

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101520\
 Data File : VN064139.D
 Acq On : 15 Oct 2020 13:26
 Operator : JC/MD
 Sample : VN1015WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBS01

Quant Time: Oct 16 02:21:51 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	330818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	556013	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	536614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	239386	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	235402	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
35) Dibromofluoromethane	7.55	113	191613	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
50) Toluene-d8	10.06	98	714534	49.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.42%	
62) 4-Bromofluorobenzene	12.38	95	241092	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	61683	19.790	ug/l	97
3) Chloromethane	2.04	50	75671	19.492	ug/l	99
4) Vinyl Chloride	2.16	62	92584	19.159	ug/l	98
5) Bromomethane	2.53	94	73282	20.208	ug/l	98
6) Chloroethane	2.68	64	72000	18.741	ug/l	99
7) Trichlorofluoromethane	2.98	101	129185	19.437	ug/l	96
8) Diethyl Ether	3.38	74	38843	18.680	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	66460	20.369	ug/l	95
10) Methyl Iodide	3.91	142	81754	17.773	ug/l	98
11) Tert butyl alcohol	4.73	59	49987	95.820	ug/l #	81
12) 1,1-Dichloroethene	3.70	96	62562	18.987	ug/l	96
13) Acrolein	3.57	56	51248	119.601	ug/l	95
14) Allyl chloride	4.28	41	93714	18.229	ug/l	97
15) Acrylonitrile	4.94	53	143702	95.938	ug/l	98
16) Acetone	3.78	43	140838	100.777	ug/l	97
17) Carbon Disulfide	4.01	76	181198	19.240	ug/l	97
18) Methyl Acetate	4.28	43	65050	18.556	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	181625	18.688	ug/l	100
20) Methylene Chloride	4.51	84	79727	18.437	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	72076	19.294	ug/l	97
22) Diisopropyl ether	5.90	45	198001	19.826	ug/l #	87
23) Vinyl Acetate	5.85	43	871500	97.691	ug/l	97
24) 1,1-Dichloroethane	5.80	63	136285	19.541	ug/l	99
25) 2-Butanone	6.79	43	206858	96.234	ug/l	98
26) 2,2-Dichloropropane	6.78	77	114603	19.751	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	84215	19.164	ug/l	99
28) Bromochloromethane	7.15	49	58312	17.554	ug/l #	99
29) Tetrahydrofuran	7.17	42	118186	94.077	ug/l	98
30) Chloroform	7.33	83	147817	19.895	ug/l	98
31) Cyclohexane	7.62	56	94791	18.199	ug/l #	95
32) 1,1,1-Trichloroethane	7.53	97	124766	19.433	ug/l	98
36) 1,1-Dichloropropene	7.75	75	97166	18.131	ug/l	99
37) Ethyl Acetate	6.88	43	91298	19.196	ug/l #	85
38) Carbon Tetrachloride	7.73	117	108429	18.815	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	81134	18.008	ug/l	96
40) Benzene	8.00	78	319182	19.667	ug/l	98
41) Methacrylonitrile	7.13	41	39594	19.228	ug/l #	89
42) 1,2-Dichloroethane	8.09	62	114846	19.888	ug/l	99
43) Isopropyl Acetate	8.13	43	147894	18.739	ug/l #	89
44) Trichloroethene	8.80	130	81558	19.111	ug/l	95
45) 1,2-Dichloropropane	9.08	63	82163	19.323	ug/l	100
46) Dibromomethane	9.17	93	58526	19.401	ug/l	99
47) Bromodichloromethane	9.37	83	117132	19.846	ug/l	99
48) Methyl methacrylate	9.17	41	65494	17.965	ug/l	93
49) 1,4-Dioxane	9.17	88	21930	396.142	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	460813	98.670	ug/l	98
52) Toluene	10.13	92	195319	19.587	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	116931	19.309	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	128325	19.285	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	81412	19.707	ug/l	97
56) Ethyl methacrylate	10.40	69	97662	17.864	ug/l	99
57) 1,3-Dichloropropane	10.68	76	130724	19.214	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	248261	89.785	ug/l	99
59) 2-Hexanone	10.72	43	318486	92.650	ug/l	99
60) Dibromochloromethane	10.87	129	90715	19.548	ug/l	99
61) 1,2-Dibromoethane	10.98	107	82598	19.643	ug/l	100
64) Tetrachloroethene	10.60	164	78628	19.435	ug/l	98
65) Chlorobenzene	11.41	112	215174	19.042	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	81903	19.090	ug/l	100
67) Ethyl Benzene	11.49	91	353410	18.670	ug/l	99
68) m/p-Xylenes	11.59	106	270382	36.081	ug/l	99
69) o-Xylene	11.92	106	127190	18.077	ug/l	100
70) Styrene	11.94	104	214210	17.995	ug/l	98
71) Bromoform	12.10	173	61004	18.629	ug/l #	98
73) Isopropylbenzene	12.23	105	329843	19.022	ug/l	100
74) N-amyl acetate	12.05	43	114086	17.569	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	111539	18.683	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	142771	25.422	ug/l #	100
77) Bromobenzene	12.50	156	88652	18.832	ug/l	96
78) n-propylbenzene	12.57	91	379370	19.602	ug/l	99
79) 2-Chlorotoluene	12.65	91	236691	19.229	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	272669	19.591	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	33278	18.103	ug/l	94
82) 4-Chlorotoluene	12.75	91	236712	19.081	ug/l	100
83) tert-Butylbenzene	12.97	119	219181	19.042	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	268997	18.659	ug/l	100
85) sec-Butylbenzene	13.15	105	286390	19.354	ug/l	100
86) p-Isopropyltoluene	13.26	119	251074	18.364	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	151401	19.303	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	149691	18.659	ug/l	99
89) n-Butylbenzene	13.59	91	196263	18.202	ug/l	99
90) Hexachloroethane	13.85	117	46947	19.064	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	150233	19.244	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	21254	18.497	ug/l	91

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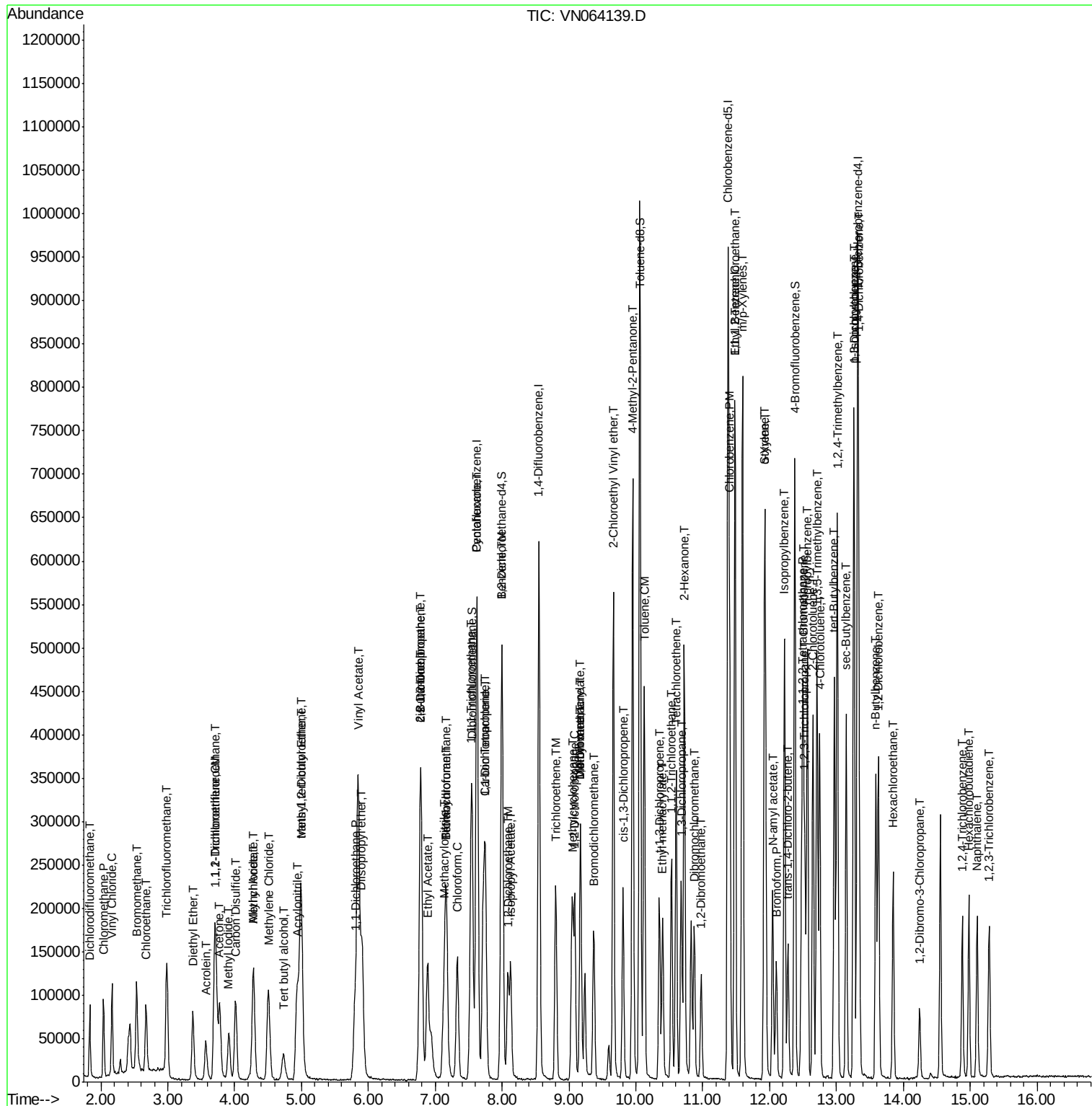
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	57785	17.296	ug/l	98
94) Hexachlorobutadiene	14.98	225	35001	18.821	ug/l	98
95) Naphthalene	15.10	128	160959	16.491	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	57172	16.933	ug/l	95

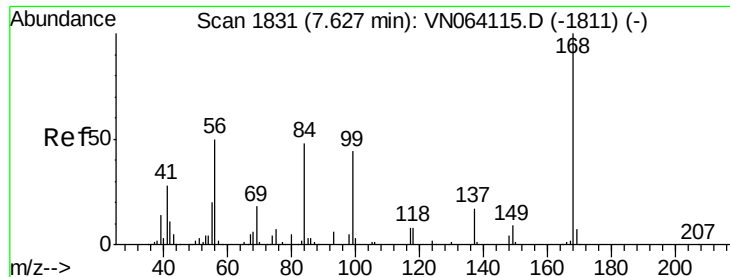
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN101520\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

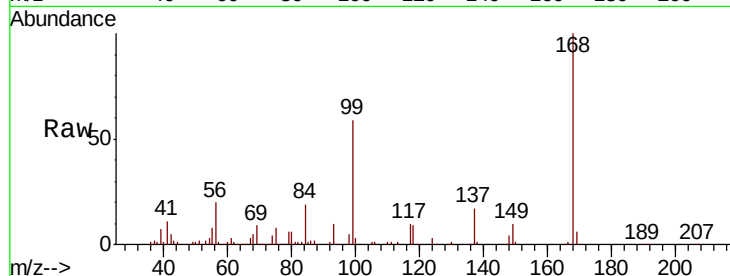
VN1015WBS01

Tot Ion:168 Resp: 330818

Ion Ratio Lower Upper

168 100

99 58.5 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN064139.D (-1738) (-)

Ion 98.90 (98.60 to 99.60): VN064139.D (-1738) (-)

7.63

150000

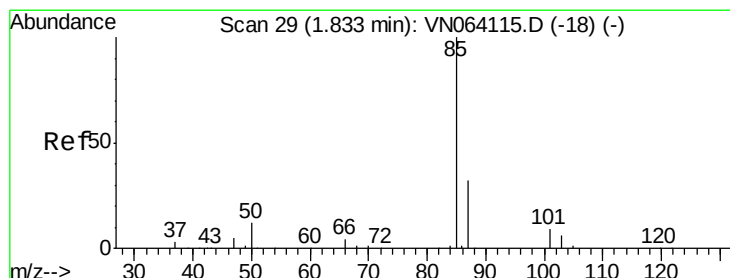
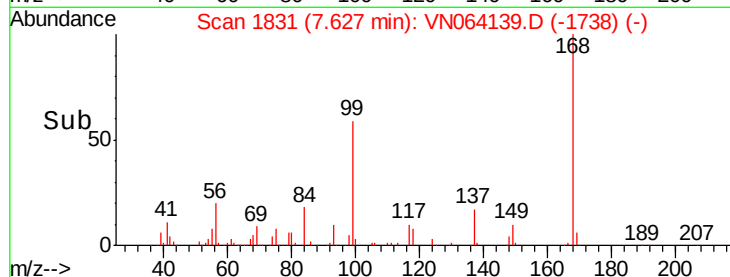
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.790 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064139.D

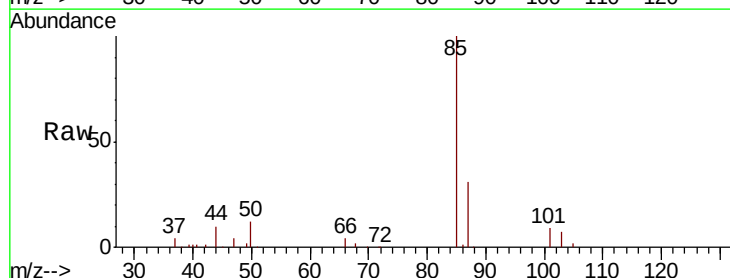
Acq: 15 Oct 2020 13:26

Tgt Ion: 85 Resp: 61683

Ion Ratio Lower Upper

85 100

87 30.8 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN064139.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN064139.D (-1) (-)

1.83

50000

40000

30000

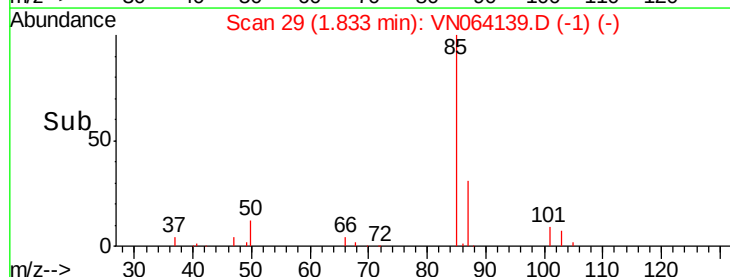
20000

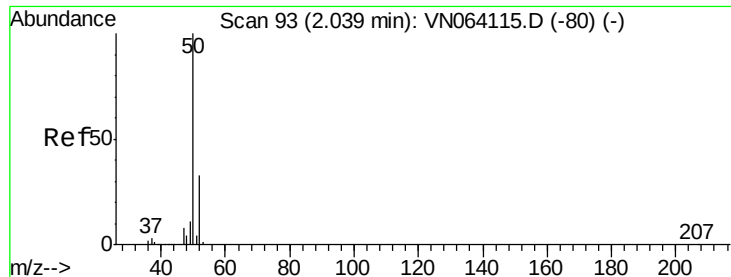
10000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 19.492 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

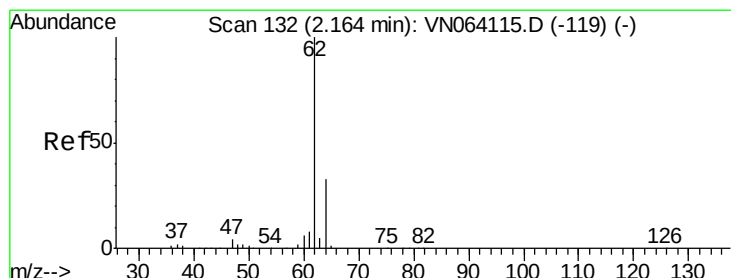
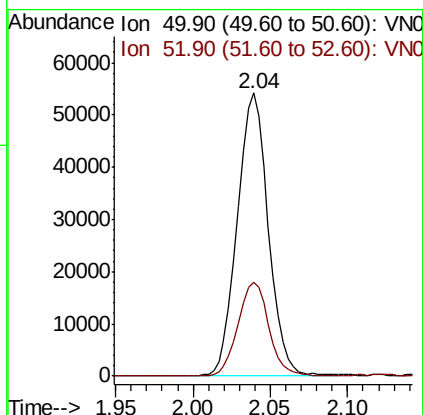
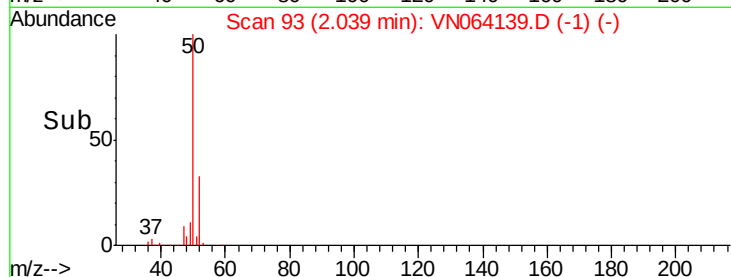
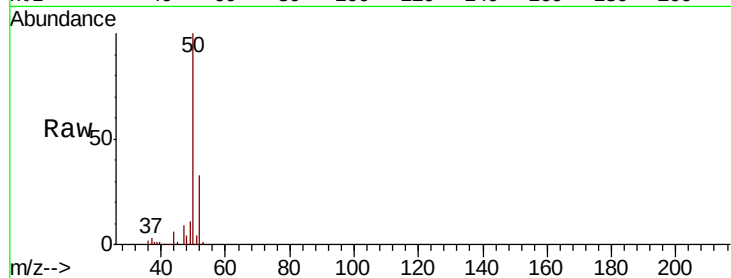
VN1015WBS01

