

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101420\
 Data File : VN064120.D
 Acq On : 14 Oct 2020 18:32
 Operator : JC/MD
 Sample : VN1014WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1014WBS01

Quant Time: Oct 15 05:57:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	355210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	609062	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	570919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	254383	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	243357	48.10	ug/l	0.00
Spiked Amount			Recovery	=	96.20%	
35) Dibromofluoromethane	7.55	113	198391	47.06	ug/l	0.00
Spiked Amount			Recovery	=	94.12%	
50) Toluene-d8	10.06	98	749463	47.12	ug/l	0.00
Spiked Amount			Recovery	=	94.24%	
62) 4-Bromofluorobenzene	12.38	95	249324	45.60	ug/l	0.00
Spiked Amount			Recovery	=	91.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	63332	18.924	ug/l	98
3) Chloromethane	2.04	50	77619	18.621	ug/l	100
4) Vinyl Chloride	2.16	62	92439	17.816	ug/l	99
5) Bromomethane	2.53	94	76164	19.560	ug/l	98
6) Chloroethane	2.68	64	70057	16.983	ug/l	99
7) Trichlorofluoromethane	2.98	101	126265	17.693	ug/l	99
8) Diethyl Ether	3.37	74	39505	17.694	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	65180	18.605	ug/l	98
10) Methyl Iodide	3.92	142	82062	16.615	ug/l	99
11) Tert butyl alcohol	4.73	59	51816	92.505	ug/l #	84
12) 1,1-Dichloroethene	3.70	96	63610	17.980	ug/l	92
13) Acrolein	3.57	56	37783	82.122	ug/l	100
14) Allyl chloride	4.28	41	99635	18.050	ug/l	98
15) Acrylonitrile	4.93	53	139090	86.482	ug/l	98
16) Acetone	3.78	43	142640	95.058	ug/l	99
17) Carbon Disulfide	4.02	76	182353	18.033	ug/l	100
18) Methyl Acetate	4.28	43	66570	17.685	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	192268	18.425	ug/l	97
20) Methylene Chloride	4.50	84	82538	17.776	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	72328	18.032	ug/l	98
22) Diisopropyl ether	5.90	45	203413	18.969	ug/l	94
23) Vinyl Acetate	5.85	43	886648	92.564	ug/l	99
24) 1,1-Dichloroethane	5.80	63	134950	18.021	ug/l	97
25) 2-Butanone	6.79	43	206611	89.518	ug/l	99
26) 2,2-Dichloropropane	6.78	77	117760	18.901	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	82971	17.584	ug/l	97
28) Bromochloromethane	7.15	49	64737	18.150	ug/l #	99
29) Tetrahydrofuran	7.17	42	119647	88.700	ug/l	100
30) Chloroform	7.33	83	146500	18.364	ug/l	98
31) Cyclohexane	7.61	56	99408	17.775	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	126281	18.318	ug/l	99
36) 1,1-Dichloropropene	7.75	75	99351	16.924	ug/l	99
37) Ethyl Acetate	6.88	43	81586	15.660	ug/l #	96
38) Carbon Tetrachloride	7.73	117	111134	17.605	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	88545	17.941	ug/l	96
40) Benzene	8.00	78	315960	17.773	ug/l	96
41) Methacrylonitrile	7.13	41	42527	18.854	ug/l	95
42) 1,2-Dichloroethane	8.09	62	113670	17.970	ug/l	99
43) Isopropyl Acetate	8.13	43	150170	17.370	ug/l	99
44) Trichloroethene	8.80	130	84106	17.992	ug/l	96
45) 1,2-Dichloropropane	9.08	63	85285	18.310	ug/l	98
46) Dibromomethane	9.17	93	57670	17.452	ug/l	99
47) Bromodichloromethane	9.37	83	116261	17.982	ug/l	99
48) Methyl methacrylate	9.17	41	70107	17.555	ug/l	98
49) 1,4-Dioxane	9.17	88	20107	331.576	ug/l	92
51) 4-Methyl-2-Pentanone	9.95	43	457003	89.331	ug/l	100
52) Toluene	10.13	92	199175	18.234	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	116832	17.612	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	132861	18.228	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	78818	17.417	ug/l	97
56) Ethyl methacrylate	10.40	69	103154	17.308	ug/l	97
57) 1,3-Dichloropropane	10.68	76	132829	17.823	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	262210	87.008	ug/l	99
59) 2-Hexanone	10.72	43	325152	86.816	ug/l	98
60) Dibromochloromethane	10.87	129	88728	17.455	ug/l	99
61) 1,2-Dibromoethane	10.98	107	83102	18.042	ug/l	99
64) Tetrachloroethene	10.60	164	76778	17.837	ug/l	97
65) Chlorobenzene	11.41	112	212883	17.707	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	83993	18.401	ug/l	97
67) Ethyl Benzene	11.49	91	366606	18.203	ug/l	99
68) m/p-Xylenes	11.59	106	278342	34.982	ug/l	98
69) o-Xylene	11.92	106	131839	17.652	ug/l	98
70) Styrene	11.94	104	217277	17.251	ug/l	99
71) Bromoform	12.10	173	59131	17.170	ug/l #	98
73) Isopropylbenzene	12.22	105	341685	18.543	ug/l	99
74) N-amyl acetate	12.05	43	117349	17.006	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	110020	17.342	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	140572	23.554	ug/l #	100
77) Bromobenzene	12.50	156	91884	18.368	ug/l	99
78) n-propylbenzene	12.57	91	385415	18.740	ug/l	100
79) 2-Chlorotoluene	12.65	91	235973	18.041	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	279425	18.893	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	32588	16.683	ug/l	95
82) 4-Chlorotoluene	12.75	91	244275	18.530	ug/l	98
83) tert-Butylbenzene	12.97	119	229869	18.793	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	274629	17.934	ug/l	100
85) sec-Butylbenzene	13.14	105	298059	18.955	ug/l	100
86) p-Isopropyltoluene	13.26	119	262117	18.053	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	153519	18.419	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	153008	17.949	ug/l	97
89) n-Butylbenzene	13.59	91	206513	18.024	ug/l	100
90) Hexachloroethane	13.85	117	46242	17.671	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	153070	18.452	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	20447	16.746	ug/l	98

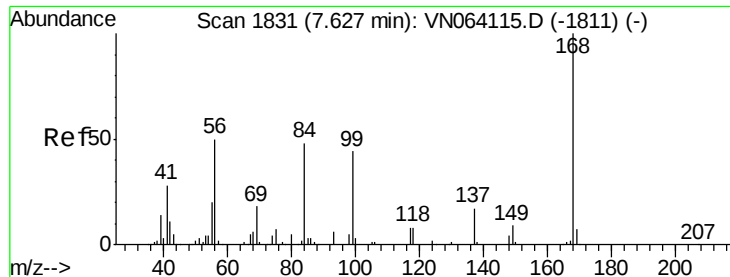
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	61868	17.402	ug/l	97
94) Hexachlorobutadiene	14.98	225	36188	18.312	ug/l	99
95) Naphthalene	15.10	128	181386	17.259	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	63278	17.520	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

Instrument :

MSVOA_N

ClientSampleId :

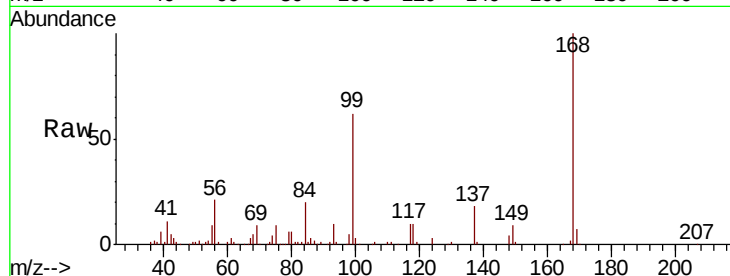
VN1014WBS01

Tot Ion:168 Resp: 355210

Ion Ratio Lower Upper

168 100

99 61.1 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

150000

100000

50000

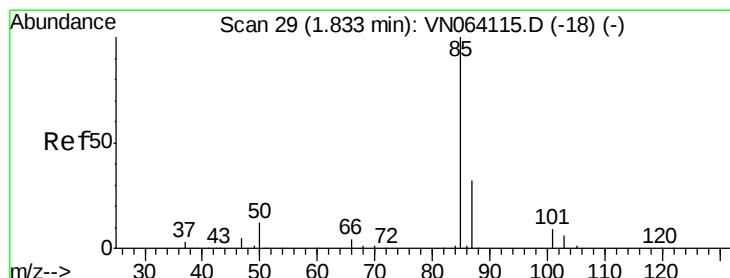
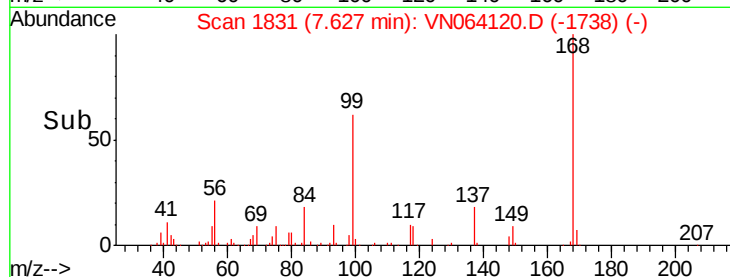
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.924 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064120.D

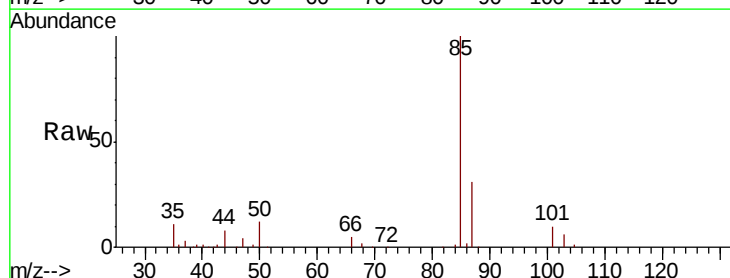
Acq: 14 Oct 2020 18:32

Tgt Ion: 85 Resp: 63332

Ion Ratio Lower Upper

85 100

87 31.2 16.1 48.3



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

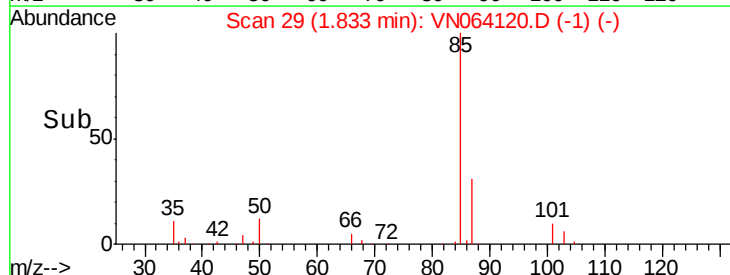
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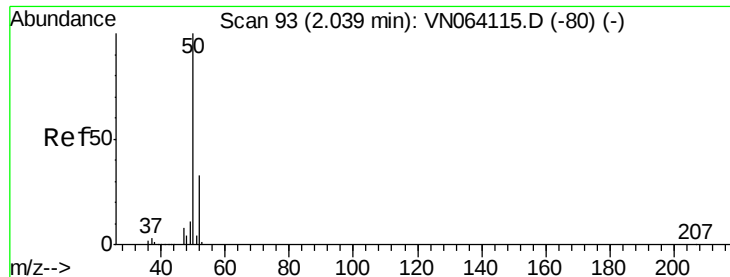
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 18.621 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

Instrument :

MSVOA_N

ClientSampleId :

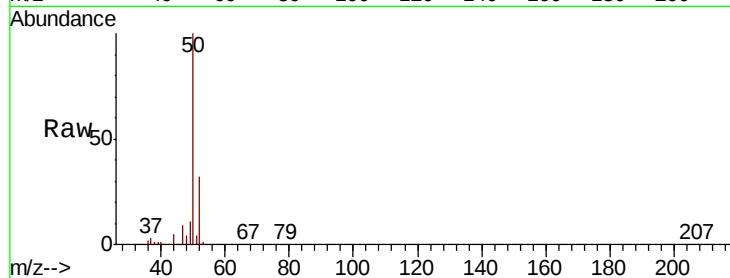
VN1014WBS01

Tot Ion: 50 Resp: 77619

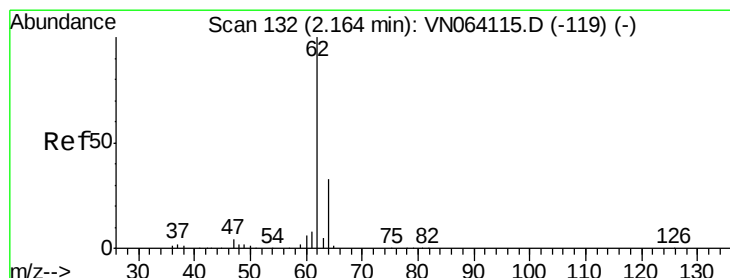
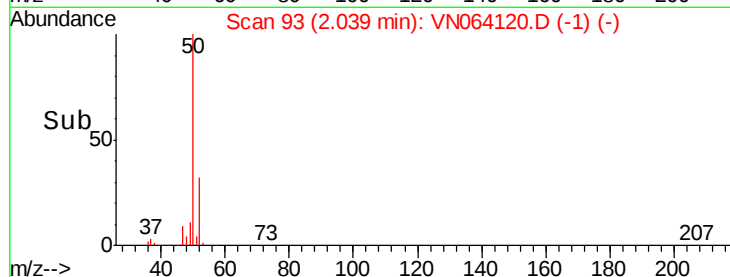
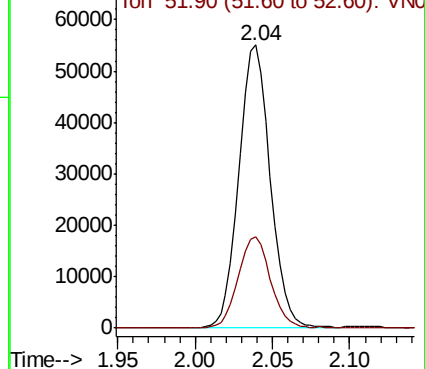
Ion Ratio Lower Upper

50 100

52 32.5 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VN064120.D (-1) (-)



#4

Vinyl Chloride

Concen: 17.816 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064120.D

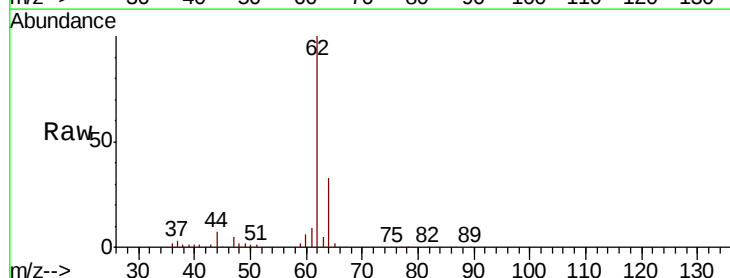
Acq: 14 Oct 2020 18:32

Tgt Ion: 62 Resp: 92439

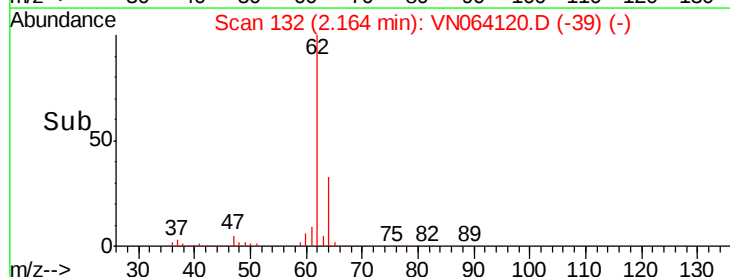
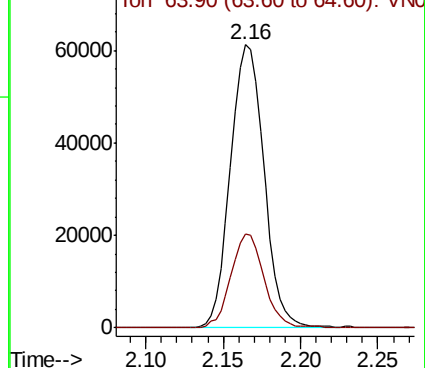
Ion Ratio Lower Upper

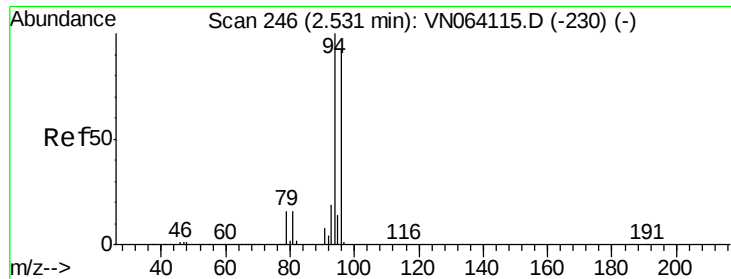
62 100

64 33.1 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VN064120.D (-39) (-)





#5

Bromomethane

Concen: 19.560 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

Instrument :

MSVOA_N

ClientSampleId :

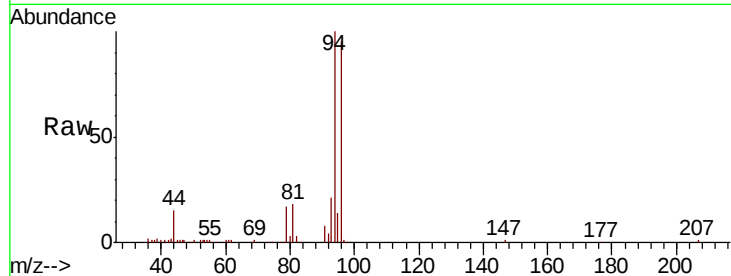
VN1014WBS01

Tot Ion: 94 Resp: 76164

Ion Ratio Lower Upper

94 100

96 94.0 73.5 110.3



Abundance Ion 93.90 (93.60 to 94.60): VN064120.D (-152) (-)

Ion 95.90 (95.60 to 96.60): VN064120.D (-152) (-)

2.53

40000

30000

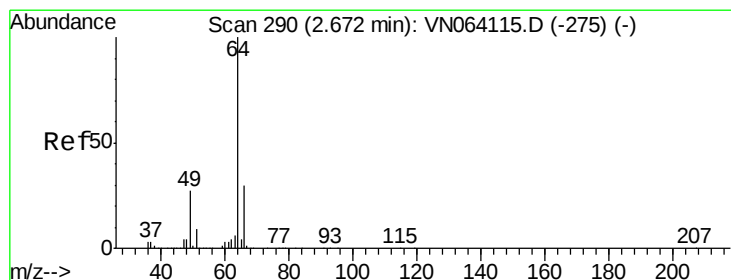
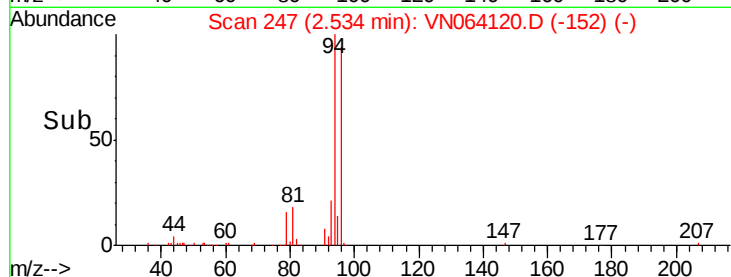
20000

10000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 16.983 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064120.D

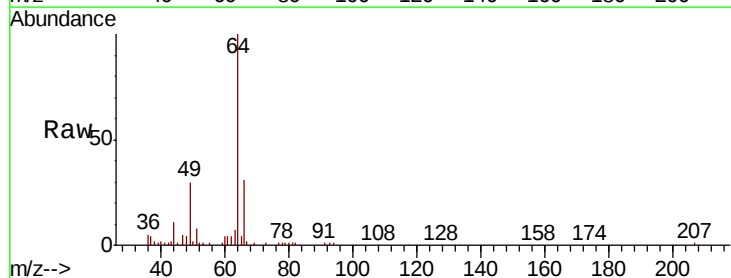
Acq: 14 Oct 2020 18:32

Tgt Ion: 64 Resp: 70057

Ion Ratio Lower Upper

64 100

66 30.5 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN064120.D (-197) (-)

Ion 65.90 (65.60 to 66.60): VN064120.D (-197) (-)

2.68

40000

30000

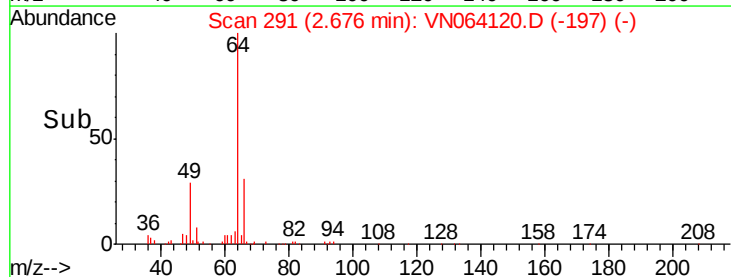
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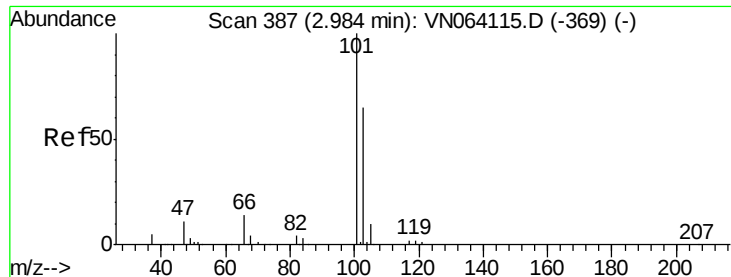
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0

Time-->

2.60 2.65 2.70 2.75



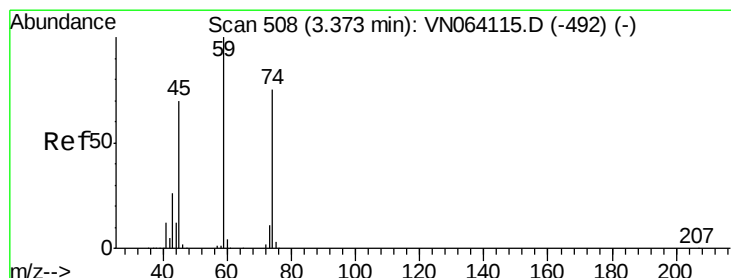
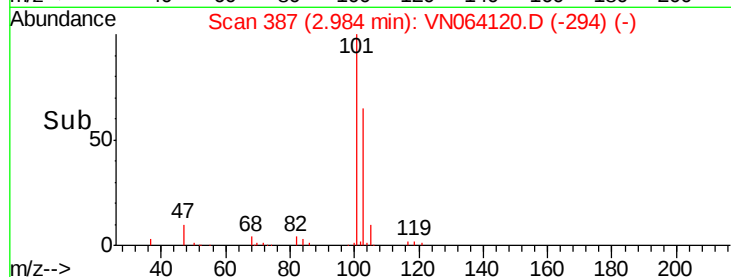
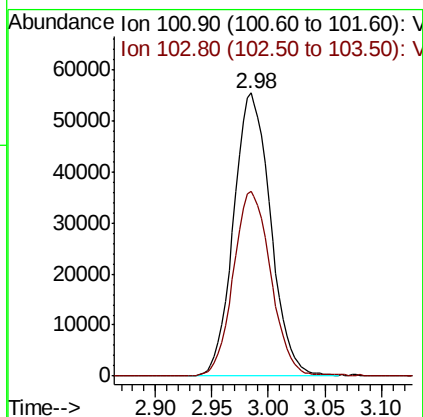
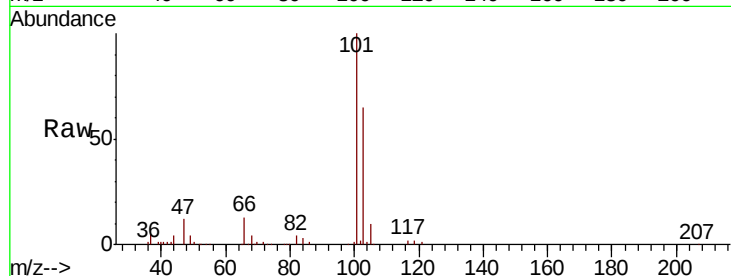


#7

Trichlorofluoromethane
Concen: 17.693 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN064120.D
Acq: 14 Oct 2020 18:32

Instrument :
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VN1014WBS01

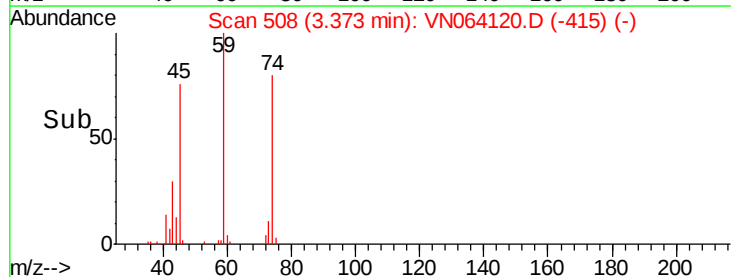
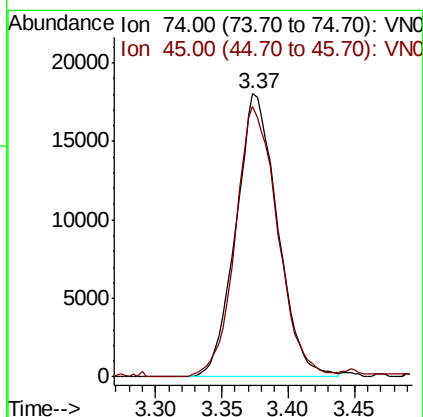
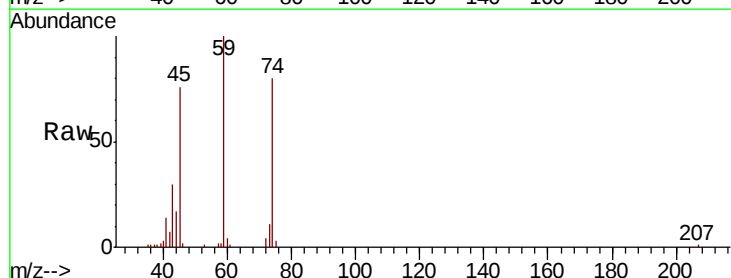
Tot Ion:101 Resp: 126265
Ion Ratio Lower Upper
101 100
103 65.4 51.8 77.6

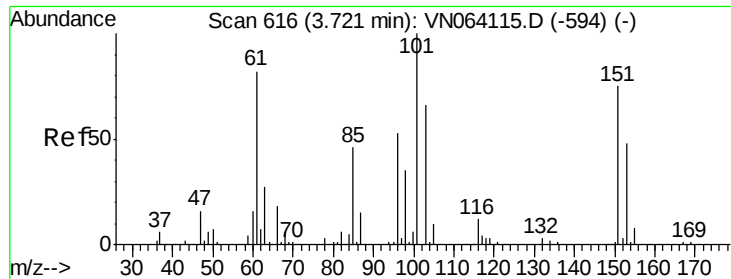


#8

Diethyl Ether
Concen: 17.694 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064120.D
Acq: 14 Oct 2020 18:32

Tgt Ion: 74 Resp: 39505
Ion Ratio Lower Upper
74 100
45 96.5 47.0 141.0

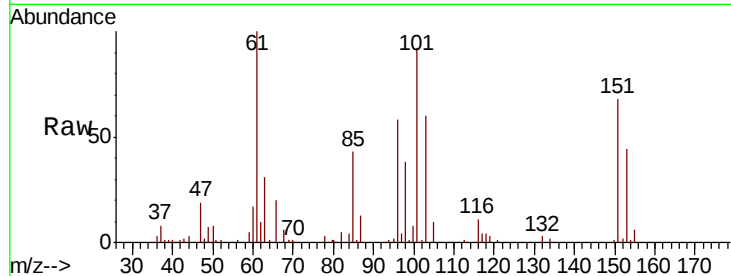




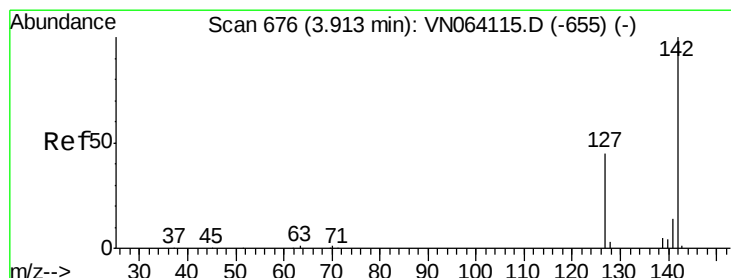
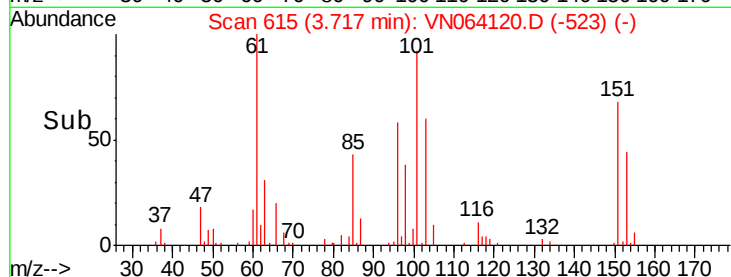
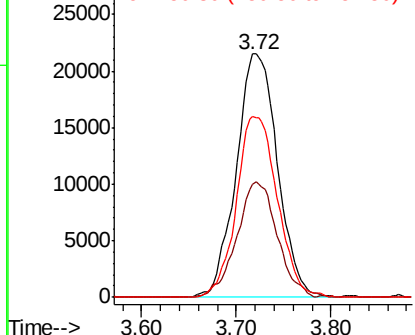
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.605 ug/l
 RT: 3.72 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: VN064120.D
 Acq: 14 Oct 2020 18:32

Instrument :
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 VN1014WBS01

Tot Ion:101 Resp: 65180
 Ion Ratio Lower Upper
 101 100
 85 46.5 36.9 55.3
 151 73.9 60.7 91.1

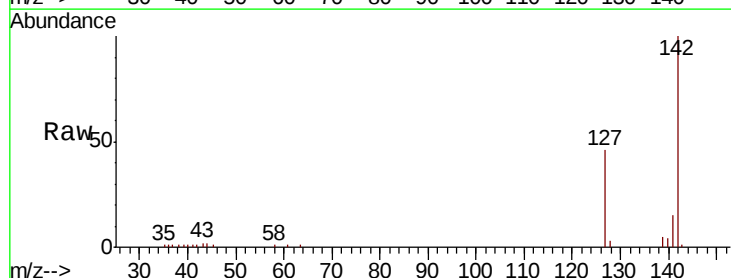


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

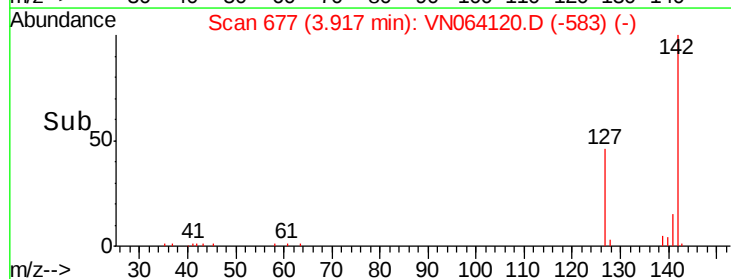
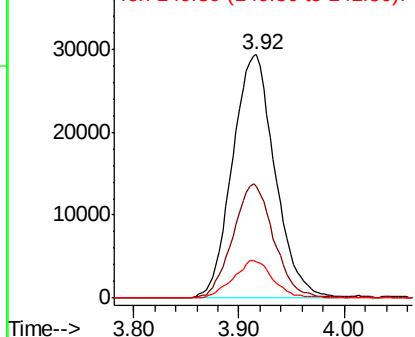


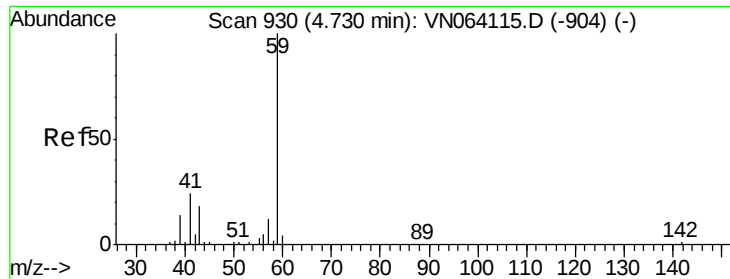
#10
 Methyl Iodide
 Concen: 16.615 ug/l
 RT: 3.92 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: VN064120.D
 Acq: 14 Oct 2020 18:32

Tgt Ion:142 Resp: 82062
 Ion Ratio Lower Upper
 142 100
 127 45.0 36.3 54.5
 141 14.5 11.6 17.4



