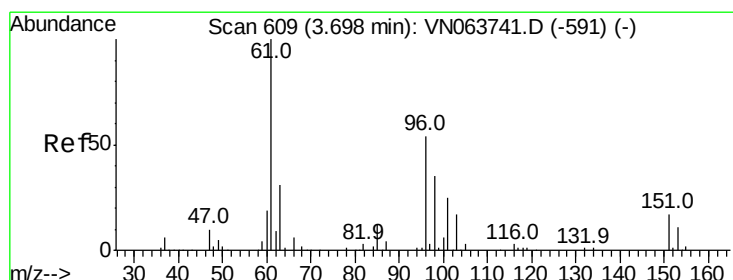
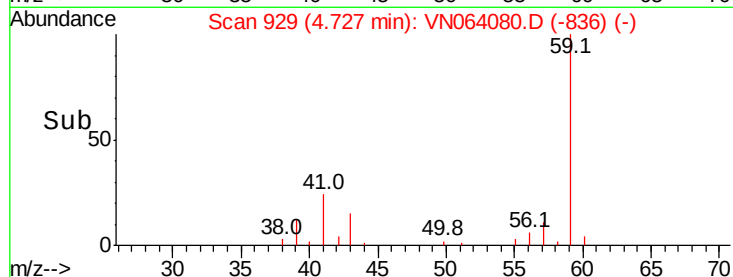
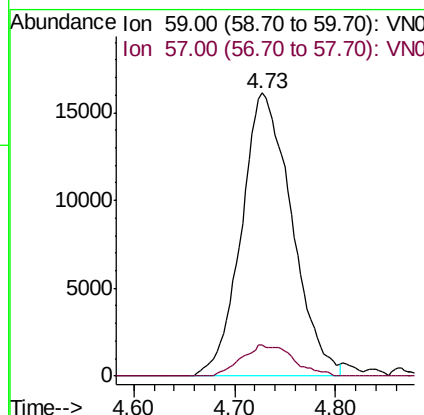
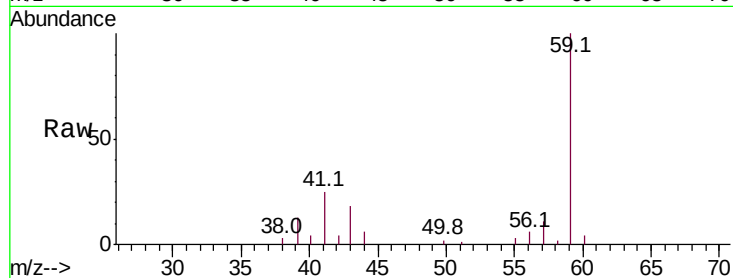


#11

Tert butyl alcohol
 Concen: 124.264 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS01

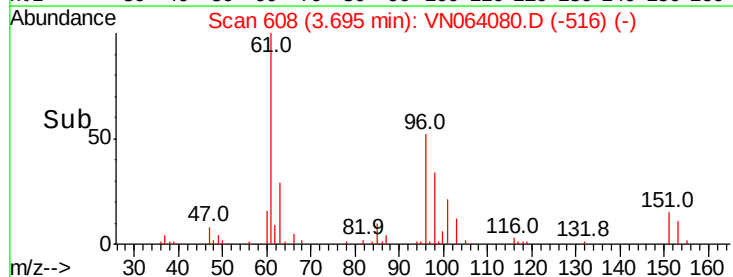
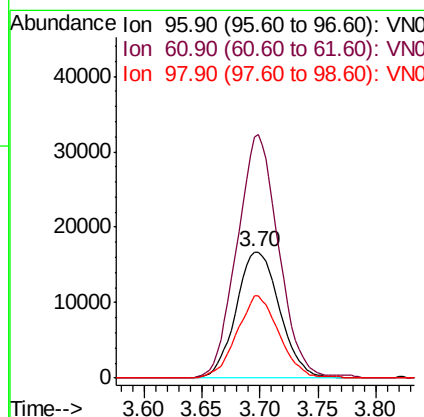
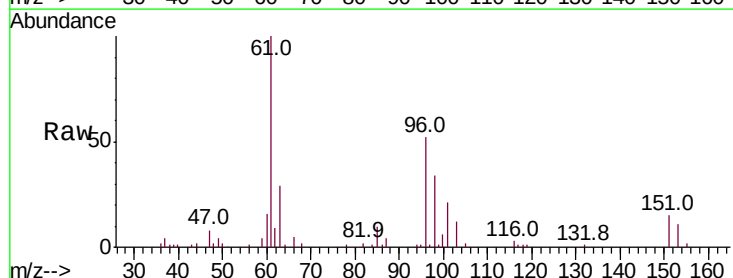
Tot Ion: 59 Resp: 55751
 Ion Ratio Lower Upper
 59 100
 57 6.0 8.7 13.1#

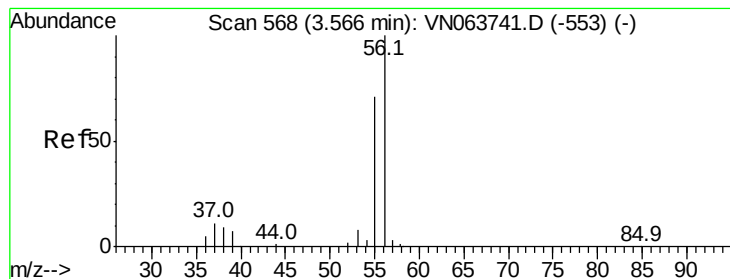


#12

1,1-Dichloroethene
 Concen: 17.623 ug/l
 RT: 3.70 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Tgt Ion: 96 Resp: 43651
 Ion Ratio Lower Upper
 96 100
 61 190.9 147.7 221.5
 98 65.4 51.9 77.9





#13

Acrolein

Concen: 94.808 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

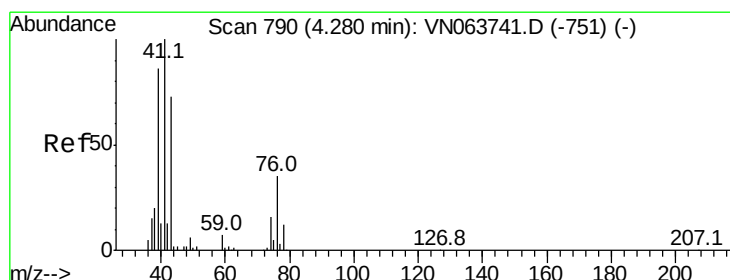
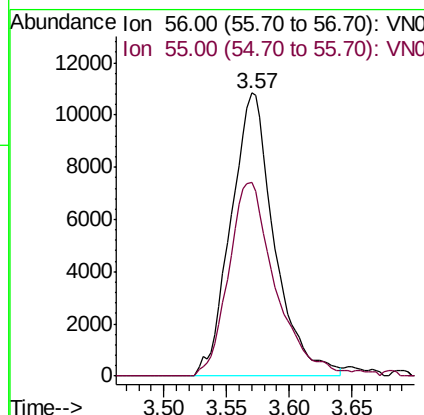
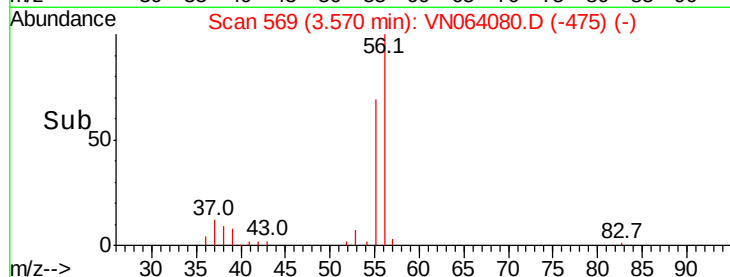
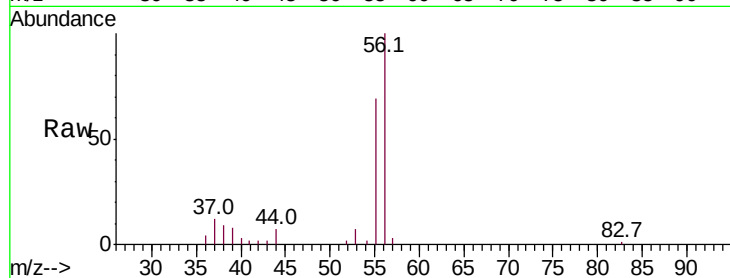
VN1012WBS01

Tot Ion: 56 Resp: 26106

Ion Ratio Lower Upper

56 100

55 73.5 56.9 85.3



#14

Allyl chloride

Concen: 20.723 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

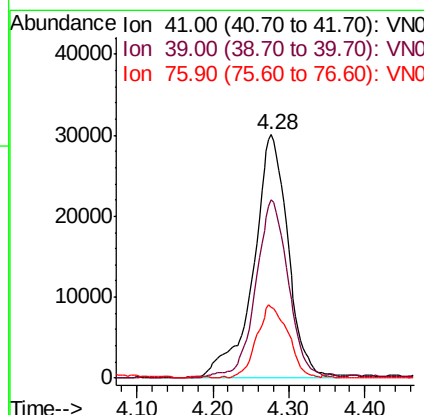
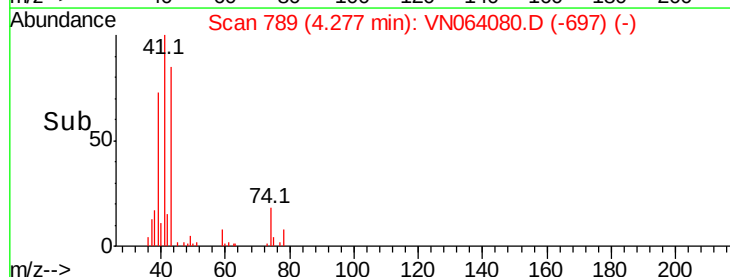
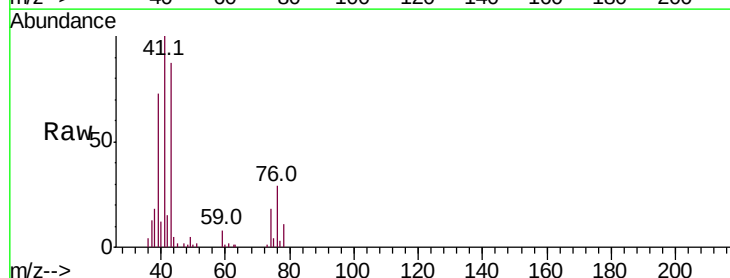
Tgt Ion: 41 Resp: 95362

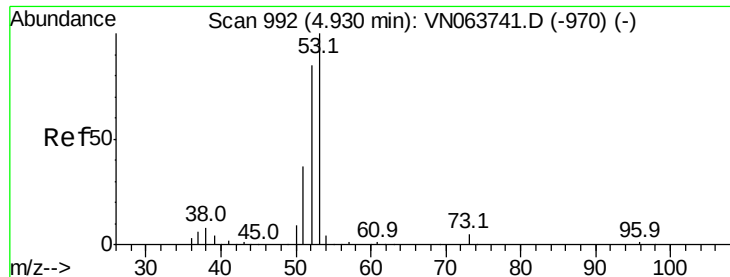
Ion Ratio Lower Upper

41 100

39 68.9 64.5 96.7

76 27.2 25.9 38.9





#15

Acrylonitrile

Concen: 114.443 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBS01

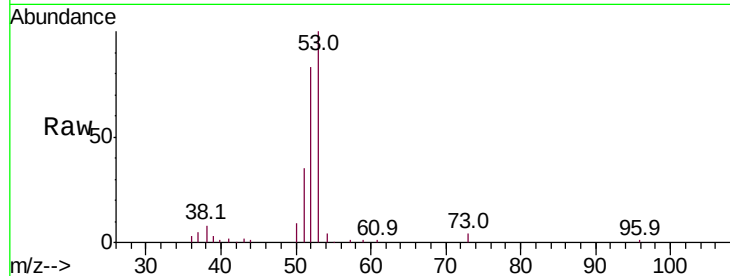
Tot Ion: 53 Resp: 146971

Ion Ratio Lower Upper

53 100

52 84.0 66.5 99.7

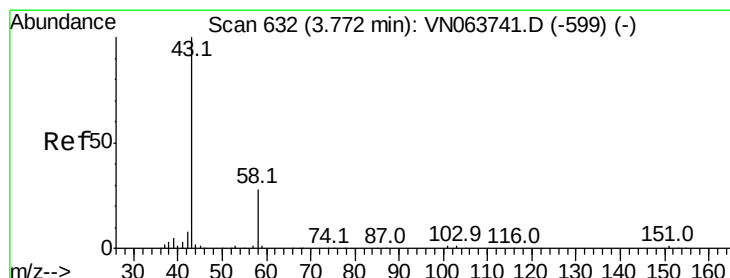
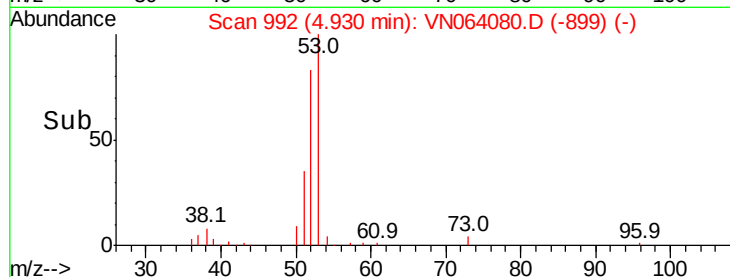
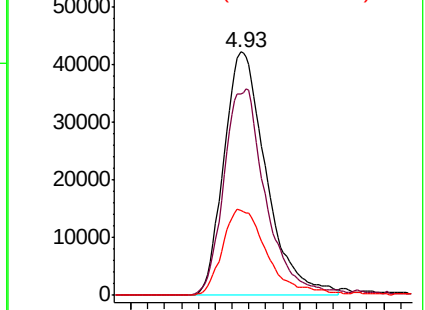
51 35.8 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN063741.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN063741.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN063741.D (-970) (-)



#16

Acetone

Concen: 121.879 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064080.D

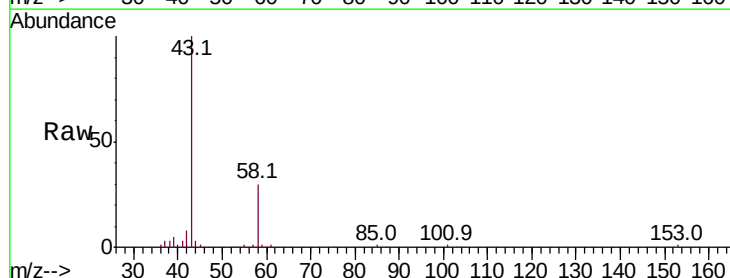
Acq: 12 Oct 2020 16:11

Tgt Ion: 43 Resp: 152464

Ion Ratio Lower Upper

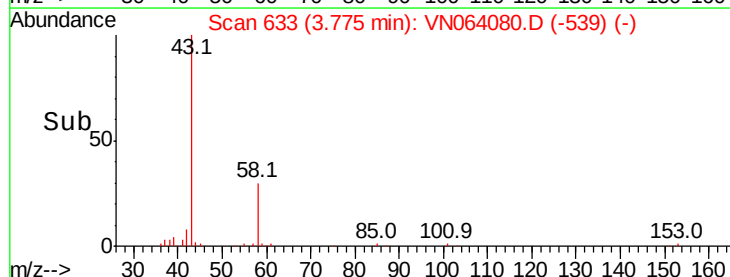
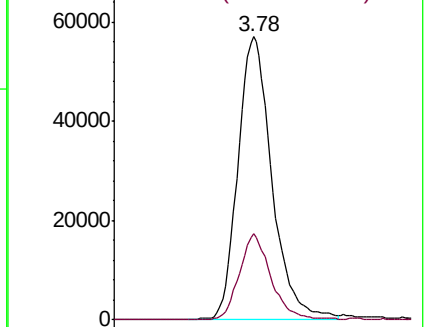
43 100

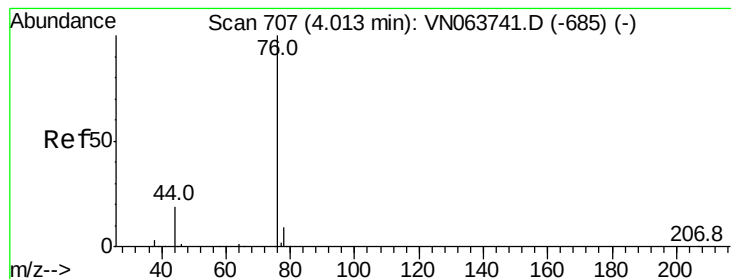
58 30.4 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-599) (-)





#17

Carbon Disulfide

Concen: 17.793 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

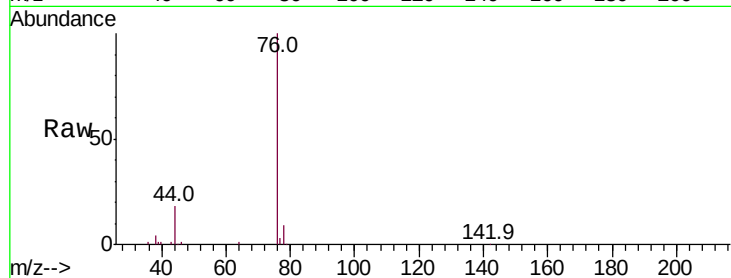
VN1012WBS01

Tot Ion: 76 Resp: 116054

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VN063741.D (-685) (-)

Ion 77.90 (77.60 to 78.60): VN063741.D (-685) (-)

4.01

40000

30000

20000

10000

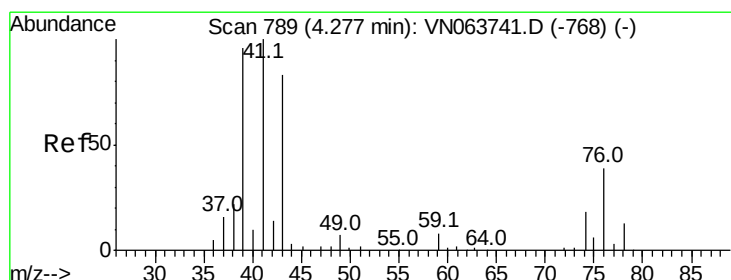
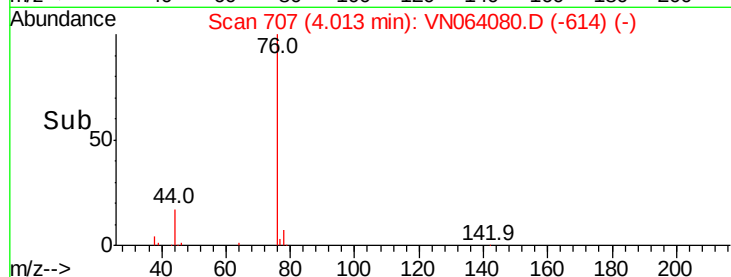
0

Time-->

3.90

4.00

4.10



#18

Methyl Acetate

Concen: 24.688 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.01 min

Lab File: VN064080.D

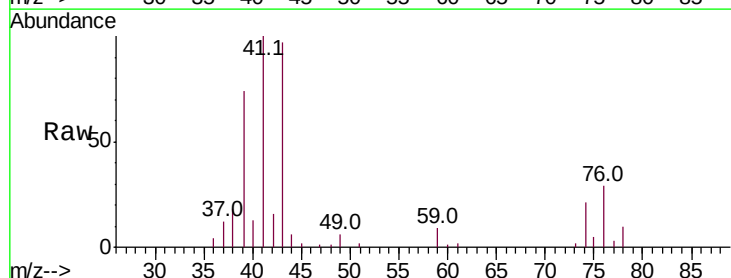
Acq: 12 Oct 2020 16:11

Tgt Ion: 43 Resp: 80184

Ion Ratio Lower Upper

43 100

74 20.7 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-768) (-)

Ion 74.00 (73.70 to 74.70): VN063741.D (-768) (-)

4.28

30000

25000

20000

15000

10000

5000

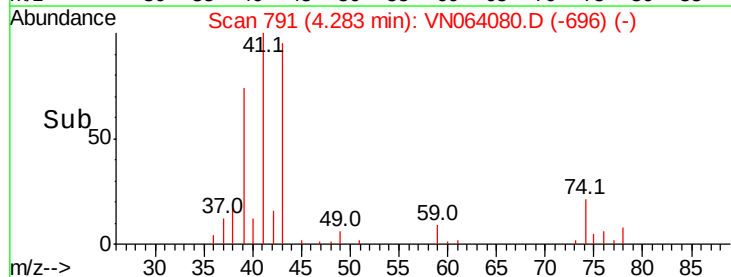
0

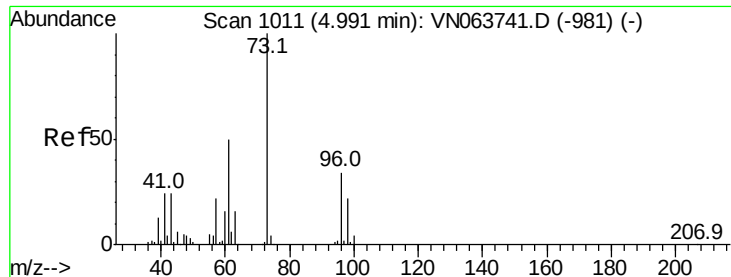
Time-->

4.20

4.30

4.40

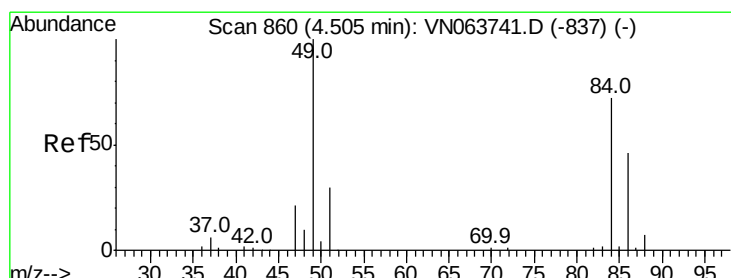
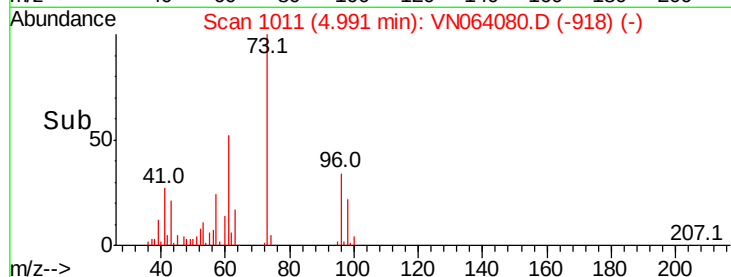
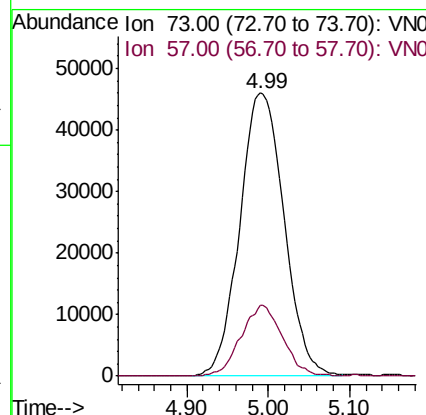
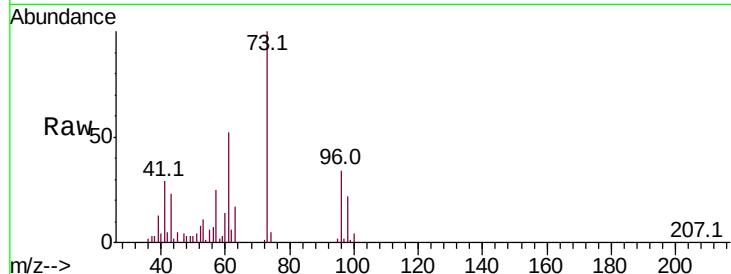




#19
Methyl tert-butyl Ether
Concen: 19.268 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

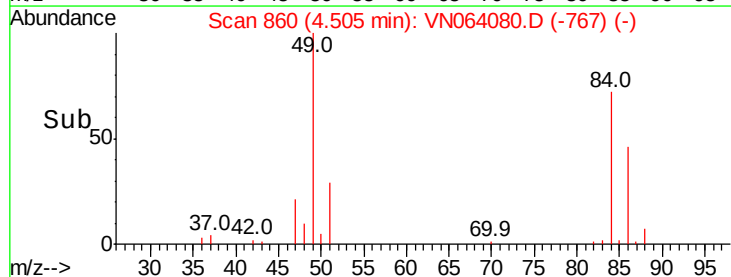
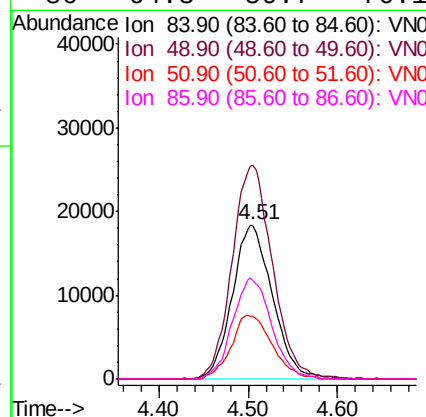
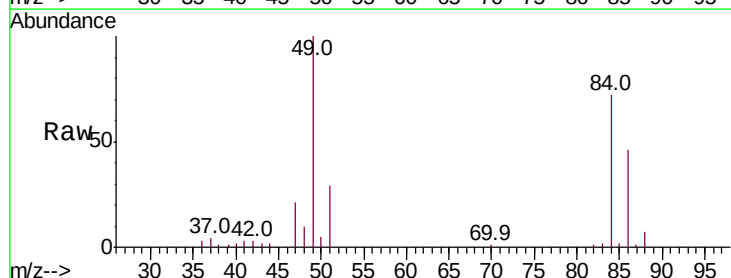
Instrument :
MSVOA_N
ClientSampled :
VN1012WBS01

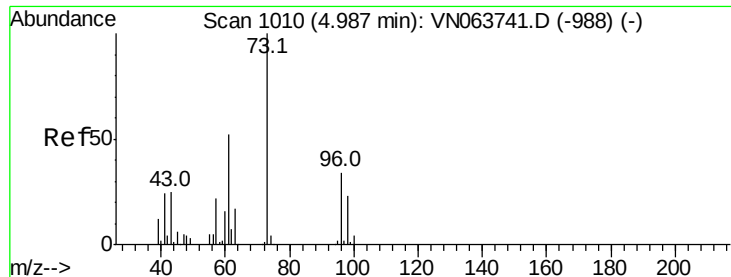
Tot Ion: 73 Resp: 173393
Ion Ratio Lower Upper
73 100
57 25.0 17.6 26.4



#20
Methylene Chloride
Concen: 20.146 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion: 84 Resp: 57556
Ion Ratio Lower Upper
84 100
49 139.0 110.4 165.6
51 40.6 33.3 49.9
86 64.3 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 17.696 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBS01

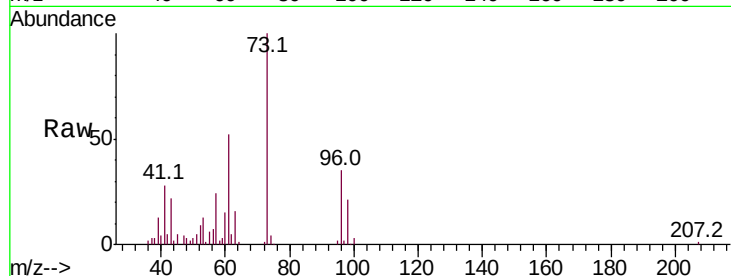
Tot Ion: 96 Resp: 49096

Ion Ratio Lower Upper

96 100

61 149.4 120.2 180.2

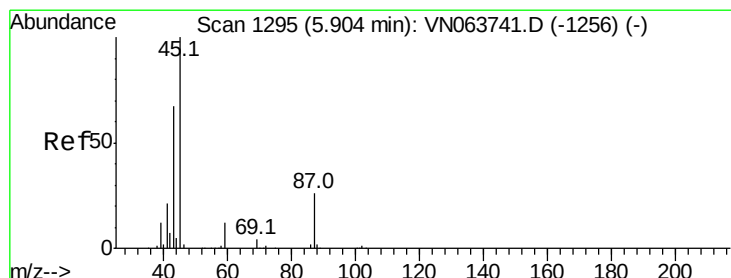
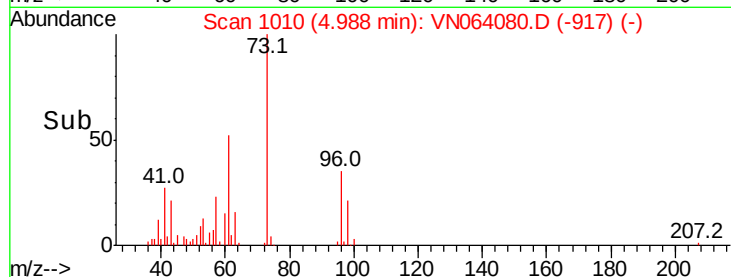
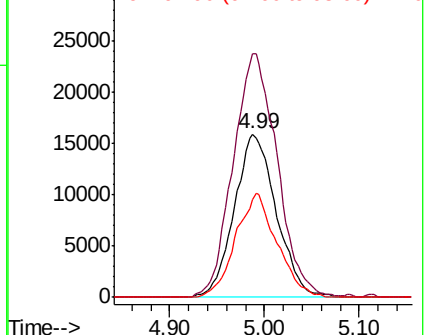
98 59.6 52.6 79.0