Tot Ion: 50 Resp: 75671

Ion Ratio Lower Upper

50 100

52 33.3 26.1 39.1



#4

Vinyl Chloride

Concen: 19.159 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064139.D

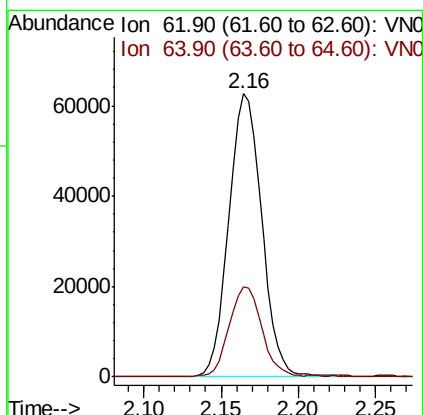
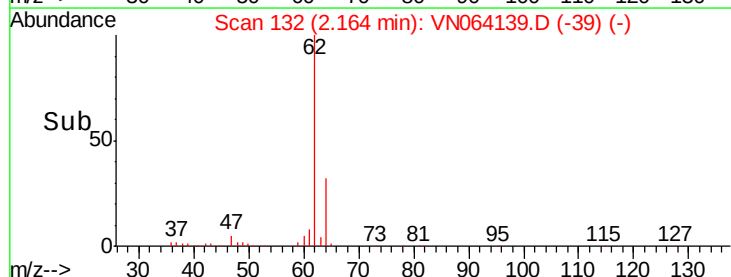
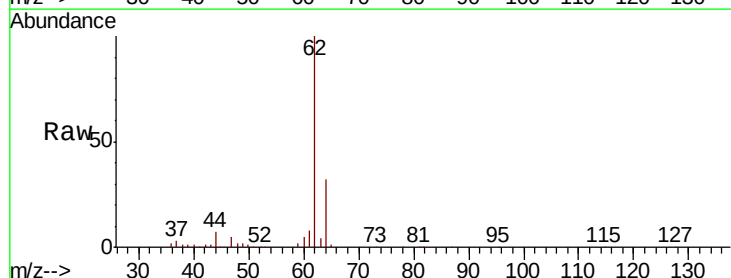
Acq: 15 Oct 2020 13:26

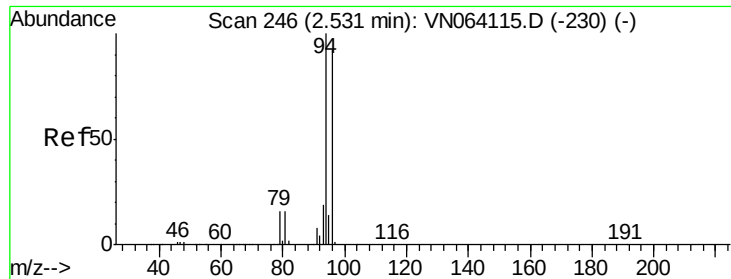
Tgt Ion: 62 Resp: 92584

Ion Ratio Lower Upper

62 100

64 31.6 26.2 39.4





#5

Bromomethane

Concen: 20.208 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

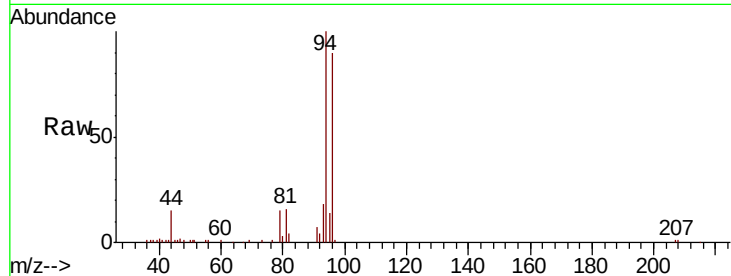
VN1015WBS01

Tot Ion: 94 Resp: 73282

Ion Ratio Lower Upper

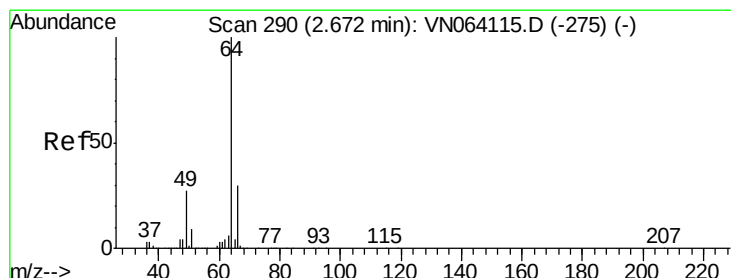
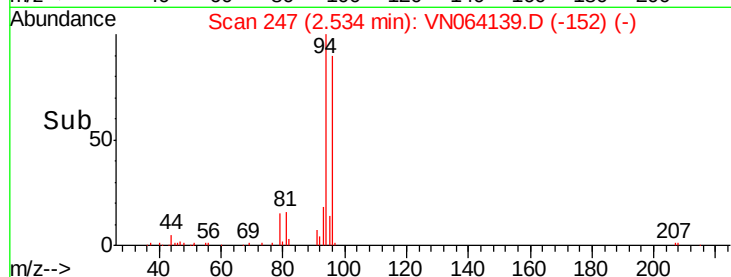
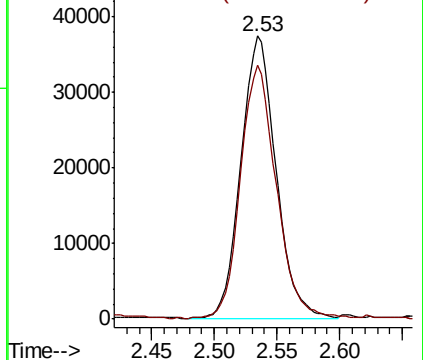
94 100

96 89.7 73.5 110.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.741 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064139.D

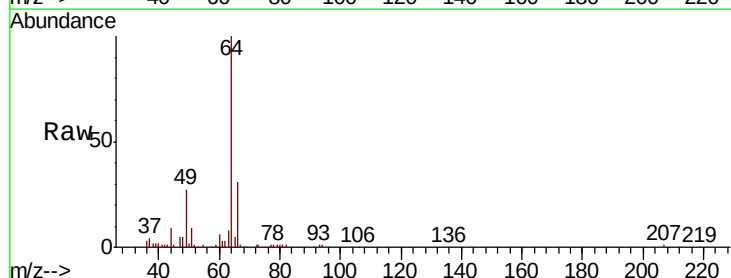
Acq: 15 Oct 2020 13:26

Tgt Ion: 64 Resp: 72000

Ion Ratio Lower Upper

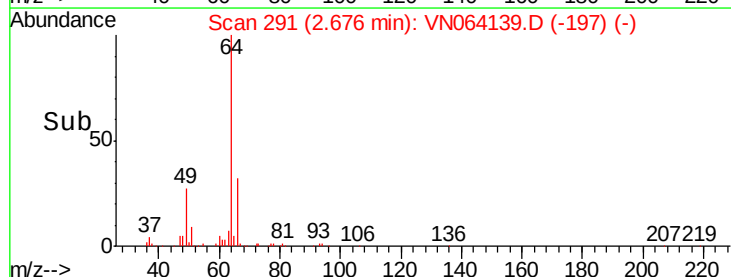
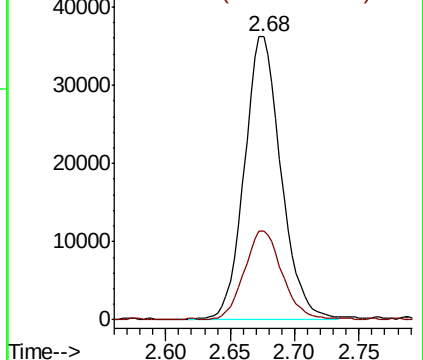
64 100

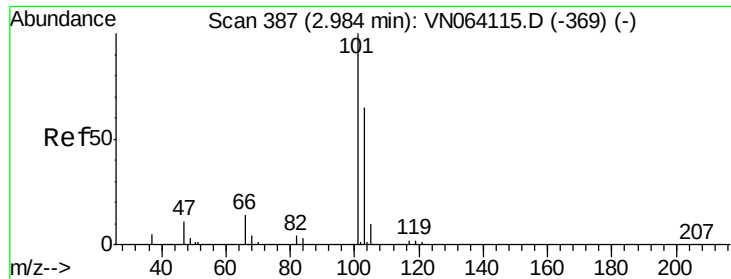
66 31.0 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



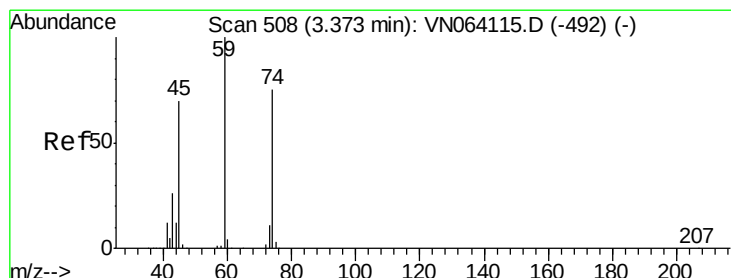
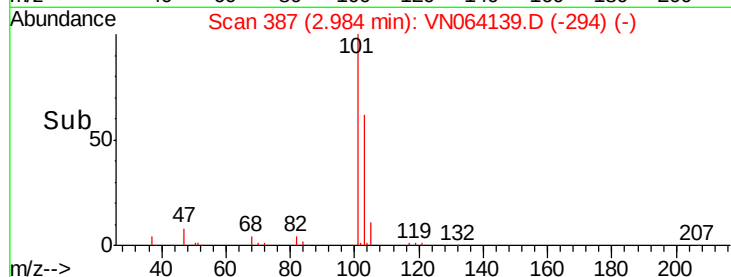
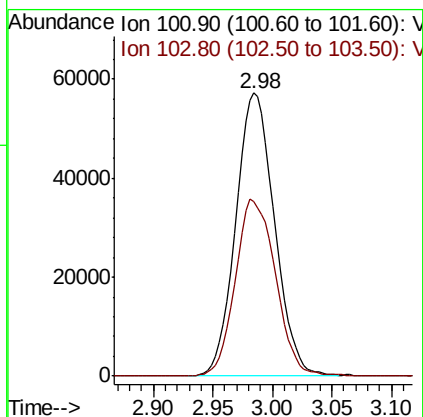
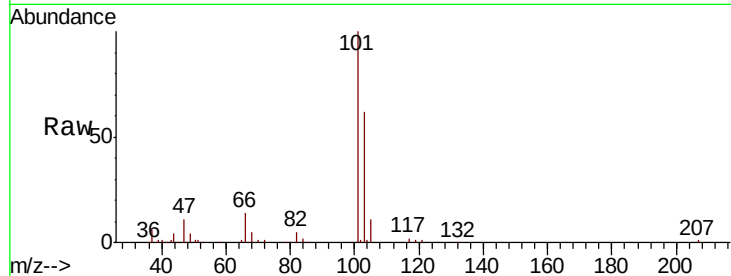


#7

Trichlorofluoromethane
Concen: 19.437 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBS01

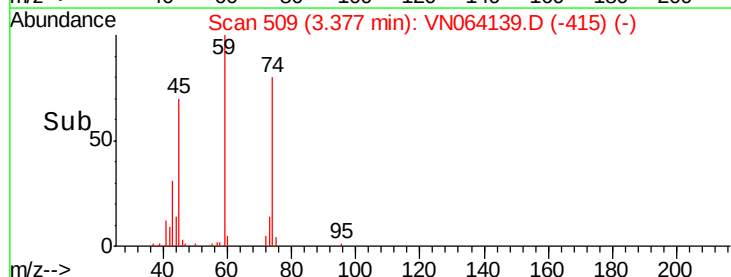
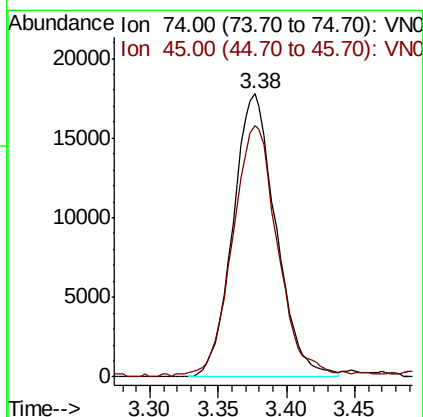
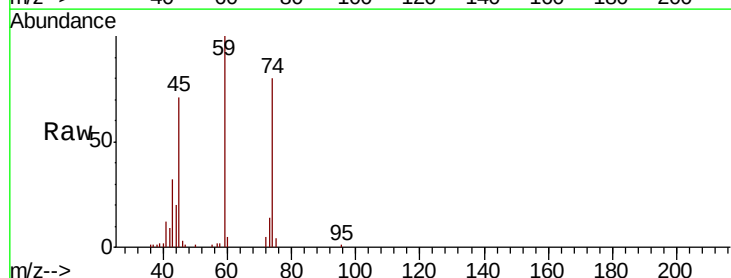
Tot Ion:101 Resp: 129185
Ion Ratio Lower Upper
101 100
103 61.8 51.8 77.6

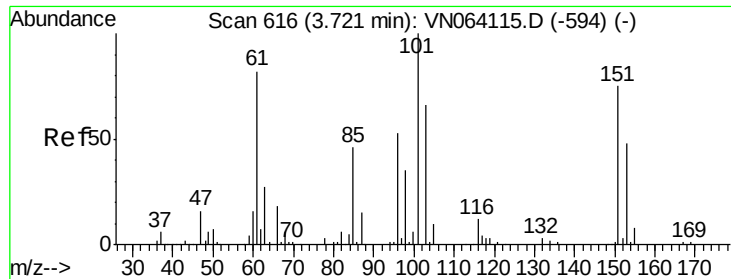


#8

Diethyl Ether
Concen: 18.680 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion: 74 Resp: 38843
Ion Ratio Lower Upper
74 100
45 93.9 47.0 141.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.369 ug/l

RT: 3.73 min Scan# 618

Delta R.T. 0.01 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBS01

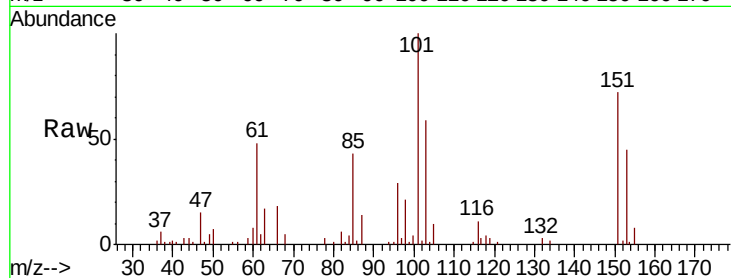
Tot Ion:101 Resp: 66460

Ion Ratio Lower Upper

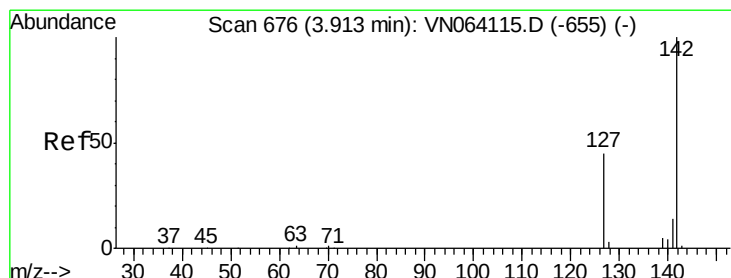
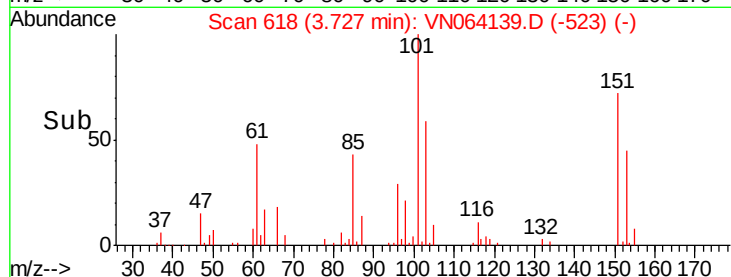
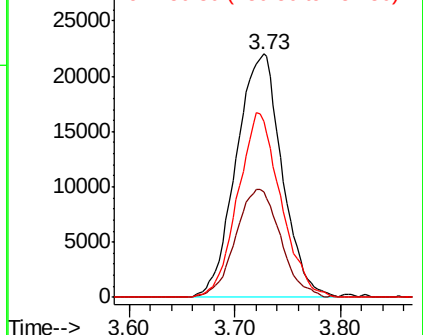
101 100

85 43.4 36.9 55.3

151 71.4 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: 17.773 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

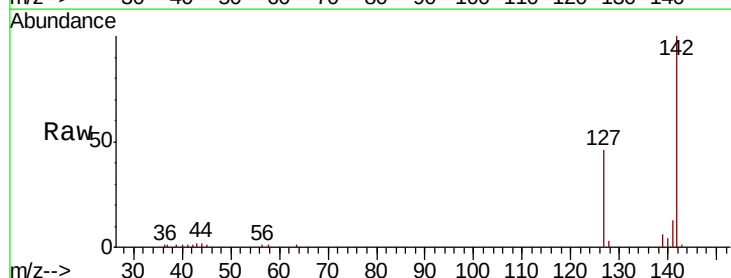
Tgt Ion:142 Resp: 81754

Ion Ratio Lower Upper

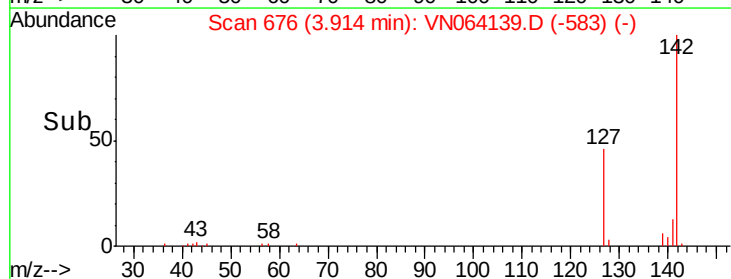
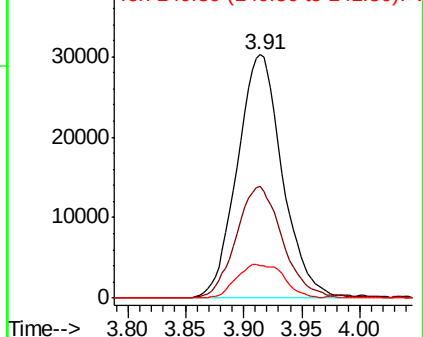
142 100