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



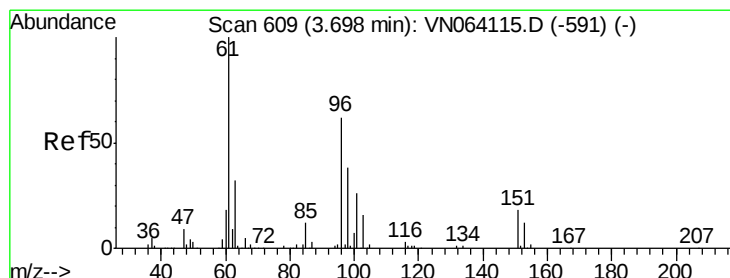
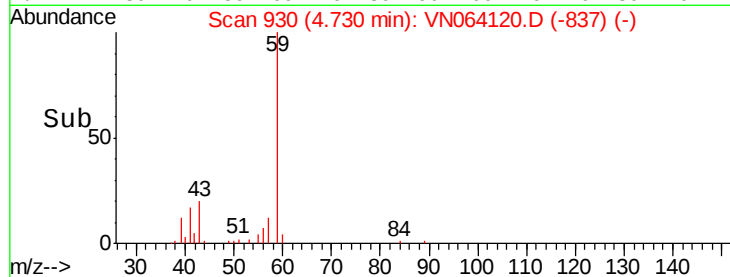
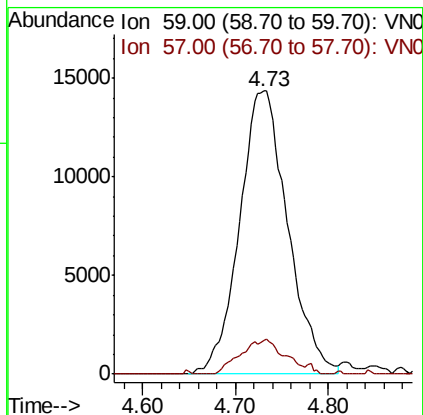
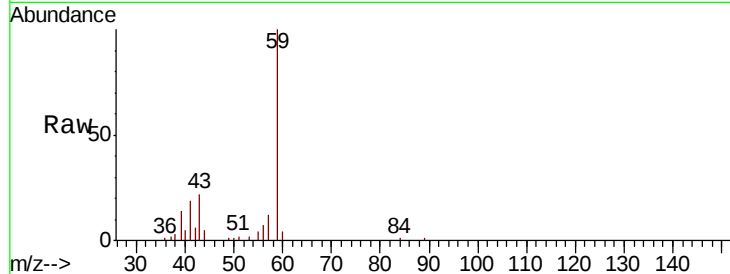


#11

Tert butyl alcohol
 Concen: 92.505 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: VN064120.D
 Acq: 14 Oct 2020 18:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1014WBS01

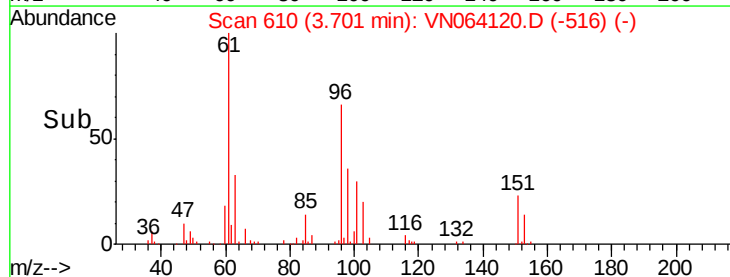
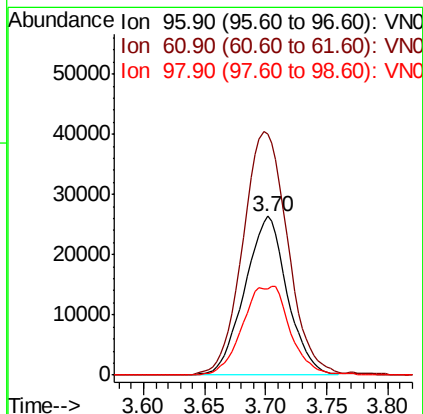
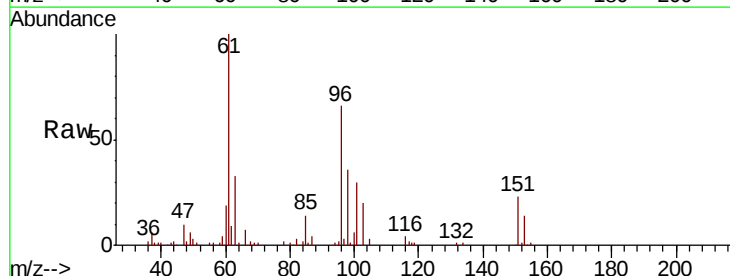
Tot Ion: 59 Resp: 51816
 Ion Ratio Lower Upper
 59 100
 57 4.8 8.9 13.3#

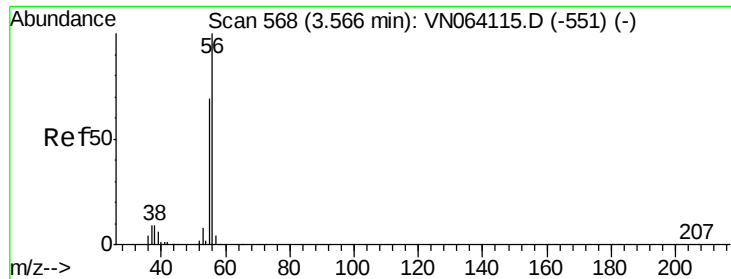


#12

1,1-Dichloroethene
 Concen: 17.980 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN064120.D
 Acq: 14 Oct 2020 18:32

Tgt Ion: 96 Resp: 63610
 Ion Ratio Lower Upper
 96 100
 61 151.5 129.9 194.9
 98 54.1 48.9 73.3





#13

Acrolein

Concen: 82.122 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

Instrument :

MSVOA_N

ClientSampleId :

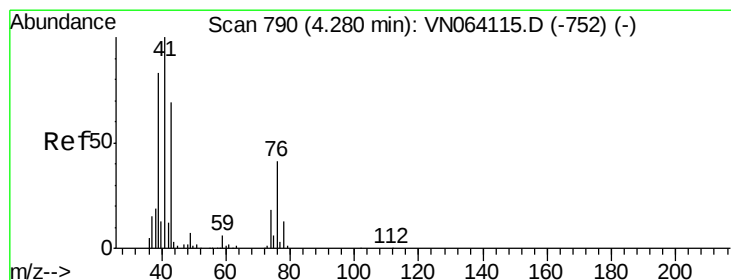
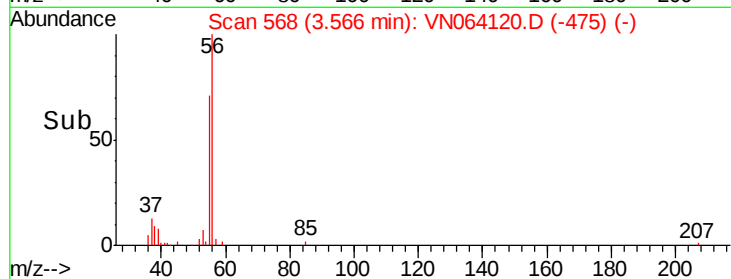
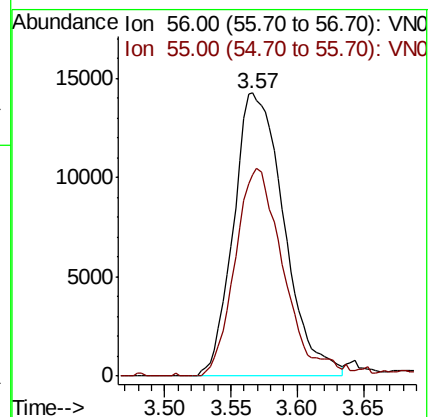
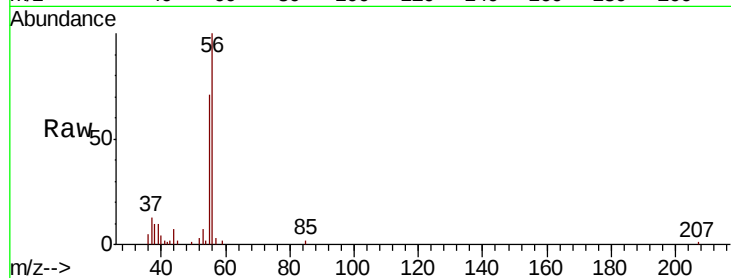
VN1014WBS01

Tot Ion: 56 Resp: 37783

Ion Ratio Lower Upper

56 100

55 69.9 55.8 83.6



#14

Allyl chloride

Concen: 18.050 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

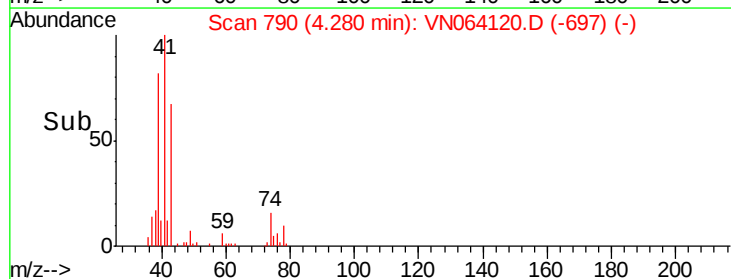
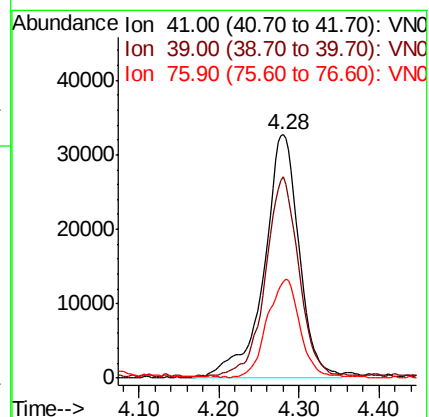
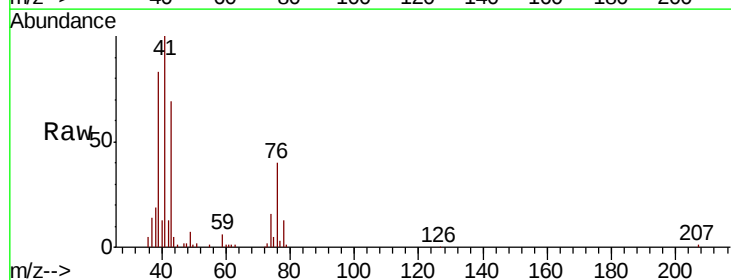
Tgt Ion: 41 Resp: 99635

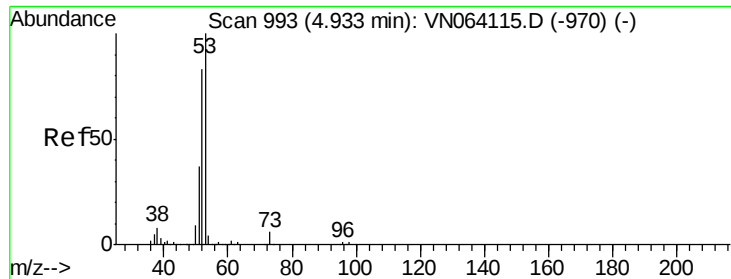
Ion Ratio Lower Upper

41 100

39 76.9 60.5 90.7

76 37.9 29.5 44.3

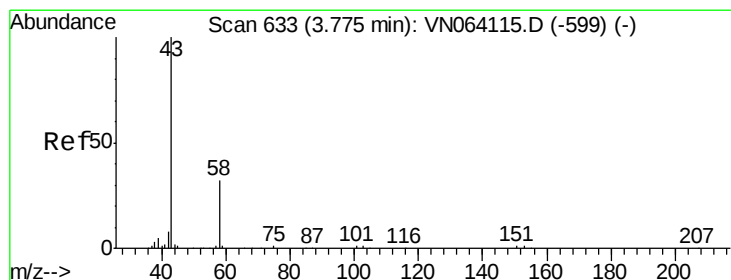
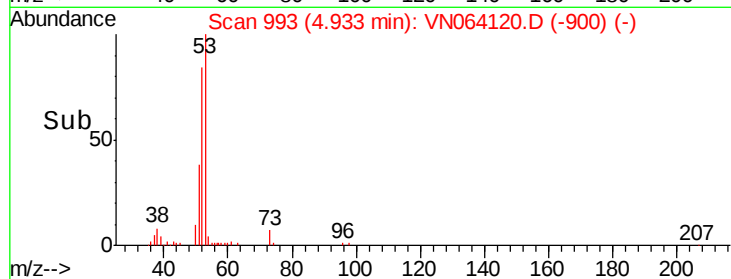
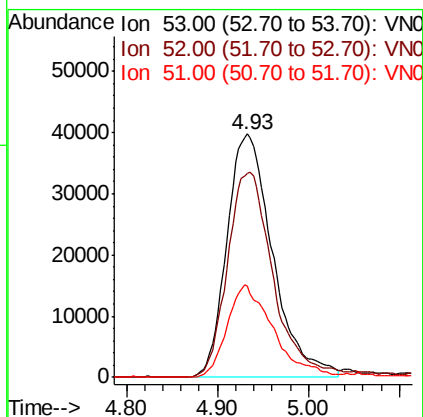
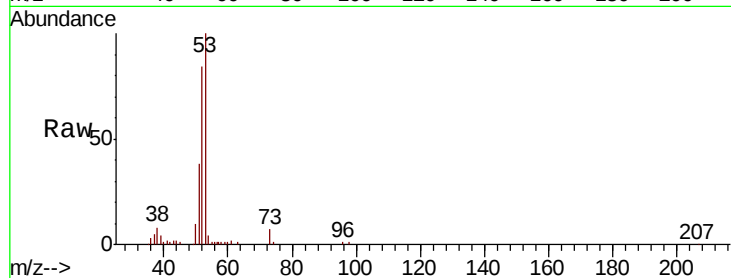




#15
 Acrylonitrile
 Concen: 86.482 ug/l
 RT: 4.93 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: VN064120.D
 Acq: 14 Oct 2020 18:32

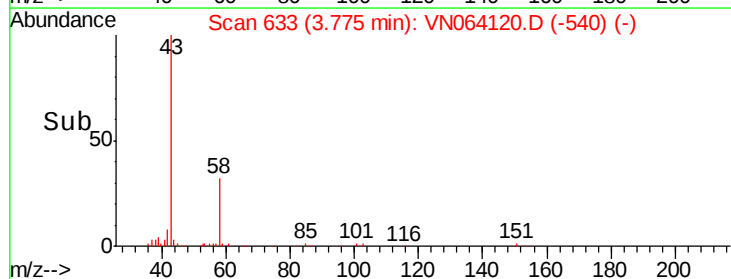
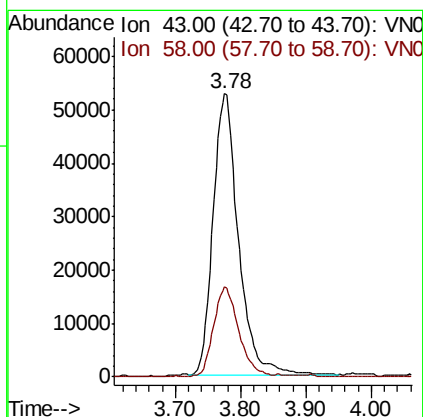
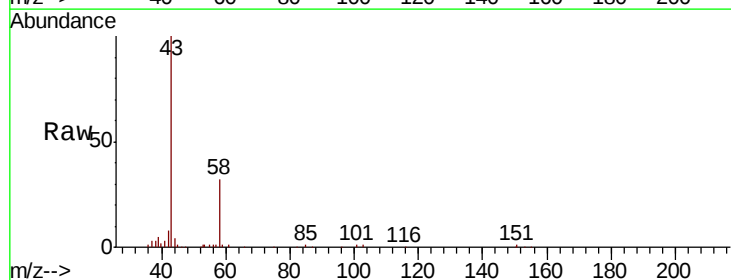
Instrument :
 MSVOA_N
 ClientSampled :
 VN1014WBS01

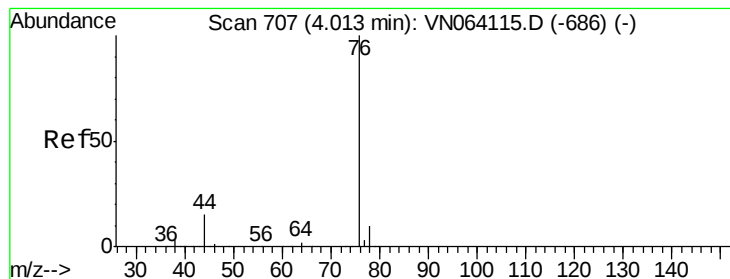
Tot Ion	53	Resp	139090
Ion	Ratio	Lower	Upper
53	100		
52	84.0	65.8	98.6
51	38.1	29.4	44.2



#16
 Acetone
 Concen: 95.058 ug/l
 RT: 3.78 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VN064120.D
 Acq: 14 Oct 2020 18:32

Tgt Ion	43	Resp	142640
Ion	Ratio	Lower	Upper
43	100		
58	31.9	25.2	37.8





#17

Carbon Disulfide

Concen: 18.033 ug/l

RT: 4.02 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

Instrument :

MSVOA_N

ClientSampleId :

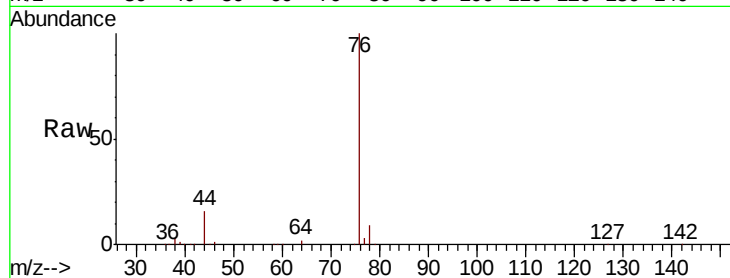
VN1014WBS01

Tot Ion: 76 Resp: 182353

Ion Ratio Lower Upper

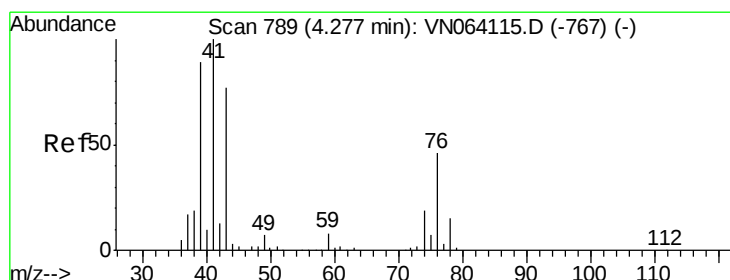
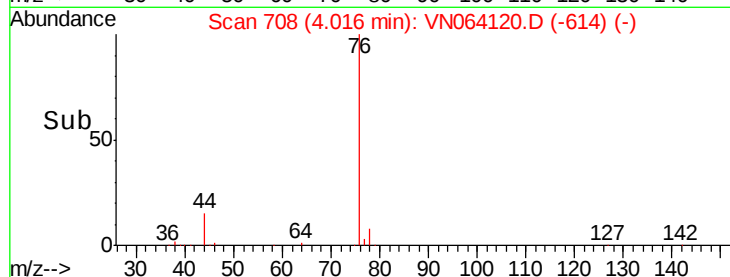
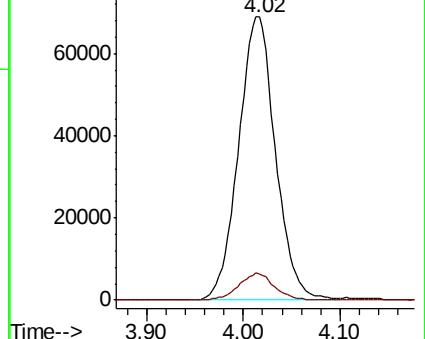
76 100

78 9.3 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 17.685 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.01 min

Lab File: VN064120.D

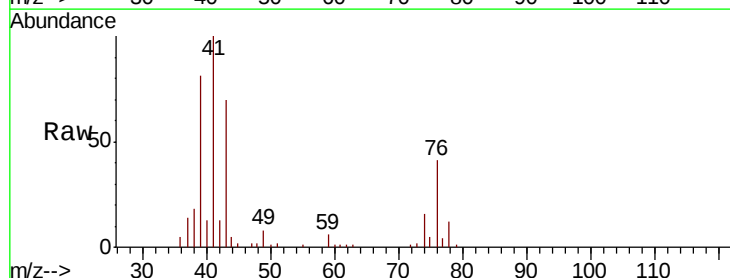
Acq: 14 Oct 2020 18:32

Tgt Ion: 43 Resp: 66570

Ion Ratio Lower Upper

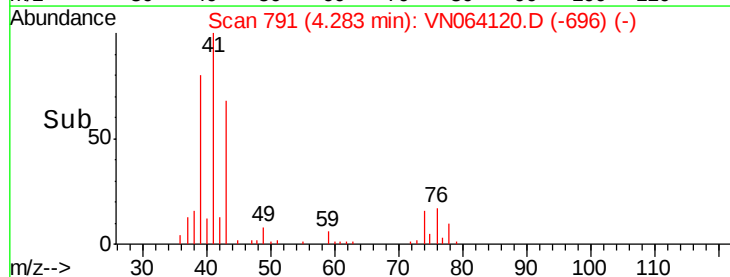
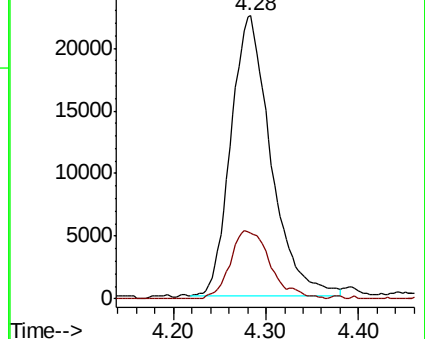
43 100

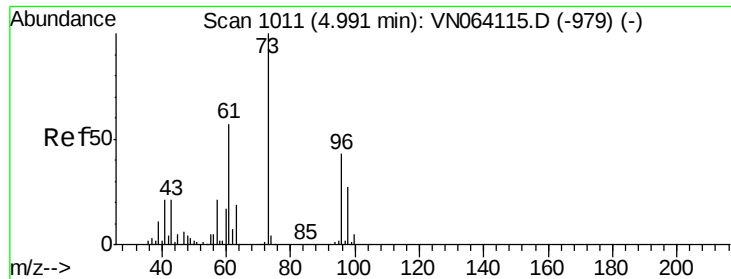
74 24.3 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

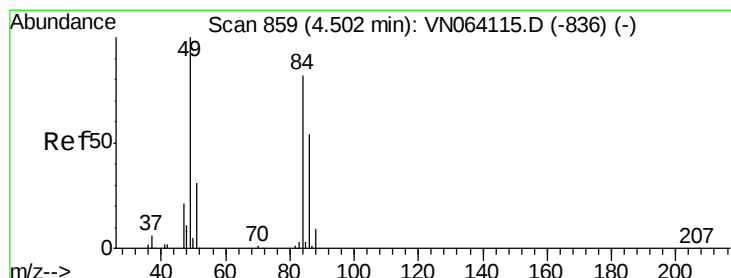
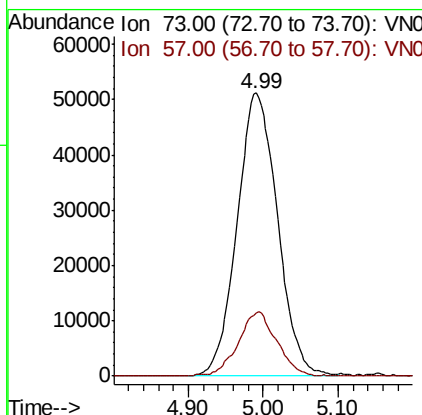
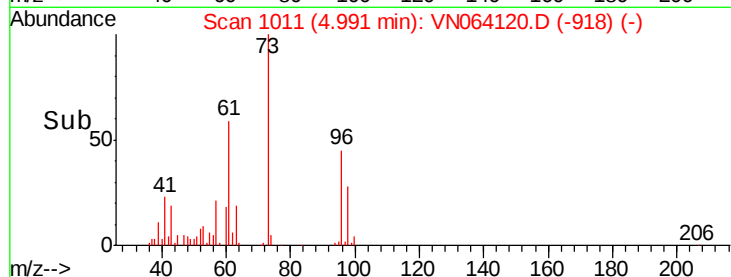
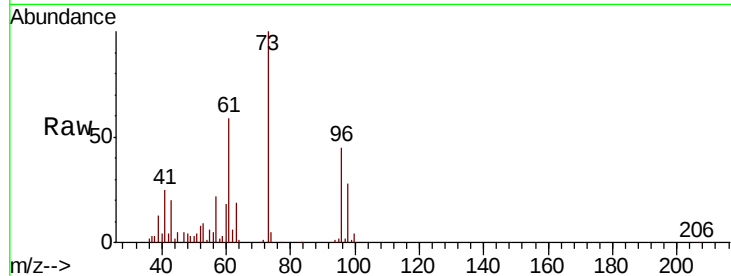




#19
Methvl tert-butvl Ether
Concen: 18.425 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064120.D
Acq: 14 Oct 2020 18:32

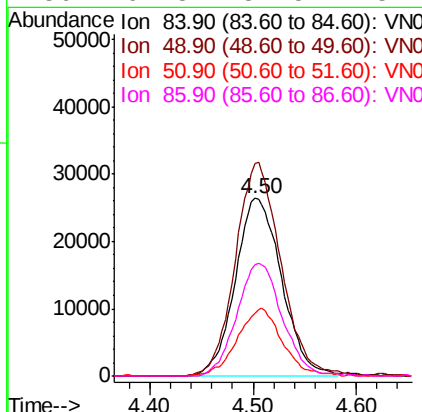
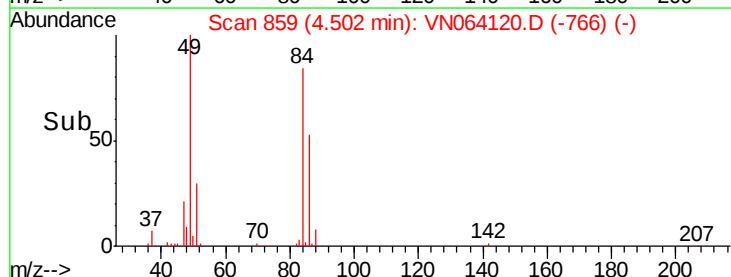
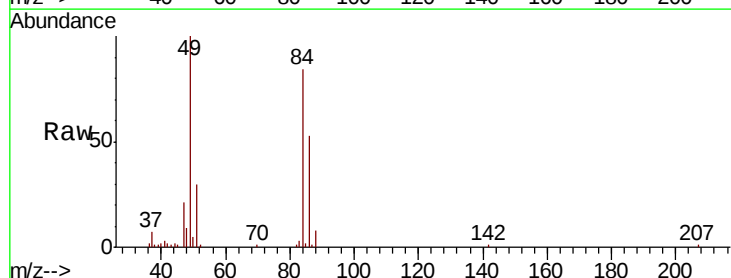
Instrument :
MSVOA_N
ClientSampleId :
VN1014WBS01

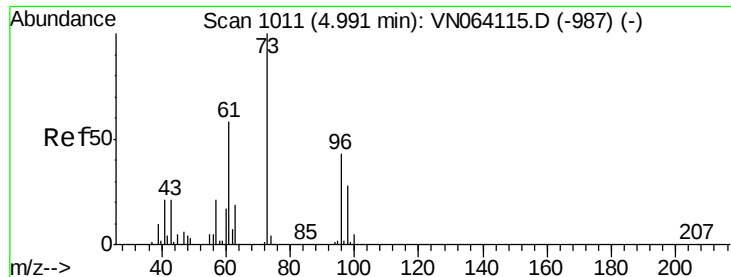
Tot Ion: 73 Resp: 192268
Ion Ratio Lower Upper
73 100
57 22.5 17.0 25.4



#20
Methylene Chloride
Concen: 17.776 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064120.D
Acq: 14 Oct 2020 18:32

Tgt Ion: 84 Resp: 82538
Ion Ratio Lower Upper
84 100
49 118.7 97.4 146.0
51 35.5 29.7 44.5
86 62.8 52.5 78.7



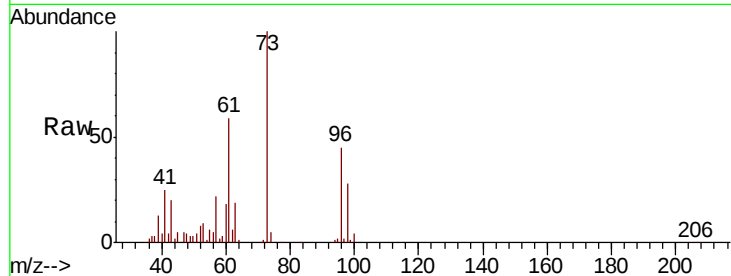


#21

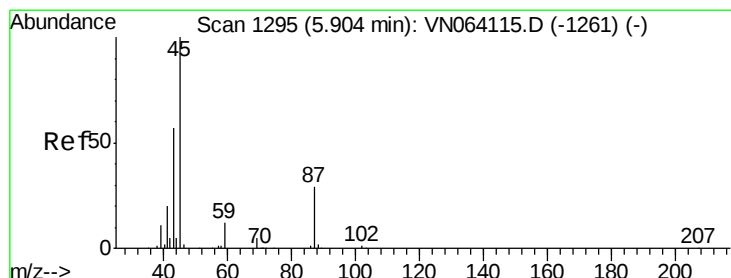
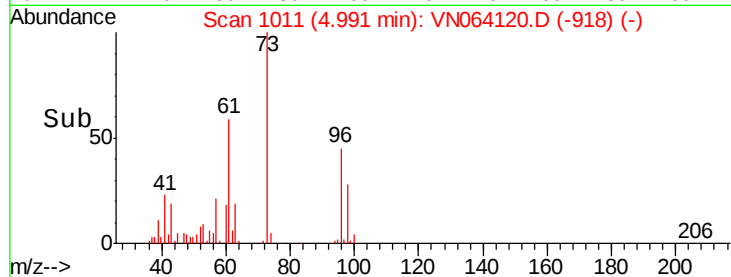
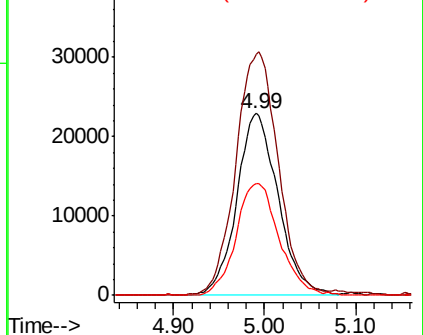
trans-1,2-Dichloroethene
Concen: 18.032 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064120.D
Acq: 14 Oct 2020 18:32

Instrument :
MSVOA_N
ClientSampled :
VN1014WBS01

Tot Ion: 96 Resp: 72328
Ion Ratio Lower Upper
96 100
61 132.0 107.0 160.4
98 61.5 51.0 76.6



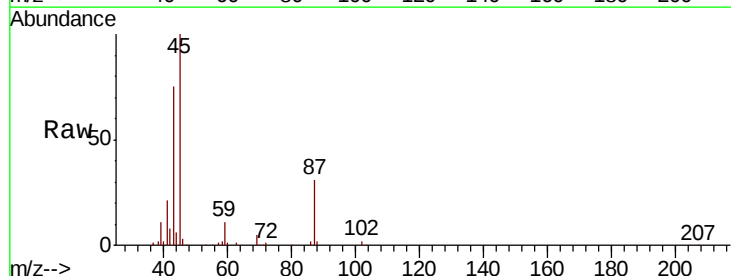
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



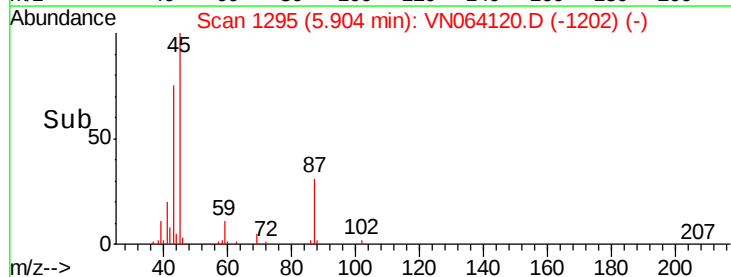
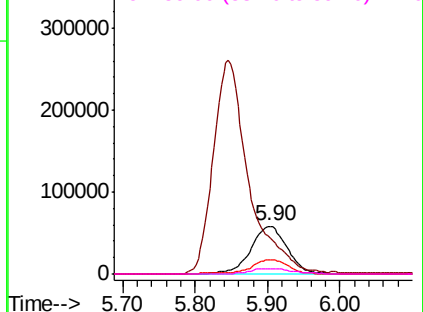
#22

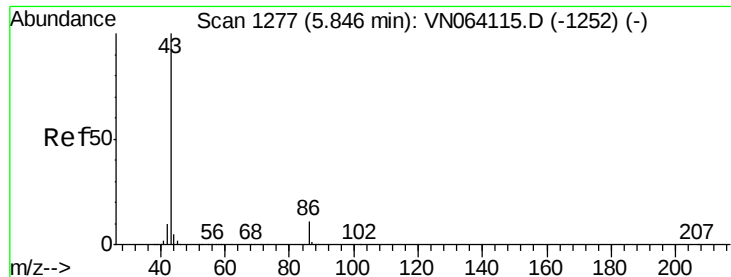
Diisopropyl ether
Concen: 18.969 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN064120.D
Acq: 14 Oct 2020 18:32

Tgt Ion: 45 Resp: 203413
Ion Ratio Lower Upper
45 100
43 70.7 50.9 76.3
87 30.5 23.5 35.3
59 10.8 9.4 14.2



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 92.564 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

Instrument :

MSVOA_N

ClientSampleId :