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: 21.376 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Tgt Ion: 45 Resp: 202386

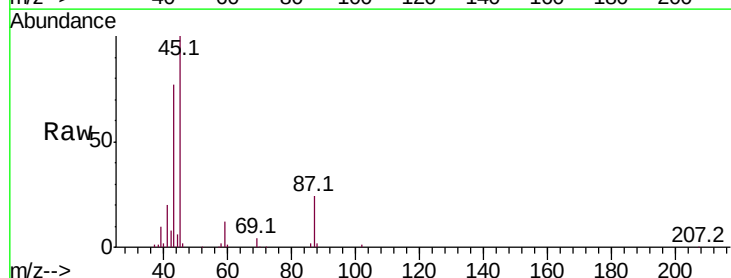
Ion Ratio Lower Upper

45 100

43 73.2 53.7 80.5

87 24.1 21.1 31.7

59 12.1 9.2 13.8

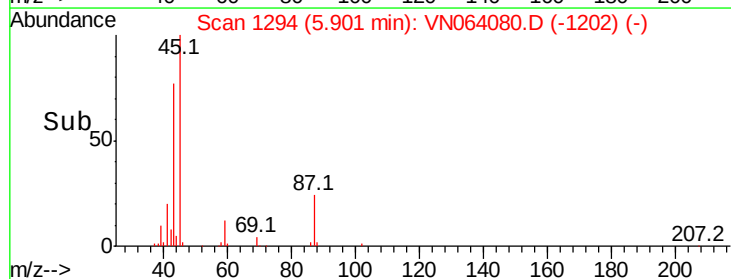
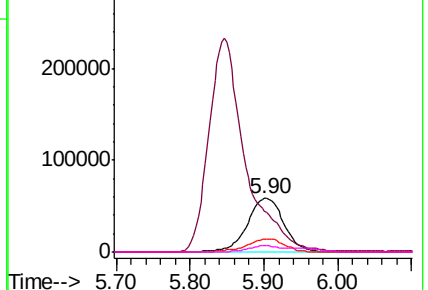


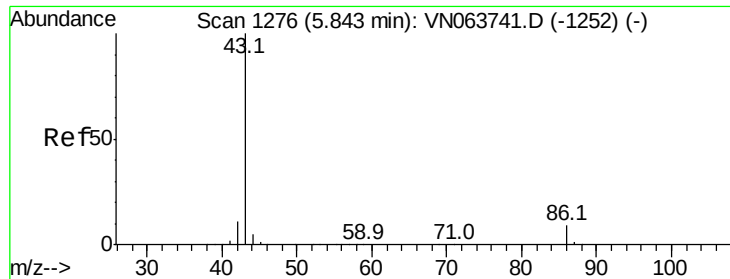
Abundance Ion 45.00 (44.70 to 45.70): VN0

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

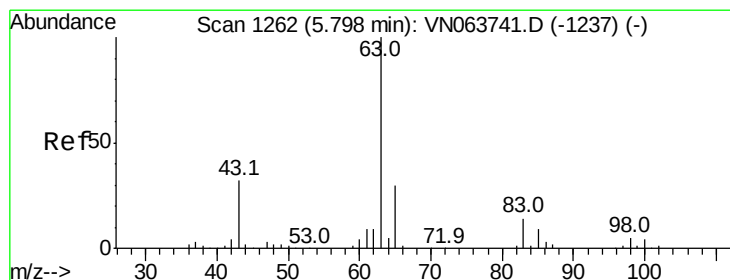
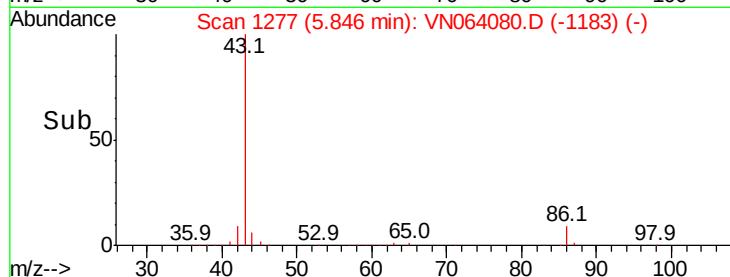
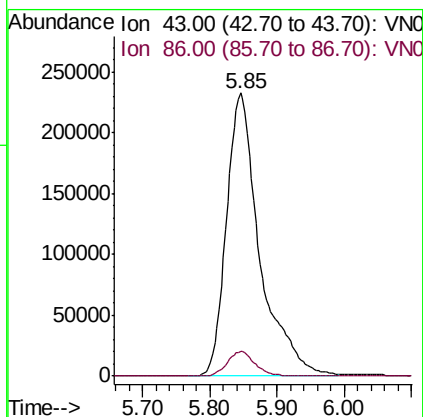
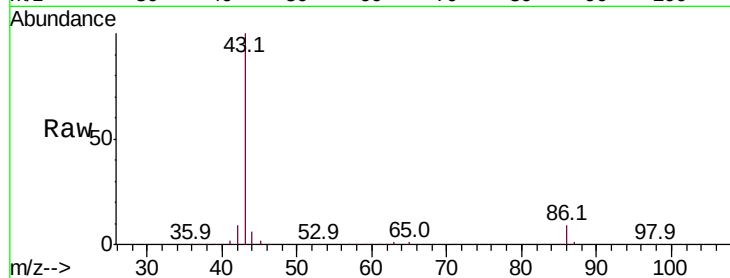




#23
 Vinyl Acetate
 Concen: 102.147 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

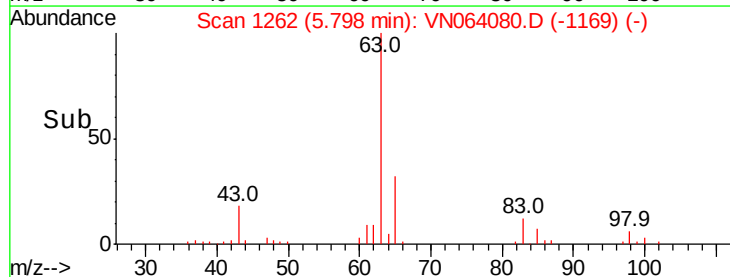
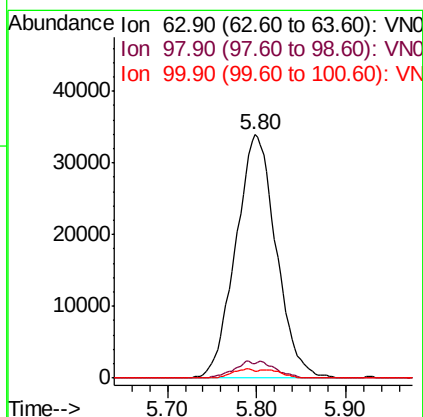
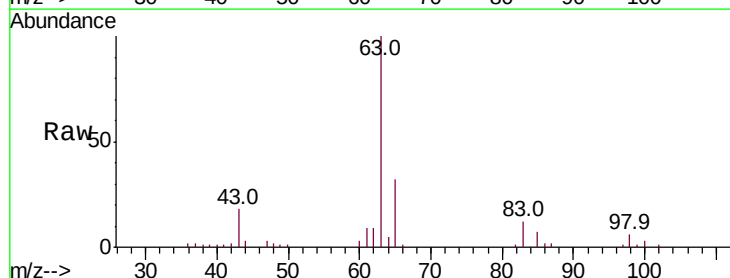
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS01

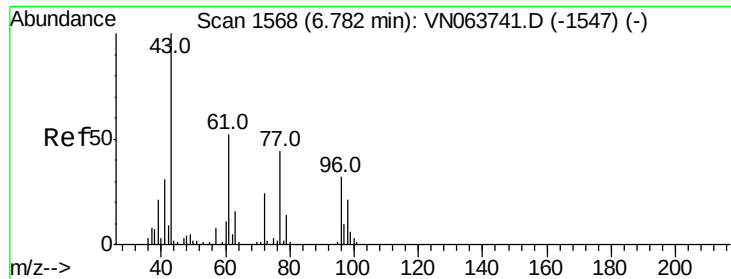
Tot Ion: 43 Resp: 801104
 Ion Ratio Lower Upper
 43 100
 86 8.7 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 19.720 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Tgt Ion: 63 Resp: 106753
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.7 8.1
 100 2.9 1.9 5.7

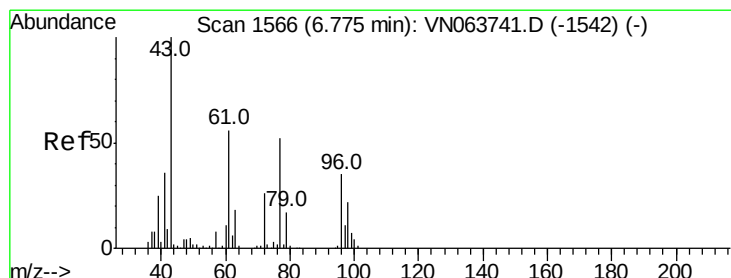
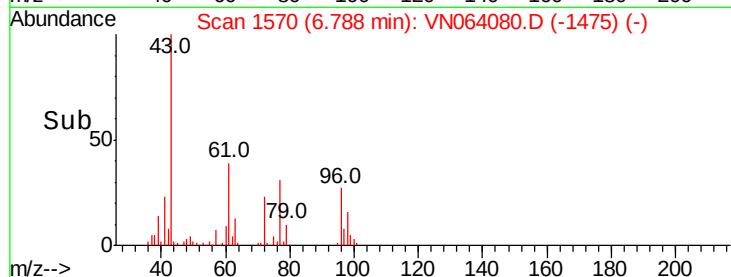
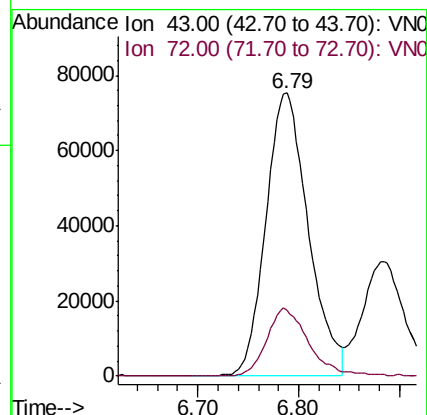
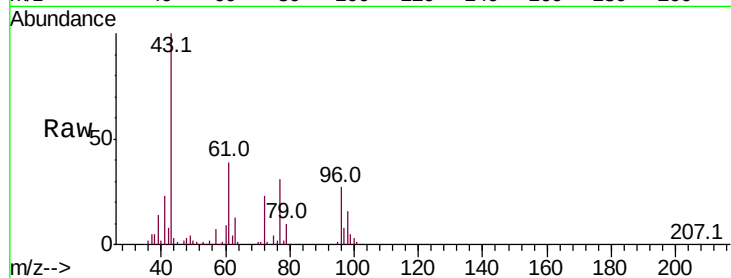




#25
2-Butanone
Concen: 123.384 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

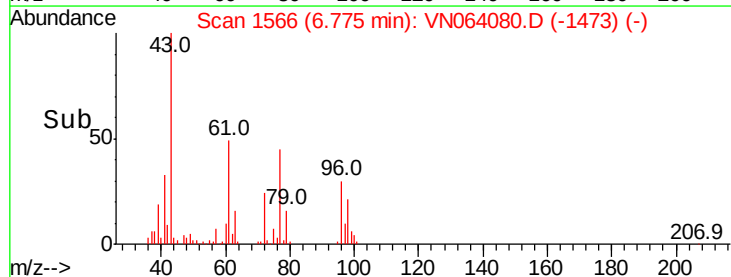
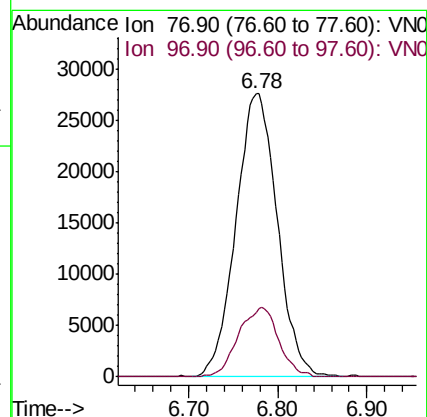
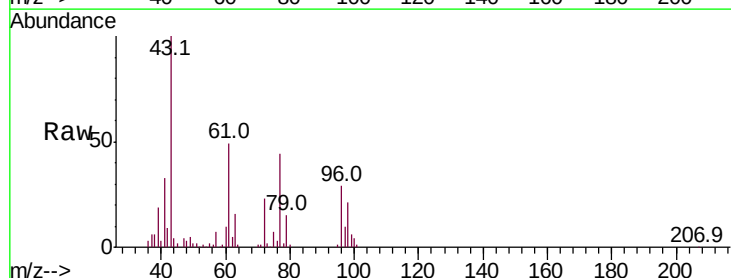
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

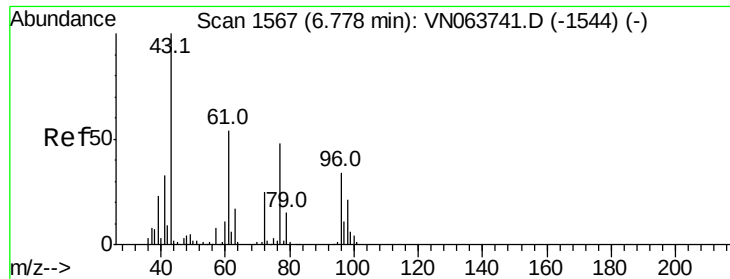
Tot Ion: 43 Resp: 218826
Ion Ratio Lower Upper
43 100
72 23.5 19.3 28.9



#26
2,2-Dichloropropane
Concen: 17.894 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion: 77 Resp: 88710
Ion Ratio Lower Upper
77 100
97 23.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.880 ug/l

RT: 6.79 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBS01

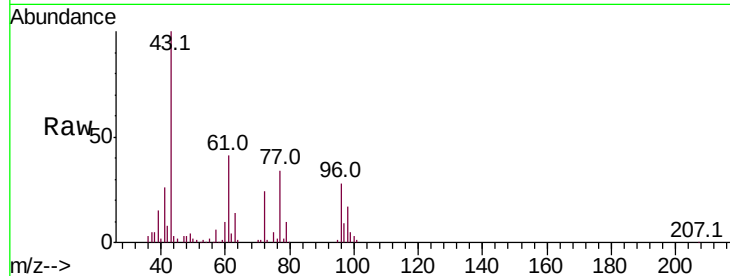
Tot Ion: 96 Resp: 60244

Ion Ratio Lower Upper

96 100

61 157.0 0.0 321.2

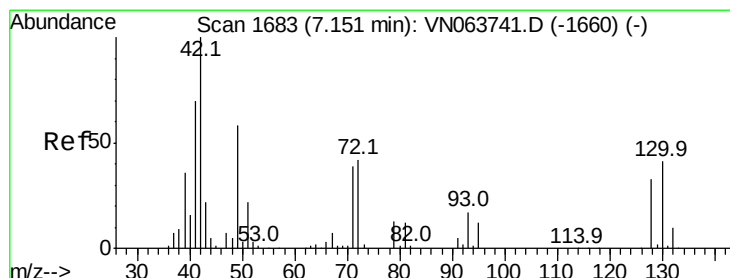
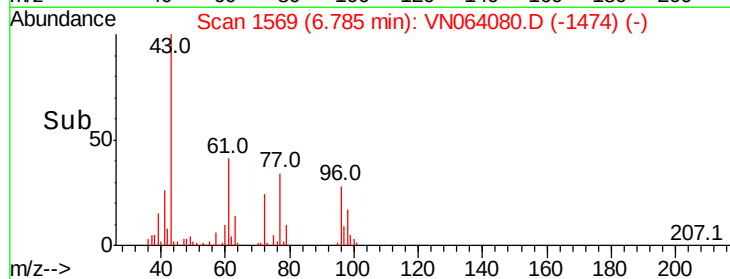
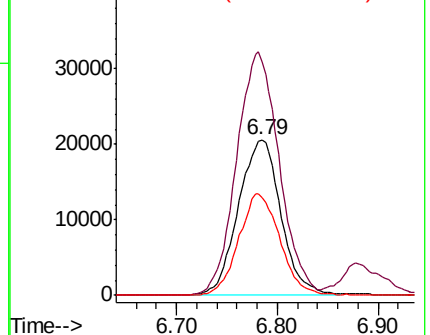
98 63.1 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.336 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

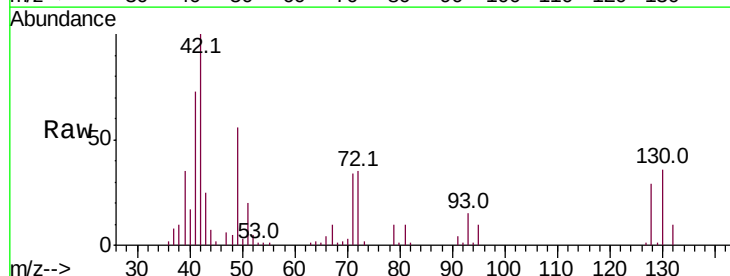
Tgt Ion: 49 Resp: 54411

Ion Ratio Lower Upper

49 100

129 0.7 0.0 4.8

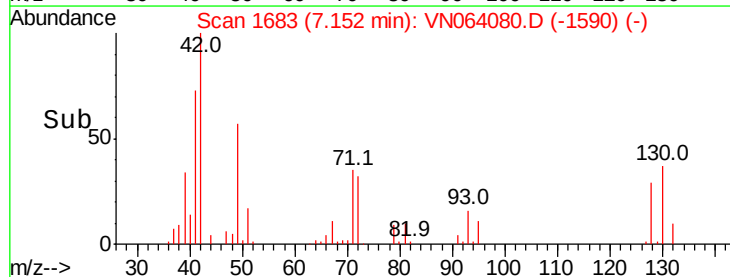
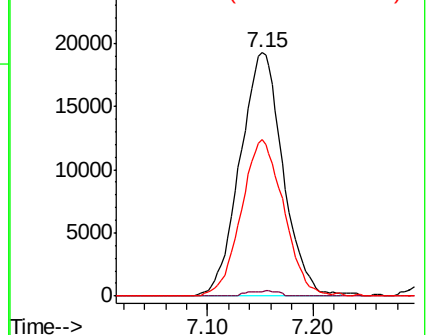
130 63.6 55.6 83.4

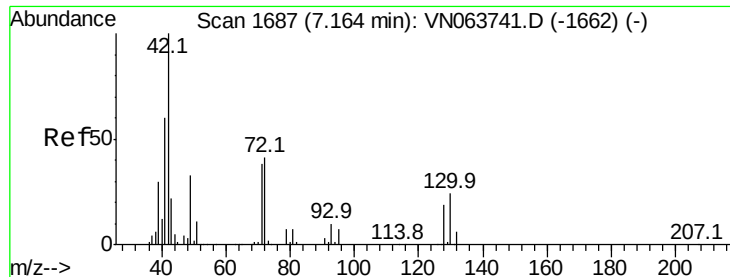


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

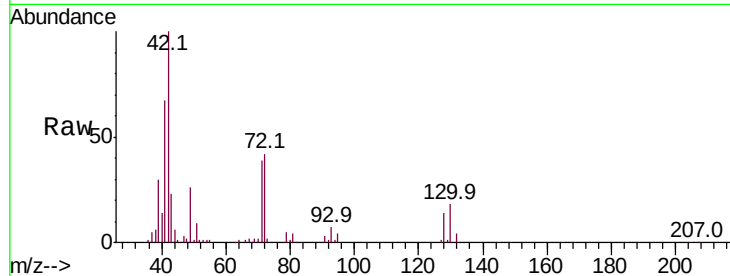




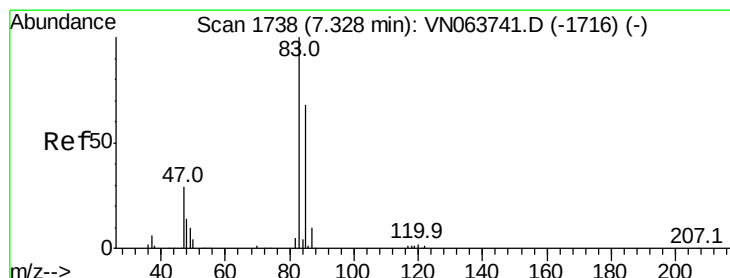
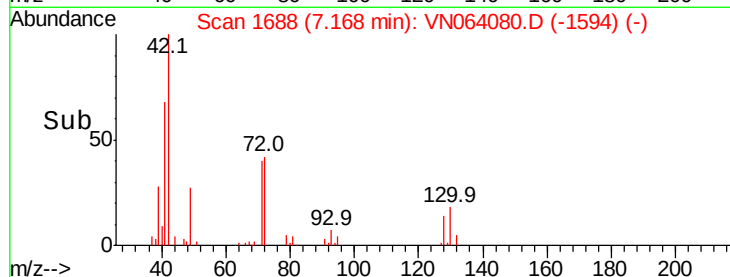
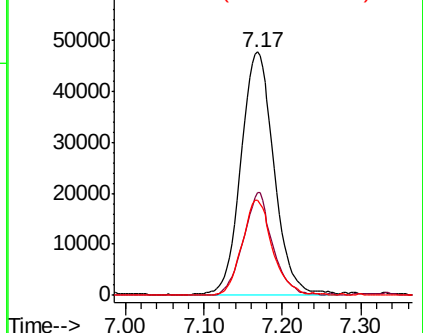
#29
Tetrahydrofuran
Concen: 119.663 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tot Ion: 42 Resp: 142339
Ion Ratio Lower Upper
42 100
72 37.4 32.8 49.2
71 35.7 30.6 45.8

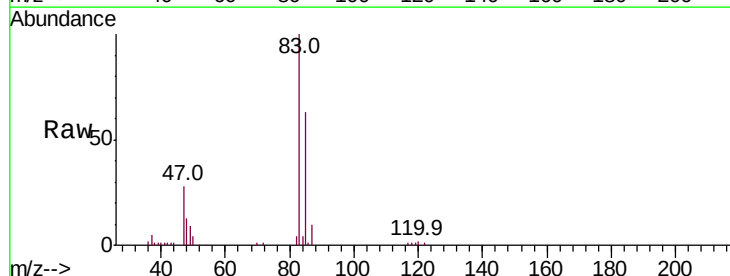


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

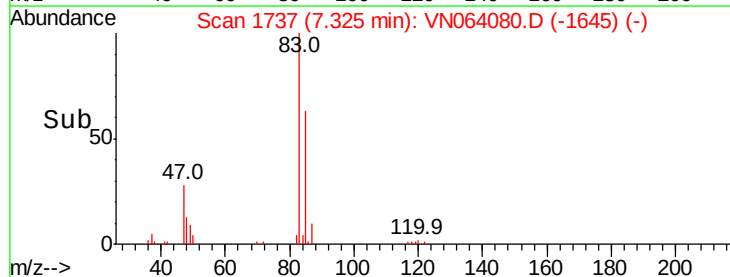
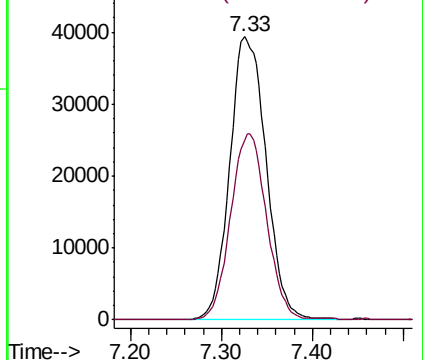


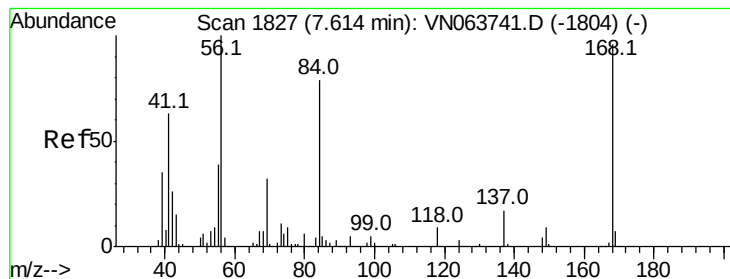
#30
Chloroform
Concen: 19.379 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion: 83 Resp: 109381
Ion Ratio Lower Upper
83 100
85 63.4 54.6 82.0



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





#31

Cyclohexane

Concen: 17.729 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

ClientSampled :

VN1012WBS01

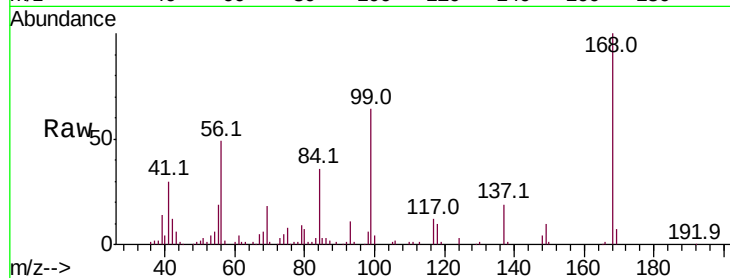
Tot Ion: 56 Resp: 83640

Ion Ratio Lower Upper

56 100

69 35.4 25.4 38.2

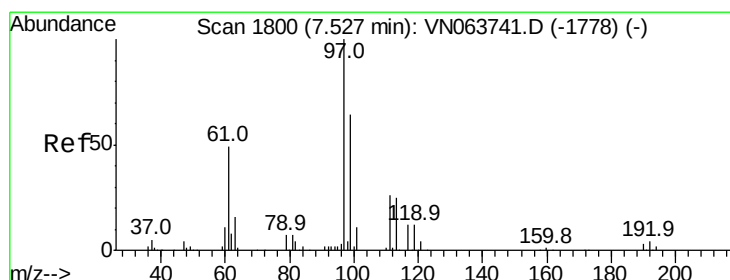
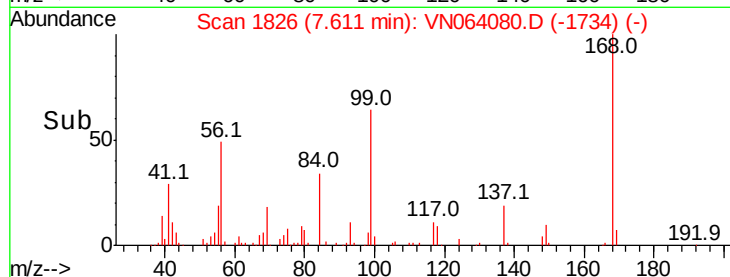
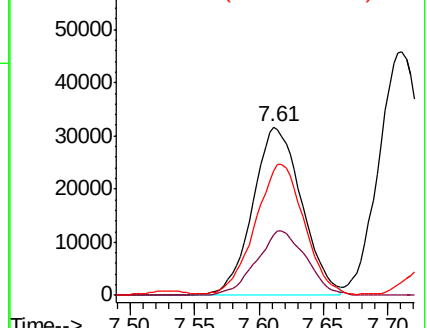
84 73.2 63.3 94.9



Abundance Ion 56.00 (55.70 to 56.70): VN063741.D (-1804) (-)

Ion 69.00 (68.70 to 69.70): VN063741.D (-1804) (-)

Ion 84.00 (83.70 to 84.70): VN063741.D (-1804) (-)



#32

1,1,1-Trichloroethane

Concen: 19.195 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

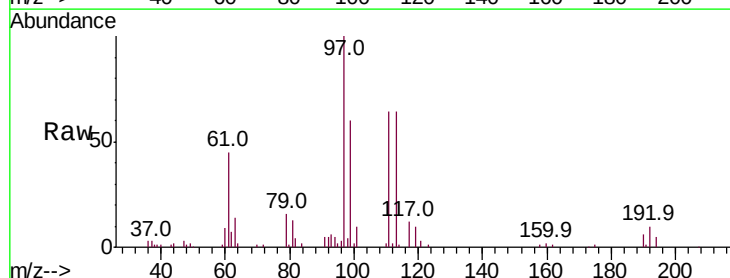
Tgt Ion: 97 Resp: 97722

Ion Ratio Lower Upper

97 100

99 61.0 51.0 76.6

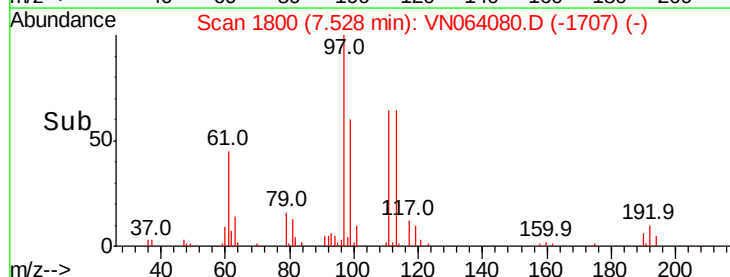
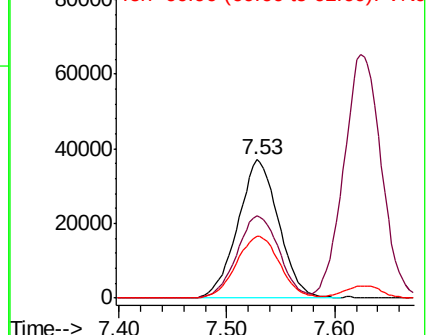
61 47.4 38.7 58.1