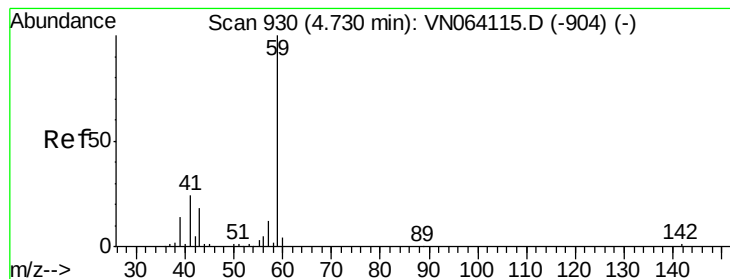
127 47.0 36.3 54.5

141 14.6 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



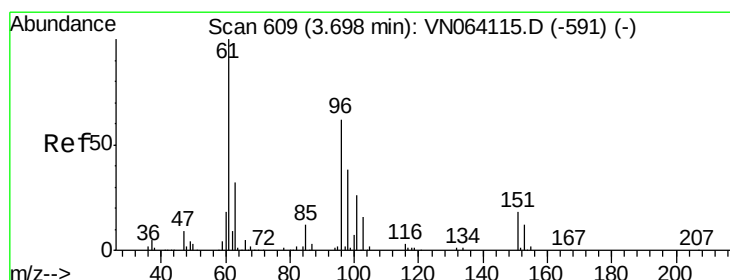
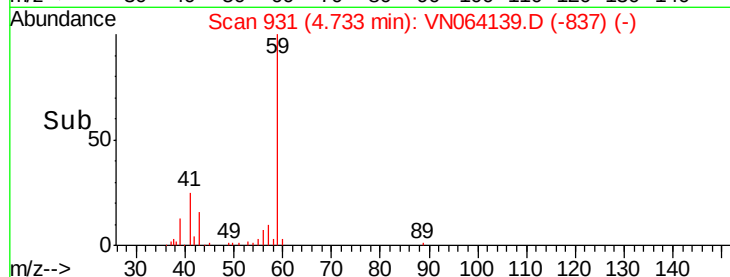
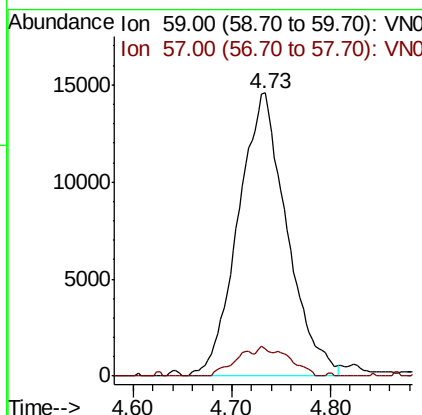
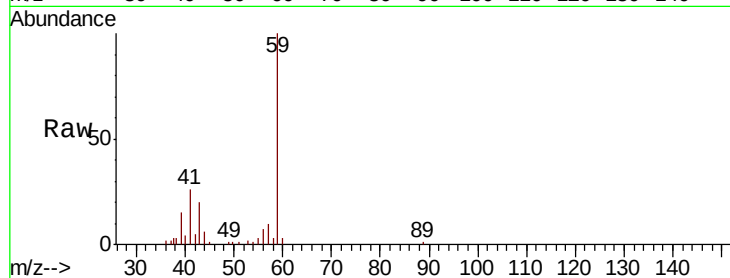


#11

Tert butyl alcohol
 Concen: 95.820 ug/l
 RT: 4.73 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBS01

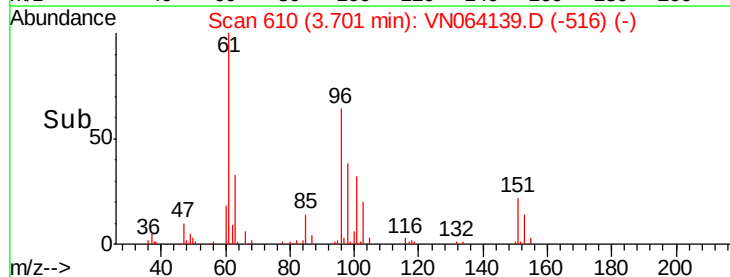
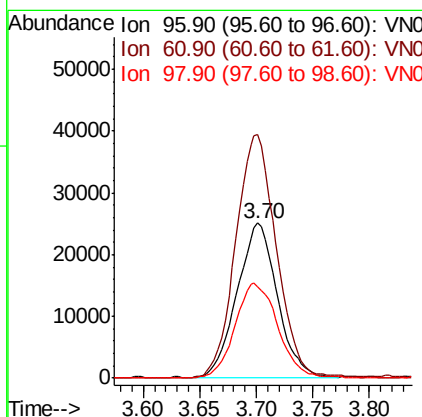
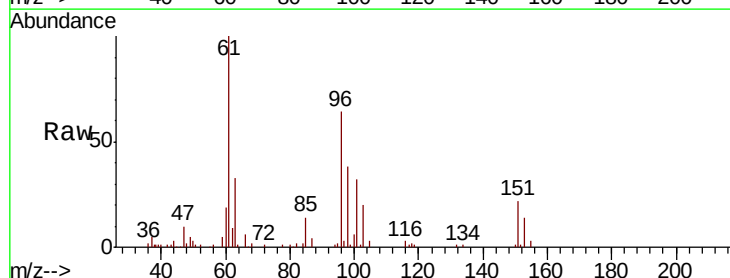
Tot Ion: 59 Resp: 49987
 Ion Ratio Lower Upper
 59 100
 57 3.8 8.9 13.3#

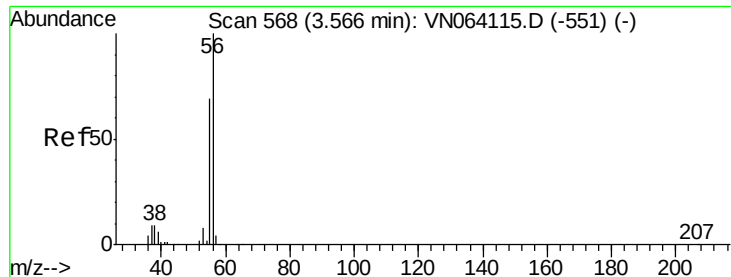


#12

1,1-Dichloroethene
 Concen: 18.987 ug/l
 RT: 3.70 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

Tgt Ion: 96 Resp: 62562
 Ion Ratio Lower Upper
 96 100
 61 157.2 129.9 194.9
 98 59.0 48.9 73.3





#13

Acrolein

Concen: 119.601 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

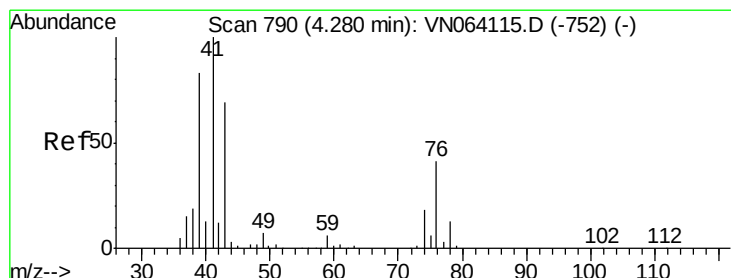
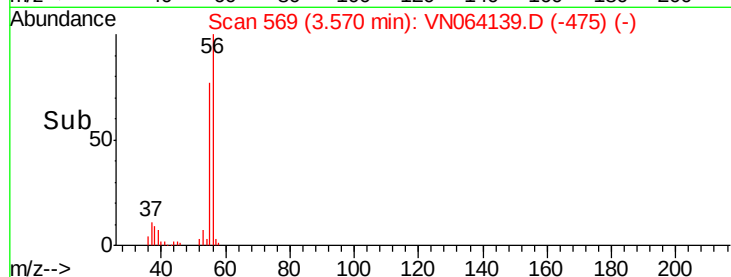
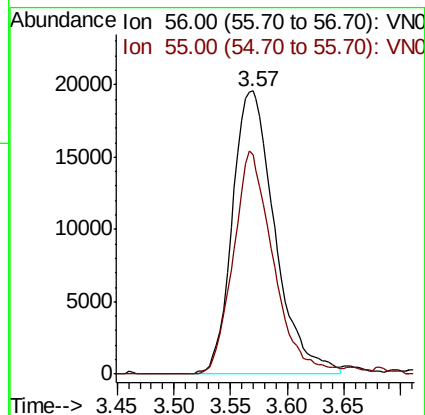
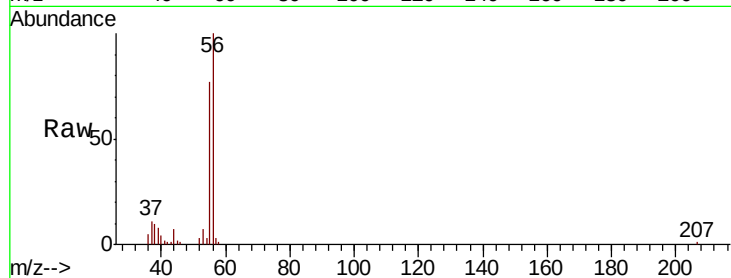
VN1015WBS01

Tot Ion: 56 Resp: 51248

Ion Ratio Lower Upper

56 100

55 73.9 55.8 83.6



#14

Allyl chloride

Concen: 18.229 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

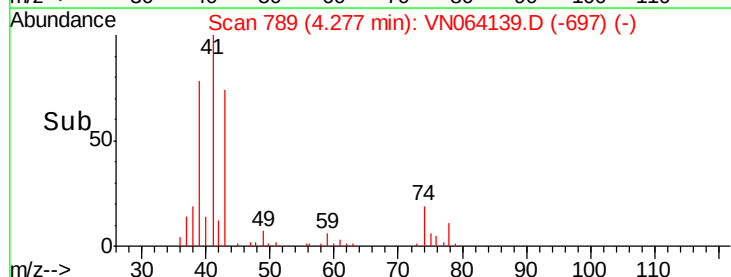
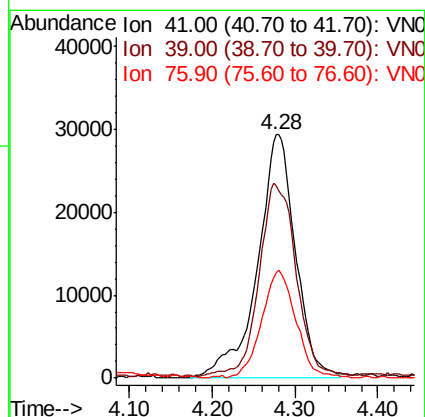
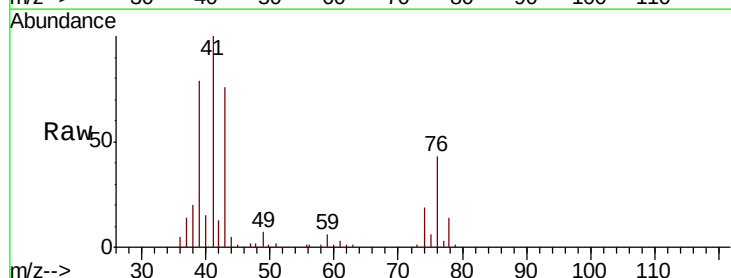
Tgt Ion: 41 Resp: 93714

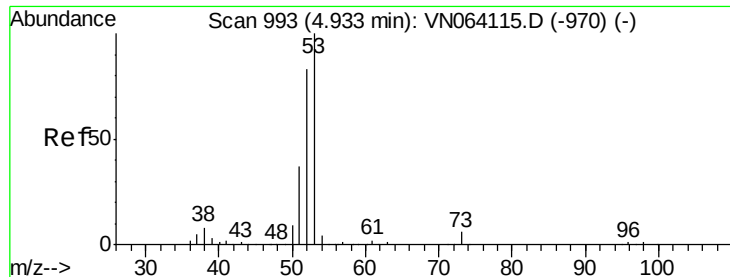
Ion Ratio Lower Upper

41 100

39 77.1 60.5 90.7

76 39.8 29.5 44.3

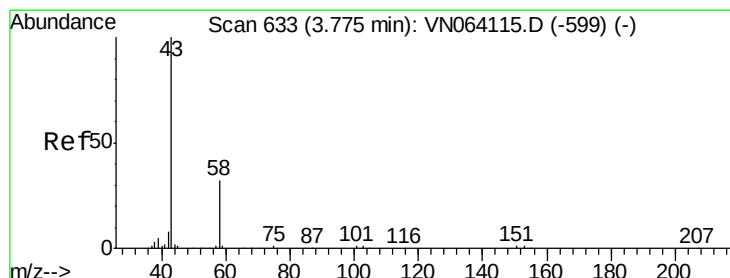
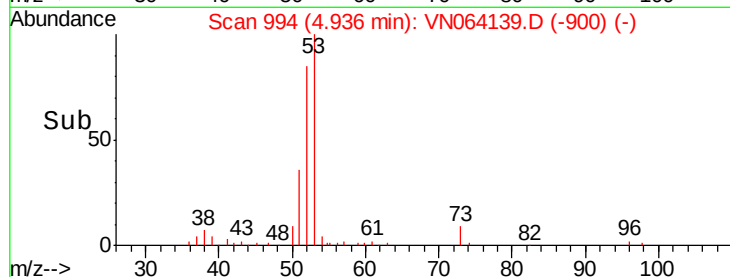
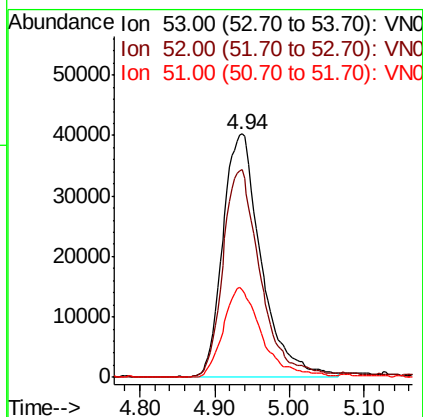
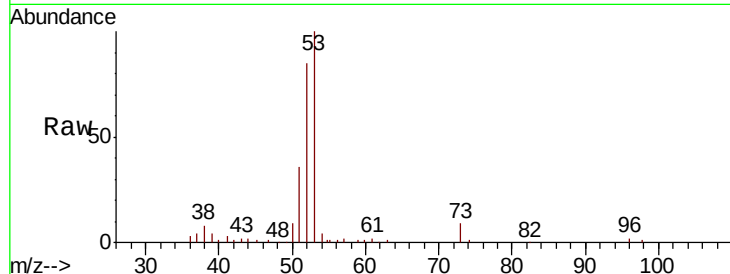




#15
 Acrylonitrile
 Concen: 95.938 ug/l
 RT: 4.94 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

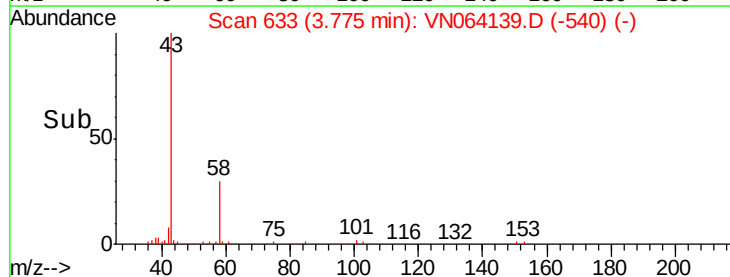
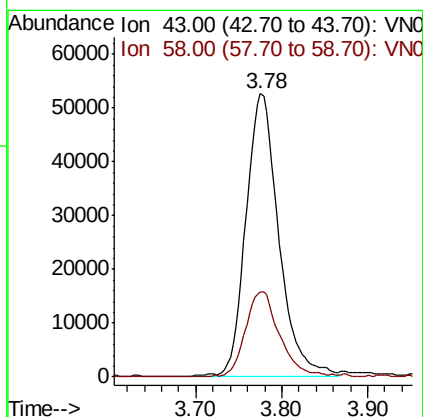
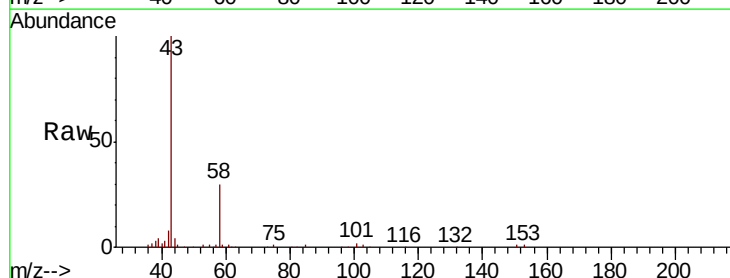
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBS01

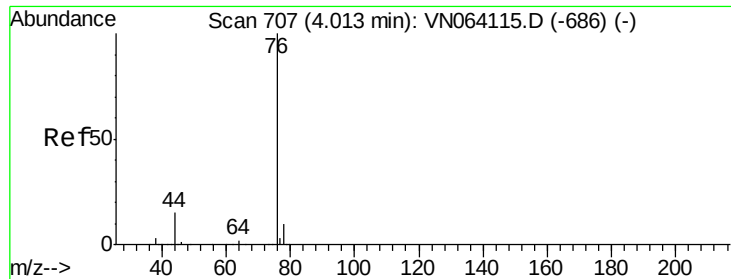
Tot Ion: 53 Resp: 143702
 Ion Ratio Lower Upper
 53 100
 52 82.8 65.8 98.6
 51 34.6 29.4 44.2



#16
 Acetone
 Concen: 100.777 ug/l
 RT: 3.78 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