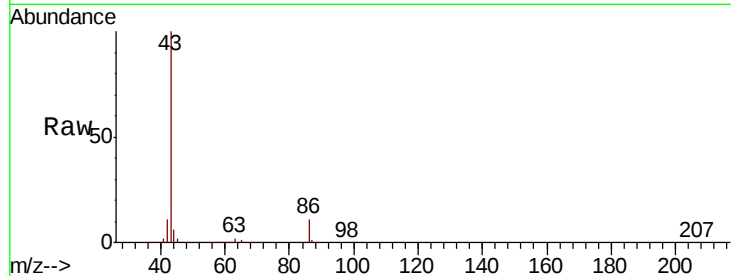
VN1014WBS01

Tot Ion: 43 Resp: 886648

Ion Ratio Lower Upper

43 100

86 10.8 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VN064120.D (-1184) (-)

Ion 86.00 (85.70 to 86.70): VN064120.D (-1184) (-)

5.85

250000

200000

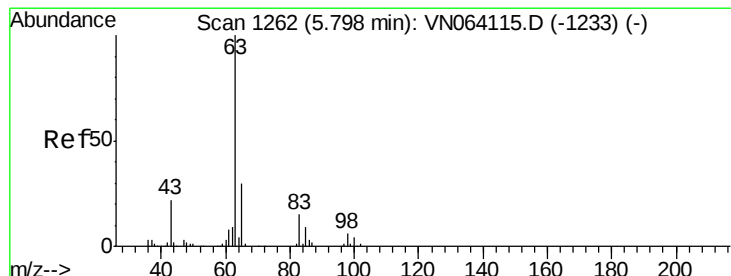
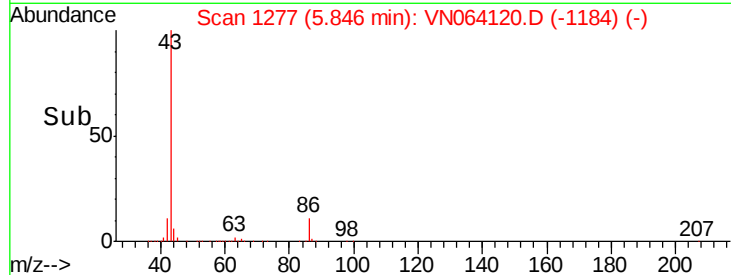
150000

100000

50000

0

Time--> 5.70 5.80 5.90 6.00



#24

1,1-Dichloroethane

Concen: 18.021 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

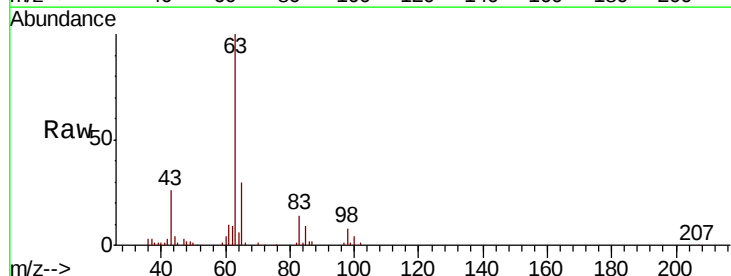
Tgt Ion: 63 Resp: 134950

Ion Ratio Lower Upper

63 100

98 7.7 3.1 9.3

100 4.0 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VN064120.D (-1169) (-)

Ion 97.90 (97.60 to 98.60): VN064120.D (-1169) (-)

Ion 99.90 (99.60 to 100.60): VN064120.D (-1169) (-)

5.80

50000

40000

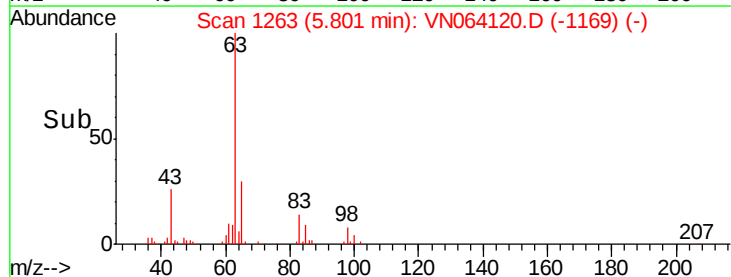
30000

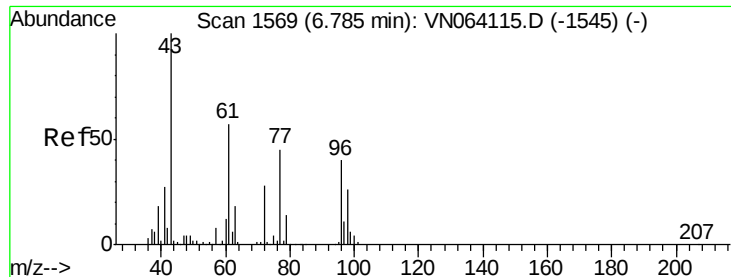
20000

10000

0

Time--> 5.70 5.80 5.90





#25

2-Butanone

Concen: 89.518 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

Instrument :

MSVOA_N

ClientSampled :

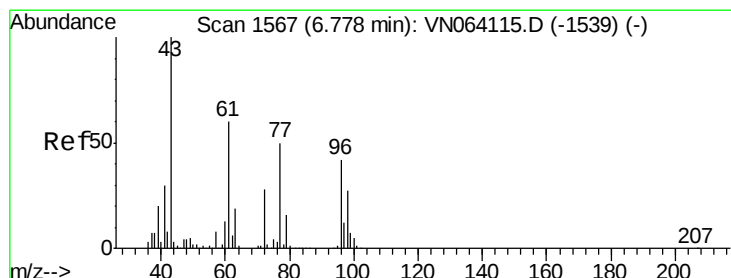
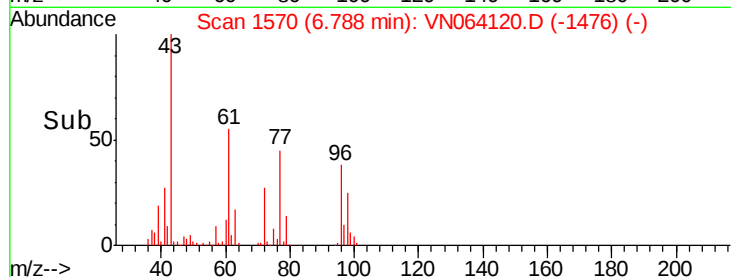
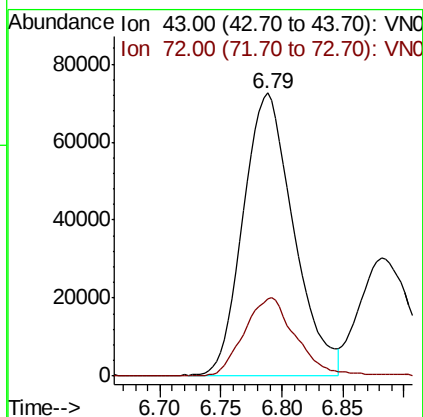
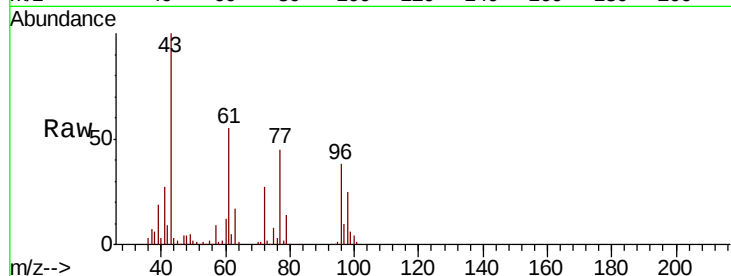
VN1014WBS01

Tot Ion: 43 Resp: 206611

Ion Ratio Lower Upper

43 100

72 27.2 22.2 33.2



#26

2,2-Dichloropropane

Concen: 18.901 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064120.D

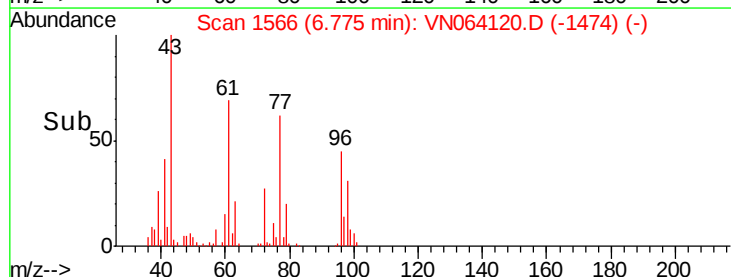
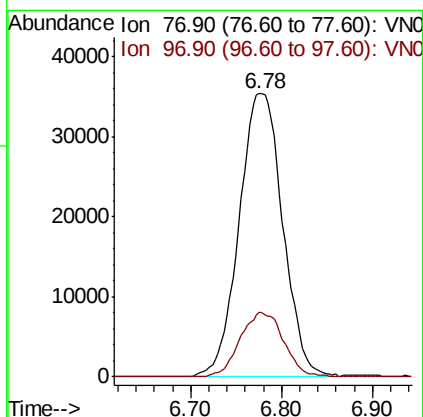
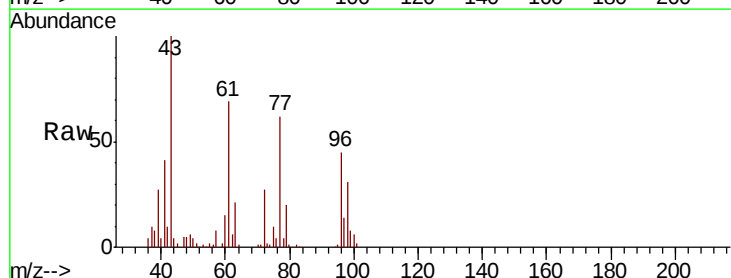
Acq: 14 Oct 2020 18:32

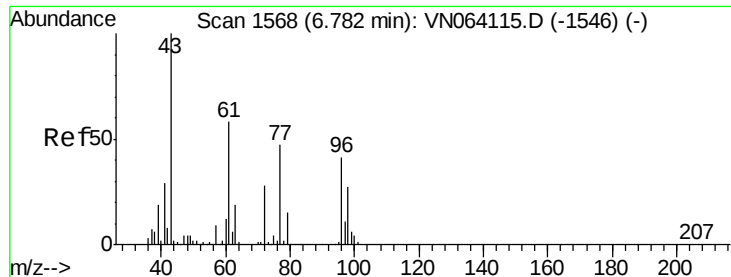
Tgt Ion: 77 Resp: 117760

Ion Ratio Lower Upper

77 100

97 22.7 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 17.584 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

Instrument :

MSVOA_N

ClientSampled :

VN1014WBS01

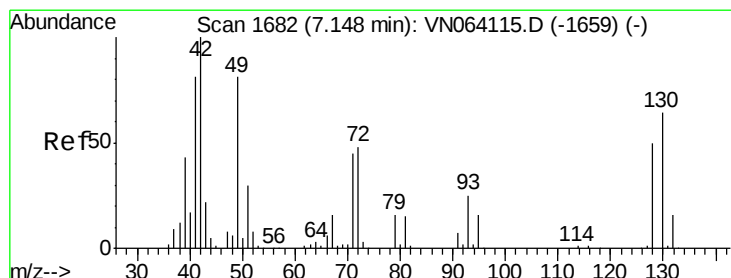
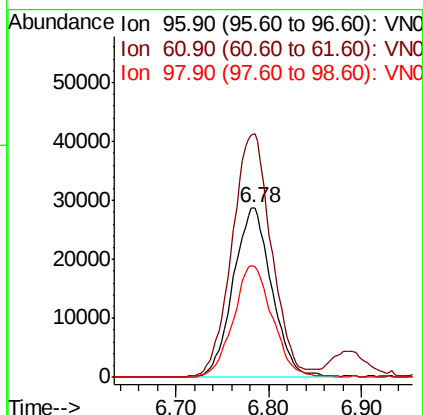
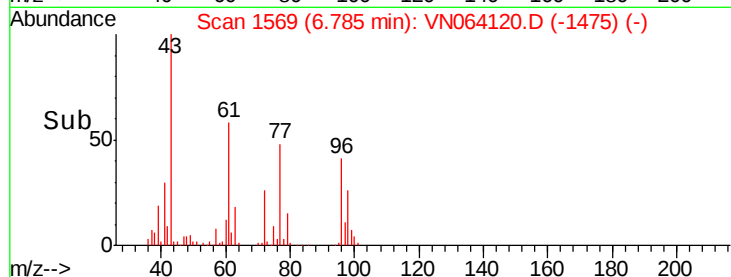
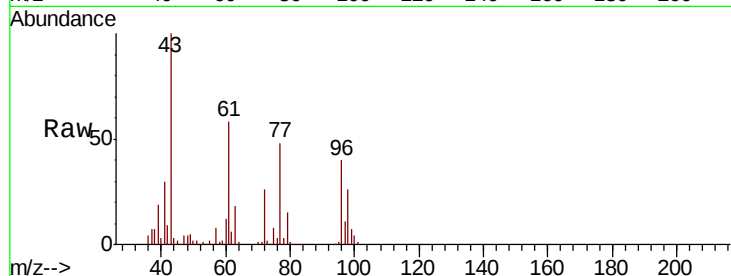
Tot Ion: 96 Resp: 82971

Ion Ratio Lower Upper

96 100

61 147.0 0.0 285.6

98 66.6 0.0 131.0



#28

Bromochloromethane

Concen: 18.150 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

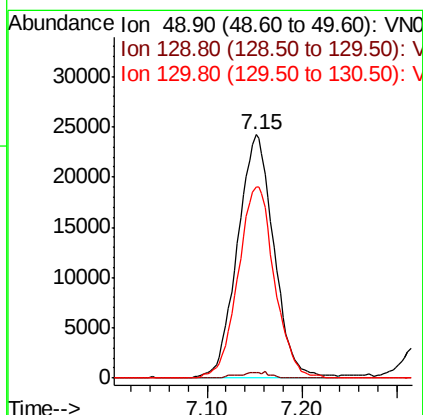
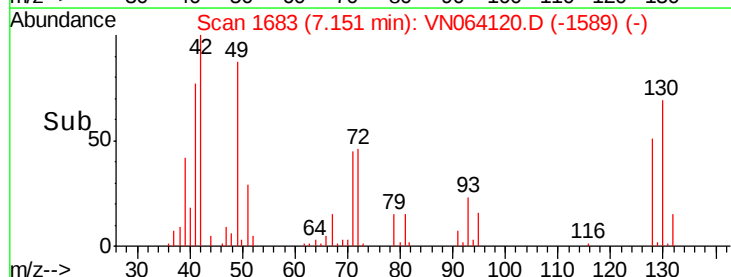
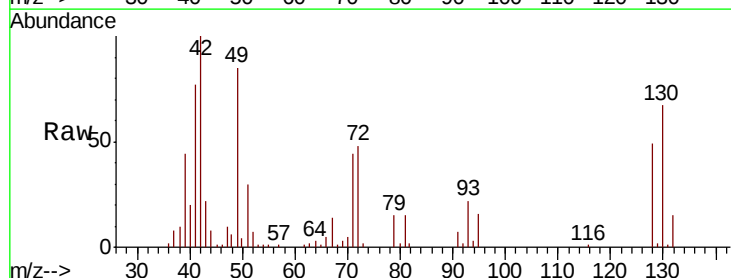
Tgt Ion: 49 Resp: 64737

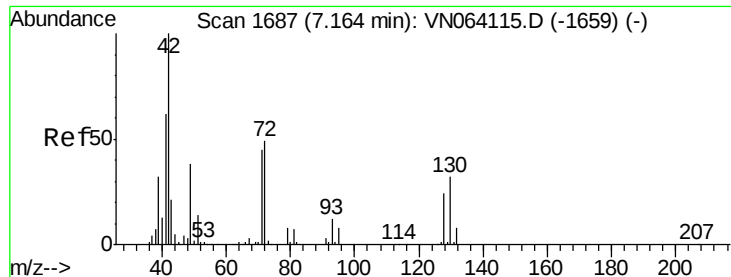
Ion Ratio Lower Upper

49 100

129 0.5 0.0 2.0

130 78.5 0.0 0.0#





#29

Tetrahydrofuran

Concen: 88.700 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

Instrument :

MSVOA_N

ClientSampled :

VN1014WBS01

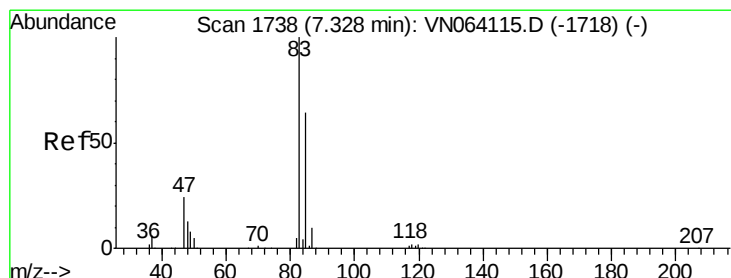
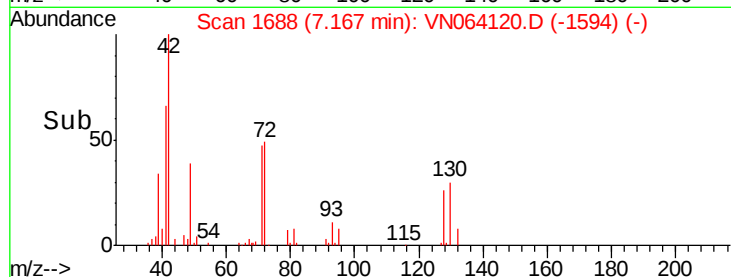
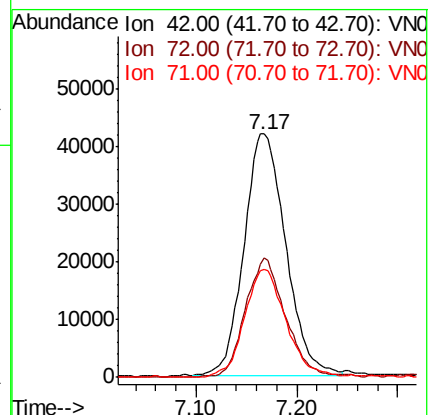
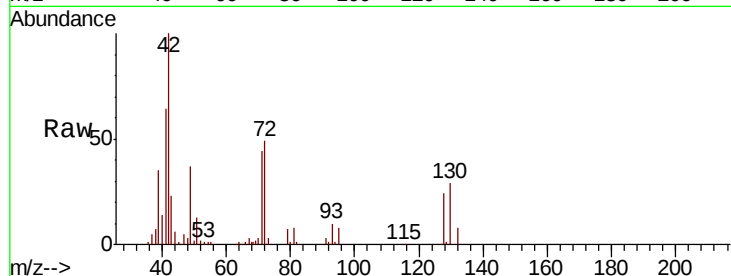
Tot Ion: 42 Resp: 119647

Ion Ratio Lower Upper

42 100

72 47.4 37.8 56.6

71 44.5 35.3 52.9



#30

Chloroform

Concen: 18.364 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN064120.D

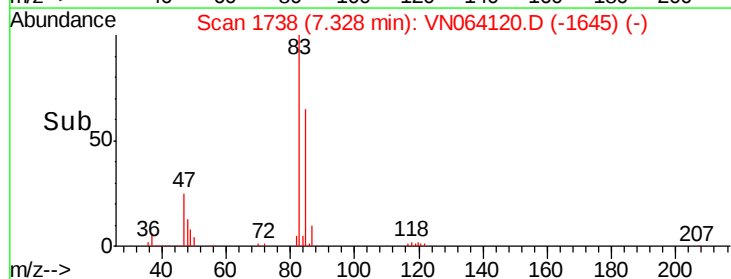
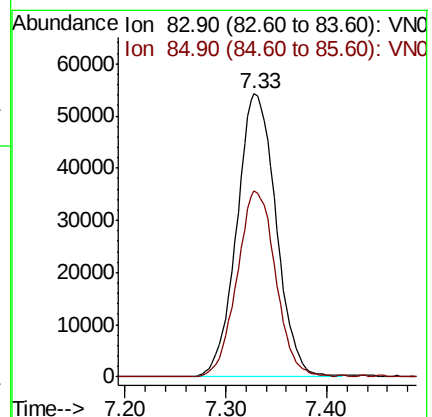
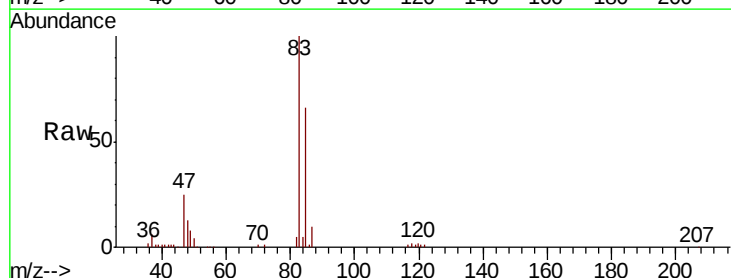
Acq: 14 Oct 2020 18:32

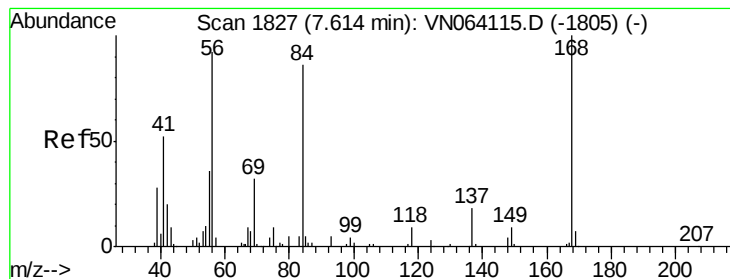
Tgt Ion: 83 Resp: 146500

Ion Ratio Lower Upper

83 100

85 65.6 51.5 77.3





#31

Cyclohexane

Concen: 17.775 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

Instrument :

MSVOA_N

ClientSampleId :

VN1014WBS01

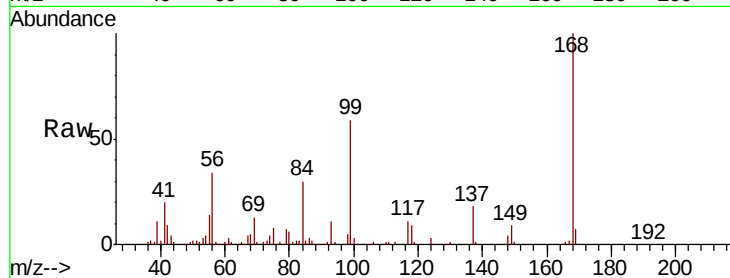
Tot Ion: 56 Resp: 99408

Ion Ratio Lower Upper

56 100

69 38.5 27.8 41.6

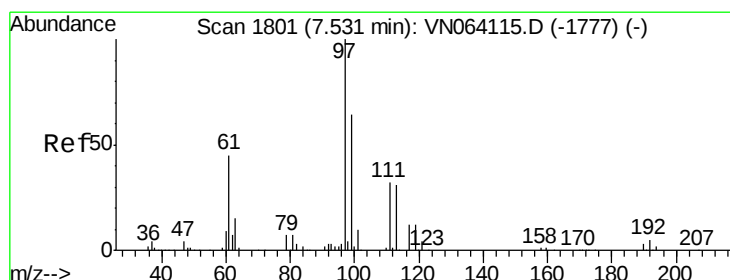
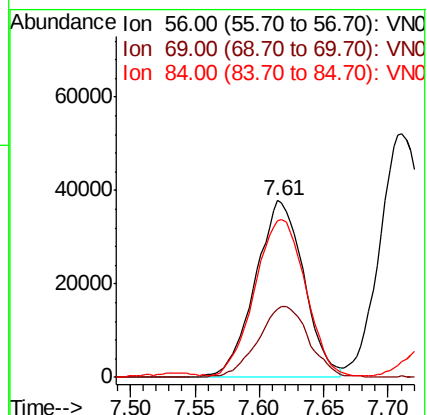
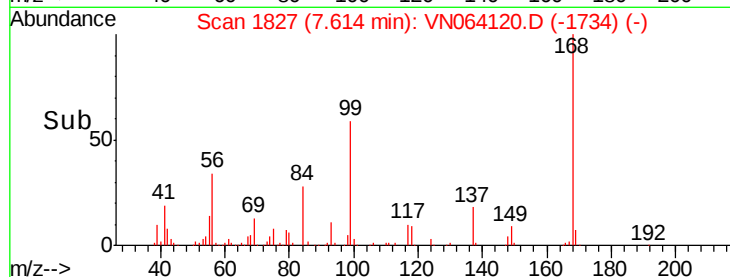
84 86.5 73.2 109.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 18.318 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

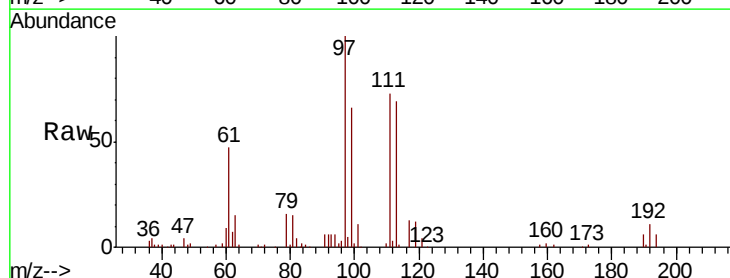
Tgt Ion: 97 Resp: 126281

Ion Ratio Lower Upper

97 100

99 62.5 50.2 75.2

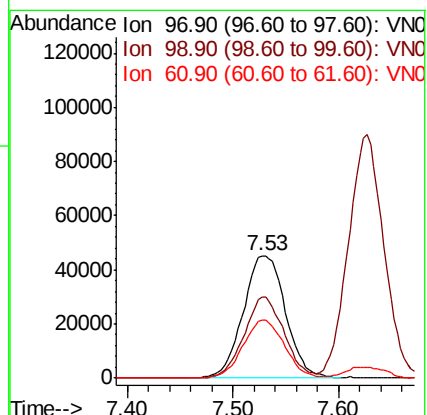
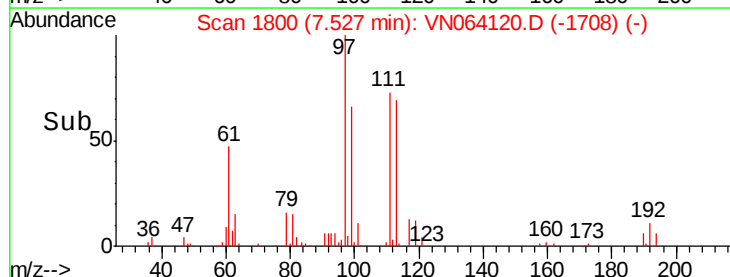
61 46.6 35.6 53.4

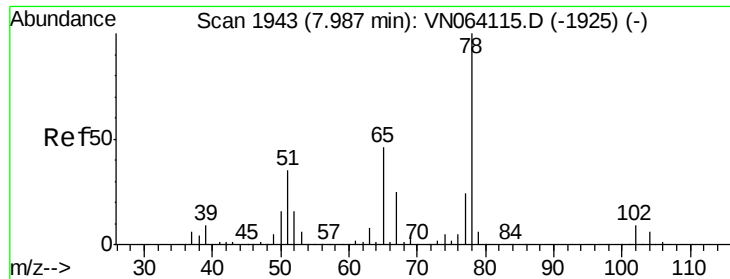


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

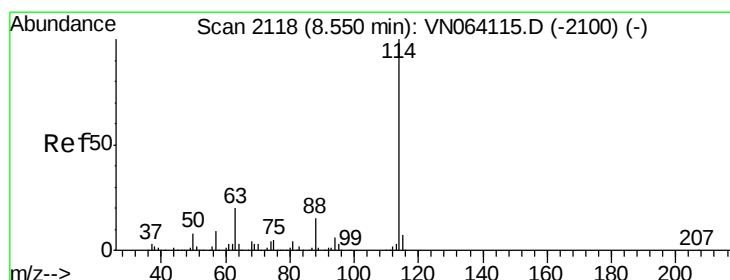
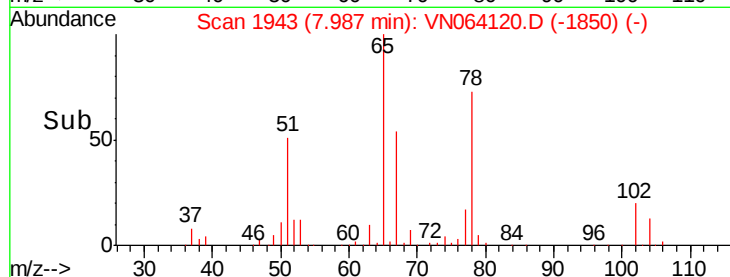
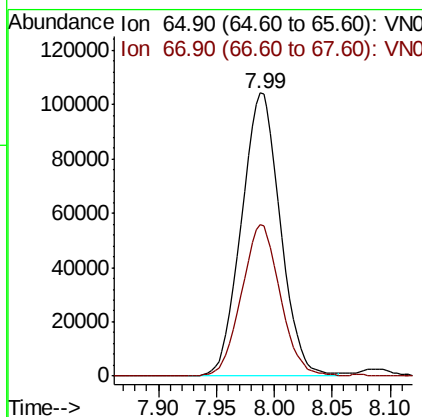
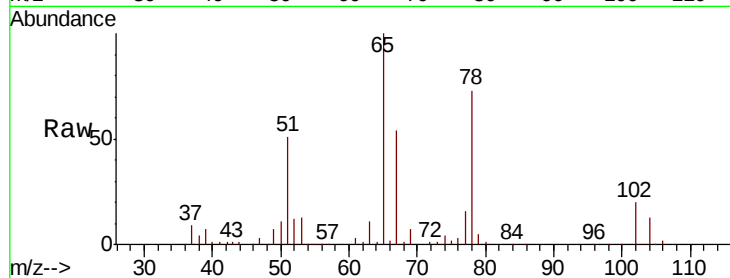




#33
 1,2-Dichloroethane-d4
 Concen: 48.105 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064120.D
 Acq: 14 Oct 2020 18:32

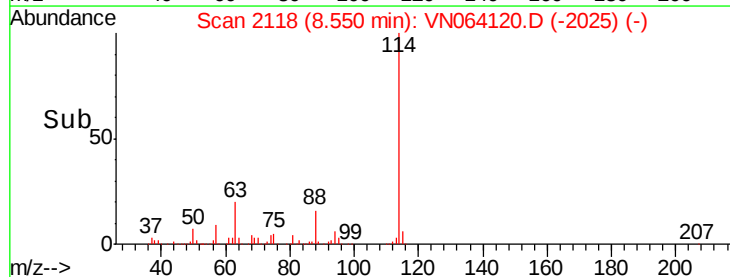
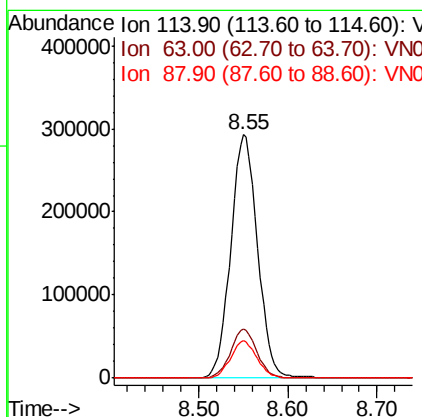
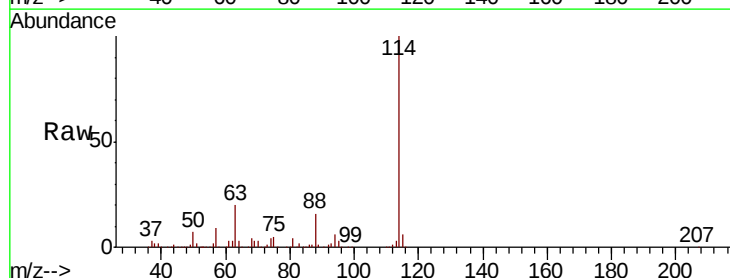
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1014WBS01

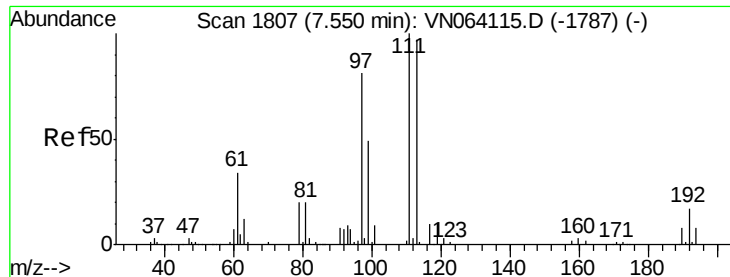
Tot Ion: 65 Resp: 243357
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064120.D
 Acq: 14 Oct 2020 18:32

Tgt Ion: 114 Resp: 609062
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.0
 88 15.5 0.0 29.2