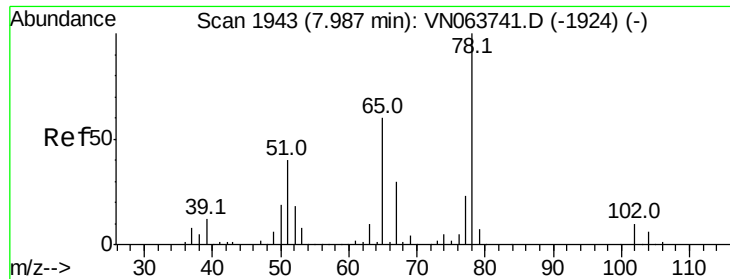


Abundance Ion 96.90 (96.60 to 97.60): VN063741.D (-1778) (-)

Ion 98.90 (98.60 to 99.60): VN063741.D (-1778) (-)

Ion 60.90 (60.60 to 61.60): VN063741.D (-1778) (-)

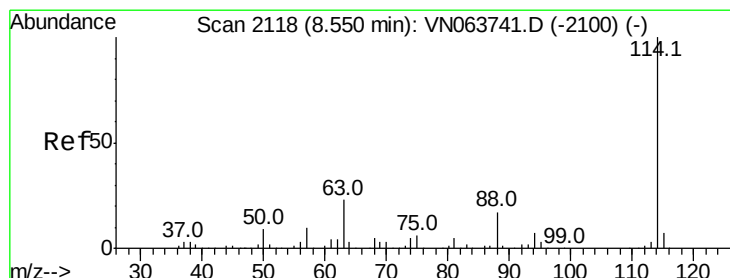
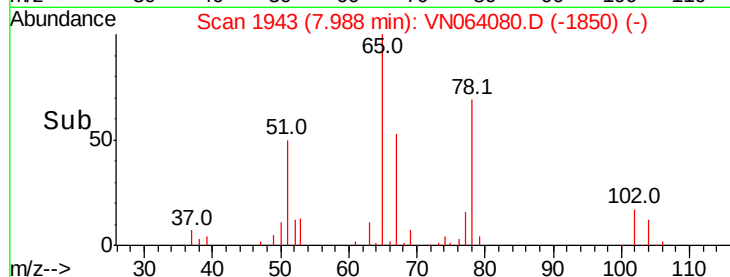
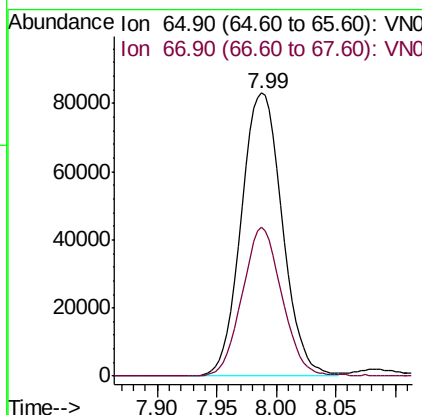
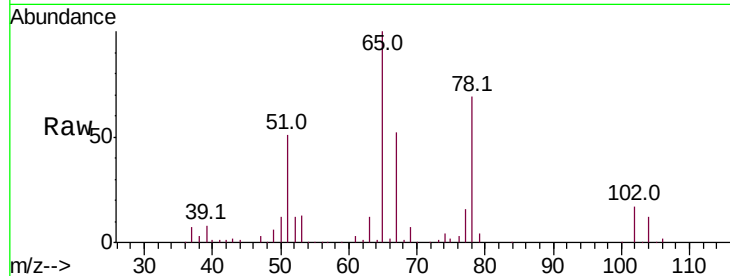




#33
 1,2-Dichloroethane-d4
 Concen: 48.983 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

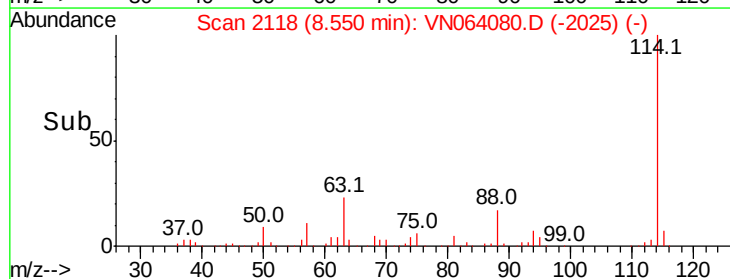
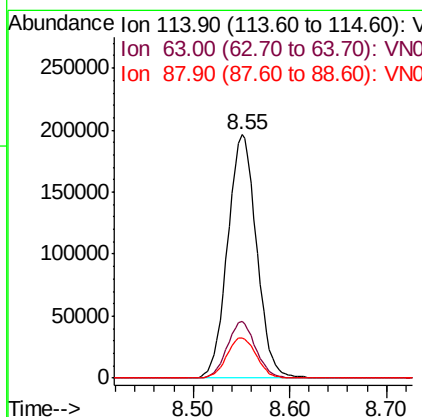
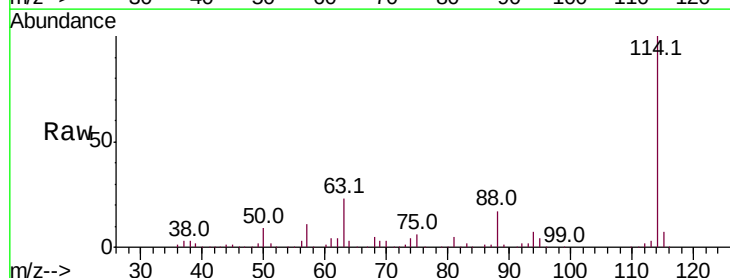
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS01

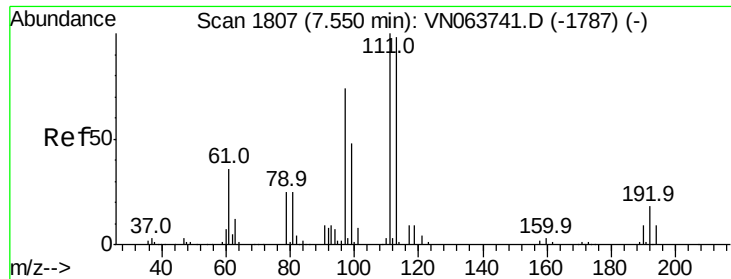
Tot Ion: 65 Resp: 199052
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Tgt Ion: 114 Resp: 408592
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 45.0
 88 16.6 0.0 34.0

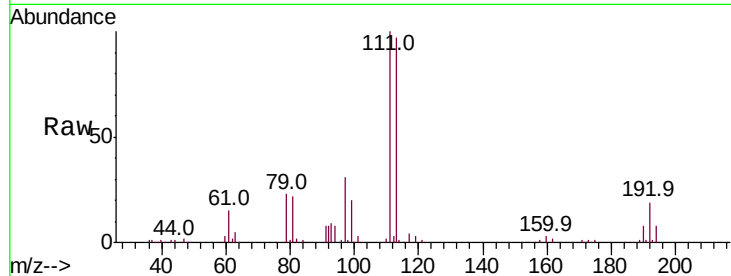




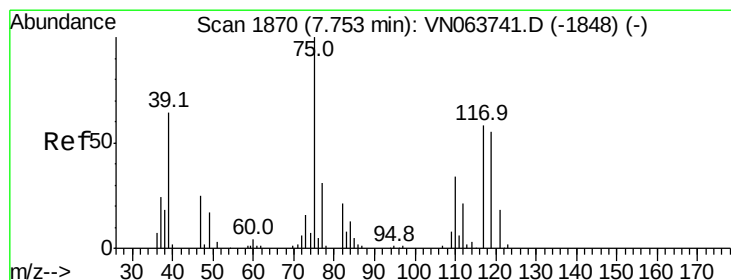
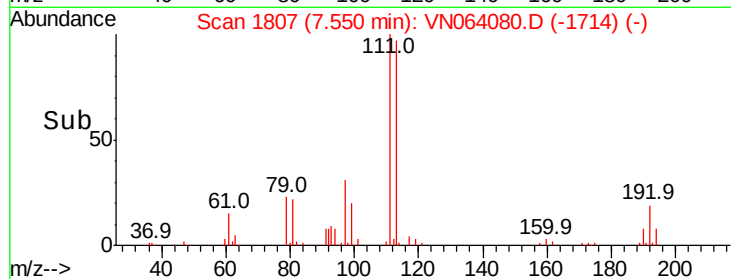
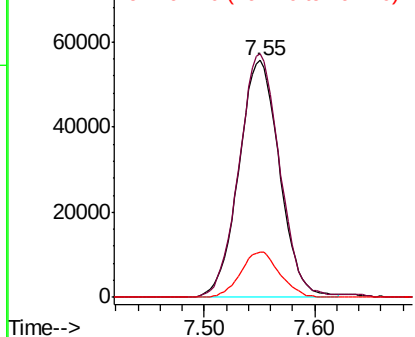
#35
 Dibromofluoromethane
 Concen: 50.235 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS01

Tot Ion:113 Resp: 142423
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.8 122.8
 192 18.4 14.2 21.2

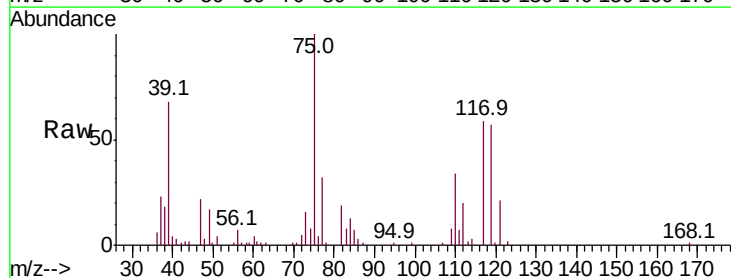


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

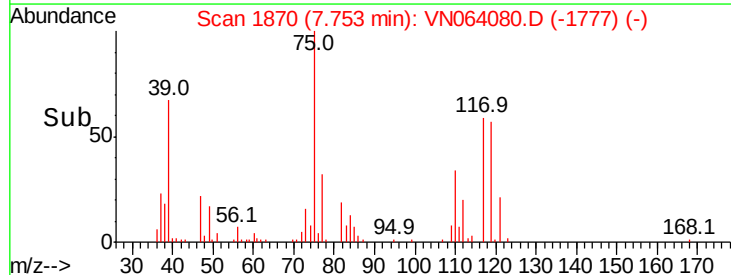
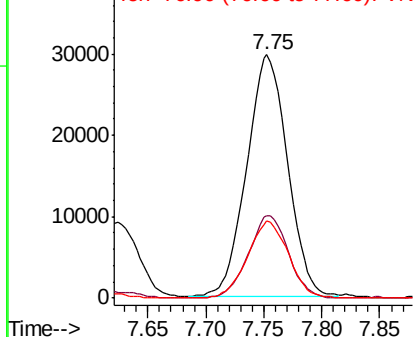


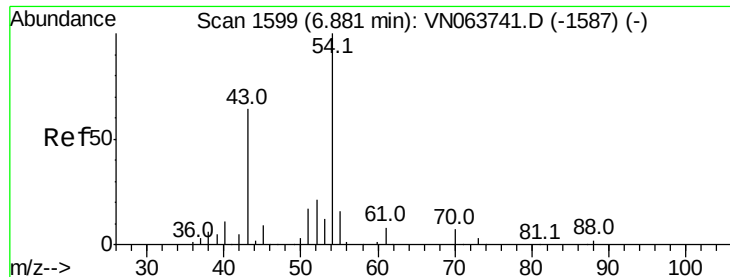
#36
 1,1-Dichloropropene
 Concen: 17.592 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Tgt Ion: 75 Resp: 72823
 Ion Ratio Lower Upper
 75 100
 110 33.5 16.9 50.6
 77 32.0 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

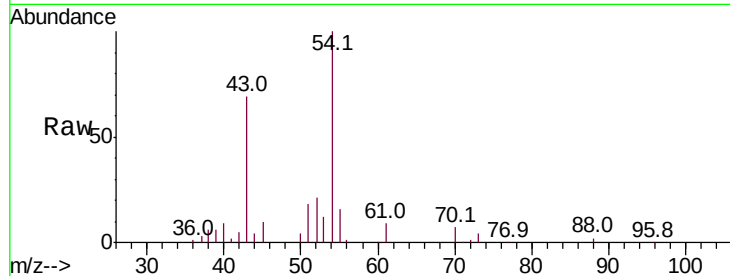




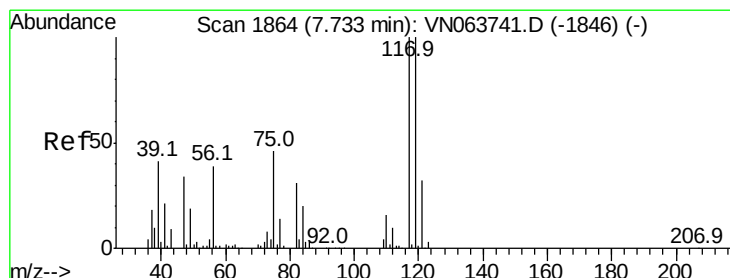
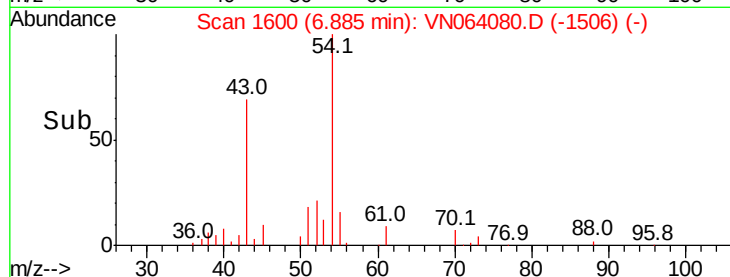
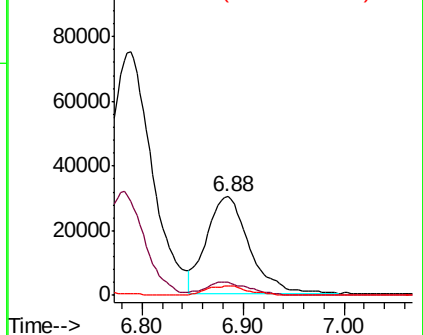
#37
Ethyl Acetate
Concen: 21.637 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tot Ion: 43 Resp: 88982
Ion Ratio Lower Upper
43 100
61 13.9 10.4 15.6
70 9.6 7.3 10.9

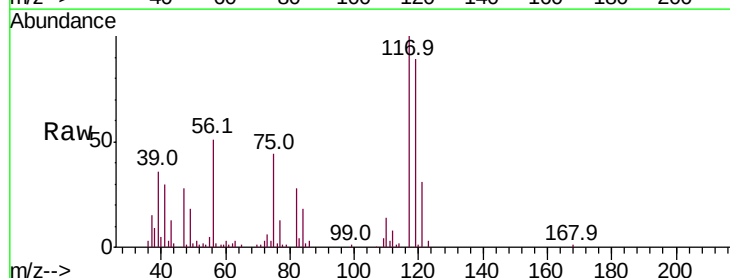


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

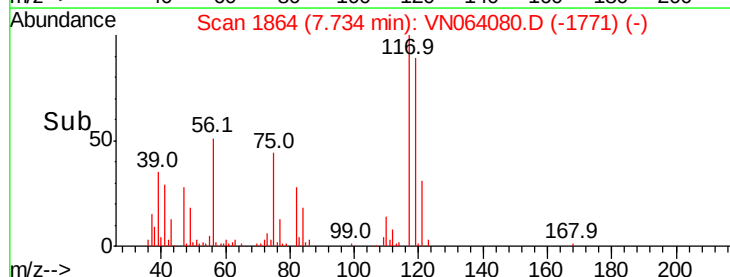
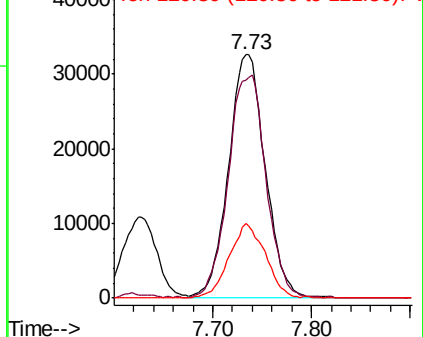


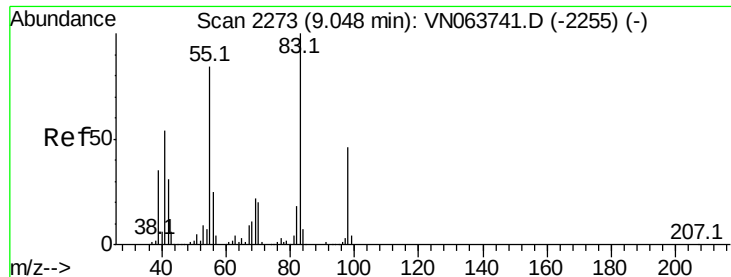
#38
Carbon Tetrachloride
Concen: 18.246 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion: 117 Resp: 84692
Ion Ratio Lower Upper
117 100
119 89.3 80.1 120.1
121 30.5 25.7 38.5



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

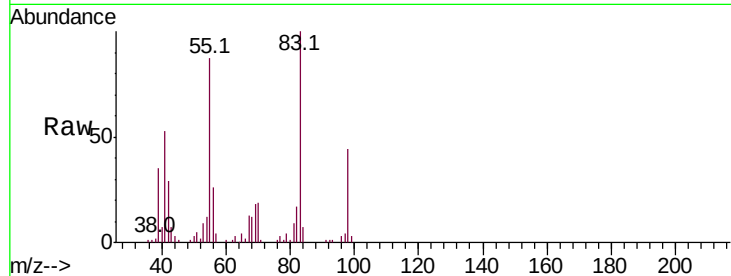




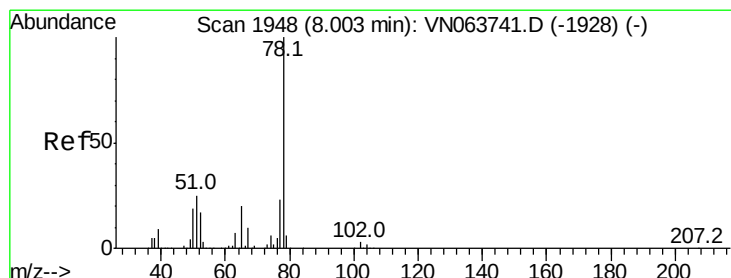
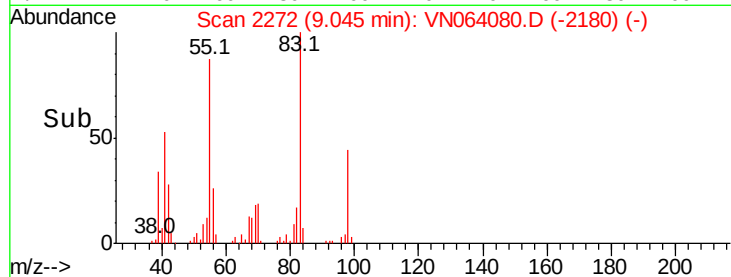
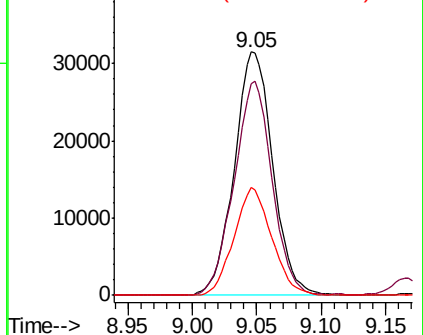
#39
Methylvlcyclohexane
Concen: 15.849 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tot Ion: 83 Resp: 65425
Ion Ratio Lower Upper
83 100
55 86.8 67.1 100.7
98 44.2 36.6 54.8

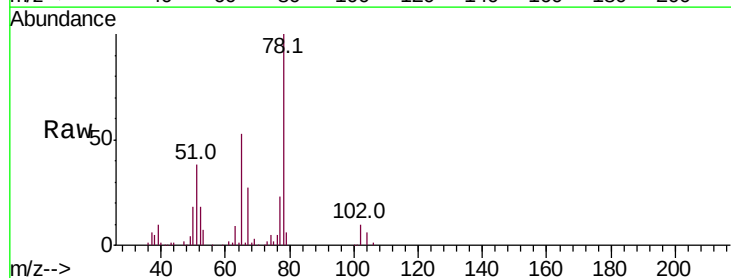


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

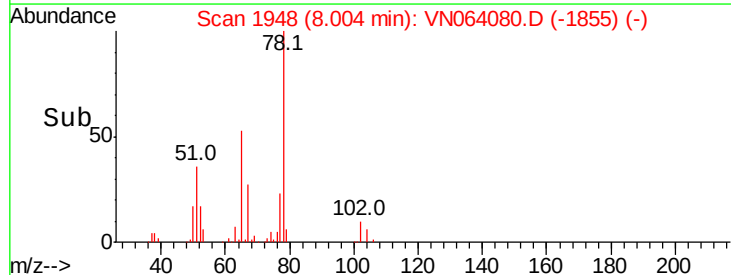
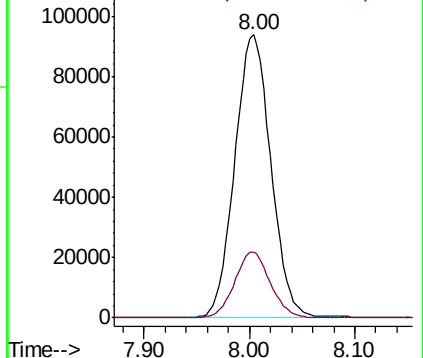


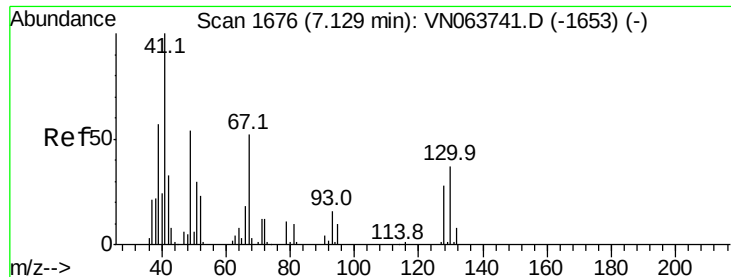
#40
Benzene
Concen: 18.893 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion: 78 Resp: 223380
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1



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

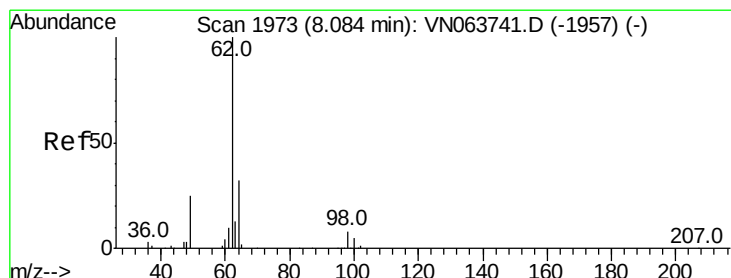
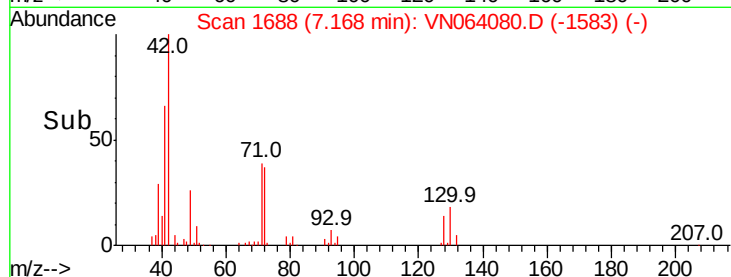
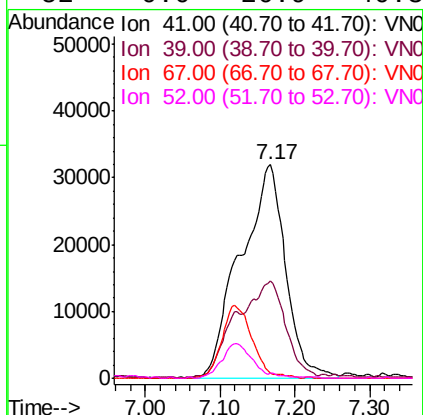
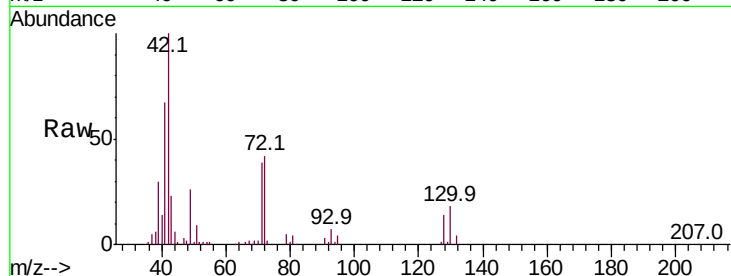




#41
Methacrylonitrile
Concen: 73.247 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.04 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

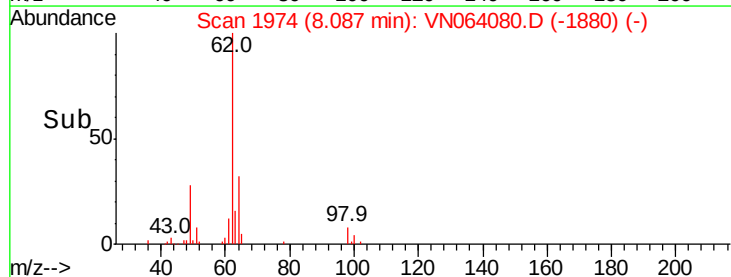
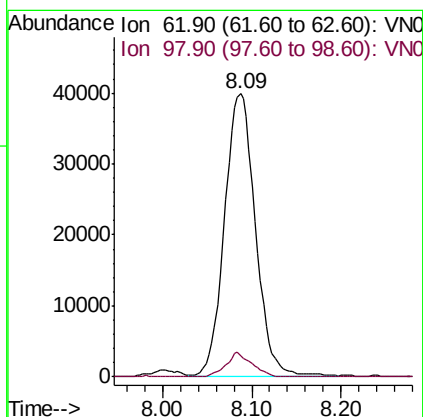
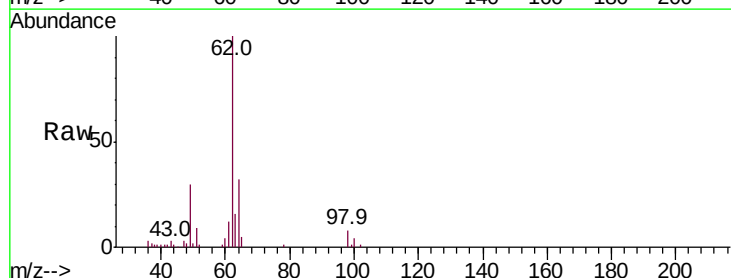
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

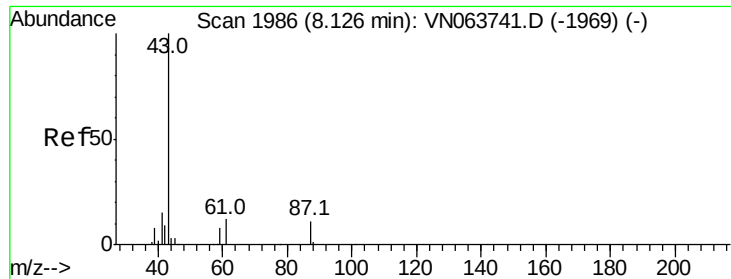
Tot Ion: 41 Resp: 133881
Ion Ratio Lower Upper
41 100
39 0.0 42.5 63.7#
67 0.0 57.4 86.2#
52 0.0 26.9 40.3#



#42
1,2-Dichloroethane
Concen: 18.865 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion: 62 Resp: 95212
Ion Ratio Lower Upper
62 100
98 7.2 0.0 15.0





