

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102220\
 Data File : VN064268.D
 Acq On : 22 Oct 2020 22:26
 Operator : JC/MD
 Sample : VN1022WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS02

Quant Time: Oct 23 02:03:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	251836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	413286	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	378230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	176751	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	197006	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
35) Dibromofluoromethane	7.55	113	135570	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
50) Toluene-d8	10.06	98	488487	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
62) 4-Bromofluorobenzene	12.38	95	195877	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	59222	19.732	ug/l	97
3) Chloromethane	2.04	50	59815	20.550	ug/l	97
4) Vinyl Chloride	2.16	62	57944	20.080	ug/l	99
5) Bromomethane	2.53	94	37443	19.906	ug/l	97
6) Chloroethane	2.68	64	32719	18.625	ug/l	95
7) Trichlorofluoromethane	2.99	101	100909	21.264	ug/l	100
8) Diethyl Ether	3.38	74	32452	20.673	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	47650	19.418	ug/l	98
10) Methyl Iodide	3.91	142	63701	18.255	ug/l	100
11) Tert butyl alcohol	4.73	59	49559	98.993	ug/l #	87
12) 1,1-Dichloroethene	3.70	96	44741	18.956	ug/l	97
13) Acrolein	3.57	56	25594	81.442	ug/l	96
14) Allyl chloride	4.28	41	92760	19.636	ug/l	99
15) Acrylonitrile	4.93	53	106778	103.146	ug/l	95
16) Acetone	3.78	43	109725	102.538	ug/l	98
17) Carbon Disulfide	4.01	76	131667	19.557	ug/l	99
18) Methyl Acetate	4.28	43	56508	20.723	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	163085	20.098	ug/l	97
20) Methylene Chloride	4.50	84	54393	19.062	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	50994	19.593	ug/l	91
22) Diisopropyl ether	5.90	45	172752	19.672	ug/l	94
23) Vinyl Acetate	5.85	43	771762	98.545	ug/l	99
24) 1,1-Dichloroethane	5.80	63	104305	20.503	ug/l	98
25) 2-Butanone	6.78	43	166789	98.104	ug/l	97
26) 2,2-Dichloropropane	6.78	77	88705	17.515	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	58181	19.195	ug/l	97
28) Bromochloromethane	7.15	49	43341	17.933	ug/l	96
29) Tetrahydrofuran	7.16	42	103877	102.143	ug/l	100
30) Chloroform	7.33	83	110121	20.293	ug/l	99
31) Cyclohexane	7.61	56	82792	18.674	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	101798	20.025	ug/l	98
36) 1,1-Dichloropropene	7.75	75	78108	18.957	ug/l	98
37) Ethyl Acetate	6.88	43	73512	19.651	ug/l	99
38) Carbon Tetrachloride	7.73	117	91370	19.491	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	69961	18.674	ug/l	95
40) Benzene	8.00	78	216720	19.055	ug/l	100
41) Methacrylonitrile	7.12	41	37614	19.168	ug/l	95
42) 1,2-Dichloroethane	8.09	62	95538	19.608	ug/l	99
43) Isopropyl Acetate	8.13	43	132829	19.052	ug/l #	91
44) Trichloroethene	8.80	130	60097	19.390	ug/l	99
45) 1,2-Dichloropropane	9.08	63	60311	19.863	ug/l	94
46) Dibromomethane	9.17	93	40451	19.840	ug/l	96
47) Bromodichloromethane	9.37	83	88643	19.679	ug/l	97
48) Methyl methacrylate	9.17	41	68119	18.704	ug/l	96
49) 1,4-Dioxane	9.16	88	17444	409.361	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	377526	101.319	ug/l	98
52) Toluene	10.12	92	141875	19.495	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	97716	19.528	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	98950	18.781	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	53721	19.545	ug/l	95
56) Ethyl methacrylate	10.40	69	83805	19.719	ug/l	98
57) 1,3-Dichloropropane	10.68	76	93582	19.601	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	207633	94.876	ug/l	100
59) 2-Hexanone	10.72	43	268210	98.563	ug/l	99
60) Dibromochloromethane	10.87	129	65675	18.457	ug/l	99
61) 1,2-Dibromoethane	10.98	107	55973	19.298	ug/l	96
64) Tetrachloroethene	10.60	164	59988	19.701	ug/l	93
65) Chlorobenzene	11.41	112	148088	18.915	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	59797	19.242	ug/l	99
67) Ethyl Benzene	11.48	91	274263	19.062	ug/l	98
68) m/p-Xylenes	11.59	106	197921	37.127	ug/l	97
69) o-Xylene	11.92	106	97906	18.990	ug/l	95
70) Styrene	11.94	104	161340	18.669	ug/l	97
71) Bromoform	12.10	173	45587	18.989	ug/l #	98
73) Isopropylbenzene	12.22	105	259915	19.280	ug/l	97
74) N-amyl acetate	12.04	43	111913	19.212	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	70528	19.715	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	107373	28.816	ug/l #	100
77) Bromobenzene	12.50	156	61965	19.471	ug/l	96
78) n-propylbenzene	12.57	91	295184	19.421	ug/l	100
79) 2-Chlorotoluene	12.65	91	188173	20.156	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	223747	19.633	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.28	75	27615	18.711	ug/l	95
82) 4-Chlorotoluene	12.75	91	192216	19.738	ug/l	100
83) tert-Butylbenzene	12.97	119	178893	19.145	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	223278	19.684	ug/l	100
85) sec-Butylbenzene	13.14	105	227953	19.351	ug/l	98
86) p-Isopropyltoluene	13.26	119	213774	19.929	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	109740	19.379	ug/l	96
88) 1,4-Dichlorobenzene	13.34	146	110760	19.109	ug/l	97
89) n-Butylbenzene	13.59	91	183909	19.126	ug/l	99
90) Hexachloroethane	13.85	117	37924	19.521	ug/l	91
91) 1,2-Dichlorobenzene	13.63	146	107683	19.384	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18881	21.156	ug/l	92

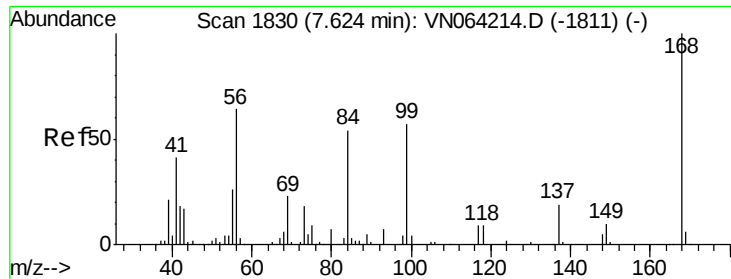
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Quant Title : SW846 8260
QLast Update : Wed Oct 21 12:48:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	61093	19.607	ug/l	99
94) Hexachlorobutadiene	14.98	225	33117	19.706	ug/l	98
95) Naphthalene	15.10	128	179472	19.234	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	58716	19.027	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

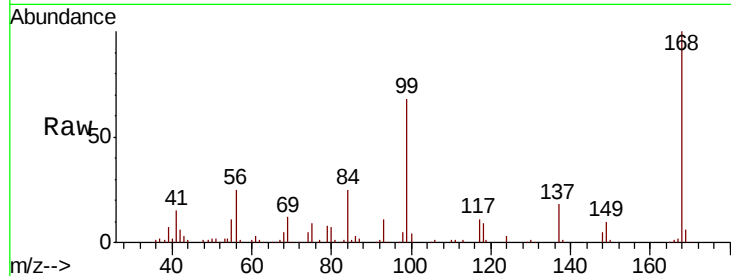
Instrument :
MSVOA_N
ClientSampled :
VN1022WBS02

Tot Ion:168 Resp: 251836

Ion Ratio Lower Upper

168 100

99 67.3 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

120000

100000

80000

60000

40000

20000

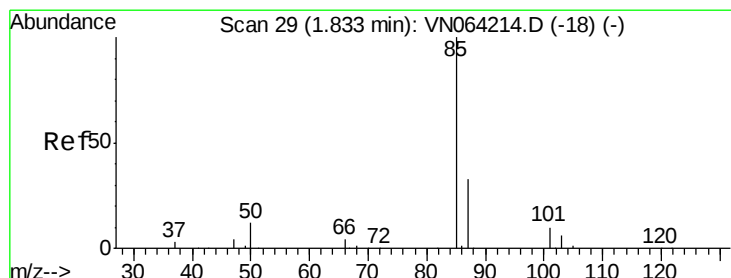
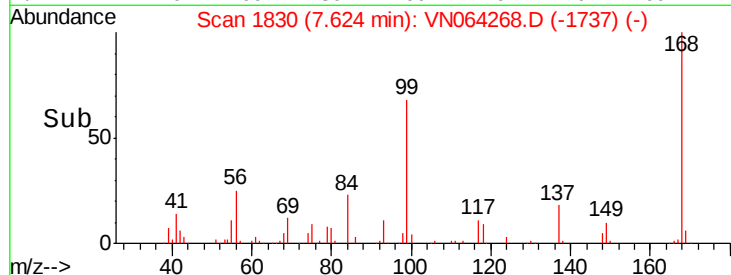
0

Time-->

7.50

7.60

7.70



#2

Dichlorodifluoromethane

Concen: 19.732 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064268.D

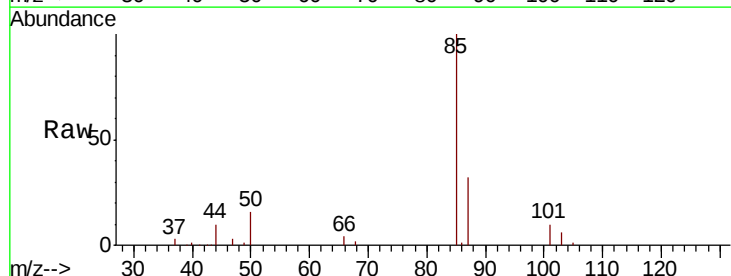
Acq: 22 Oct 2020 22:26

Tgt Ion: 85 Resp: 59222

Ion Ratio Lower Upper

85 100

87 31.6 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

50000

40000

30000

20000

10000

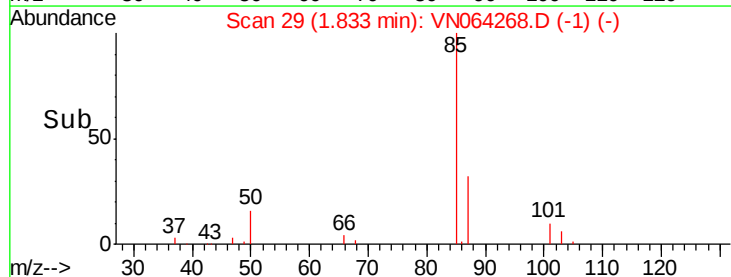
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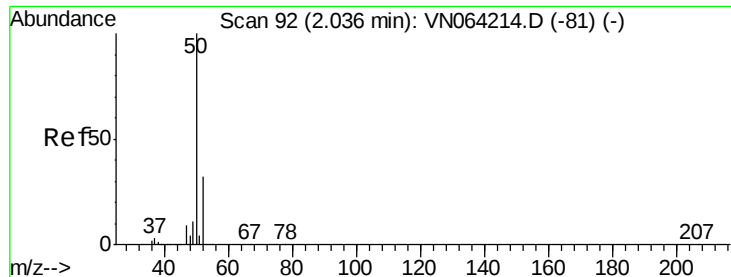
Time-->

1.80

1.85

1.90





#3

Chloromethane

Concen: 20.550 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

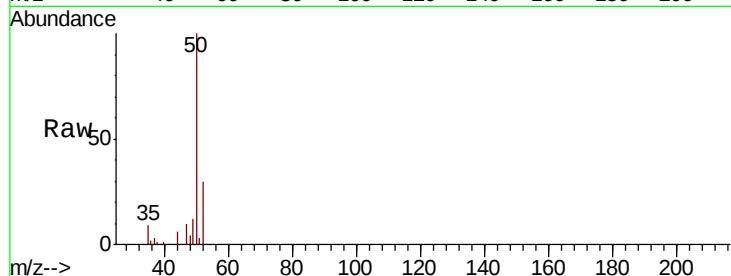
VN1022WBS02

Tot Ion: 50 Resp: 59815

Ion Ratio Lower Upper

50 100

52 29.8 25.3 37.9

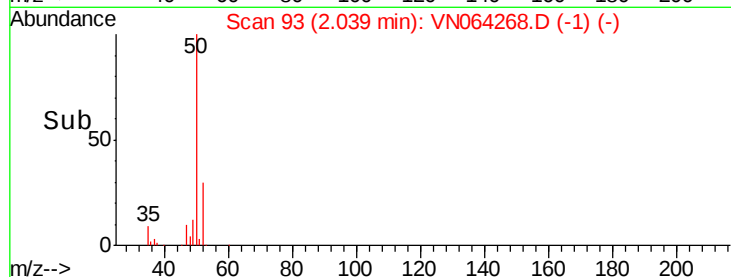


Abundance Ion 49.90 (49.60 to 50.60): VN064214.D (-81) (-)

Ion 51.90 (51.60 to 52.60): VN064214.D (-81) (-)

2.04

Time-->



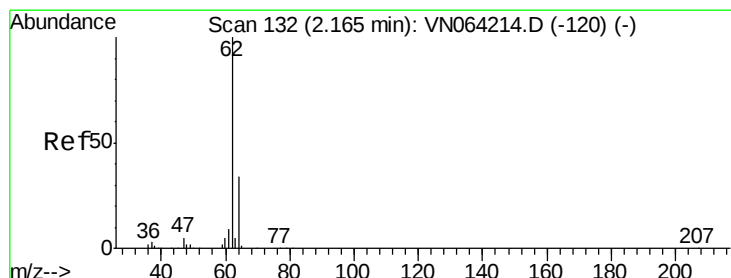
Abundance

Ion 49.90 (49.60 to 50.60): VN064268.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN064268.D (-1) (-)

2.04

Time-->



#4

Vinyl Chloride

Concen: 20.080 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN064268.D

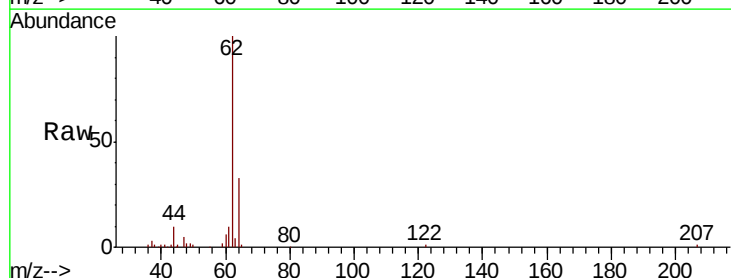
Acq: 22 Oct 2020 22:26

Tgt Ion: 62 Resp: 57944

Ion Ratio Lower Upper

62 100

64 32.9 26.8 40.2

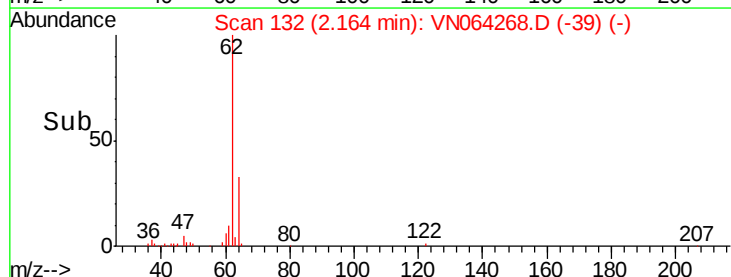


Abundance Ion 61.90 (61.60 to 62.60): VN064214.D (-120) (-)

Ion 63.90 (63.60 to 64.60): VN064214.D (-120) (-)

2.16

Time-->



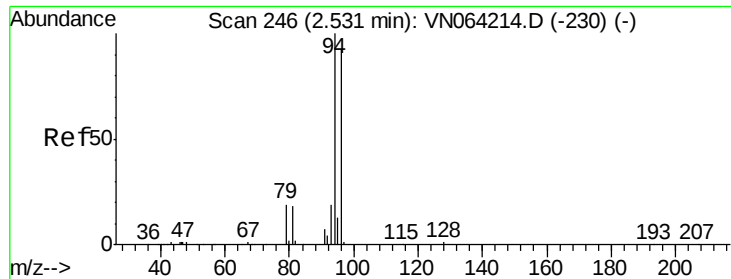
Abundance

Ion 61.90 (61.60 to 62.60): VN064268.D (-39) (-)

Ion 63.90 (63.60 to 64.60): VN064268.D (-39) (-)

2.16

Time-->



#5

Bromomethane

Concen: 19.906 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

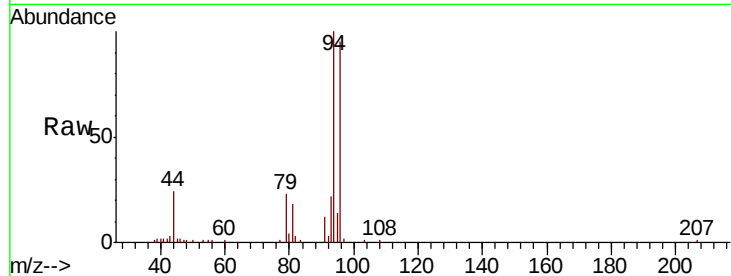
VN1022WBS02

Tot Ion: 94 Resp: 37443

Ion Ratio Lower Upper

94 100

96 95.2 74.2 111.4



Abundance Ion 93.90 (93.60 to 94.60): VN064214.D (-230) (-)

Ion 95.90 (95.60 to 96.60): VN064268.D (-153) (-)

20000

15000

10000

5000

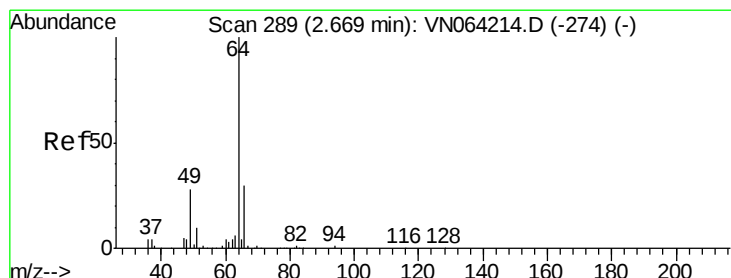
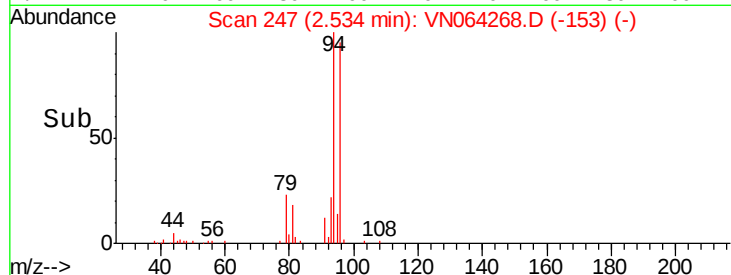
0

2.50

2.53

2.60

Time-->



#6

Chloroethane

Concen: 18.625 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064268.D

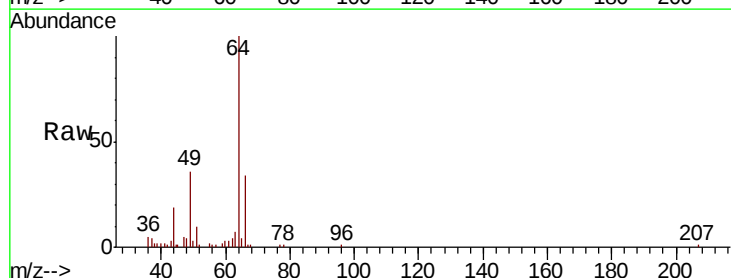
Acq: 22 Oct 2020 22:26

Tgt Ion: 64 Resp: 32719

Ion Ratio Lower Upper

64 100

66 33.5 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VN064214.D (-274) (-)

Ion 65.90 (65.60 to 66.60): VN064268.D (-196) (-)

20000

15000

10000

5000

0

2.60

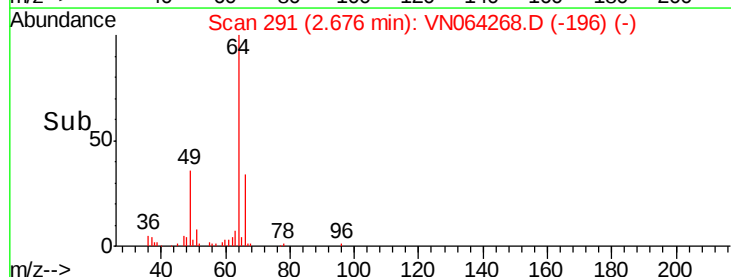
2.65

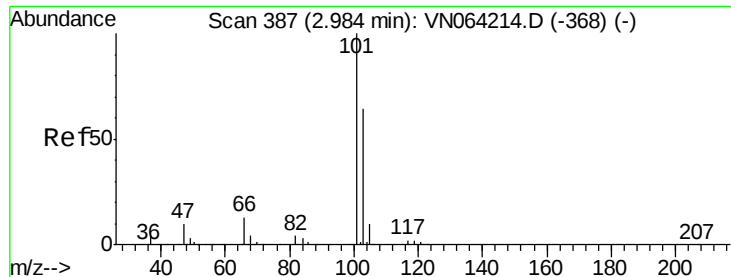
2.68

2.70

2.75

Time-->



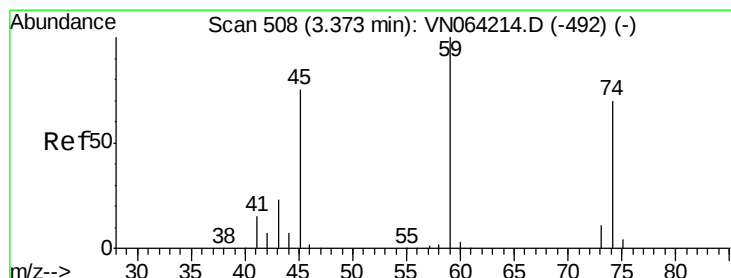
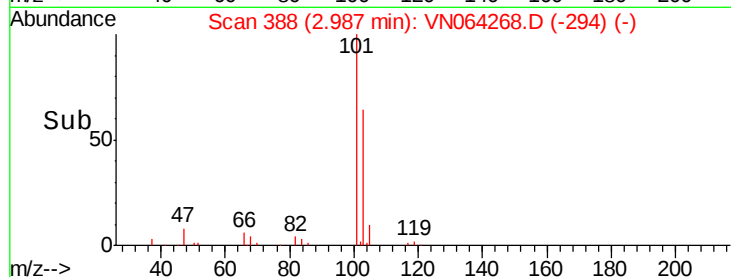
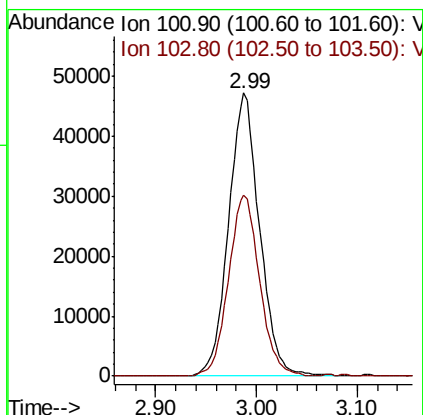
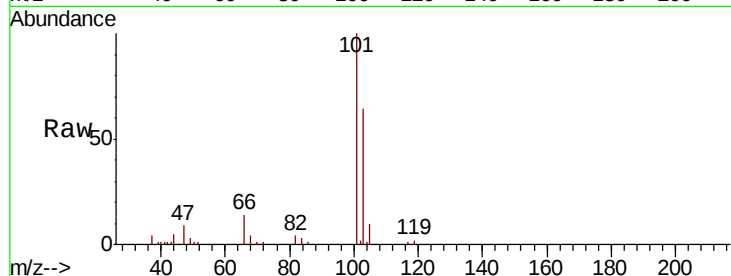


#7

Trichlorofluoromethane
Concen: 21.264 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Instrument :
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ClientSampleId :
VN1022WBS02

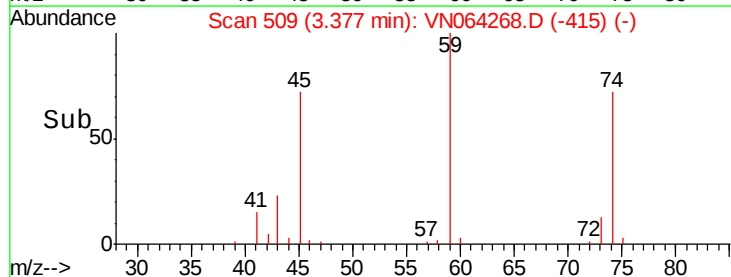
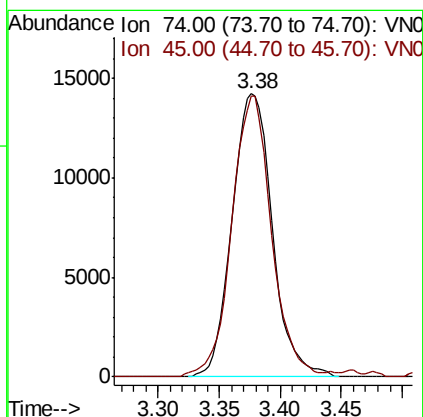
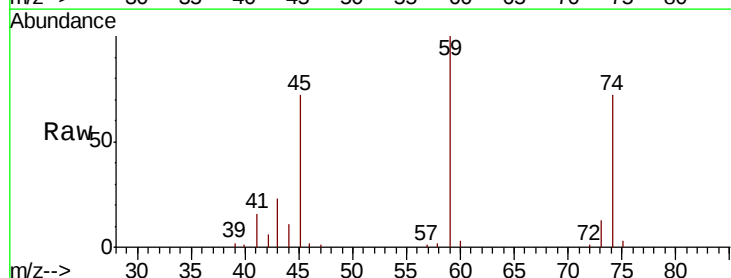
Tot Ion:101 Resp: 100909
Ion Ratio Lower Upper
101 100
103 64.1 51.0 76.6

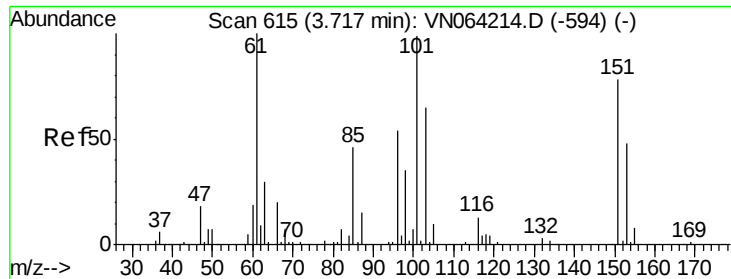


#8

Diethyl Ether
Concen: 20.673 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion: 74 Resp: 32452
Ion Ratio Lower Upper
74 100
45 97.8 51.3 154.0

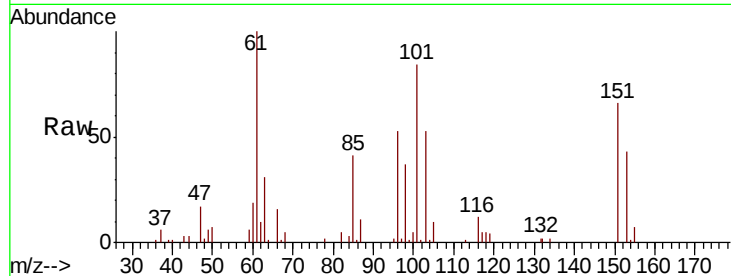




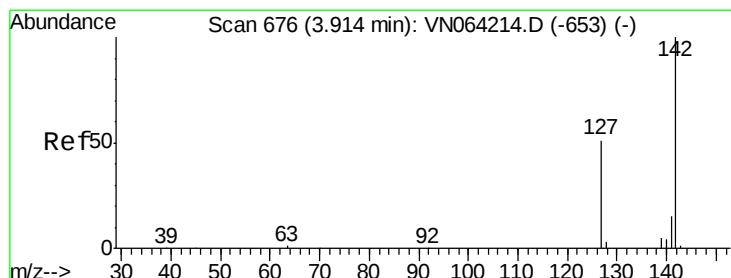
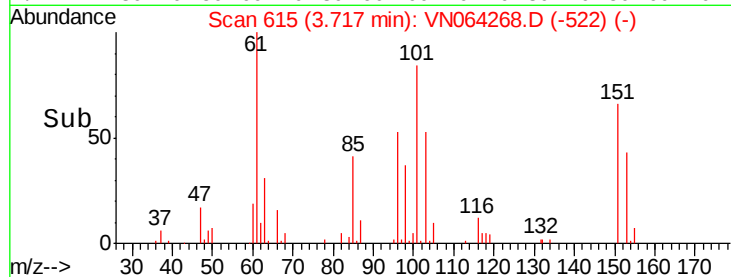
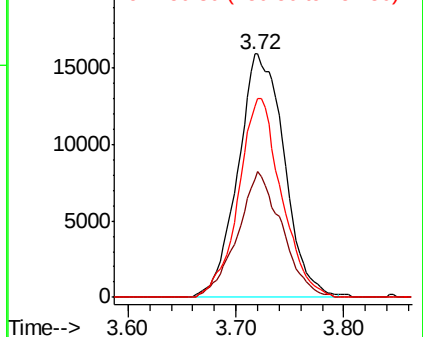
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.418 ug/l
 RT: 3.72 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

Instrument :
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 VN1022WBS02

Tot Ion:101 Resp: 47650
 Ion Ratio Lower Upper
 101 100
 85 49.1 37.8 56.8
 151 75.6 61.4 92.2

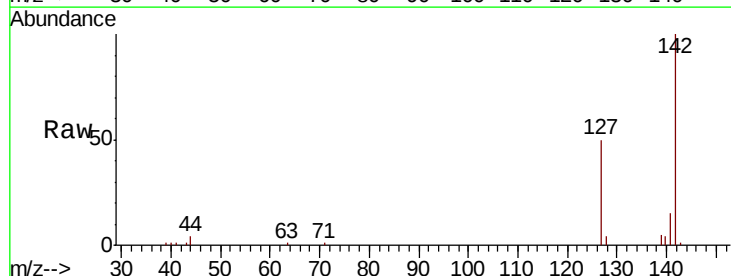


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

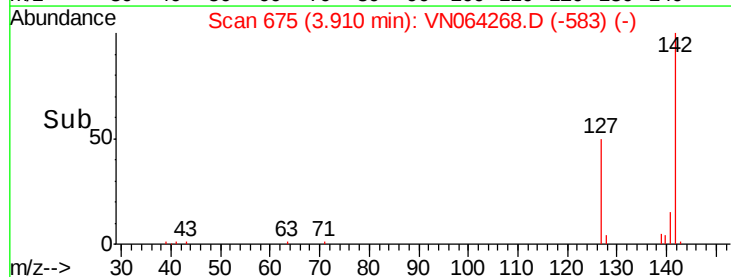
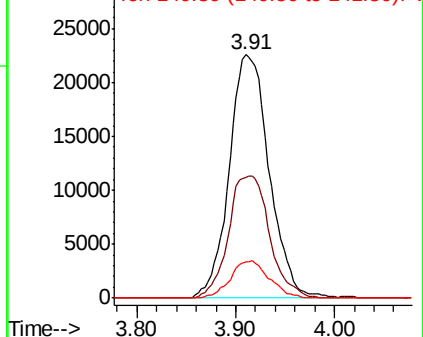


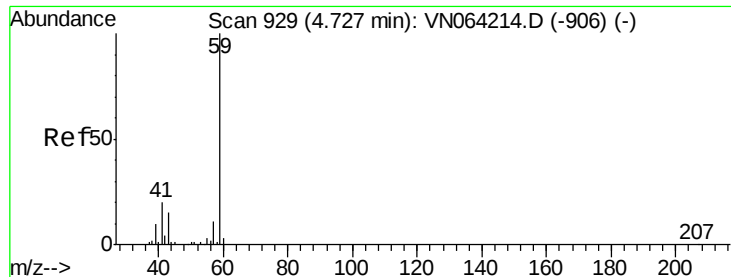
#10
 Methyl Iodide
 Concen: 18.255 ug/l
 RT: 3.91 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

Tgt Ion:142 Resp: 63701
 Ion Ratio Lower Upper
 142 100
 127 51.3 41.0 61.6
 141 14.9 11.3 16.9