Tgt Ion: 43 Resp: 140838
 Ion Ratio Lower Upper
 43 100
 58 29.8 25.2 37.8

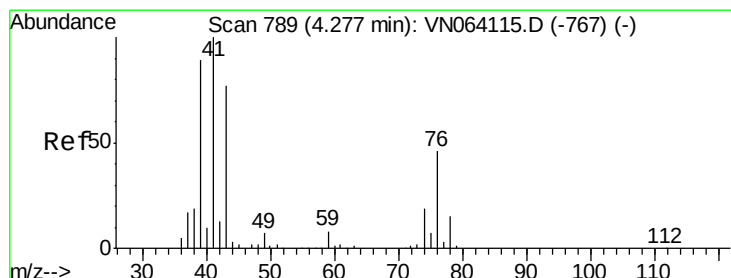
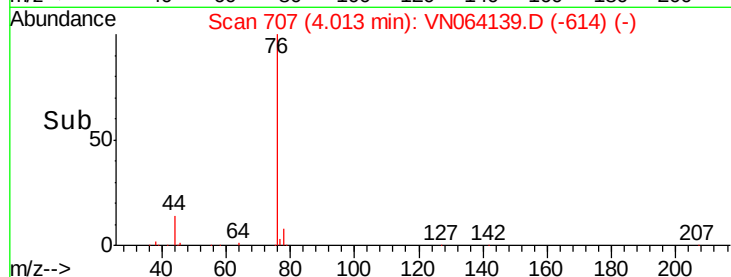
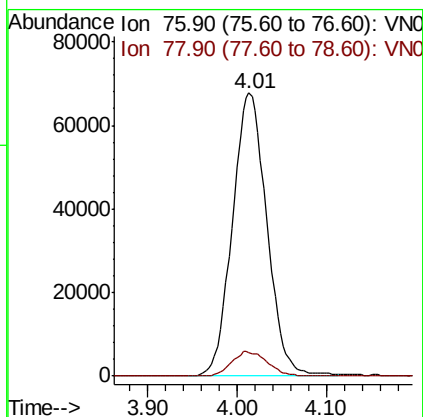
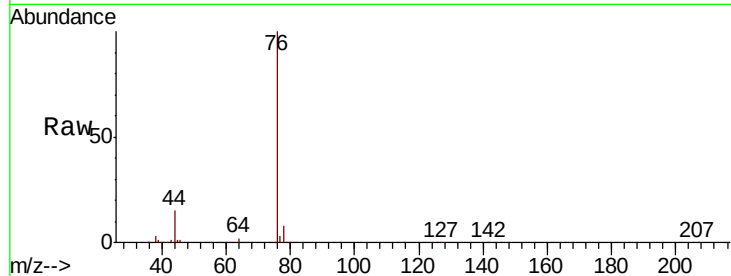




#17
Carbon Disulfide
Concen: 19.240 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

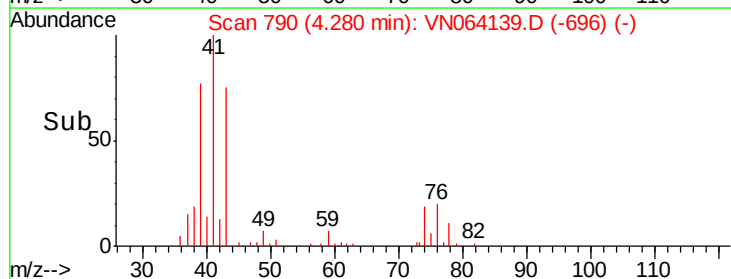
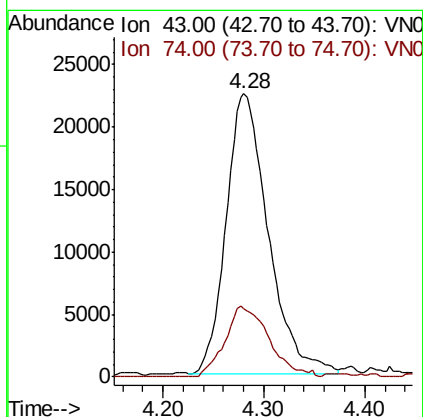
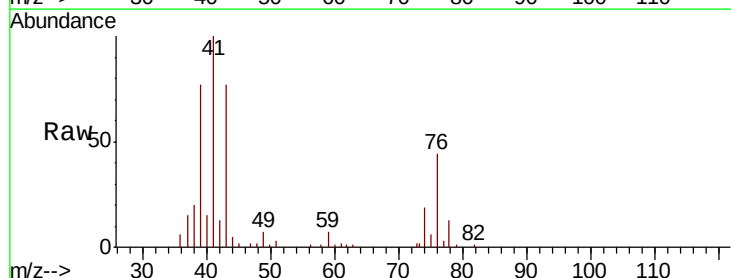
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBS01

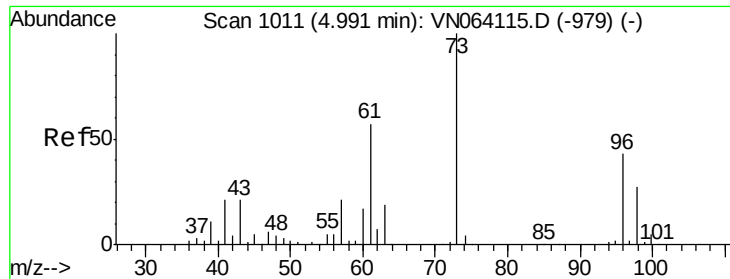
Tot Ion: 76 Resp: 181198
Ion Ratio Lower Upper
76 100
78 8.5 7.6 11.4



#18
Methyl Acetate
Concen: 18.556 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion: 43 Resp: 65050
Ion Ratio Lower Upper
43 100
74 26.3 19.7 29.5

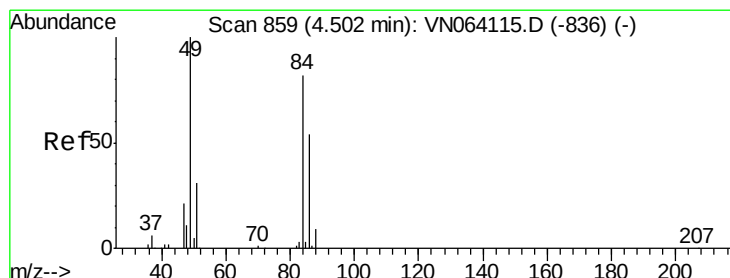
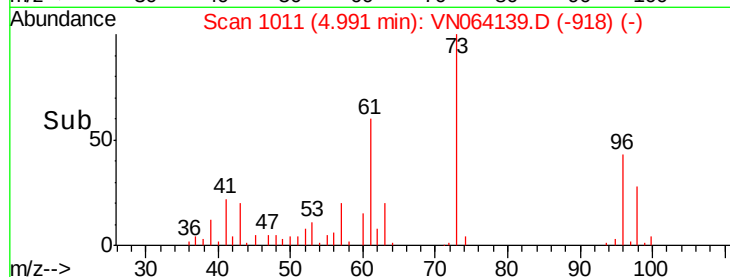
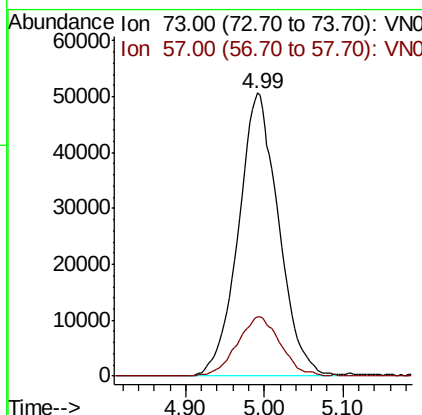
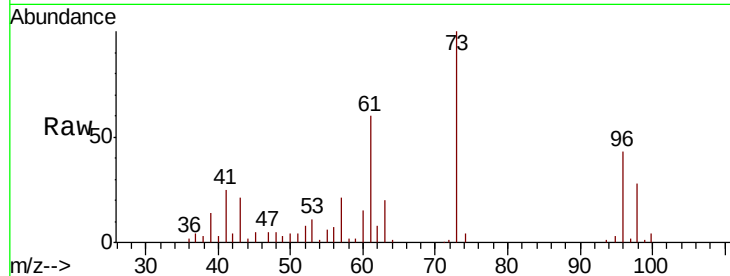




#19
Methyl tert-butyl Ether
Concen: 18.688 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

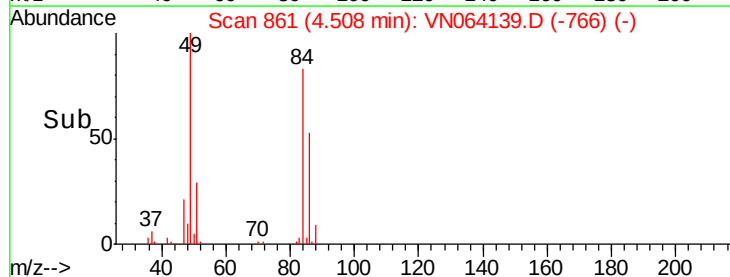
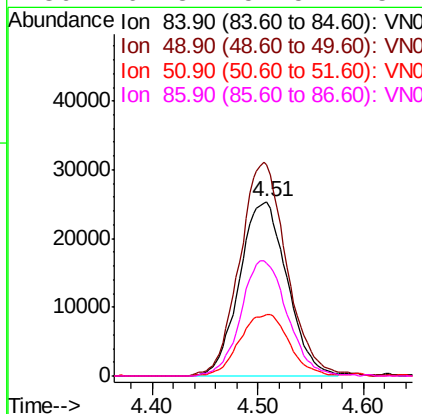
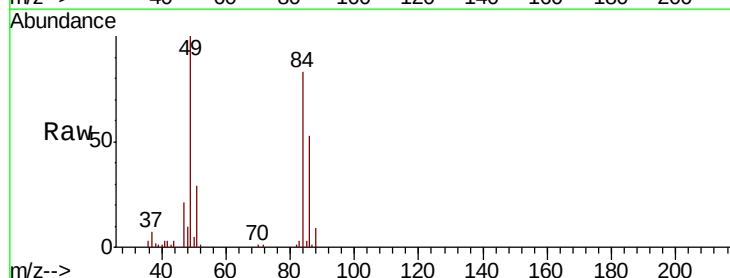
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBS01

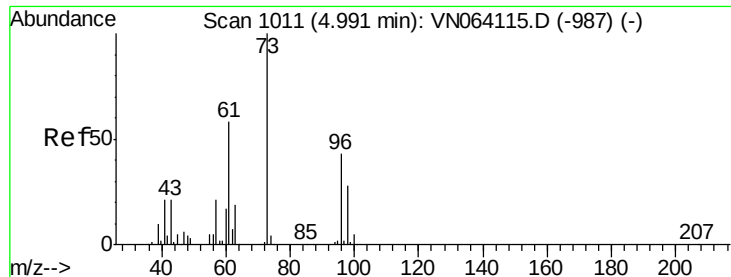
Tot Ion: 73 Resp: 181625
Ion Ratio Lower Upper
73 100
57 21.0 17.0 25.4



#20
Methylene Chloride
Concen: 18.437 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion: 84 Resp: 79727
Ion Ratio Lower Upper
84 100
49 121.1 97.4 146.0
51 35.1 29.7 44.5
86 64.3 52.5 78.7



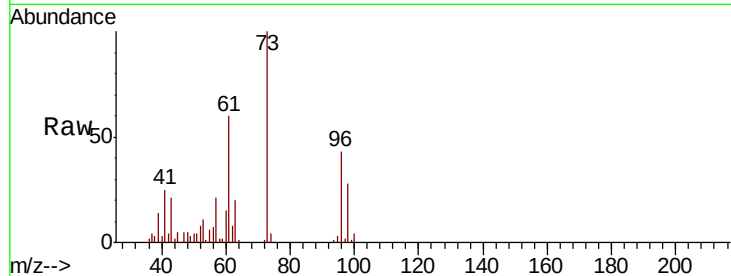


#21

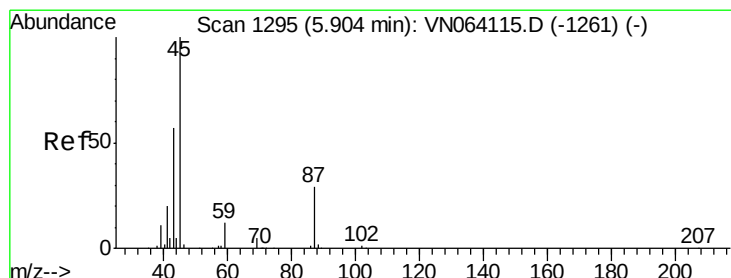
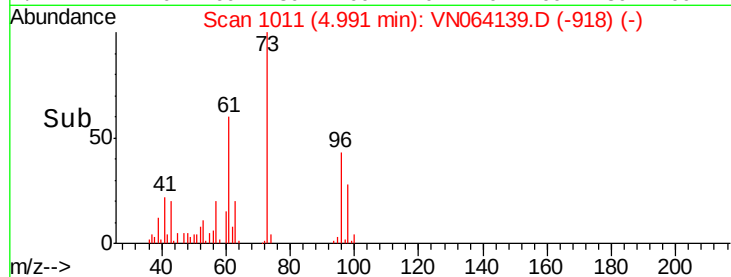
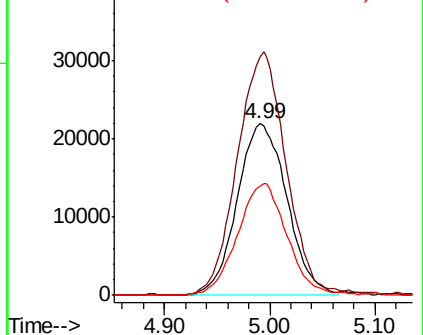
trans-1,2-Dichloroethene
Concen: 19.294 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBS01

Tot Ion: 96 Resp: 72076
Ion Ratio Lower Upper
96 100
61 138.3 107.0 160.4
98 62.7 51.0 76.6



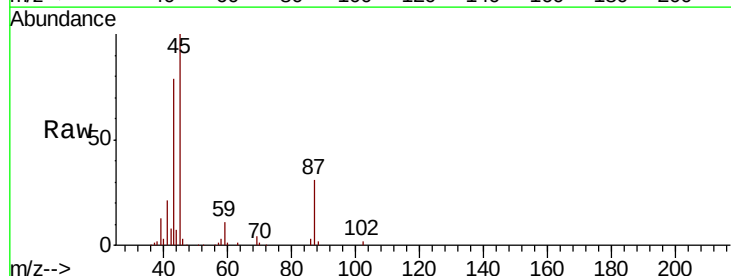
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



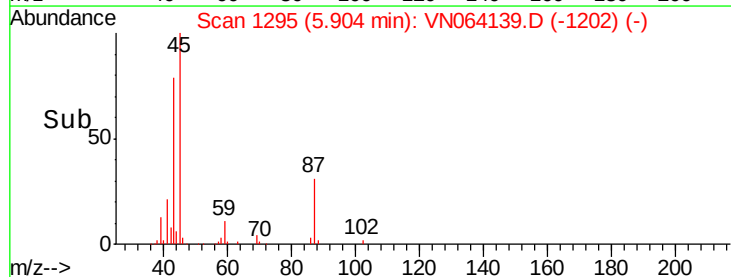
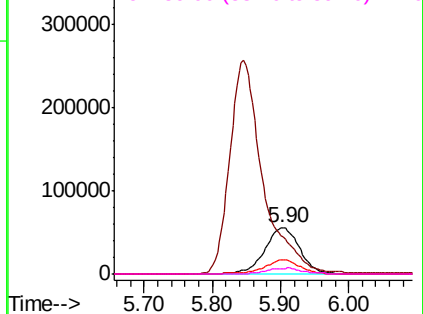
#22

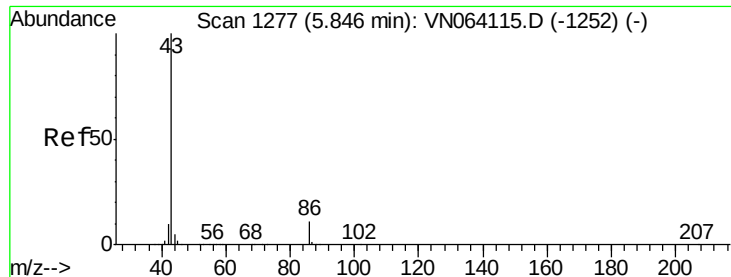
Diisopropyl ether
Concen: 19.826 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion: 45 Resp: 198001
Ion Ratio Lower Upper
45 100
43 78.8 50.9 76.3#
87 31.0 23.5 35.3
59 10.6 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

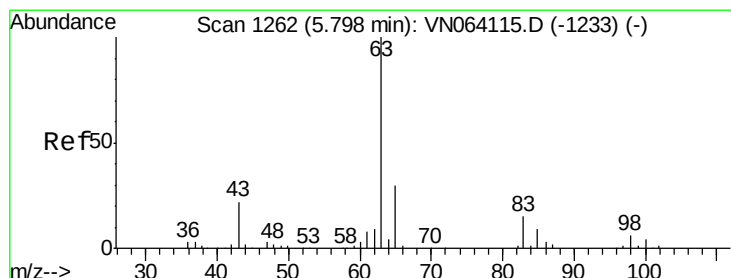
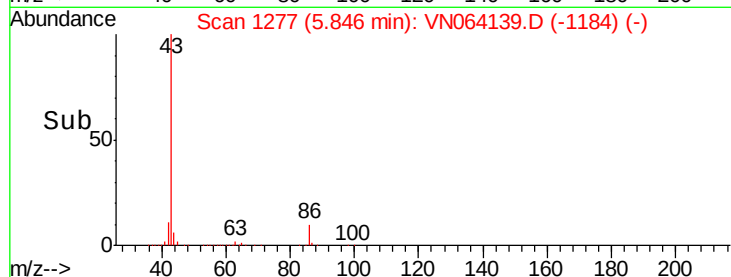
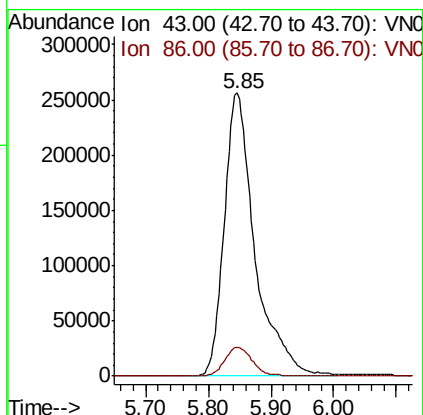
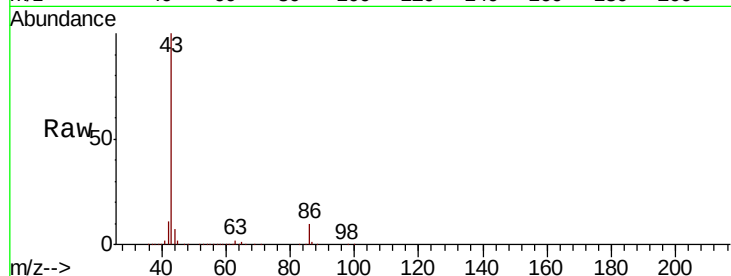