#43

Isopropyl Acetate

Concen: 21.033 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBS01

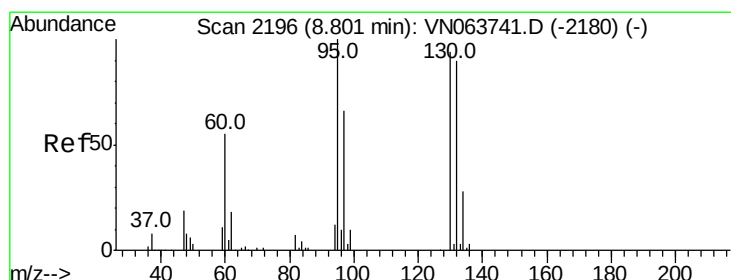
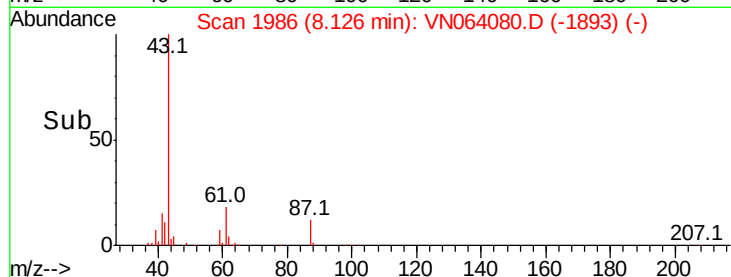
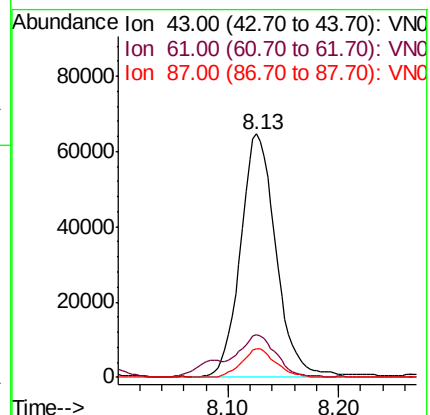
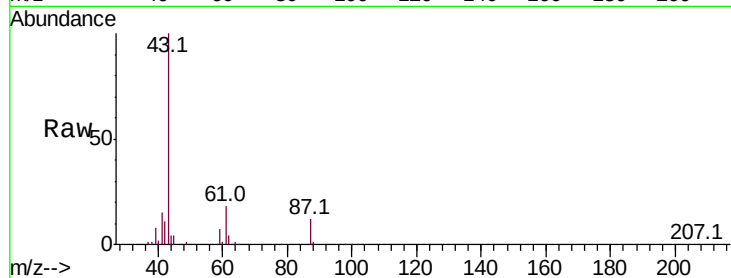
Tot Ion: 43 Resp: 142678

Ion Ratio Lower Upper

43 100

61 18.2 14.2 21.4

87 11.3 9.0 13.6



#44

Trichloroethene

Concen: 17.501 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064080.D

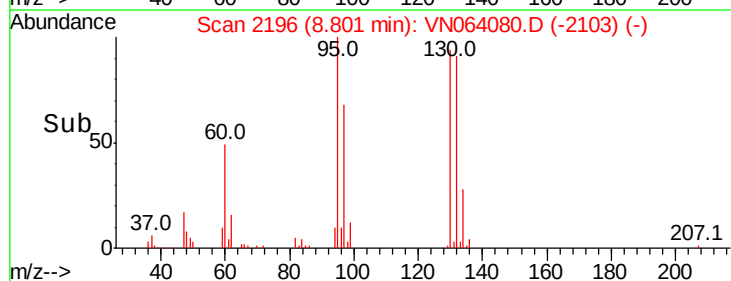
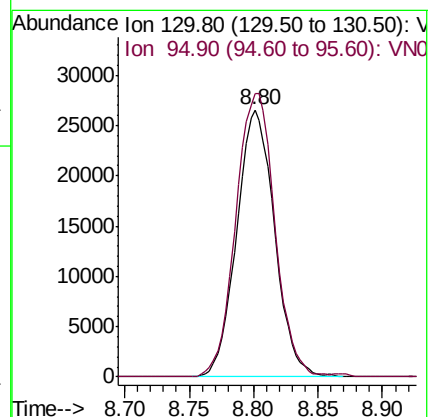
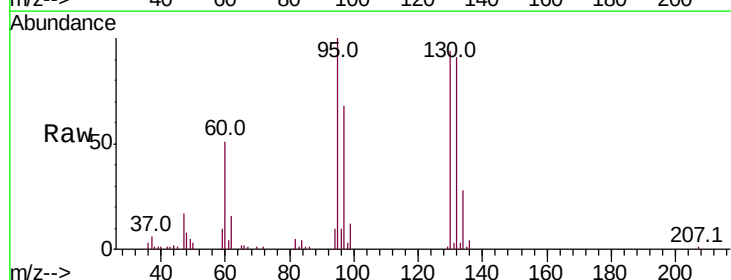
Acq: 12 Oct 2020 16:11

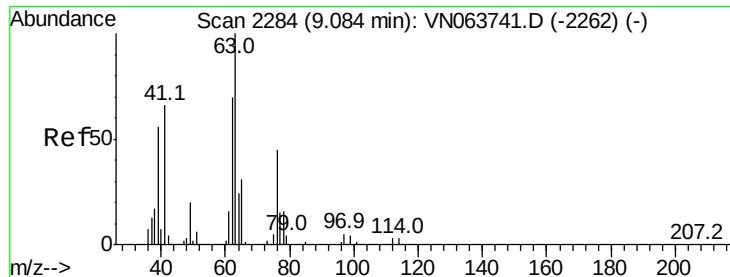
Tgt Ion:130 Resp: 54215

Ion Ratio Lower Upper

130 100

95 105.9 0.0 213.6





#45

1,2-Dichloropropane

Concen: 19.289 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

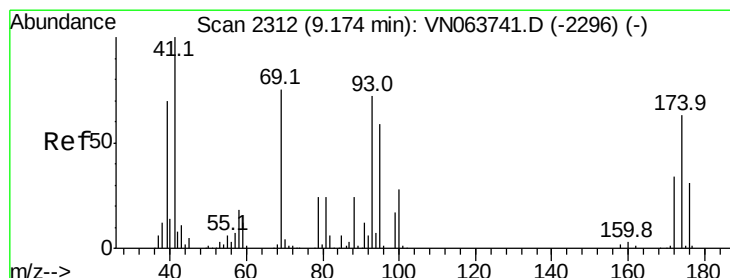
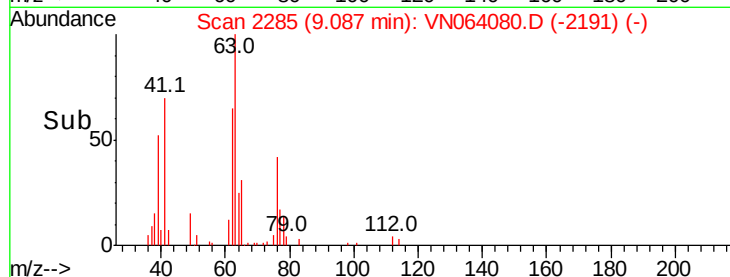
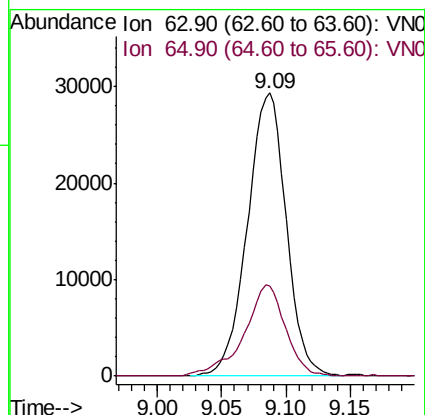
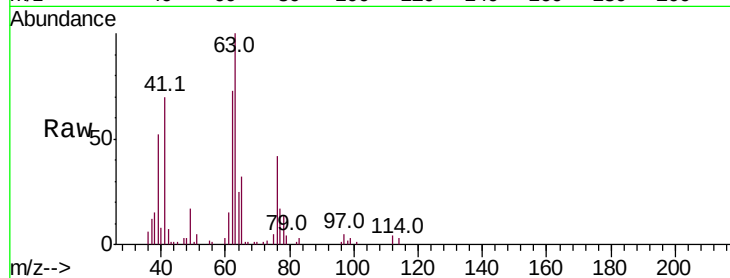
VN1012WBS01

Tot Ion: 63 Resp: 61591

Ion Ratio Lower Upper

63 100

65 31.8 24.7 37.1



#46

Dibromomethane

Concen: 18.944 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

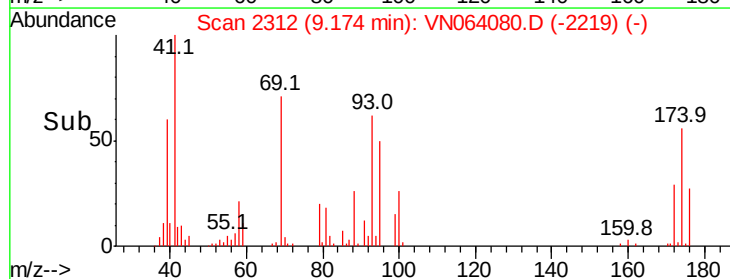
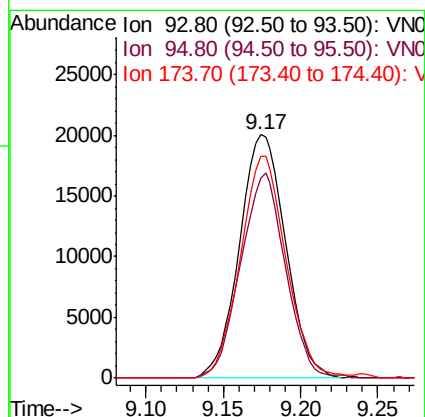
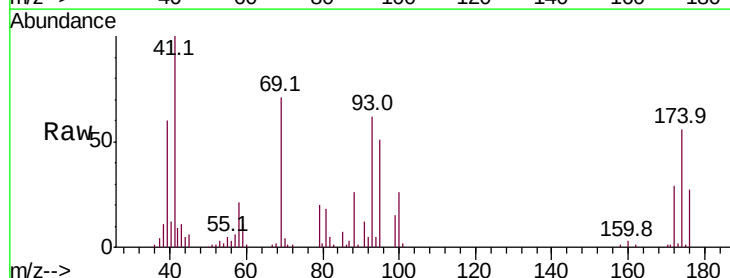
Tgt Ion: 93 Resp: 41730

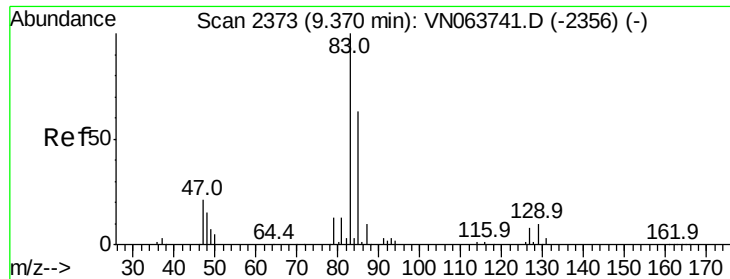
Ion Ratio Lower Upper

93 100

95 81.5 66.3 99.5

174 90.2 72.7 109.1





#47

Bromodichloromethane

Concen: 18.972 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBS01

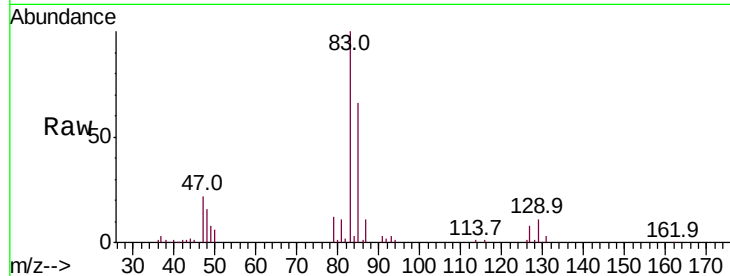
Tot Ion: 83 Resp: 86126

Ion Ratio Lower Upper

83 100

85 65.8 50.6 75.8

127 7.5 6.6 9.8

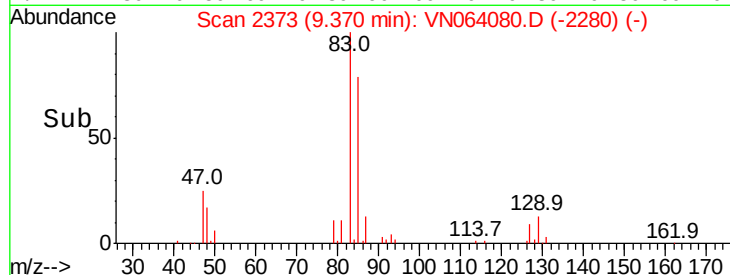


Abundance Ion 82.90 (82.60 to 83.60): VN063741.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN063741.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN063741.D (-2356) (-)

9.37



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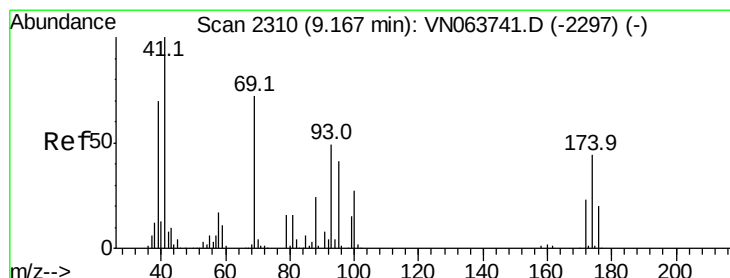
9.37

9.37

9.37

9.37

9.37



#48

Methyl methacrylate

Concen: 21.263 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

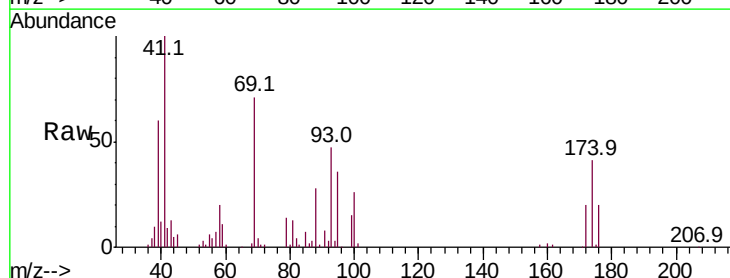
Tgt Ion: 41 Resp: 71262

Ion Ratio Lower Upper

41 100

69 75.0 60.9 91.3

39 59.6 57.5 86.3

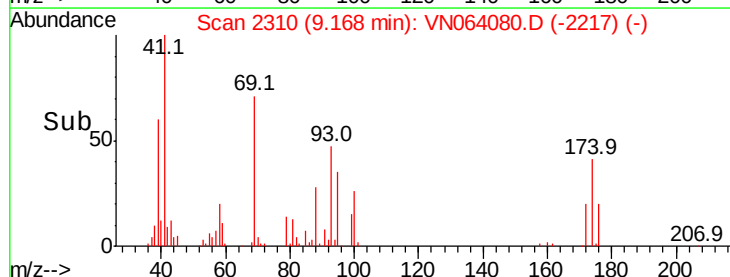


Abundance Ion 41.00 (40.70 to 41.70): VN063741.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN063741.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN063741.D (-2297) (-)

9.17



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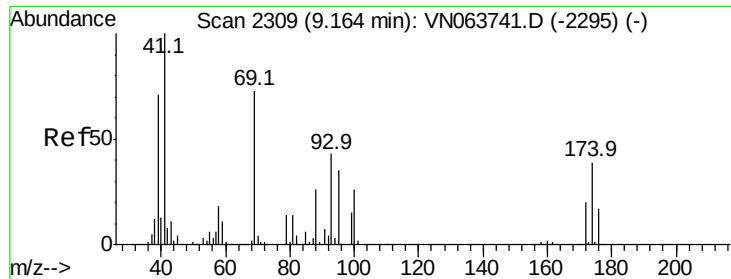
9.17

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9.17

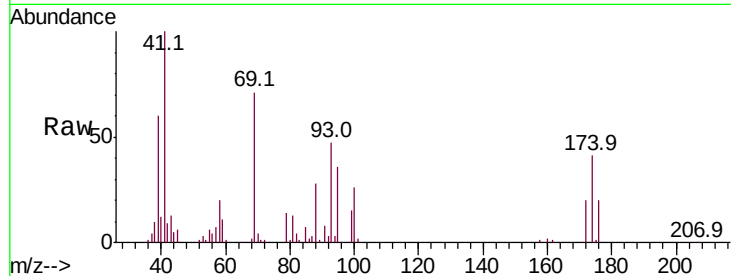
9.17



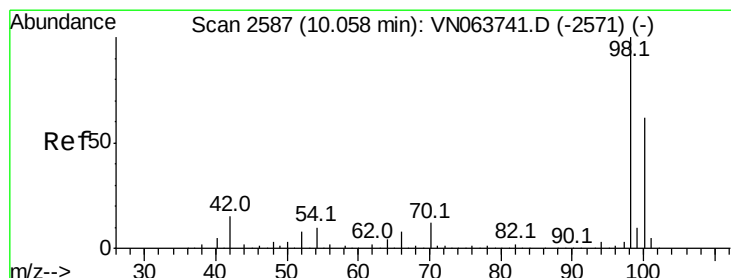
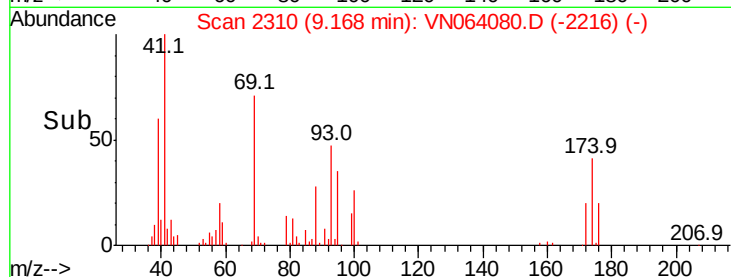
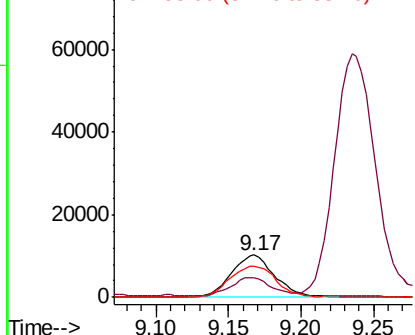
#49
1,4-Dioxane
Concen: 448.920 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tot Ion: 88 Resp: 21383
Ion Ratio Lower Upper
88 100
43 39.0 33.1 49.7
58 78.8 58.9 88.3

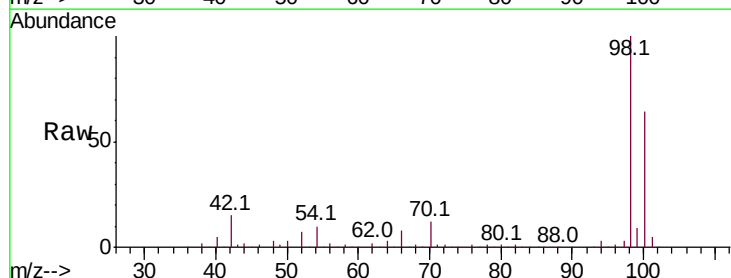


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

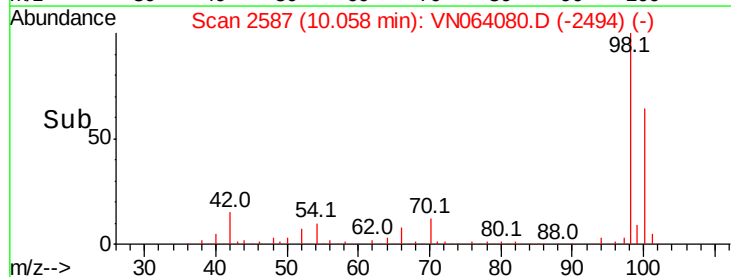
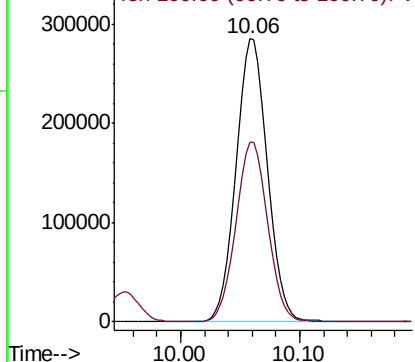


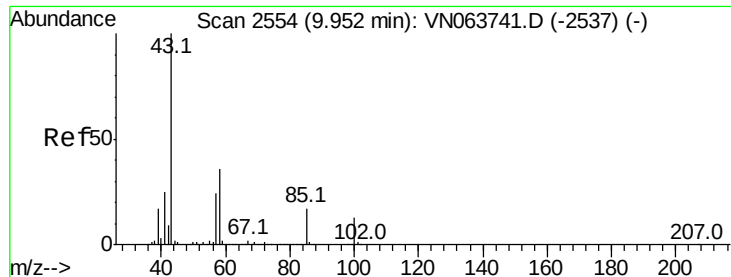
#50
Toluene-d8
Concen: 48.570 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion: 98 Resp: 522010
Ion Ratio Lower Upper
98 100
100 64.2 49.8 74.6



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

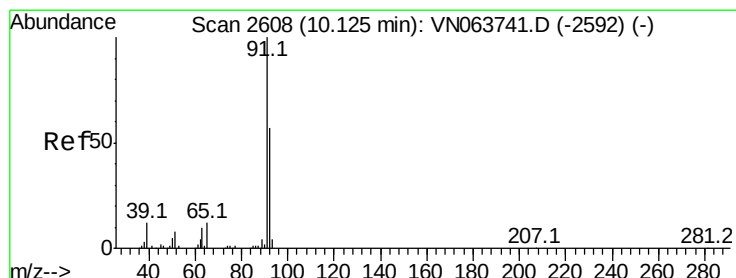
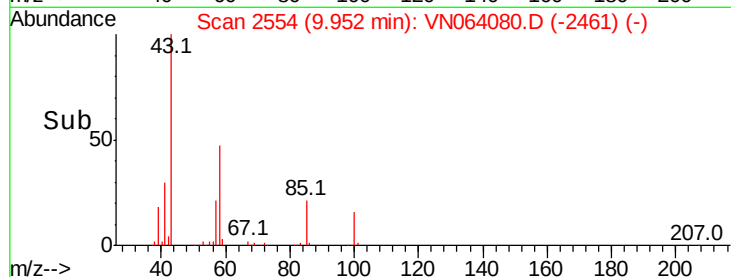
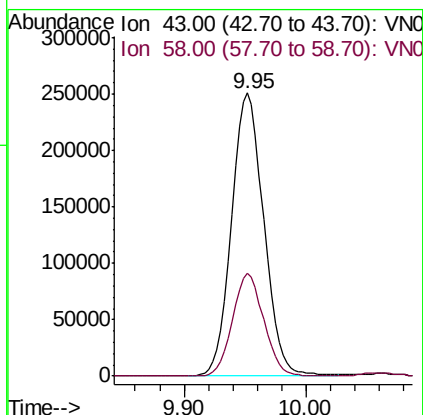
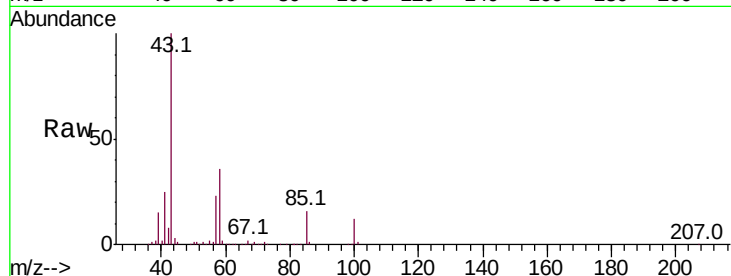




#51
4-Methyl-2-Pentanone
Concen: 115.472 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

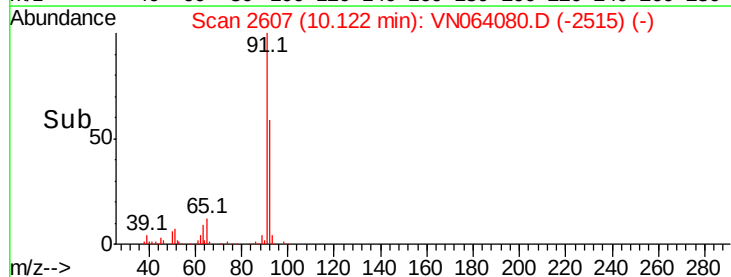
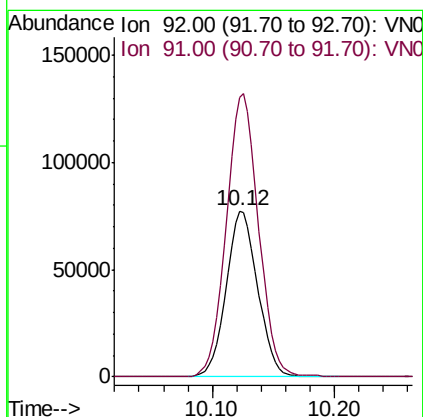
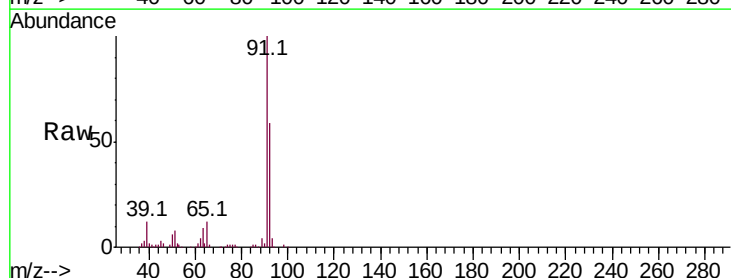
Instrument :
MSVOA_N
ClientSampled :
VN1012WBS01

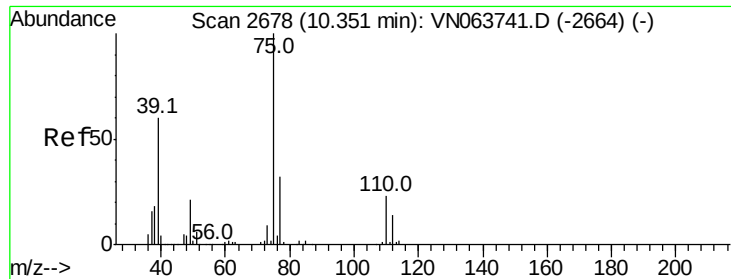
Tot Ion: 43 Resp: 459682
Ion Ratio Lower Upper
43 100
58 35.6 28.4 42.6



#52
Toluene
Concen: 19.049 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion: 92 Resp: 139305
Ion Ratio Lower Upper
92 100
91 174.5 140.6 210.8

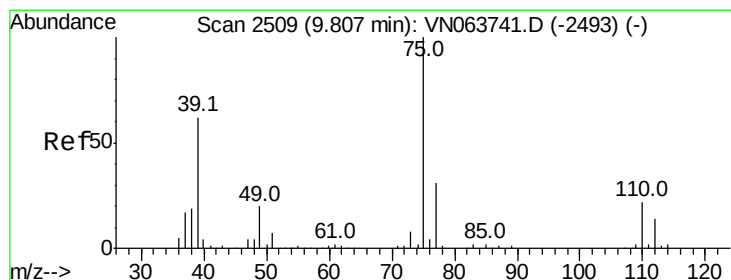
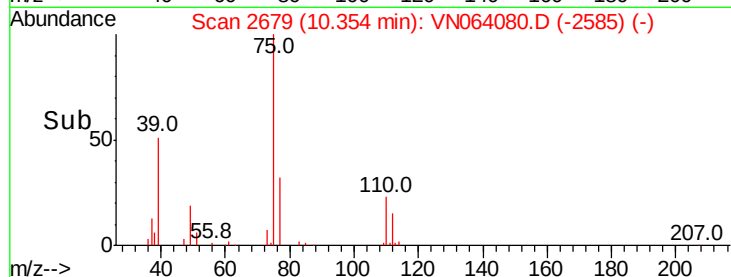
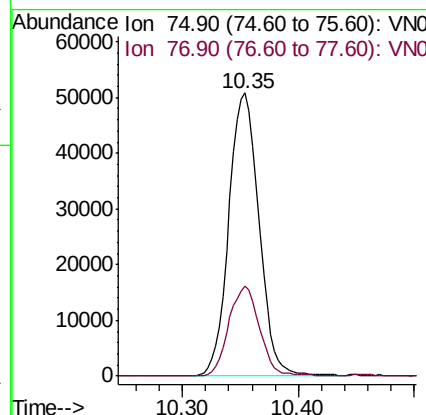
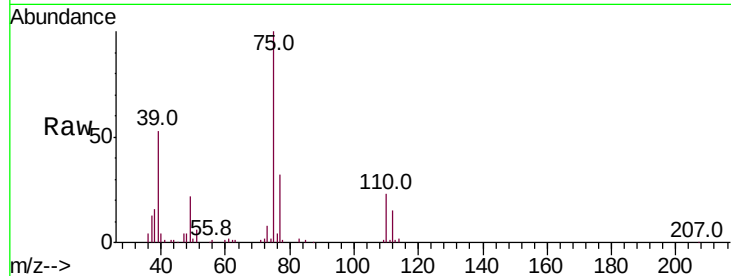