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





#11

Tert butyl alcohol

Concen: 98.993 ug/l

RT: 4.73 min Scan# 929

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

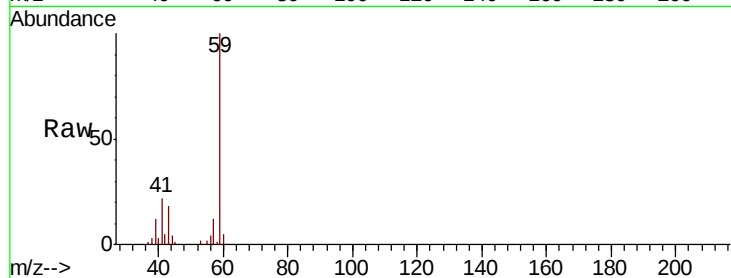
VN1022WBS02

Tot Ion: 59 Resp: 49559

Ion Ratio Lower Upper

59 100

57 6.6 9.2 13.8#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.73

15000

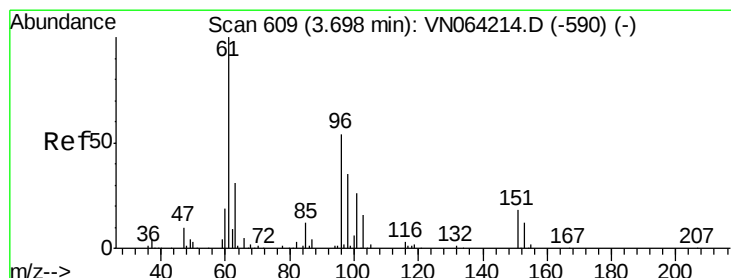
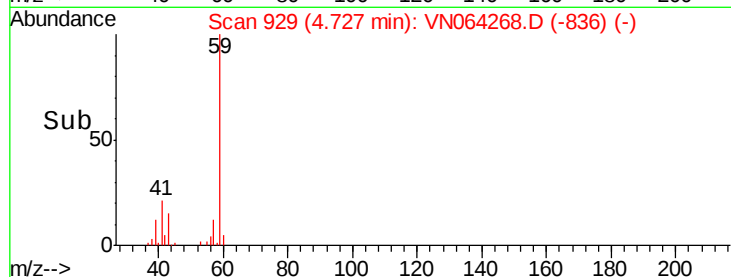
10000

5000

0

Time-->

4.60 4.70 4.80 4.90



#12

1,1-Dichloroethene

Concen: 18.956 ug/l

RT: 3.70 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

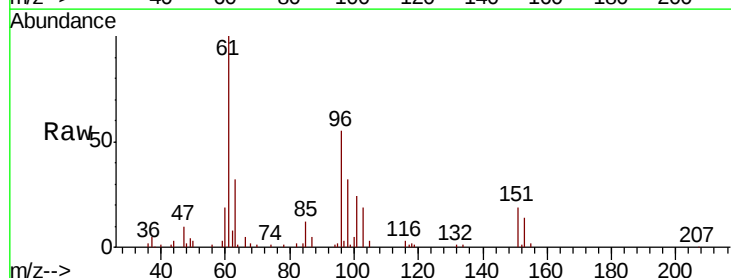
Tgt Ion: 96 Resp: 44741

Ion Ratio Lower Upper

96 100

61 181.8 147.0 220.4

98 58.3 51.7 77.5



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

3.70

40000

30000

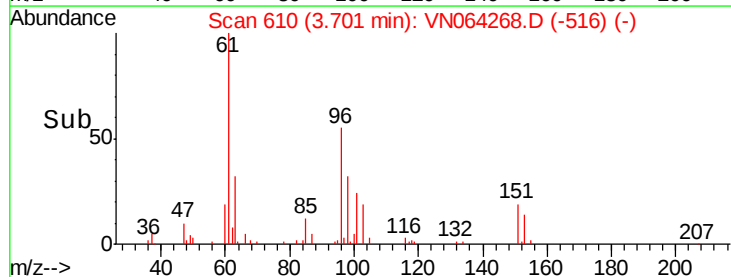
20000

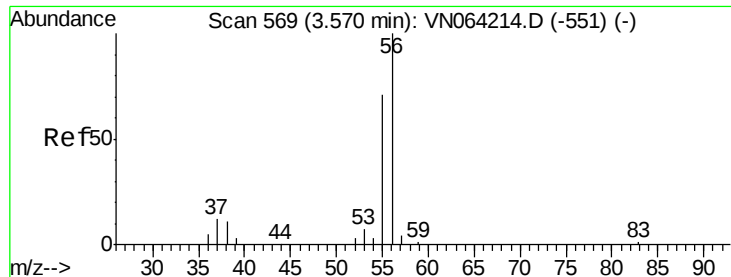
10000

0

Time-->

3.60 3.65 3.70 3.75 3.80





#13

Acrolein

Concen: 81.442 ug/l

RT: 3.57 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

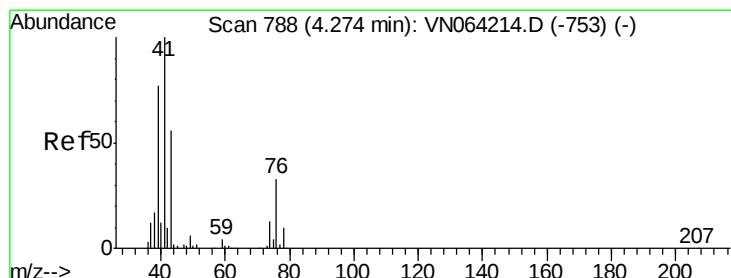
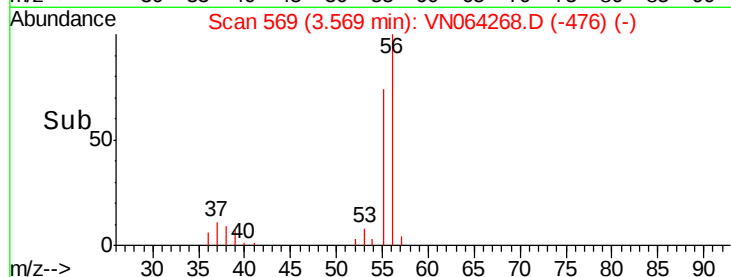
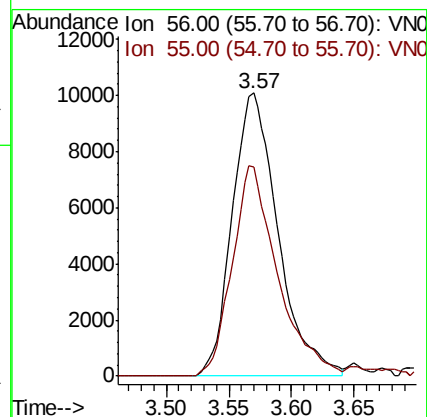
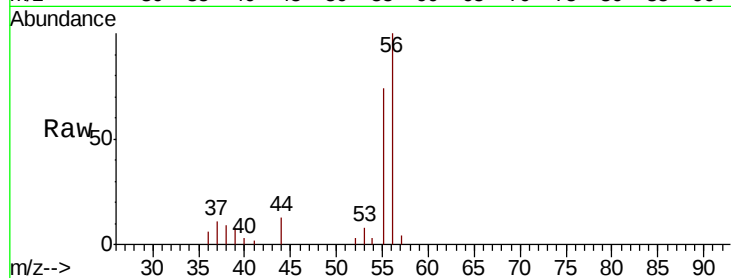
VN1022WBS02

Tot Ion: 56 Resp: 25594

Ion Ratio Lower Upper

56 100

55 73.4 56.1 84.1



#14

Allyl chloride

Concen: 19.636 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

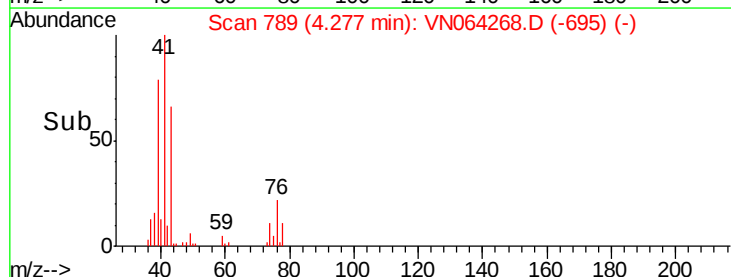
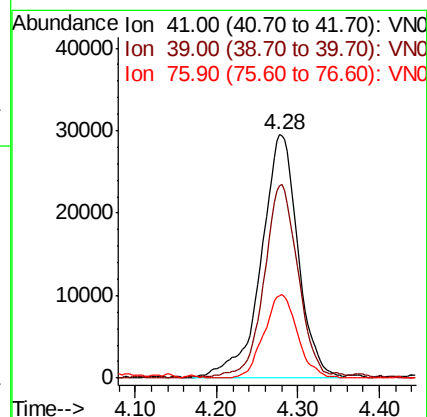
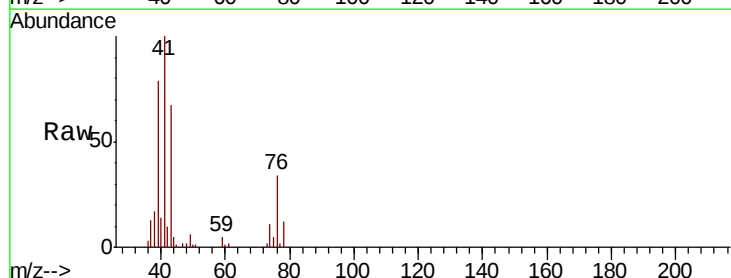
Tgt Ion: 41 Resp: 92760

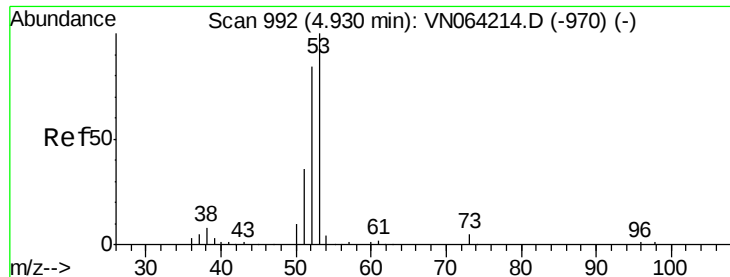
Ion Ratio Lower Upper

41 100

39 72.1 58.6 88.0

76 31.3 24.5 36.7





#15

Acrylonitrile

Concen: 103.146 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS02

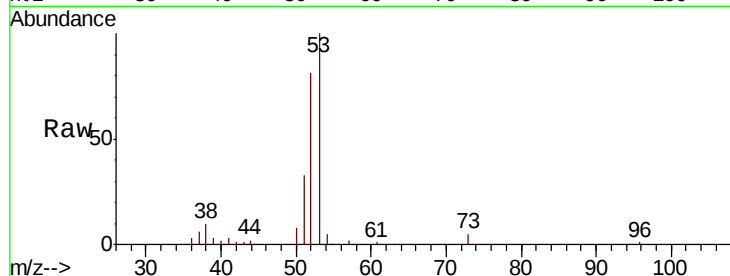
Tot Ion: 53 Resp: 106778

Ion Ratio Lower Upper

53 100

52 78.9 66.8 100.2

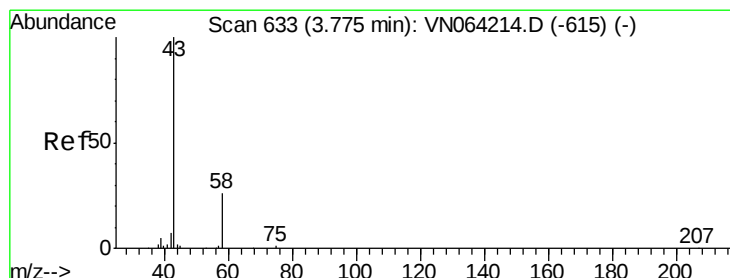
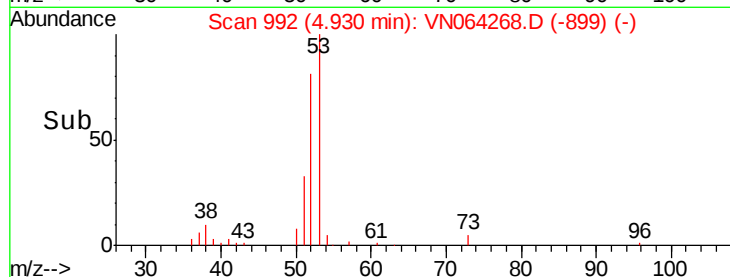
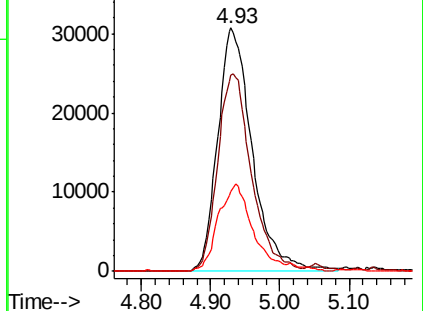
51 35.4 30.7 46.1



Abundance Ion 53.00 (52.70 to 53.70): VN064214.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN064214.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN064214.D (-970) (-)



#16

Acetone

Concen: 102.538 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064268.D

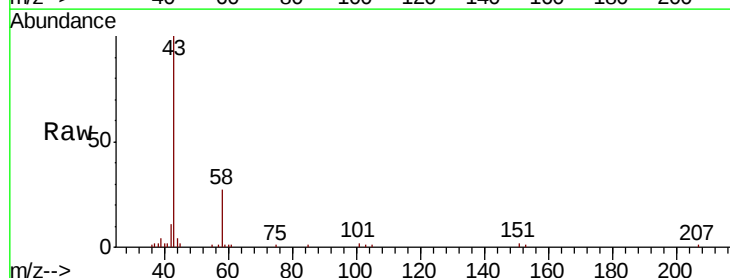
Acq: 22 Oct 2020 22:26

Tgt Ion: 43 Resp: 109725

Ion Ratio Lower Upper

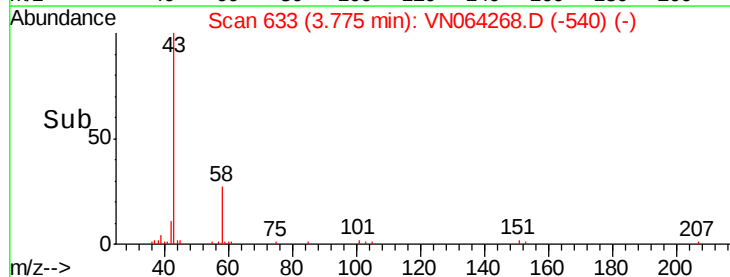
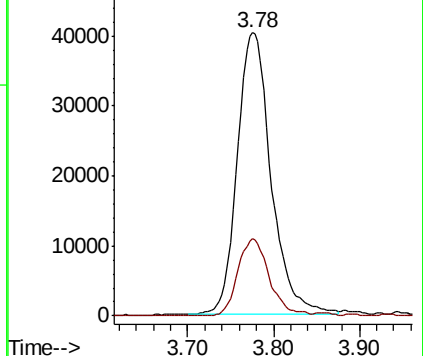
43 100

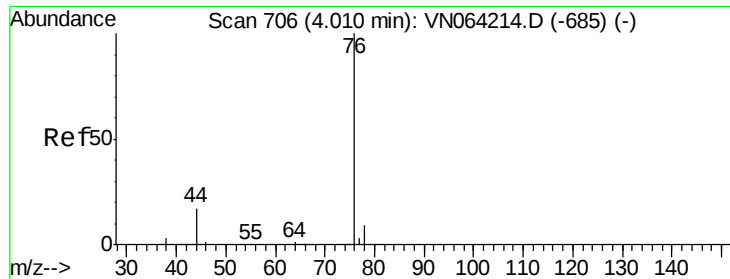
58 27.3 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VN064214.D (-615) (-)

Ion 58.00 (57.70 to 58.70): VN064214.D (-615) (-)

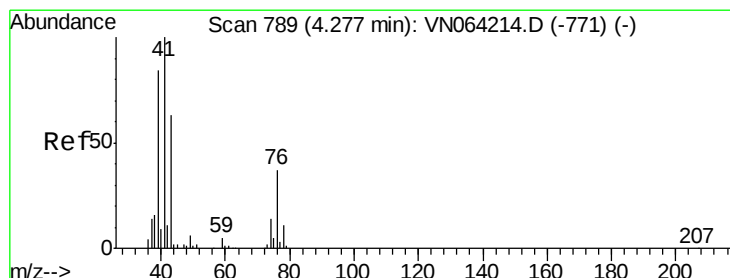
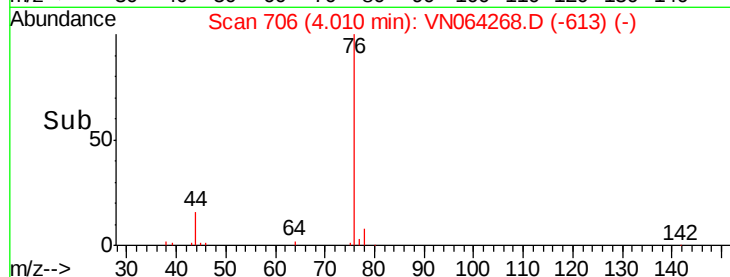
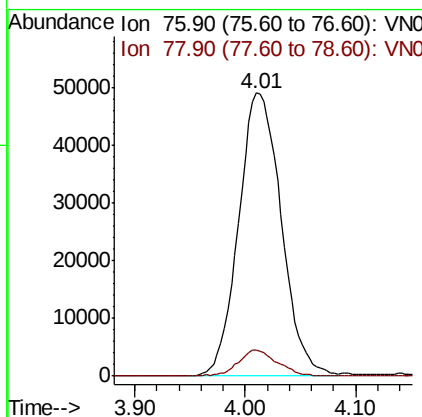
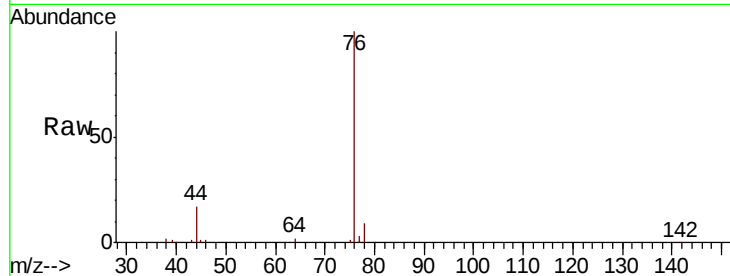




#17
Carbon Disulfide
Concen: 19.557 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

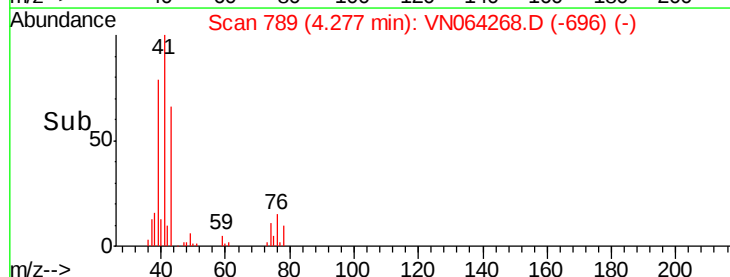
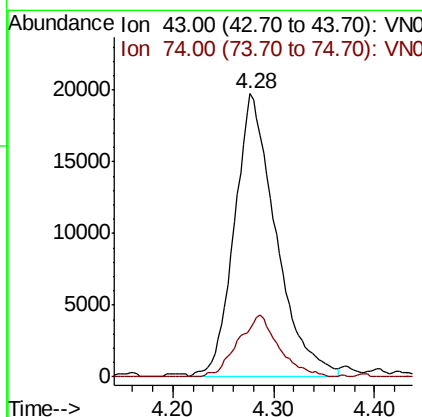
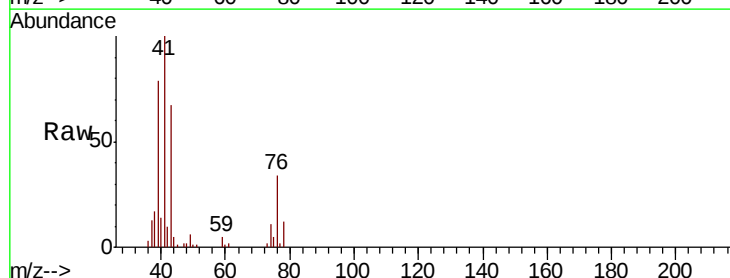
Instrument :
MSVOA_N
ClientSampled :
VN1022WBS02

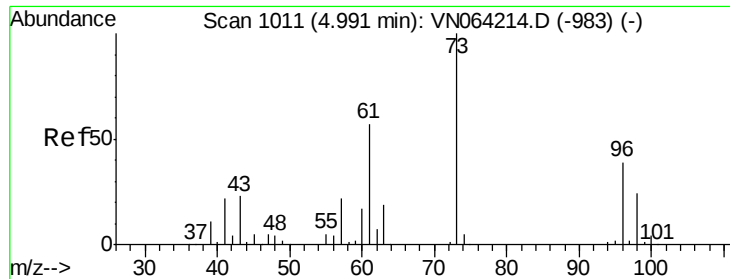
Tot Ion: 76 Resp: 131667
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 20.723 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion: 43 Resp: 56508
Ion Ratio Lower Upper
43 100
74 21.5 17.9 26.9

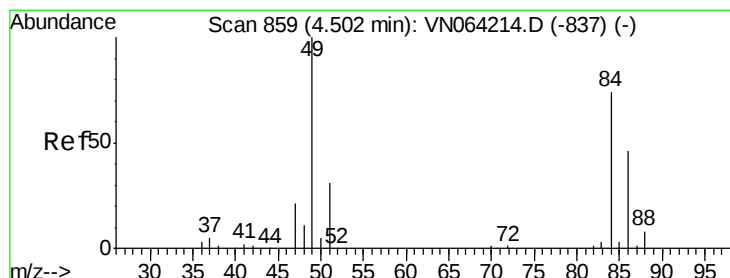
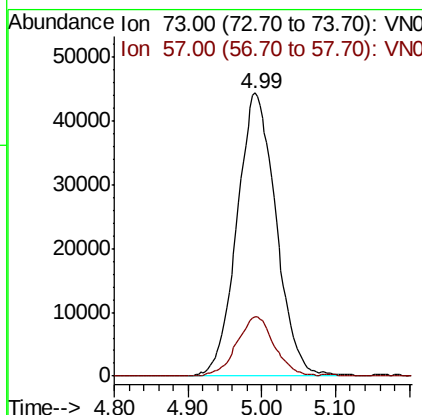
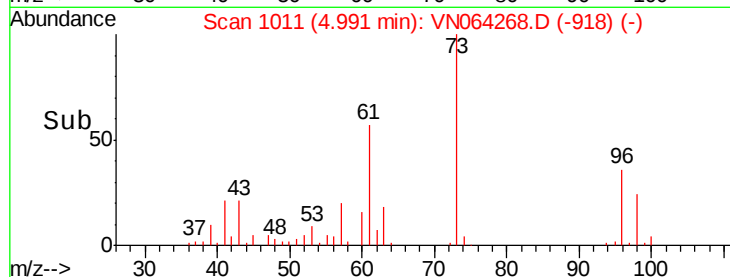
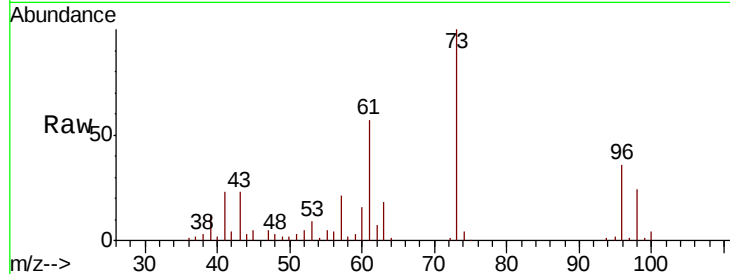




#19
Methyl tert-butyl Ether
Concen: 20.098 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

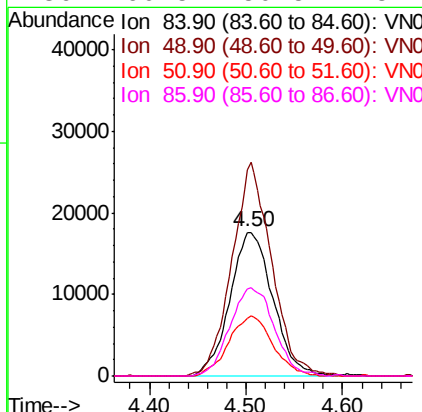
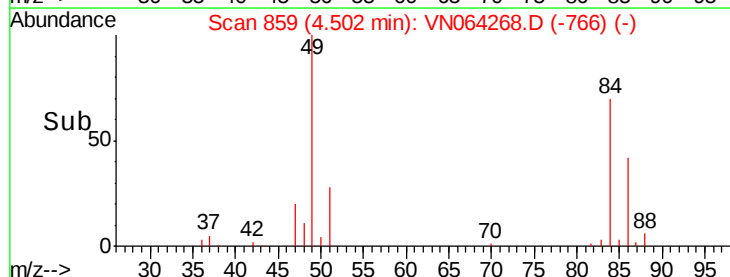
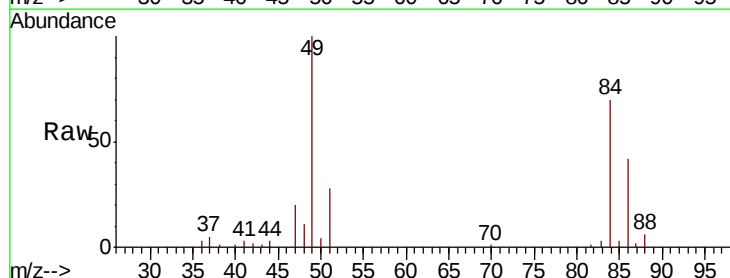
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

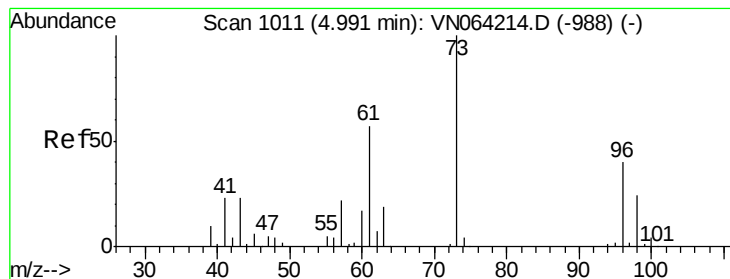
Tot Ion: 73 Resp: 163085
Ion Ratio Lower Upper
73 100
57 21.1 18.0 27.0



#20
Methylene Chloride
Concen: 19.062 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion: 84 Resp: 54393
Ion Ratio Lower Upper
84 100
49 142.7 108.5 162.7
51 40.3 33.8 50.8
86 60.5 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 19.593 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS02

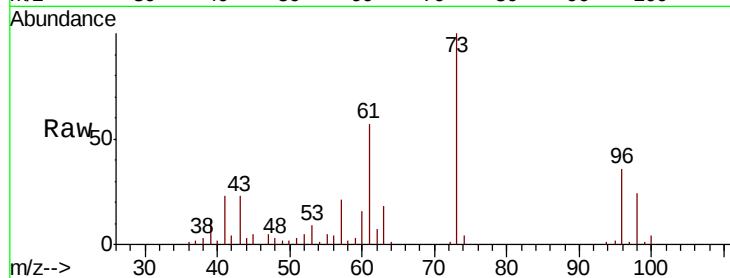
Tot Ion: 96 Resp: 50994

Ion Ratio Lower Upper

96 100

61 157.1 115.8 173.6

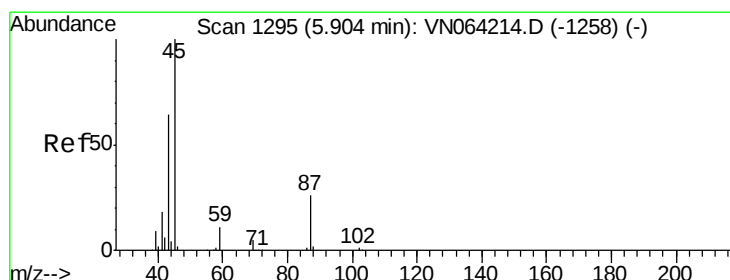
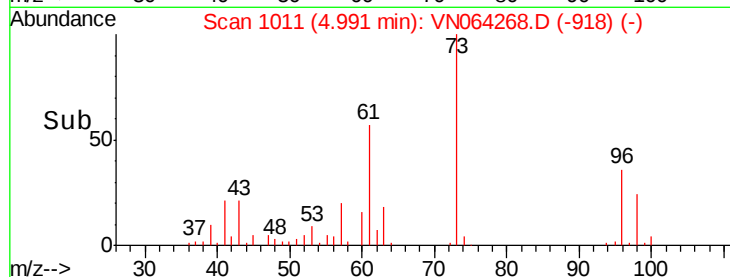
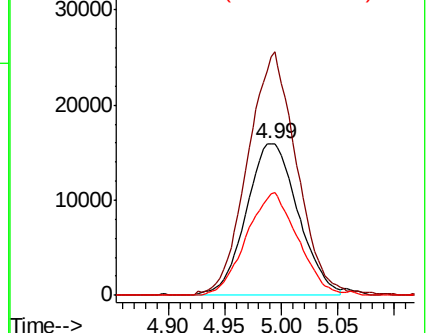
98 66.8 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VN064268.D (-1202) (-)

Ion 60.90 (60.60 to 61.60): VN064268.D (-1202) (-)

Ion 97.90 (97.60 to 98.60): VN064268.D (-1202) (-)



#22

Diisopropyl ether

Concen: 19.672 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Tgt Ion: 45 Resp: 172752

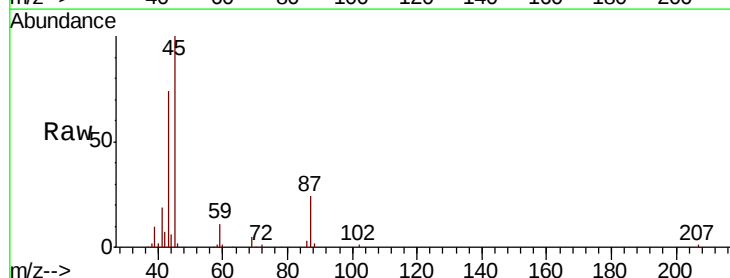
Ion Ratio Lower Upper

45 100

43 71.2 52.2 78.4

87 24.4 21.4 32.0

59 10.5 8.3 12.5

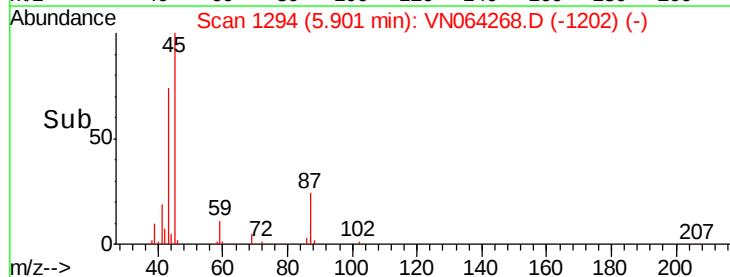
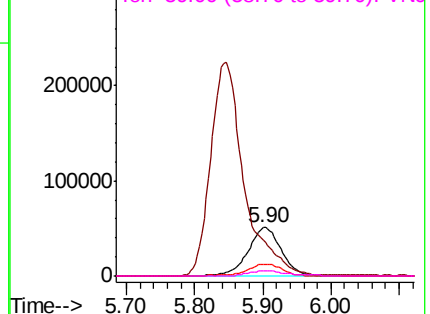


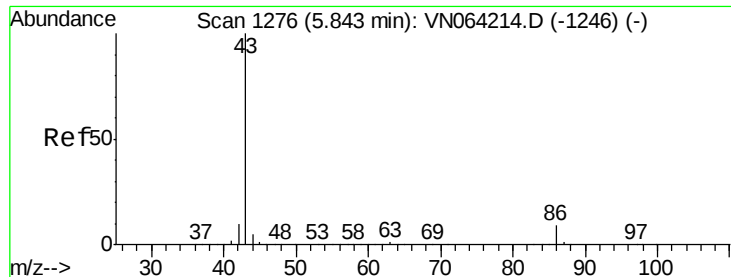
Abundance Ion 45.00 (44.70 to 45.70): VN064268.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN064268.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN064268.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN064268.D (-1202) (-)

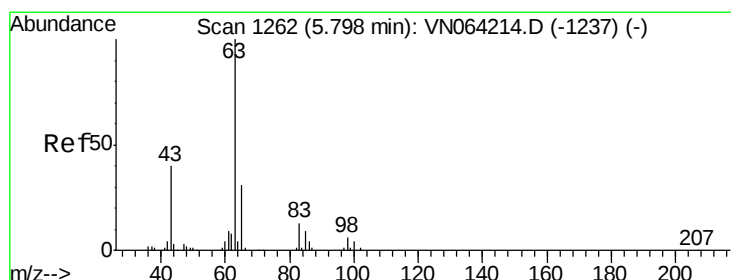
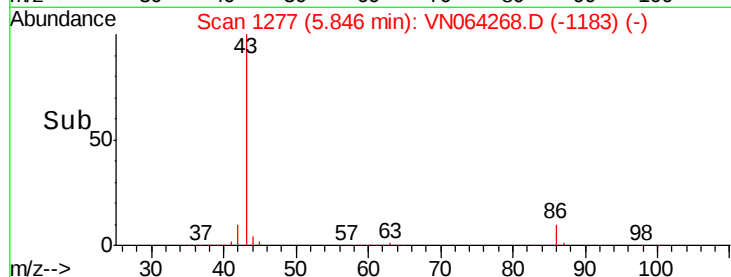
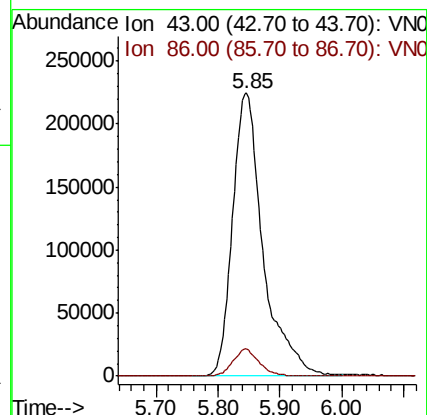
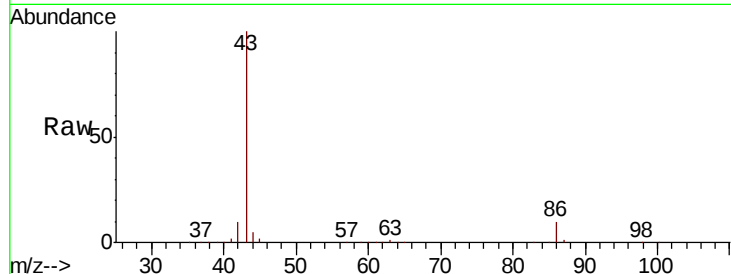