#23
 Vinyl Acetate
 Concen: 97.691 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

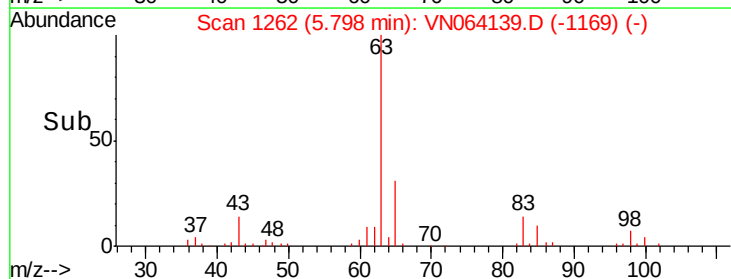
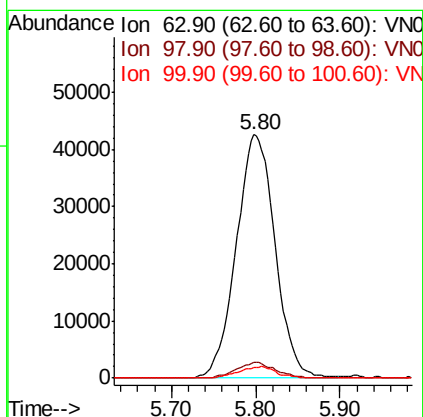
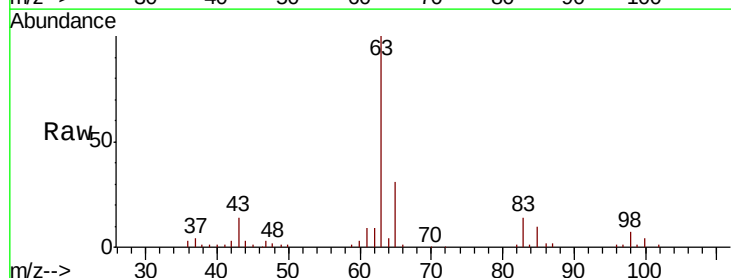
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBS01

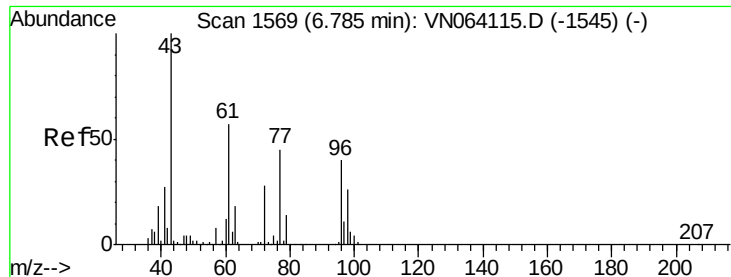
Tot Ion: 43 Resp: 871500
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 19.541 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

Tgt Ion: 63 Resp: 136285
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.3
 100 4.3 2.1 6.2

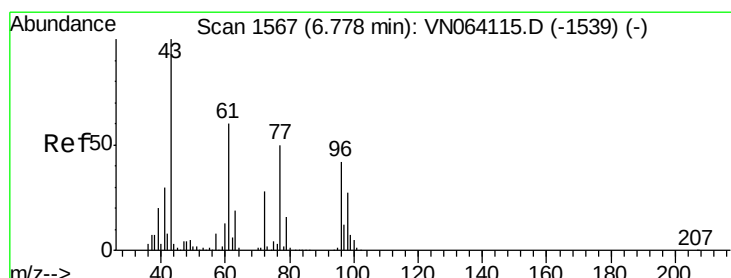
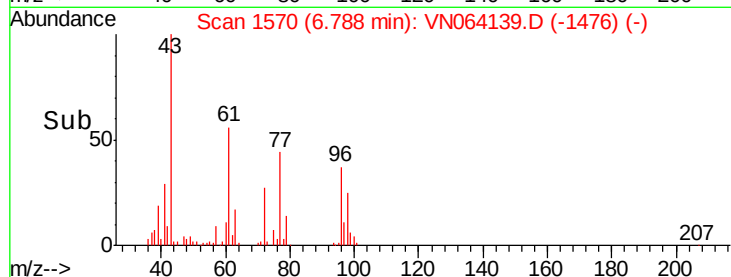
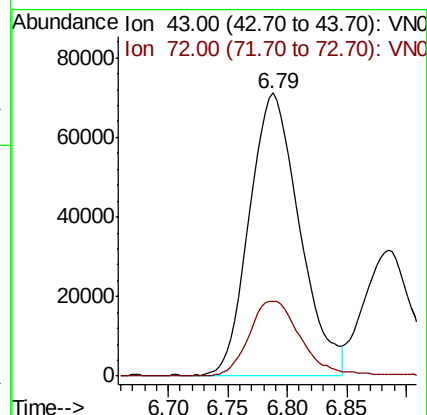
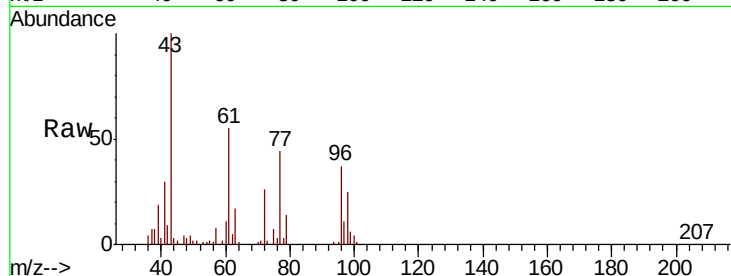




#25
2-Butanone
Concen: 96.234 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

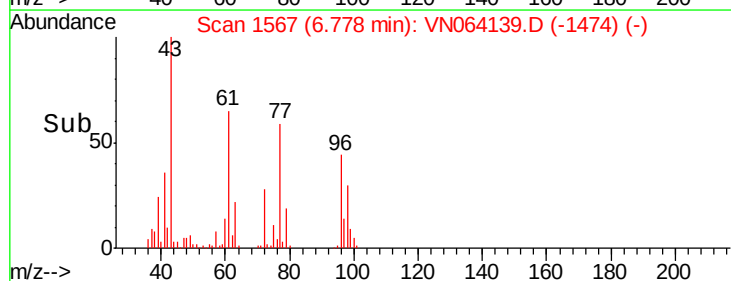
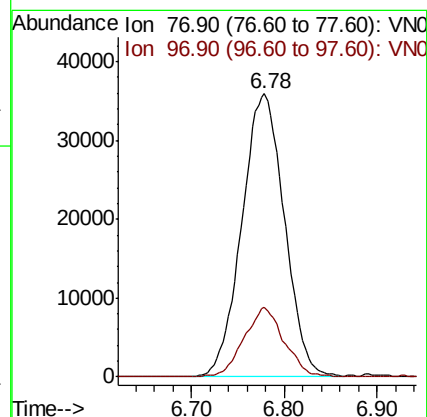
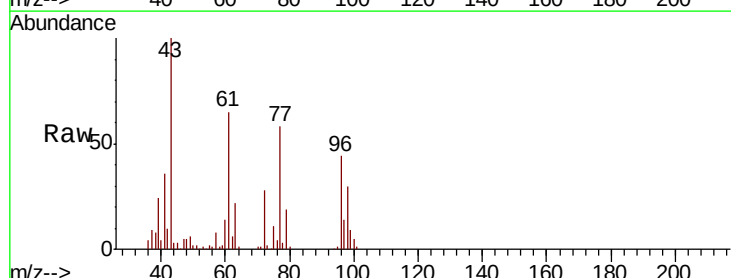
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBS01

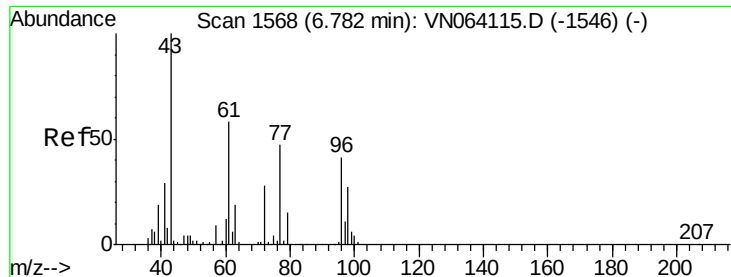
Tot Ion: 43 Resp: 206858
Ion Ratio Lower Upper
43 100
72 26.5 22.2 33.2



#26
2,2-Dichloropropane
Concen: 19.751 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion: 77 Resp: 114603
Ion Ratio Lower Upper
77 100
97 22.9 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 19.164 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBS01

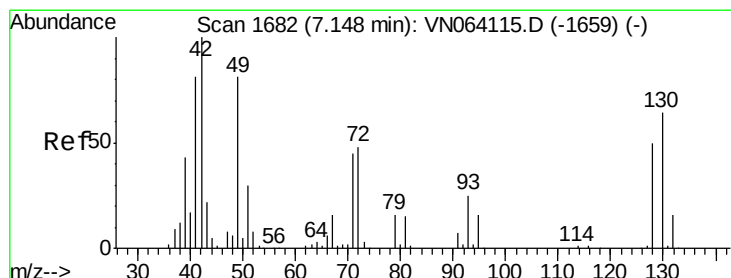
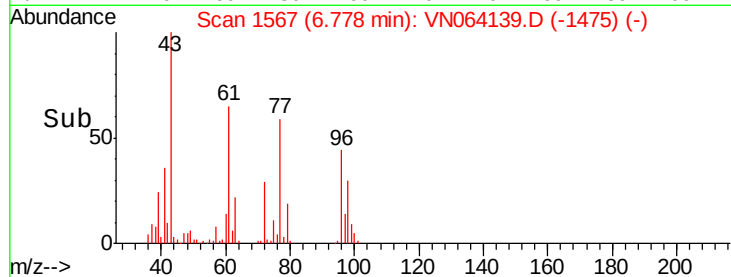
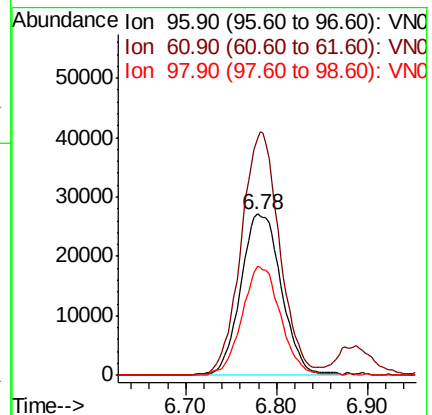
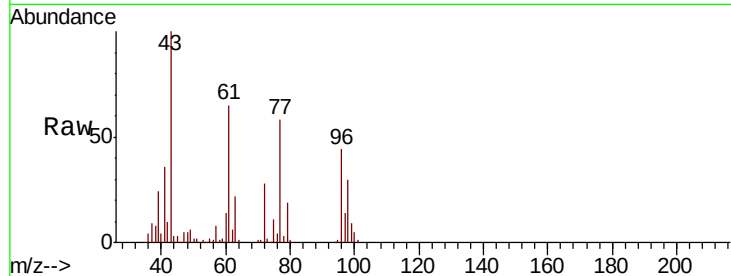
Tot Ion: 96 Resp: 84215

Ion Ratio Lower Upper

96 100

61 142.8 0.0 285.6

98 64.1 0.0 131.0



#28

Bromochloromethane

Concen: 17.554 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

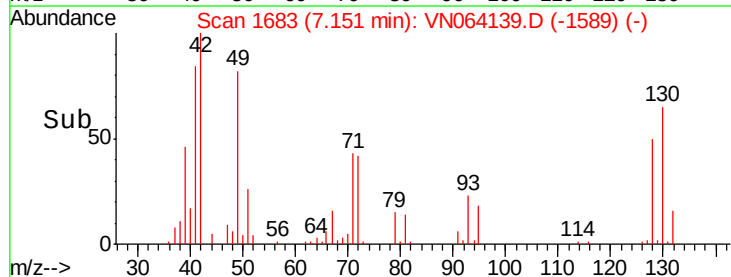
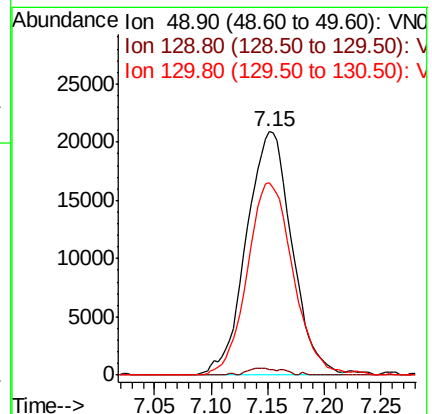
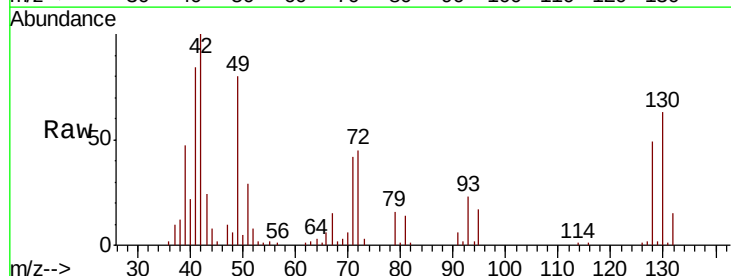
Tgt Ion: 49 Resp: 58312

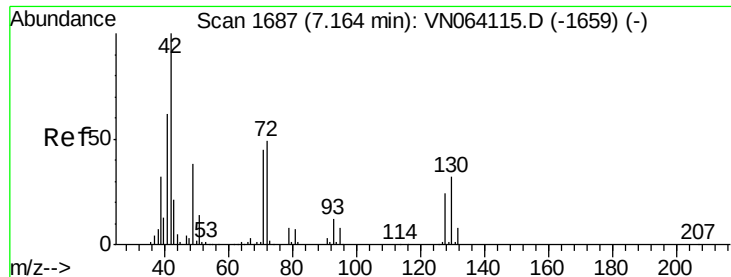
Ion Ratio Lower Upper

49 100

129 1.6 0.0 2.0

130 79.4 0.0 0.0#

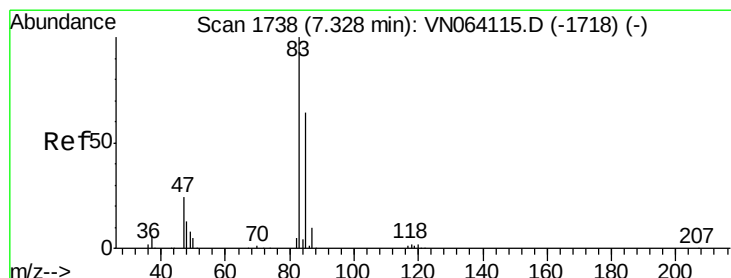
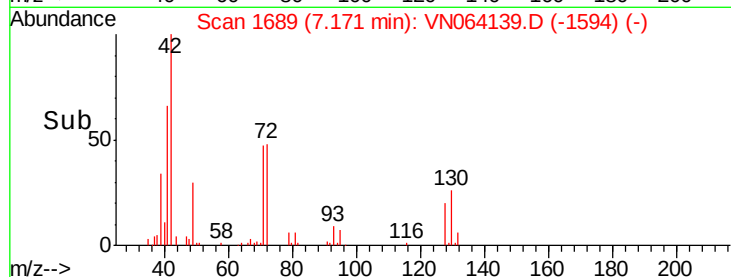
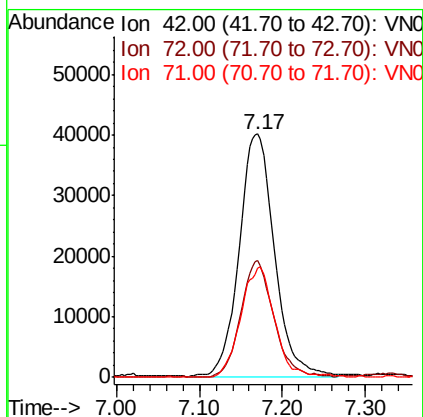
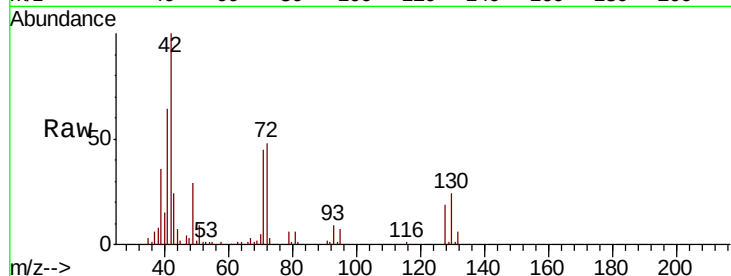




#29
Tetrahydrofuran
Concen: 94.077 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