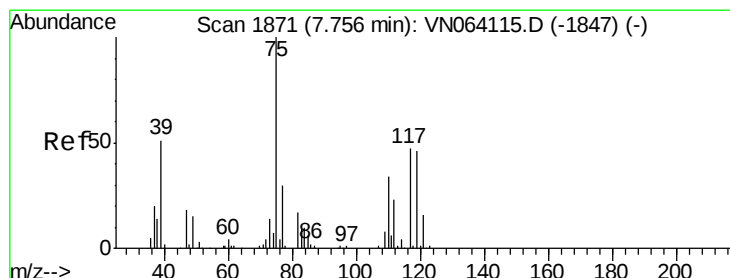
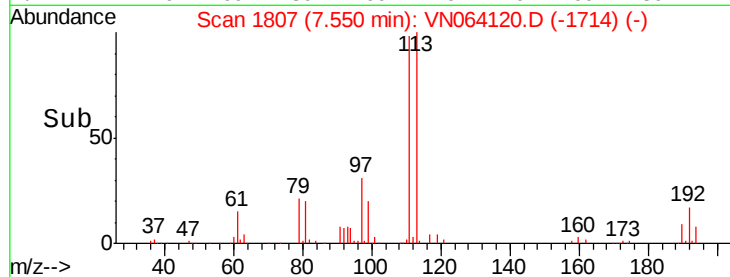
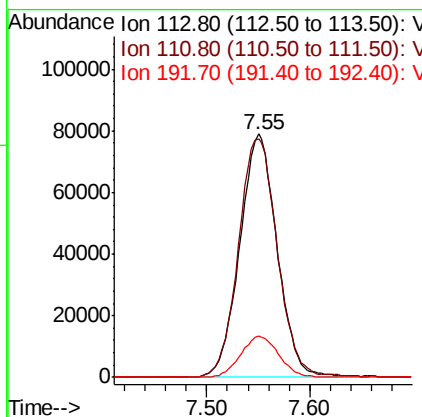
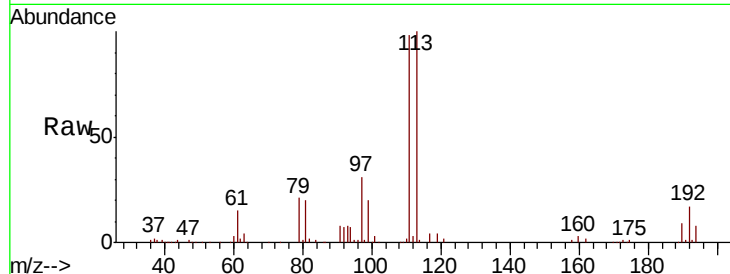




#35
 Dibromofluoromethane
 Concen: 47.061 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064120.D
 Acq: 14 Oct 2020 18:32

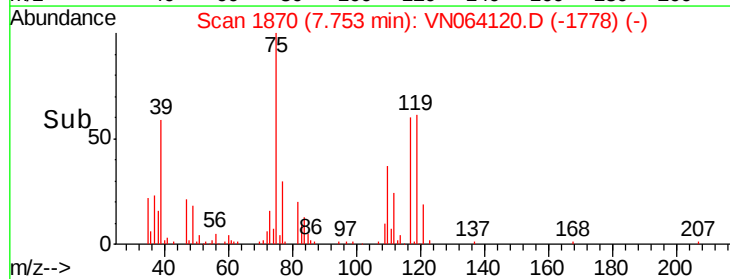
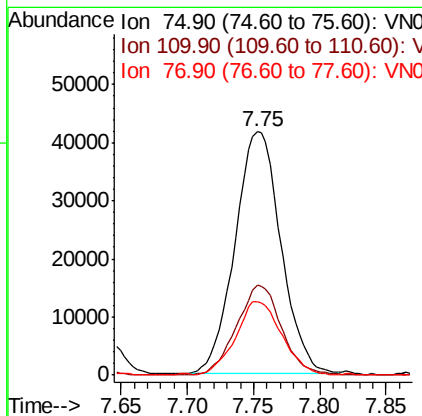
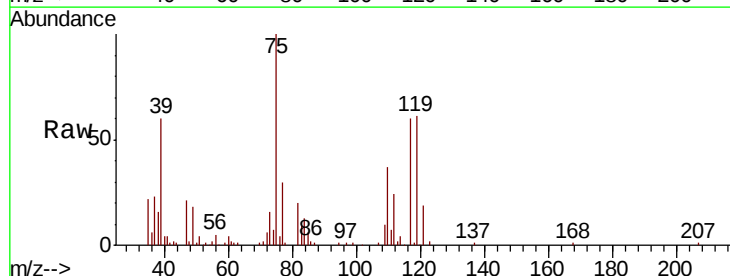
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1014WBS01

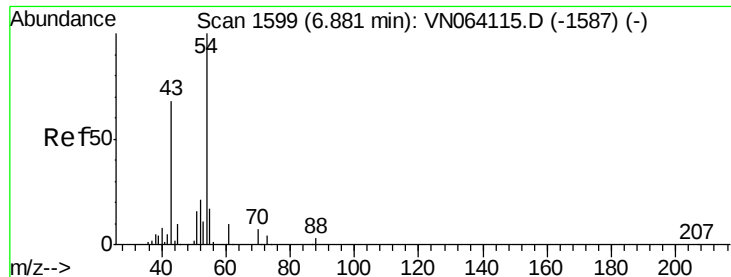
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.9	122.9
192	17.2	14.3	21.5



#36
 1,1-Dichloropropene
 Concen: 16.924 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064120.D
 Acq: 14 Oct 2020 18:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	17.8	53.3
77	30.9	24.9	37.3

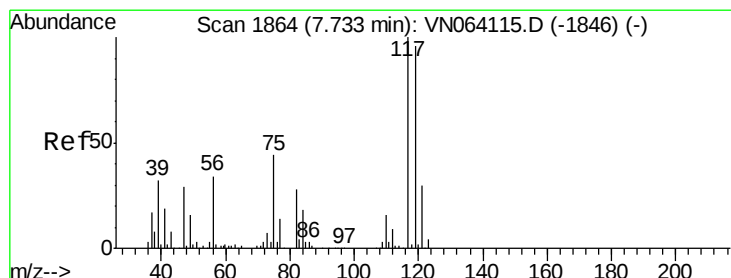
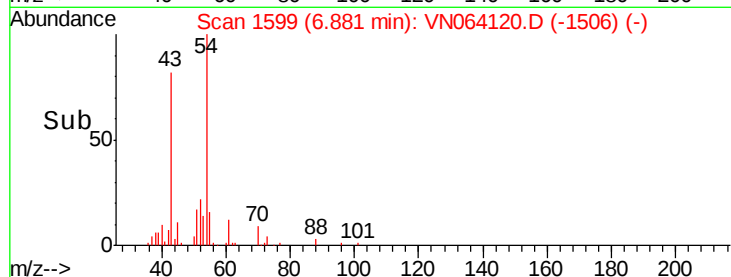
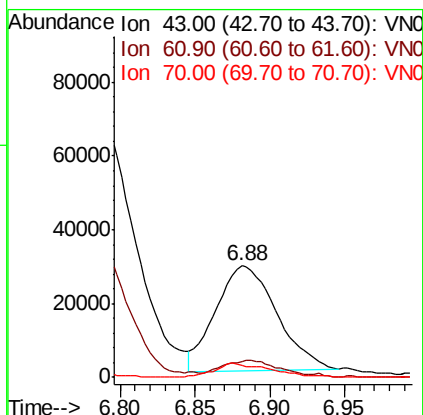
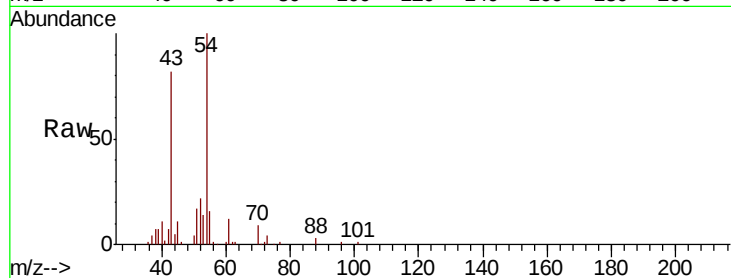




#37
Ethyl Acetate
Concen: 15.660 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064120.D
Acq: 14 Oct 2020 18:32

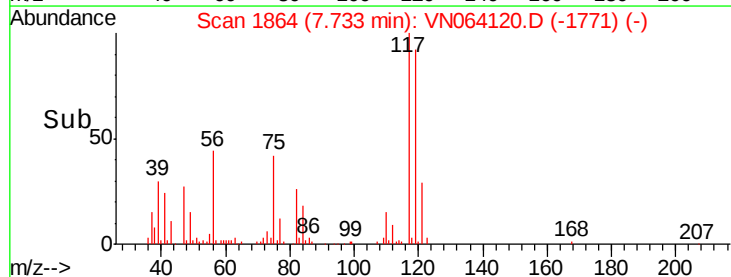
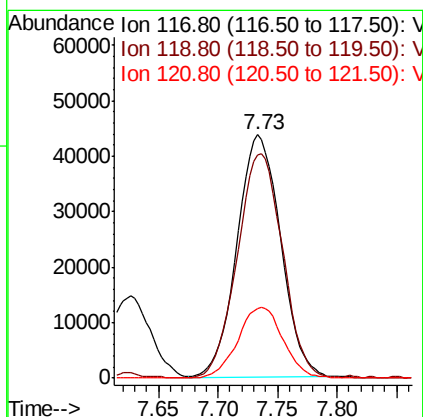
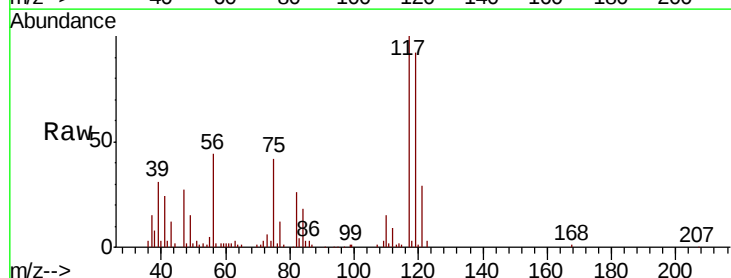
Instrument :
MSVOA_N
ClientSampleId :
VN1014WBS01

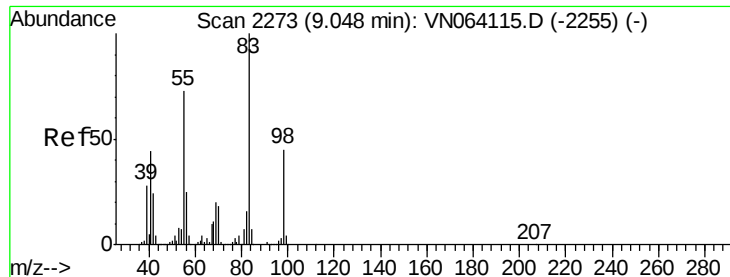
Tot Ion: 43 Resp: 81586
Ion Ratio Lower Upper
43 100
61 14.2 11.3 16.9
70 12.7 7.7 11.5#



#38
Carbon Tetrachloride
Concen: 17.605 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064120.D
Acq: 14 Oct 2020 18:32

Tgt Ion: 117 Resp: 111134
Ion Ratio Lower Upper
117 100
119 92.1 77.0 115.4
121 28.7 24.2 36.4

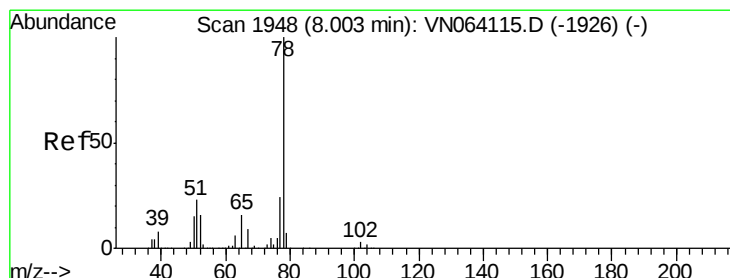
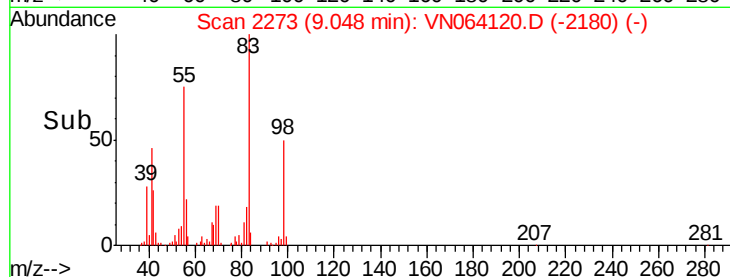
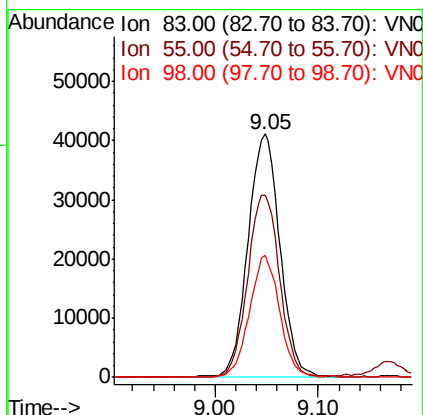
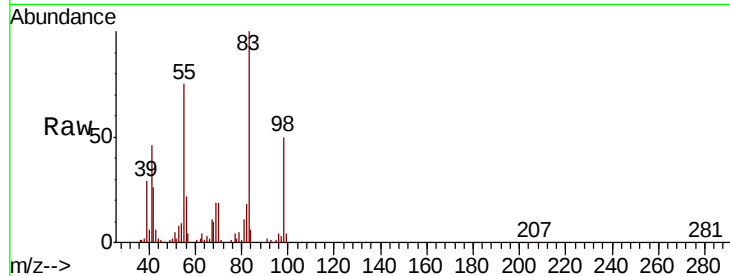




#39
Methvlcvclohexane
Concen: 17.941 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064120.D
Acq: 14 Oct 2020 18:32

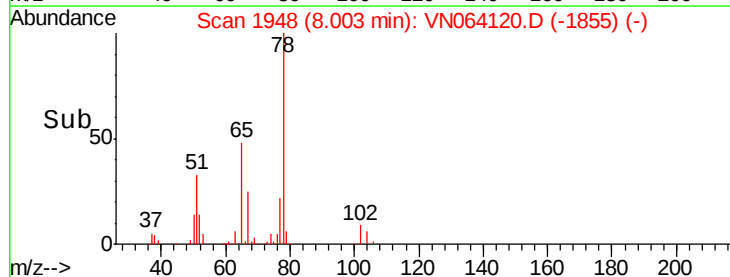
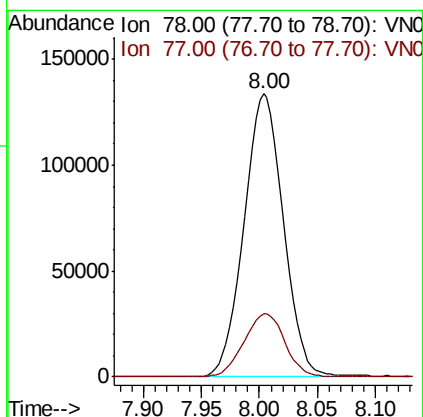
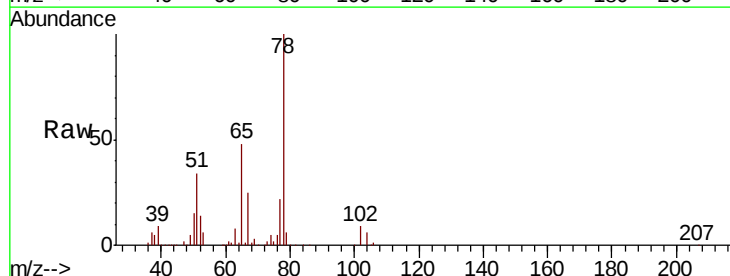
Instrument :
MSVOA_N
ClientSampleId :
VN1014WBS01

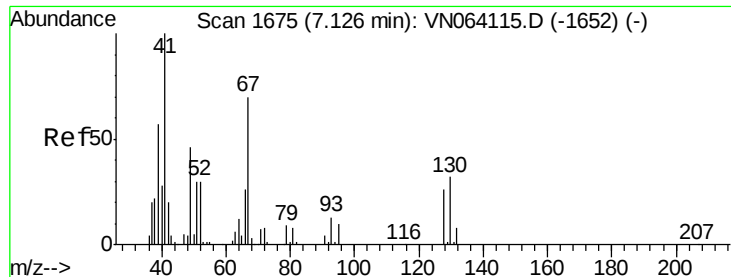
Tot Ion: 83 Resp: 88545
Ion Ratio Lower Upper
83 100
55 74.7 58.5 87.7
98 50.1 36.2 54.2



#40
Benzene
Concen: 17.773 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064120.D
Acq: 14 Oct 2020 18:32

Tgt Ion: 78 Resp: 315960
Ion Ratio Lower Upper
78 100
77 22.1 19.3 28.9

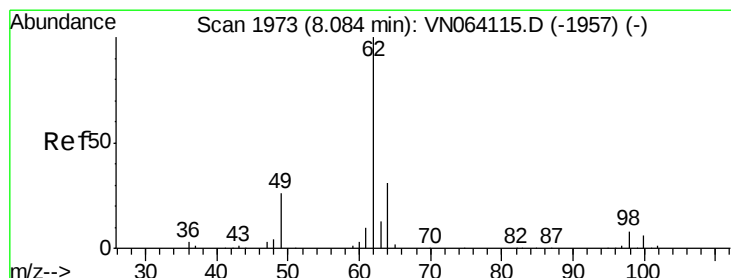
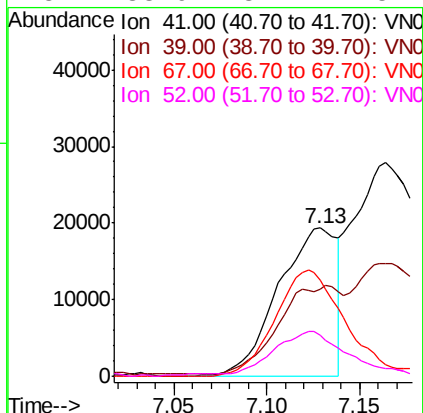
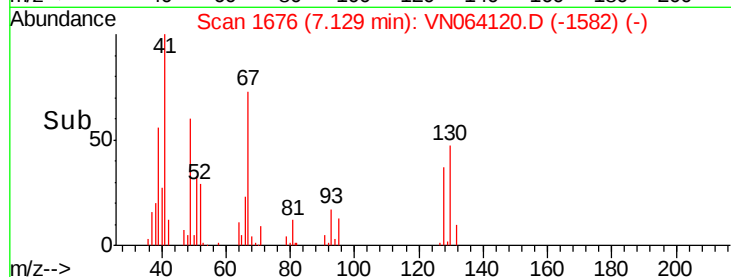
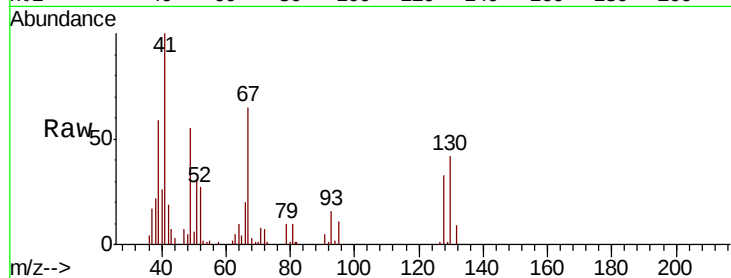




#41
Methacrylonitrile
Concen: 18.854 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN064120.D
Acq: 14 Oct 2020 18:32

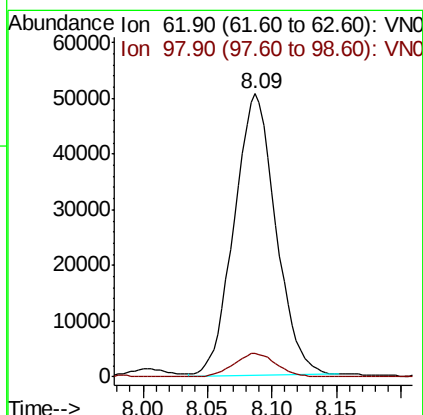
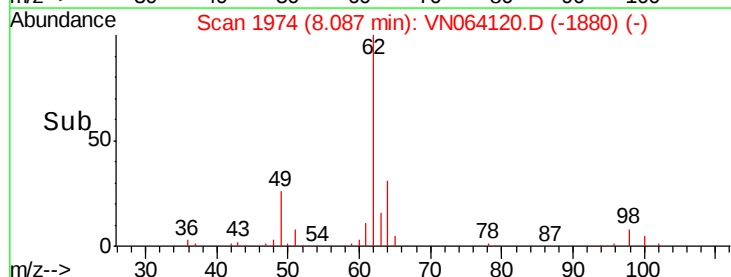
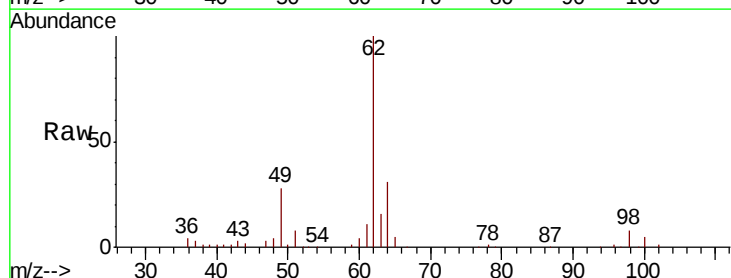
Instrument :
MSVOA_N
ClientSampleId :
VN1014WBS01

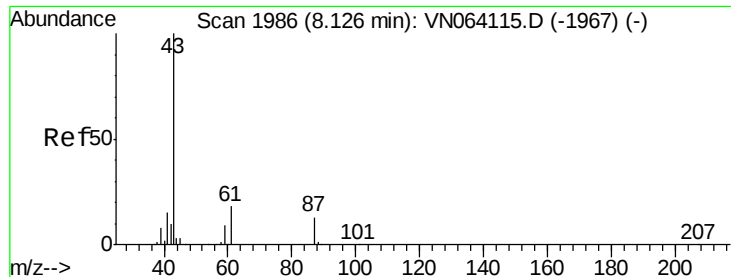
Tot Ion: 41 Resp: 42527
Ion Ratio Lower Upper
41 100
39 64.3 50.7 76.1
67 86.2 73.8 110.6
52 33.9 32.2 48.4



#42
1,2-Dichloroethane
Concen: 17.970 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064120.D
Acq: 14 Oct 2020 18:32

Tgt Ion: 62 Resp: 113670
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.6





#43

Isopropyl Acetate

Concen: 17.370 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

Instrument :

MSVOA_N

ClientSampleId :

VN1014WBS01

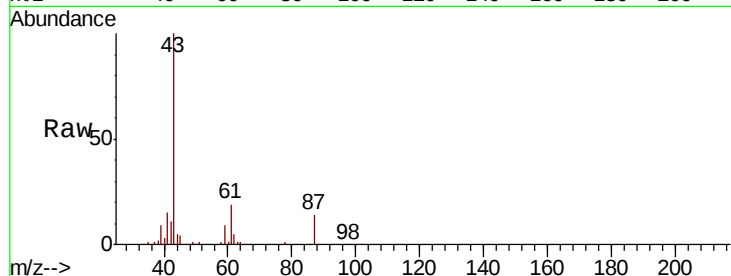
Tot Ion: 43 Resp: 150170

Ion Ratio Lower Upper

43 100

61 28.4 21.9 32.9

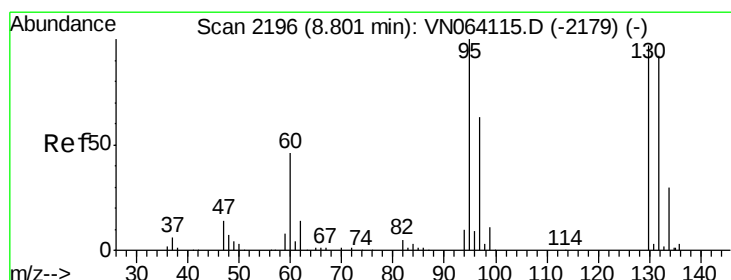
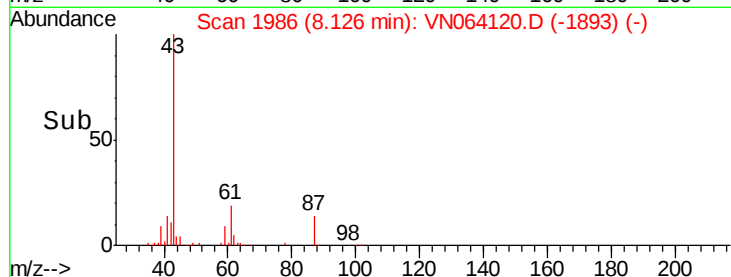
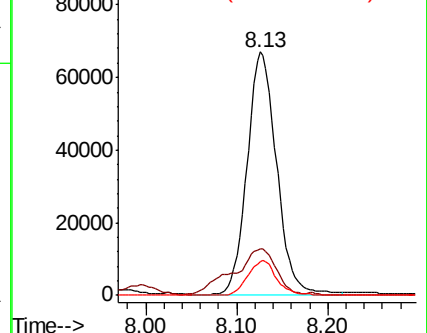
87 13.9 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN064120.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN064120.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN064120.D (-1967) (-)



#44

Trichloroethene

Concen: 17.992 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064120.D

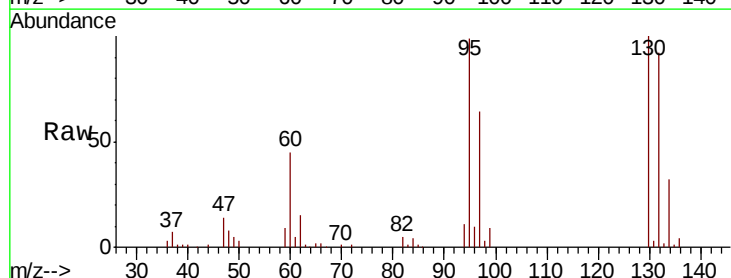
Acq: 14 Oct 2020 18:32

Tgt Ion:130 Resp: 84106

Ion Ratio Lower Upper

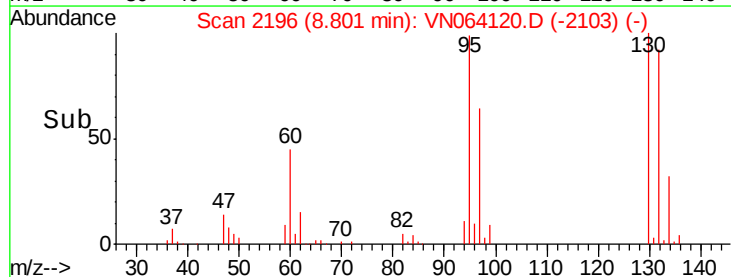
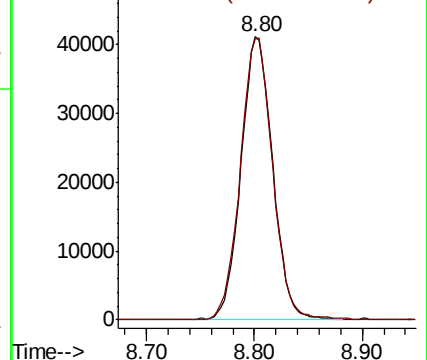
130 100

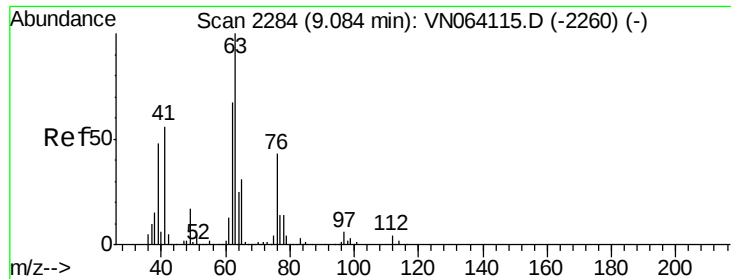
95 99.4 0.0 206.2



Abundance Ion 129.80 (129.50 to 130.50): VN064120.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN064120.D (-2179) (-)

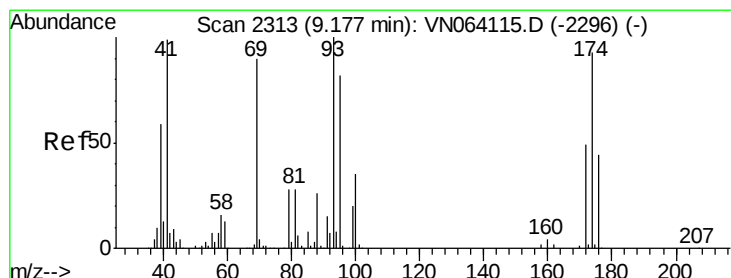
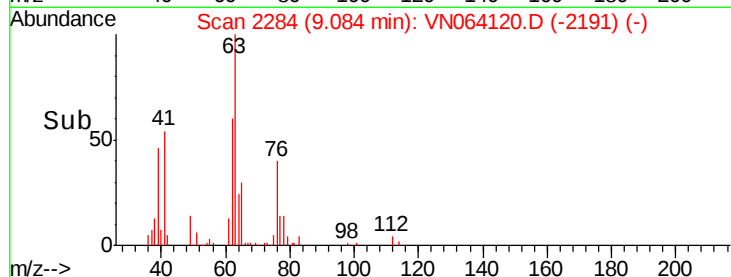
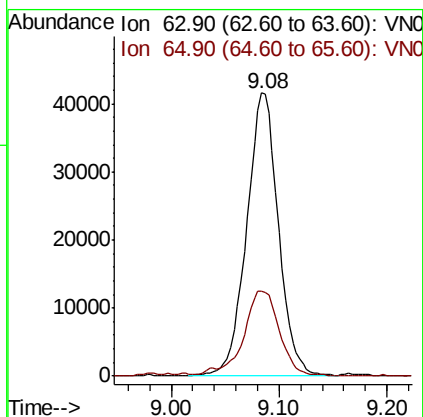
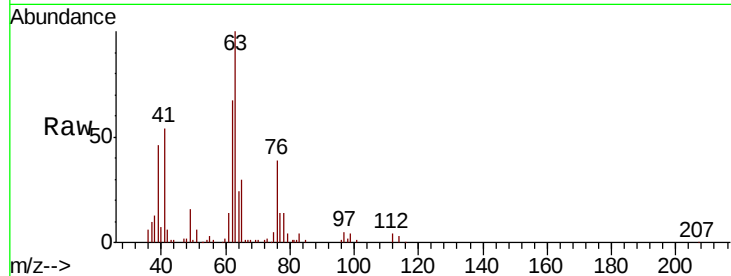




#45
 1,2-Dichloropropane
 Concen: 18.310 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064120.D
 Acq: 14 Oct 2020 18:32

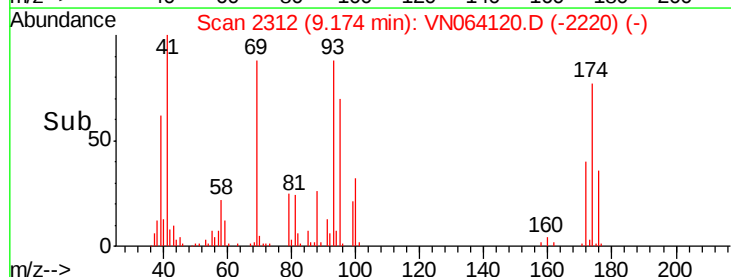
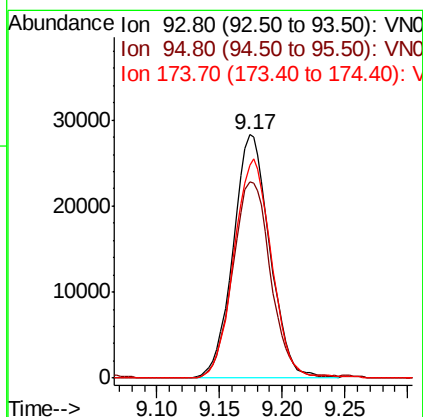
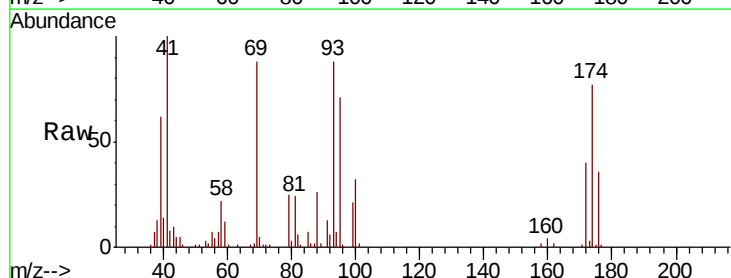
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1014WBS01

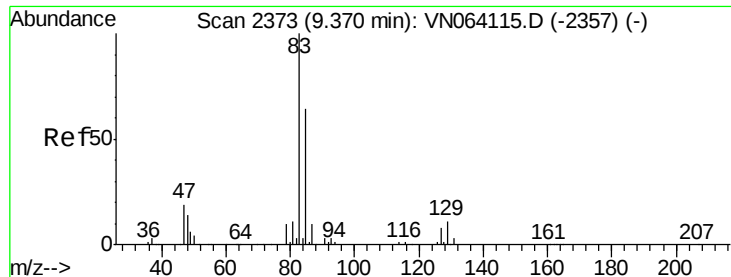
Tot Ion: 63 Resp: 85285
 Ion Ratio Lower Upper
 63 100
 65 30.1 25.0 37.6



#46
 Dibromomethane
 Concen: 17.452 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064120.D
 Acq: 14 Oct 2020 18:32

Tgt Ion: 93 Resp: 57670
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.8 100.2
 174 91.7 75.2 112.8





#47

Bromodichloromethane

Concen: 17.982 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

Instrument :

MSVOA_N

ClientSampleId :