#23
 Vinyl Acetate
 Concen: 98.545 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

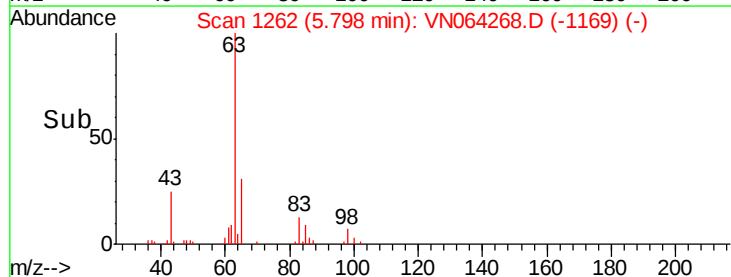
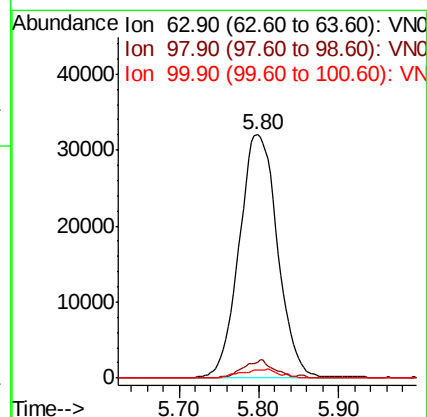
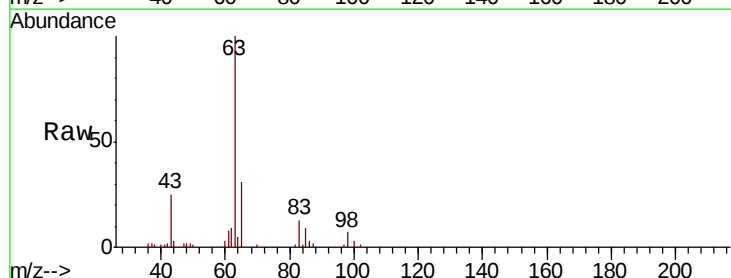
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS02

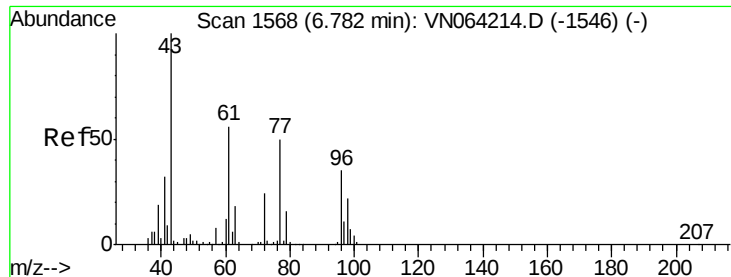
Tot Ion: 43 Resp: 771762
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 20.503 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

Tgt Ion: 63 Resp: 104305
 Ion Ratio Lower Upper
 63 100
 98 6.6 2.9 8.7
 100 3.5 2.0 6.0





#25

2-Butanone

Concen: 98.104 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

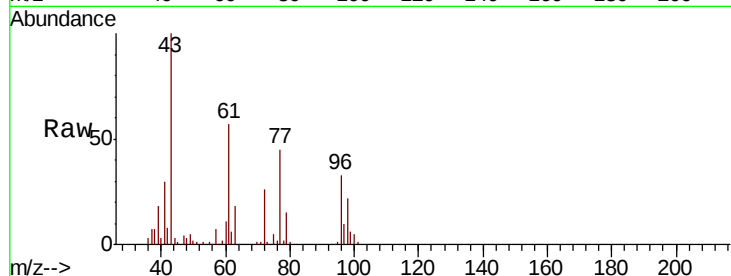
VN1022WBS02

Tot Ion: 43 Resp: 166789

Ion Ratio Lower Upper

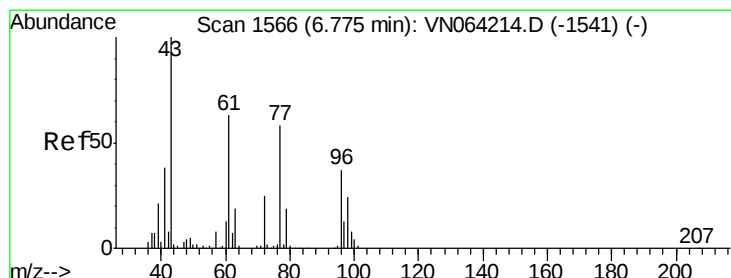
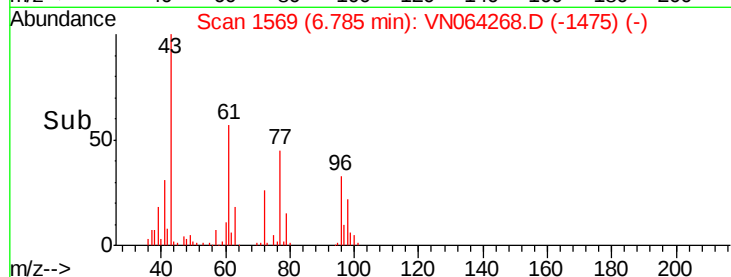
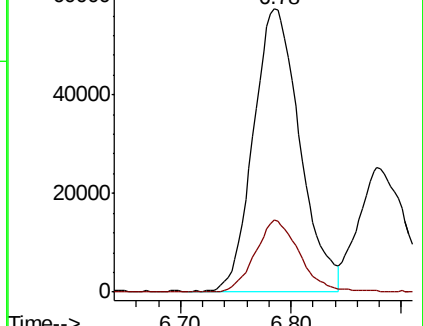
43 100

72 25.7 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VN064214.D (-1546) (-)

Ion 72.00 (71.70 to 72.70): VN064214.D (-1546) (-)



#26

2,2-Dichloropropane

Concen: 17.515 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064268.D

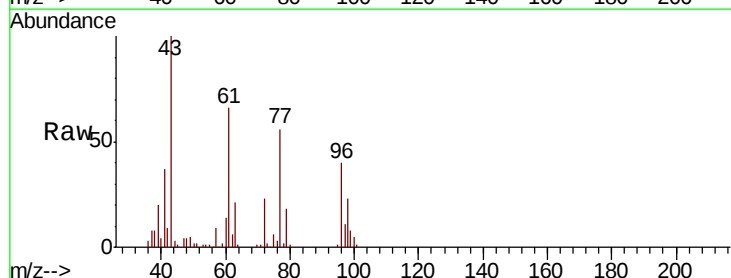
Acq: 22 Oct 2020 22:26

Tgt Ion: 77 Resp: 88705

Ion Ratio Lower Upper

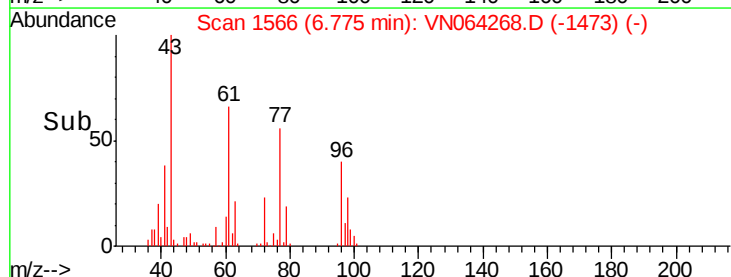
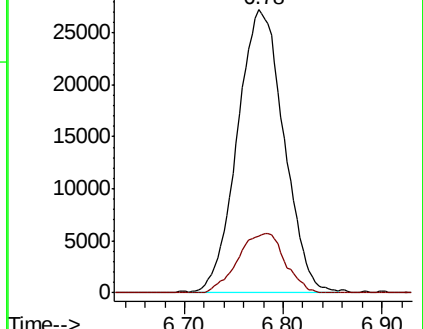
77 100

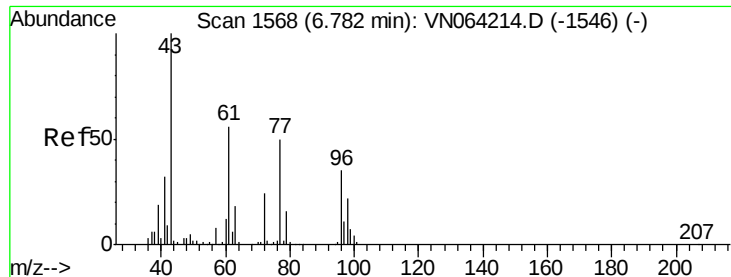
97 21.3 10.4 31.4



Abundance Ion 76.90 (76.60 to 77.60): VN064214.D (-1546) (-)

Ion 96.90 (96.60 to 97.60): VN064214.D (-1546) (-)





#27

cis-1,2-Dichloroethene

Concen: 19.195 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS02

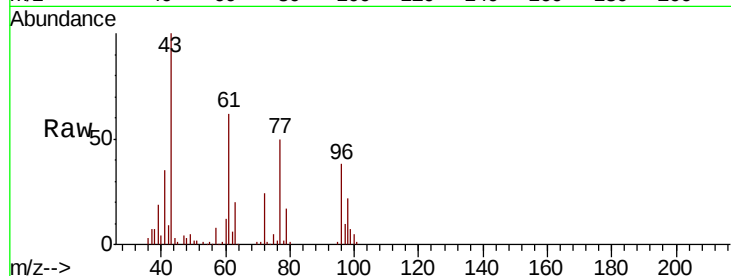
Tot Ion: 96 Resp: 58181

Ion Ratio Lower Upper

96 100

61 170.2 0.0 330.0

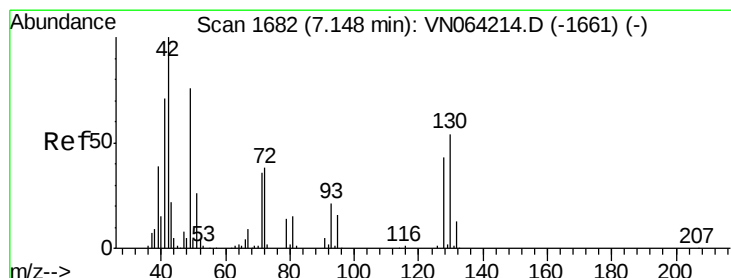
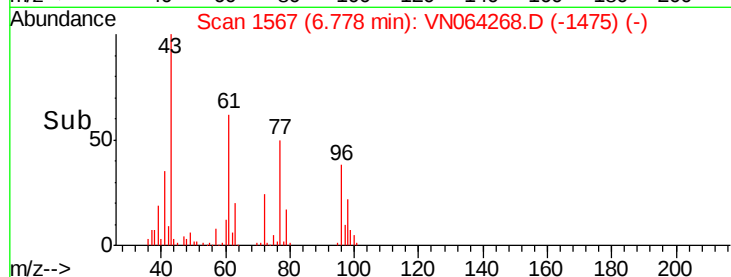
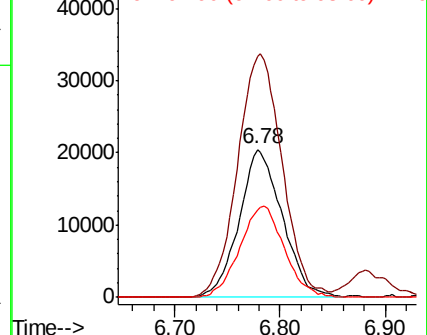
98 63.3 0.0 130.6



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: 17.933 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

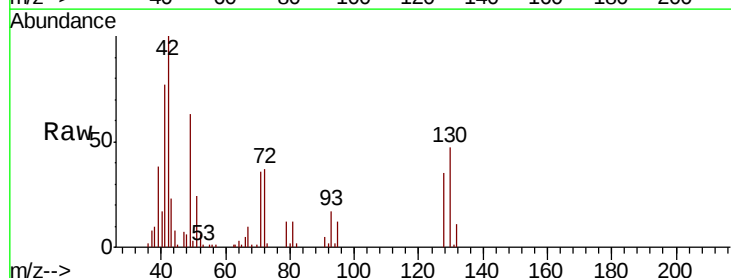
Tgt Ion: 49 Resp: 43341

Ion Ratio Lower Upper

49 100

129 0.8 0.0 2.8

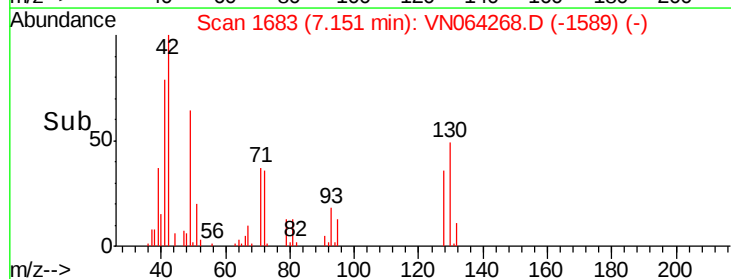
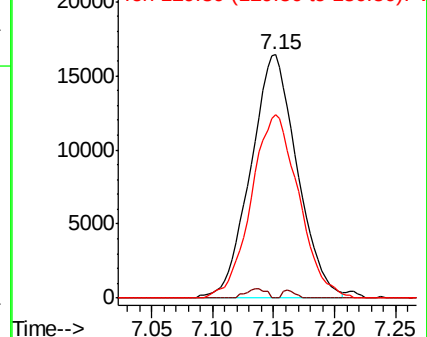
130 77.1 58.8 88.2

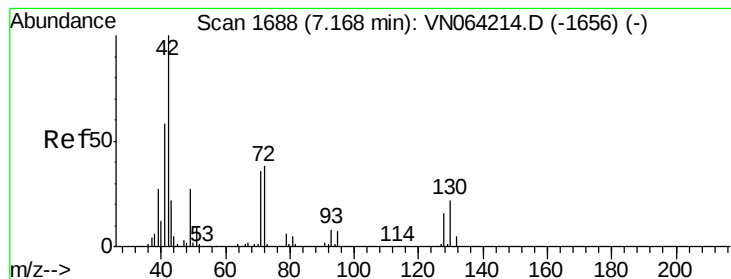


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 102.143 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS02

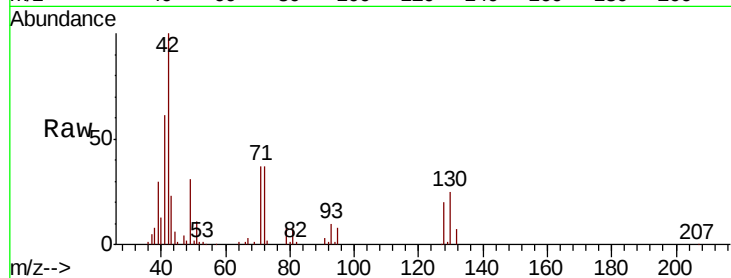
Tot Ion: 42 Resp: 103877

Ion Ratio Lower Upper

42 100

72 38.6 30.8 46.2

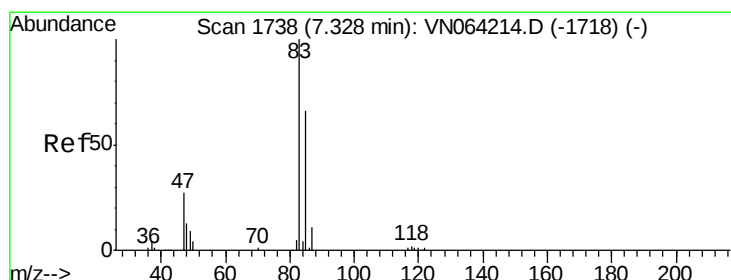
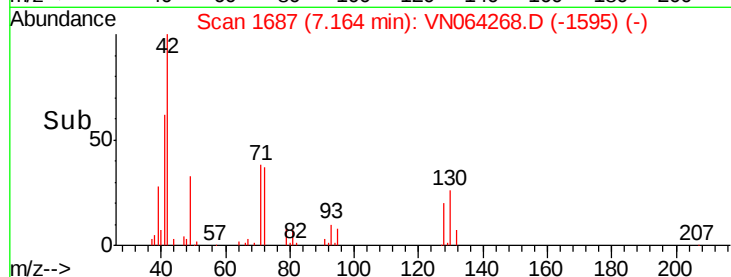
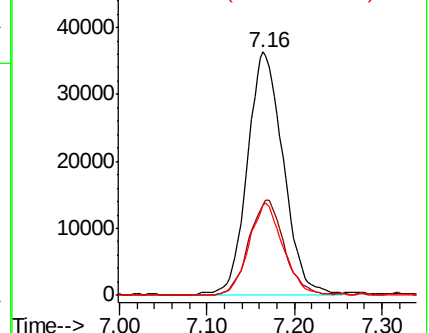
71 36.0 29.0 43.6



Abundance Ion 42.00 (41.70 to 42.70): VN064214.D (-1656) (-)

Ion 72.00 (71.70 to 72.70): VN064214.D (-1656) (-)

Ion 71.00 (70.70 to 71.70): VN064214.D (-1656) (-)



#30

Chloroform

Concen: 20.293 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN064268.D

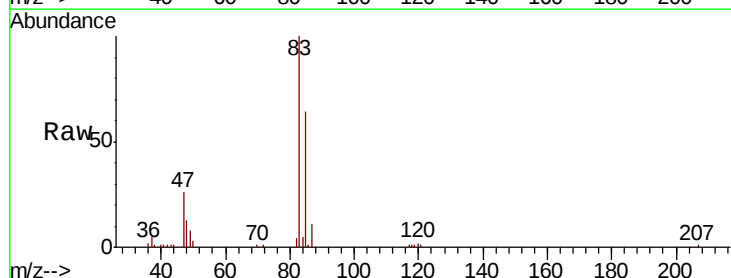
Acq: 22 Oct 2020 22:26

Tgt Ion: 83 Resp: 110121

Ion Ratio Lower Upper

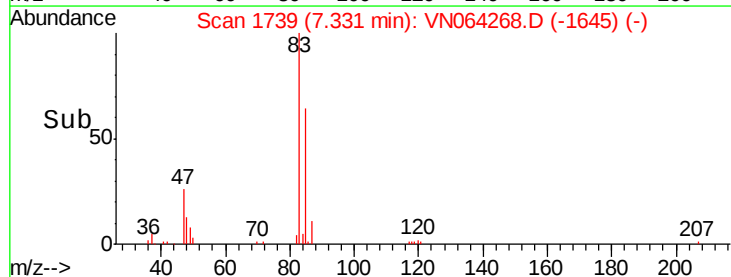
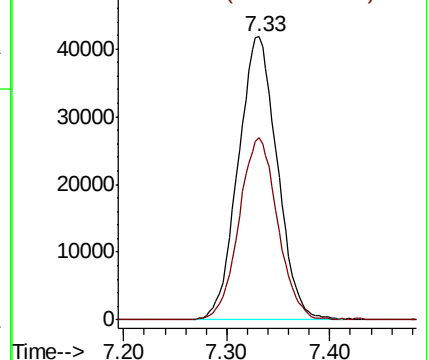
83 100

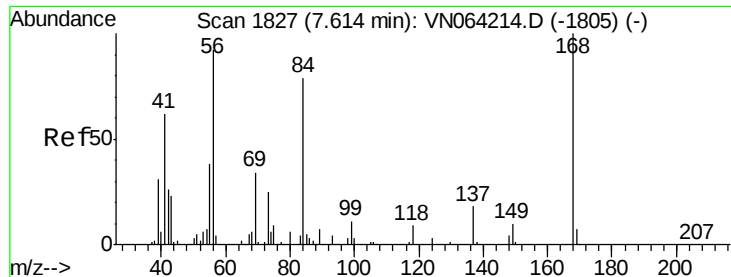
85 64.4 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN064214.D (-1718) (-)

Ion 84.90 (84.60 to 85.60): VN064214.D (-1718) (-)

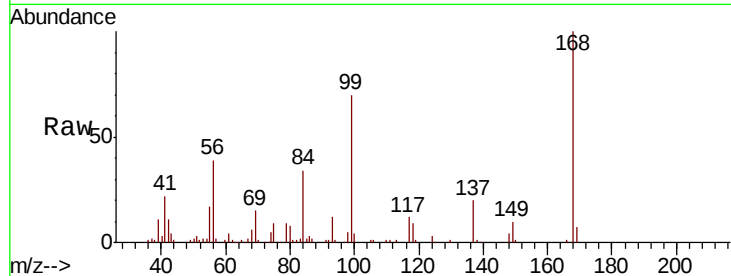




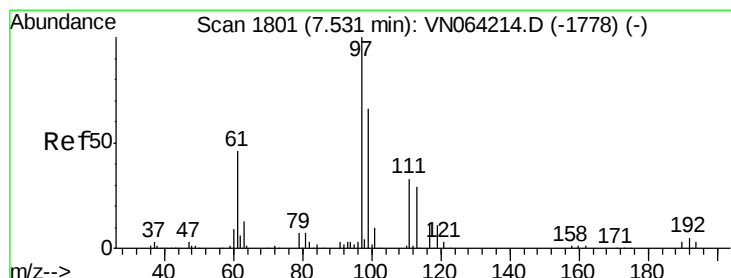
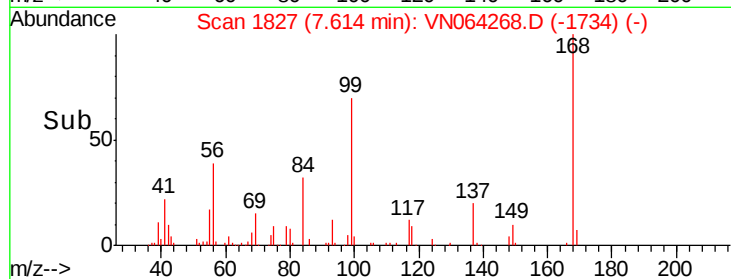
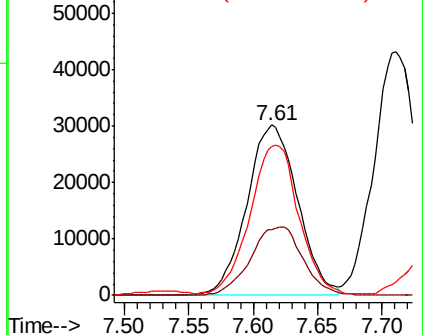
#31
Cyclohexane
Concen: 18.674 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tot Ion: 56 Resp: 82792
Ion Ratio Lower Upper
56 100
69 38.7 29.8 44.6
84 86.0 68.1 102.1

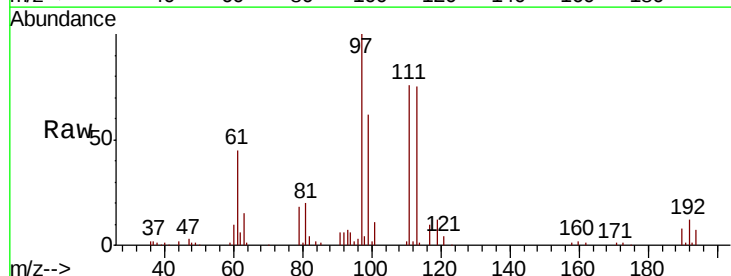


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

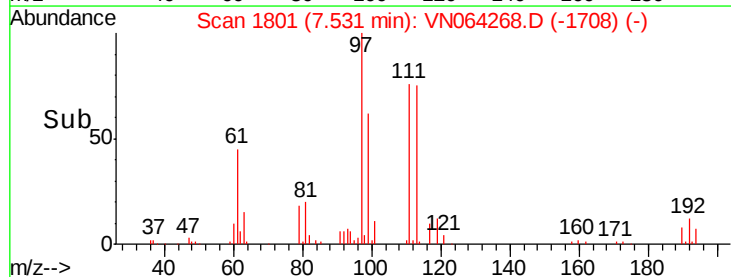
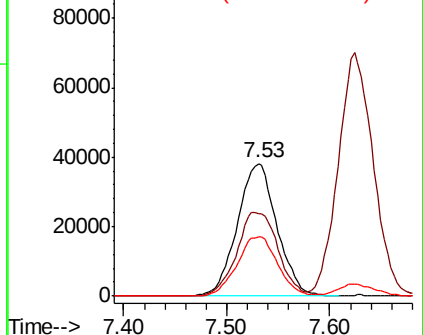


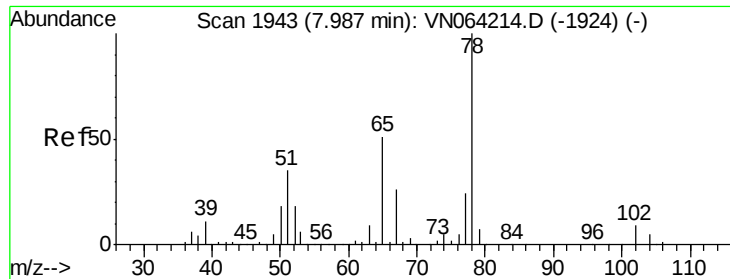
#32
1,1,1-Trichloroethane
Concen: 20.025 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion: 97 Resp: 101798
Ion Ratio Lower Upper
97 100
99 65.9 51.2 76.8
61 46.1 36.3 54.5



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





#33

1,2-Dichloroethane-d4

Concen: 52.676 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

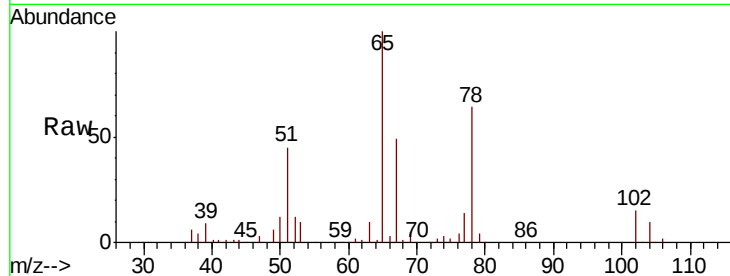
VN1022WBS02

Tot Ion: 65 Resp: 197006

Ion Ratio Lower Upper

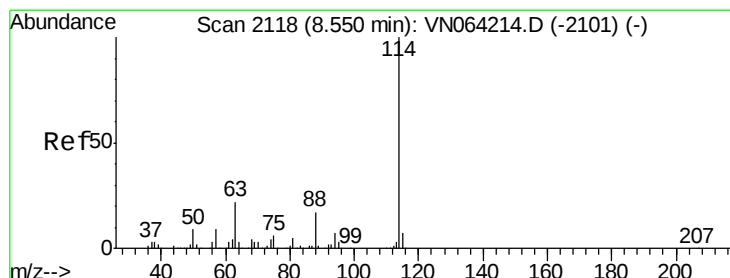
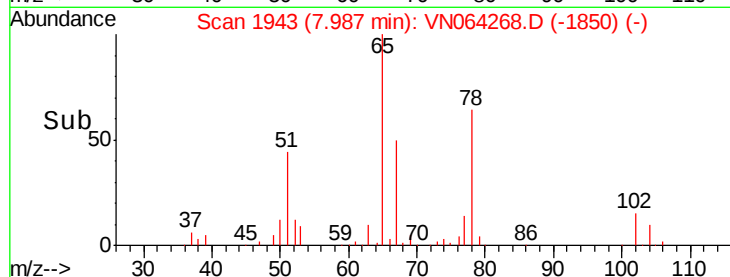
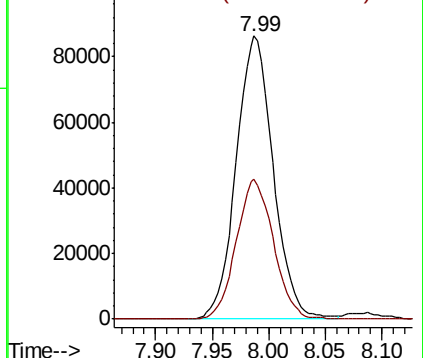
65 100

67 49.6 0.0 100.2



Abundance Ion 64.90 (64.60 to 65.60): VN064268.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064268.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

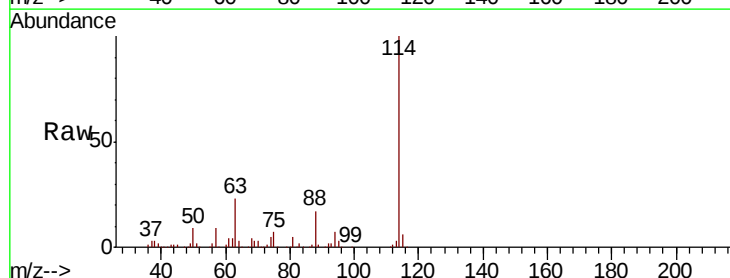
Tgt Ion: 114 Resp: 413286

Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.0

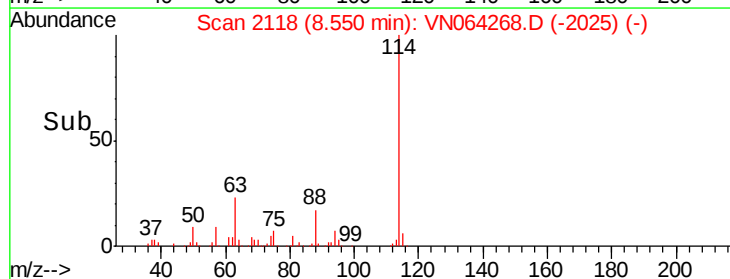
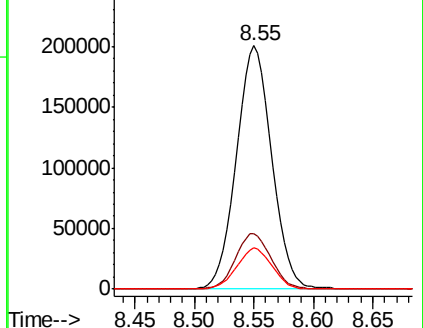
88 16.8 0.0 34.2

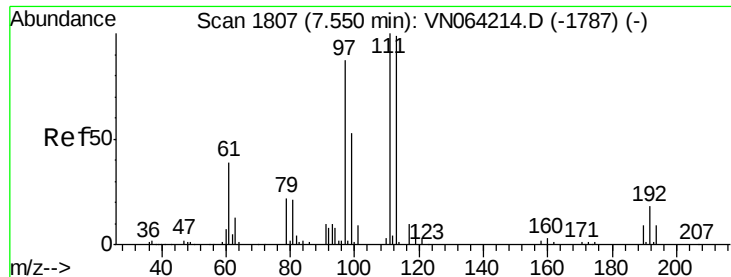


Abundance Ion 113.90 (113.60 to 114.60): VN064268.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064268.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064268.D (-2025) (-)

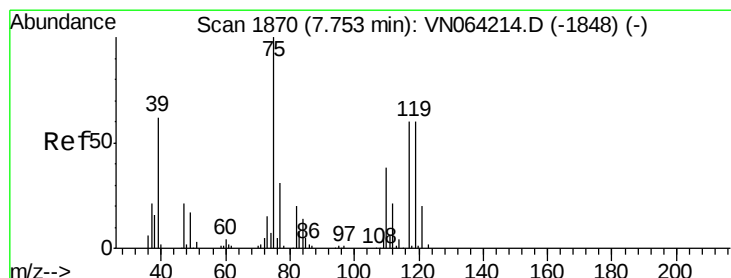
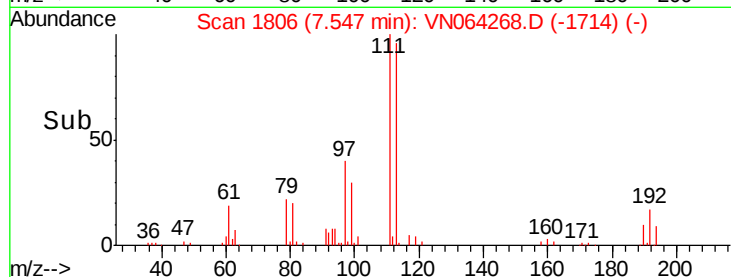
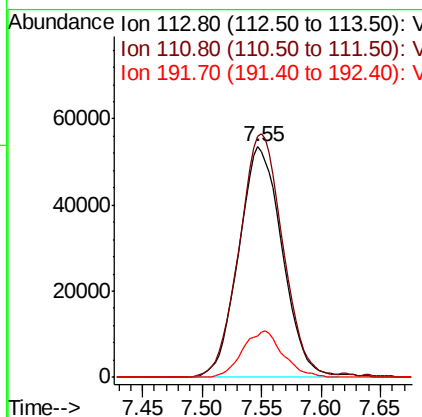
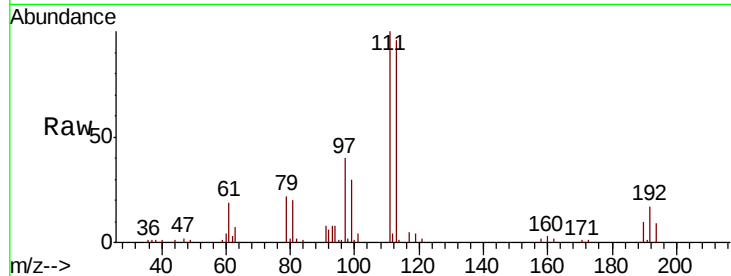