#53
 t-1,3-Dichloropropene
 Concen: 18.933 ug/l
 RT: 10.35 min Scan# 2679
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

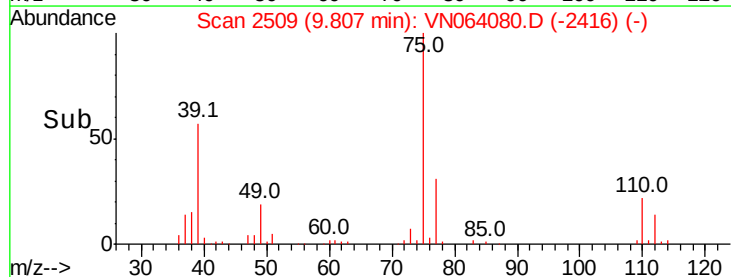
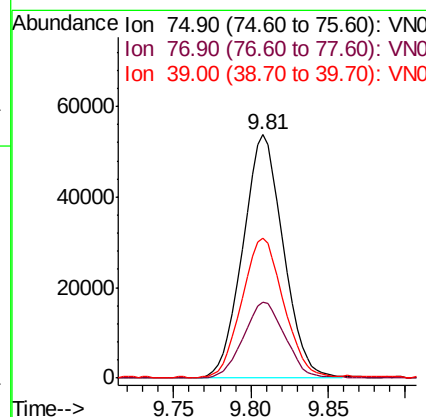
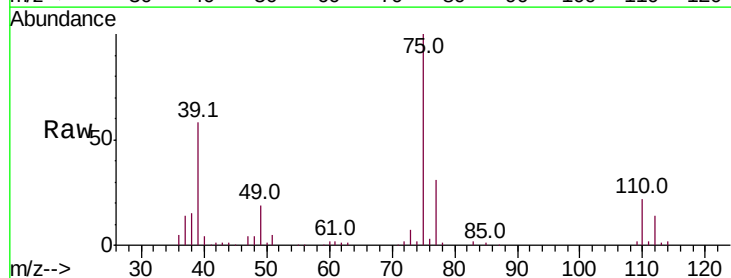
Instrument :
 MSVOA_N
 ClientSampled :
 VN1012WBS01

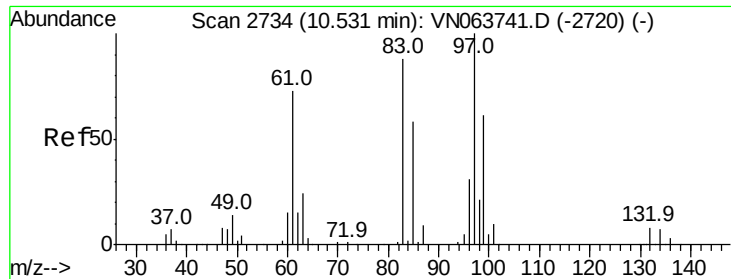
Tot Ion: 75 Resp: 92132
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.248 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Tgt Ion: 75 Resp: 97957
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.6 36.8
 39 57.3 49.7 74.5





#55

1,1,2-Trichloroethane

Concen: 19.509 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBS01

Tot Ion: 97 Resp: 57216

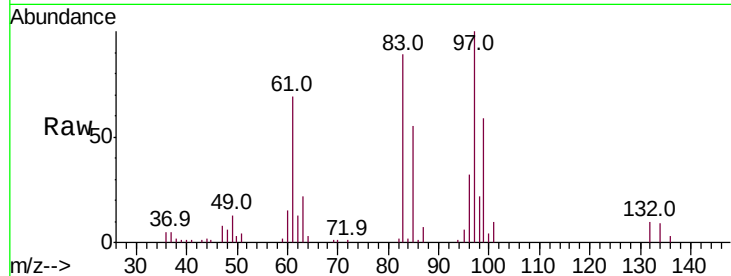
Ion Ratio Lower Upper

97 100

83 89.3 70.7 106.1

85 55.0 46.1 69.1

99 59.1 48.8 73.2

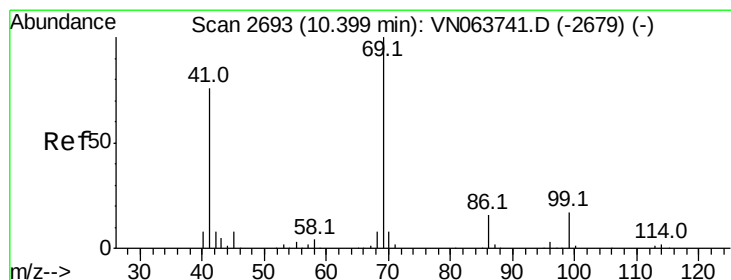
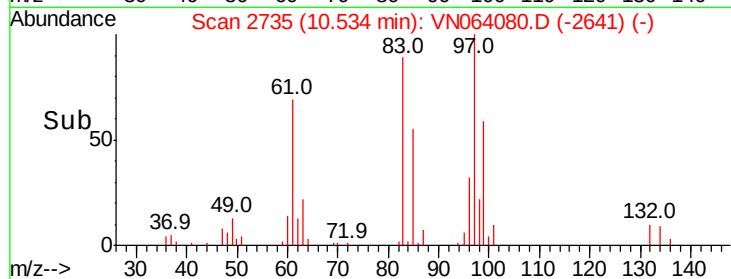
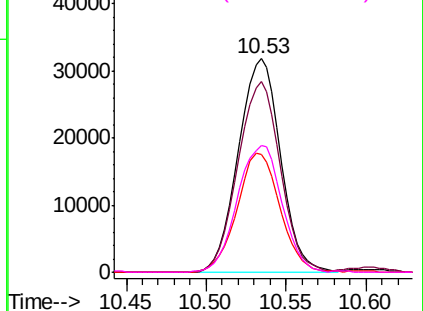


Abundance Ion 96.90 (96.60 to 97.60): VN063741.D (-2720) (-)

Ion 82.90 (82.60 to 83.60): VN063741.D (-2720) (-)

Ion 84.90 (84.60 to 85.60): VN063741.D (-2720) (-)

Ion 98.90 (98.60 to 99.60): VN063741.D (-2720) (-)



#56

Ethyl methacrylate

Concen: 19.245 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

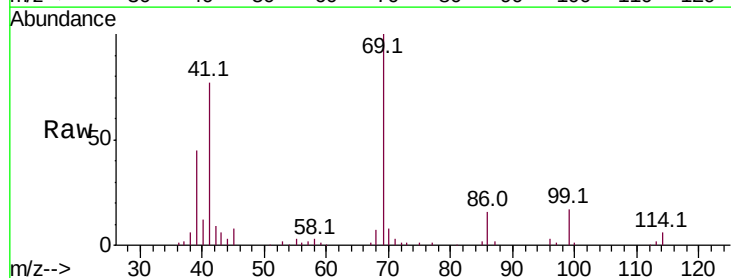
Tgt Ion: 69 Resp: 80002

Ion Ratio Lower Upper

69 100

41 78.8 61.1 91.7

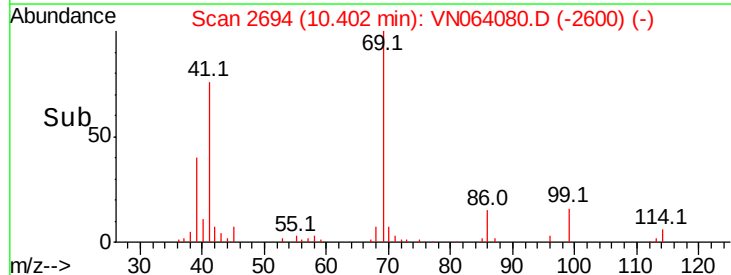
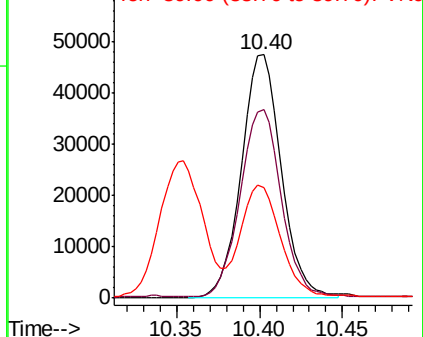
39 45.6 42.2 63.4

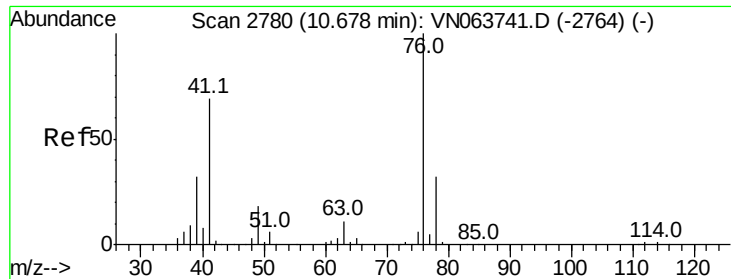


Abundance Ion 69.00 (68.70 to 69.70): VN063741.D (-2679) (-)

Ion 41.00 (40.70 to 41.70): VN063741.D (-2679) (-)

Ion 39.00 (38.70 to 39.70): VN063741.D (-2679) (-)

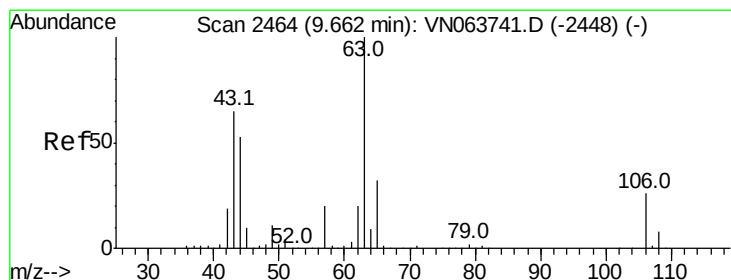
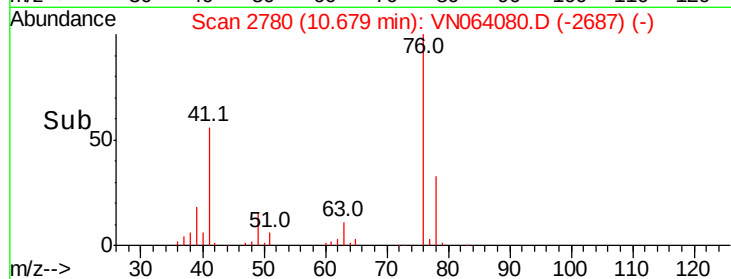
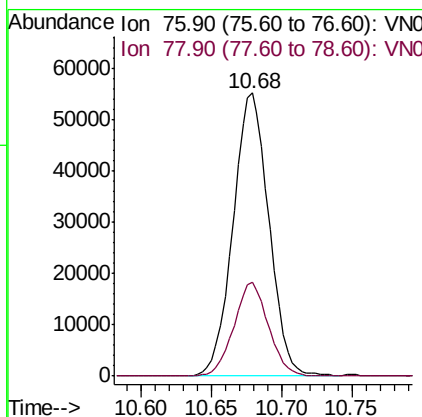
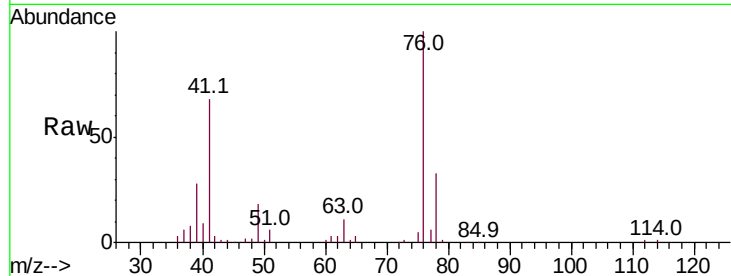




#57
 1,3-Dichloropropane
 Concen: 19.818 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

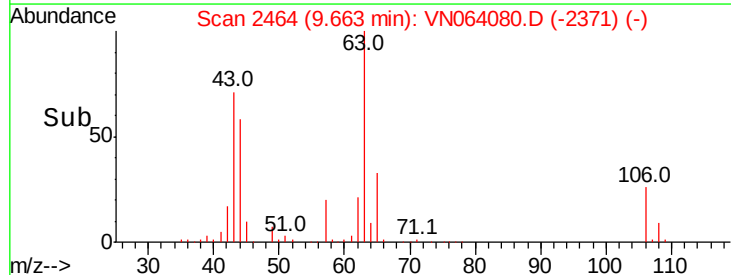
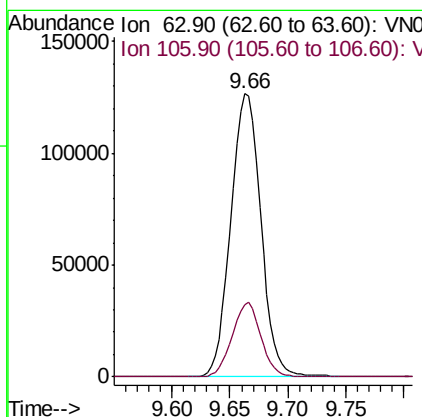
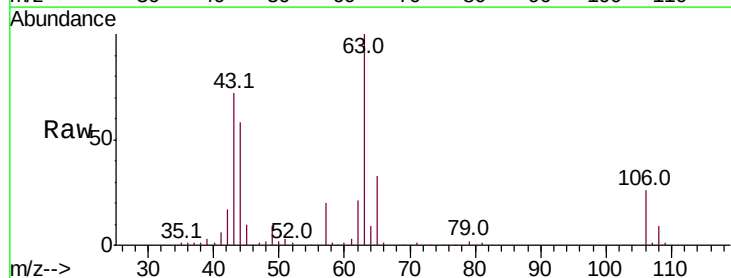
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS01

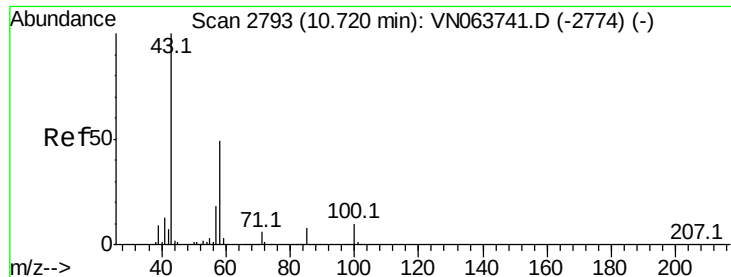
Tot Ion: 76 Resp: 98333
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.373 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Tgt Ion: 63 Resp: 227647
 Ion Ratio Lower Upper
 63 100
 106 25.1 20.7 31.1

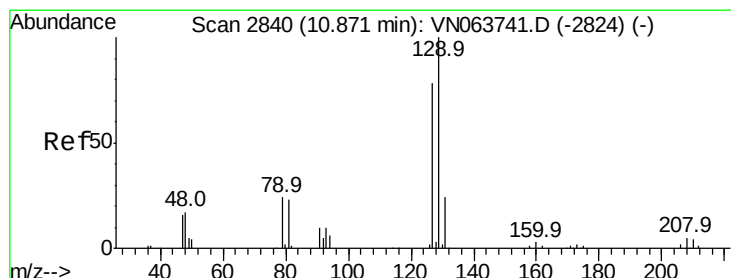
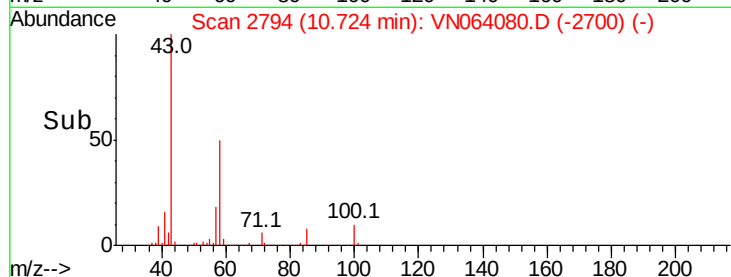
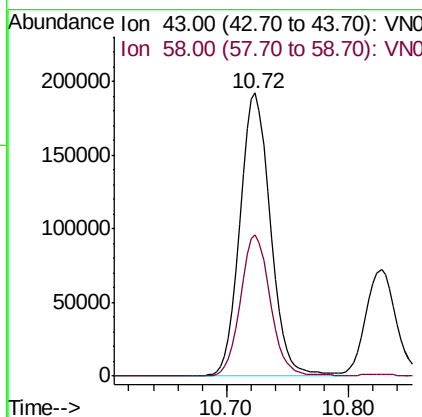
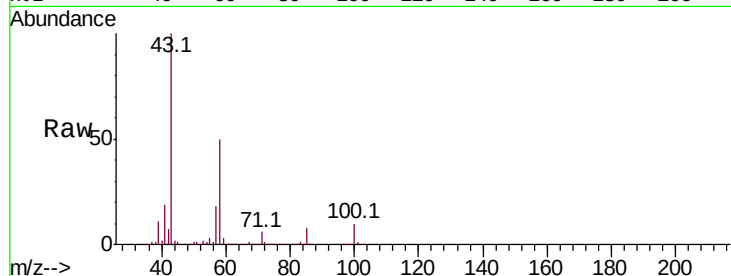




#59
2-Hexanone
Concen: 111.272 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

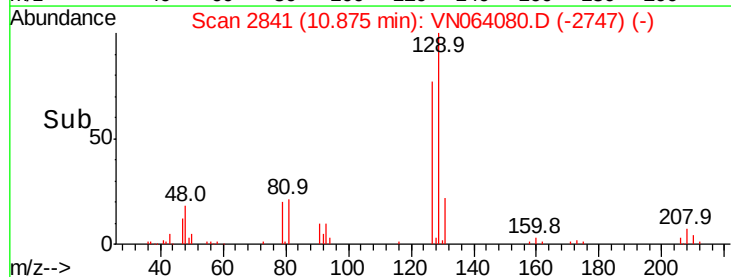
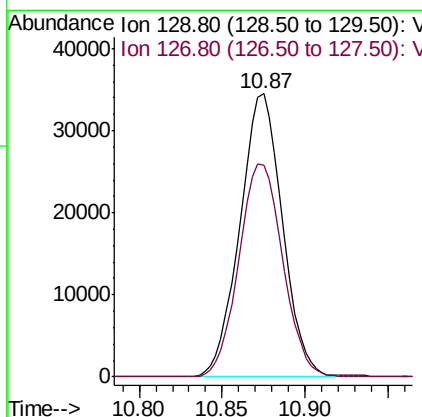
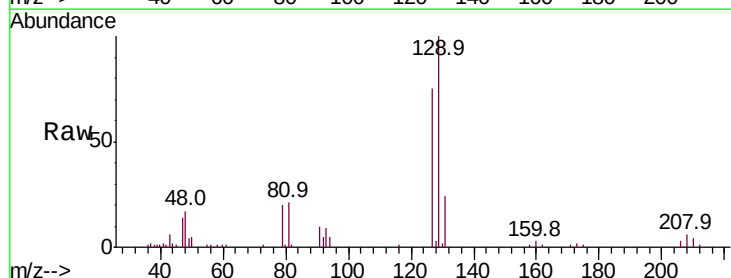
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

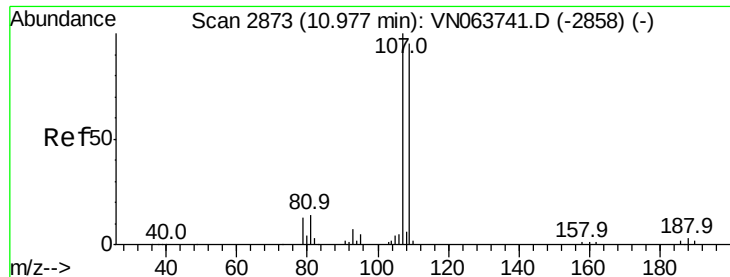
Tot Ion: 43 Resp: 329058
Ion Ratio Lower Upper
43 100
58 49.3 24.6 73.8



#60
Dibromochloromethane
Concen: 18.102 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion: 129 Resp: 61826
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.479 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

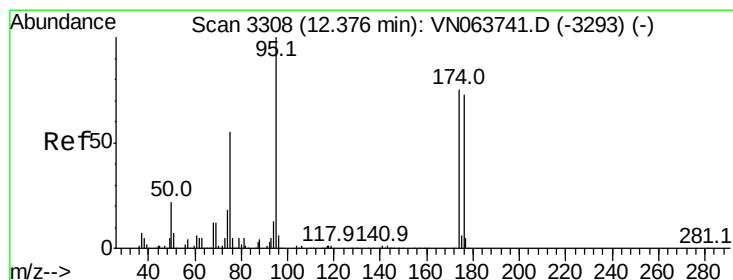
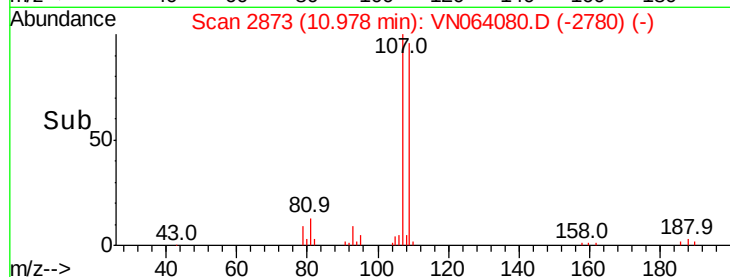
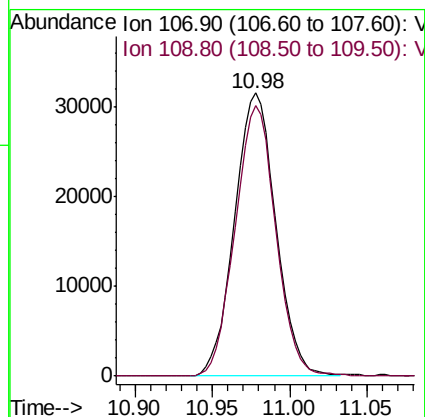
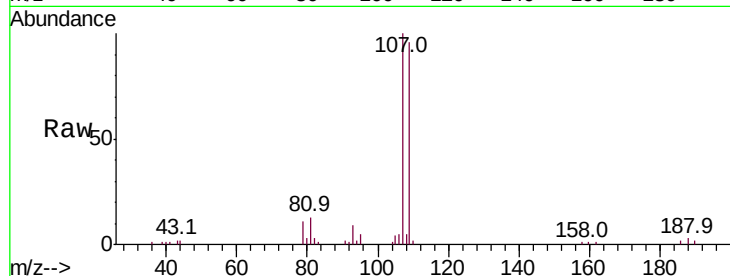
VN1012WBS01

Tot Ion:107 Resp: 58439

Ion Ratio Lower Upper

107 100

109 93.9 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 46.514 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

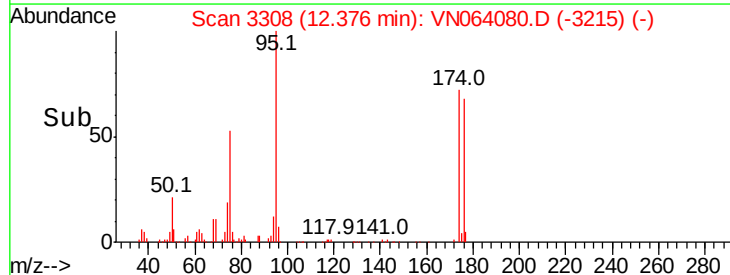
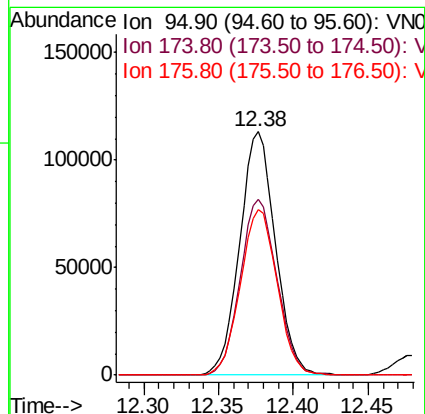
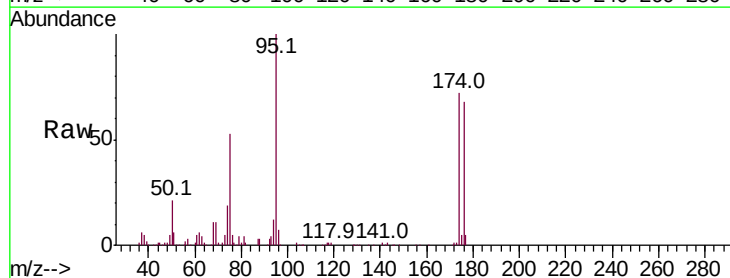
Tgt Ion: 95 Resp: 187923

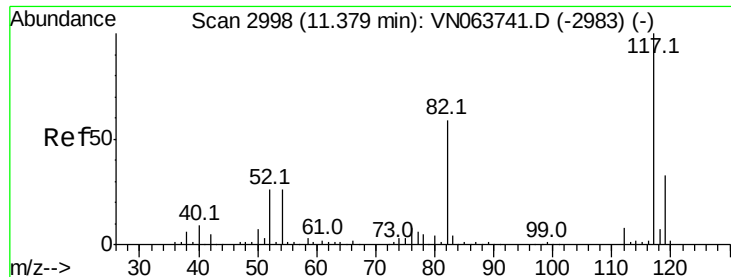
Ion Ratio Lower Upper

95 100

174 74.4 0.0 150.6

176 70.1 0.0 145.4

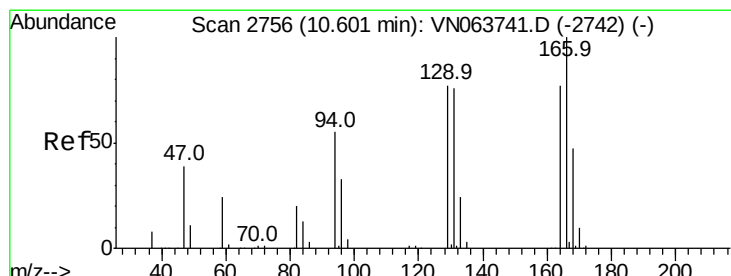
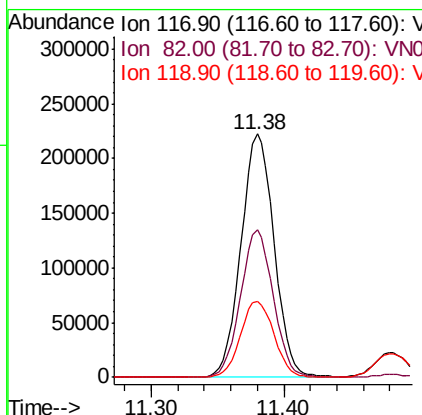
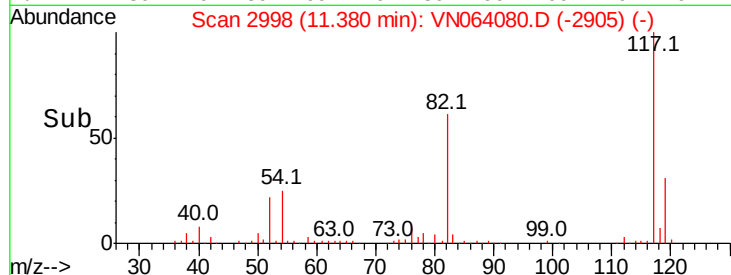
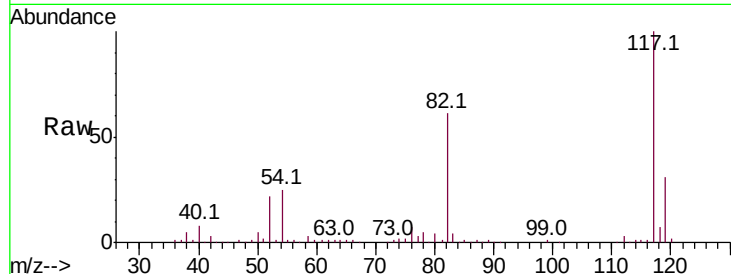




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2998
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