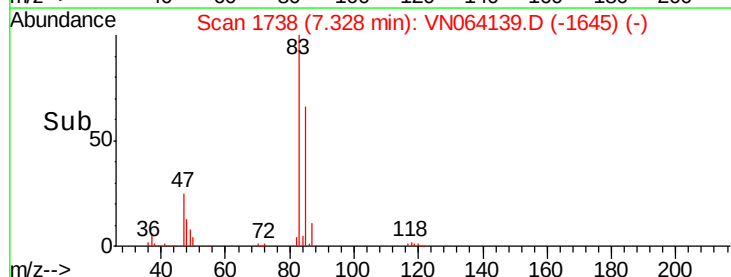
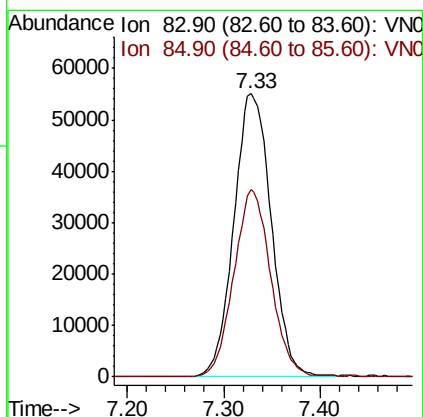
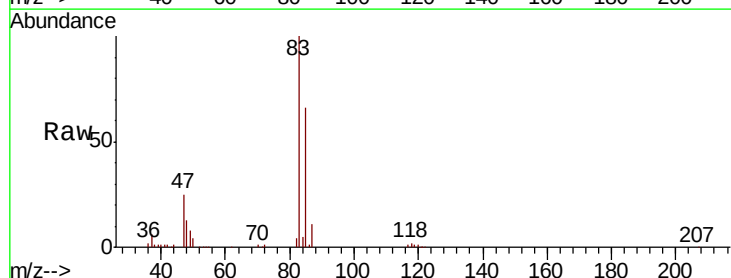
Instrument :
MSVOA_N
ClientSampled :
VN1015WBS01

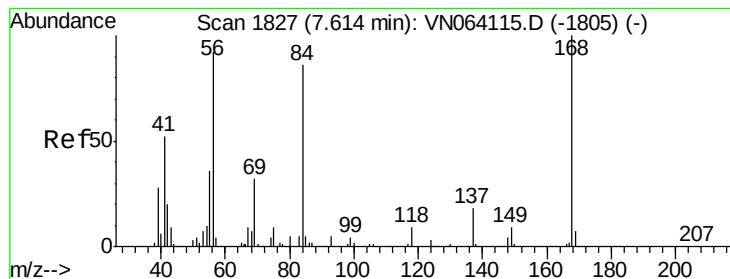
Tot Ion: 42 Resp: 118186
Ion Ratio Lower Upper
42 100
72 45.2 37.8 56.6
71 43.3 35.3 52.9



#30
Chloroform
Concen: 19.895 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion: 83 Resp: 147817
Ion Ratio Lower Upper
83 100
85 66.4 51.5 77.3





#31

Cyclohexane

Concen: 18.199 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBS01

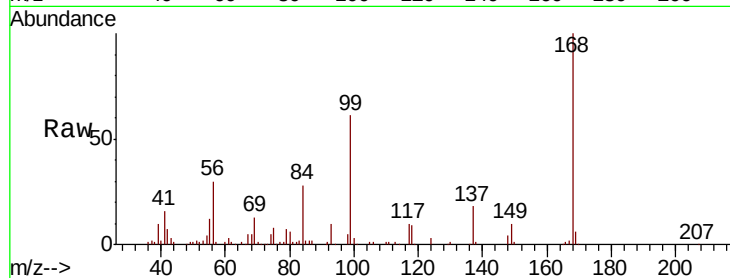
Tot Ion: 56 Resp: 94791

Ion Ratio Lower Upper

56 100

69 42.3 27.8 41.6#

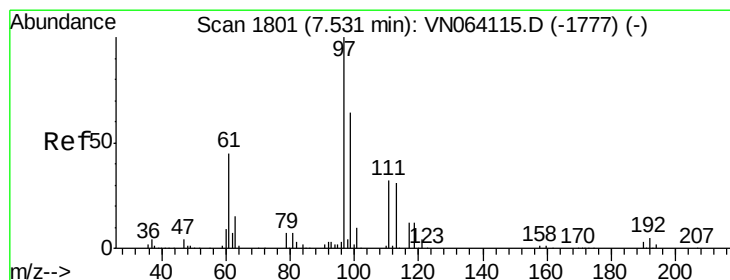
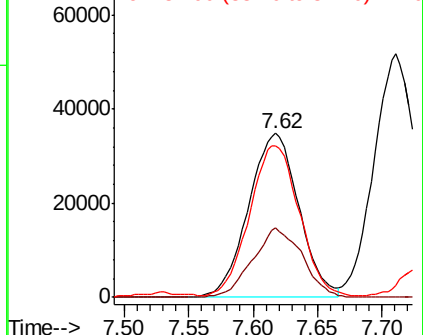
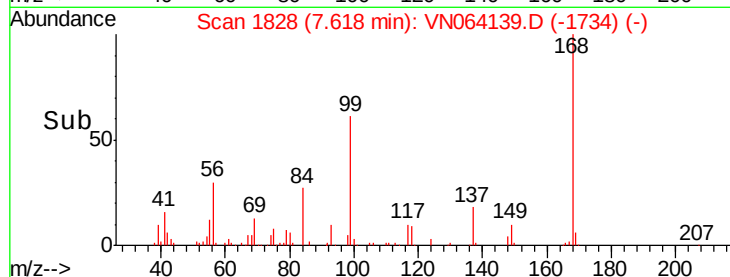
84 90.3 73.2 109.8



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: 19.433 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

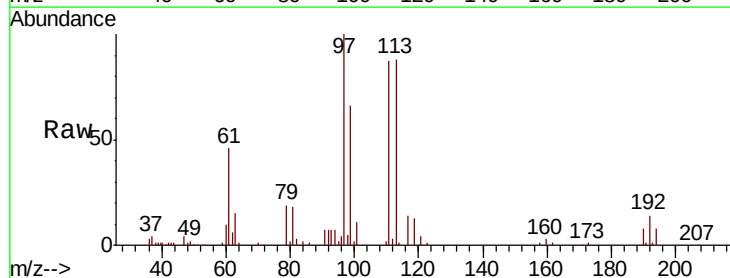
Tgt Ion: 97 Resp: 124766

Ion Ratio Lower Upper

97 100

99 63.8 50.2 75.2

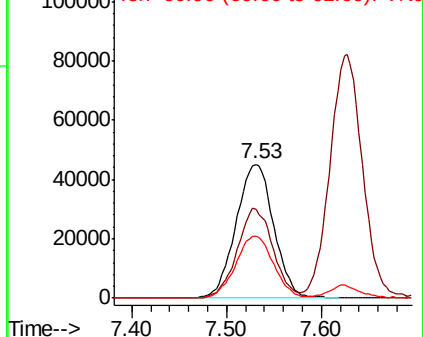
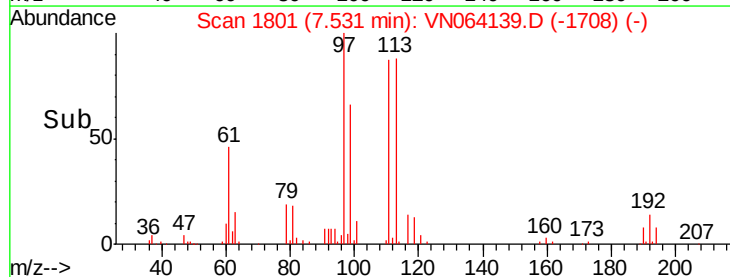
61 46.4 35.6 53.4

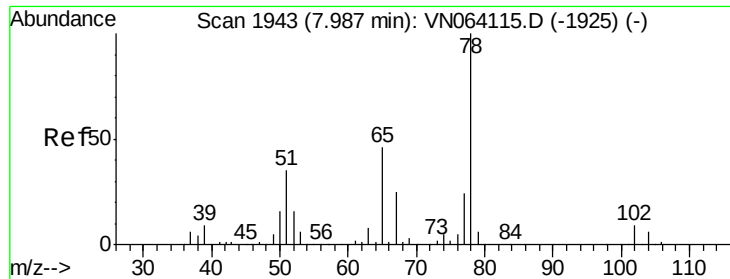


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 49.963 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

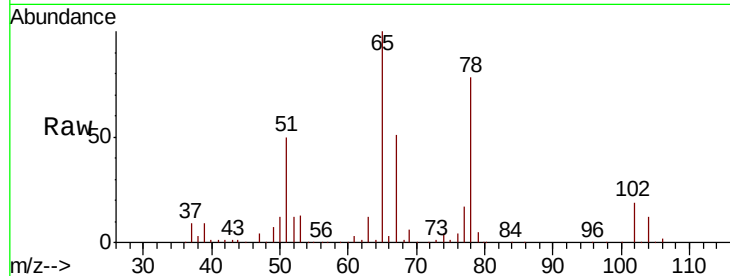
VN1015WBS01

Tot Ion: 65 Resp: 235402

Ion Ratio Lower Upper

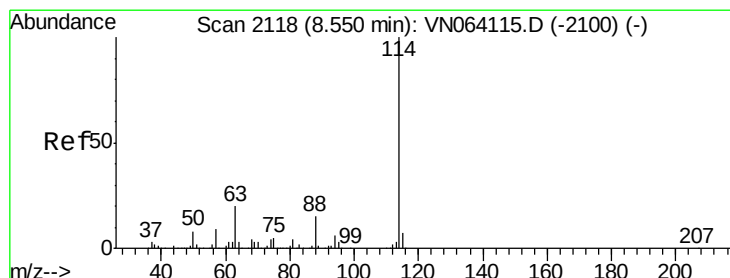
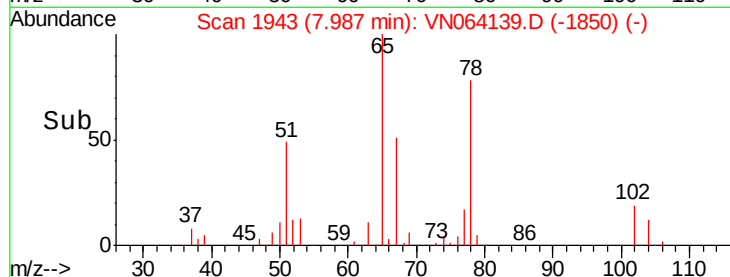
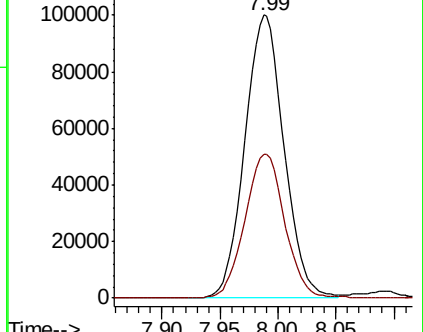
65 100

67 51.5 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VN064139.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064139.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

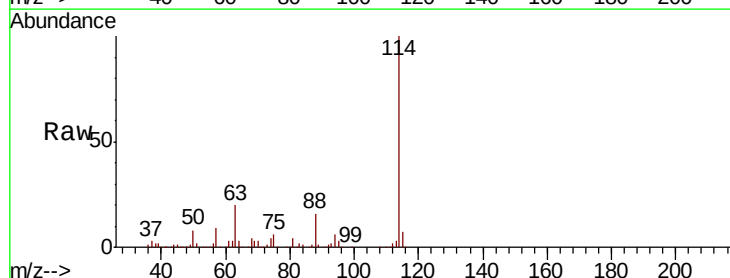
Tgt Ion: 114 Resp: 556013

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.0

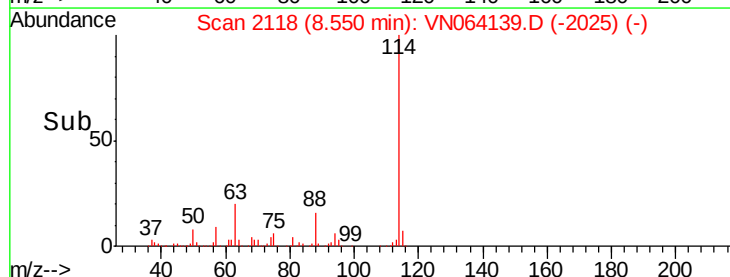
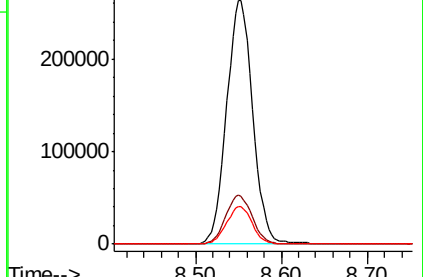
88 15.5 0.0 29.2

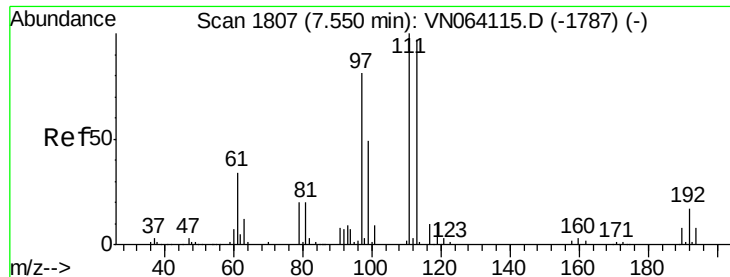


Abundance Ion 113.90 (113.60 to 114.60): VN064139.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064139.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064139.D (-2025) (-)

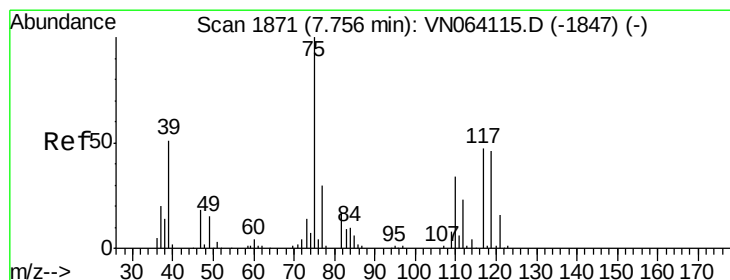
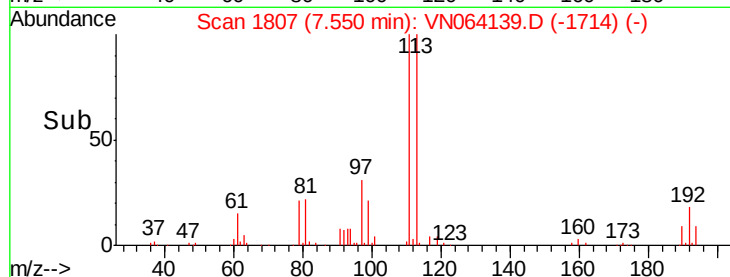
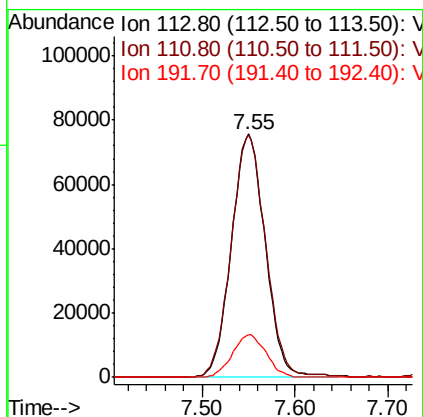
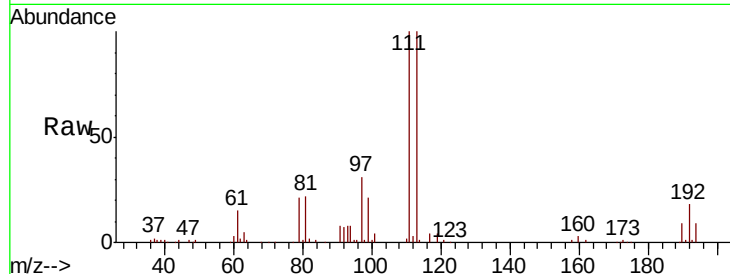




#35
 Dibromofluoromethane
 Concen: 49.790 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

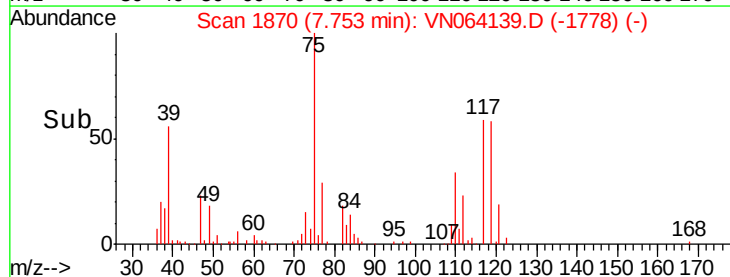
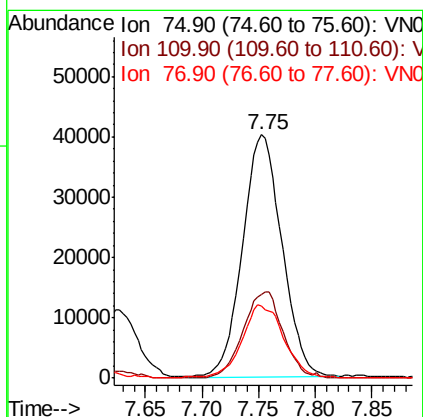
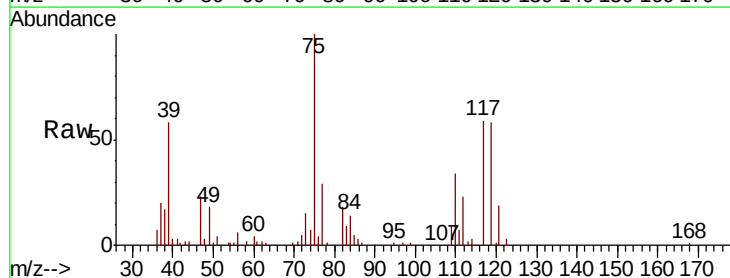
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBS01