#35
 Dibromofluoromethane
 Concen: 49.339 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

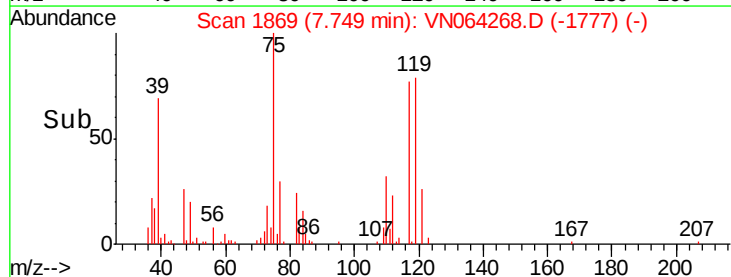
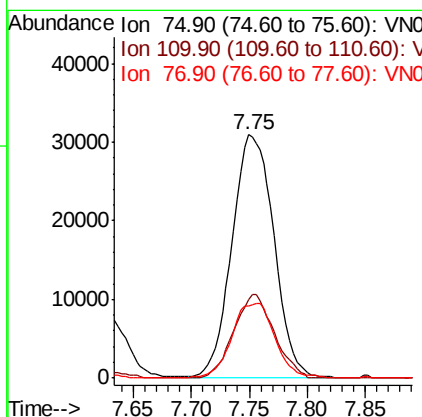
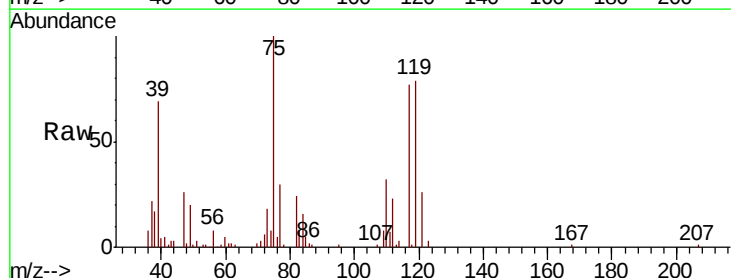
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS02

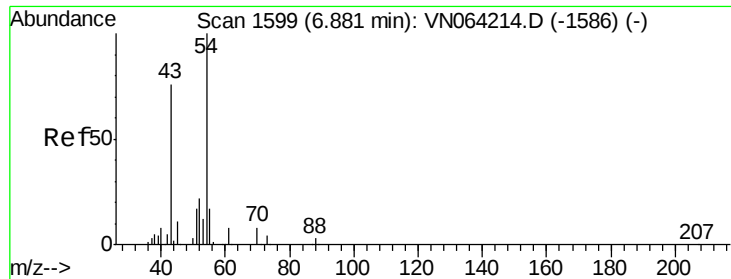
Tot Ion:113 Resp: 135570
 Ion Ratio Lower Upper
 113 100
 111 105.8 84.2 126.2
 192 18.8 15.2 22.8



#36
 1,1-Dichloropropene
 Concen: 18.957 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

Tgt Ion: 75 Resp: 78108
 Ion Ratio Lower Upper
 75 100
 110 33.0 17.2 51.6
 77 31.6 24.9 37.3

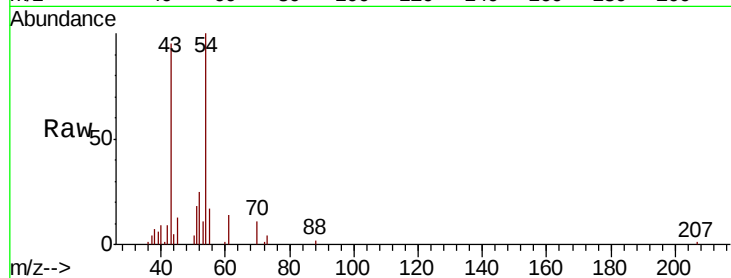




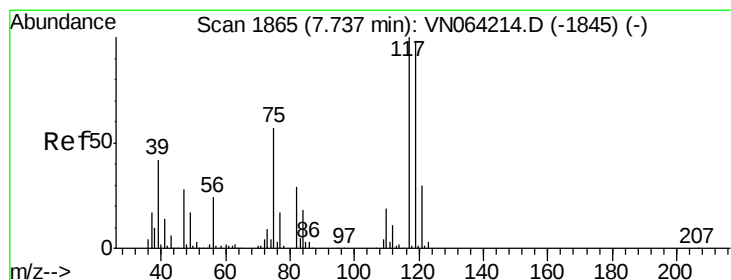
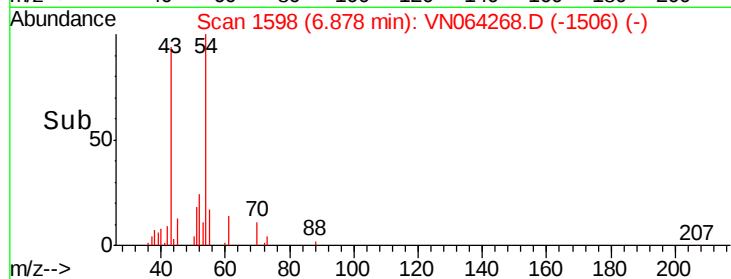
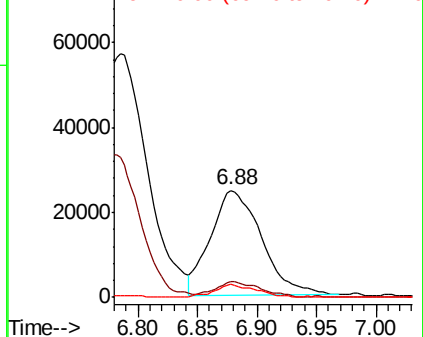
#37
Ethyl Acetate
Concen: 19.651 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

Tot Ion: 43 Resp: 73512
Ion Ratio Lower Upper
43 100
61 12.2 10.0 15.0
70 10.3 7.5 11.3

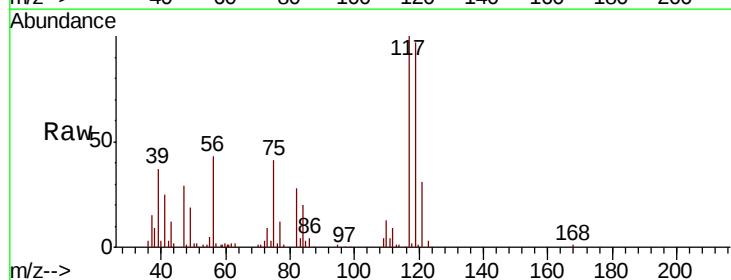


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

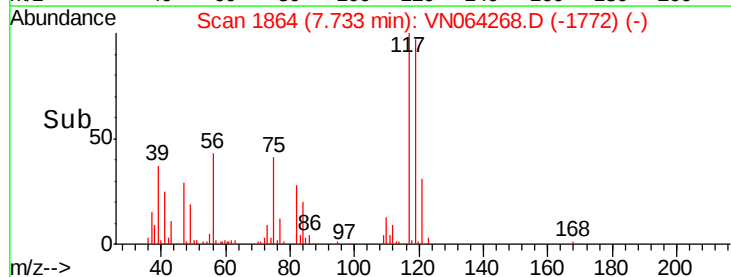
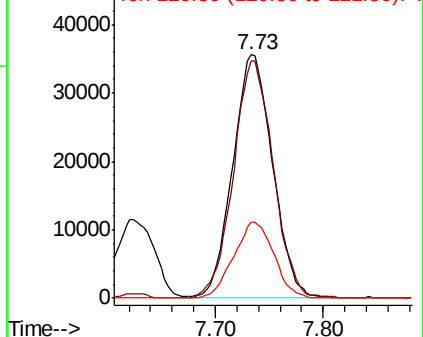


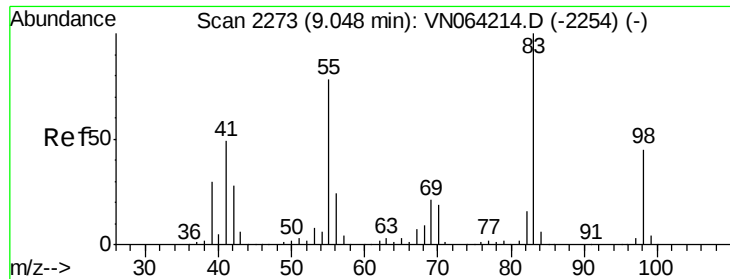
#38
Carbon Tetrachloride
Concen: 19.491 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion: 117 Resp: 91370
Ion Ratio Lower Upper
117 100
119 97.3 78.5 117.7
121 31.0 24.3 36.5



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

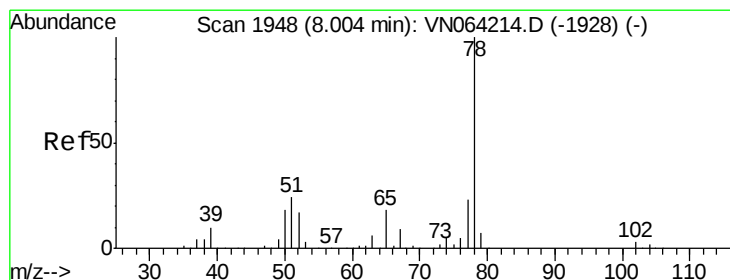
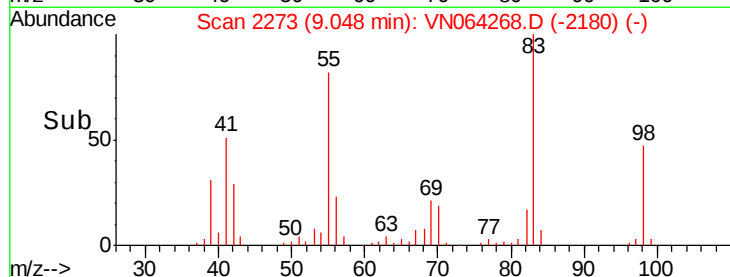
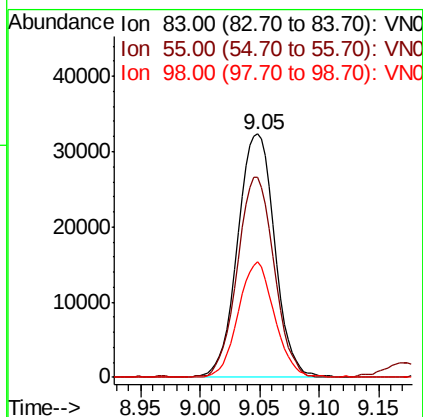
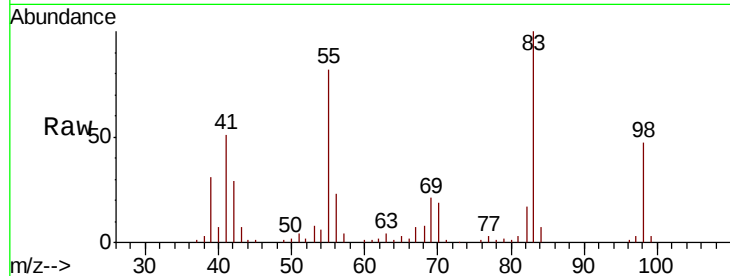




#39
Methvlcvclohexane
Concen: 18.674 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

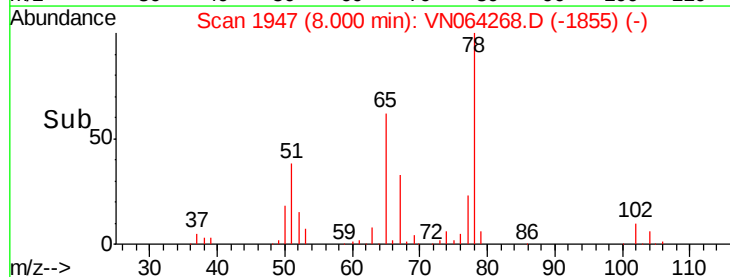
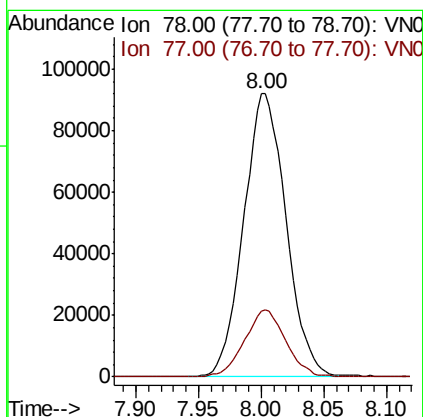
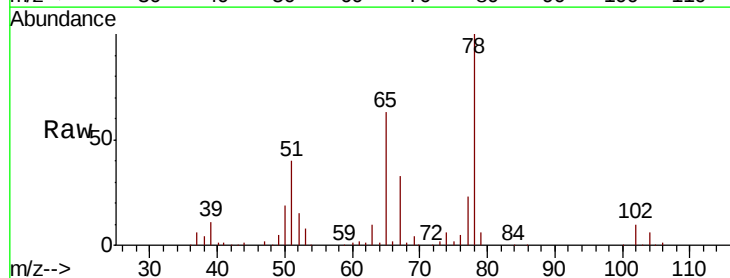
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

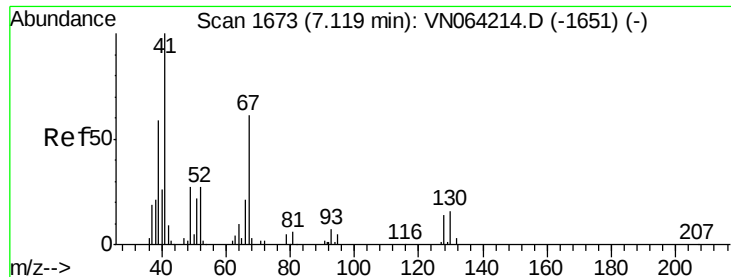
Tot Ion: 83 Resp: 69961
Ion Ratio Lower Upper
83 100
55 82.1 62.2 93.2
98 47.2 35.9 53.9



#40
Benzene
Concen: 19.055 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion: 78 Resp: 216720
Ion Ratio Lower Upper
78 100
77 23.1 18.3 27.5

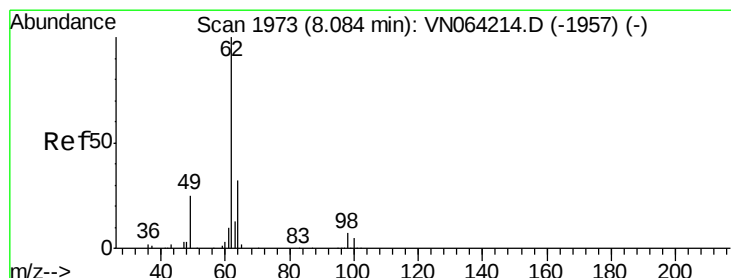
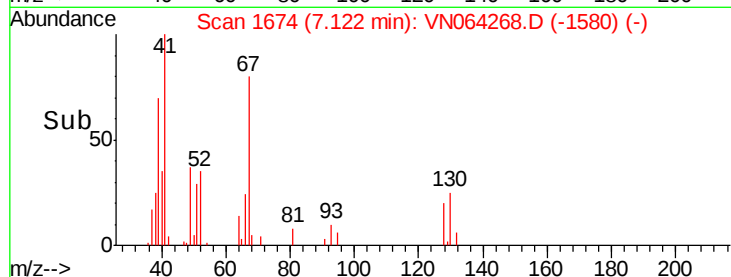
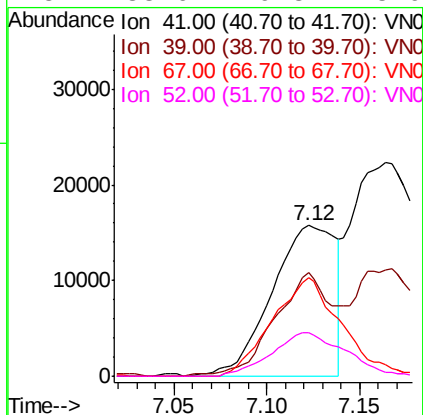
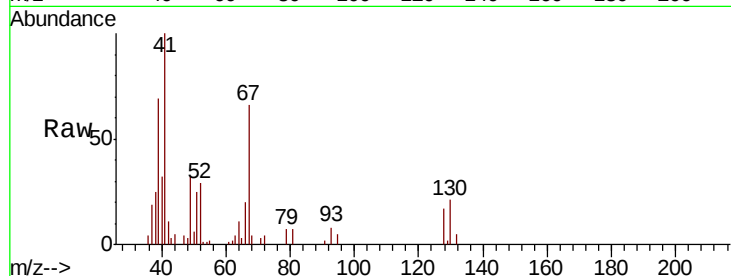




#41
Methacrylonitrile
Concen: 19.168 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

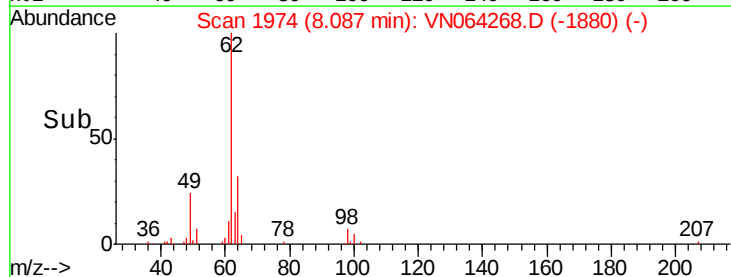
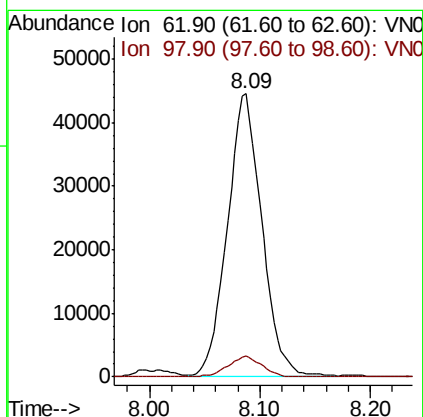
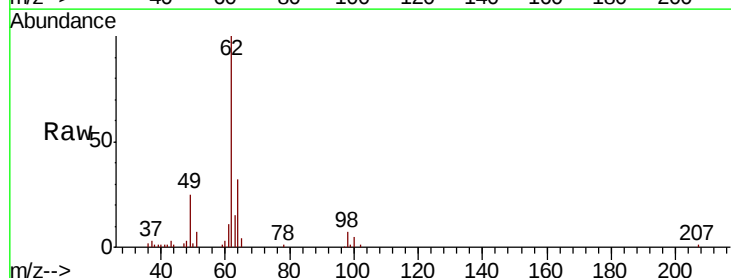
Instrument :
MSVOA_N
ClientSampled :
VN1022WBS02

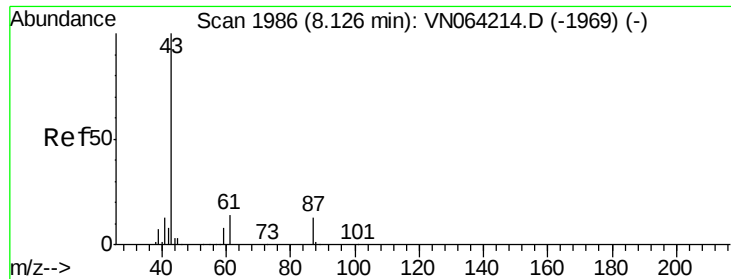
Tot Ion:	41	Resp:	37614
Ion	Ratio	Lower	Upper
41	100		
39	63.9	50.5	75.7
67	71.1	63.2	94.8
52	33.6	29.3	43.9



#42
1,2-Dichloroethane
Concen: 19.608 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion:	62	Resp:	95538
Ion	Ratio	Lower	Upper
62	100		
98	7.1	0.0	15.0





#43

Isopropyl Acetate

Concen: 19.052 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS02

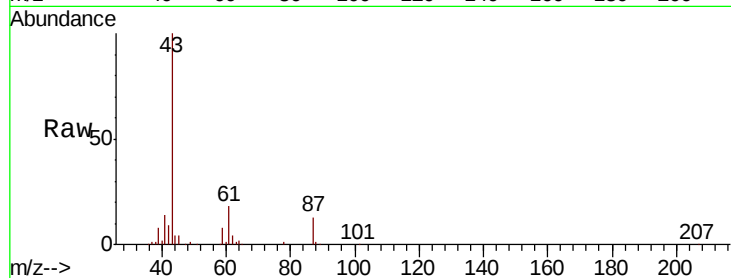
Tot Ion: 43 Resp: 132829

Ion Ratio Lower Upper

43 100

61 18.0 19.6 29.4#

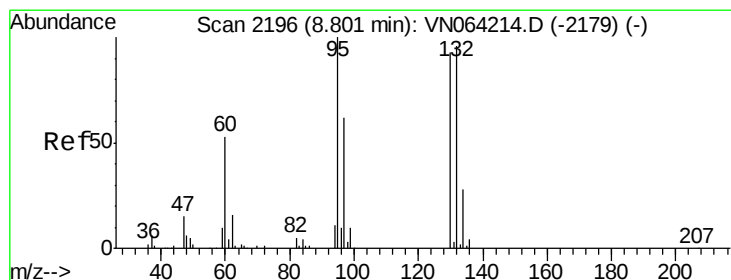
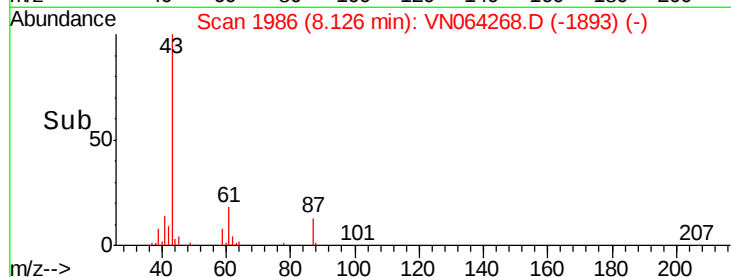
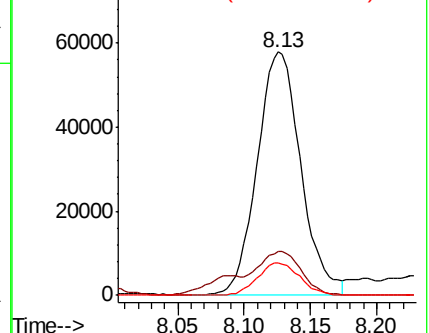
87 12.9 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN064214.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN064214.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN064214.D (-1969) (-)



#44

Trichloroethene

Concen: 19.390 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN064268.D

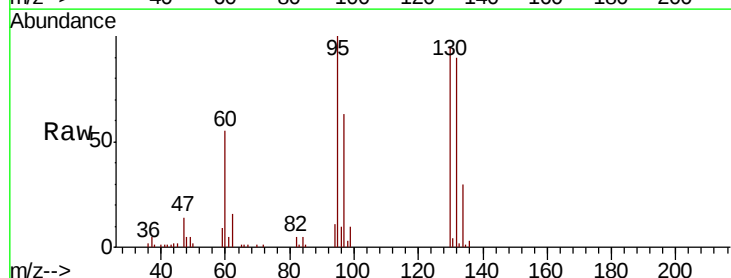
Acq: 22 Oct 2020 22:26

Tgt Ion:130 Resp: 60097

Ion Ratio Lower Upper

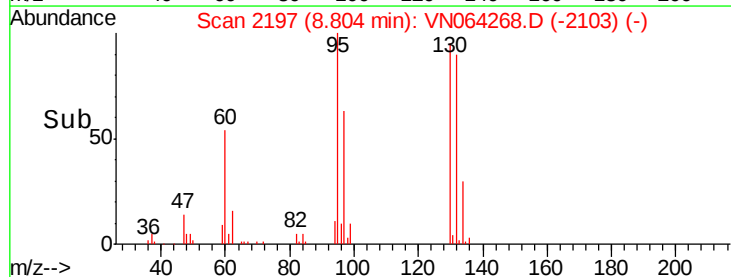
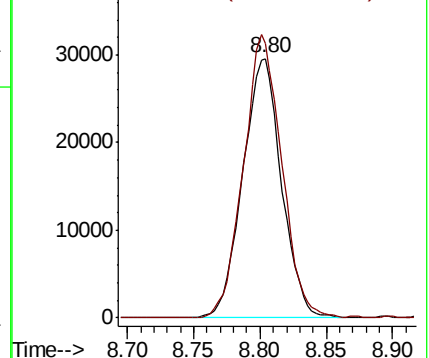
130 100

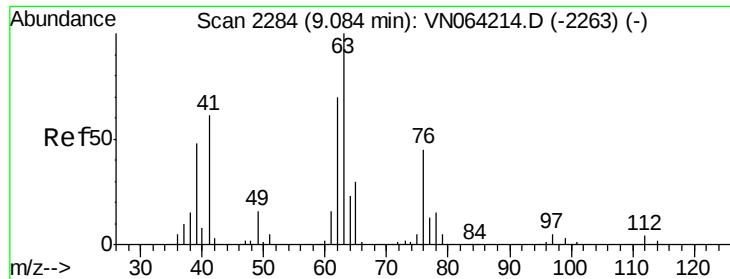
95 105.7 0.0 214.0



Abundance Ion 129.80 (129.50 to 130.50): VN064214.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN064214.D (-2179) (-)

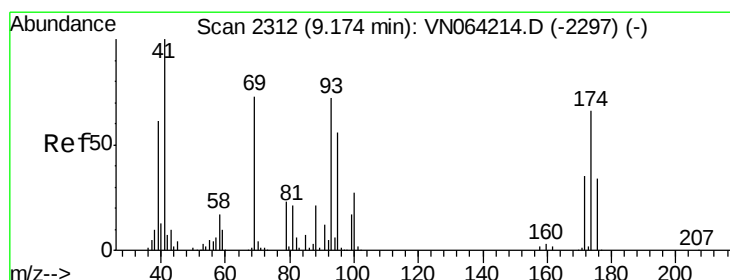
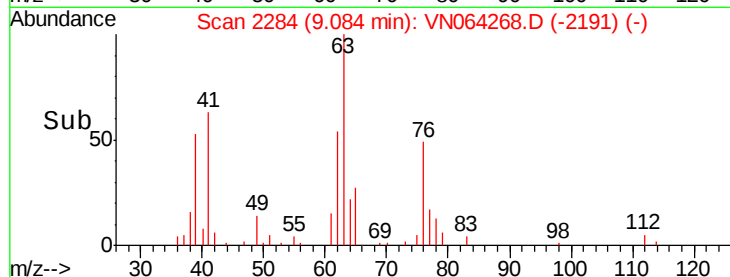
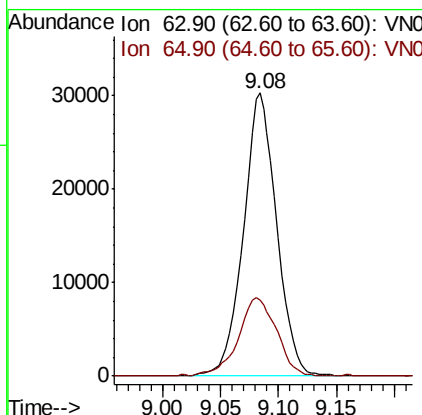
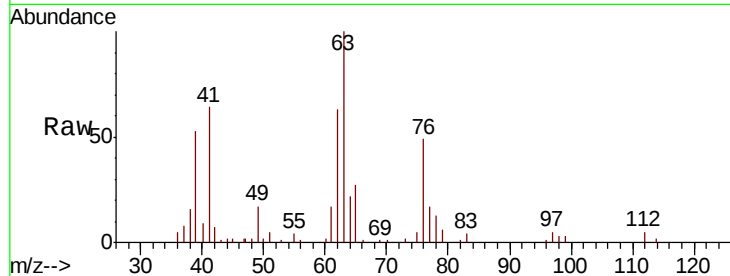




#45
 1,2-Dichloropropane
 Concen: 19.863 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

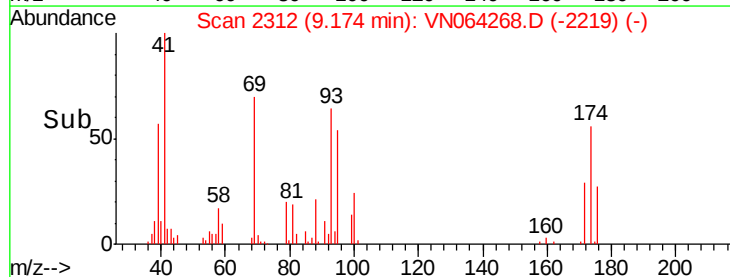
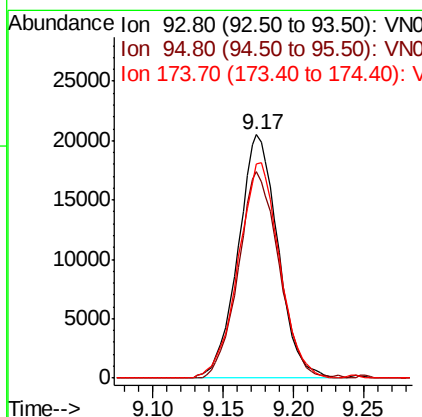
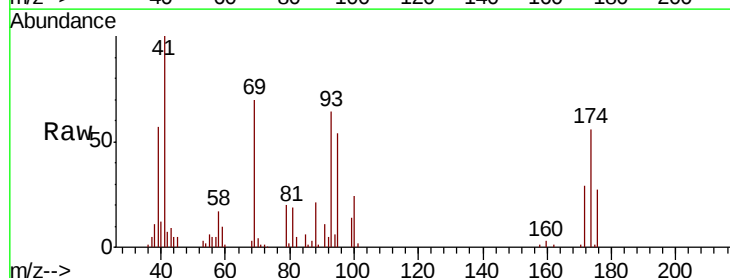
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS02

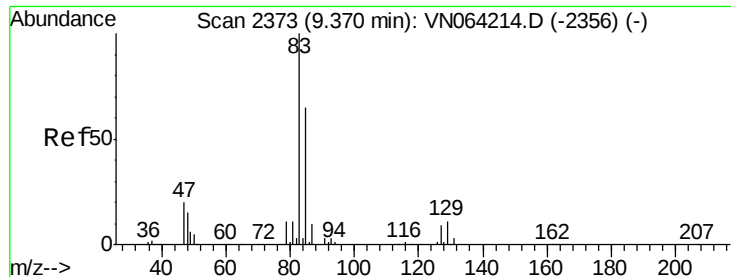
Tot Ion: 63 Resp: 60311
 Ion Ratio Lower Upper
 63 100
 65 26.8 24.0 36.0



#46
 Dibromomethane
 Concen: 19.840 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

Tgt Ion: 93 Resp: 40451
 Ion Ratio Lower Upper
 93 100
 95 86.5 63.0 94.4
 174 91.5 72.9 109.3





#47

Bromodichloromethane

Concen: 19.679 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS02

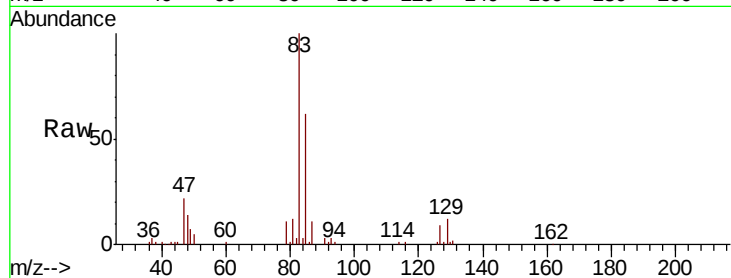
Tot Ion: 83 Resp: 88643

Ion Ratio Lower Upper

83 100

85 62.2 51.8 77.8

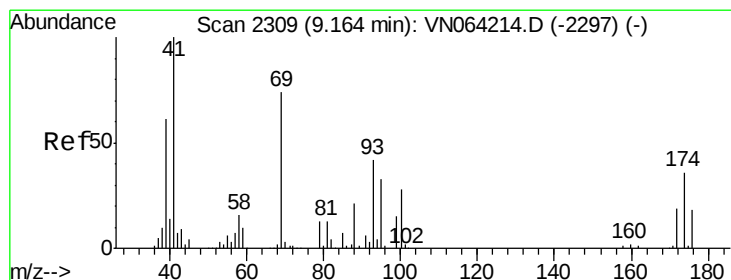
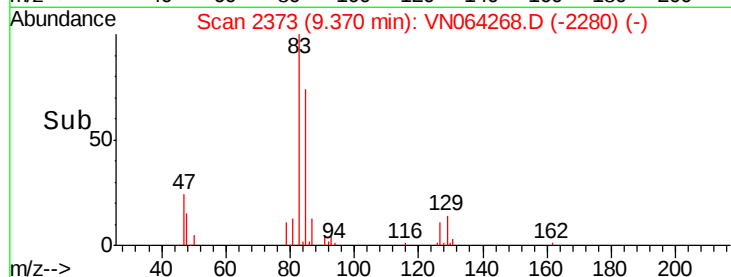
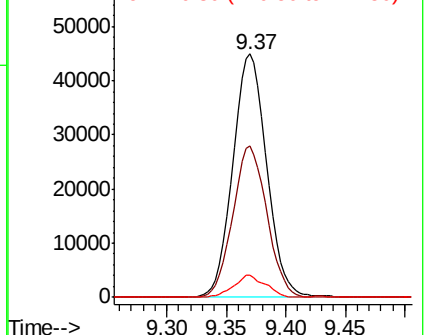
127 9.1 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN064268.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064268.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064268.D (-2280) (-)