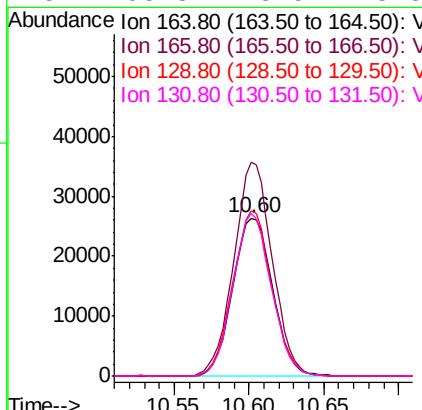
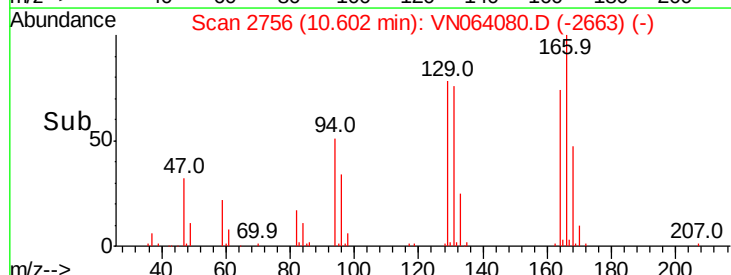
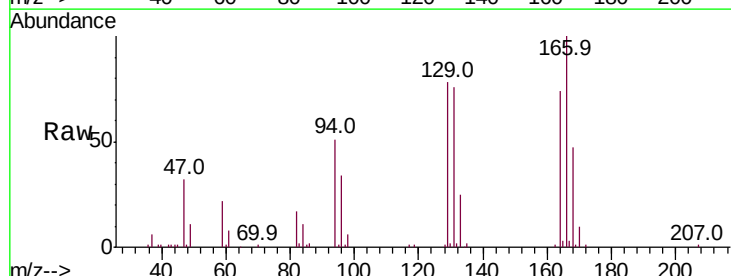
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS01

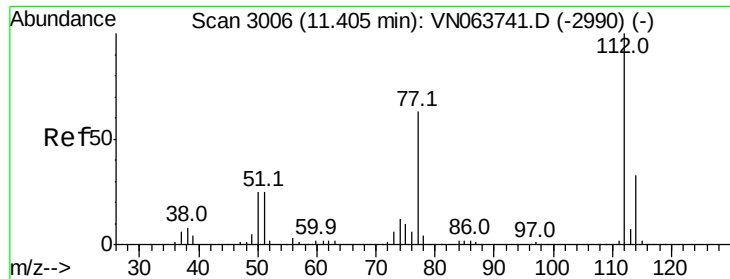
Tot Ion:	117	Resp:	386920
Ion	Ratio	Lower	Upper
117	100		
82	60.7	47.4	71.2
119	31.1	26.4	39.6



#64
 Tetrachloroethene
 Concen: 16.325 ug/l
 RT: 10.60 min Scan# 2756
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Tgt Ion:	164	Resp:	48868
Ion	Ratio	Lower	Upper
164	100		
166	135.4	103.9	155.9
129	105.1	80.3	120.5
131	103.3	78.9	118.3

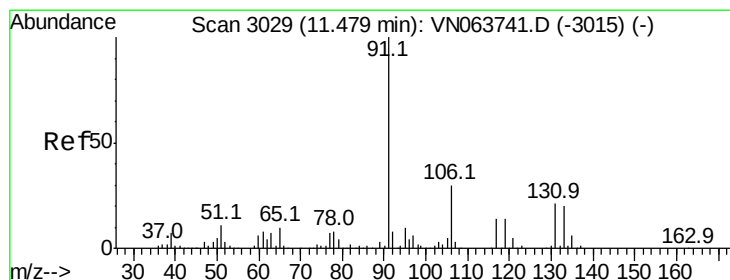
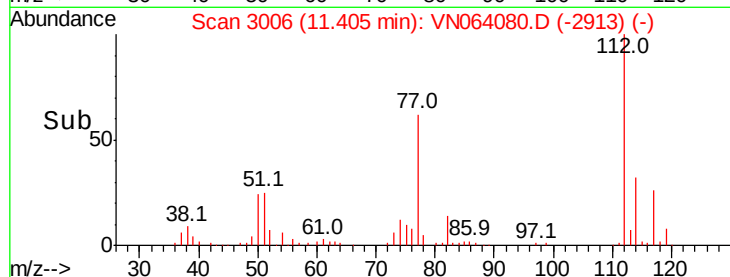
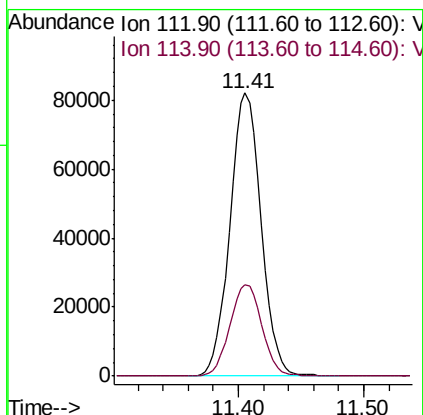
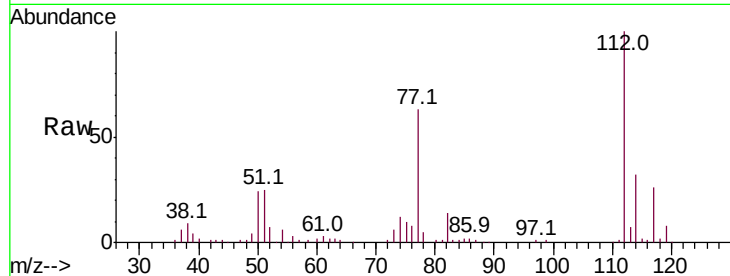




#65
Chlorobenzene
Concen: 17.838 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

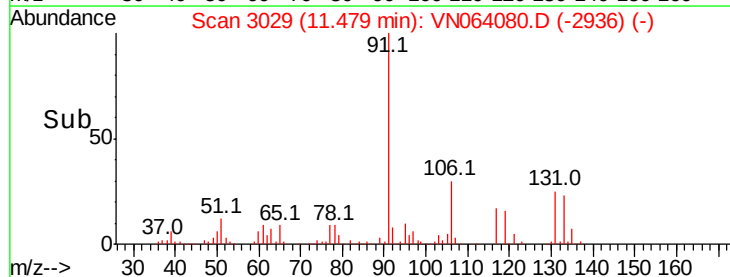
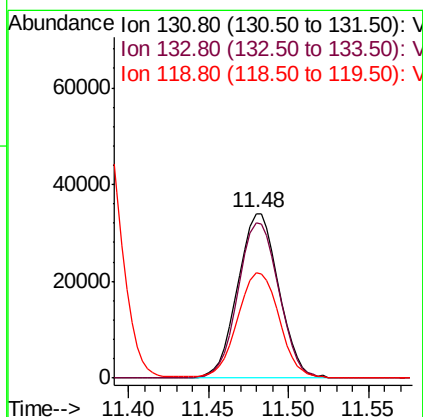
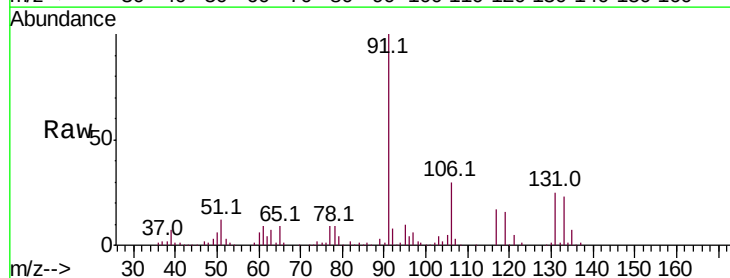
Instrument :
MSVOA_N
ClientSampled :
VN1012WBS01

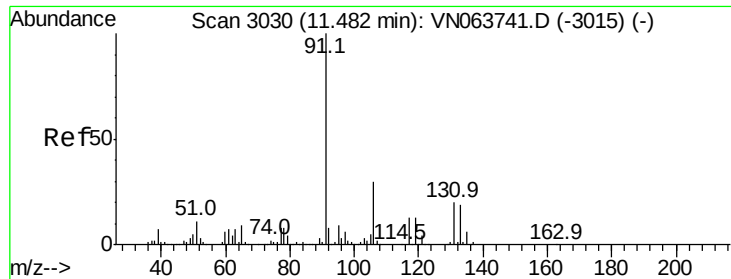
Tot Ion:112 Resp: 141581
Ion Ratio Lower Upper
112 100
114 32.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.505 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion:131 Resp: 59350
Ion Ratio Lower Upper
131 100
133 94.3 47.3 141.8
119 65.8 32.6 97.7

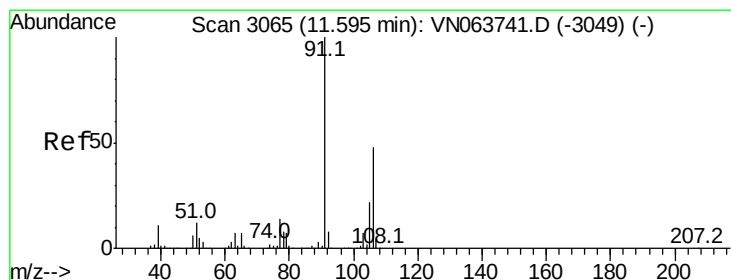
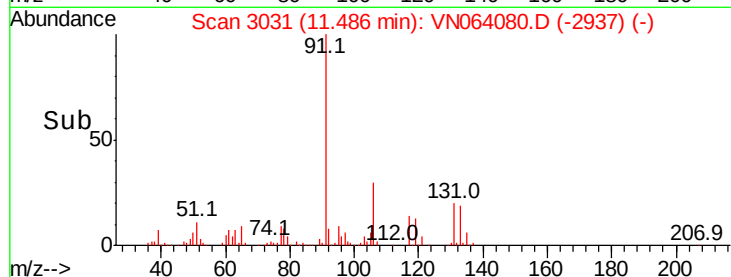
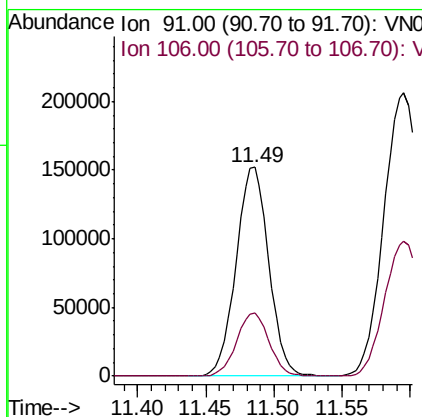
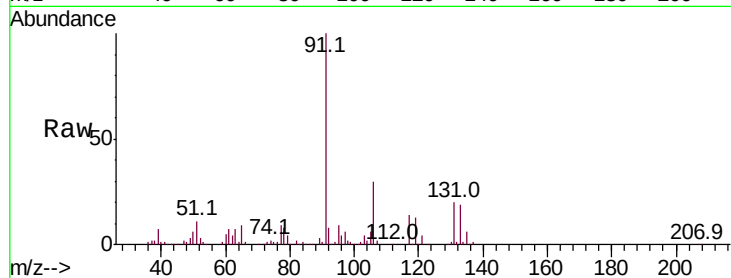




#67
Ethyl Benzene
Concen: 17.545 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

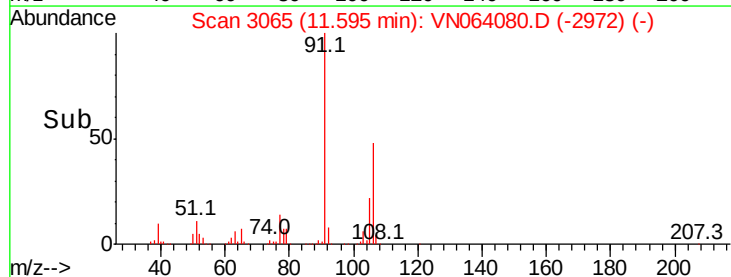
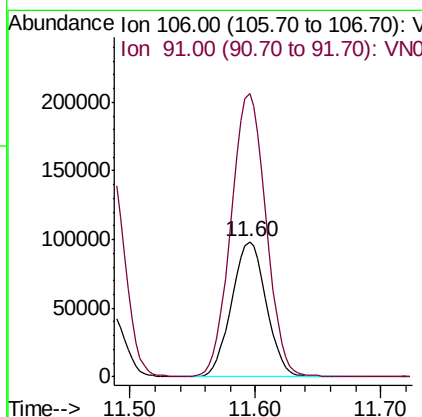
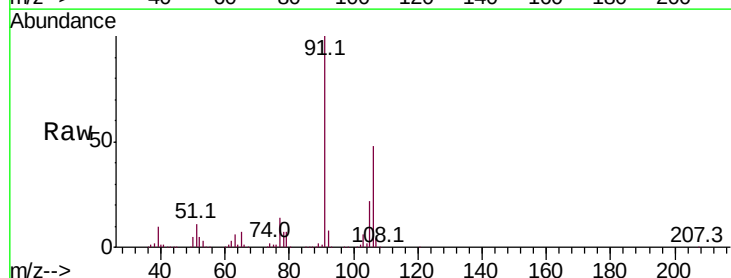
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

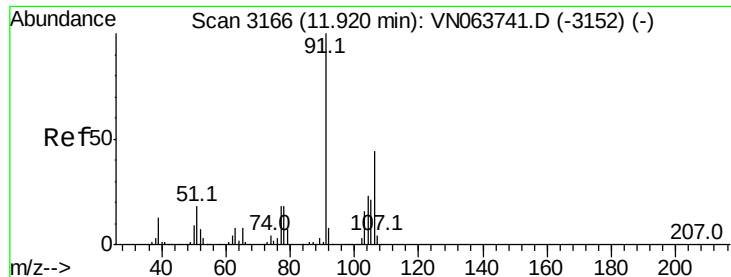
Tot Ion: 91 Resp: 253397
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.2



#68
m/p-Xylenes
Concen: 34.985 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion: 106 Resp: 188312
Ion Ratio Lower Upper
106 100
91 212.8 168.0 252.0

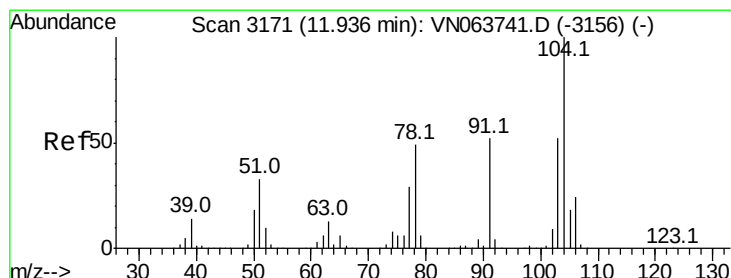
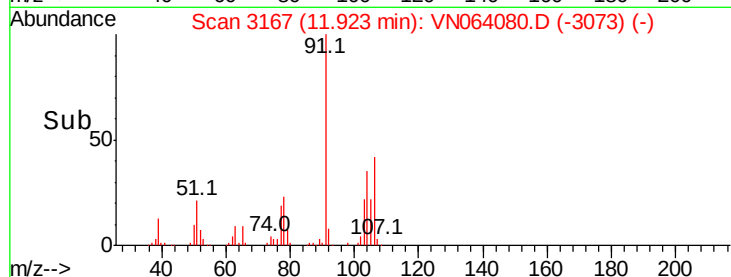
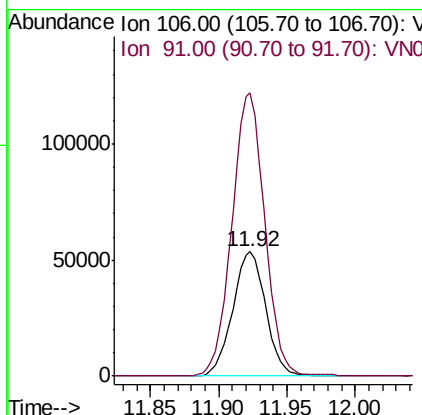
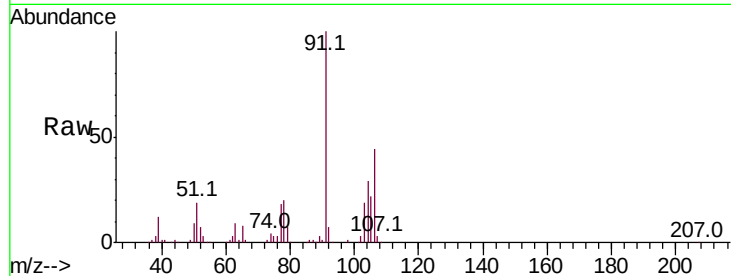




#69
o-Xylene
Concen: 17.918 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

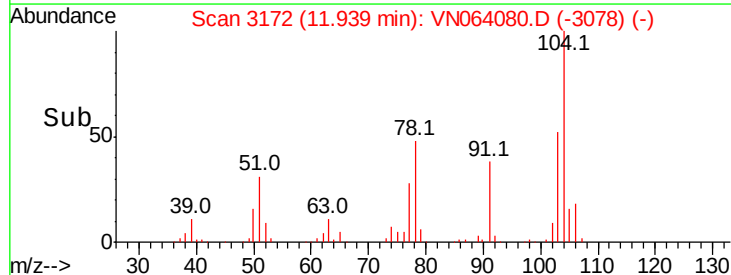
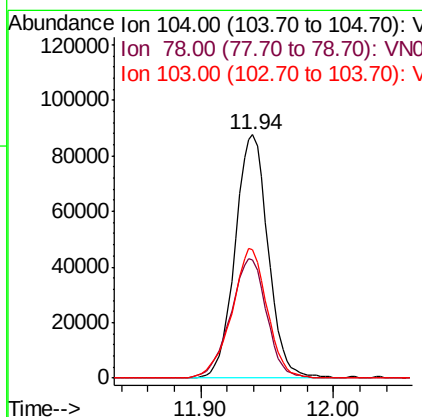
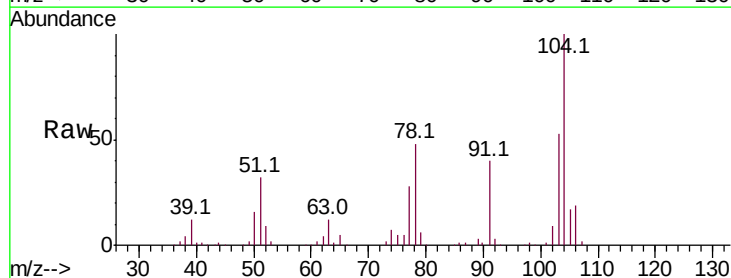
Instrument :
MSVOA_N
ClientSampled :
VN1012WBS01

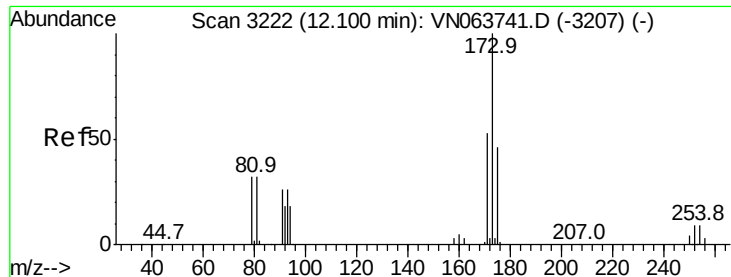
Tot Ion:106 Resp: 90144
Ion Ratio Lower Upper
106 100
91 226.6 112.7 338.0



#70
Styrene
Concen: 17.750 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion:104 Resp: 151584
Ion Ratio Lower Upper
104 100
78 53.7 44.1 66.1
103 57.2 44.3 66.5





#71

Bromoform

Concen: 18.527 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBS01

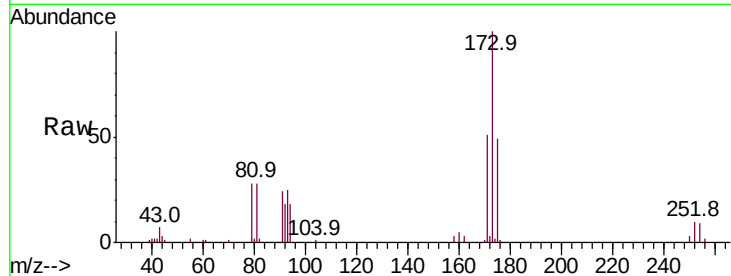
Tot Ion:173 Resp: 43115

Ion Ratio Lower Upper

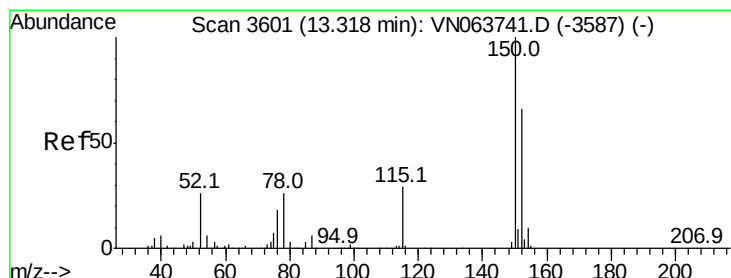
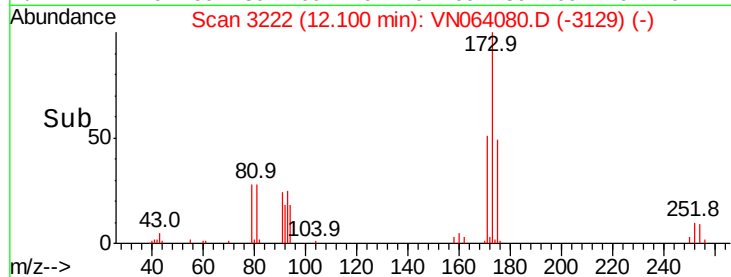
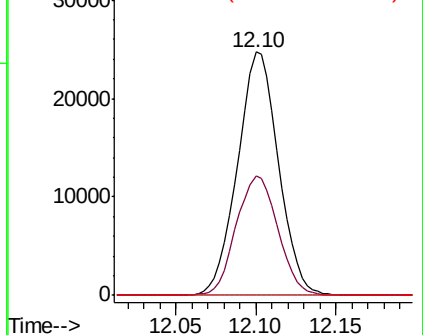
173 100

175 50.0 23.5 70.5

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: VN064080.D

Acq: 12 Oct 2020 16:11

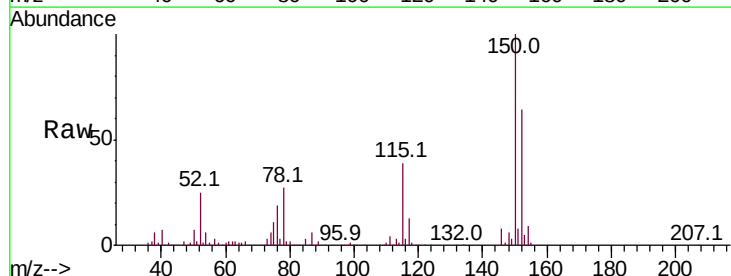
Tgt Ion:152 Resp: 174627

Ion Ratio Lower Upper

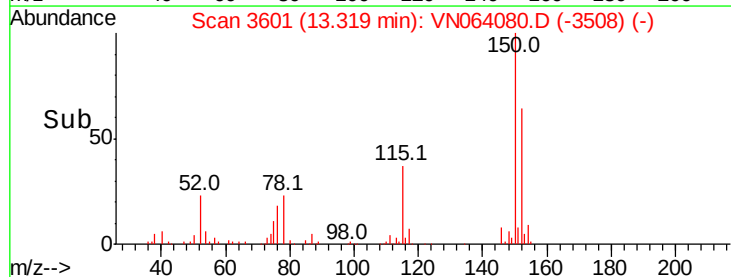
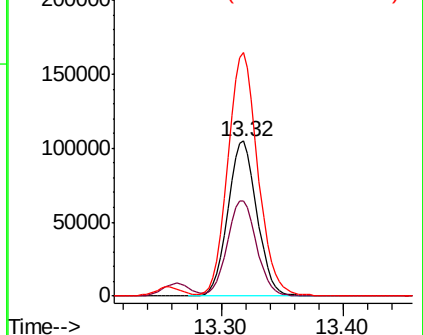
152 100

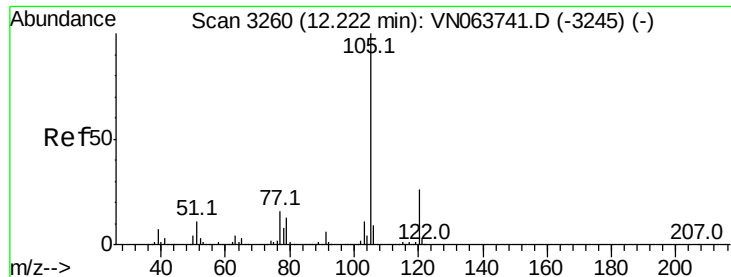
115 61.5 31.3 93.8

150 161.9 0.0 341.8



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: 18.421 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

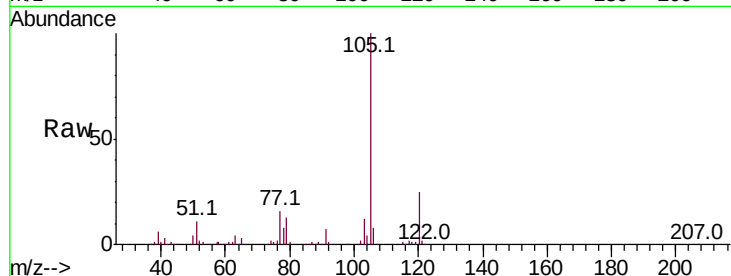
VN1012WBS01

Tot Ion:105 Resp: 234633

Ion Ratio Lower Upper

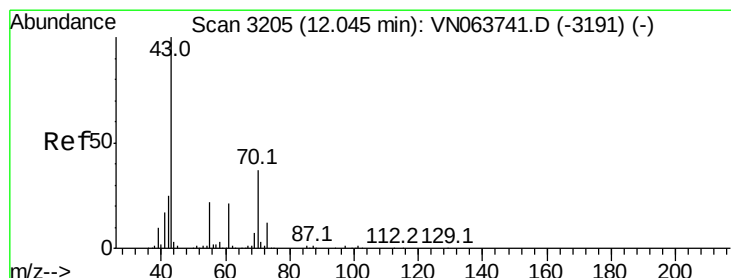
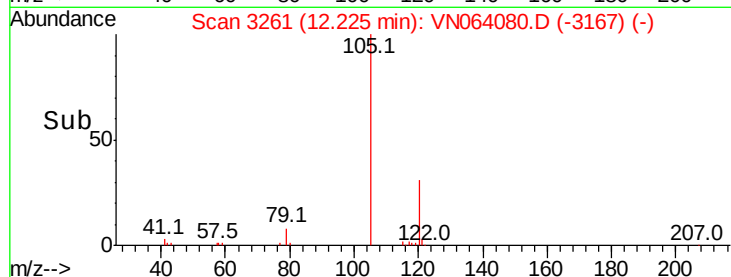
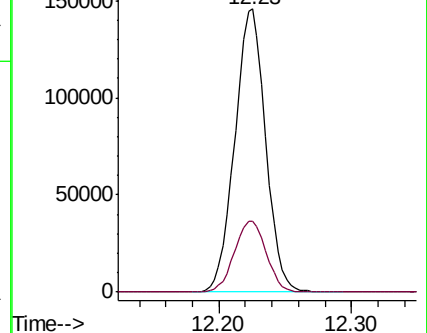
105 100

120 26.1 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.257 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Tgt Ion: 43 Resp: 111757

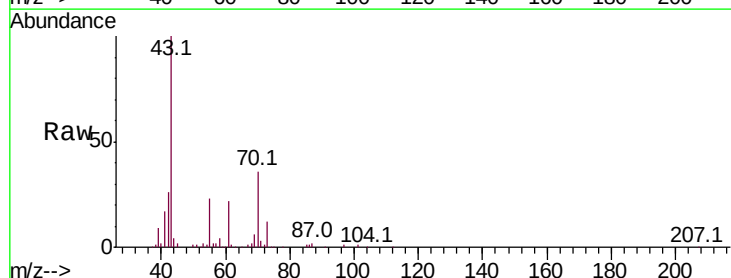
Ion Ratio Lower Upper

43 100

70 36.8 29.8 44.8

55 23.7 17.9 26.9

61 22.0 17.0 25.4

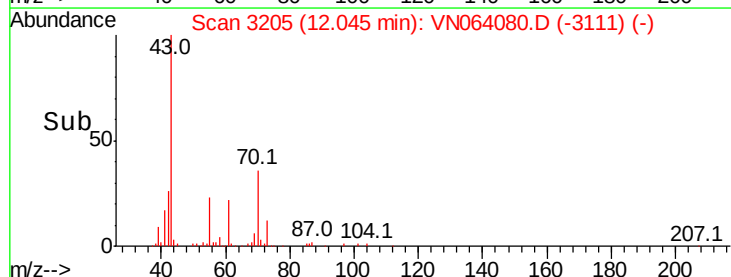
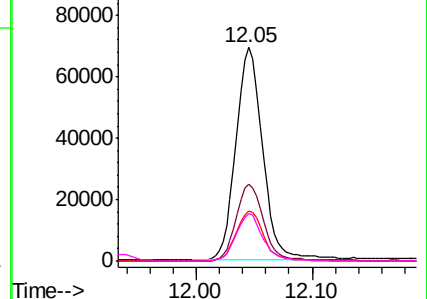