VN1014WBS01

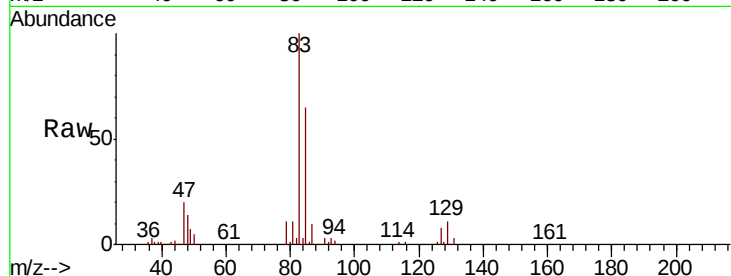
Tot Ion: 83 Resp: 116261

Ion Ratio Lower Upper

83 100

85 64.6 50.8 76.2

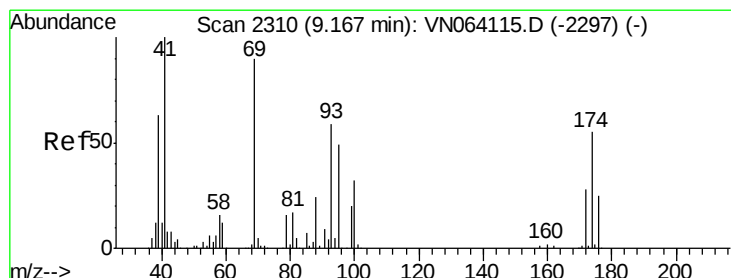
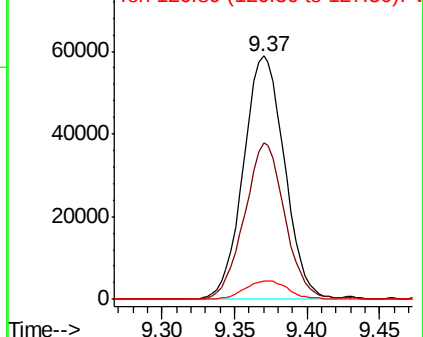
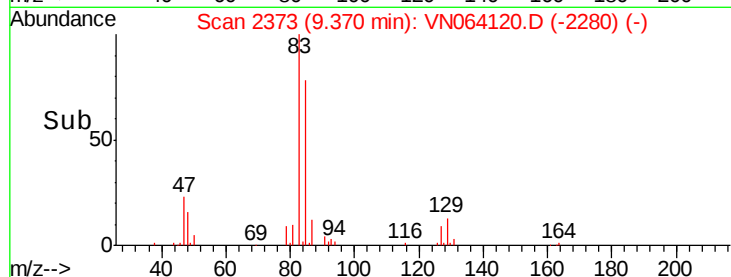
127 7.6 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN064120.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064120.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064120.D (-2280) (-)



#48

Methyl methacrylate

Concen: 17.555 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

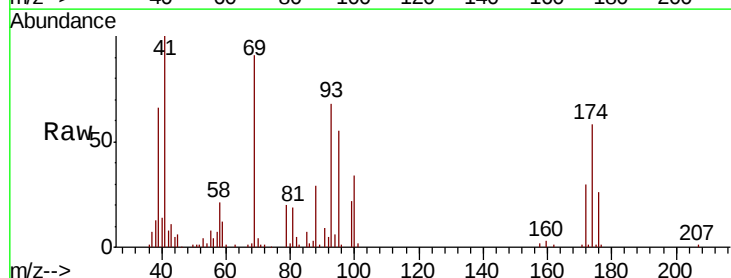
Tgt Ion: 41 Resp: 70107

Ion Ratio Lower Upper

41 100

69 88.1 71.4 107.2

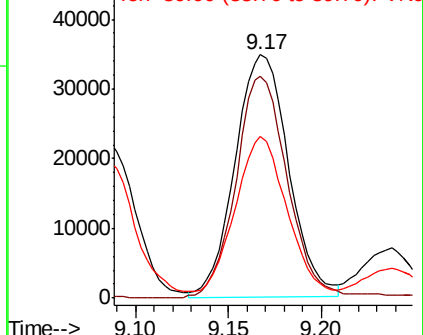
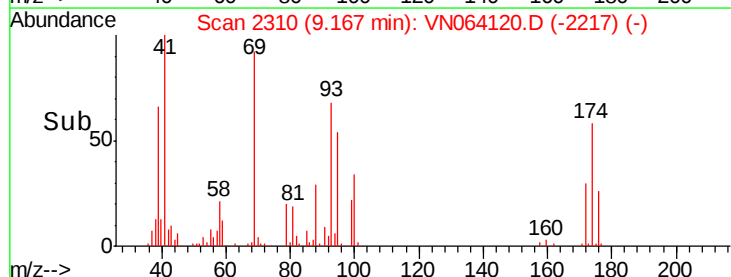
39 63.6 52.5 78.7

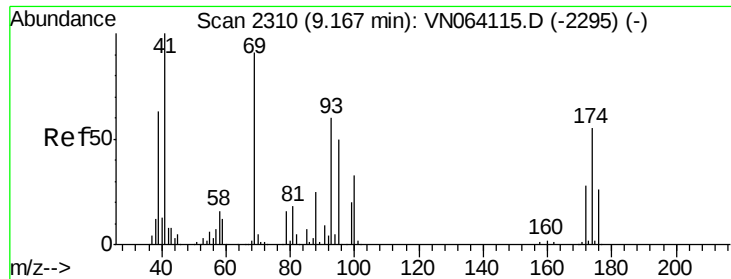


Abundance Ion 41.00 (40.70 to 41.70): VN064120.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064120.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064120.D (-2217) (-)

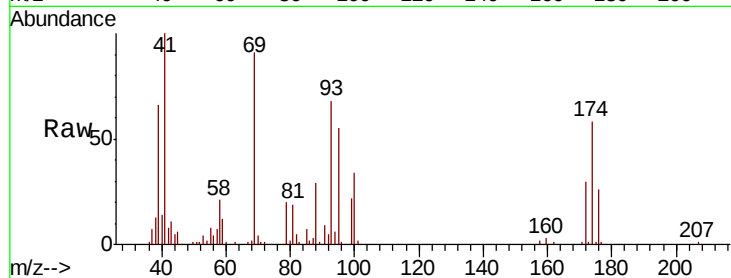




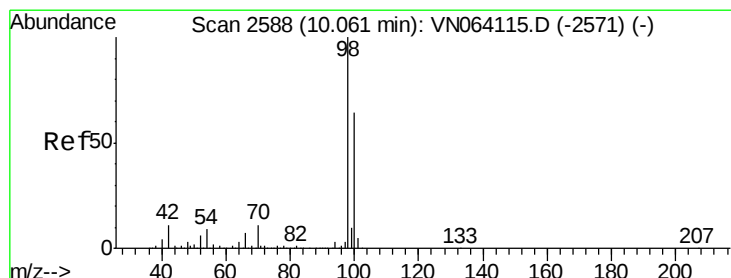
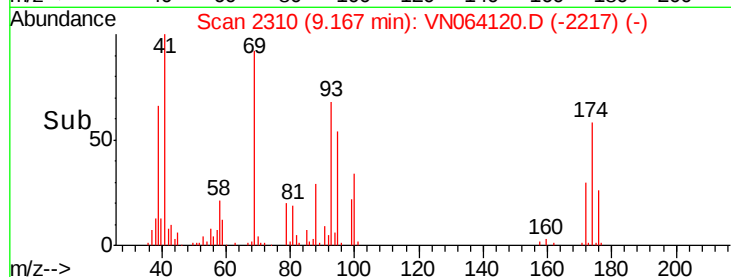
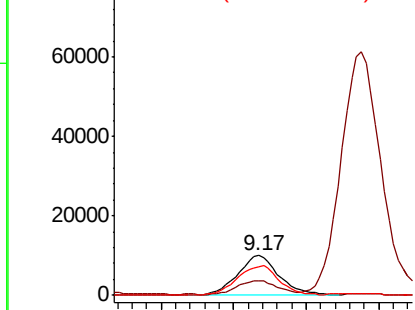
#49
 1,4-Dioxane
 Concen: 331.576 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064120.D
 Acq: 14 Oct 2020 18:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1014WBS01

Tot Ion: 88 Resp: 20107
 Ion Ratio Lower Upper
 88 100
 43 32.8 27.2 40.8
 58 74.3 52.6 78.8

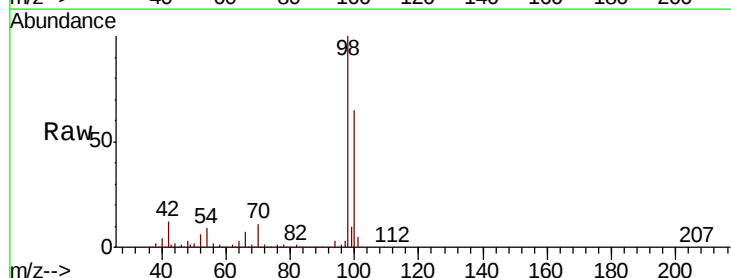


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

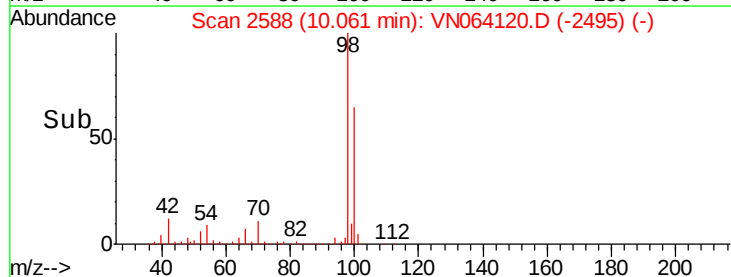
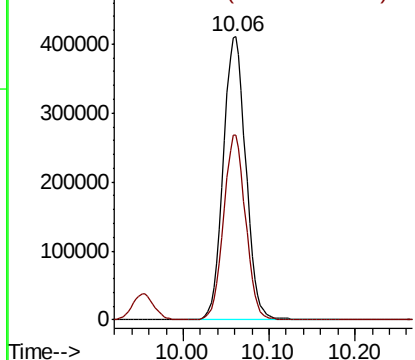


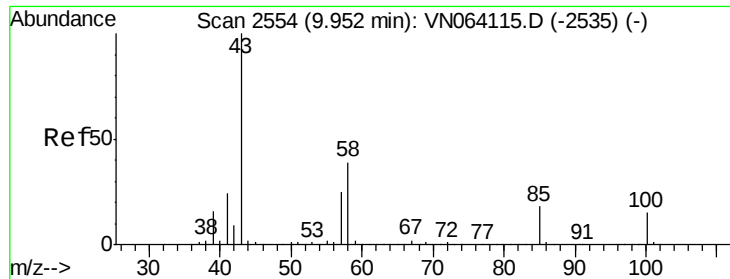
#50
 Toluene-d8
 Concen: 47.118 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN064120.D
 Acq: 14 Oct 2020 18:32

Tgt Ion: 98 Resp: 749463
 Ion Ratio Lower Upper
 98 100
 100 63.5 50.8 76.2



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





#51

4-Methyl-2-Pentanone

Concen: 89.331 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

Instrument :

MSVOA_N

ClientSampled :

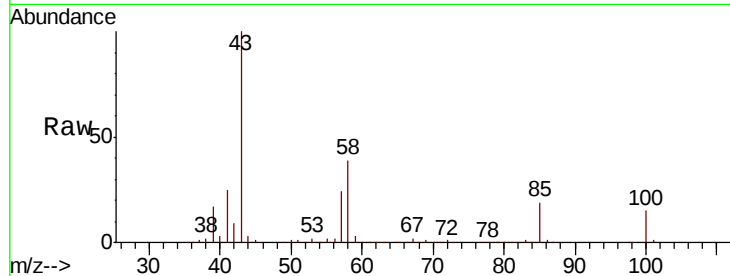
VN1014WBS01

Tot Ion: 43 Resp: 457003

Ion Ratio Lower Upper

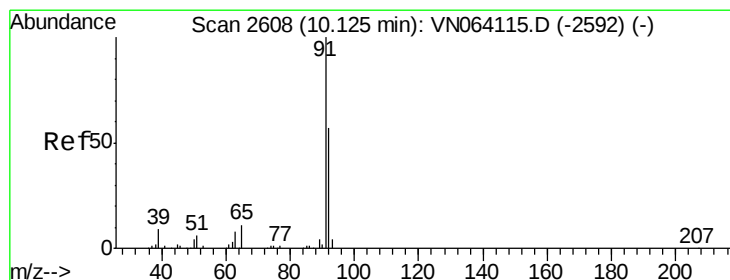
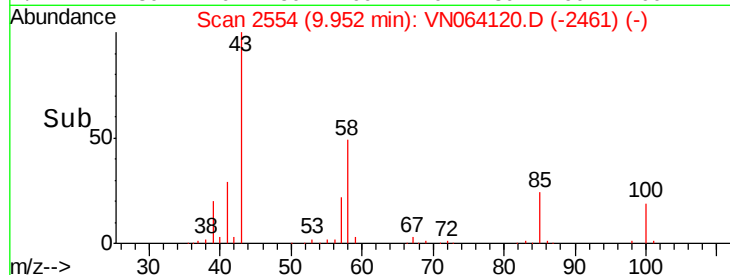
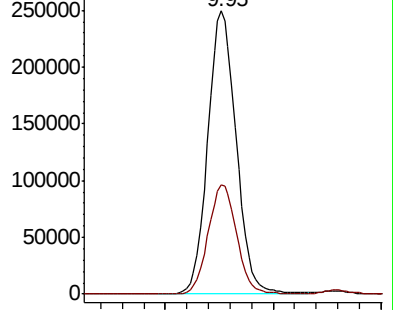
43 100

58 38.8 31.2 46.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.234 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064120.D

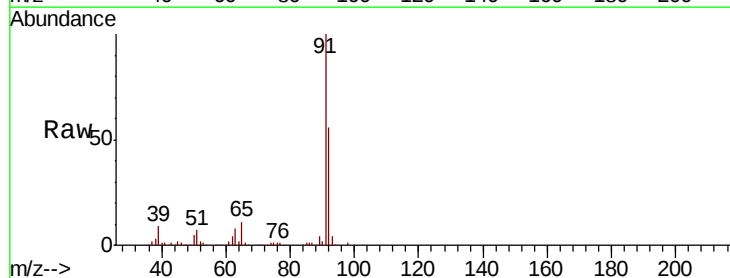
Acq: 14 Oct 2020 18:32

Tgt Ion: 92 Resp: 199175

Ion Ratio Lower Upper

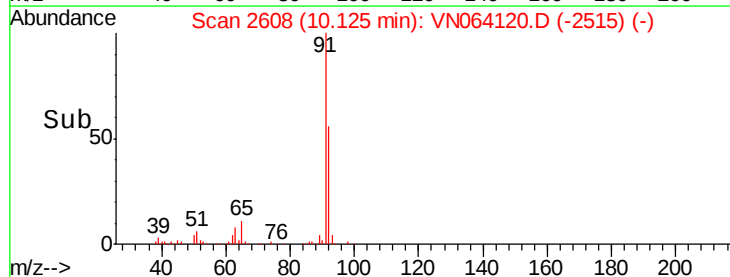
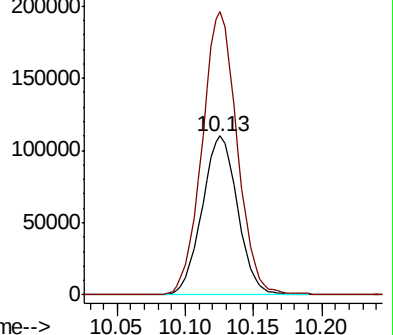
92 100

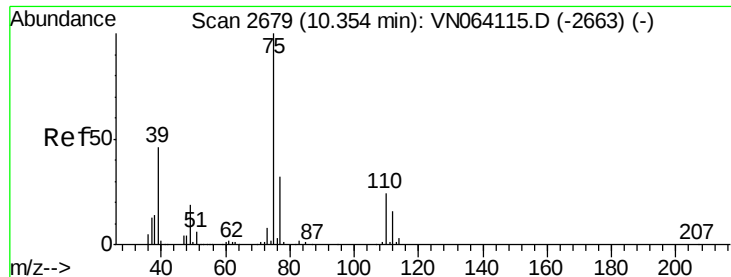
91 175.8 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 17.612 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

Instrument :

MSVOA_N

ClientSampleId :

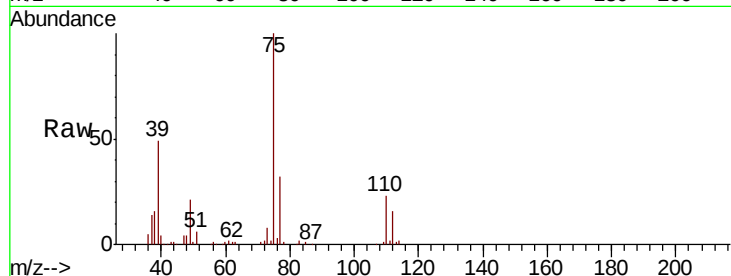
VN1014WBS01

Tot Ion: 75 Resp: 116832

Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VN064120.D (-2586) (-)

Ion 76.90 (76.60 to 77.60): VN064120.D (-2586) (-)

10.35

60000

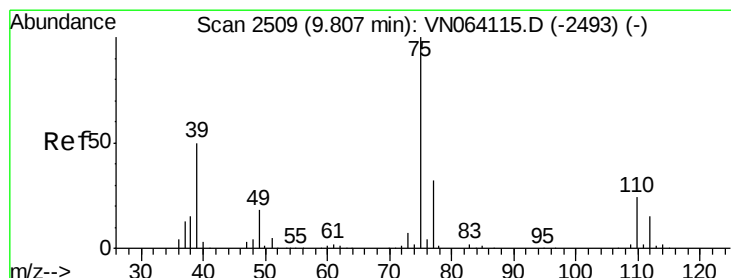
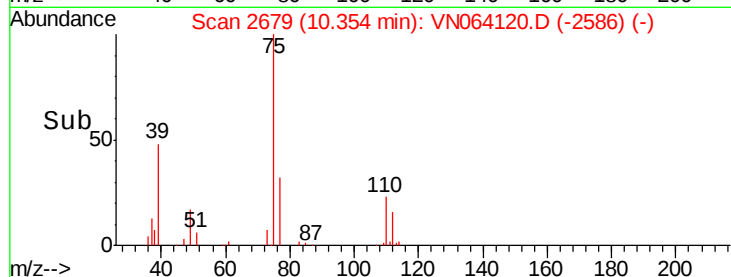
40000

20000

0

10.30 10.40

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.228 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

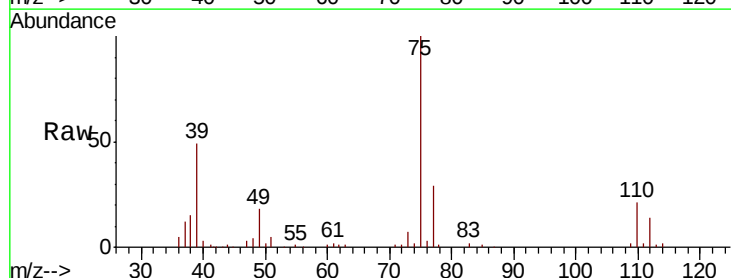
Tgt Ion: 75 Resp: 132861

Ion Ratio Lower Upper

75 100

77 28.8 25.2 37.8

39 48.7 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VN064120.D (-2416) (-)

Ion 76.90 (76.60 to 77.60): VN064120.D (-2416) (-)

Ion 39.00 (38.70 to 39.70): VN064120.D (-2416) (-)

9.81

100000

80000

60000

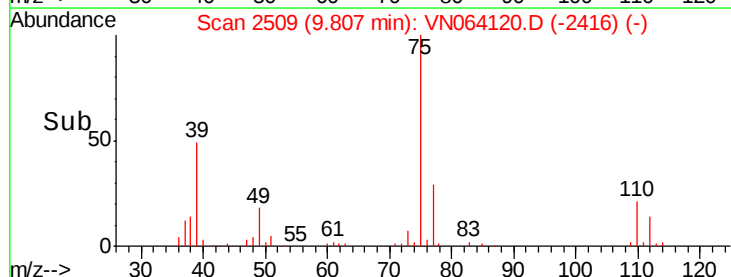
40000

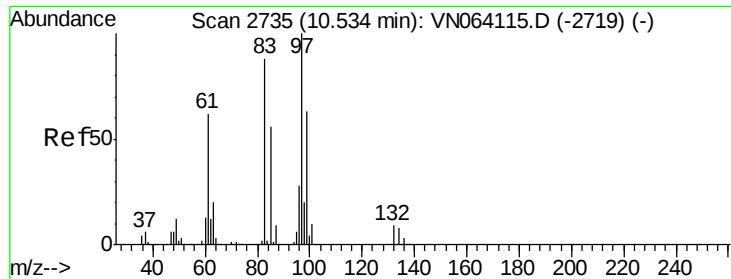
20000

0

9.75 9.80 9.85 9.90

Time-->





#55

1,1,2-Trichloroethane

Concen: 17.417 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

Instrument :

MSVOA_N

ClientSampleId :

VN1014WBS01

Tot Ion: 97 Resp: 78818

Ion	Ratio	Lower	Upper
97	100		
83	90.9	70.2	105.4
85	57.8	45.0	67.6
99	64.9	50.7	76.1

Abundance

Ion 96.90 (96.60 to 97.60): VN0

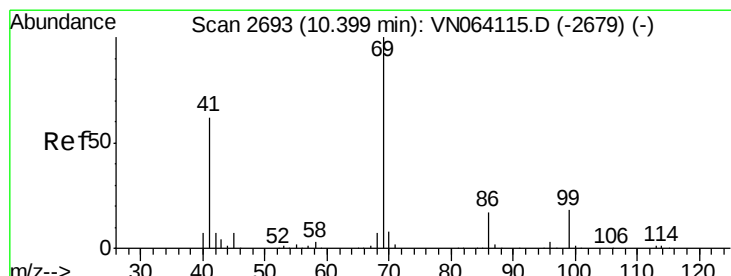
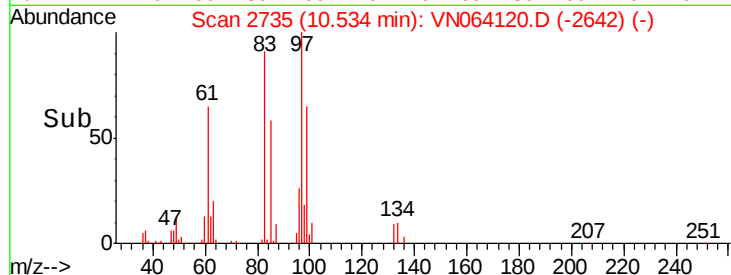
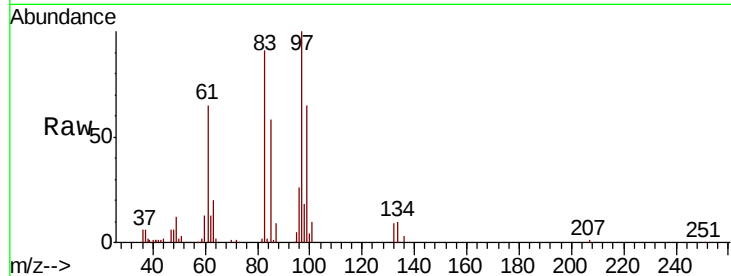
Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

10.53

Time-->



#56

Ethyl methacrylate

Concen: 17.308 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

Tgt Ion: 69 Resp: 103154

Ion	Ratio	Lower	Upper
69	100		
41	63.1	49.3	73.9
39	38.6	32.7	49.1

Abundance

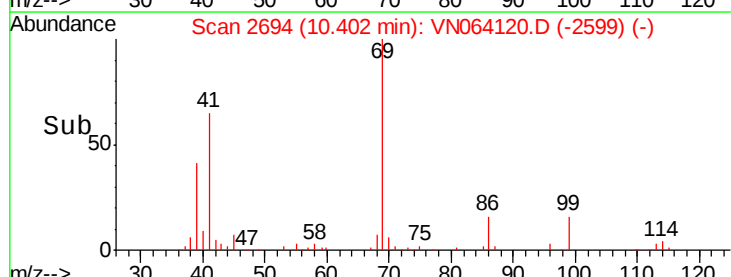
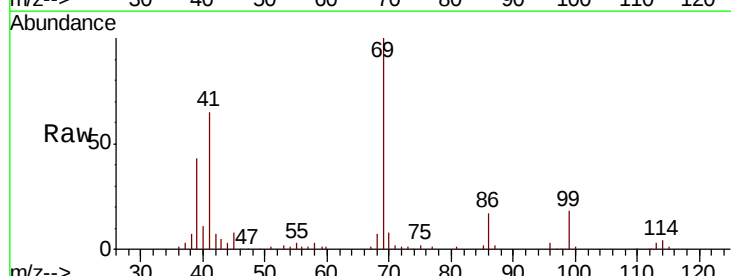
Ion 69.00 (68.70 to 69.70): VN0

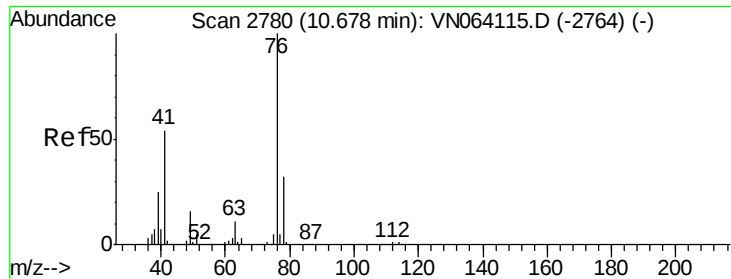
Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

10.40

Time-->

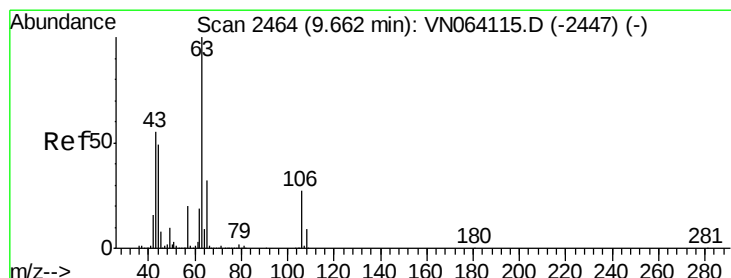
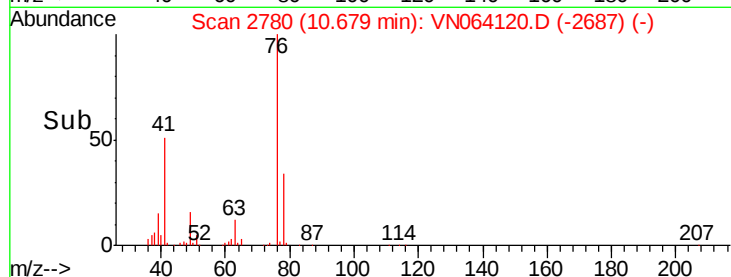
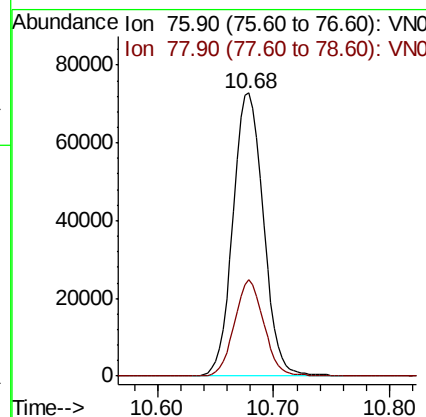
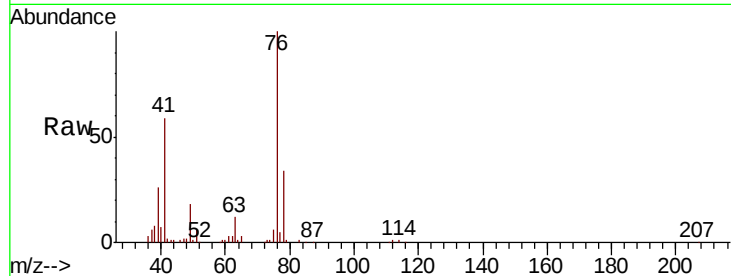




#57
 1,3-Dichloropropane
 Concen: 17.823 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064120.D
 Acq: 14 Oct 2020 18:32

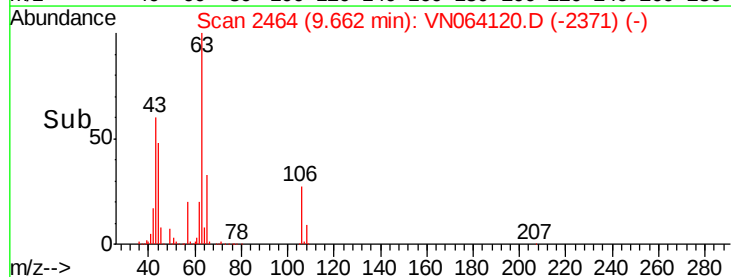
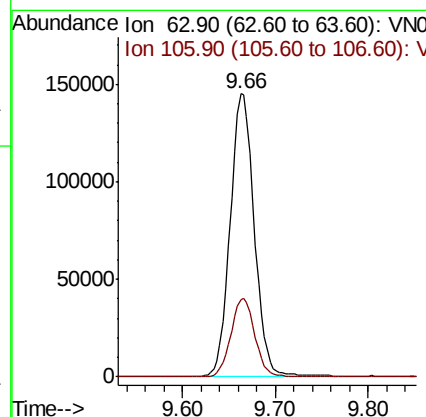
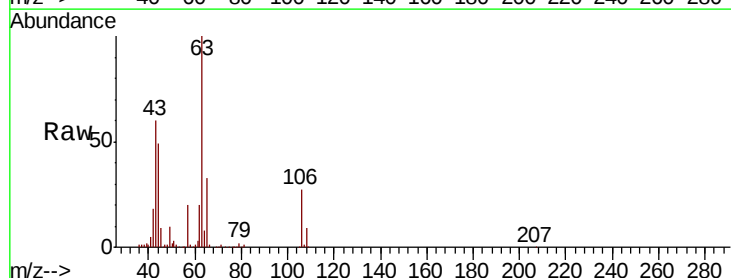
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1014WBS01

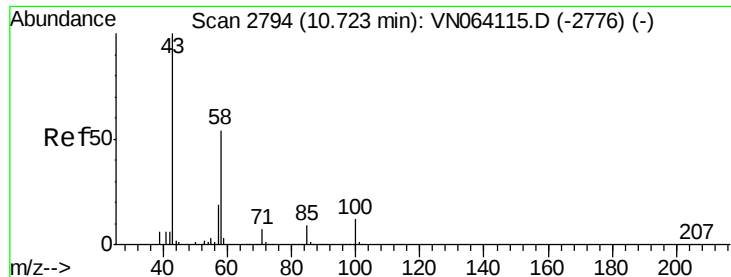
Tot Ion: 76 Resp: 132829
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 87.008 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064120.D
 Acq: 14 Oct 2020 18:32

Tgt Ion: 63 Resp: 262210
 Ion Ratio Lower Upper
 63 100
 106 27.5 21.8 32.6

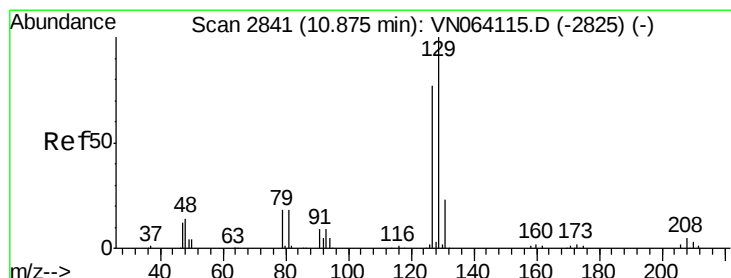
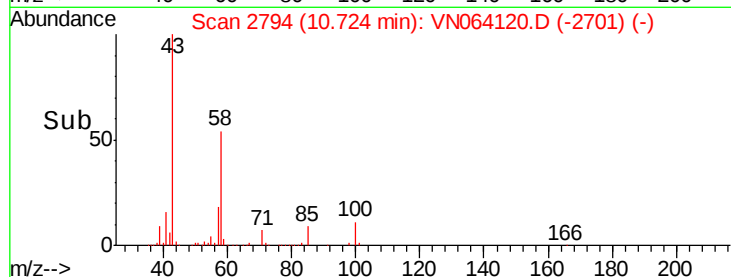
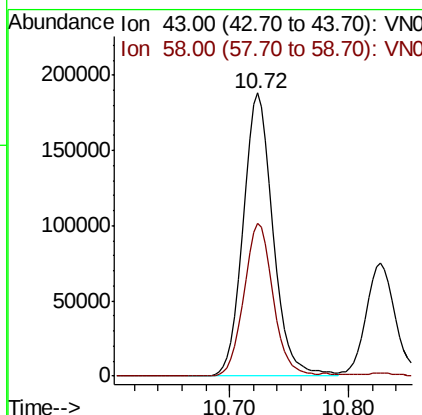
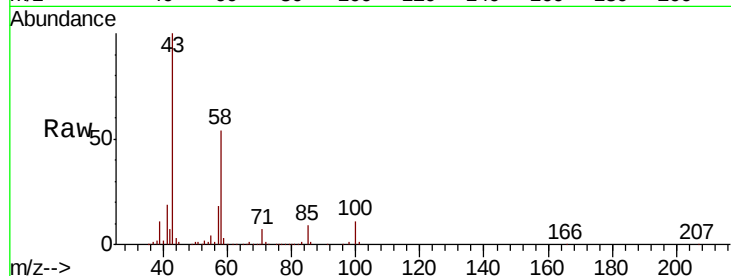