#48

Methyl methacrylate

Concen: 18.704 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

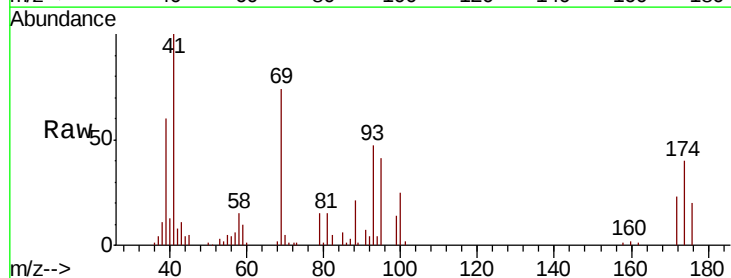
Tgt Ion: 41 Resp: 68119

Ion Ratio Lower Upper

41 100

69 75.1 57.3 85.9

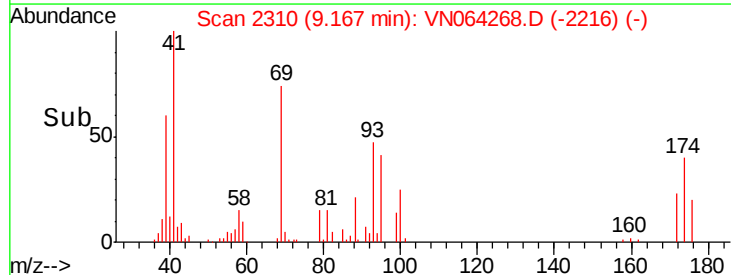
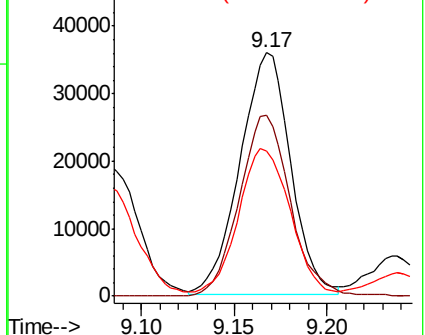
39 63.4 48.6 73.0

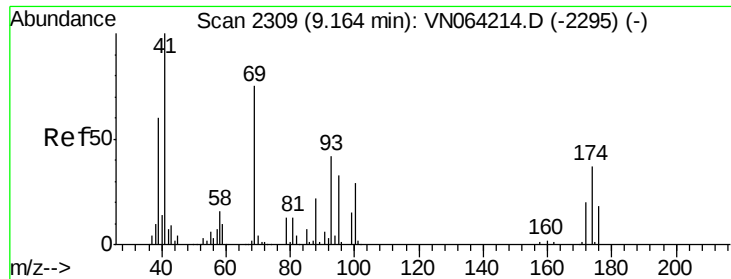


Abundance Ion 41.00 (40.70 to 41.70): VN064268.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064268.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064268.D (-2216) (-)

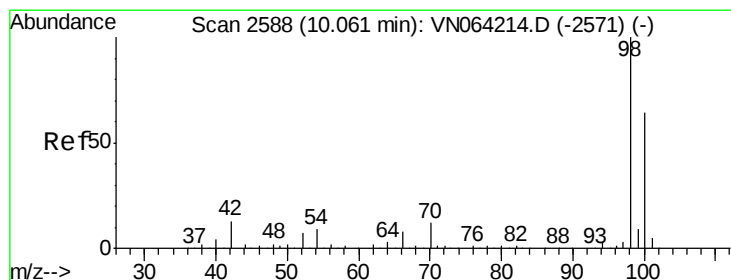
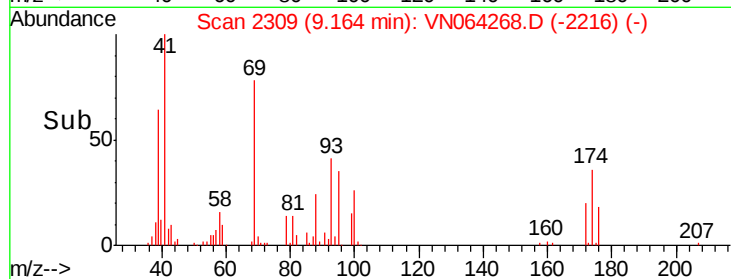
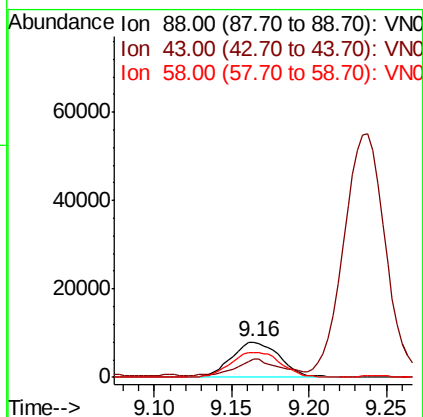
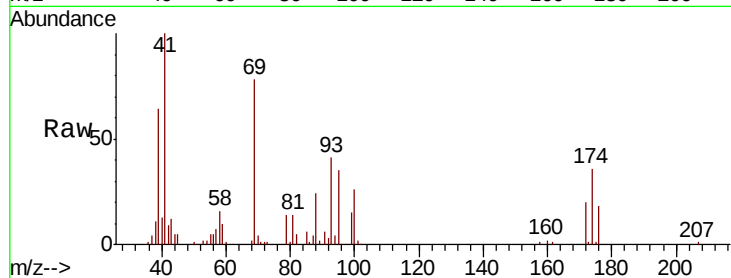




#49
 1,4-Dioxane
 Concen: 409.361 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

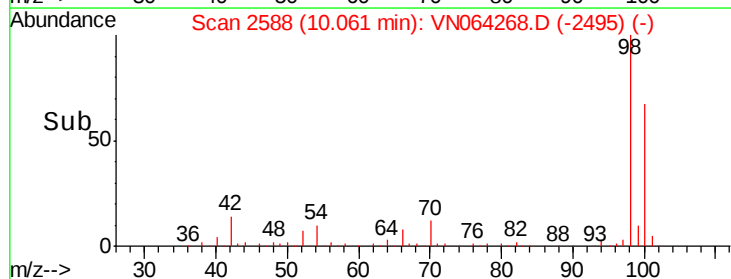
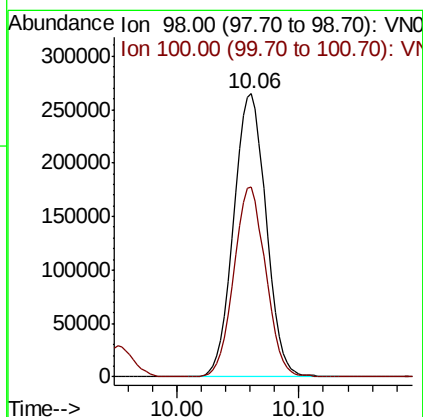
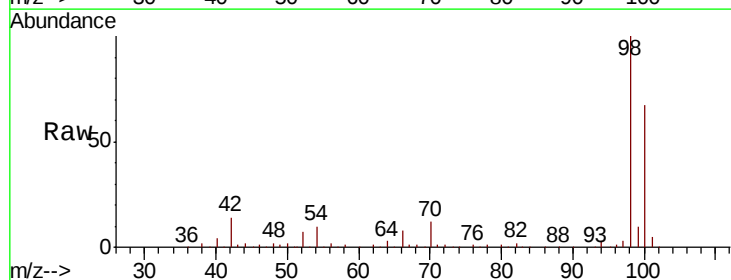
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS02

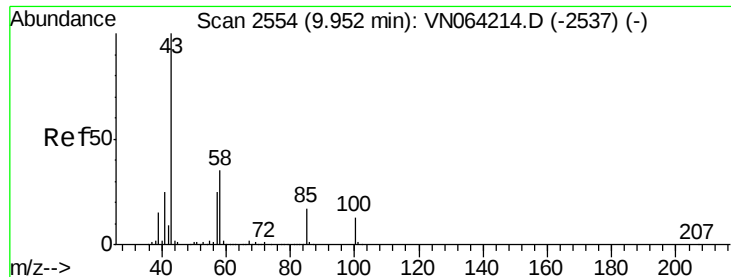
Tot Ion: 88 Resp: 17444
 Ion Ratio Lower Upper
 88 100
 43 39.3 34.6 52.0
 58 73.0 59.0 88.6



#50
 Toluene-d8
 Concen: 49.008 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

Tgt Ion: 98 Resp: 488487
 Ion Ratio Lower Upper
 98 100
 100 66.0 50.8 76.2





#51

4-Methyl-2-Pentanone

Concen: 101.319 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

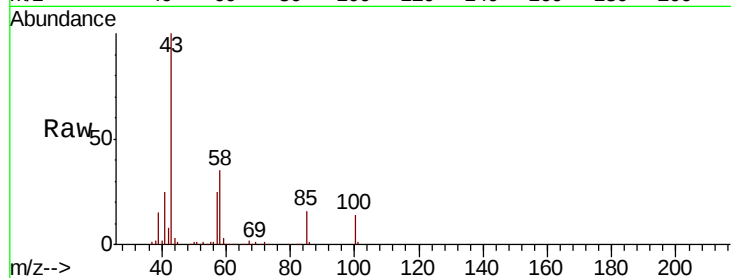
VN1022WBS02

Tot Ion: 43 Resp: 377526

Ion Ratio Lower Upper

43 100

58 34.7 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VN064214.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN064214.D (-2537) (-)

9.95

200000

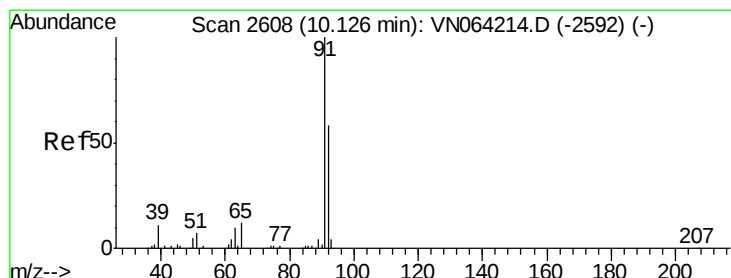
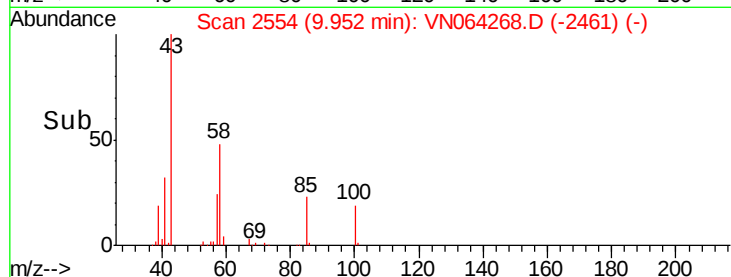
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.495 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064268.D

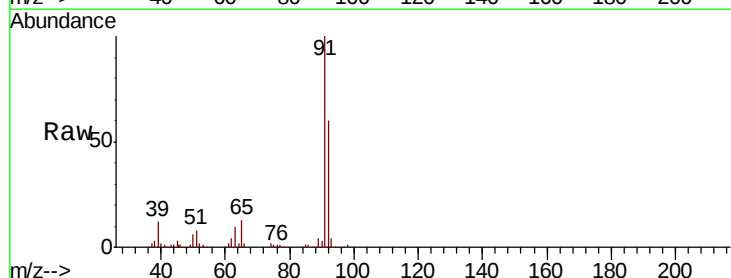
Acq: 22 Oct 2020 22:26

Tgt Ion: 92 Resp: 141875

Ion Ratio Lower Upper

92 100

91 167.2 137.4 206.2



Abundance Ion 92.00 (91.70 to 92.70): VN064214.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064214.D (-2592) (-)

10.12

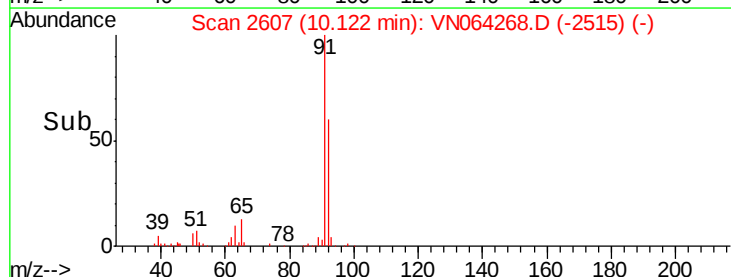
150000

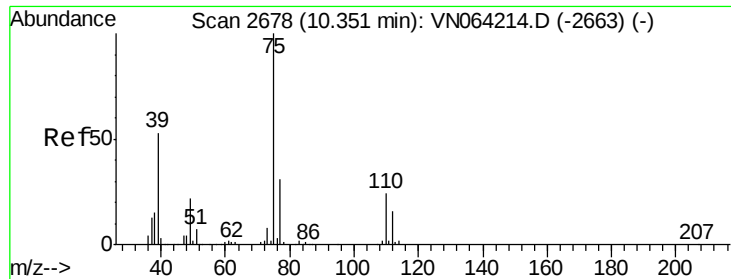
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.528 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

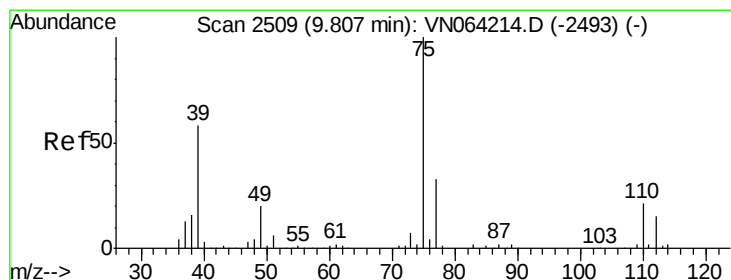
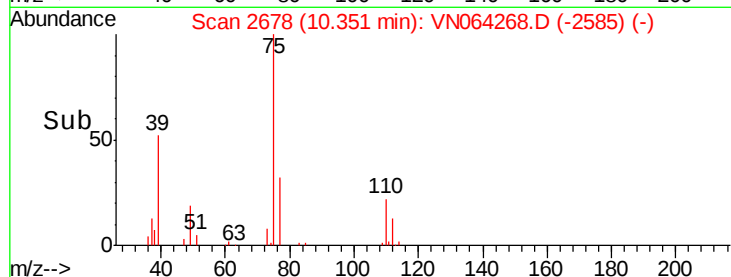
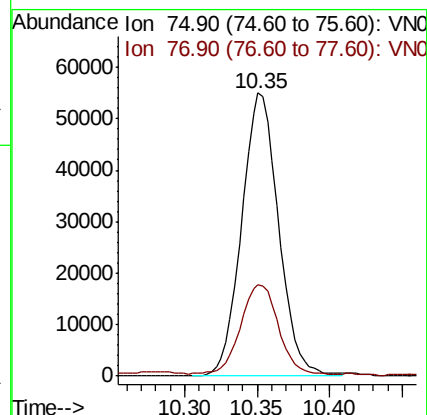
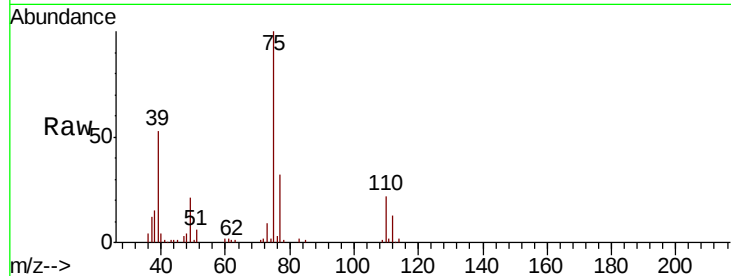
VN1022WBS02

Tot Ion: 75 Resp: 97716

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.781 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

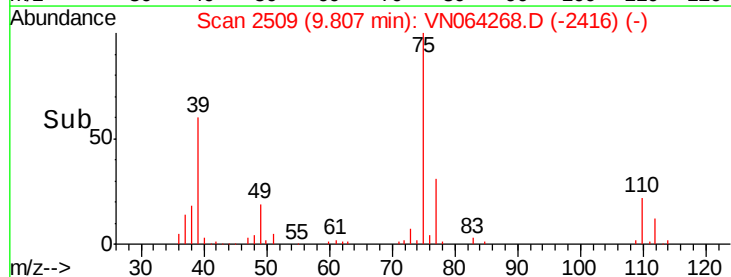
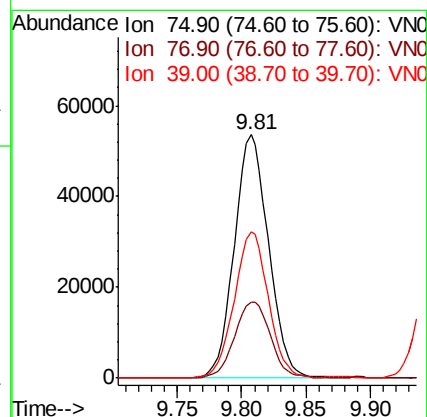
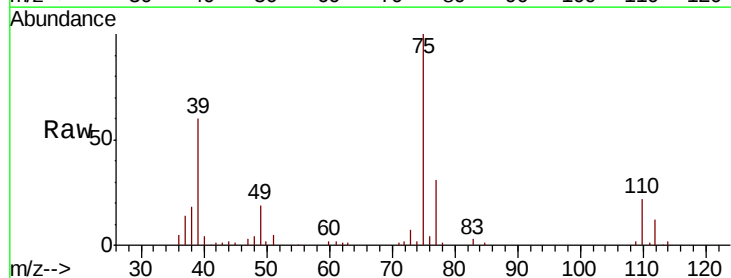
Tgt Ion: 75 Resp: 98950

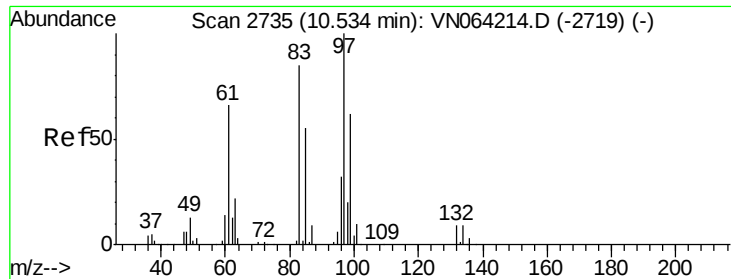
Ion Ratio Lower Upper

75 100

77 31.0 26.6 39.8

39 60.3 46.7 70.1

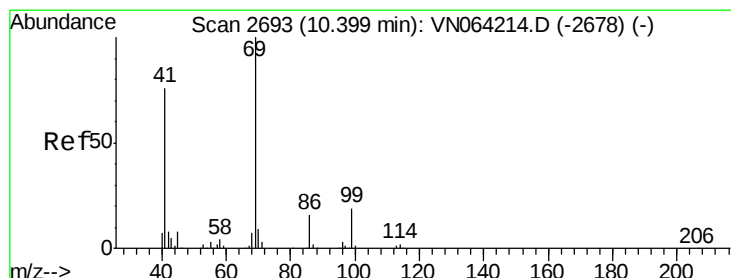
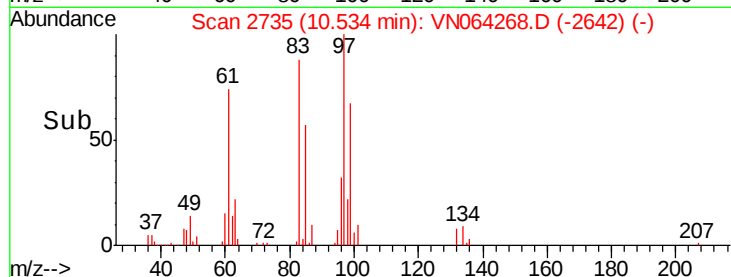
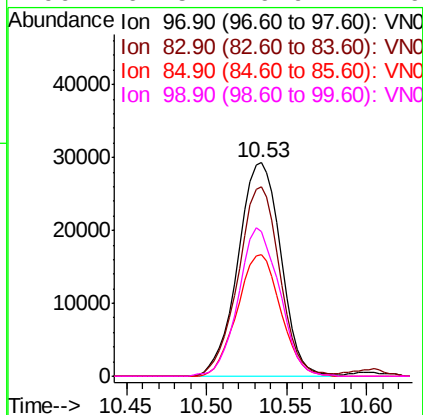
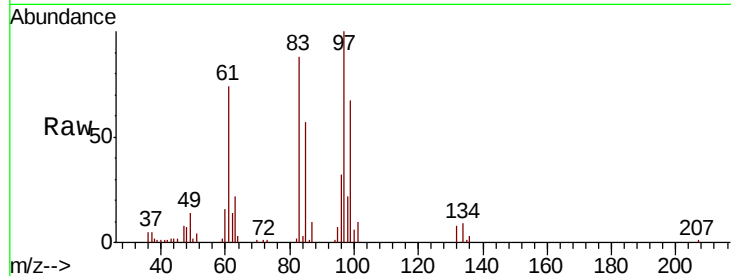




#55
 1,1,2-Trichloroethane
 Concen: 19.545 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

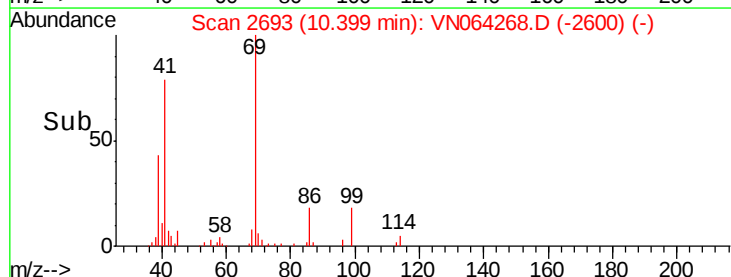
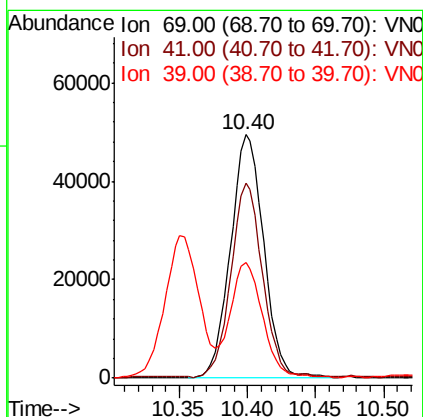
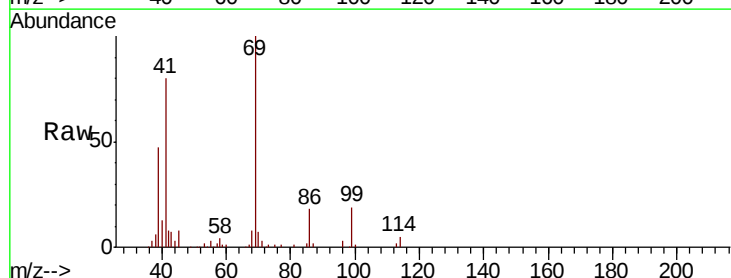
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS02

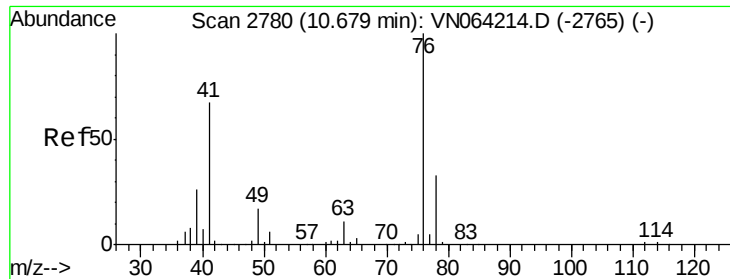
Tot Ion: 97 Resp: 53721
 Ion Ratio Lower Upper
 97 100
 83 88.4 67.8 101.6
 85 57.0 43.6 65.4
 99 67.5 49.9 74.9



#56
 Ethyl methacrylate
 Concen: 19.719 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

Tgt Ion: 69 Resp: 83805
 Ion Ratio Lower Upper
 69 100
 41 75.4 61.4 92.2
 39 46.7 36.0 54.0

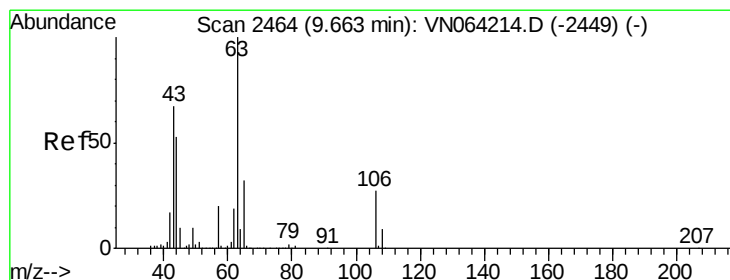
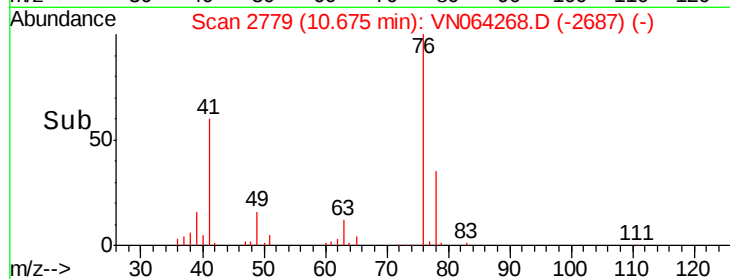
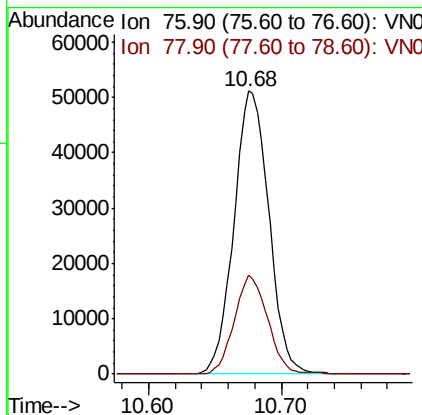
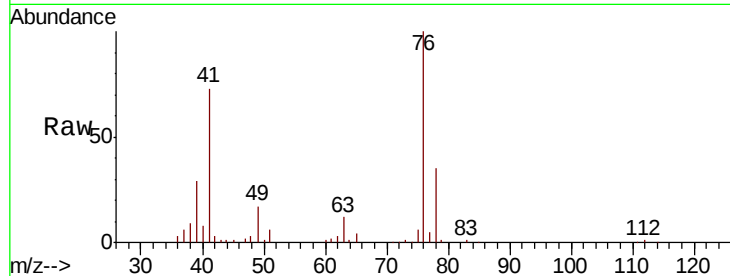




#57
 1,3-Dichloropropane
 Concen: 19.601 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

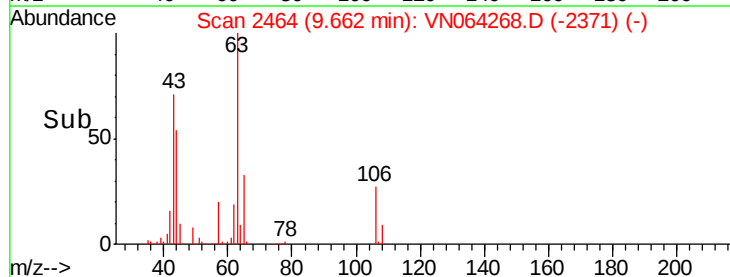
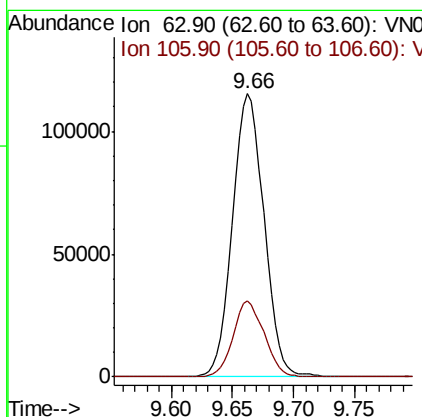
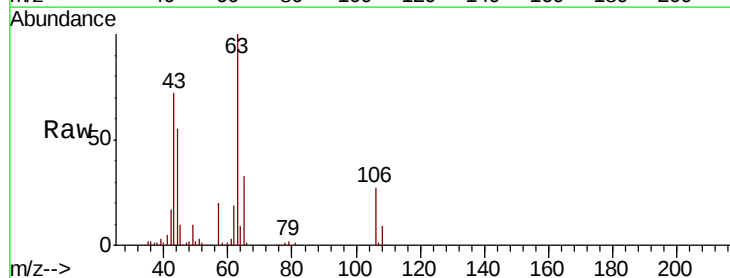
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS02

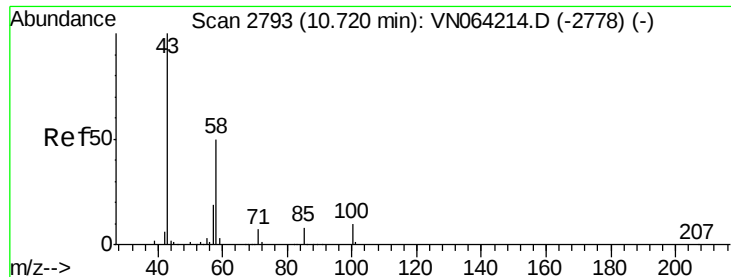
Tot Ion: 76 Resp: 93582
 Ion Ratio Lower Upper
 76 100
 78 33.2 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.876 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

Tgt Ion: 63 Resp: 207633
 Ion Ratio Lower Upper
 63 100
 106 26.4 21.3 31.9

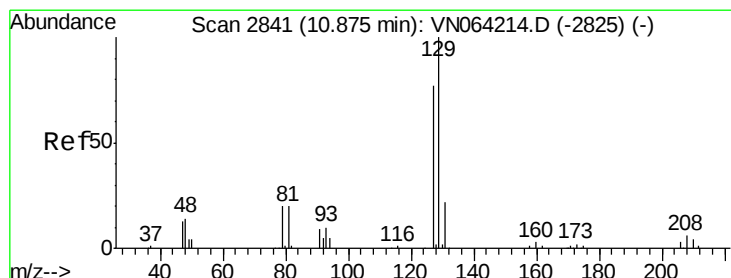
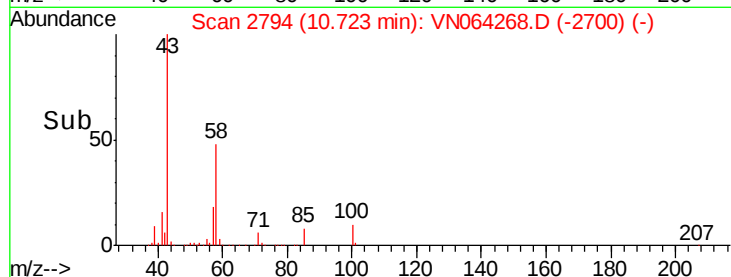
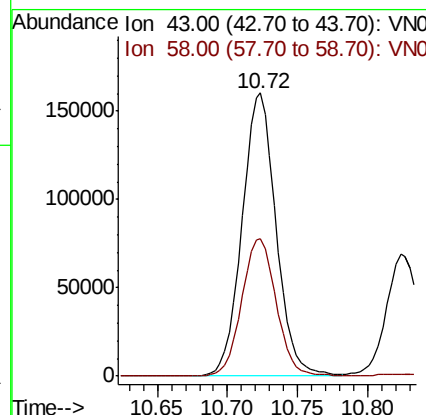
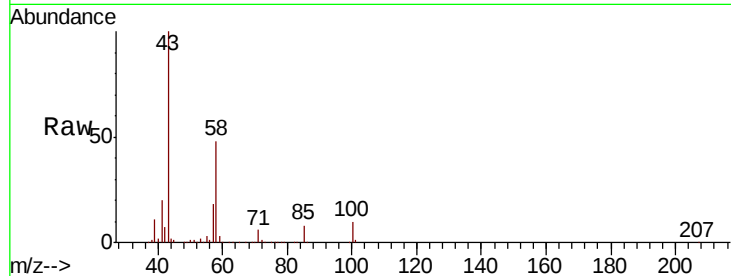




#59
2-Hexanone
Concen: 98.563 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