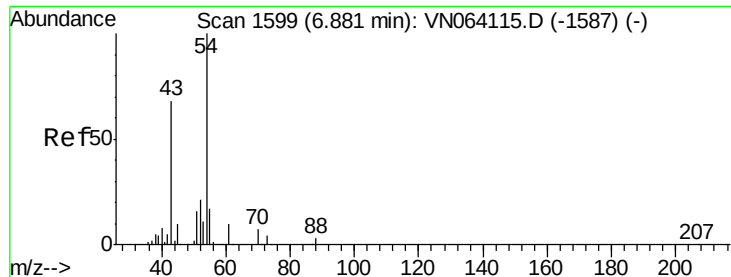
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.9	122.9
192	17.4	14.3	21.5



#36
 1,1-Dichloropropene
 Concen: 18.131 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.1	17.8	53.3
77	32.0	24.9	37.3

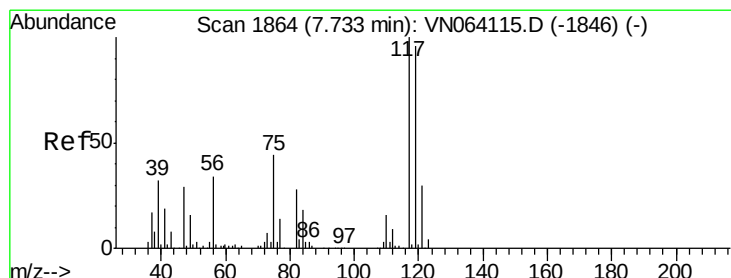
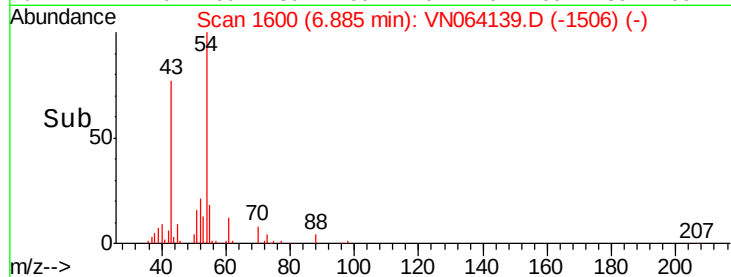
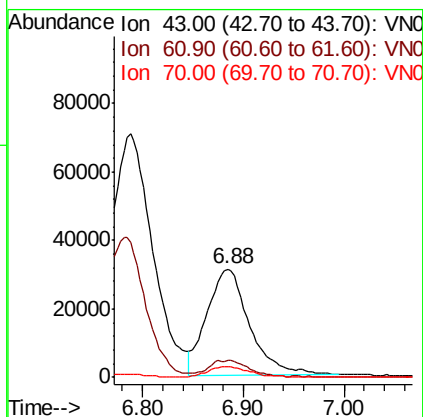
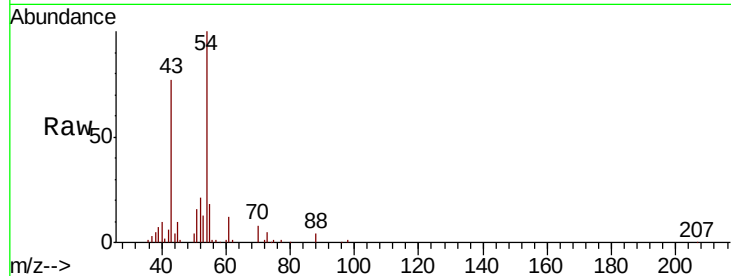




#37
Ethyl Acetate
Concen: 19.196 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

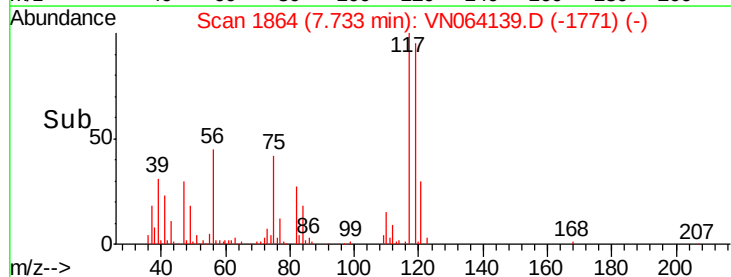
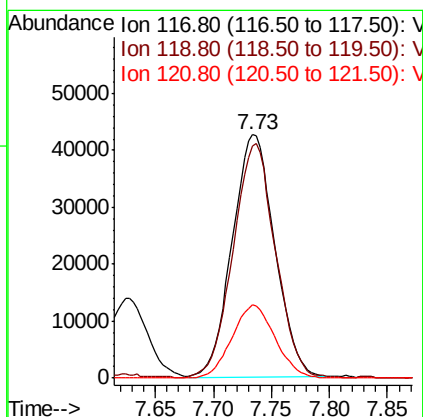
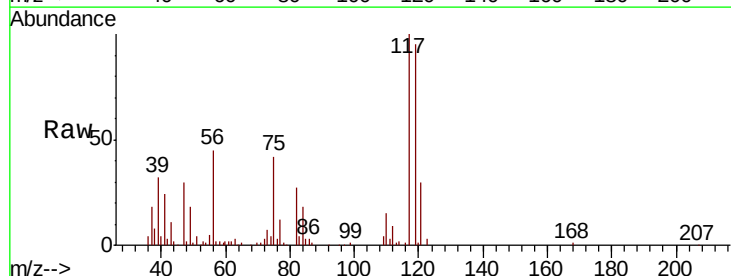
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBS01

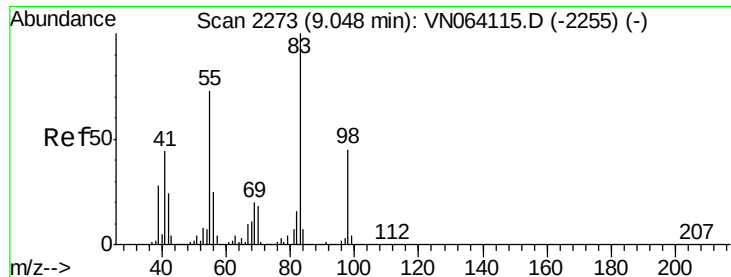
Tot Ion: 43 Resp: 91298
Ion Ratio Lower Upper
43 100
61 4.1 11.3 16.9#
70 10.1 7.7 11.5



#38
Carbon Tetrachloride
Concen: 18.815 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion: 117 Resp: 108429
Ion Ratio Lower Upper
117 100
119 95.4 77.0 115.4
121 30.1 24.2 36.4

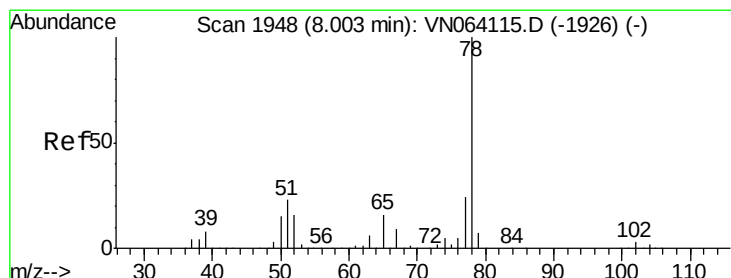
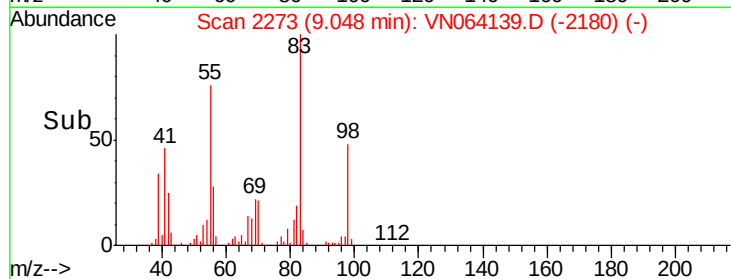
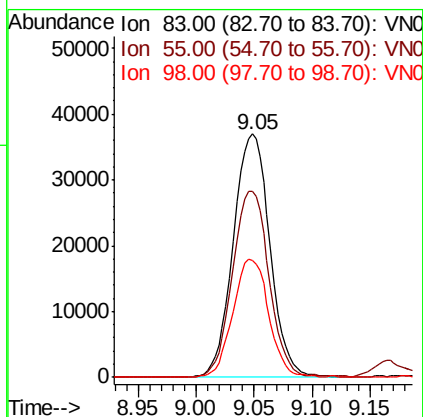
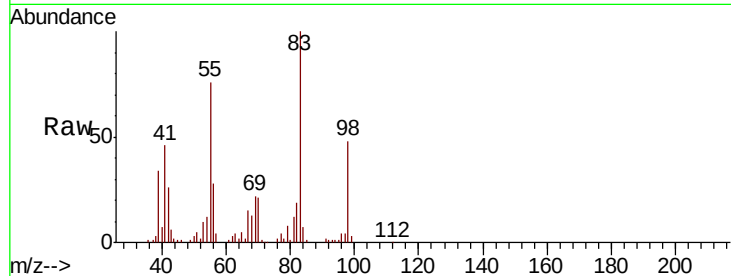




#39
Methylvlcyclohexane
Concen: 18.008 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

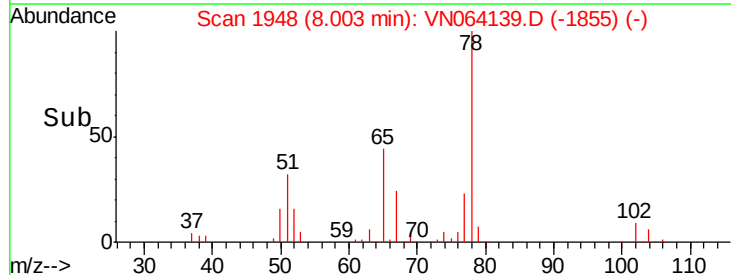
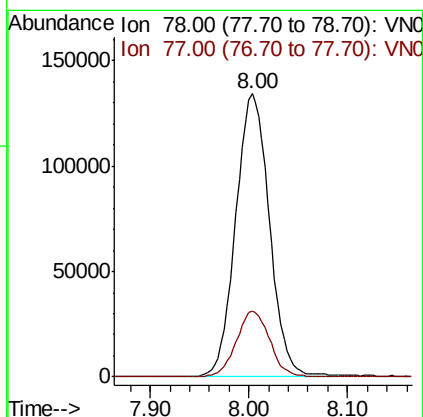
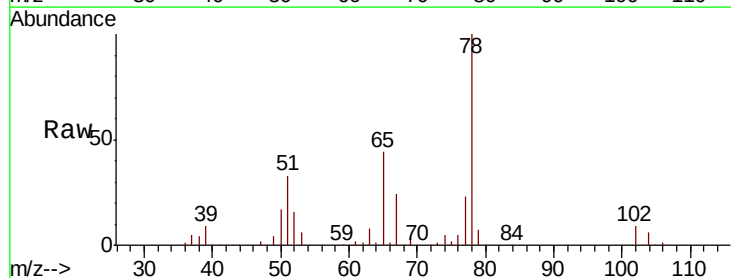
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBS01

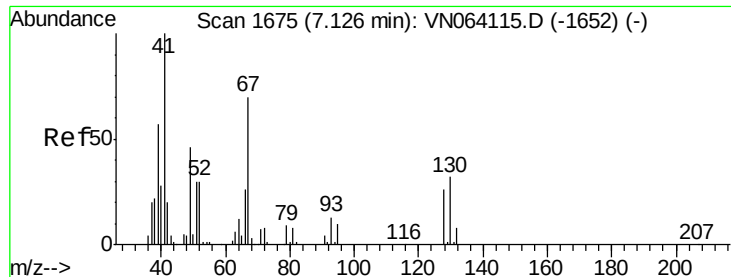
Tot Ion: 83 Resp: 81134
Ion Ratio Lower Upper
83 100
55 76.5 58.5 87.7
98 48.2 36.2 54.2



#40
Benzene
Concen: 19.667 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion: 78 Resp: 319182
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9

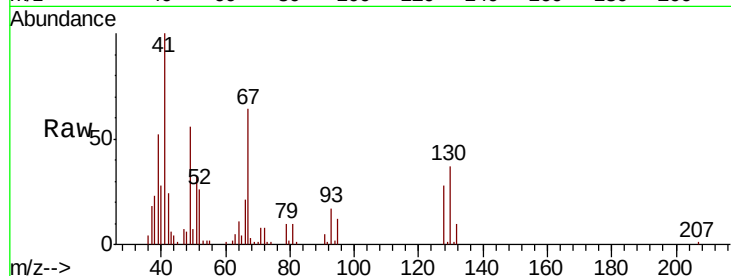




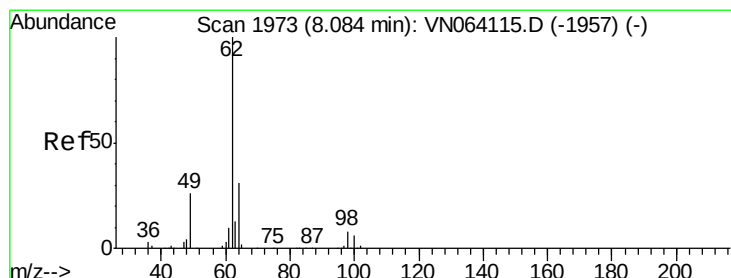
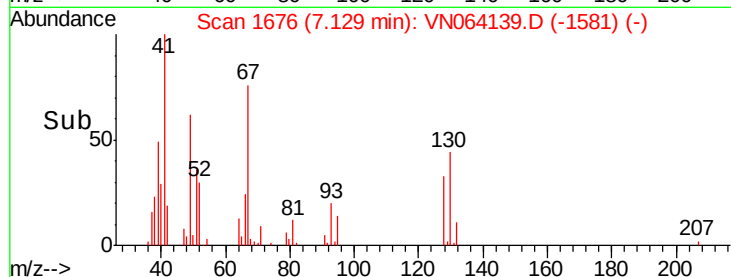
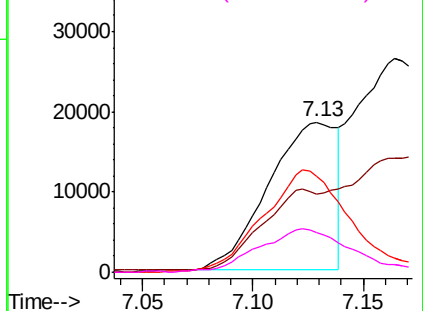
#41
Methacrylonitrile
Concen: 19.228 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBS01

Tot Ion: 41 Resp: 39594
Ion Ratio Lower Upper
41 100
39 43.5 50.7 76.1#
67 88.1 73.8 110.6
52 39.4 32.2 48.4

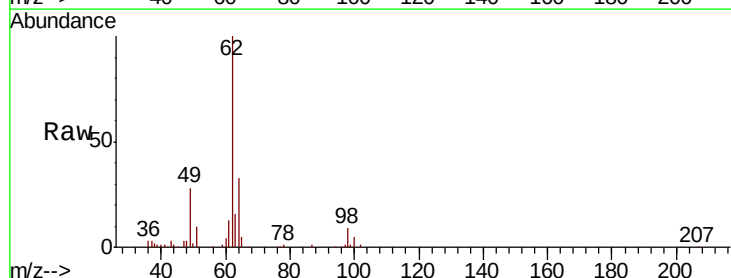


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

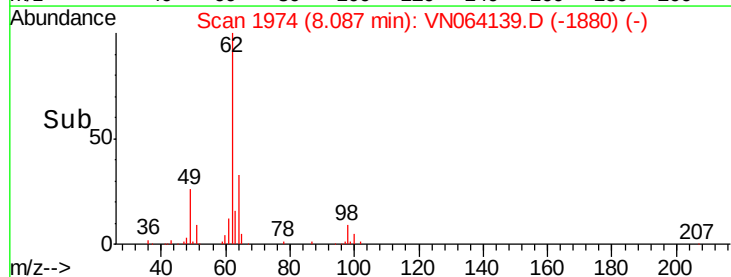
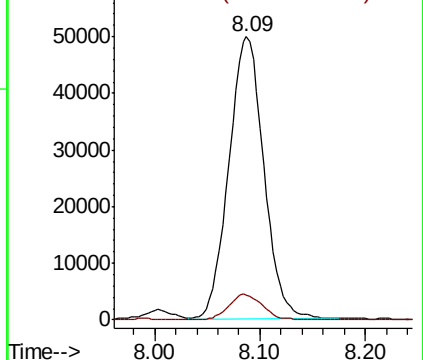


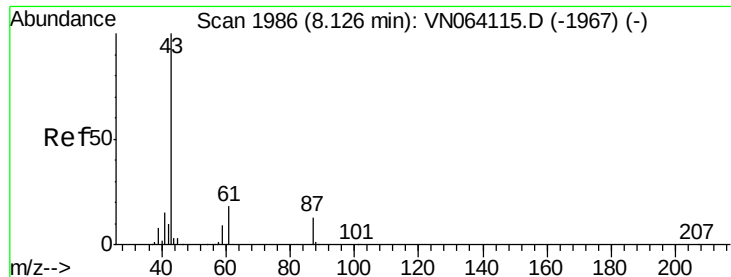
#42
1,2-Dichloroethane
Concen: 19.888 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion: 62 Resp: 114846
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.6