#59
2-Hexanone
Concen: 86.816 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064120.D
Acq: 14 Oct 2020 18:32

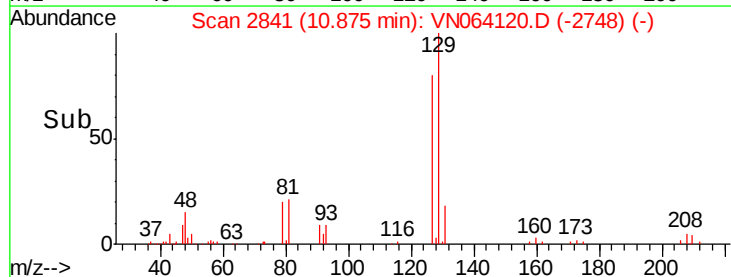
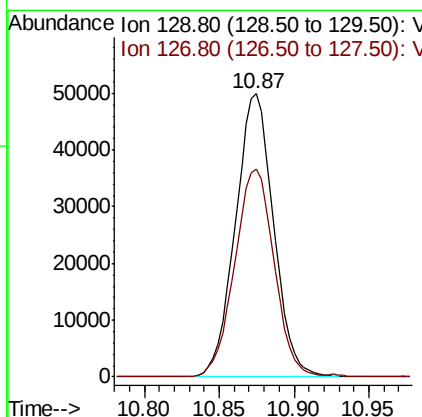
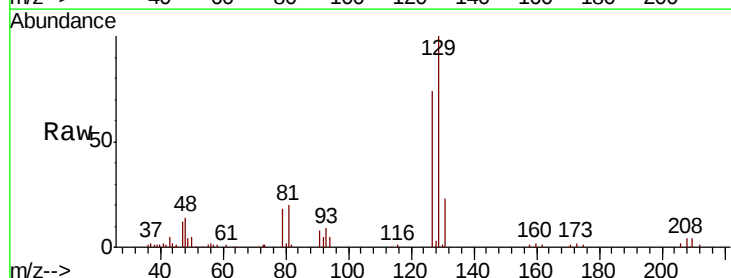
Instrument :
MSVOA_N
ClientSampleId :
VN1014WBS01

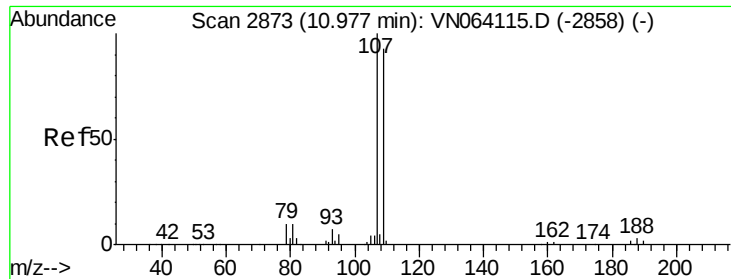
Tot Ion: 43 Resp: 325152
Ion Ratio Lower Upper
43 100
58 53.0 27.2 81.6



#60
Dibromochloromethane
Concen: 17.455 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064120.D
Acq: 14 Oct 2020 18:32

Tgt Ion: 129 Resp: 88728
Ion Ratio Lower Upper
129 100
127 75.8 38.2 114.6

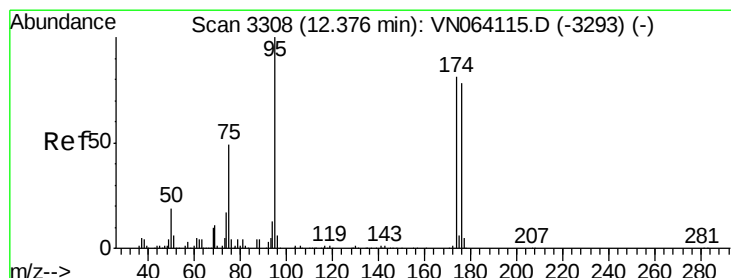
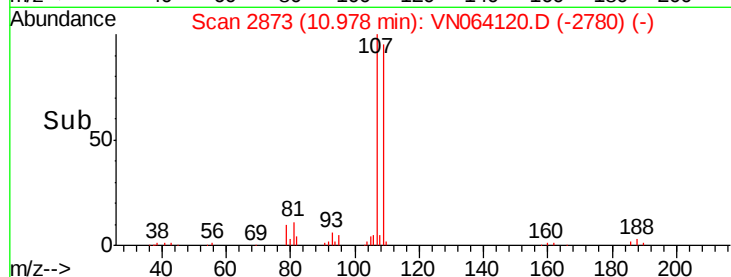
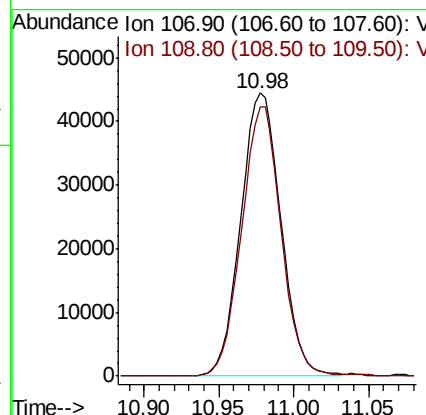
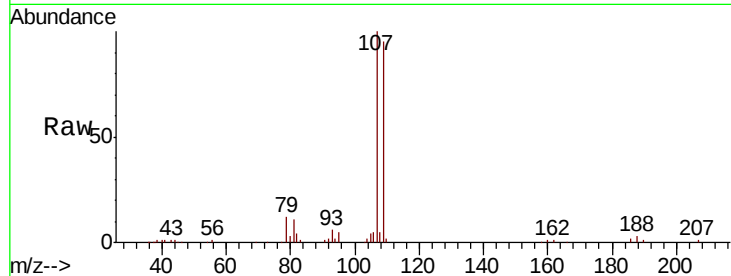




#61
 1,2-Dibromoethane
 Concen: 18.042 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064120.D
 Acq: 14 Oct 2020 18:32

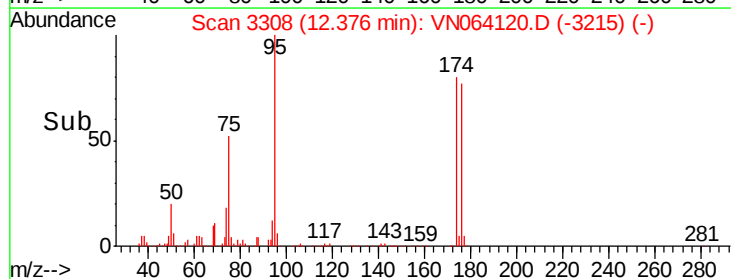
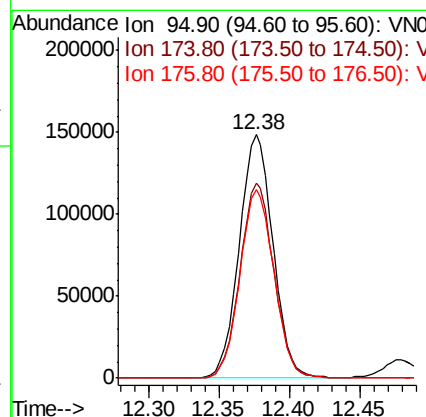
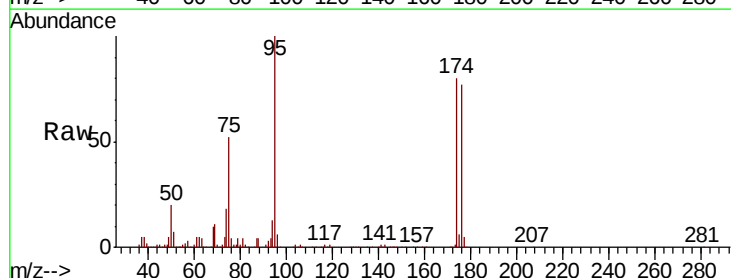
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1014WBS01

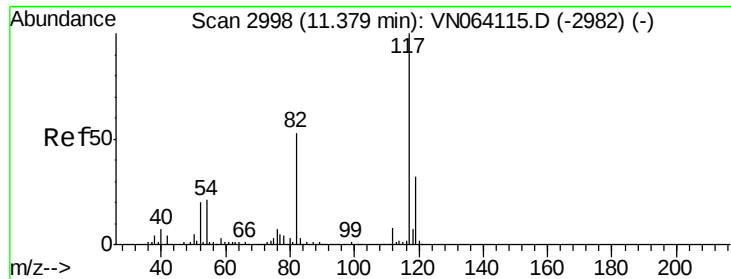
Tot Ion:107 Resp: 83102
 Ion Ratio Lower Upper
 107 100
 109 93.4 75.2 112.8



#62
 4-Bromofluorobenzene
 Concen: 45.602 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064120.D
 Acq: 14 Oct 2020 18:32

Tgt Ion: 95 Resp: 249324
 Ion Ratio Lower Upper
 95 100
 174 80.5 0.0 164.8
 176 78.3 0.0 157.8

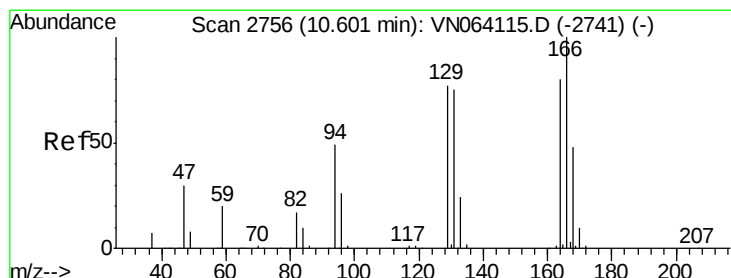
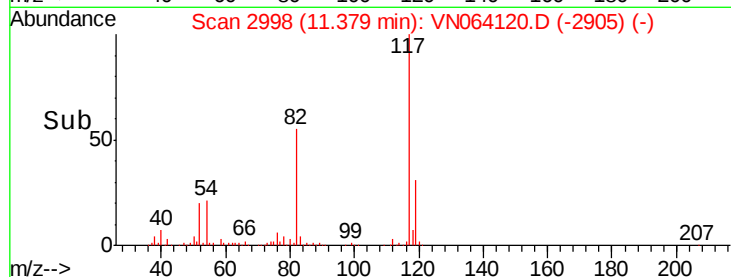
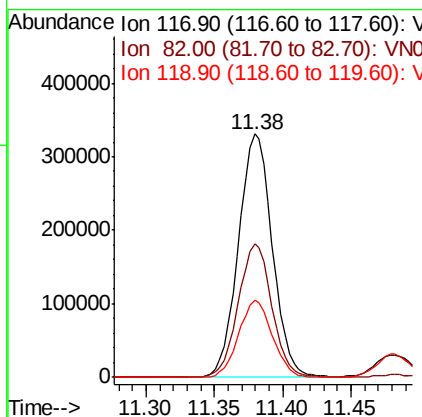
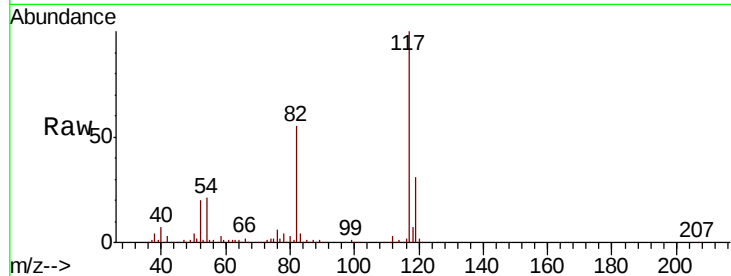




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064120.D
Acq: 14 Oct 2020 18:32

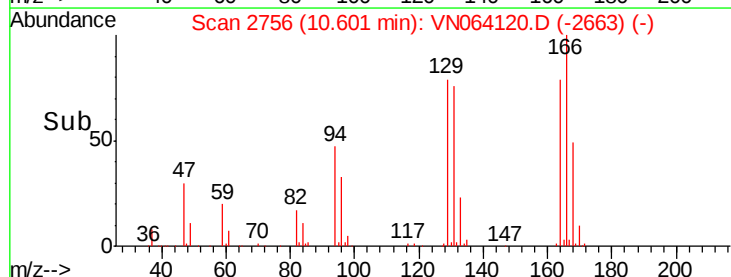
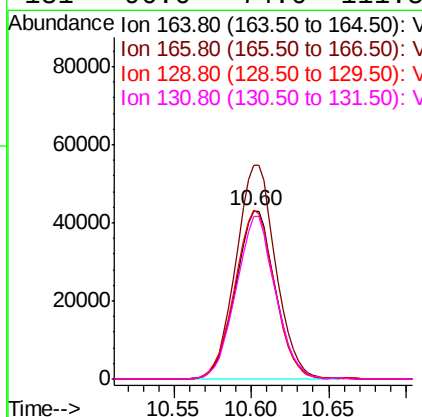
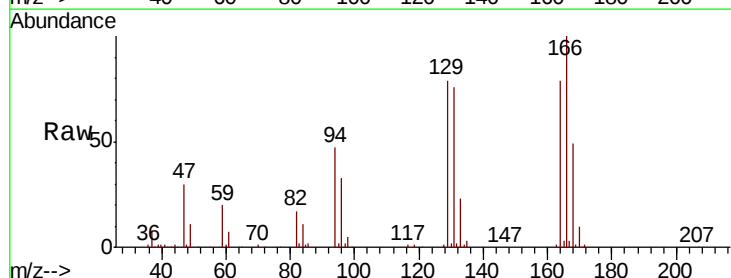
Instrument :
MSVOA_N
ClientSampleId :
VN1014WBS01

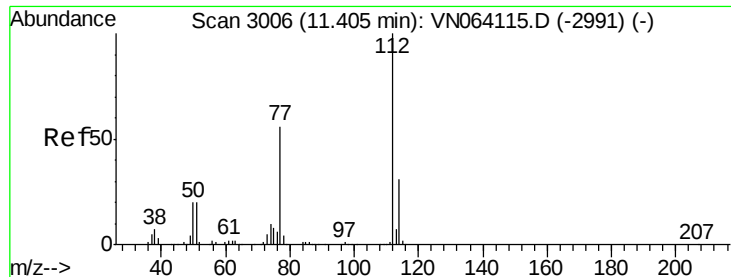
Tot Ion:117 Resp: 570919
Ion Ratio Lower Upper
117 100
82 54.6 42.6 63.8
119 31.5 25.5 38.3



#64
Tetrachloroethene
Concen: 17.837 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064120.D
Acq: 14 Oct 2020 18:32

Tgt Ion:164 Resp: 76778
Ion Ratio Lower Upper
164 100
166 126.9 99.7 149.5
129 100.3 77.0 115.4
131 96.6 74.6 111.8





#65

Chlorobenzene

Concen: 17.707 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

Instrument :

MSVOA_N

ClientSampled :

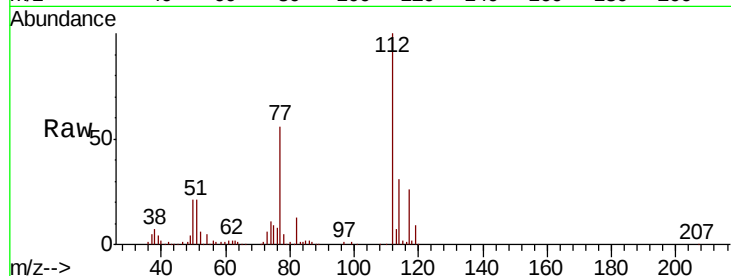
VN1014WBS01

Tot Ion:112 Resp: 212883

Ion Ratio Lower Upper

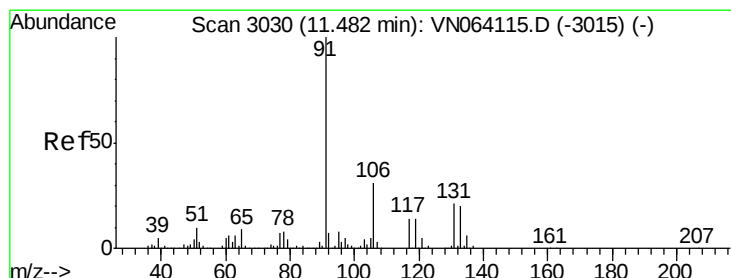
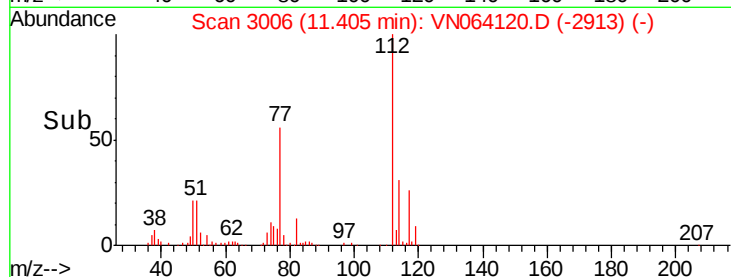
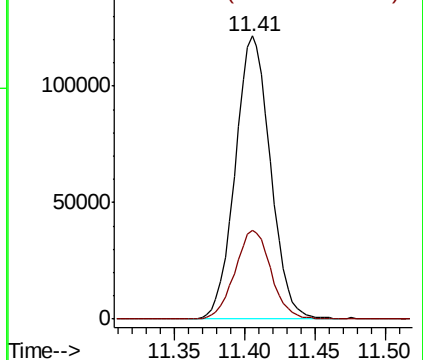
112 100

114 31.4 24.6 37.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.401 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

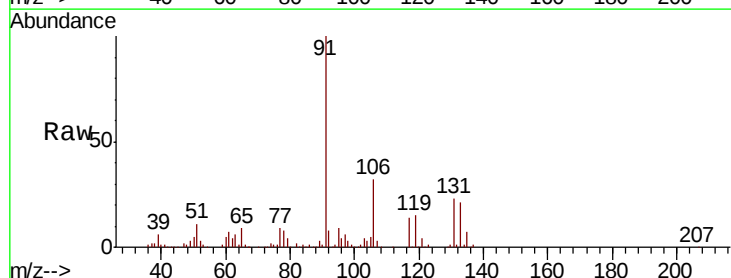
Tgt Ion:131 Resp: 83993

Ion Ratio Lower Upper

131 100

133 90.7 47.3 141.9

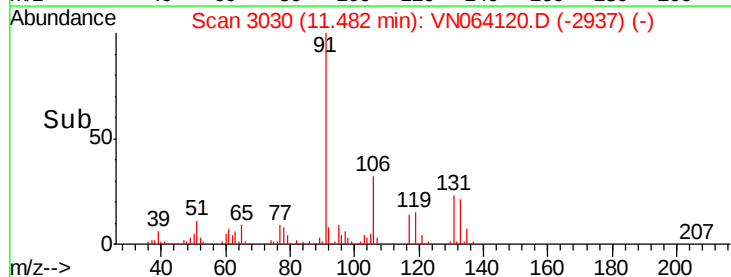
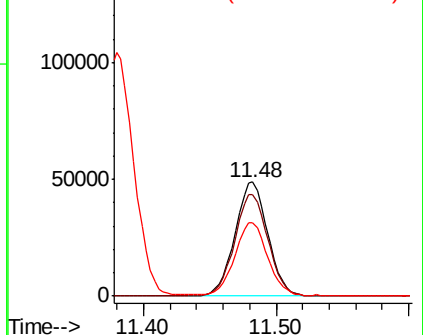
119 63.8 32.8 98.4

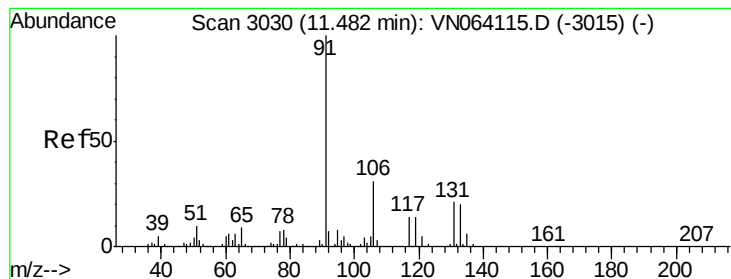


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.203 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

Instrument :

MSVOA_N

ClientSampleId :

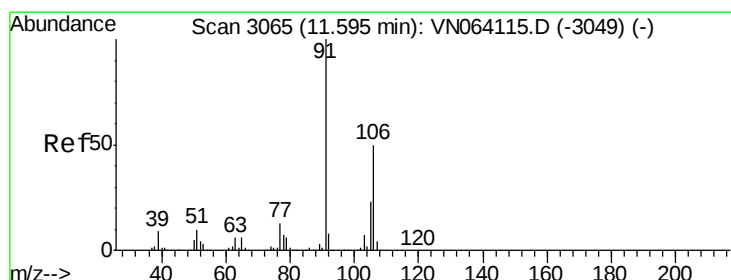
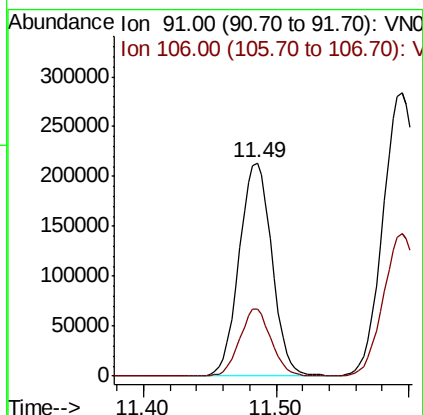
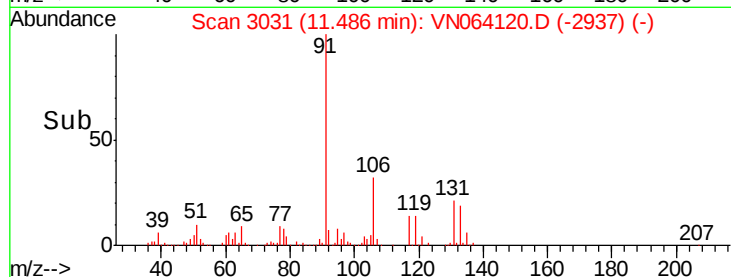
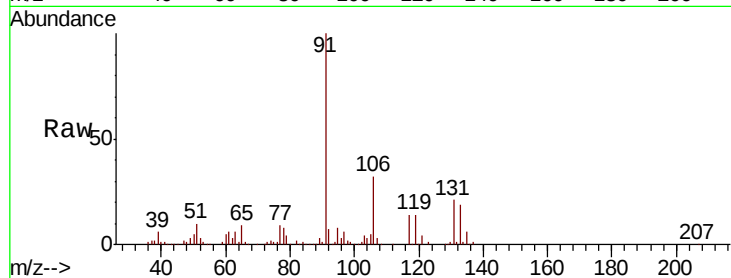
VN1014WBS01

Tot Ion: 91 Resp: 366606

Ion Ratio Lower Upper

91 100

106 31.6 24.7 37.1



#68

m/p-Xylenes

Concen: 34.982 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN064120.D

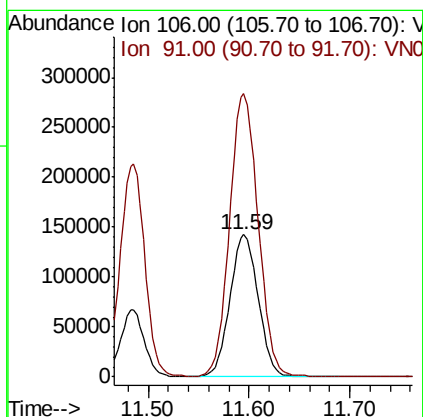
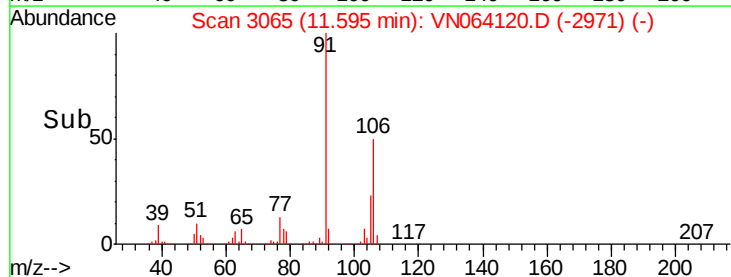
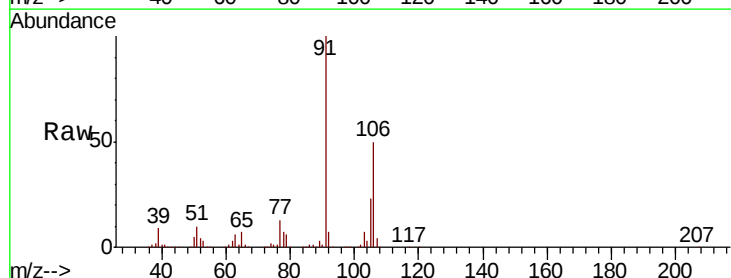
Acq: 14 Oct 2020 18:32

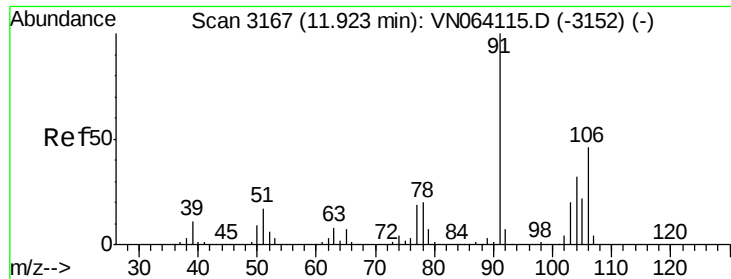
Tgt Ion: 106 Resp: 278342

Ion Ratio Lower Upper

106 100

91 200.3 162.1 243.1

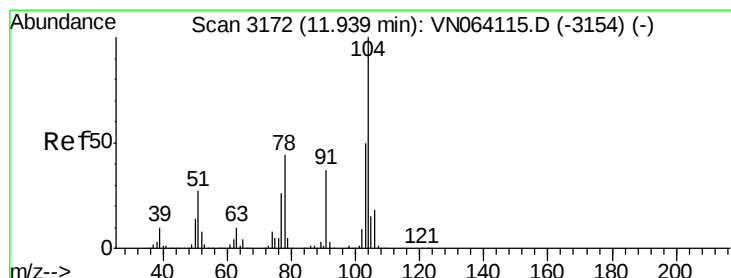
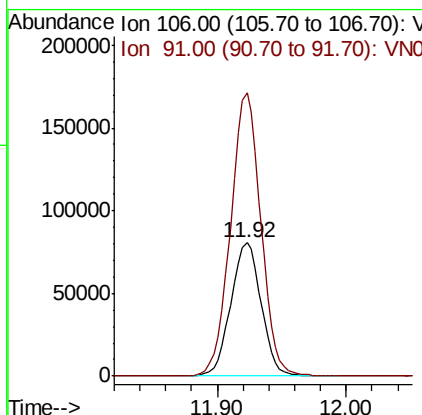
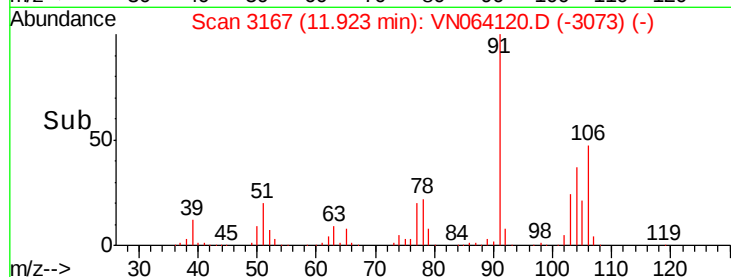
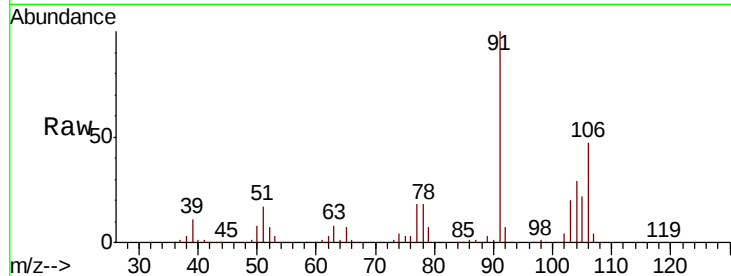




#69
o-Xylene
Concen: 17.652 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064120.D
Acq: 14 Oct 2020 18:32

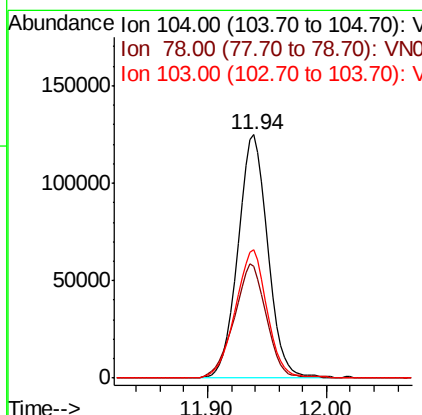
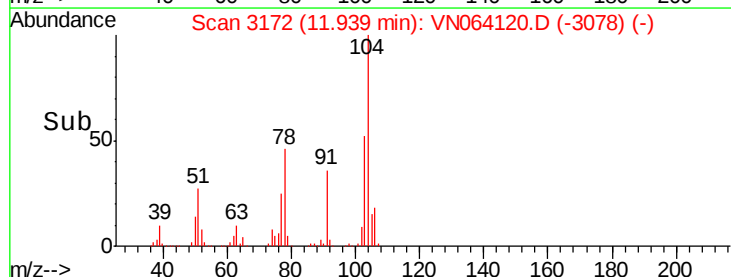
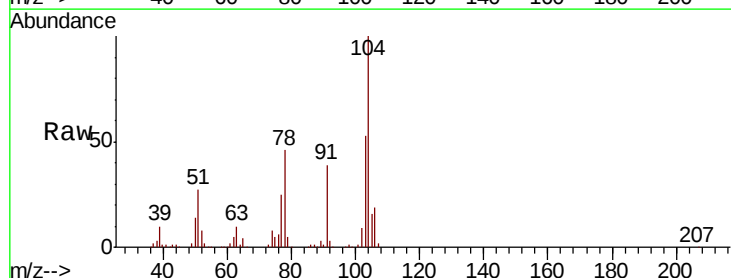
Instrument :
MSVOA_N
ClientSampled :
VN1014WBS01

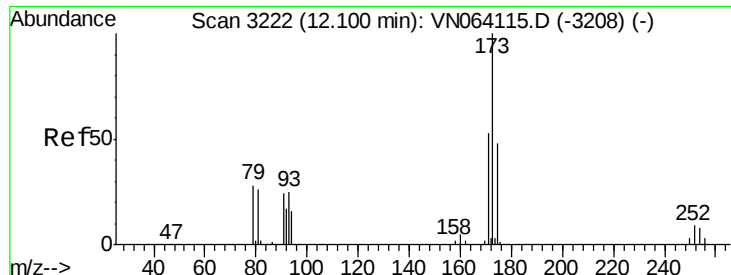
Tot Ion:106 Resp: 131839
Ion Ratio Lower Upper
106 100
91 211.7 107.6 322.8



#70
Styrene
Concen: 17.251 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064120.D
Acq: 14 Oct 2020 18:32

Tgt Ion:104 Resp: 217277
Ion Ratio Lower Upper
104 100
78 50.3 39.7 59.5
103 56.4 44.2 66.2





#71

Bromoform

Concen: 17.170 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

Instrument :

MSVOA_N

ClientSampleId :

VN1014WBS01

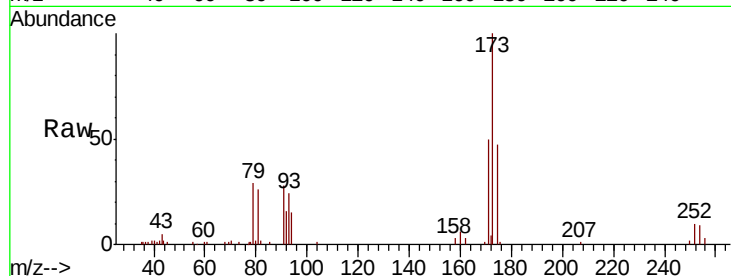
Tot Ion:173 Resp: 59131

Ion Ratio Lower Upper

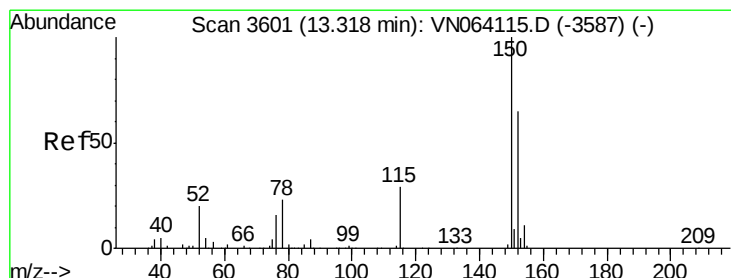
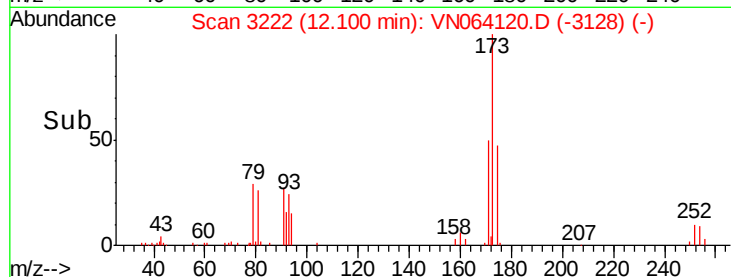
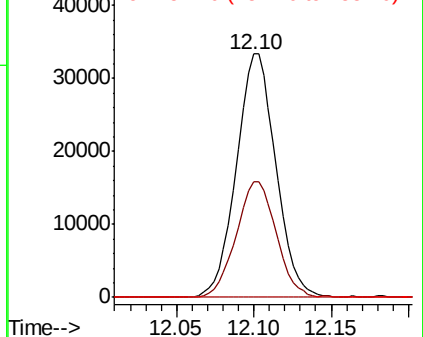
173 100