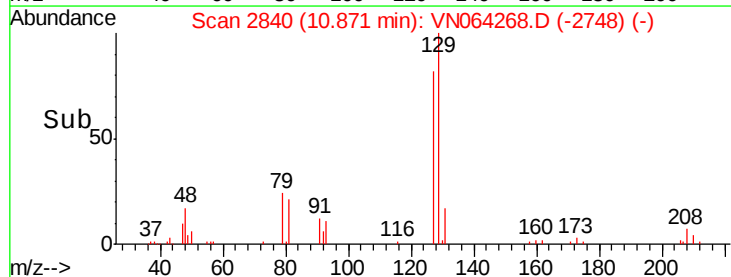
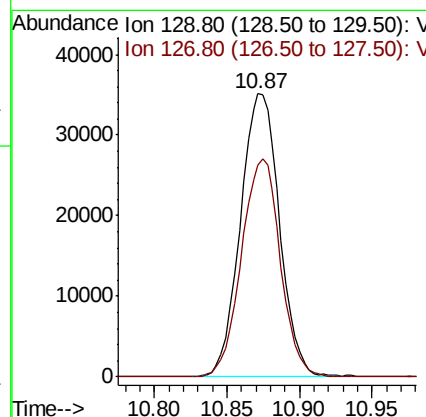
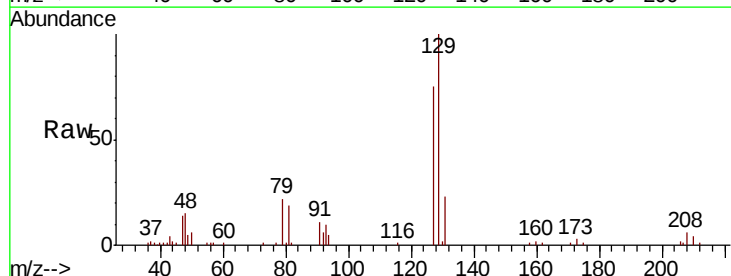
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

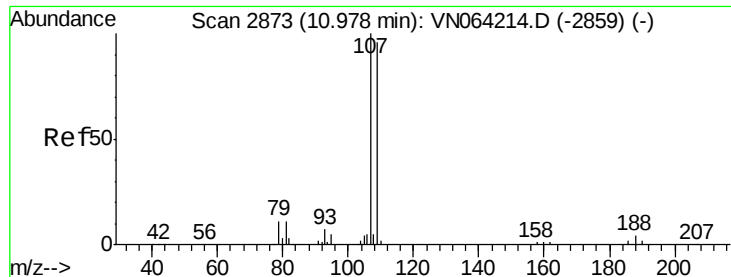
Tot Ion: 43 Resp: 268210
Ion Ratio Lower Upper
43 100
58 49.9 24.8 74.3



#60
Dibromochloromethane
Concen: 18.457 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion: 129 Resp: 65675
Ion Ratio Lower Upper
129 100
127 76.5 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.298 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

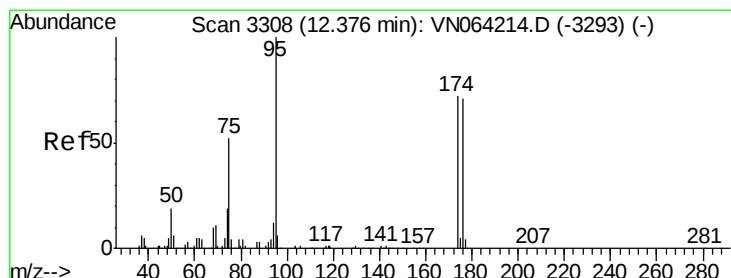
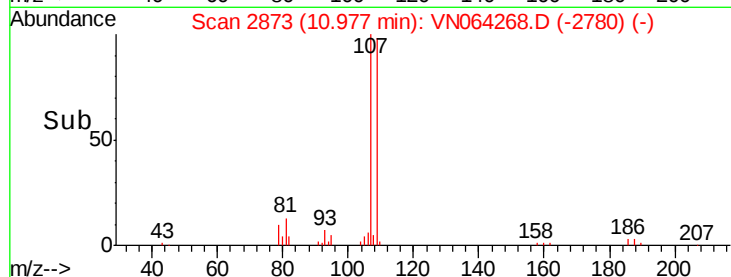
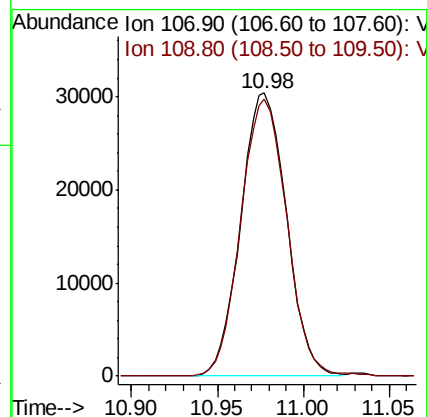
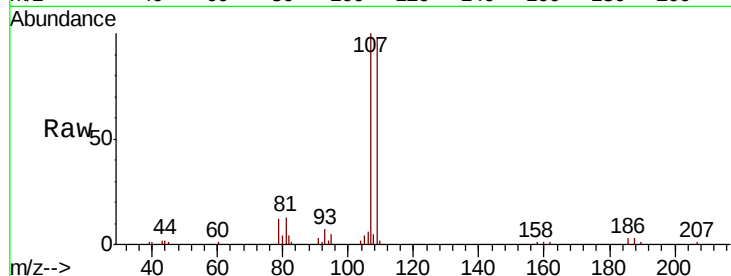
VN1022WBS02

Tot Ion:107 Resp: 55973

Ion Ratio Lower Upper

107 100

109 99.0 76.2 114.4



#62

4-Bromofluorobenzene

Concen: 48.476 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

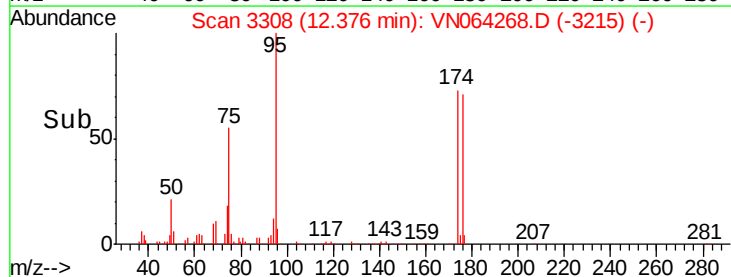
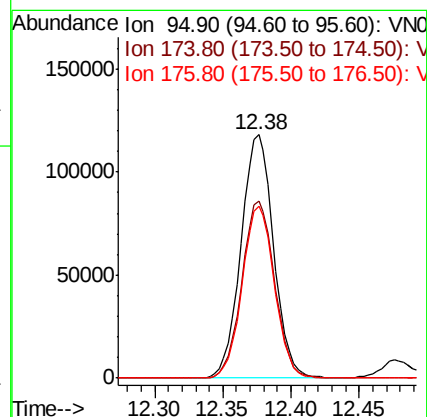
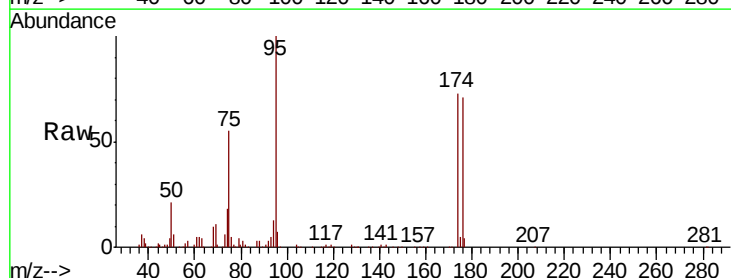
Tgt Ion: 95 Resp: 195877

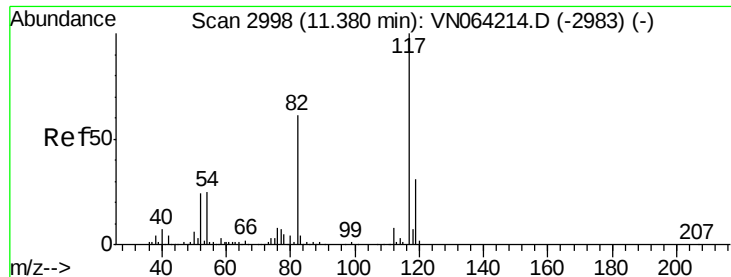
Ion Ratio Lower Upper

95 100

174 72.8 0.0 144.4

176 69.8 0.0 139.2

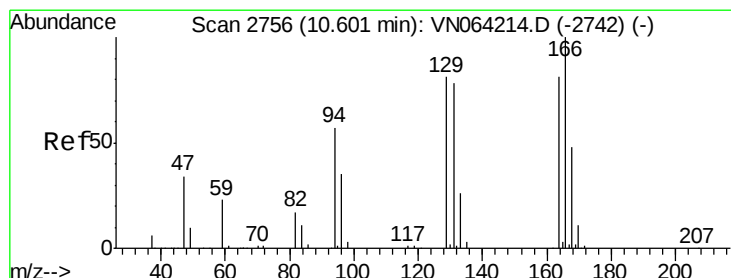
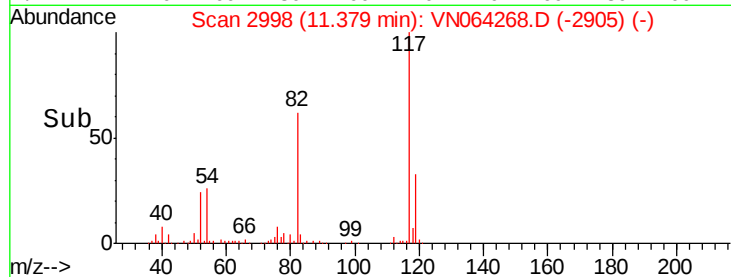
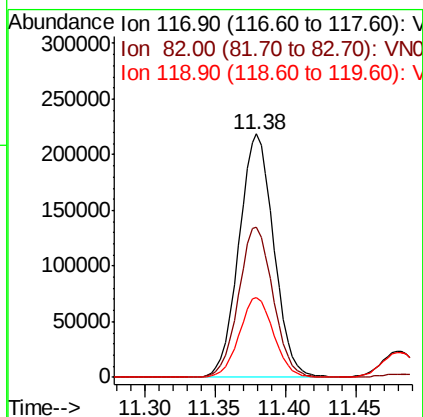
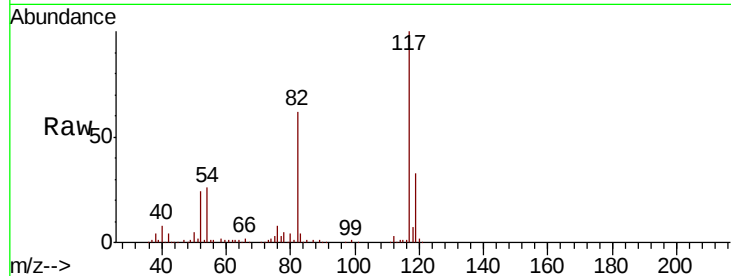




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

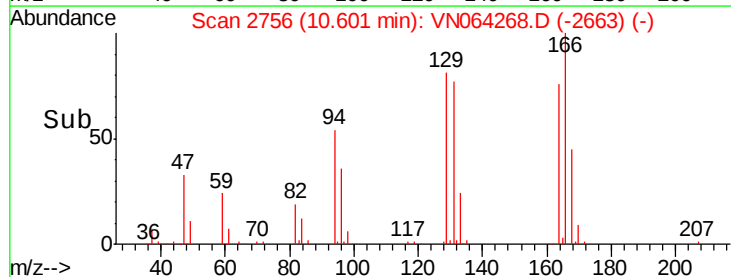
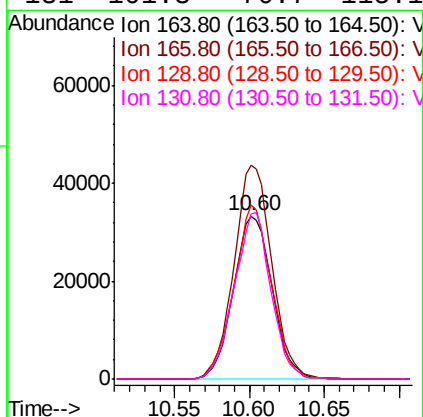
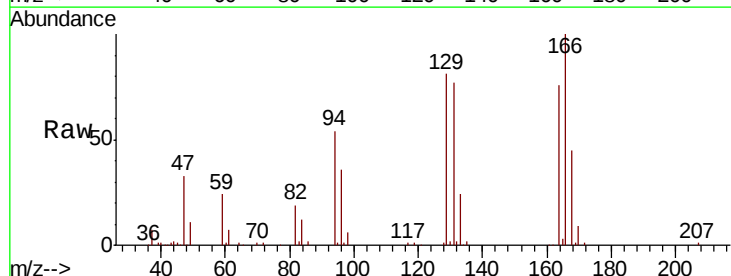
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

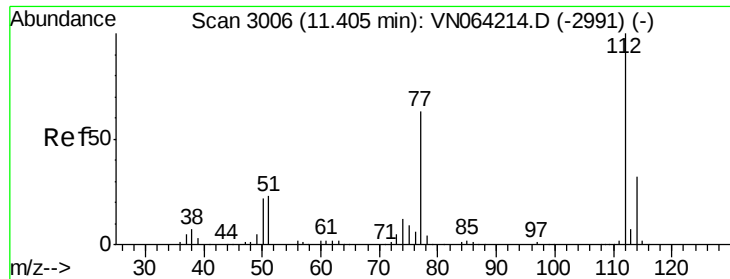
Tot Ion:117 Resp: 378230
Ion Ratio Lower Upper
117 100
82 61.9 48.8 73.2
119 33.0 24.7 37.1



#64
Tetrachloroethene
Concen: 19.701 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion:164 Resp: 59988
Ion Ratio Lower Upper
164 100
166 131.4 98.9 148.3
129 107.0 79.9 119.9
131 101.3 76.7 115.1

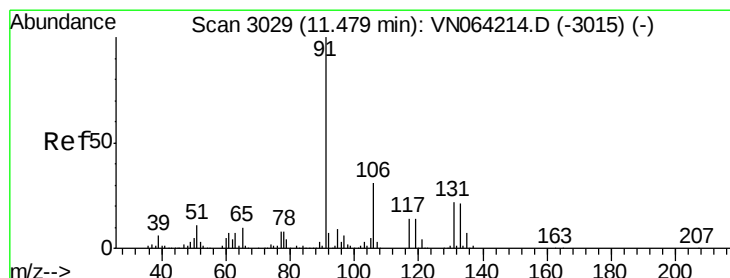
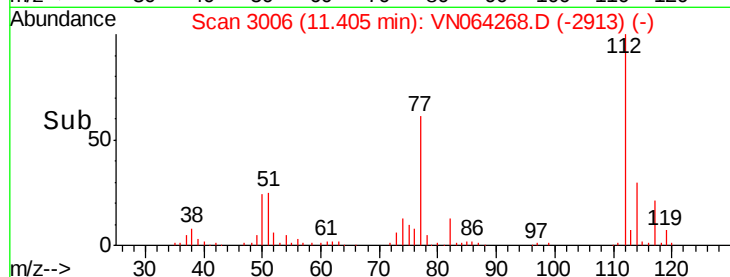
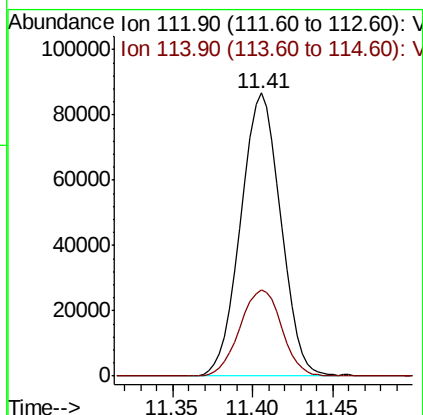
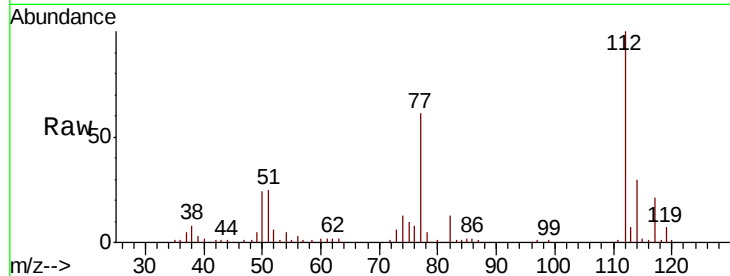




#65
Chlorobenzene
Concen: 18.915 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

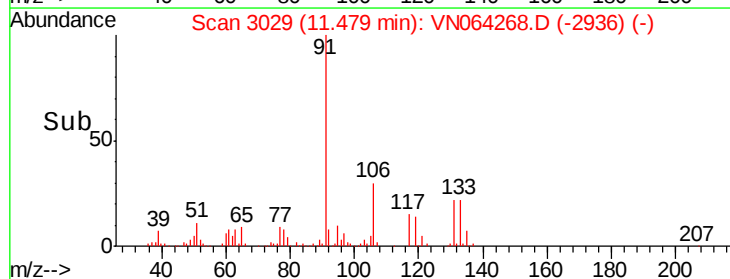
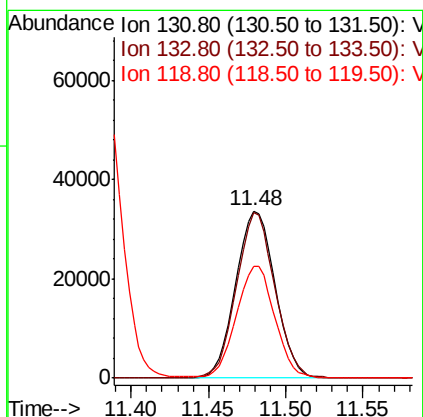
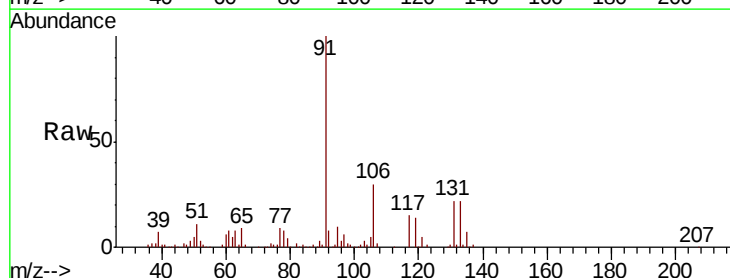
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

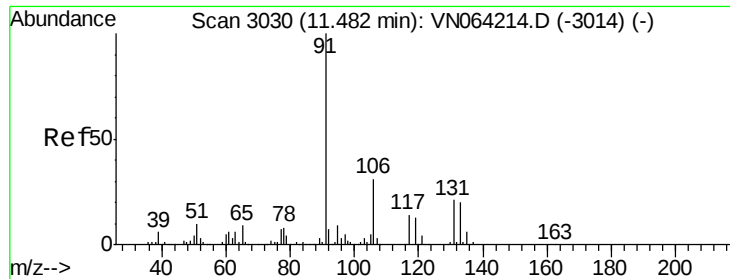
Tot Ion:112 Resp: 148088
Ion Ratio Lower Upper
112 100
114 30.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.242 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion:131 Resp: 59797
Ion Ratio Lower Upper
131 100
133 96.4 47.8 143.4
119 65.0 32.2 96.6

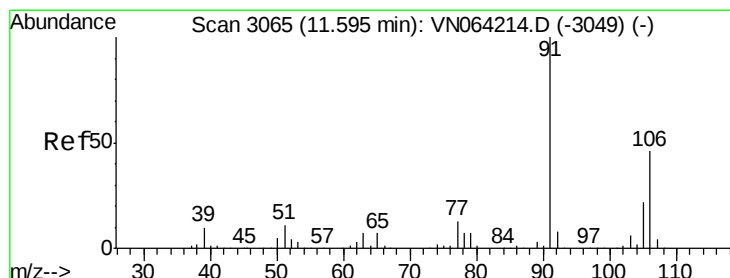
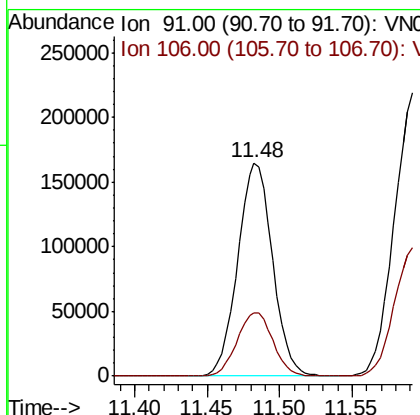
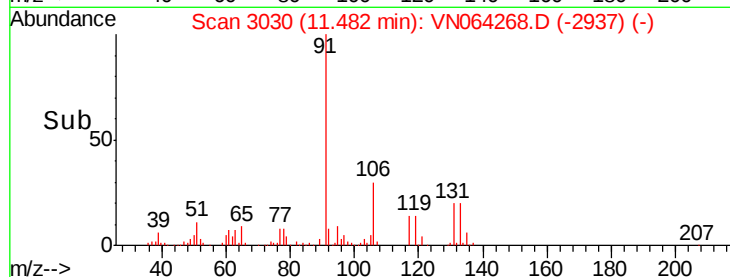
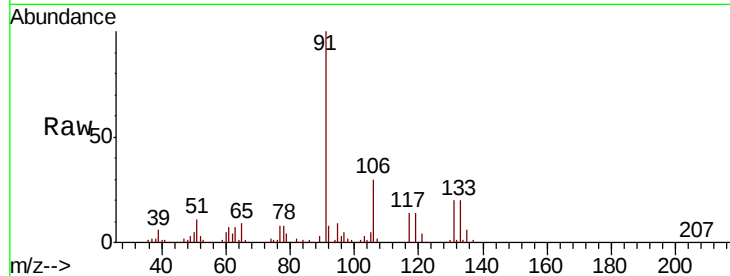




#67
Ethyl Benzene
Concen: 19.062 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

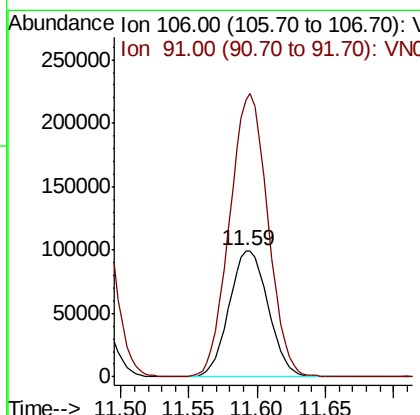
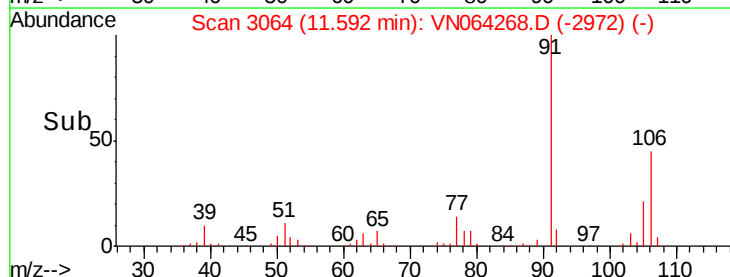
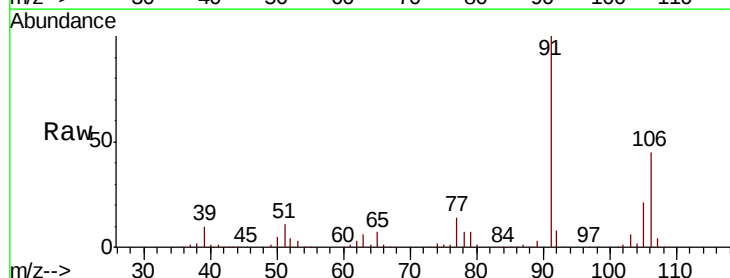
Instrument :
MSVOA_N
ClientSampled :
VN1022WBS02

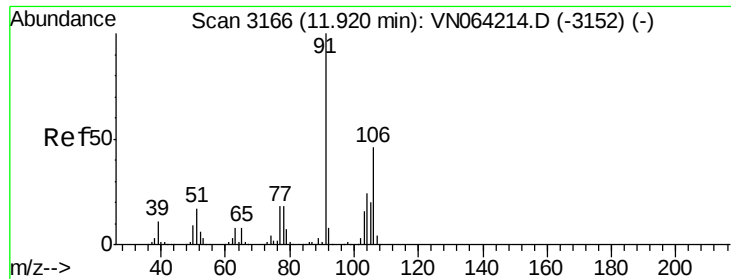
Tot Ion: 91 Resp: 274263
Ion Ratio Lower Upper
91 100
106 29.9 24.8 37.2



#68
m/p-Xylenes
Concen: 37.127 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion: 106 Resp: 197921
Ion Ratio Lower Upper
106 100
91 219.8 172.2 258.2

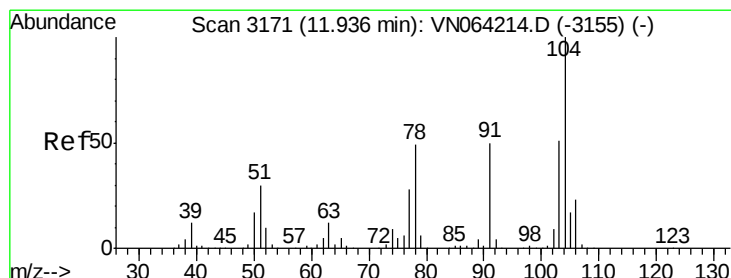
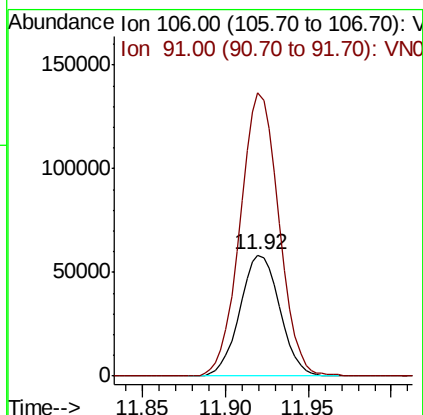
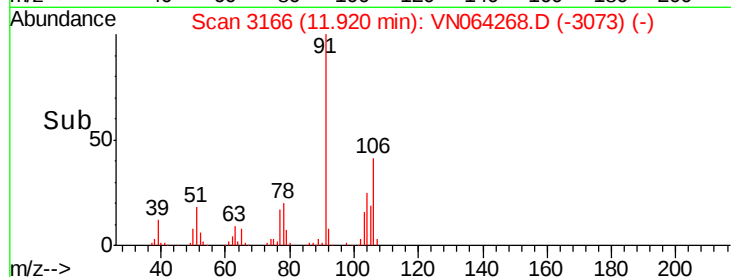
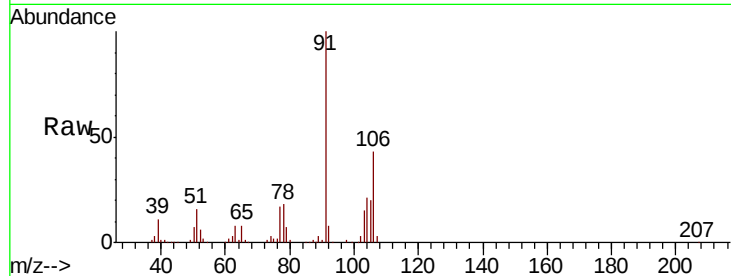




#69
o-Xylene
Concen: 18.990 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

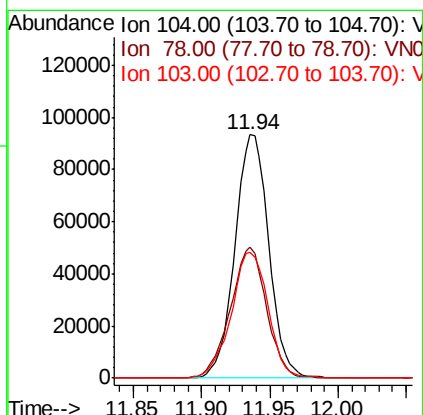
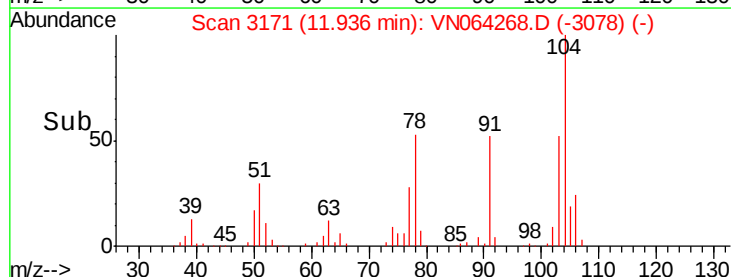
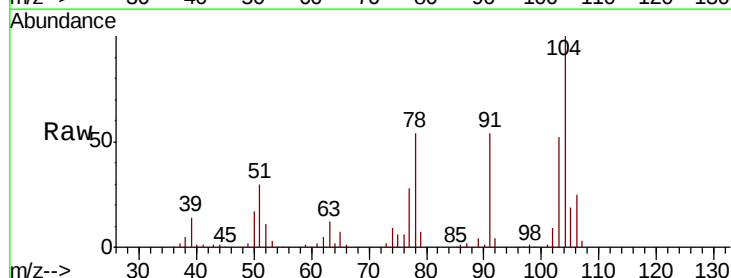
Instrument :
MSVOA_N
ClientSampled :
VN1022WBS02

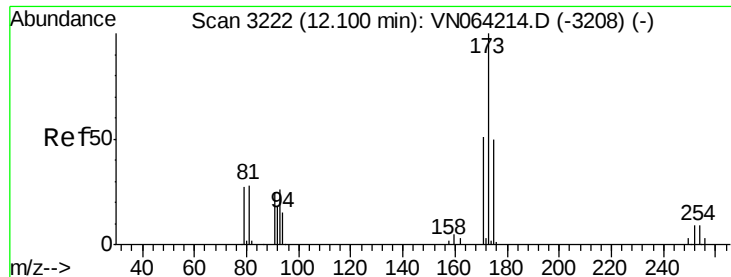
Tot Ion:106 Resp: 97906
Ion Ratio Lower Upper
106 100
91 227.7 109.9 329.6



#70
Styrene
Concen: 18.669 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion:104 Resp: 161340
Ion Ratio Lower Upper
104 100
78 57.3 43.8 65.6
103 56.2 43.4 65.2





#71

Bromoform

Concen: 18.989 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS02

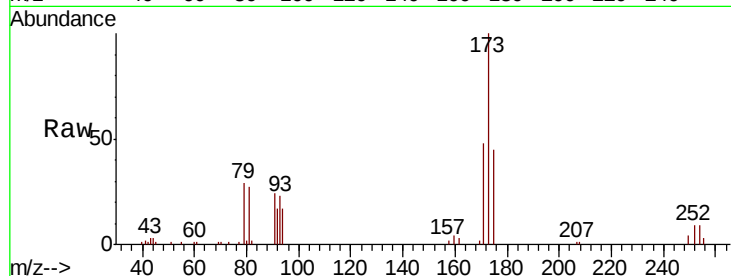
Tot Ion:173 Resp: 45587

Ion Ratio Lower Upper

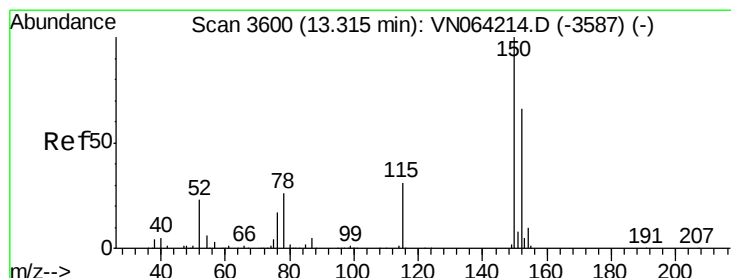
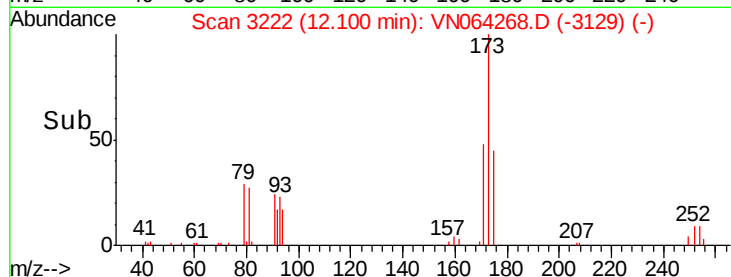
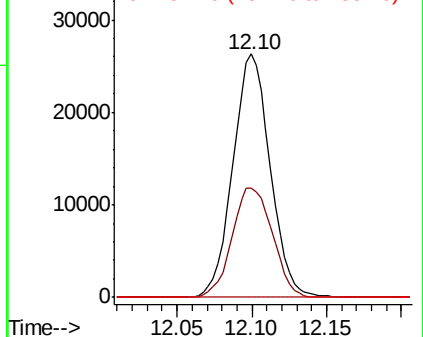
173 100