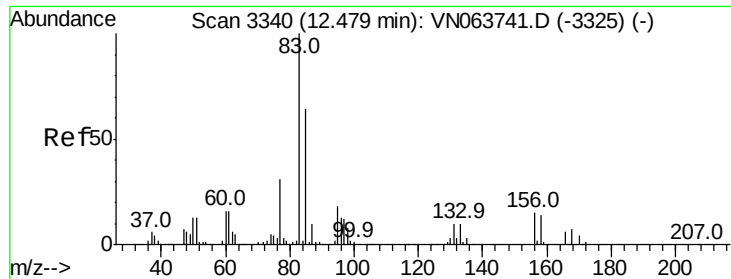
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.668 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

ClientSampled :

VN1012WBS01

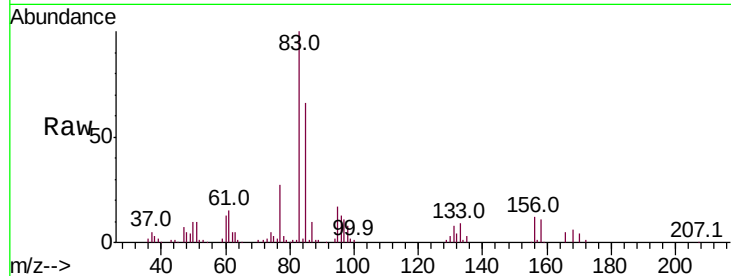
Tot Ion: 83 Resp: 84394

Ion Ratio Lower Upper

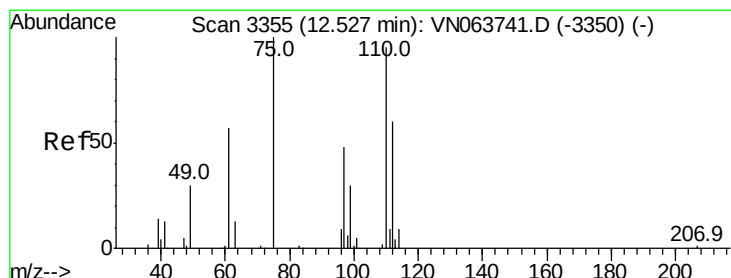
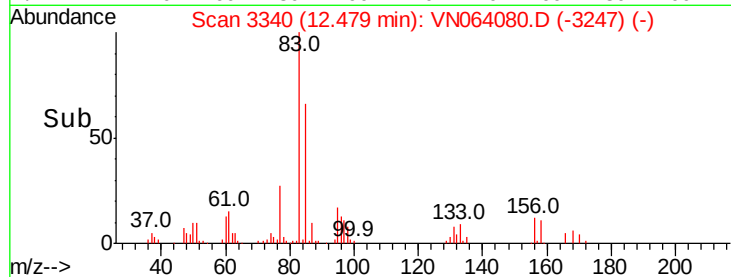
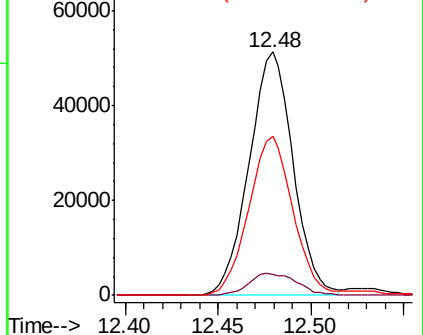
83 100

131 9.9 5.3 15.8

85 65.7 31.3 93.8



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



#76

1,2,3-Trichloropropane

Concen: 29.905 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064080.D

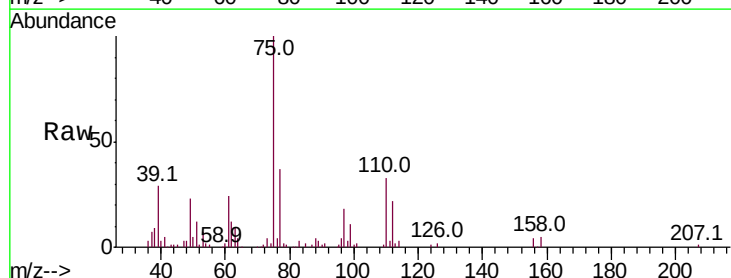
Acq: 12 Oct 2020 16:11

Tgt Ion: 75 Resp: 115117

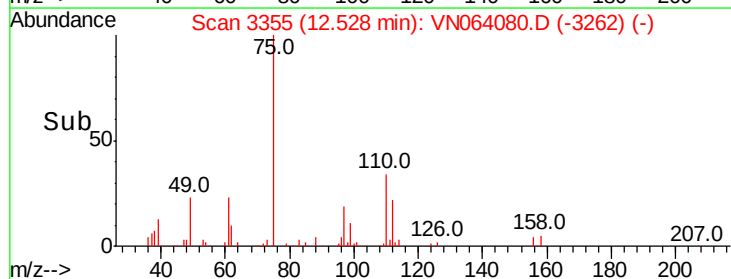
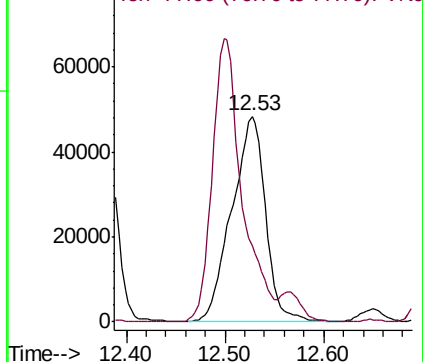
Ion Ratio Lower Upper

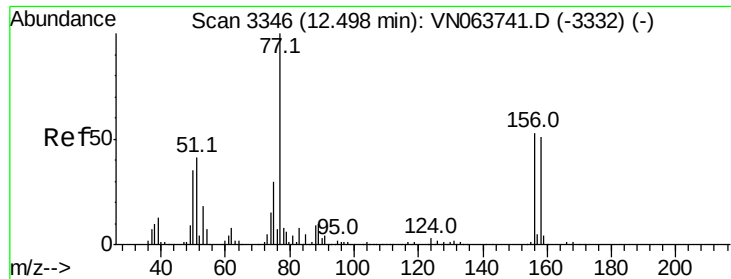
75 100

77 0.0 0.0 0.0



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

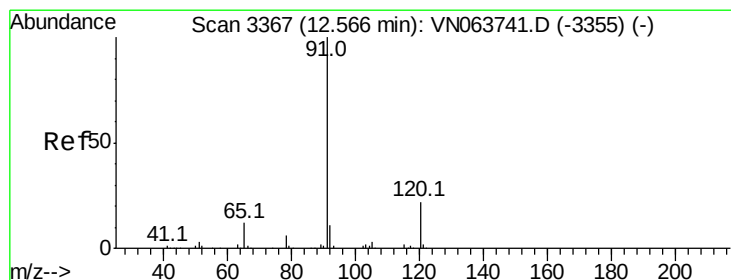
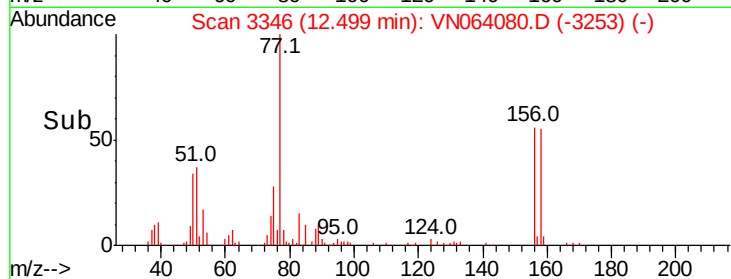
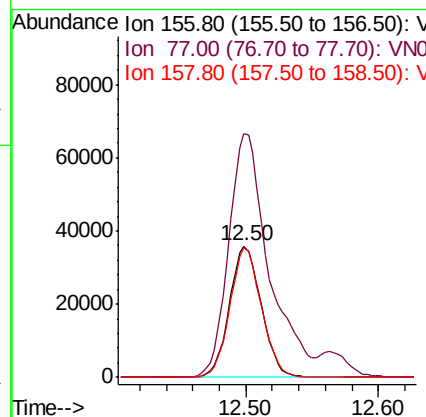
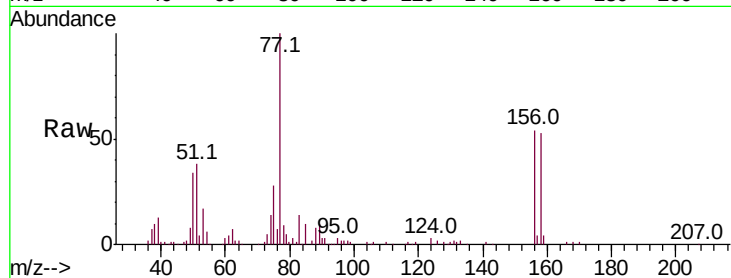




#77
Bromobenzene
Concen: 19.223 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

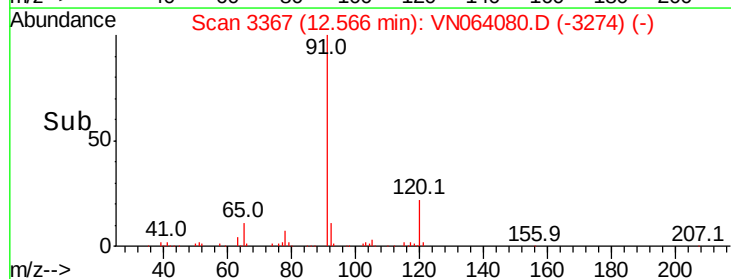
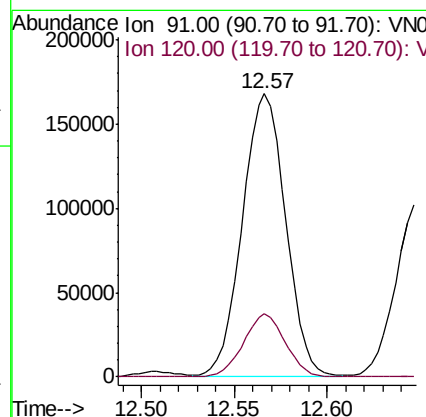
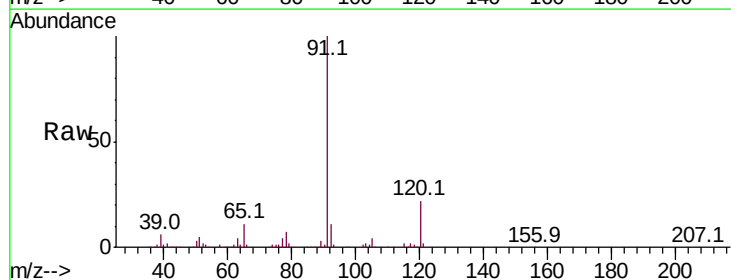
Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

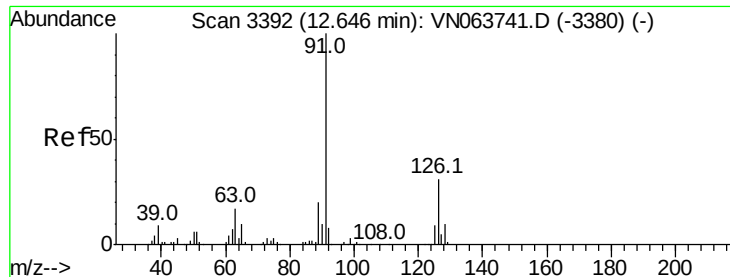
Tot Ion:156 Resp: 60079
Ion Ratio Lower Upper
156 100
77 232.6 110.9 332.7
158 97.3 47.7 143.1



#78
n-propylbenzene
Concen: 18.354 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion: 91 Resp: 272069
Ion Ratio Lower Upper
91 100
120 21.5 11.1 33.1

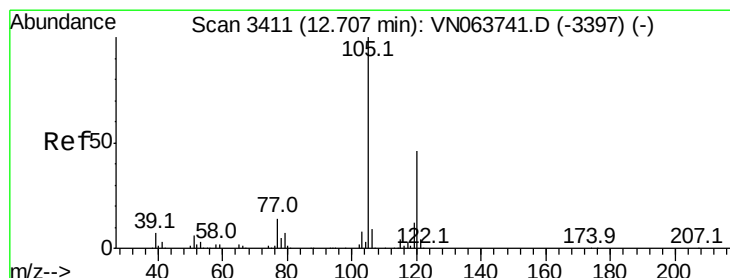
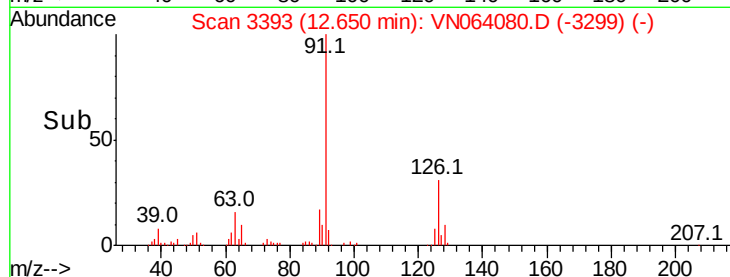
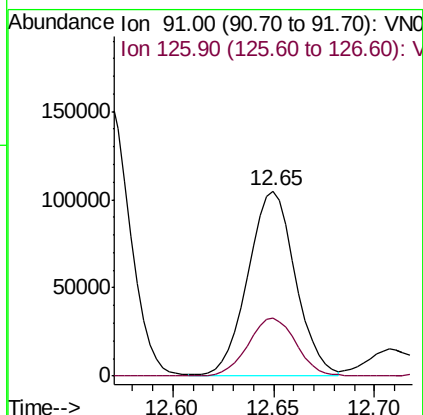
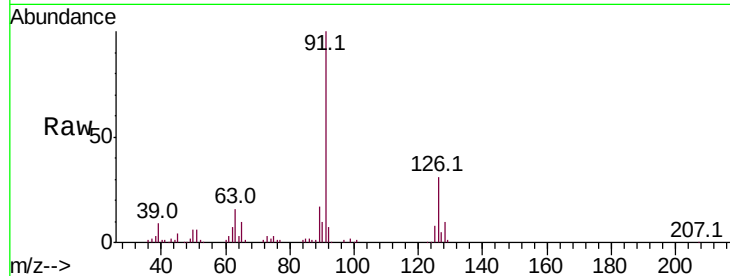




#79
 2-Chlorotoluene
 Concen: 18.938 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

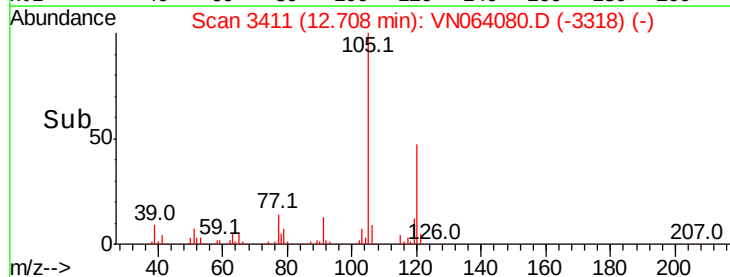
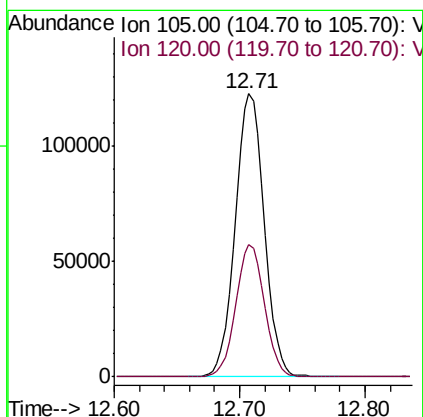
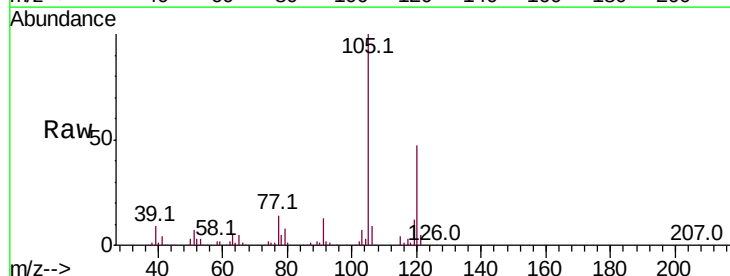
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS01

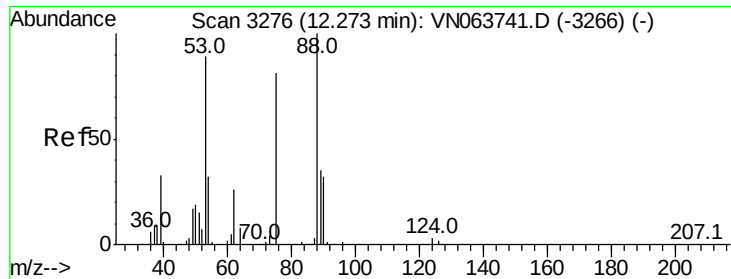
Tot Ion: 91 Resp: 172648
 Ion Ratio Lower Upper
 91 100
 126 32.0 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 18.408 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Tgt Ion: 105 Resp: 196704
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 20.470 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBS01

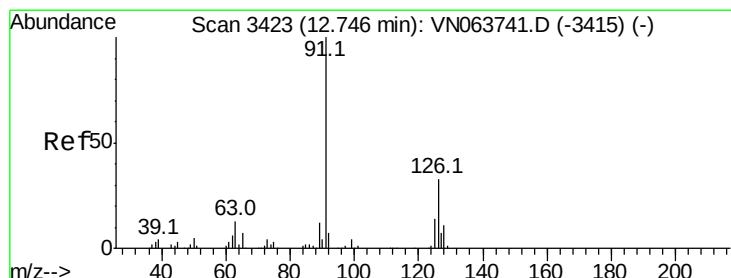
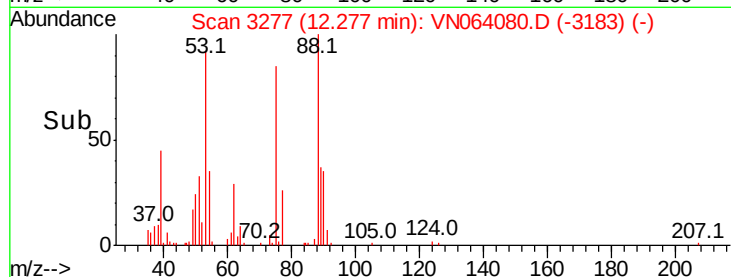
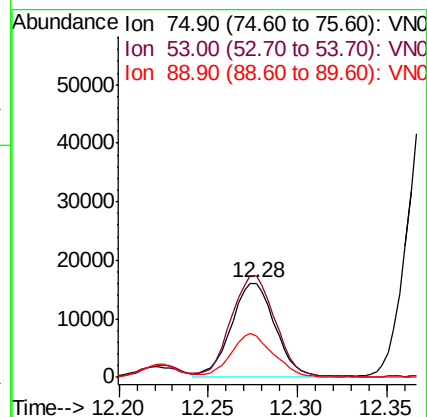
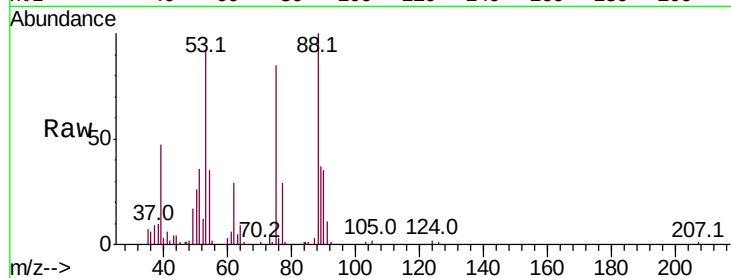
Tot Ion: 75 Resp: 27359

Ion Ratio Lower Upper

75 100

53 106.0 88.2 132.2

89 45.5 36.0 54.0



#82

4-Chlorotoluene

Concen: 18.854 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064080.D

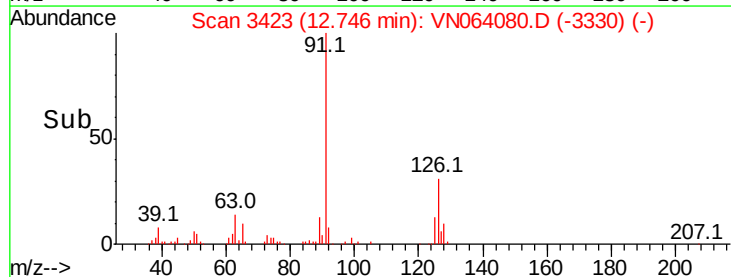
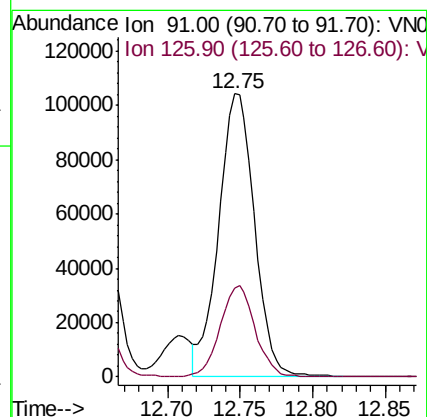
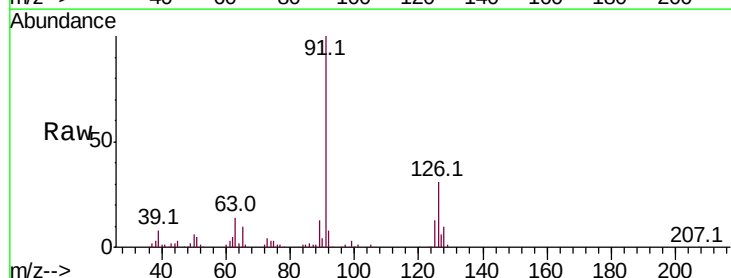
Acq: 12 Oct 2020 16:11

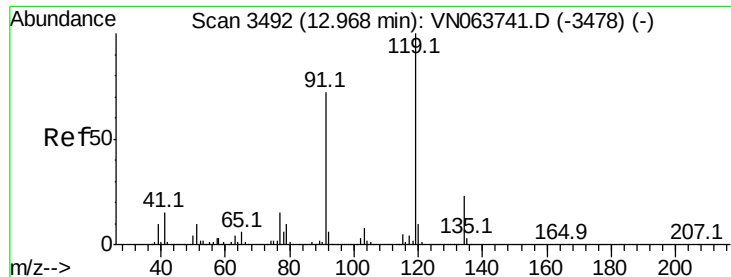
Tgt Ion: 91 Resp: 178436

Ion Ratio Lower Upper

91 100

126 31.4 15.4 46.2

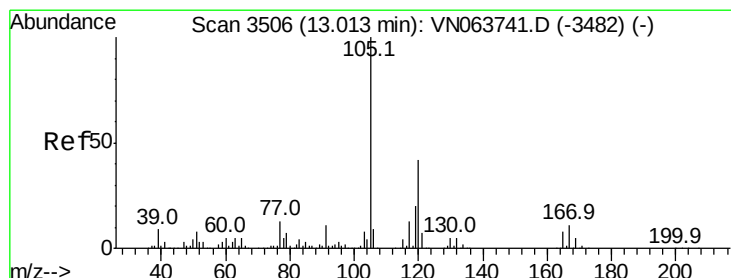
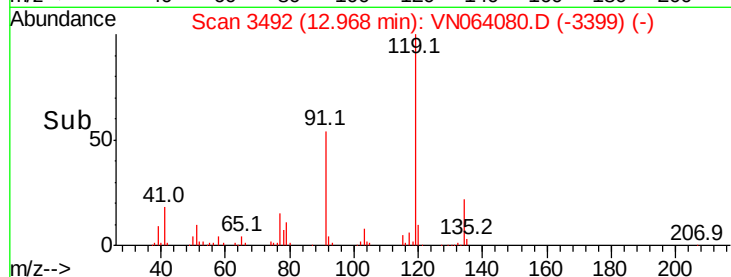
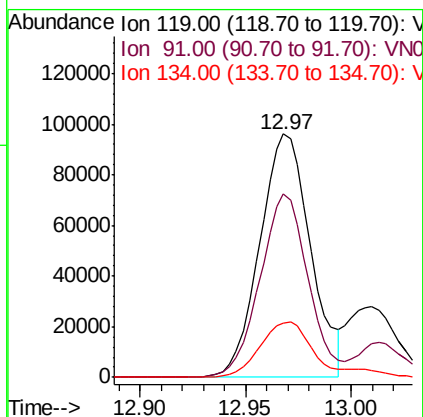
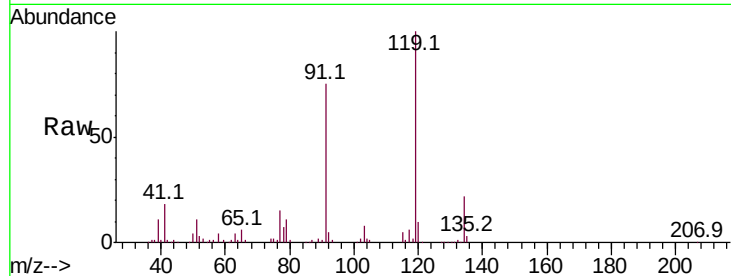




#83
 tert-Butylbenzene
 Concen: 18.395 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

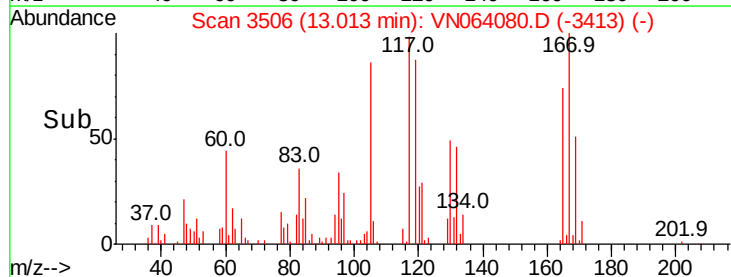
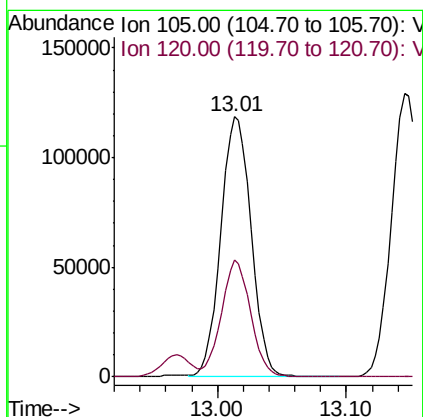
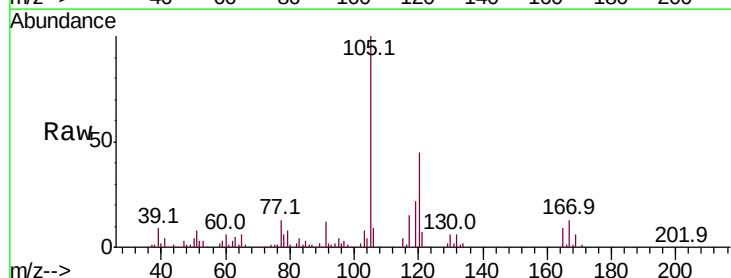
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS01

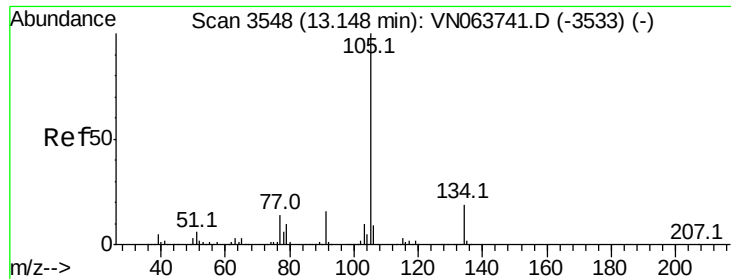
Tot Ion:119 Resp: 160786
 Ion Ratio Lower Upper
 119 100
 91 71.4 35.5 106.5
 134 25.2 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.032 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Tgt Ion:105 Resp: 192385
 Ion Ratio Lower Upper
 105 100
 120 43.4 20.9 62.7