175 47.9 23.4 70.2

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

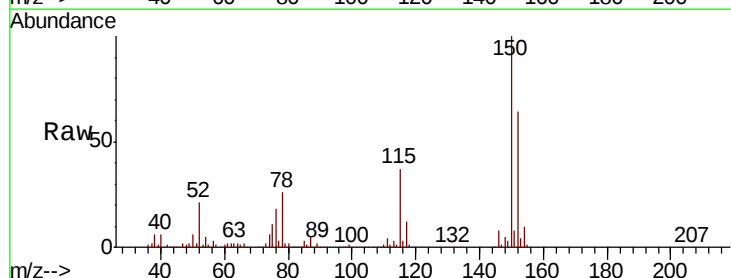
Tgt Ion:152 Resp: 254383

Ion Ratio Lower Upper

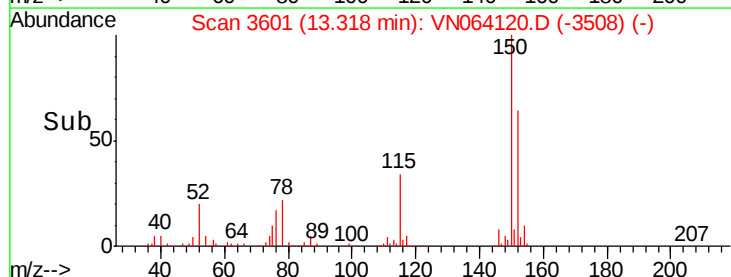
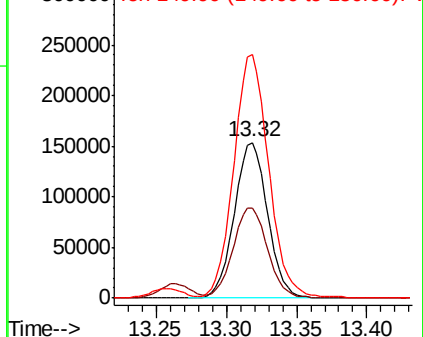
152 100

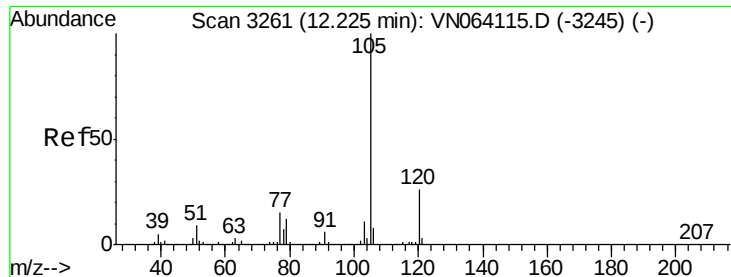
115 59.8 29.3 87.8

150 163.6 0.0 346.0



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





#73

Isopropylbenzene

Concen: 18.543 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

Instrument :

MSVOA_N

ClientSampleId :

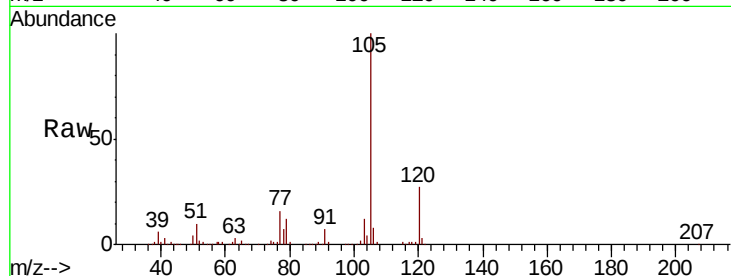
VN1014WBS01

Tot Ion:105 Resp: 341685

Ion Ratio Lower Upper

105 100

120 27.0 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

200000

150000

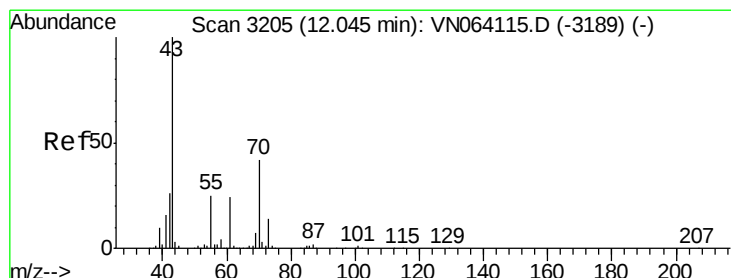
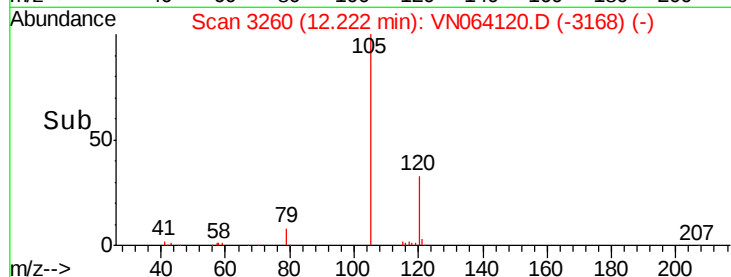
100000

50000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 17.006 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

Tgt Ion: 43 Resp: 117349

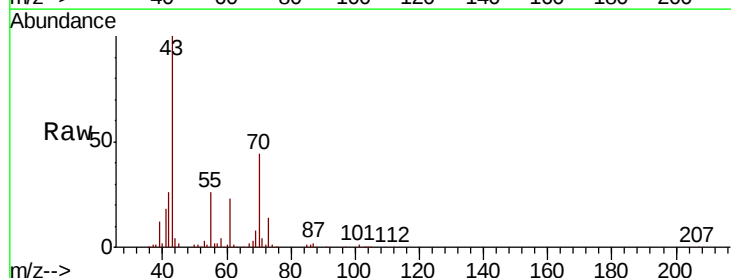
Ion Ratio Lower Upper

43 100

70 44.6 33.2 49.8

55 26.4 19.9 29.9

61 24.3 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

100000

80000

60000

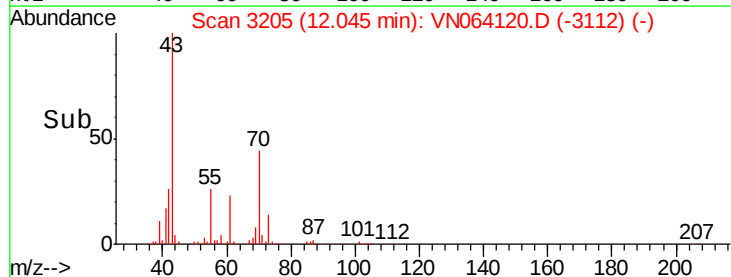
40000

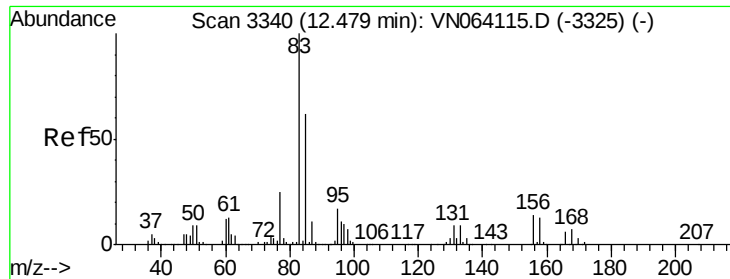
20000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 17.342 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

Instrument :

MSVOA_N

ClientSampled :

VN1014WBS01

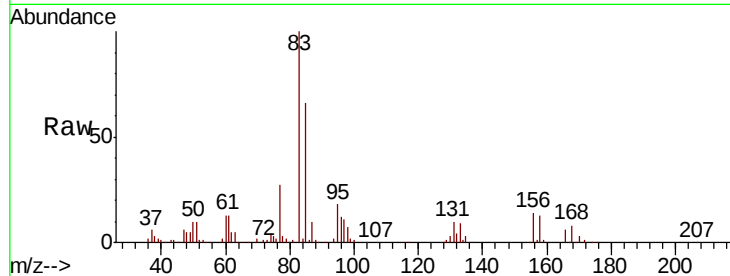
Tot Ion: 83 Resp: 110020

Ion Ratio Lower Upper

83 100

131 10.7 5.0 15.0

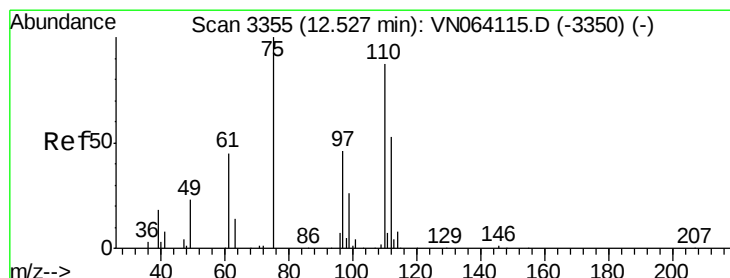
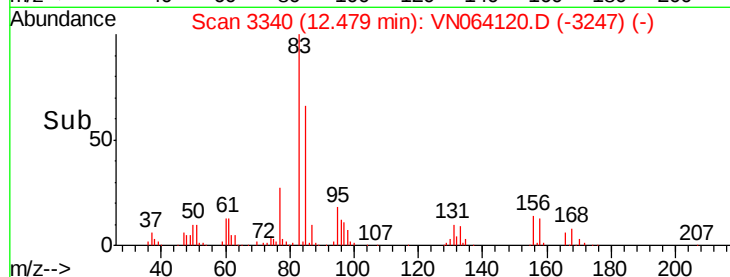
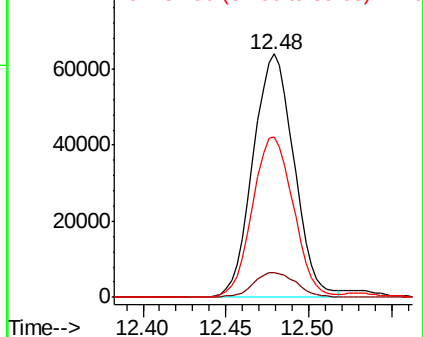
85 65.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN064120.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN064120.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN064120.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 23.554 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064120.D

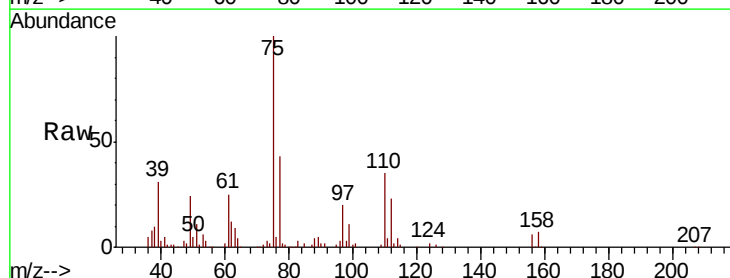
Acq: 14 Oct 2020 18:32

Tgt Ion: 75 Resp: 140572

Ion Ratio Lower Upper

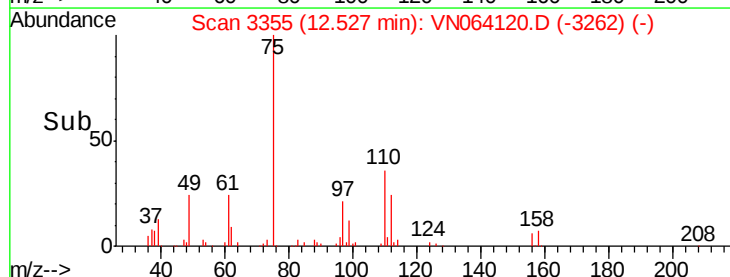
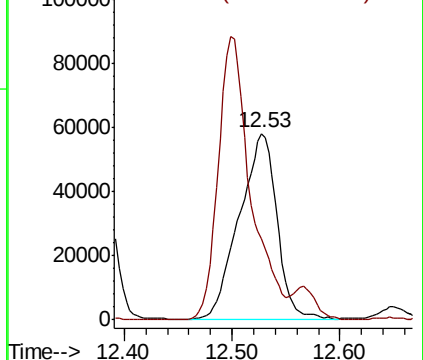
75 100

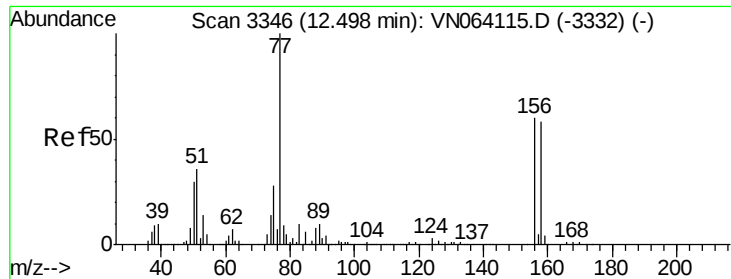
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064120.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN064120.D (-3262) (-)





#77

Bromobenzene

Concen: 18.368 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

Instrument :

MSVOA_N

ClientSampled :

VN1014WBS01

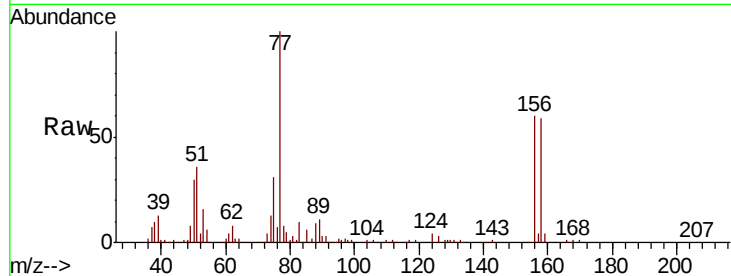
Tot Ion:156 Resp: 91884

Ion Ratio Lower Upper

156 100

77 201.5 99.3 297.9

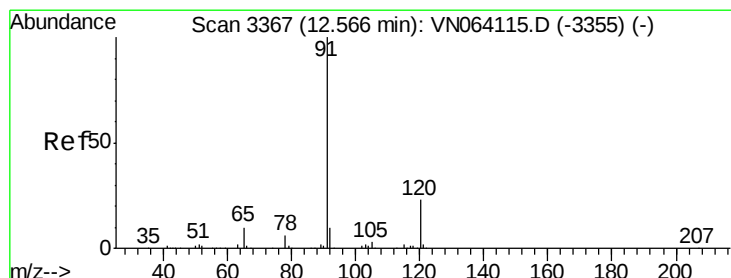
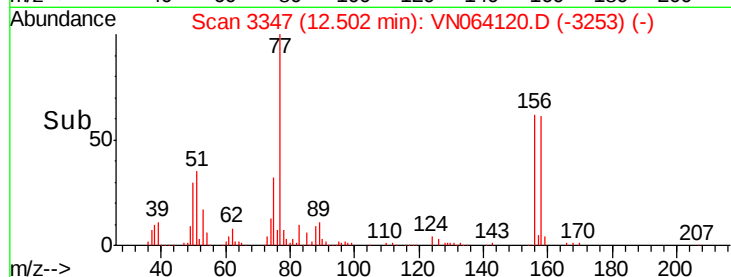
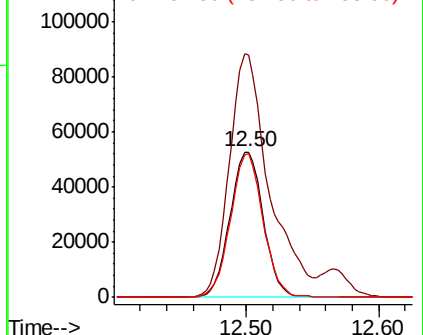
158 96.7 48.6 145.9



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: 18.740 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064120.D

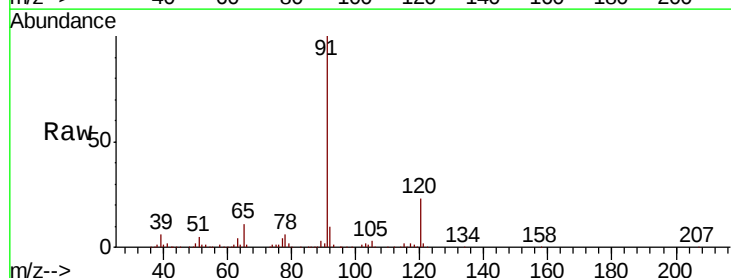
Acq: 14 Oct 2020 18:32

Tgt Ion: 91 Resp: 385415

Ion Ratio Lower Upper

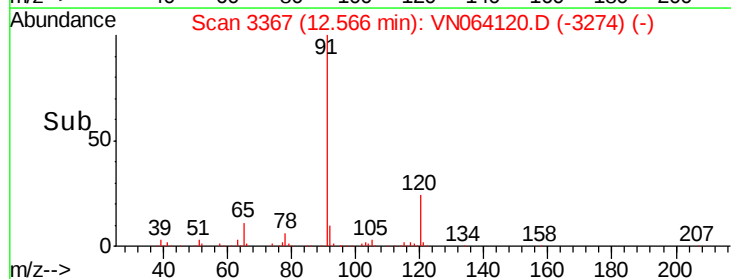
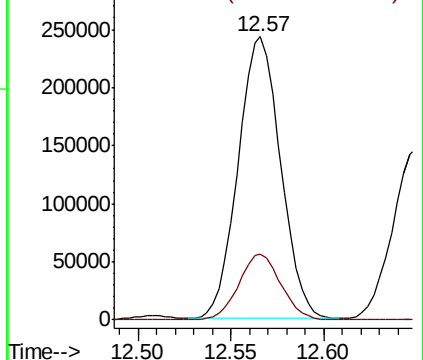
91 100

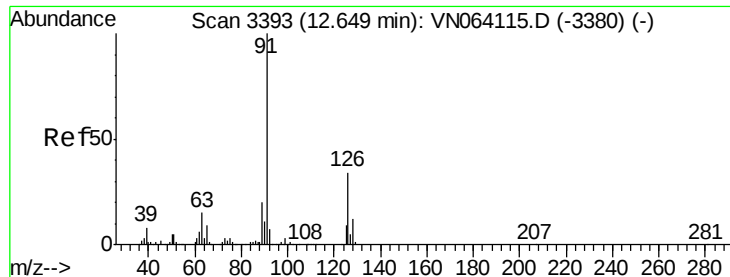
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

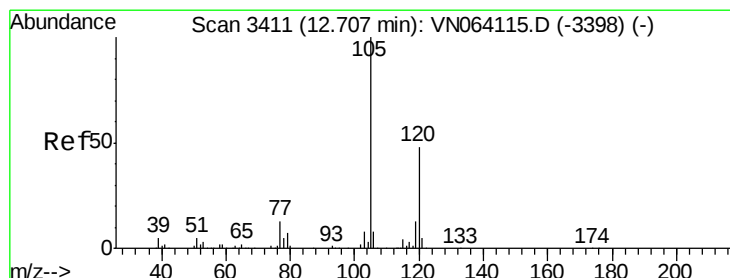
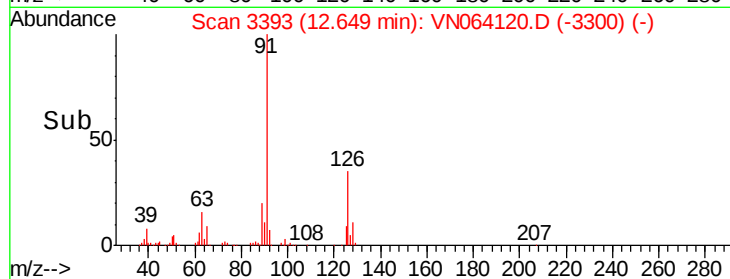
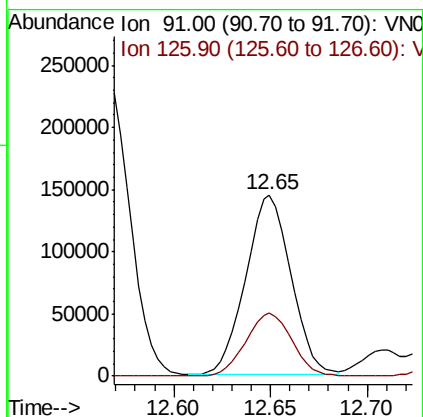
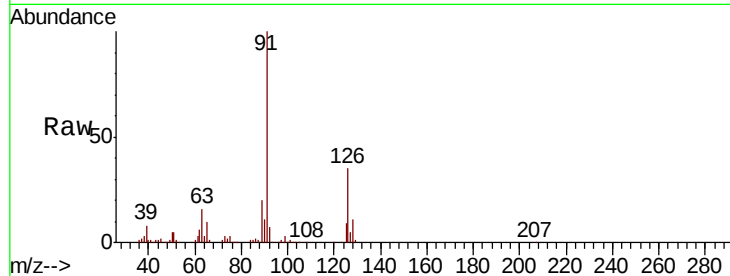




#79
 2-Chlorotoluene
 Concen: 18.041 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN064120.D
 Acq: 14 Oct 2020 18:32

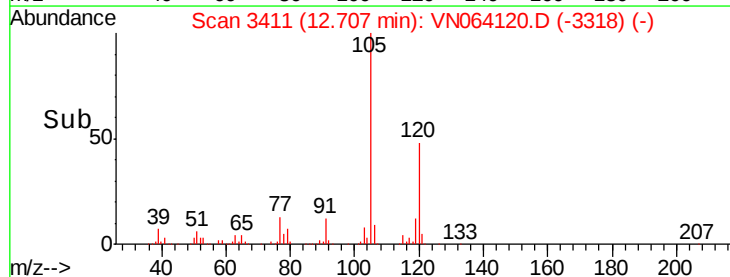
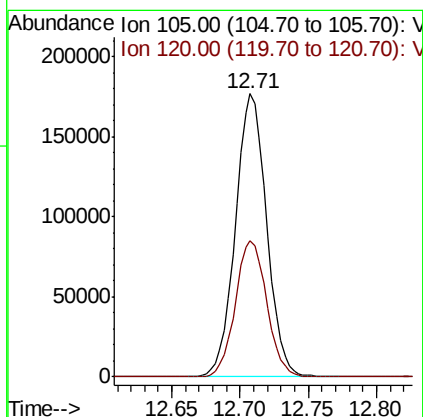
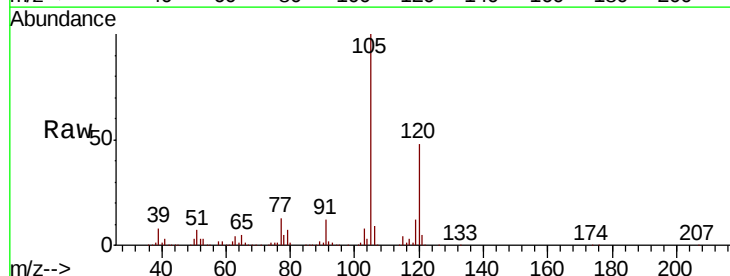
Instrument :
 MSVOA_N
 ClientSampled :
 VN1014WBS01

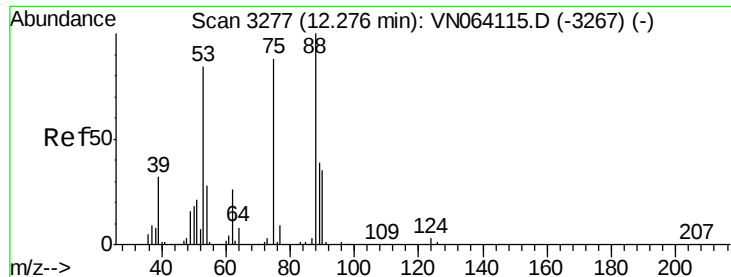
Tot Ion: 91 Resp: 235973
 Ion Ratio Lower Upper
 91 100
 126 36.0 17.5 52.5



#80
 1,3,5-Trimethylbenzene
 Concen: 18.893 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064120.D
 Acq: 14 Oct 2020 18:32

Tgt Ion: 105 Resp: 279425
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 16.683 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

Instrument :

MSVOA_N

ClientSampled :

VN1014WBS01

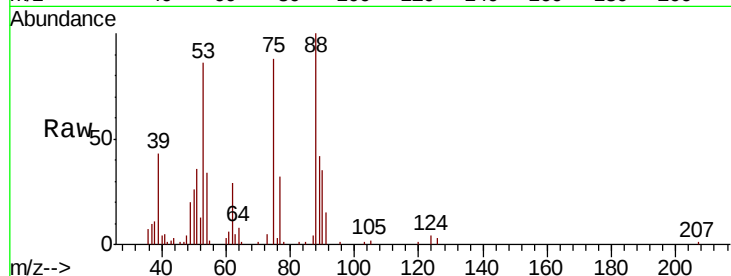
Tot Ion: 75 Resp: 32588

Ion Ratio Lower Upper

75 100

53 98.9 75.7 113.5

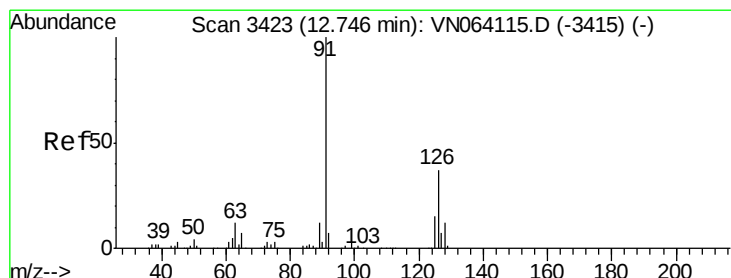
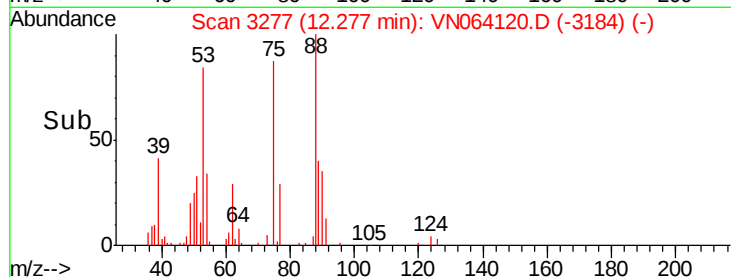
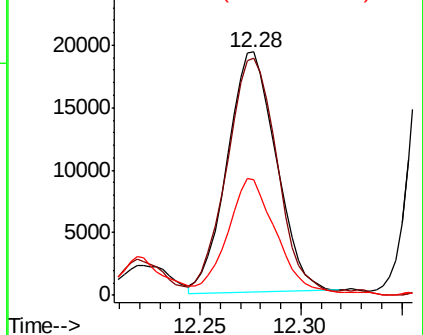
89 49.4 36.6 55.0



Abundance Ion 74.90 (74.60 to 75.60): VN064120.D (-3184) (-)

Ion 53.00 (52.70 to 53.70): VN064120.D (-3184) (-)

Ion 88.90 (88.60 to 89.60): VN064120.D (-3184) (-)



#82

4-Chlorotoluene

Concen: 18.530 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064120.D

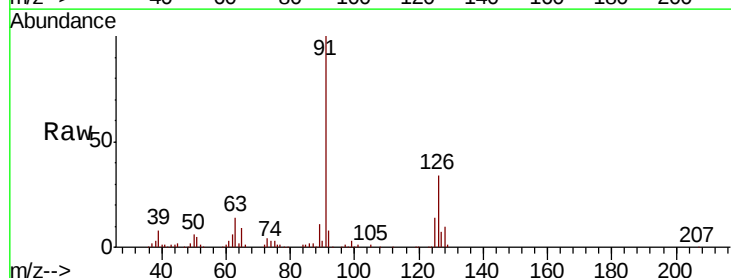
Acq: 14 Oct 2020 18:32

Tgt Ion: 91 Resp: 244275

Ion Ratio Lower Upper

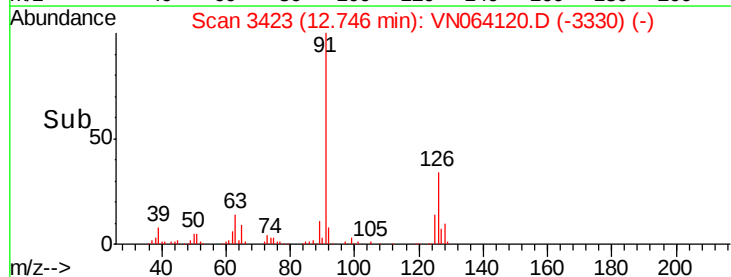
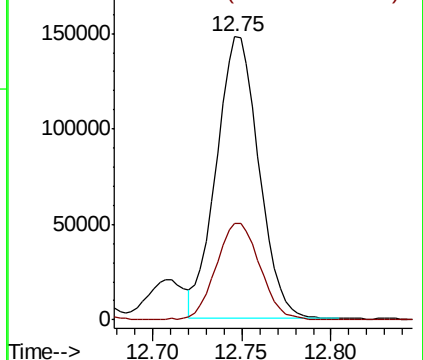
91 100

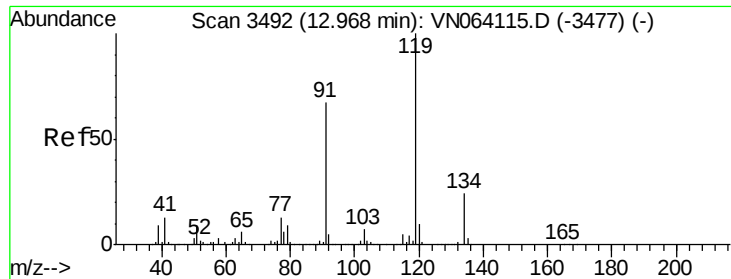
126 35.0 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VN064120.D (-3330) (-)

Ion 125.90 (125.60 to 126.60): VN064120.D (-3330) (-)

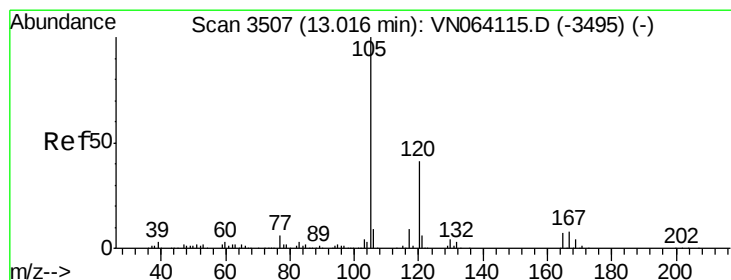
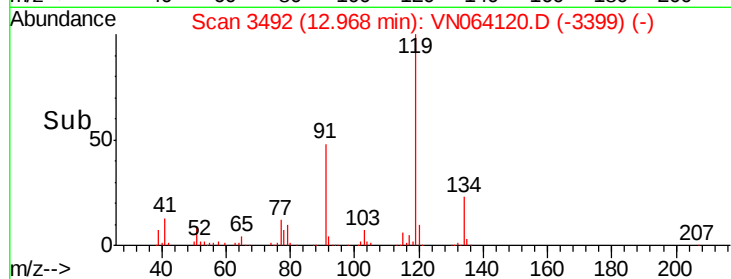
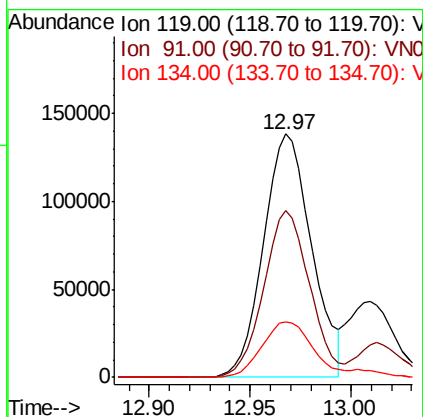
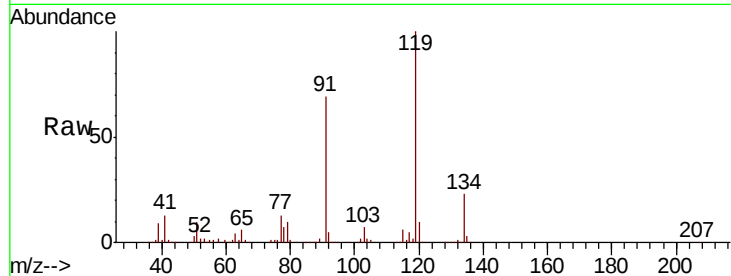




#83
tert-Butylbenzene
Concen: 18.793 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064120.D
Acq: 14 Oct 2020 18:32