175 48.5 25.1 75.3

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# 3600

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

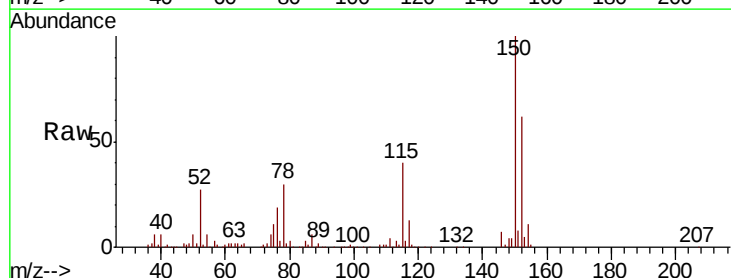
Tgt Ion:152 Resp: 176751

Ion Ratio Lower Upper

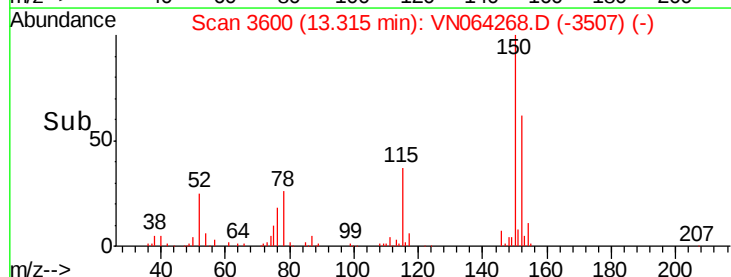
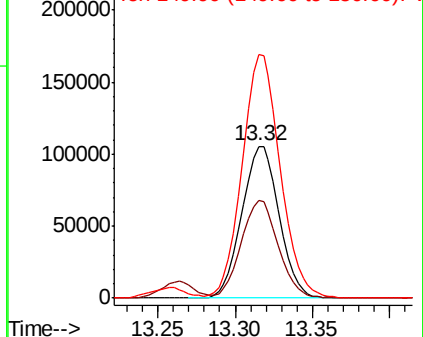
152 100

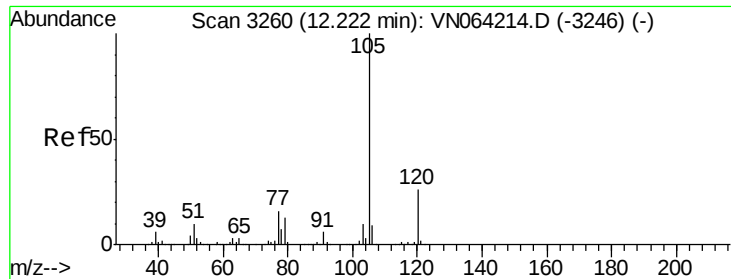
115 64.1 32.0 96.2

150 163.9 0.0 356.6



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: 19.280 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

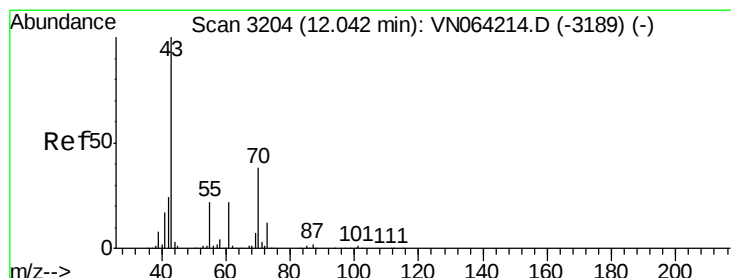
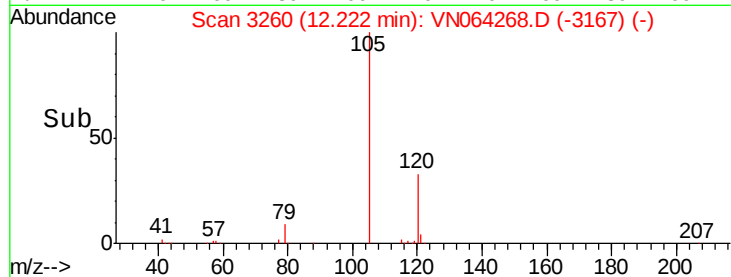
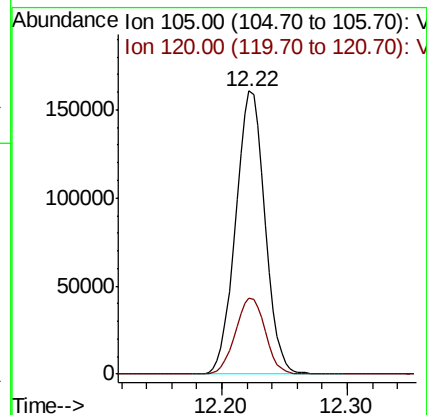
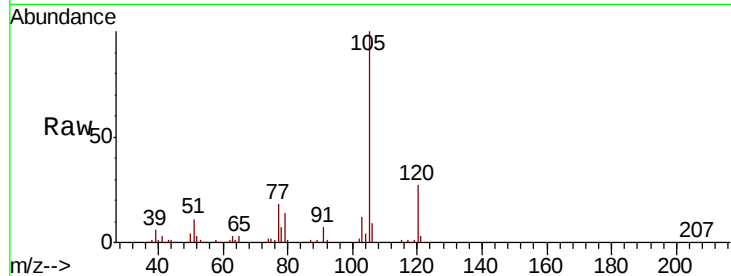
VN1022WBS02

Tot Ion:105 Resp: 259915

Ion Ratio Lower Upper

105 100

120 27.4 12.9 38.7



#74

N-ethyl acetate

Concen: 19.212 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Tgt Ion: 43 Resp: 111913

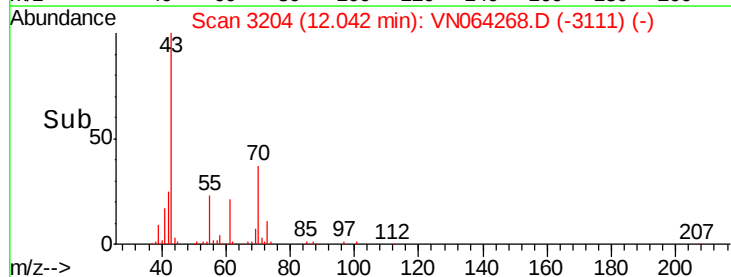
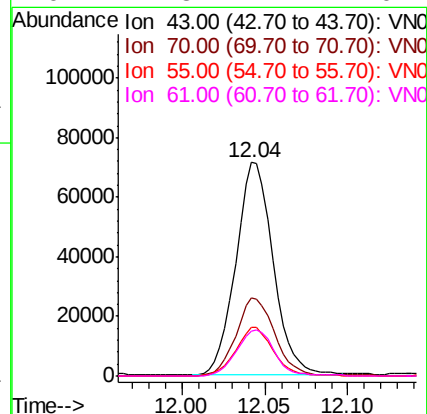
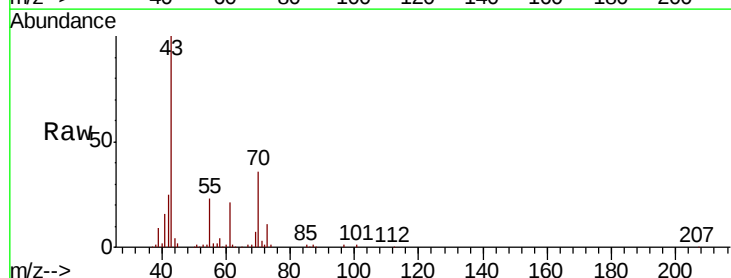
Ion Ratio Lower Upper

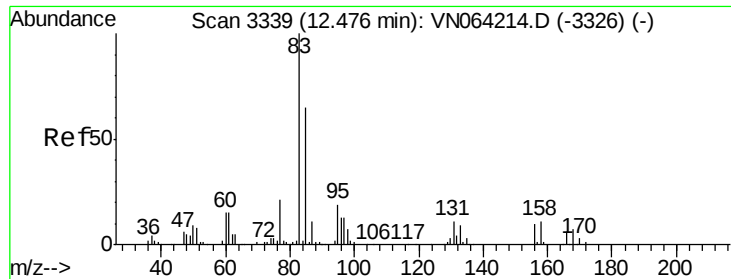
43 100

70 38.1 30.2 45.4

55 23.0 18.0 27.0

61 21.8 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.715 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS02

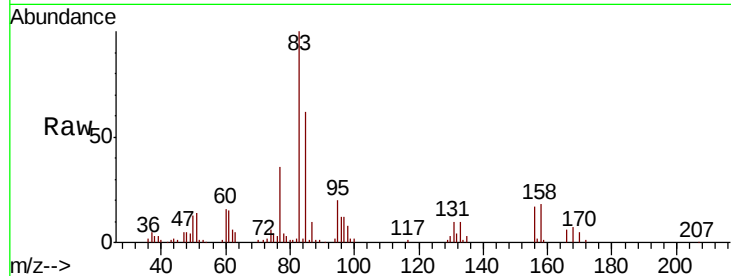
Tot Ion: 83 Resp: 70528

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.7

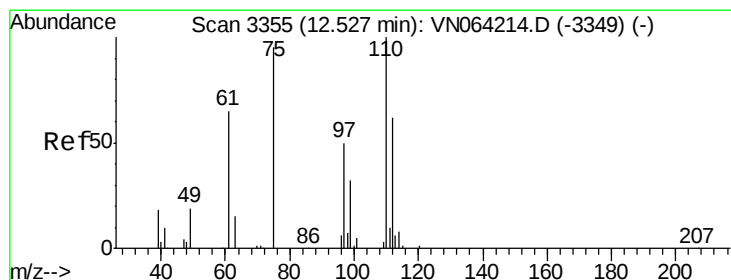
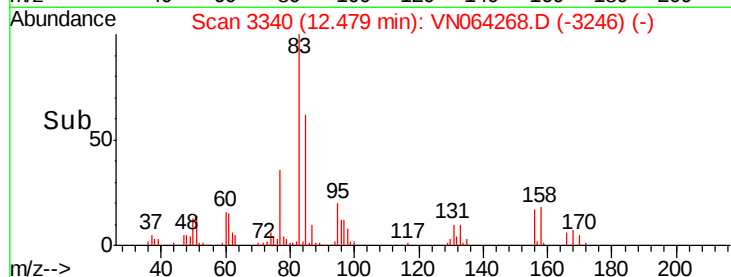
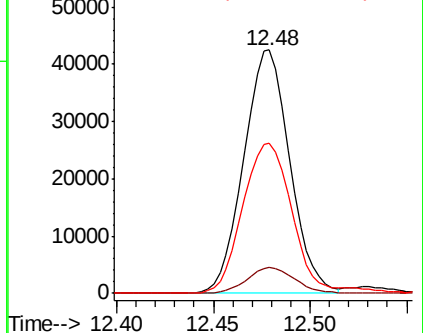
85 66.9 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN064268.D (-3340) (-)

Ion 130.80 (130.50 to 131.50): VN064268.D (-3340) (-)

Ion 84.90 (84.60 to 85.60): VN064268.D (-3340) (-)



#76

1,2,3-Trichloropropane

Concen: 28.816 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN064268.D

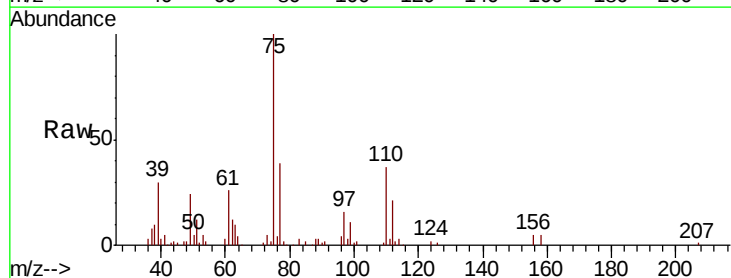
Acq: 22 Oct 2020 22:26

Tgt Ion: 75 Resp: 107373

Ion Ratio Lower Upper

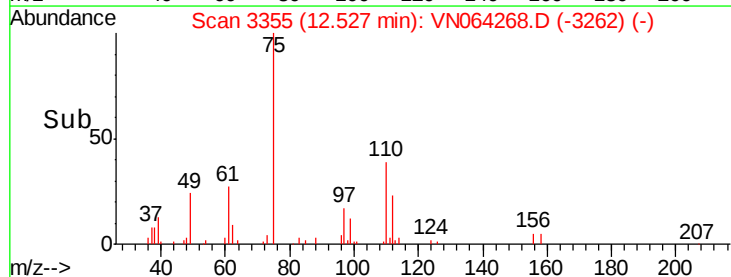
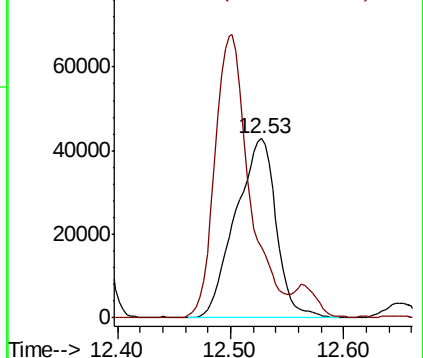
75 100

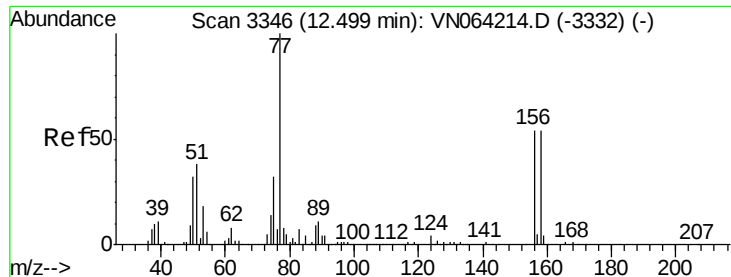
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064268.D (-3355) (-)

Ion 77.00 (76.70 to 77.70): VN064268.D (-3355) (-)





#77

Bromobenzene

Concen: 19.471 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS02

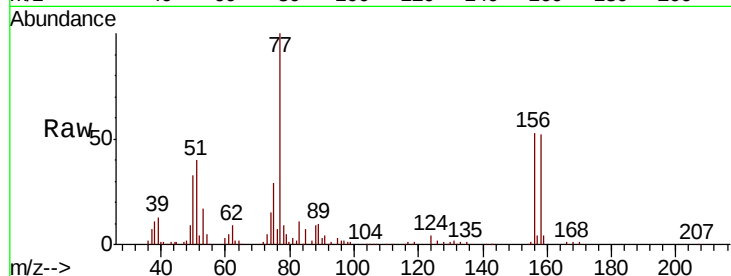
Tot Ion:156 Resp: 61965

Ion Ratio Lower Upper

156 100

77 231.9 111.1 333.4

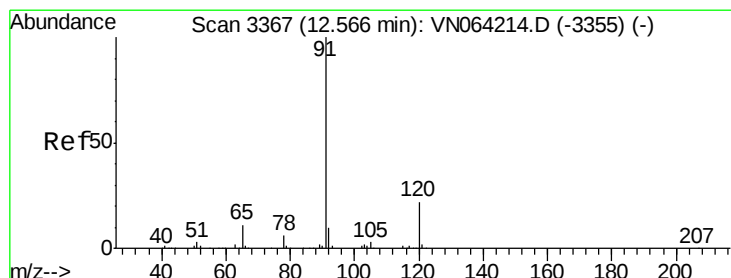
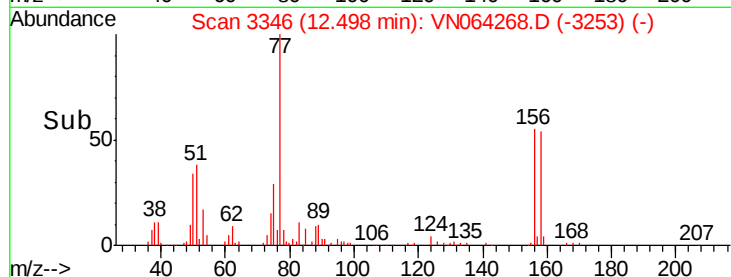
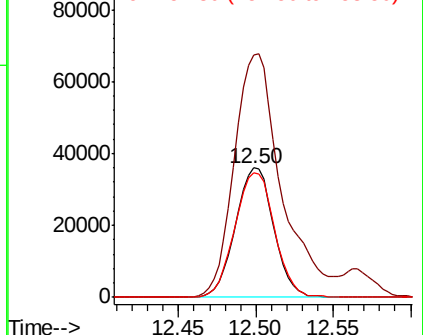
158 100.0 50.0 150.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.421 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN064268.D

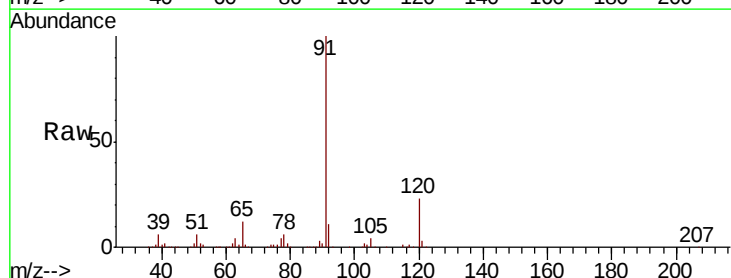
Acq: 22 Oct 2020 22:26

Tgt Ion: 91 Resp: 295184

Ion Ratio Lower Upper

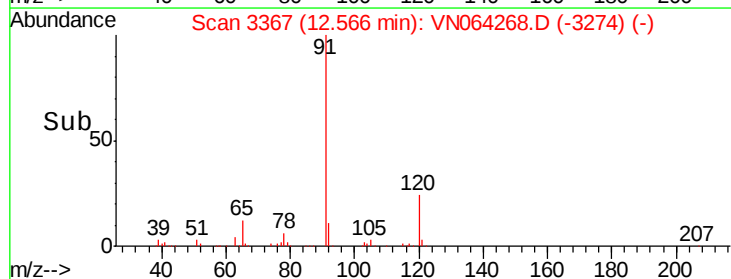
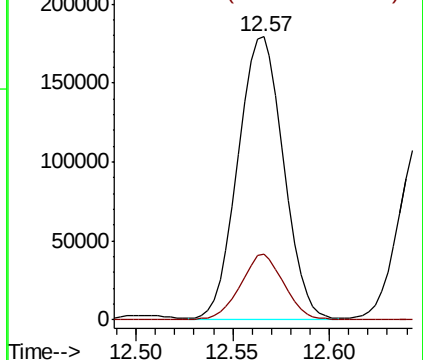
91 100

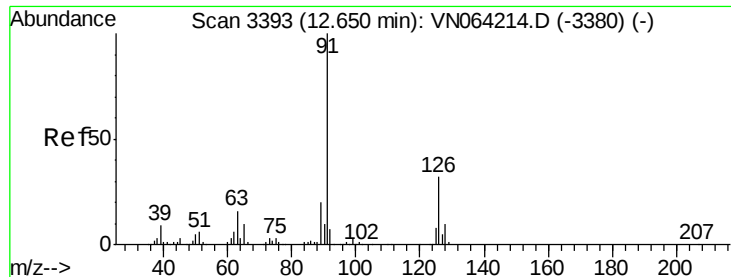
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.156 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

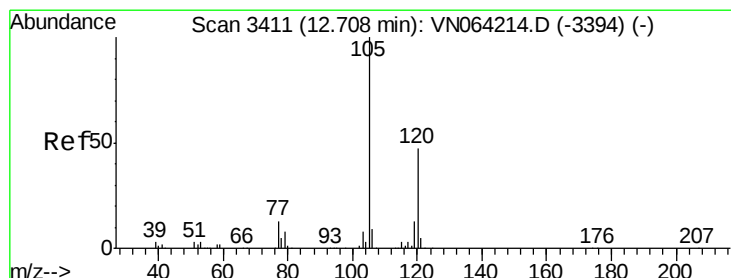
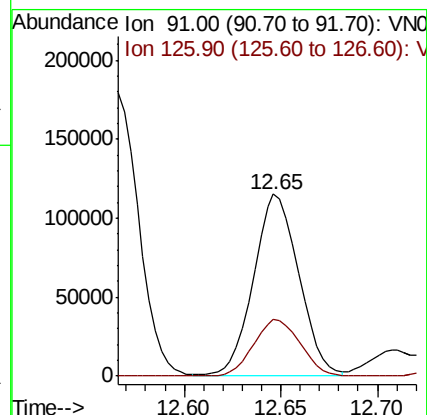
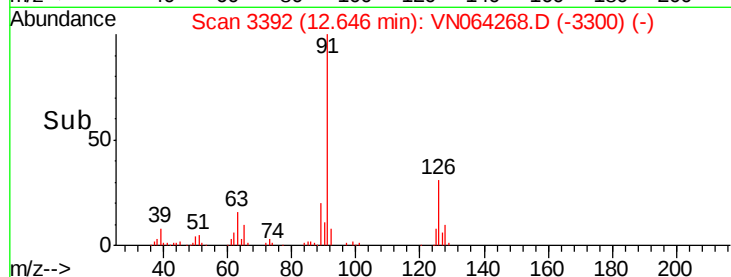
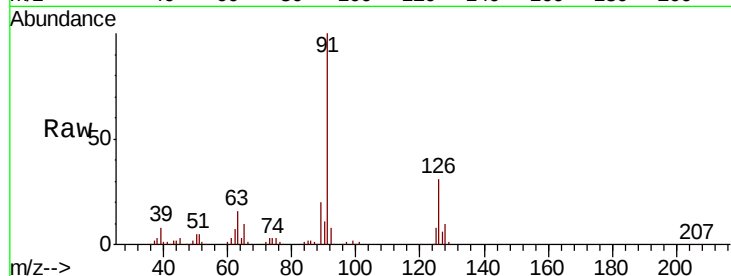
VN1022WBS02

Tot Ion: 91 Resp: 188173

Ion Ratio Lower Upper

91 100

126 31.9 16.0 48.0



#80

1,3,5-Trimethylbenzene

Concen: 19.633 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064268.D

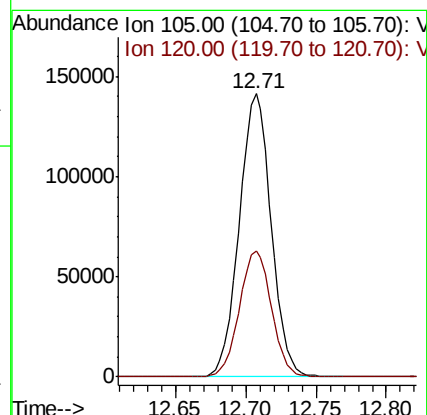
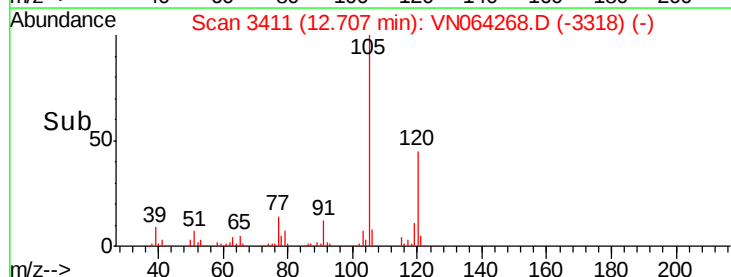
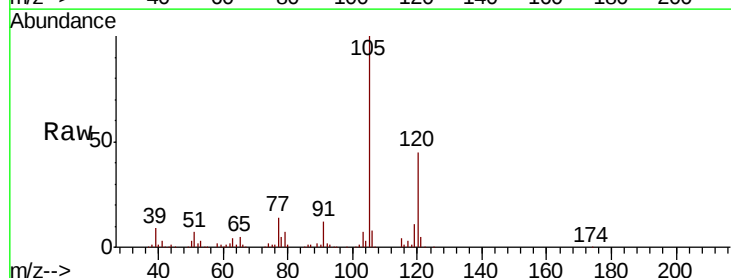
Acq: 22 Oct 2020 22:26

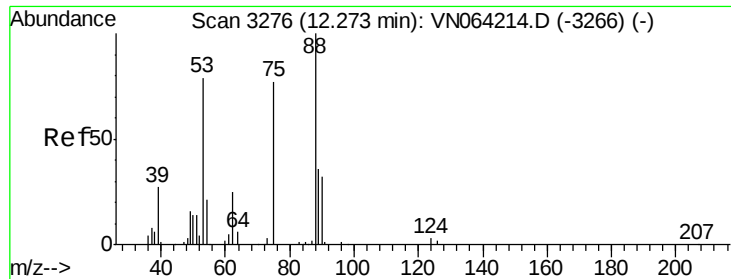
Tgt Ion: 105 Resp: 223747

Ion Ratio Lower Upper

105 100

120 44.8 23.4 70.0

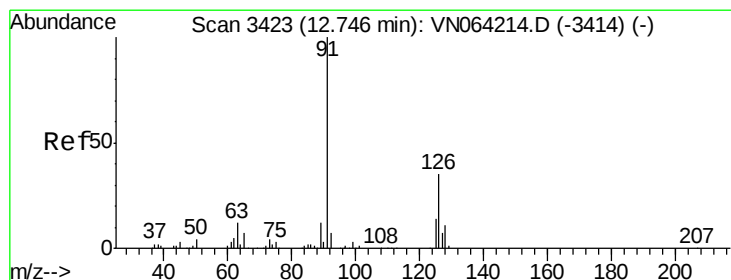
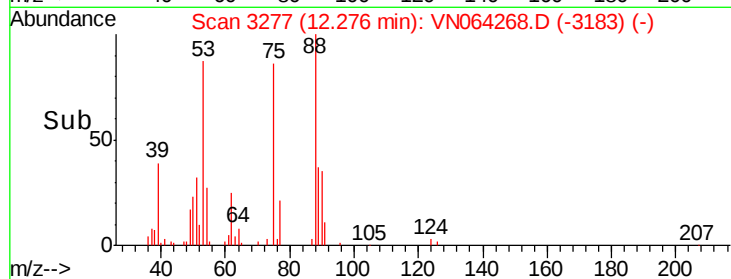
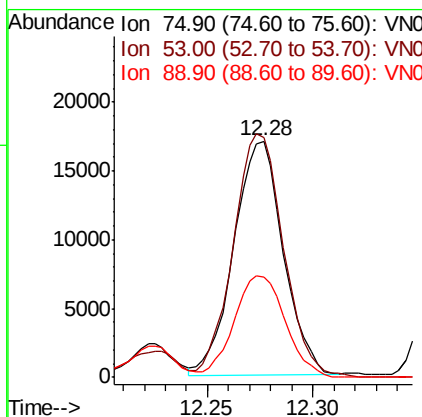
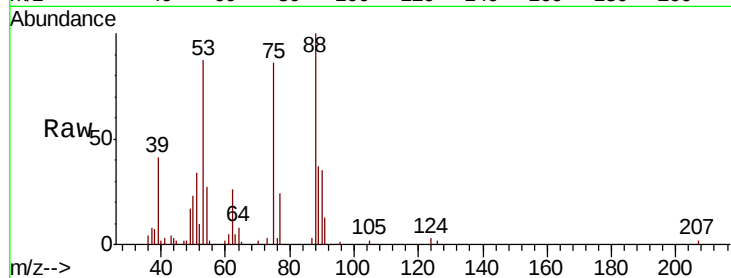




#81
trans-1,4-Dichloro-2-butene
Concen: 18.711 ug/l
RT: 12.28 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

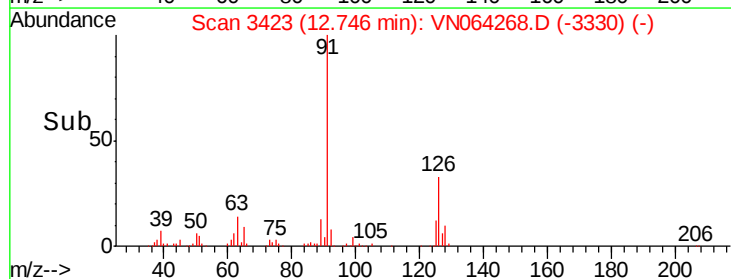
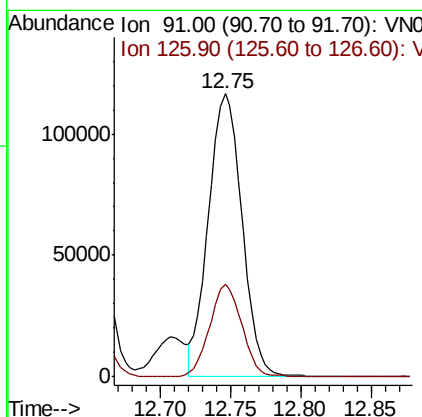
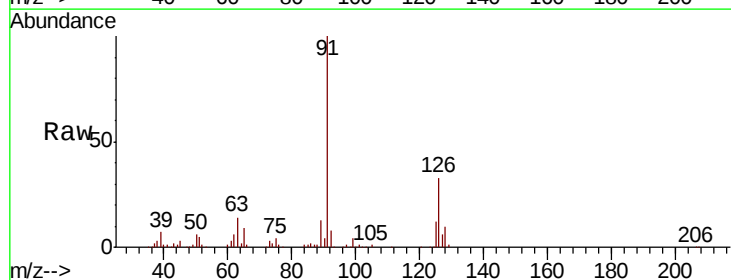
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

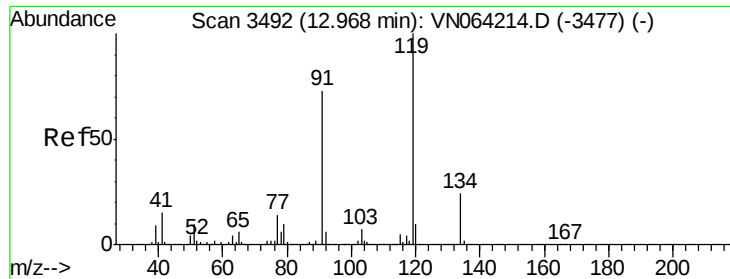
Tot Ion: 75 Resp: 27615
Ion Ratio Lower Upper
75 100
53 106.5 81.0 121.4
89 44.9 38.7 58.1



#82
4-Chlorotoluene
Concen: 19.738 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion: 91 Resp: 192216
Ion Ratio Lower Upper
91 100
126 31.4 15.8 47.3

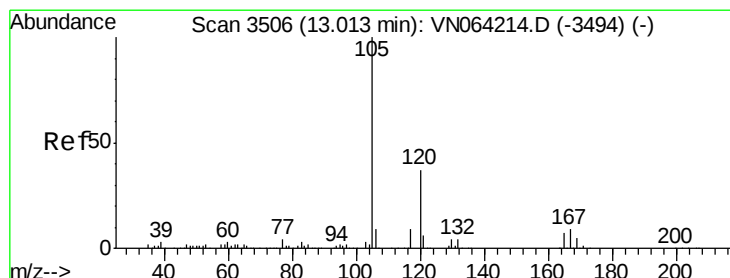
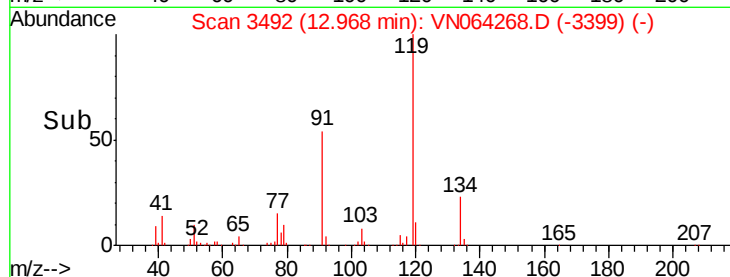
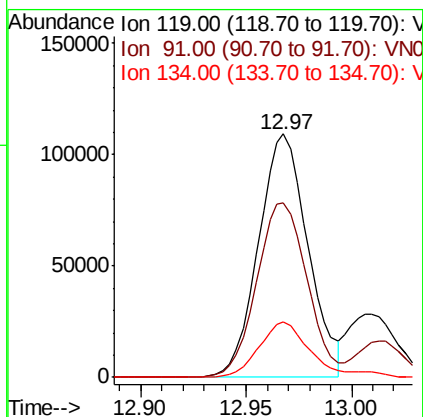
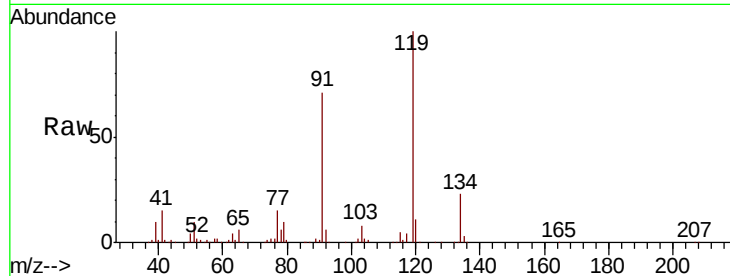




#83
 tert-Butylbenzene
 Concen: 19.145 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