#85

sec-Butylbenzene

Concen: 18.069 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

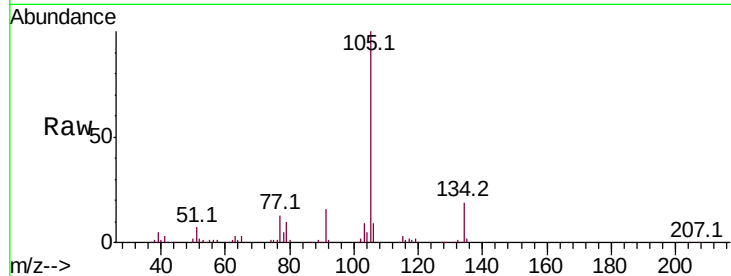
VN1012WBS01

Tot Ion:105 Resp: 207438

Ion Ratio Lower Upper

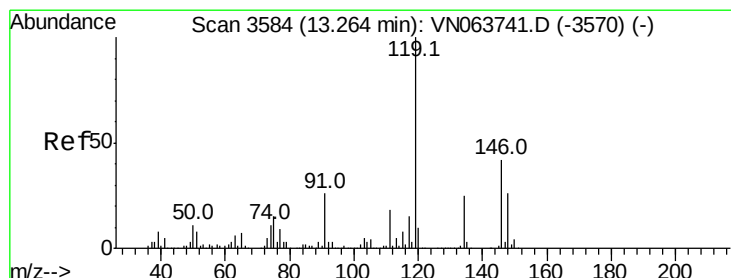
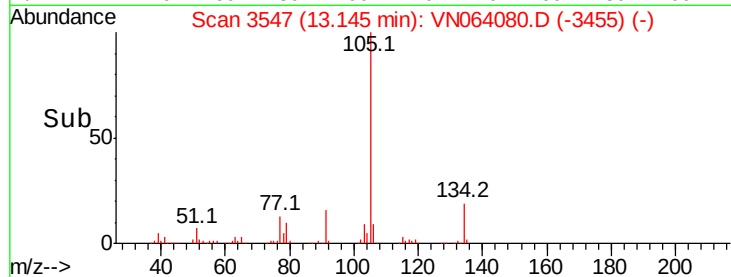
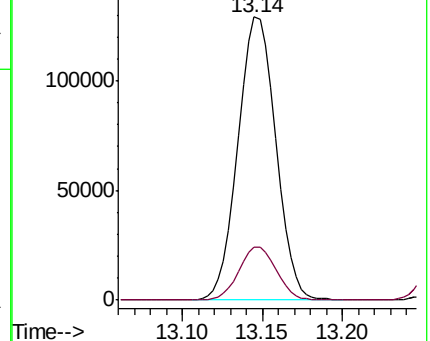
105 100

134 18.6 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 17.706 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

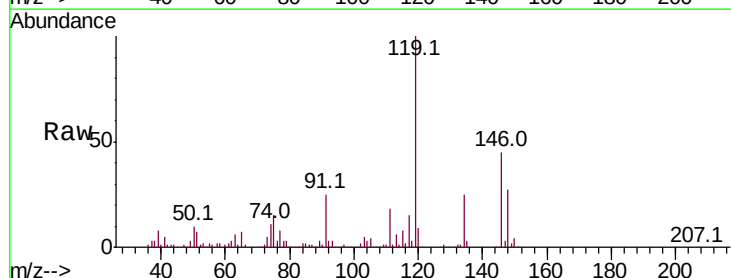
Tgt Ion:119 Resp: 179829

Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

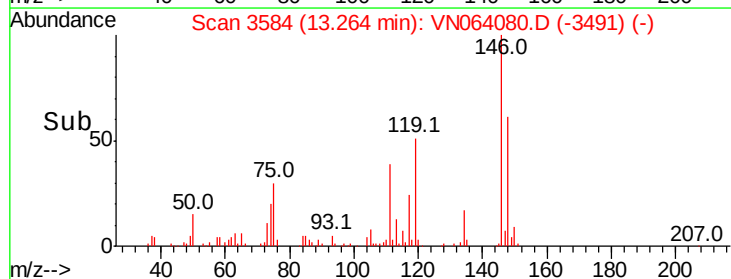
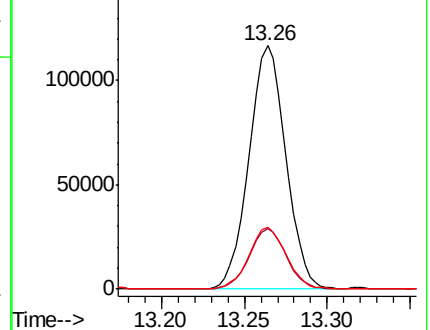
91 26.1 13.4 40.2

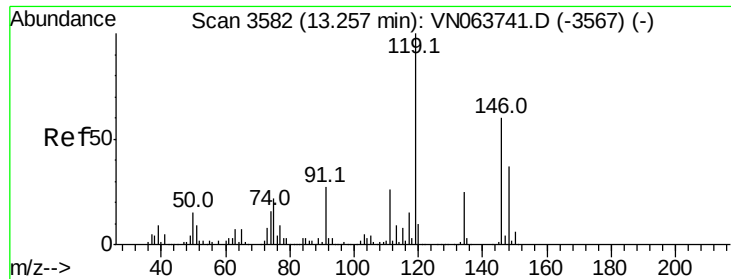


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

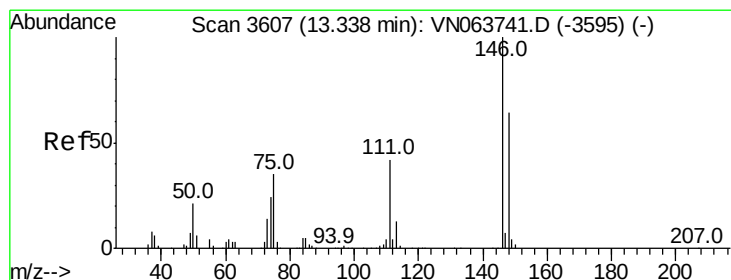
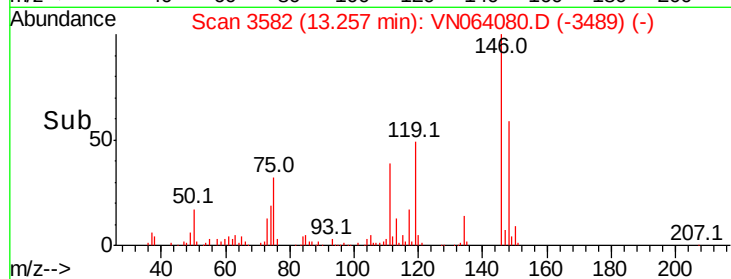
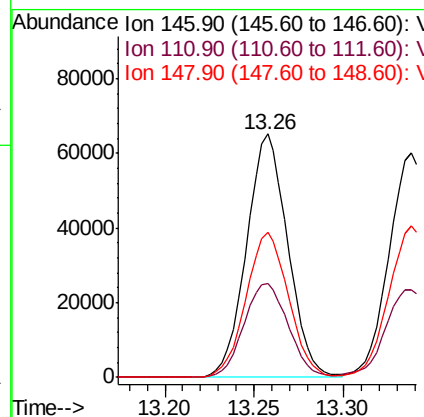
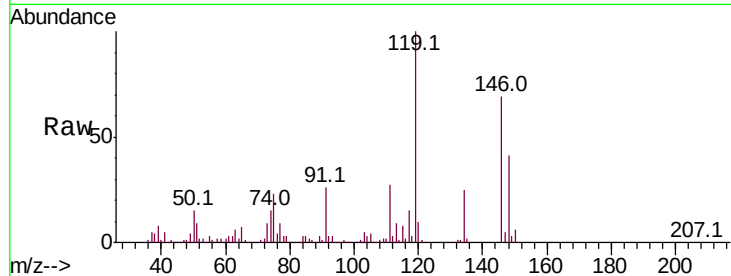




#87
 1,3-Dichlorobenzene
 Concen: 18.693 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

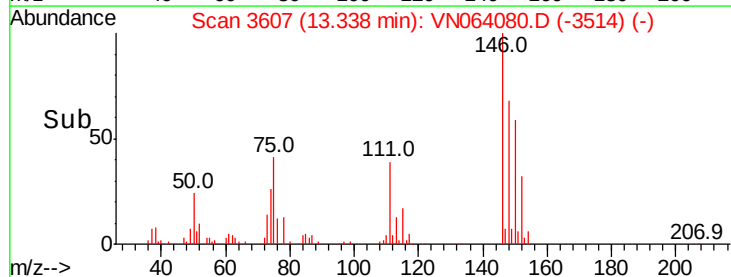
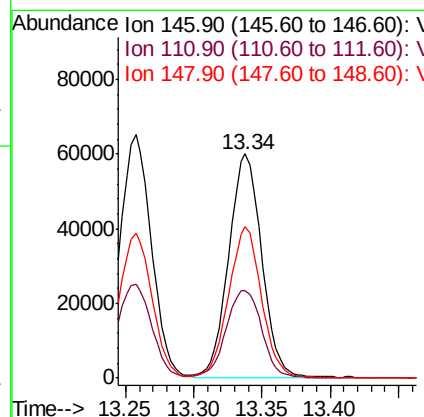
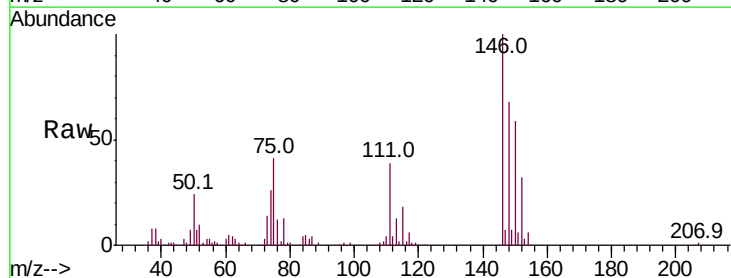
Instrument :
 MSVOA_N
 ClientSampled :
 VN1012WBS01

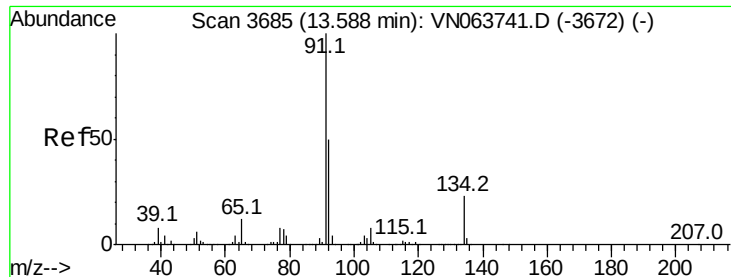
Tot Ion:146 Resp: 105693
 Ion Ratio Lower Upper
 146 100
 111 41.2 21.5 64.5
 148 61.4 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 17.111 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Tgt Ion:146 Resp: 100735
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.3 63.7
 148 66.8 32.0 96.0





#89

n-Butylbenzene

Concen: 15.434 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBS01

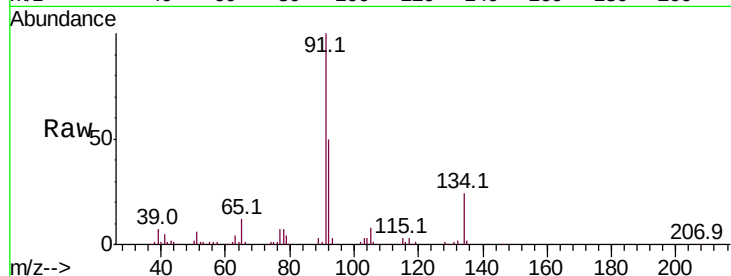
Tot Ion: 91 Resp: 144674

Ion Ratio Lower Upper

91 100

92 50.9 25.4 76.4

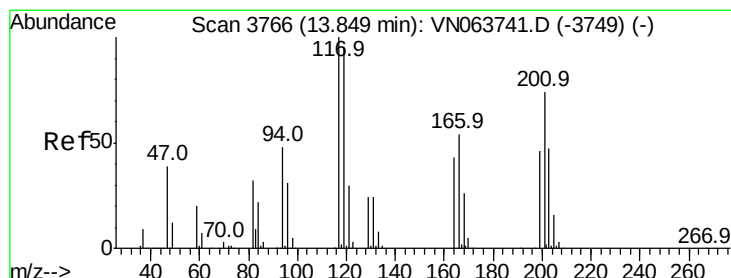
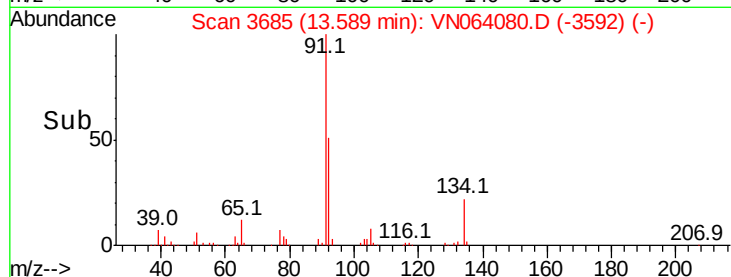
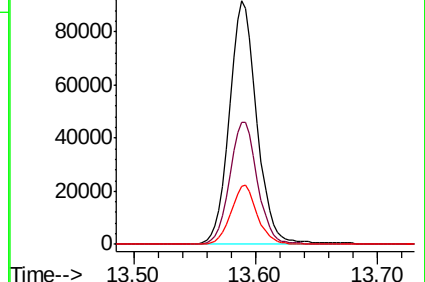
134 23.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3672) (-)

Ion 92.00 (91.70 to 92.70): VN063741.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN063741.D (-3672) (-)



#90

Hexachloroethane

Concen: 18.705 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064080.D

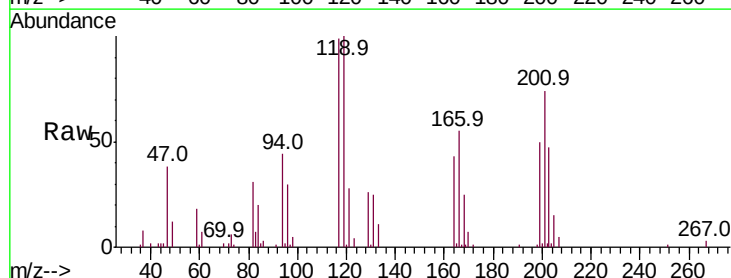
Acq: 12 Oct 2020 16:11

Tgt Ion: 117 Resp: 36813

Ion Ratio Lower Upper

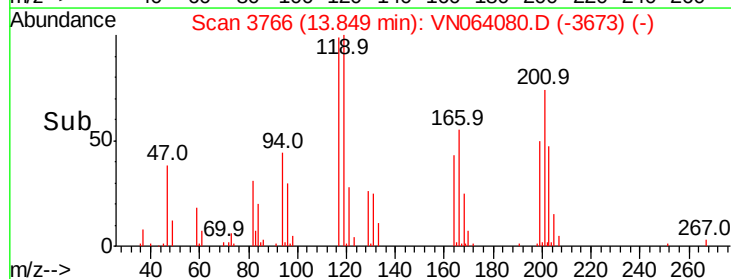
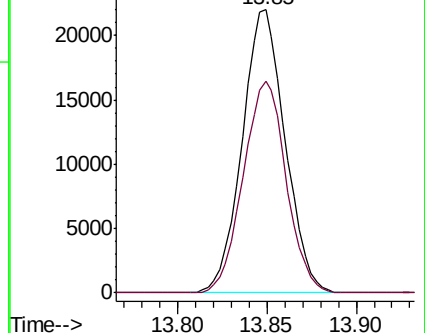
117 100

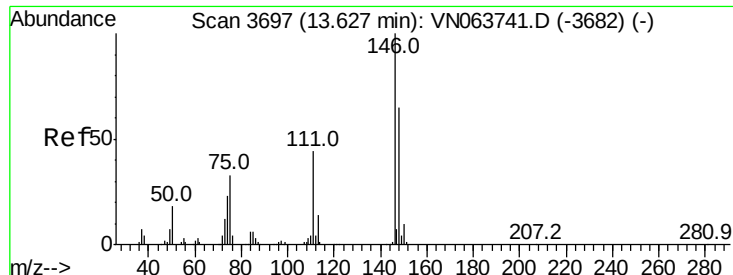
201 74.8 36.0 108.0



Abundance Ion 116.80 (116.50 to 117.50): VN063741.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN063741.D (-3749) (-)

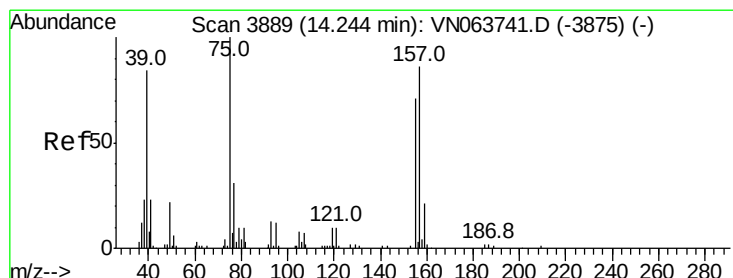
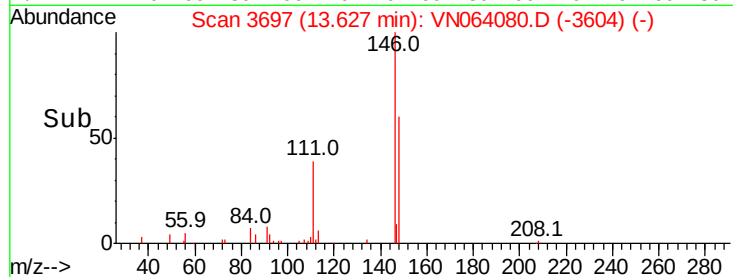
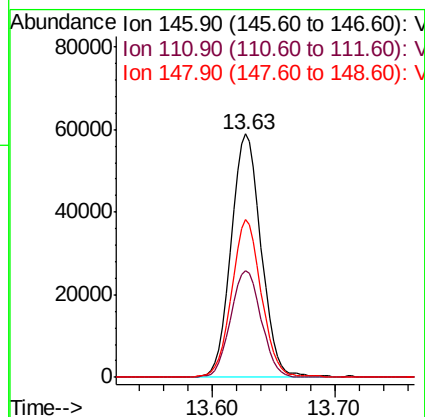
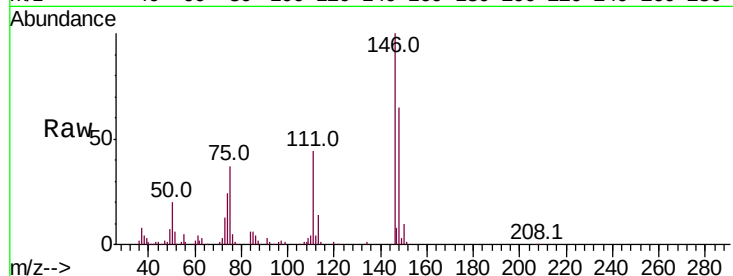




#91
 1,2-Dichlorobenzene
 Concen: 18.086 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

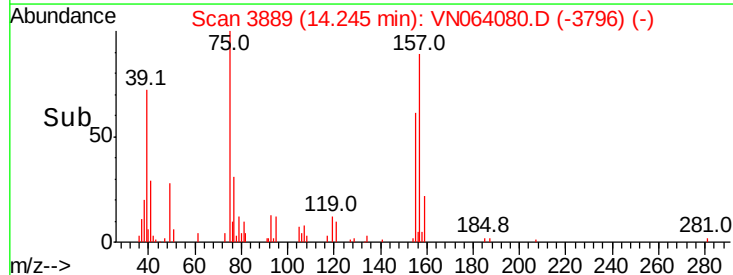
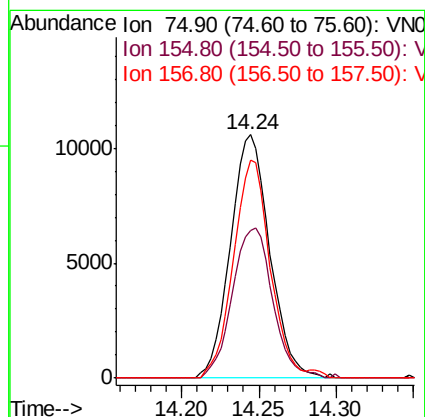
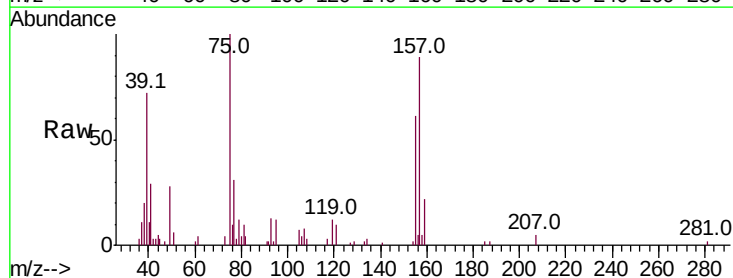
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1012WBS01

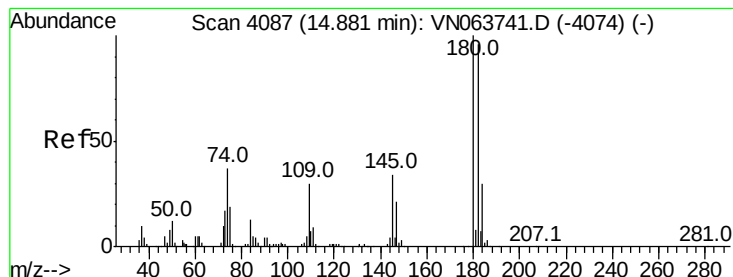
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.2	66.6
148	63.9	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.432 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064080.D
 Acq: 12 Oct 2020 16:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	63.2	34.8	104.5
157	83.1	43.7	131.1





#93

1,2,4-Trichlorobenzene

Concen: 13.998 ug/l

RT: 14.88 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

Instrument :

MSVOA_N

ClientSampleId :

VN1012WBS01

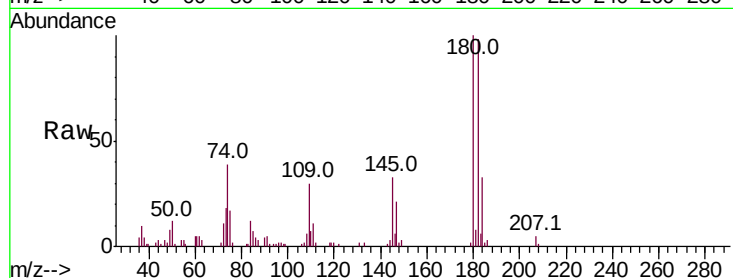
Tot Ion:180 Resp: 38684

Ion Ratio Lower Upper

180 100

182 99.1 48.2 144.6

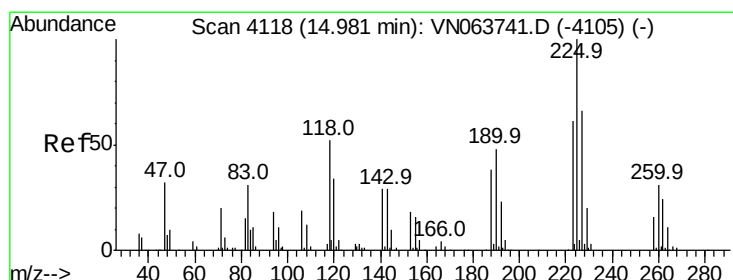
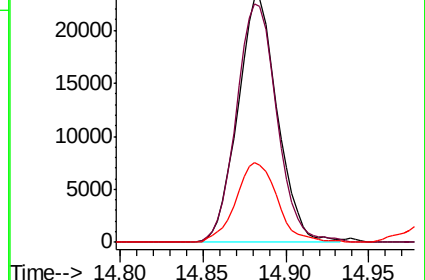
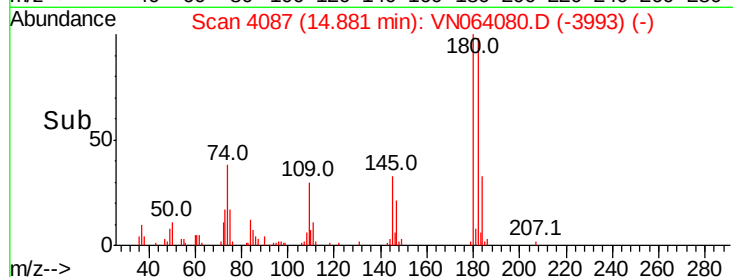
145 34.0 17.1 51.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 18.883 ug/l

RT: 14.98 min Scan# 4119

Delta R.T. 0.00 min

Lab File: VN064080.D

Acq: 12 Oct 2020 16:11

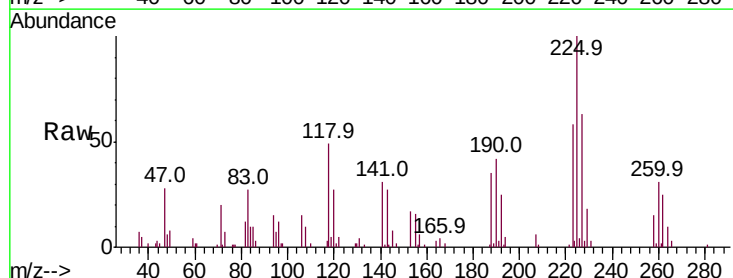
Tgt Ion:225 Resp: 28610

Ion Ratio Lower Upper

225 100

223 63.1 30.3 91.0

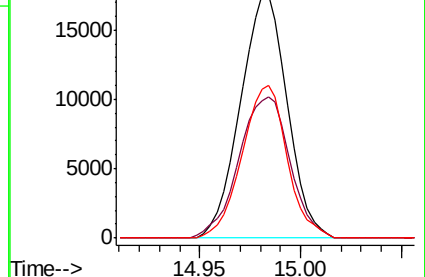
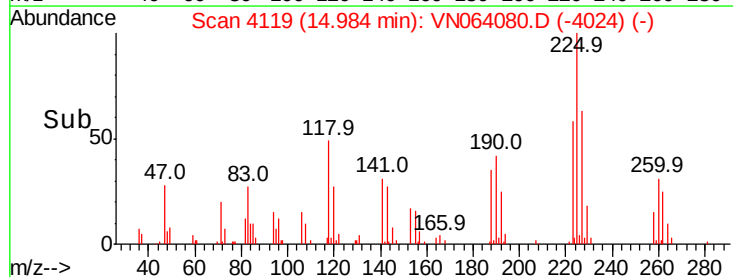
227 60.2 31.9 95.5

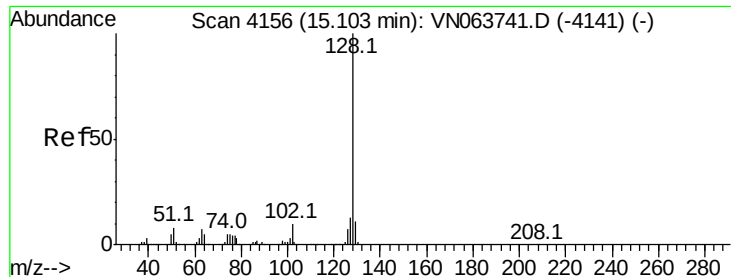


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

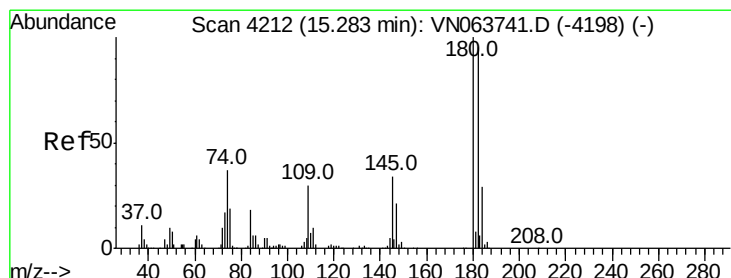
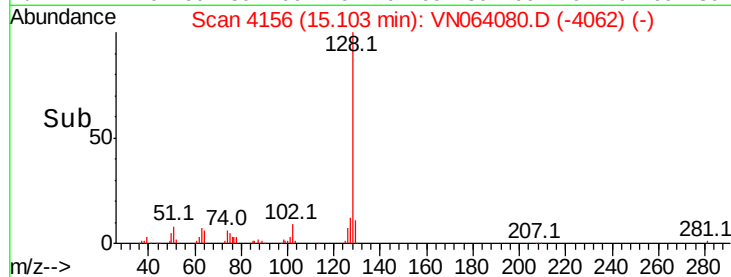
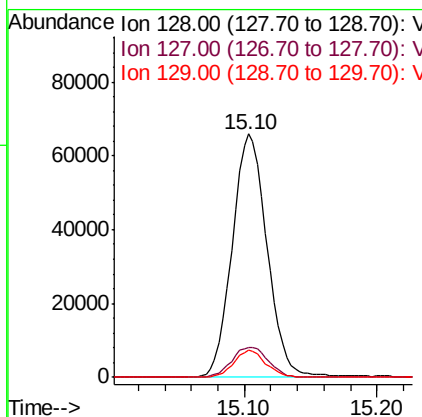
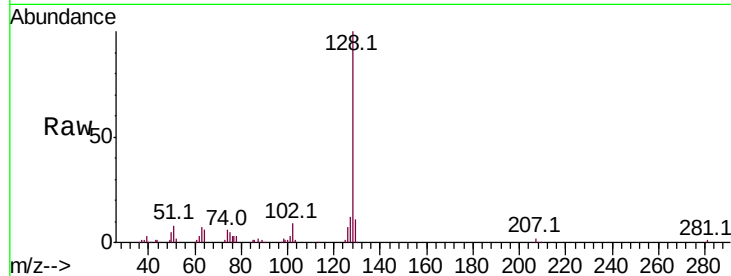




#95
Naphthalene
Concen: 14.193 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBS01

Tot Ion:128 Resp: 120230
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 15.176 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064080.D
Acq: 12 Oct 2020 16:11

Tgt Ion:180 Resp: 41493
Ion Ratio Lower Upper
180 100
182 97.3 47.9 143.6
145 36.8 17.2 51.5