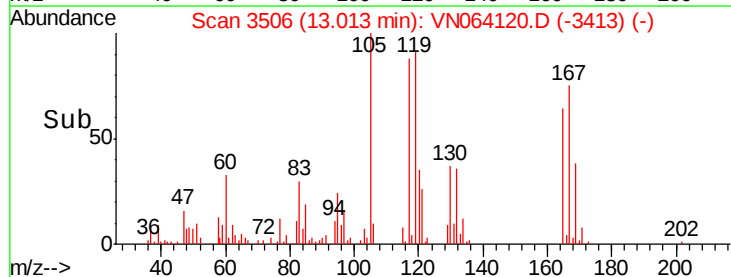
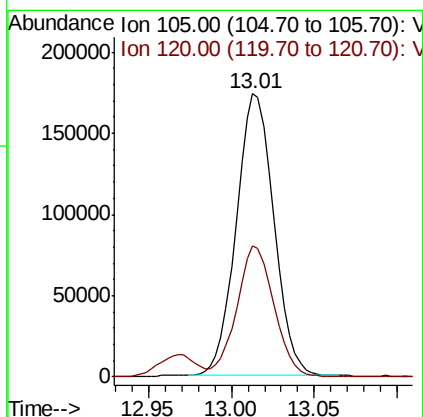
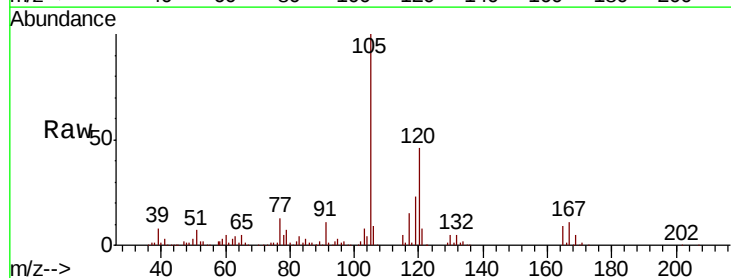
Instrument :
MSVOA_N
ClientSampleId :
VN1014WBS01

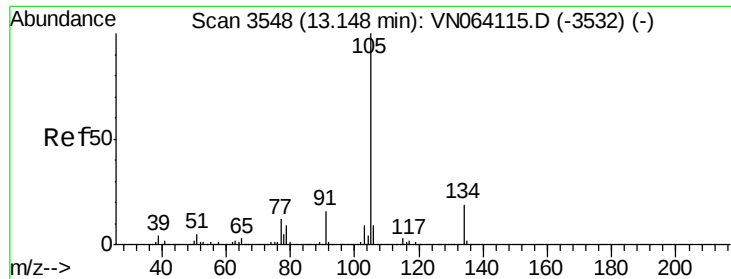
Tot Ion:119 Resp: 229869
Ion Ratio Lower Upper
119 100
91 65.1 32.6 98.0
134 26.1 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 17.934 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064120.D
Acq: 14 Oct 2020 18:32

Tgt Ion:105 Resp: 274629
Ion Ratio Lower Upper
105 100
120 45.8 22.8 68.4





#85

sec-Butylbenzene

Concen: 18.955 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

Instrument :

MSVOA_N

ClientSampleId :

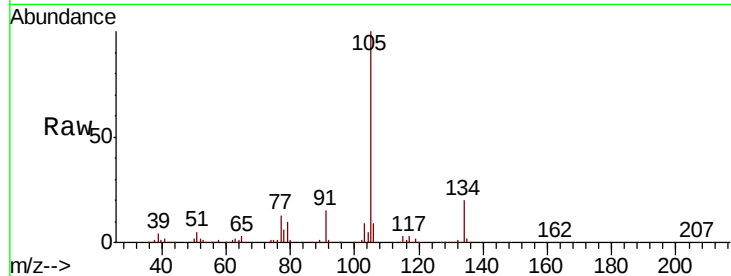
VN1014WBS01

Tot Ion:105 Resp: 298059

Ion Ratio Lower Upper

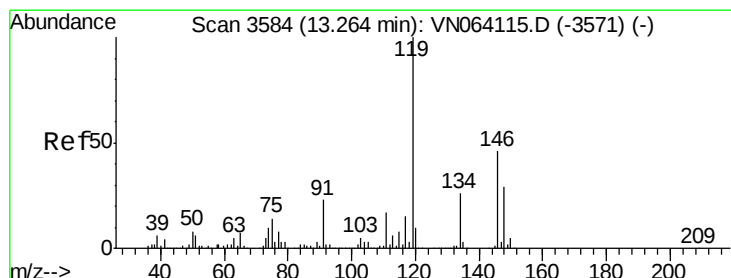
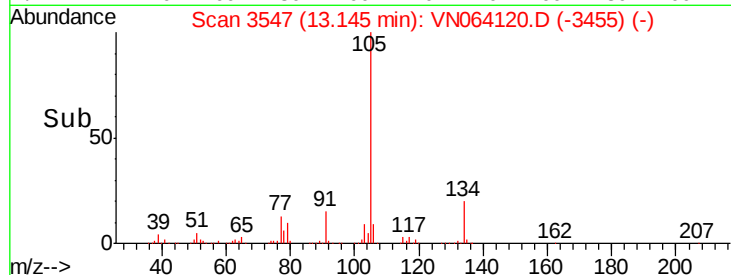
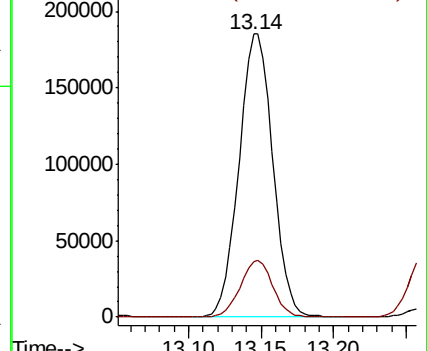
105 100

134 19.2 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.053 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

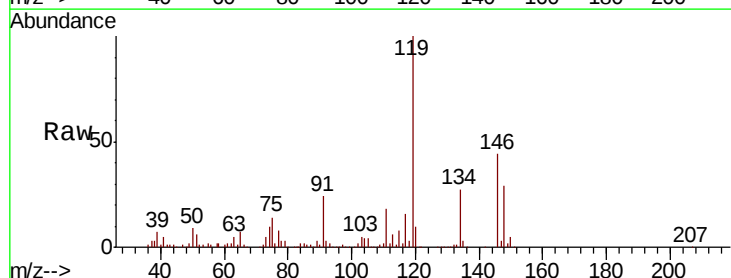
Tgt Ion:119 Resp: 262117

Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

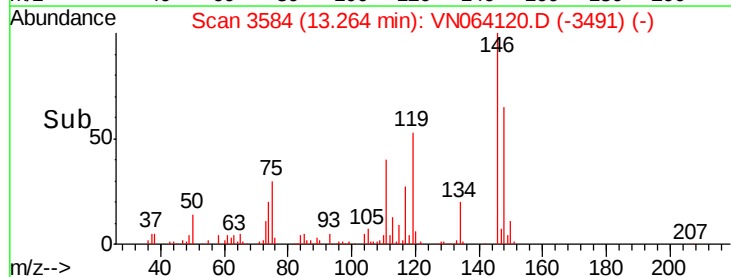
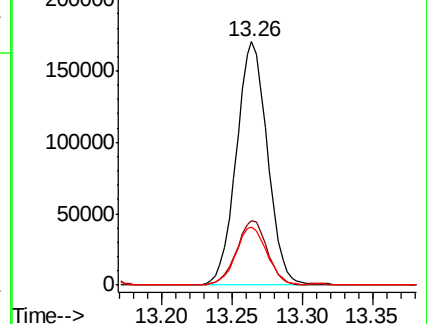
91 24.4 12.0 36.1

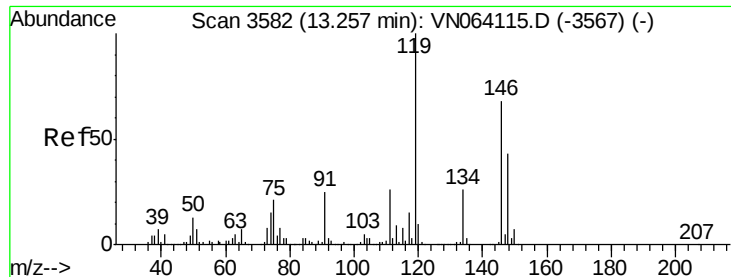


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

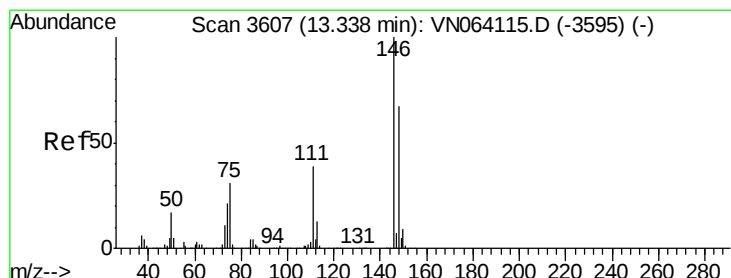
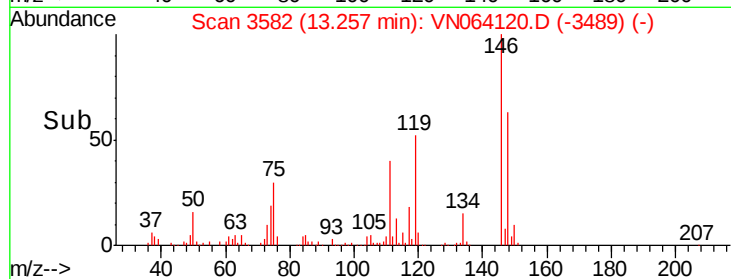
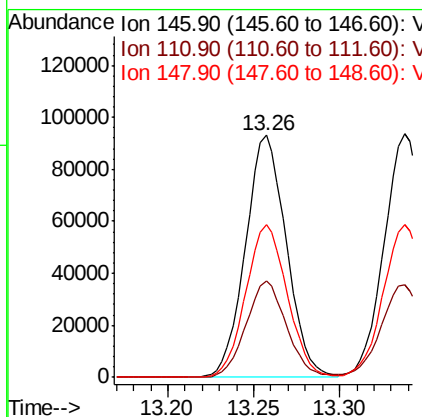
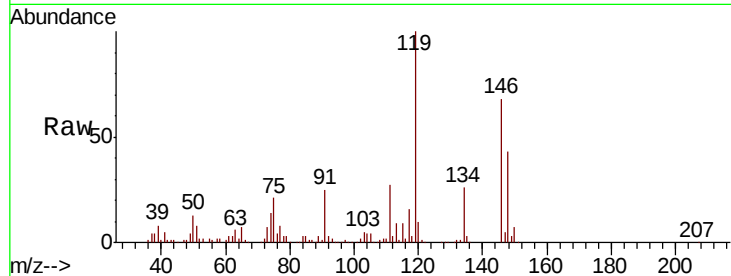




#87
 1,3-Dichlorobenzene
 Concen: 18.419 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064120.D
 Acq: 14 Oct 2020 18:32

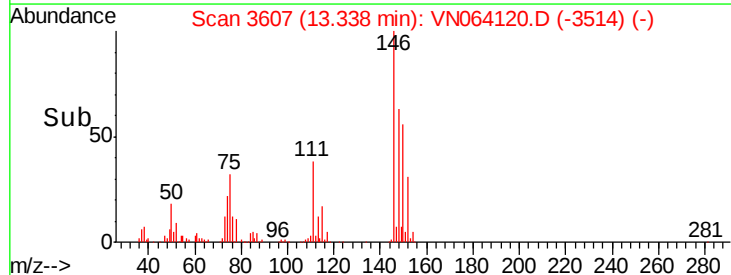
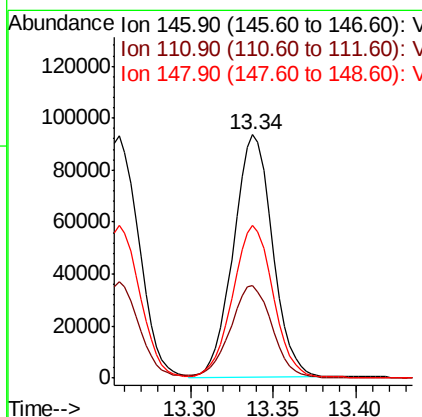
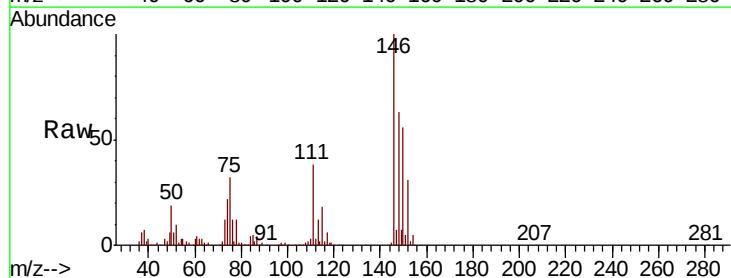
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1014WBS01

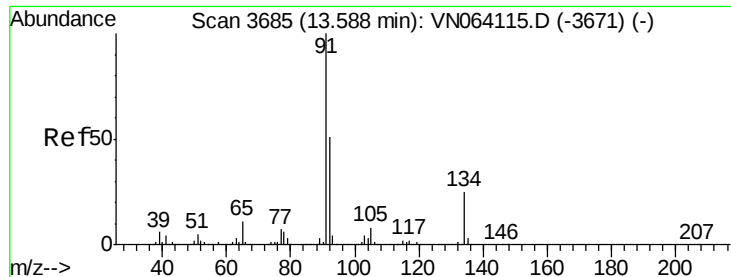
Tot Ion:146 Resp: 153519
 Ion Ratio Lower Upper
 146 100
 111 39.3 19.7 59.1
 148 64.0 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 17.949 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064120.D
 Acq: 14 Oct 2020 18:32

Tgt Ion:146 Resp: 153008
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.3 57.9
 148 65.8 32.1 96.5





#89

n-Butylbenzene

Concen: 18.024 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

Instrument :

MSVOA_N

ClientSampleId :

VN1014WBS01

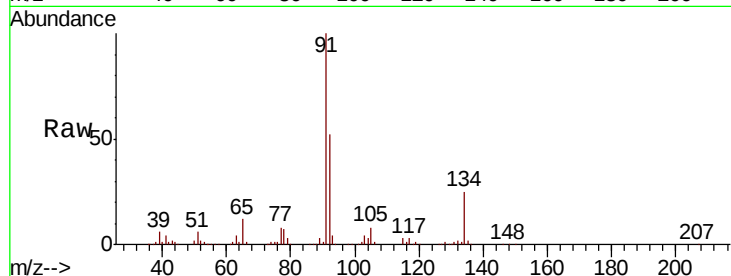
Tot Ion: 91 Resp: 206513

Ion Ratio Lower Upper

91 100

92 51.1 25.6 76.6

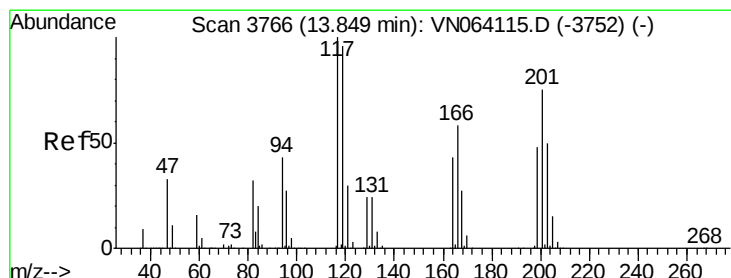
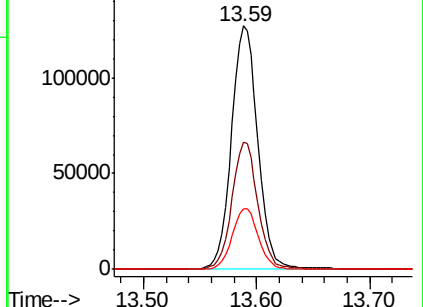
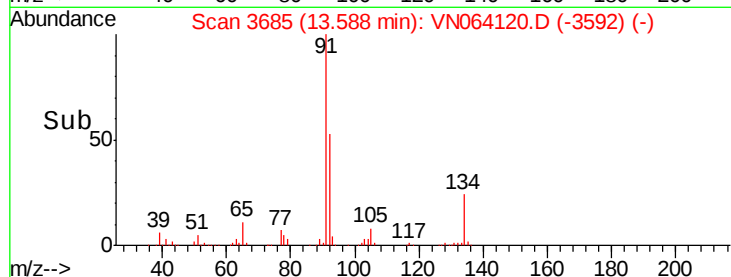
134 24.8 12.6 37.8



Abundance Ion 91.00 (90.70 to 91.70): VN064120.D (-3671) (-)

Ion 92.00 (91.70 to 92.70): VN064120.D (-3671) (-)

Ion 134.00 (133.70 to 134.70): VN064120.D (-3671) (-)



#90

Hexachloroethane

Concen: 17.671 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064120.D

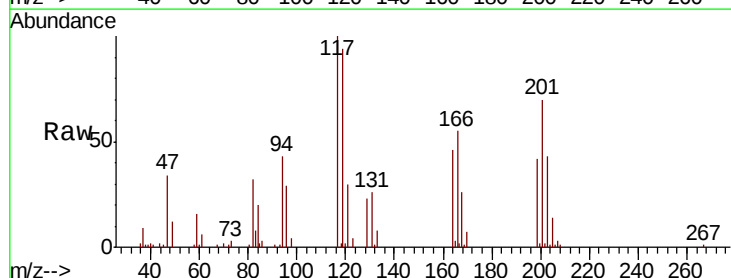
Acq: 14 Oct 2020 18:32

Tgt Ion: 117 Resp: 46242

Ion Ratio Lower Upper

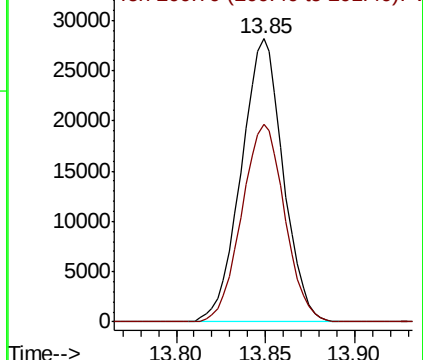
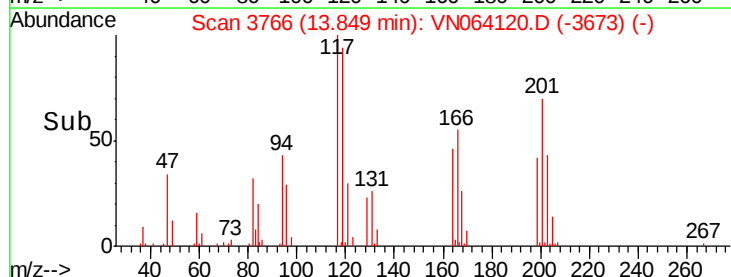
117 100

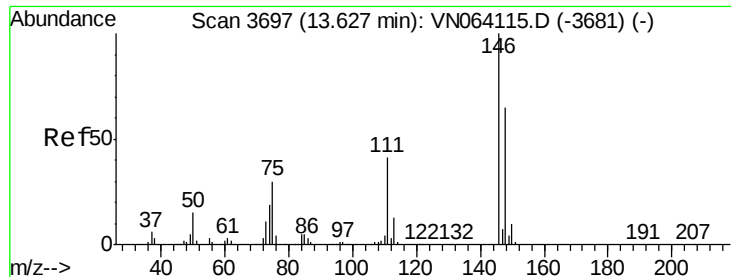
201 71.5 37.4 112.2



Abundance Ion 116.80 (116.50 to 117.50): VN064120.D (-3752) (-)

Ion 200.70 (200.40 to 201.40): VN064120.D (-3752) (-)





#91

1,2-Dichlorobenzene

Concen: 18.452 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

Instrument :

MSVOA_N

ClientSampleId :

VN1014WBS01

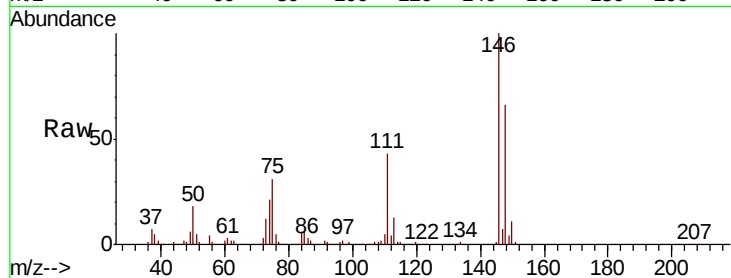
Tot Ion:146 Resp: 153070

Ion Ratio Lower Upper

146 100

111 41.1 20.3 60.8

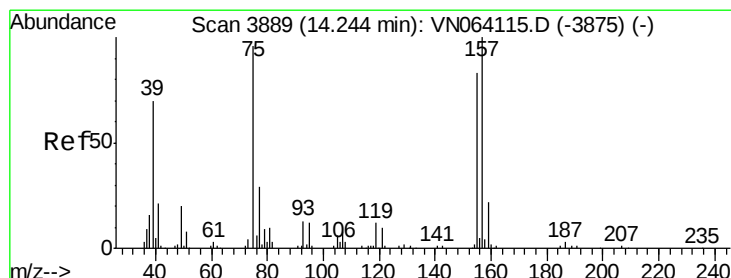
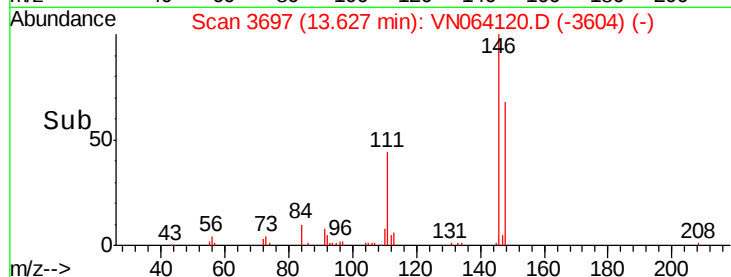
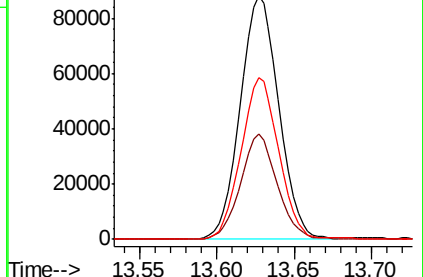
148 64.5 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.746 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

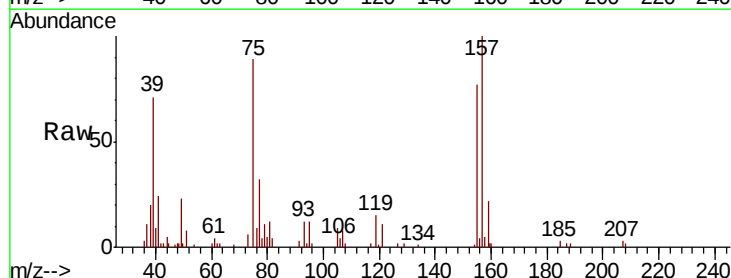
Tgt Ion: 75 Resp: 20447

Ion Ratio Lower Upper

75 100

155 80.0 40.8 122.2

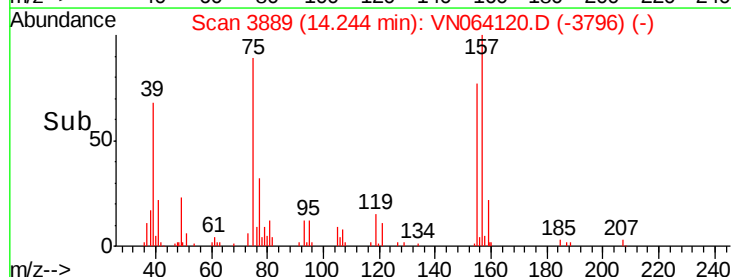
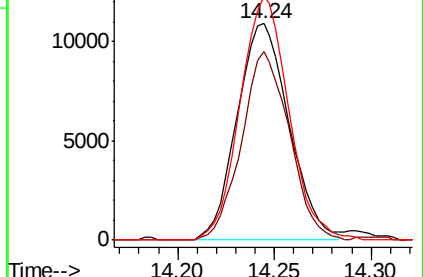
157 105.4 53.9 161.7

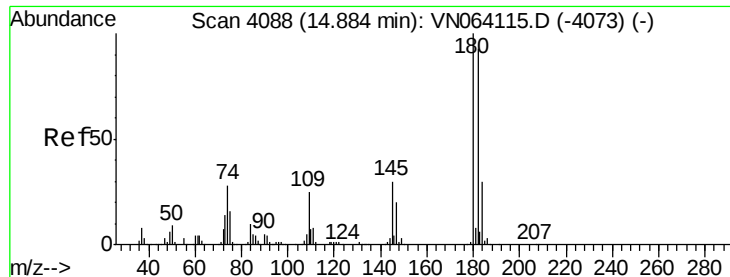


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

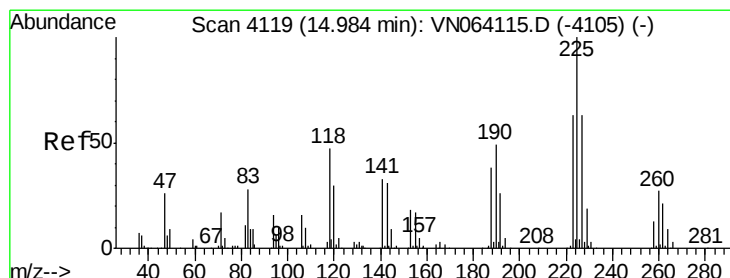
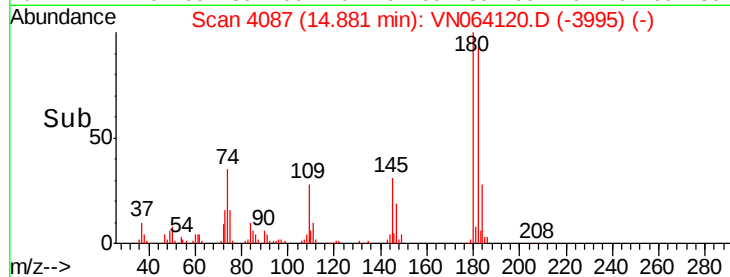
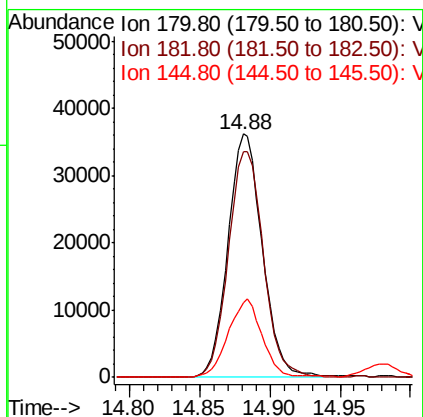
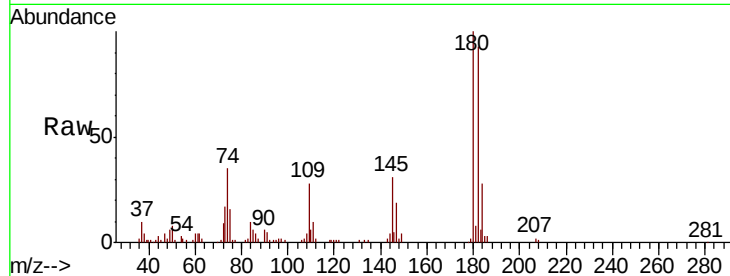




#93
 1,2,4-Trichlorobenzene
 Concen: 17.402 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064120.D
 Acq: 14 Oct 2020 18:32

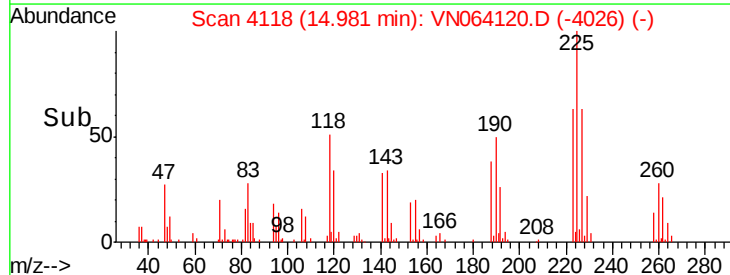
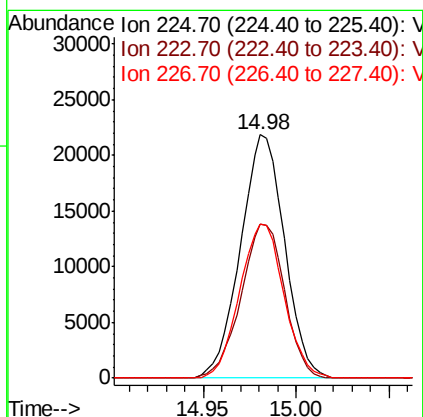
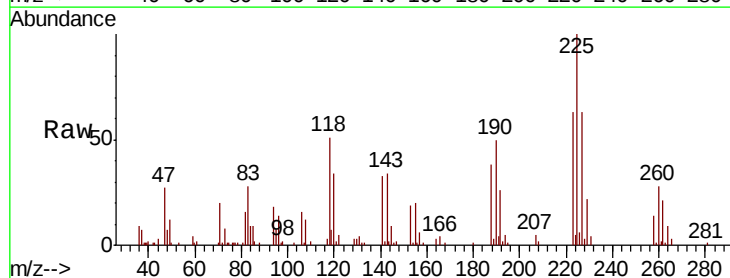
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1014WBS01

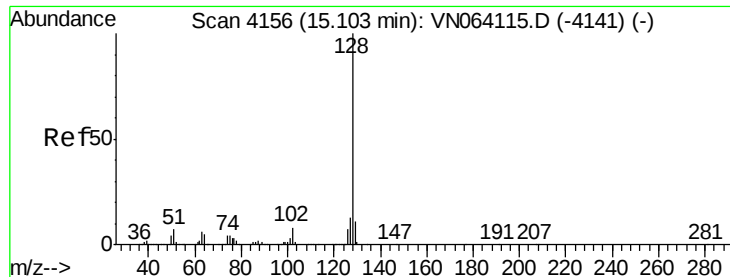
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	45.8	137.4
145	31.6	15.4	46.1



#94
 Hexachlorobutadiene
 Concen: 18.312 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064120.D
 Acq: 14 Oct 2020 18:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	32.3	96.9
227	63.4	31.6	94.8





#95

Naphthalene

Concen: 17.259 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

Instrument :

MSVOA_N

ClientSampled :

VN1014WBS01

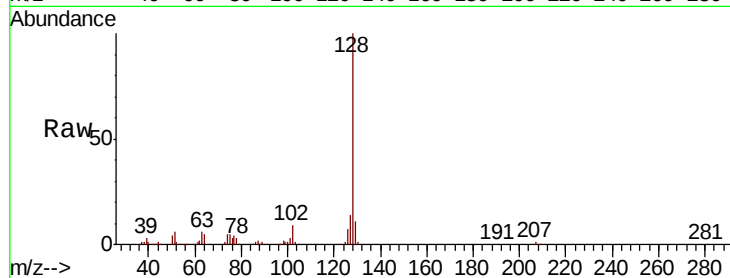
Tot Ion:128 Resp: 181386

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

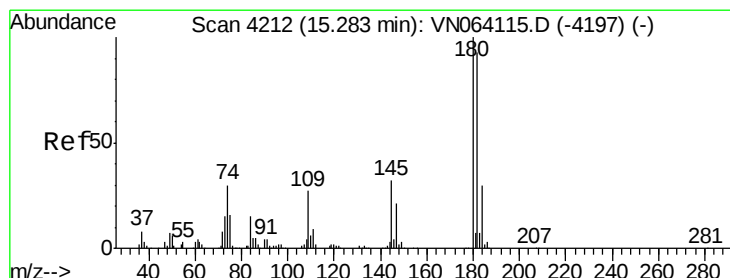
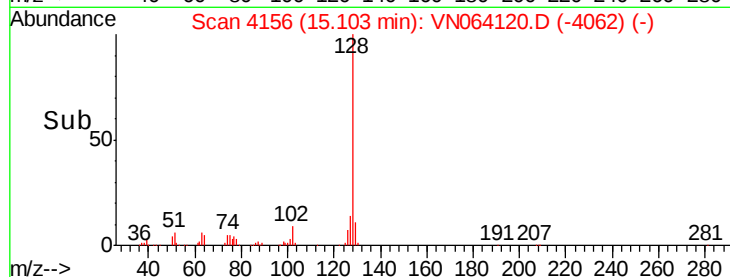
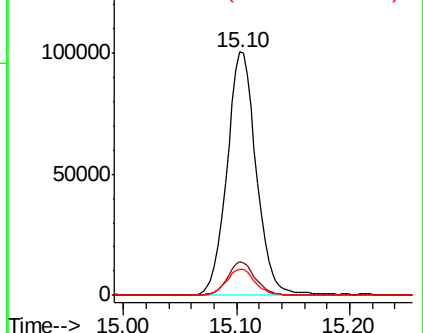
129 10.6 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.520 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN064120.D

Acq: 14 Oct 2020 18:32

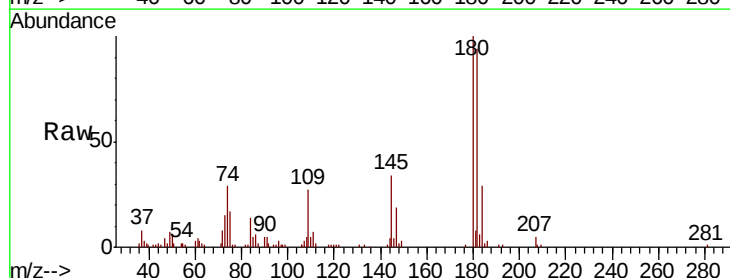
Tgt Ion:180 Resp: 63278

Ion Ratio Lower Upper

180 100

182 96.5 46.6 139.8

145 34.1 16.1 48.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