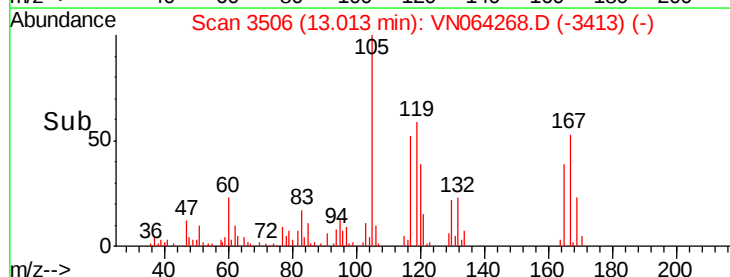
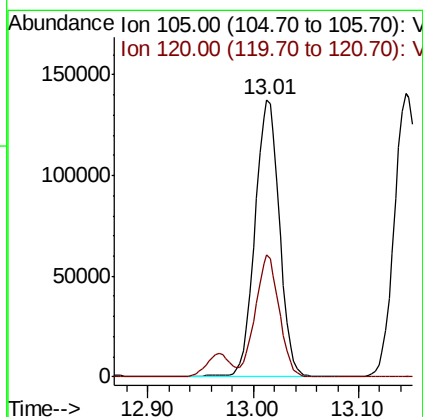
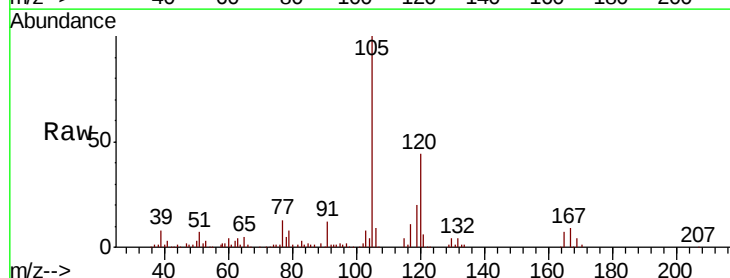
Instrument :
 MSVOA_N
 ClientSampled :
 VN1022WBS02

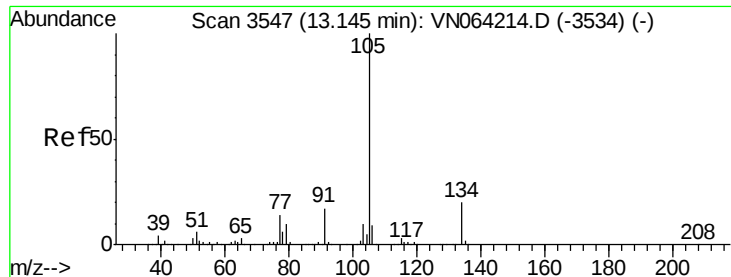
Tot Ion:119 Resp: 178893
 Ion Ratio Lower Upper
 119 100
 91 73.2 35.1 105.3
 134 22.7 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 19.684 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

Tgt Ion:105 Resp: 223278
 Ion Ratio Lower Upper
 105 100
 120 43.1 21.5 64.5

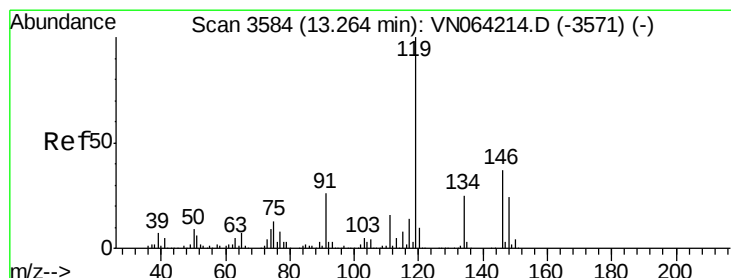
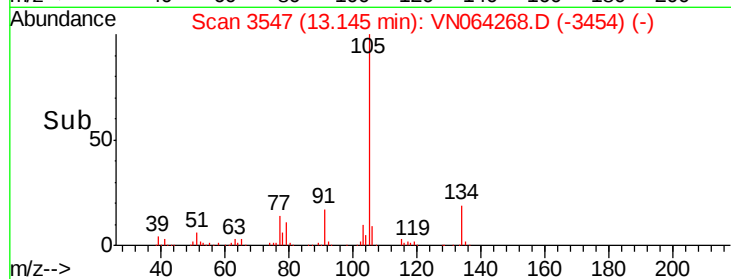
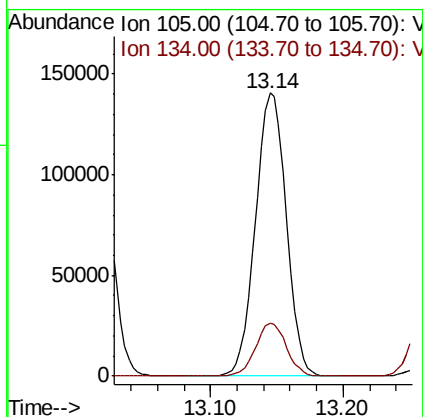
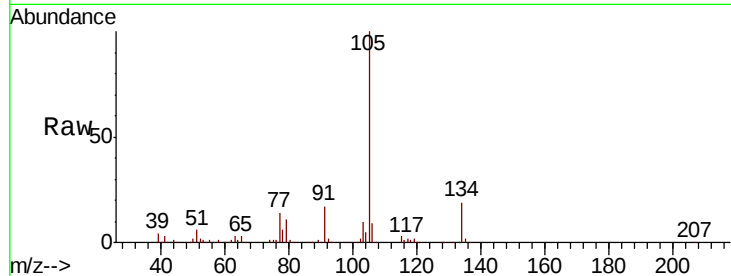




#85
 sec-Butylbenzene
 Concen: 19.351 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

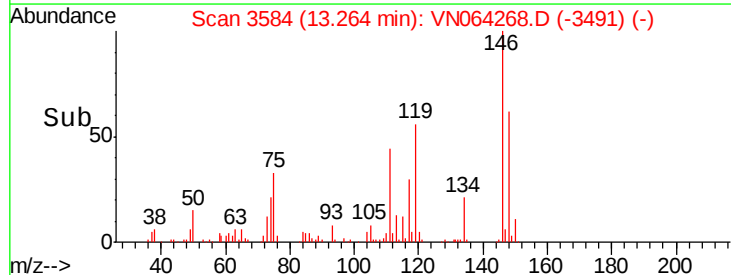
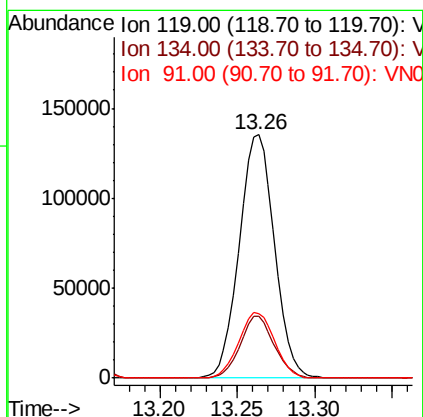
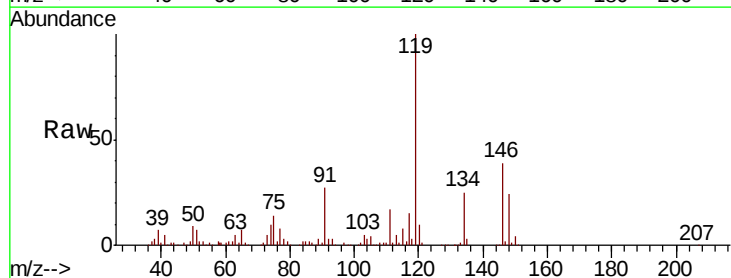
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS02

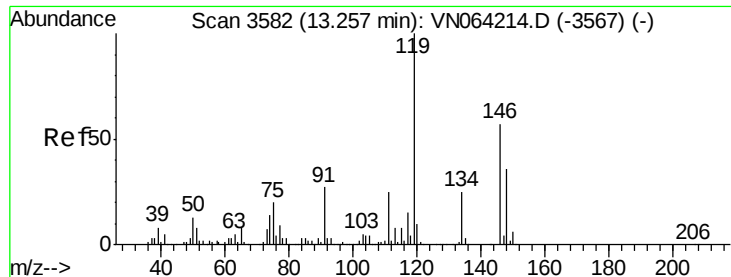
Tot Ion:105 Resp: 227953
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 19.929 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

Tgt Ion:119 Resp: 213774
 Ion Ratio Lower Upper
 119 100
 134 24.8 13.1 39.3
 91 27.4 13.4 40.2

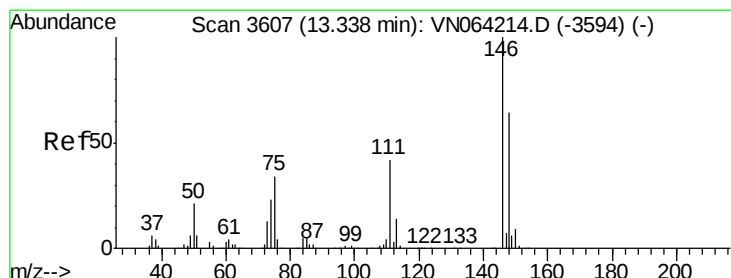
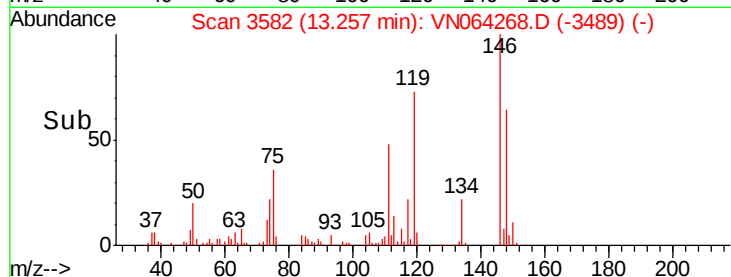
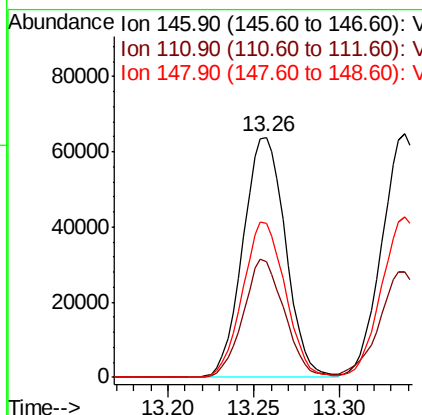
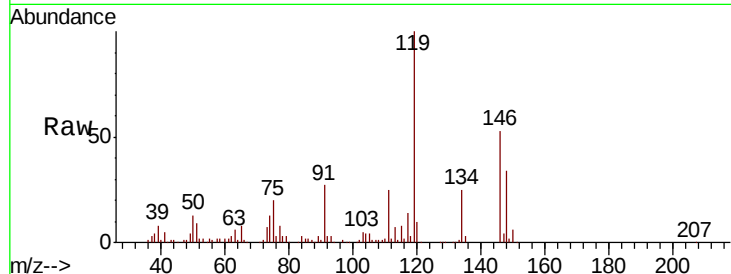




#87
 1,3-Dichlorobenzene
 Concen: 19.379 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

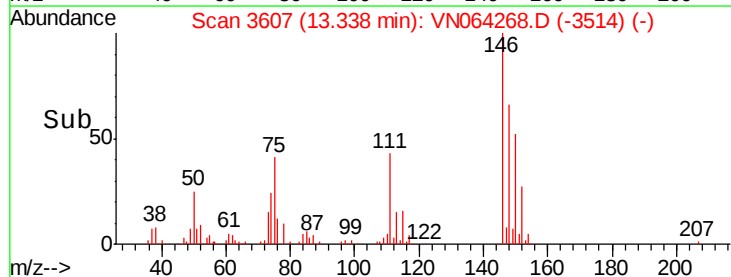
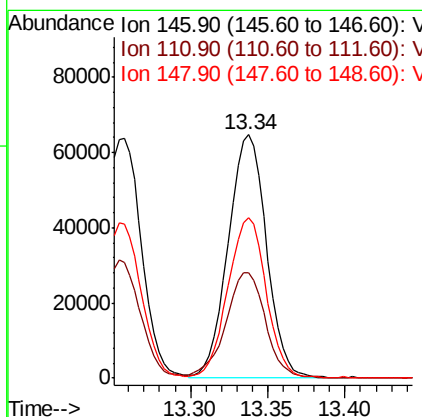
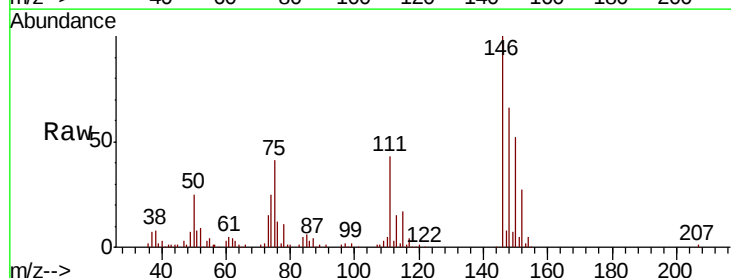
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS02

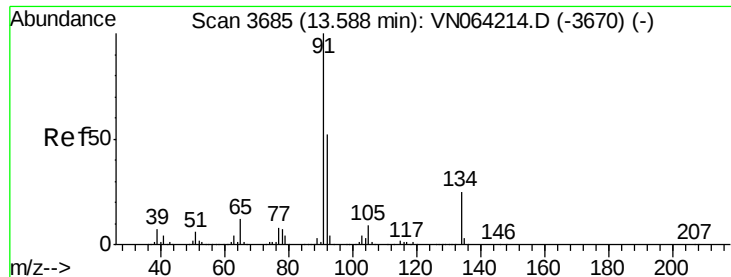
Tot Ion:146 Resp: 109740
 Ion Ratio Lower Upper
 146 100
 111 47.5 21.6 65.0
 148 64.8 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 19.109 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

Tgt Ion:146 Resp: 110760
 Ion Ratio Lower Upper
 146 100
 111 45.1 21.5 64.5
 148 66.3 32.0 96.0

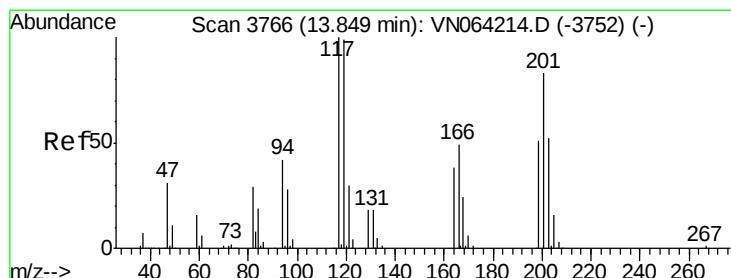
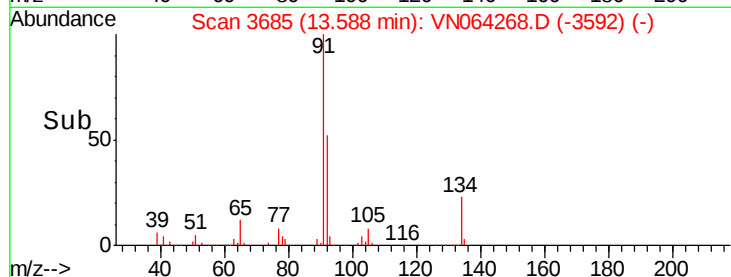
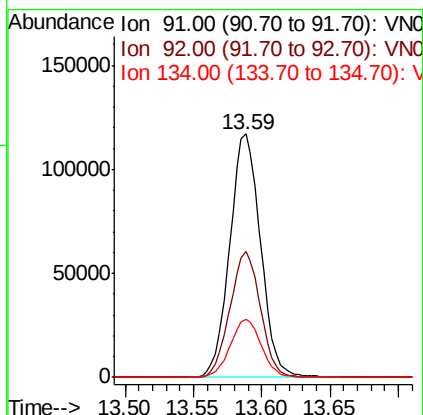
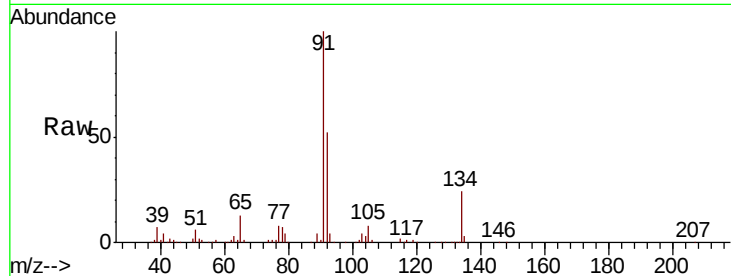




#89
n-Butylbenzene
Concen: 19.126 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

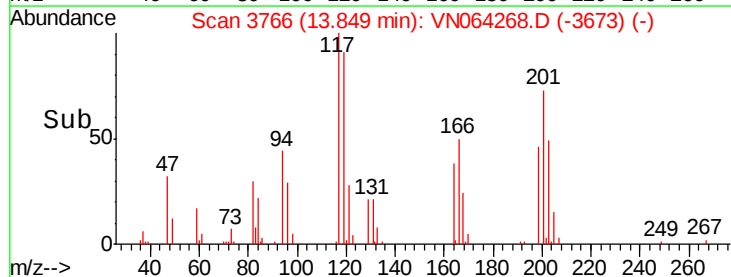
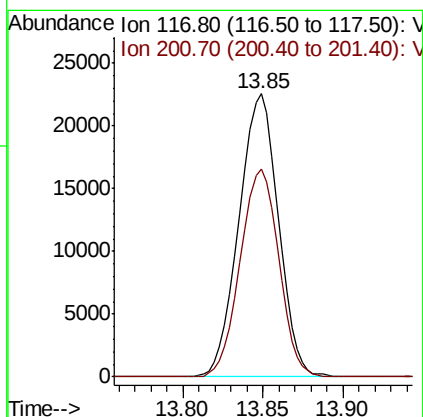
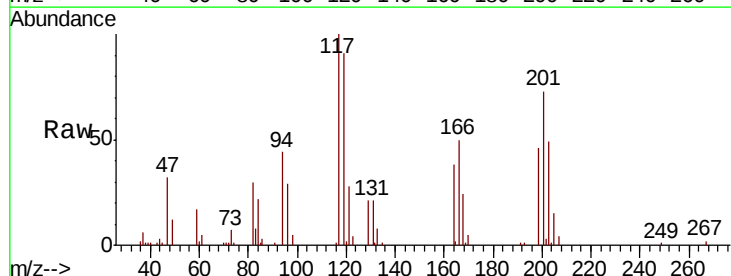
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBS02

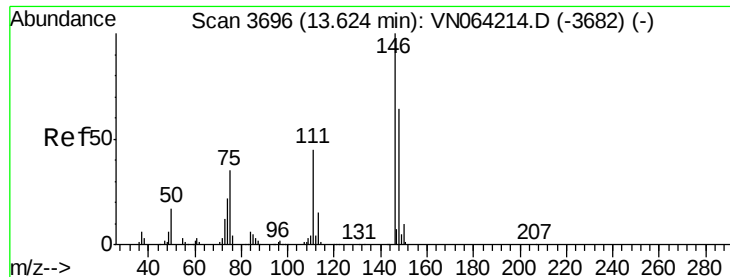
Tot Ion: 91 Resp: 183909
Ion Ratio Lower Upper
91 100
92 50.9 25.7 77.0
134 24.1 12.3 36.8



#90
Hexachloroethane
Concen: 19.521 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN064268.D
Acq: 22 Oct 2020 22:26

Tgt Ion: 117 Resp: 37924
Ion Ratio Lower Upper
117 100
201 71.9 40.1 120.3

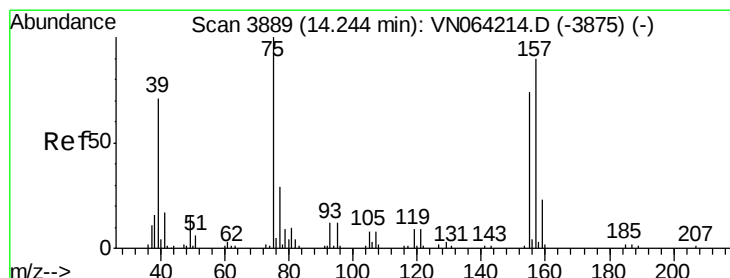
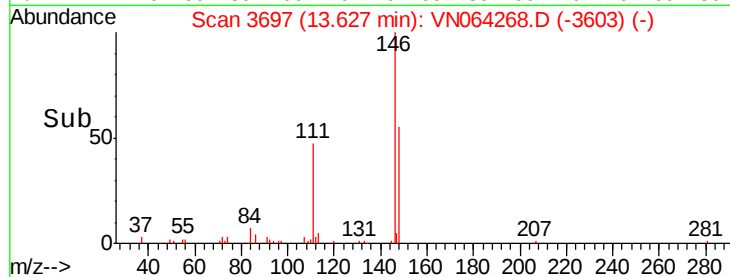
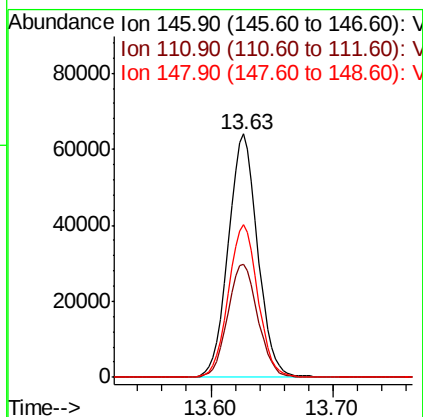
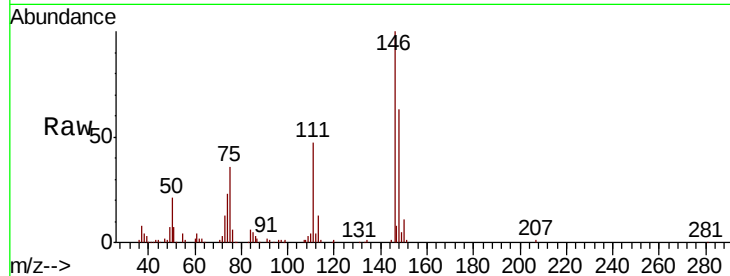




#91
 1,2-Dichlorobenzene
 Concen: 19.384 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

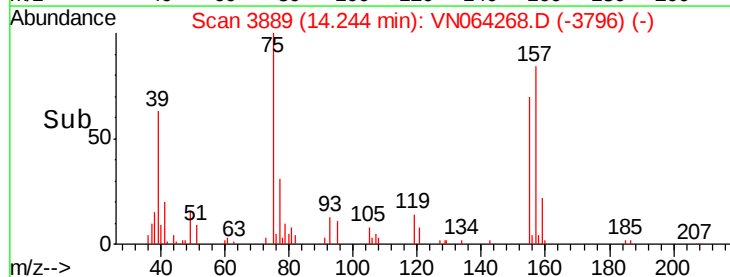
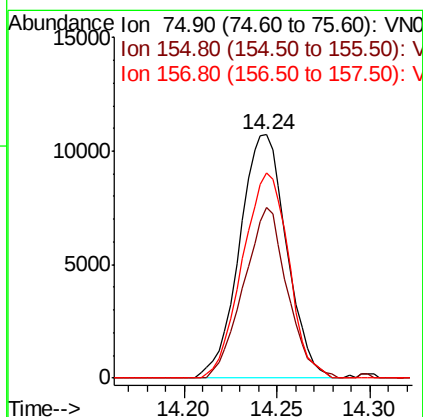
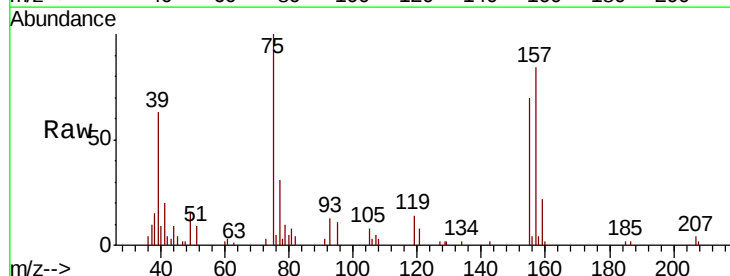
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS02

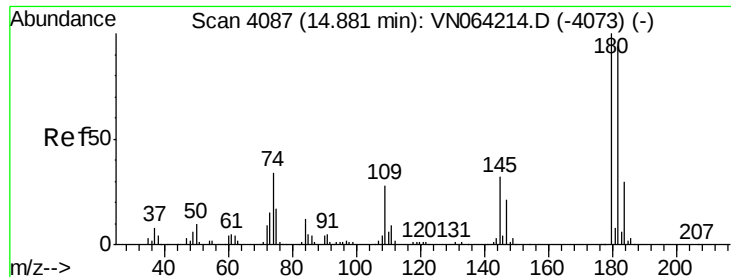
Tot Ion:146 Resp: 107683
 Ion Ratio Lower Upper
 146 100
 111 47.7 22.9 68.7
 148 62.9 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.156 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

Tgt Ion: 75 Resp: 18881
 Ion Ratio Lower Upper
 75 100
 155 65.0 36.9 110.7
 157 83.0 44.6 133.8

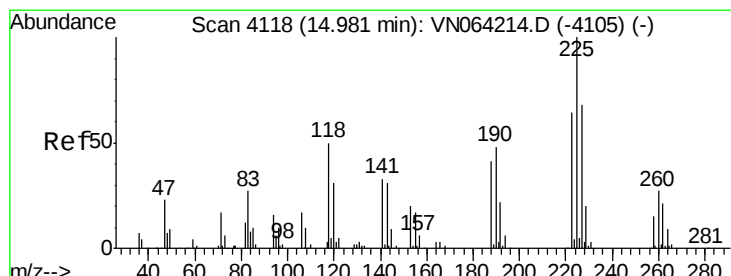
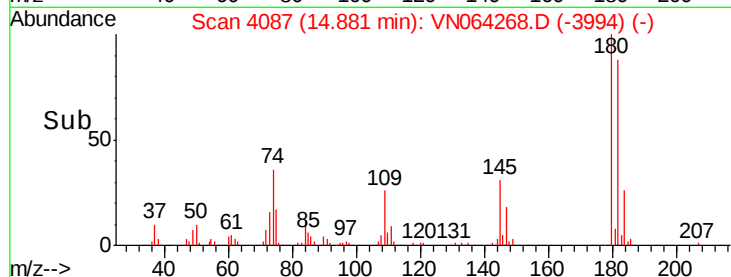
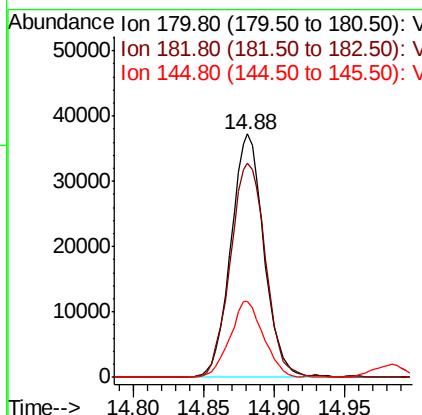
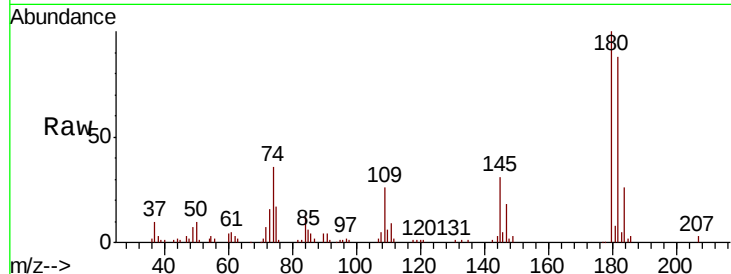




#93
 1,2,4-Trichlorobenzene
 Concen: 19.607 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

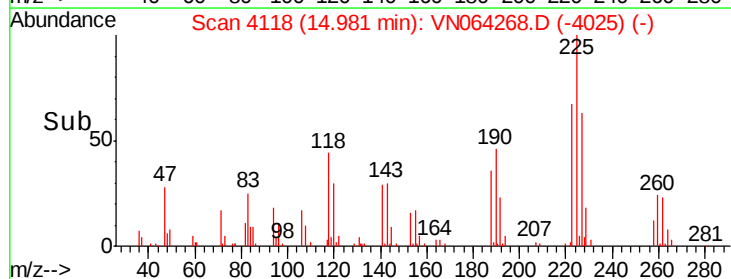
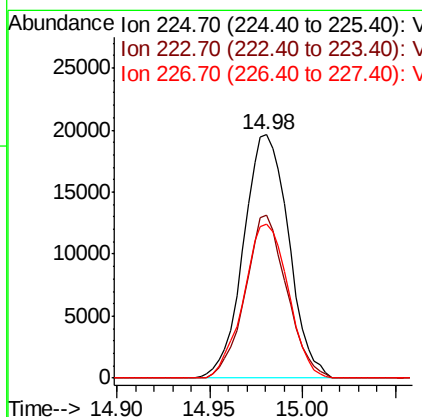
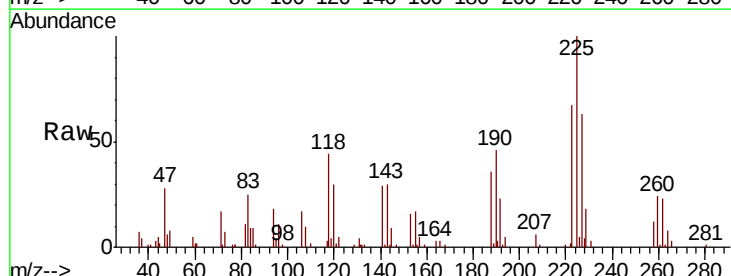
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBS02

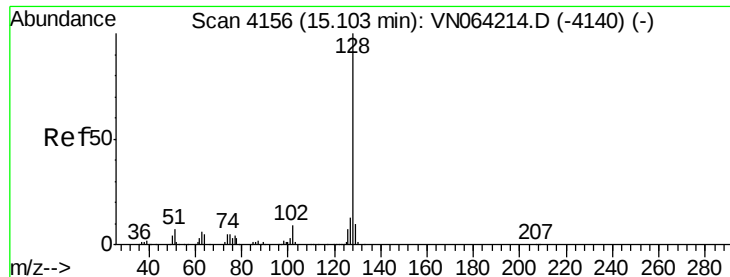
Tot Ion:180 Resp: 61093
 Ion Ratio Lower Upper
 180 100
 182 93.5 46.9 140.7
 145 31.6 16.1 48.3



#94
 Hexachlorobutadiene
 Concen: 19.706 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064268.D
 Acq: 22 Oct 2020 22:26

Tgt Ion:225 Resp: 33117
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.5 94.5
 227 62.2 32.1 96.5





#95

Naphthalene

Concen: 19.234 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBS02

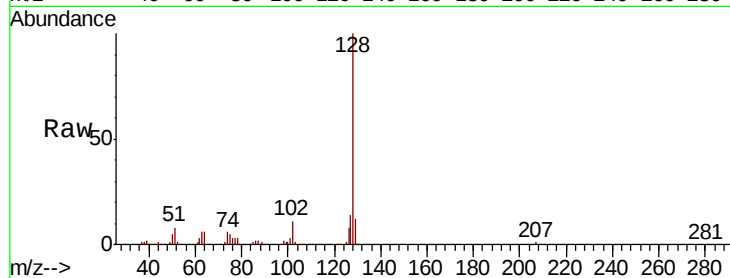
Tot Ion:128 Resp: 179472

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

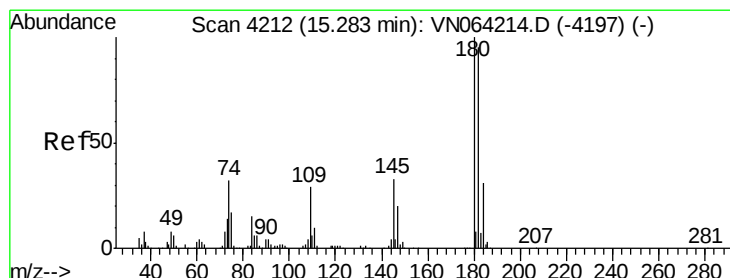
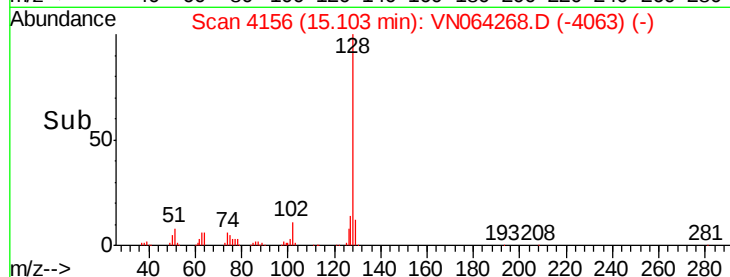
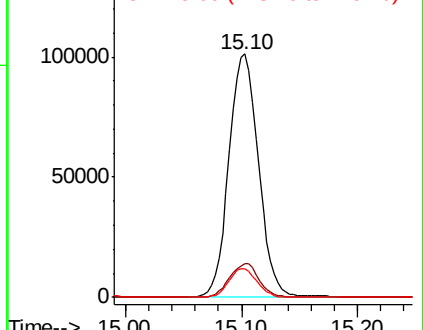
129 11.2 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.027 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN064268.D

Acq: 22 Oct 2020 22:26

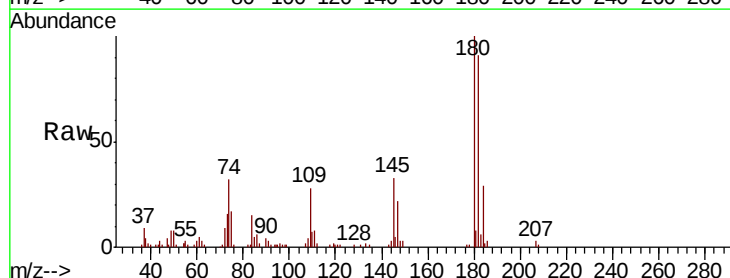
Tgt Ion:180 Resp: 58716

Ion Ratio Lower Upper

180 100

182 93.9 48.0 144.2

145 34.4 17.1 51.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