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





#43

Isopropyl Acetate

Concen: 18.739 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBS01

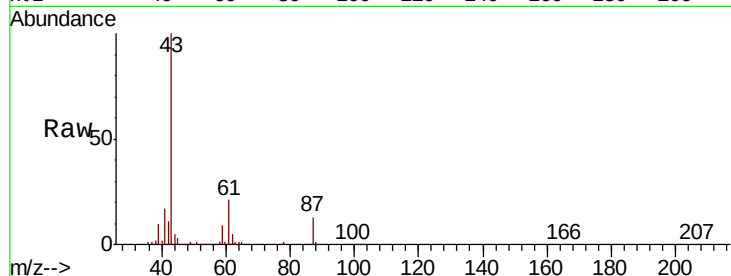
Tot Ion: 43 Resp: 147894

Ion Ratio Lower Upper

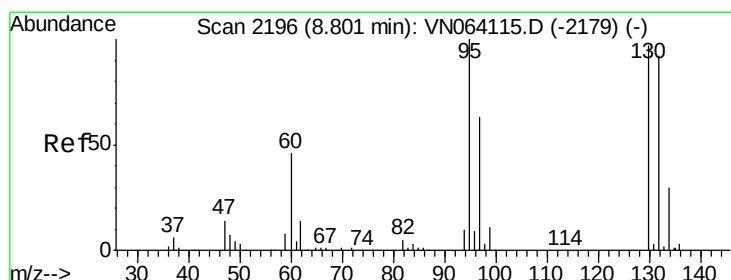
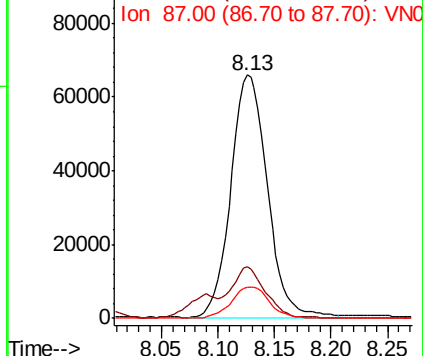
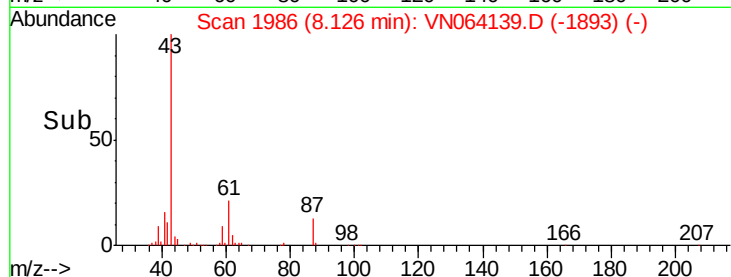
43 100

61 18.7 21.9 32.9#

87 13.5 11.0 16.4



Abundance Ion 43.00 (42.70 to 43.70): VN064139.D (-1983) (-)



#44

Trichloroethene

Concen: 19.111 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN064139.D

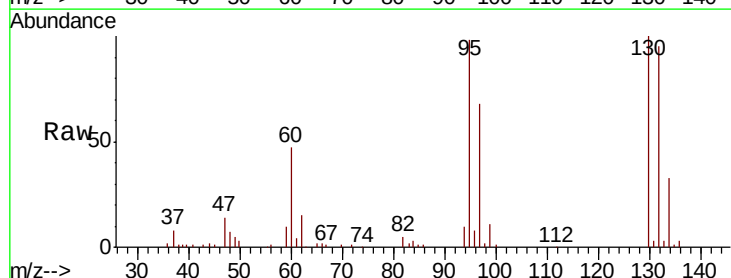
Acq: 15 Oct 2020 13:26

Tgt Ion:130 Resp: 81558

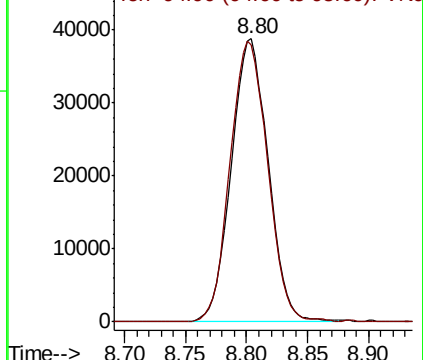
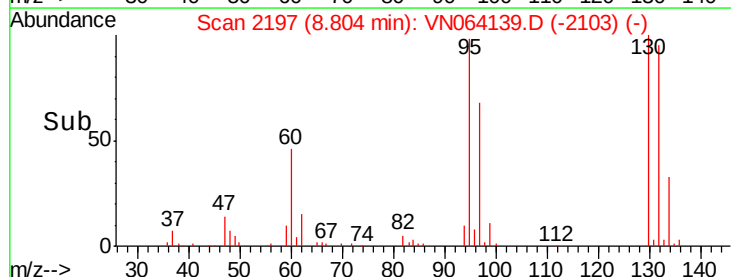
Ion Ratio Lower Upper

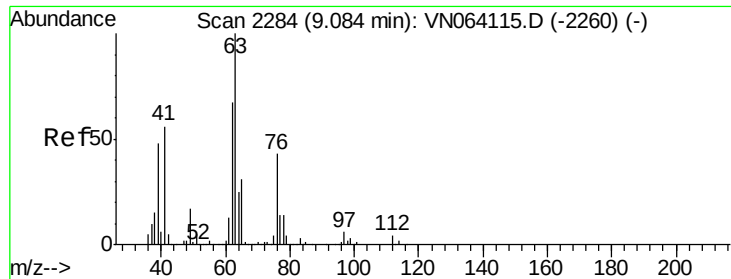
130 100

95 97.8 0.0 206.2



Abundance Ion 129.80 (129.50 to 130.50): VN064139.D (-2103) (-)

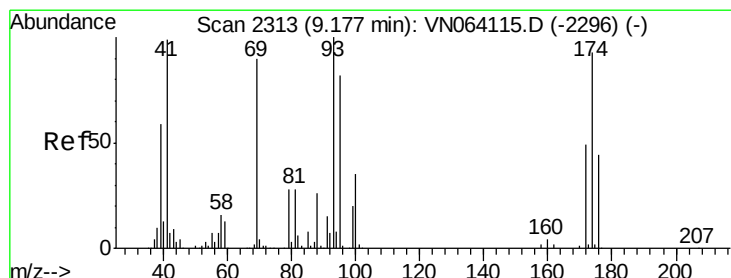
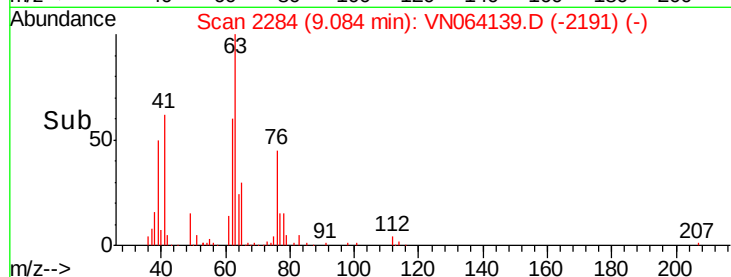
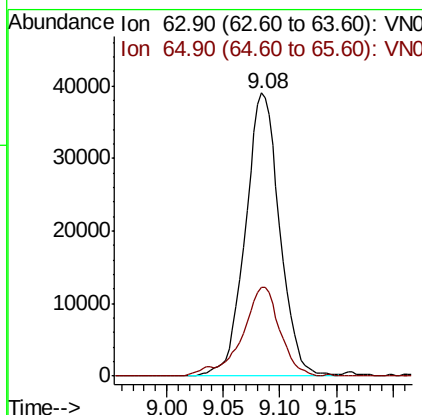
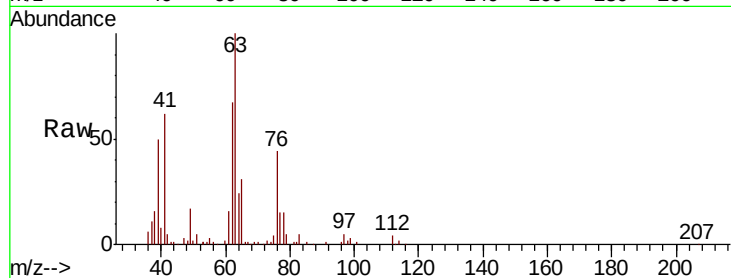




#45
 1,2-Dichloropropane
 Concen: 19.323 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

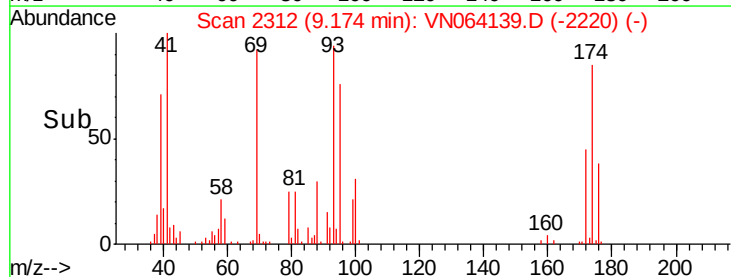
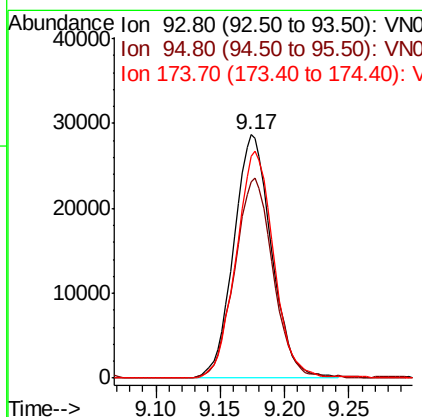
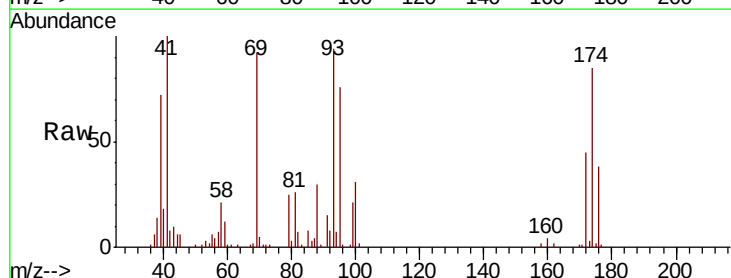
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBS01

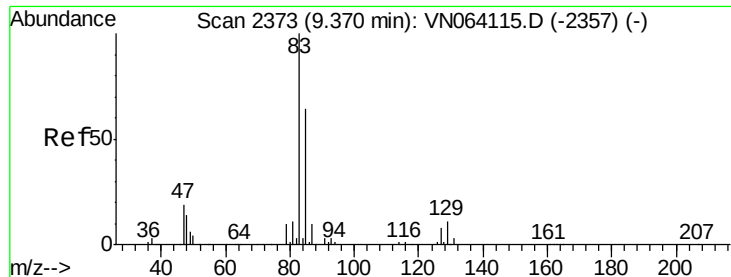
Tot Ion: 63 Resp: 82163
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.6



#46
 Dibromomethane
 Concen: 19.401 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

Tgt Ion: 93 Resp: 58526
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.8 100.2
 174 92.1 75.2 112.8





#47

Bromodichloromethane

Concen: 19.846 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBS01

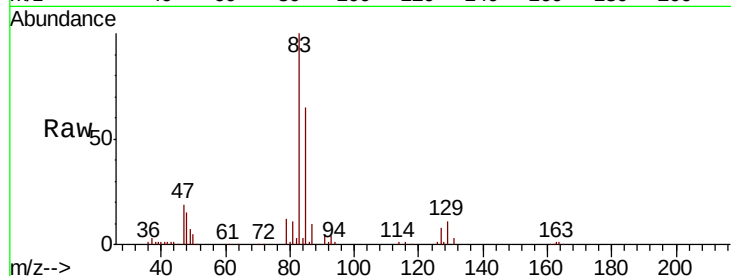
Tot Ion: 83 Resp: 117132

Ion Ratio Lower Upper

83 100

85 64.6 50.8 76.2

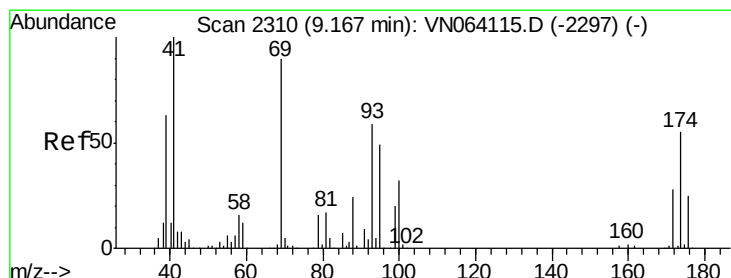
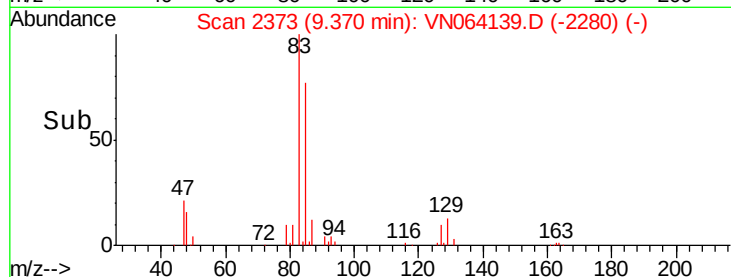
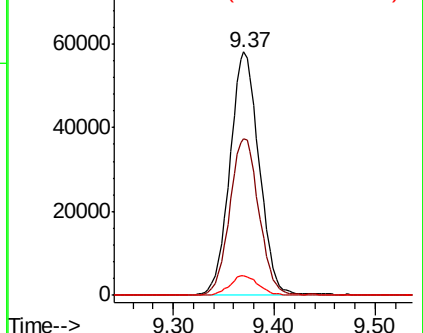
127 8.2 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN064139.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064139.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064139.D (-2280) (-)



#48

Methyl methacrylate

Concen: 17.965 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

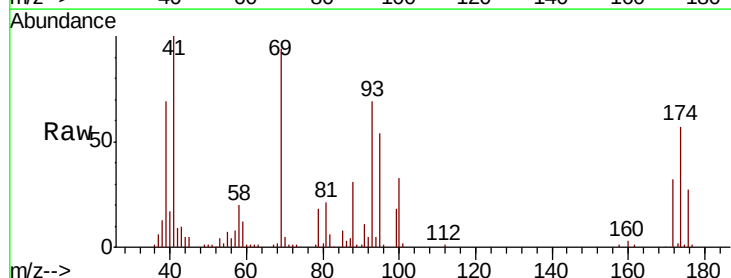
Tgt Ion: 41 Resp: 65494

Ion Ratio Lower Upper

41 100

69 94.9 71.4 107.2

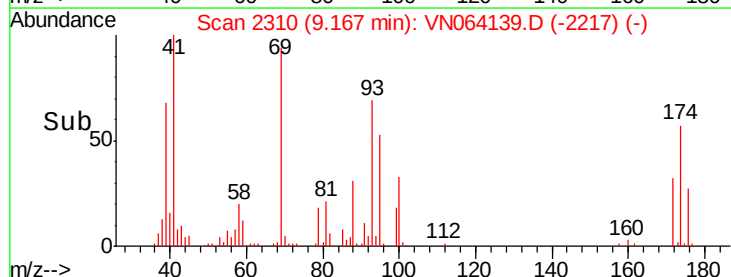
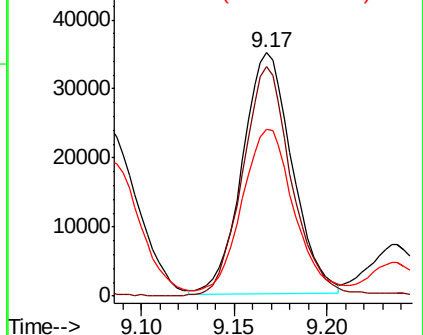
39 71.5 52.5 78.7

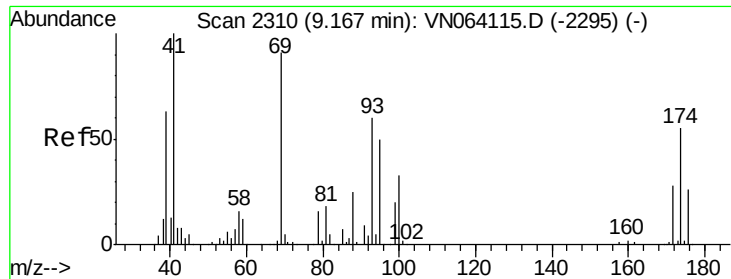


Abundance Ion 41.00 (40.70 to 41.70): VN064139.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064139.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064139.D (-2217) (-)

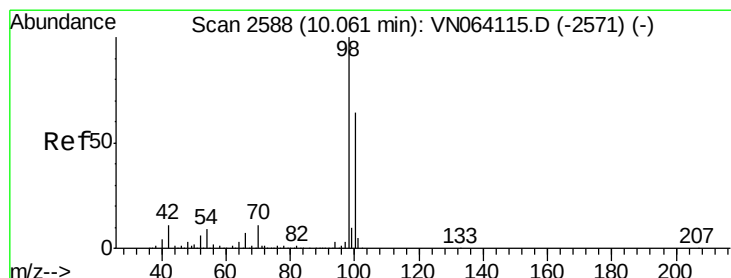
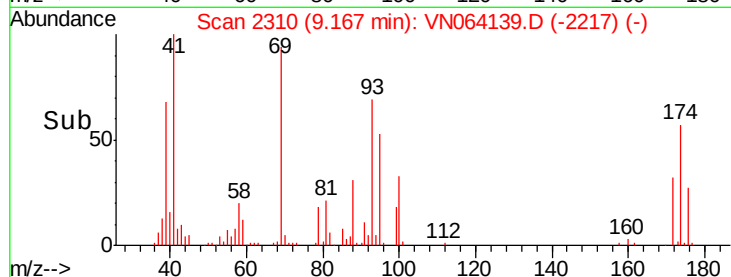
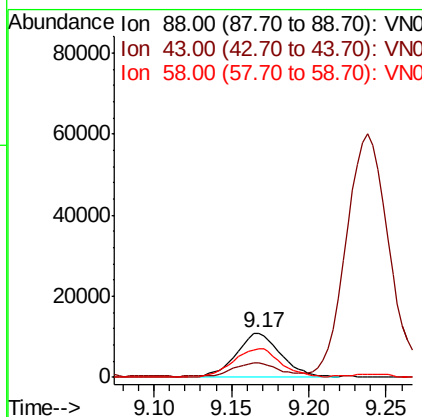
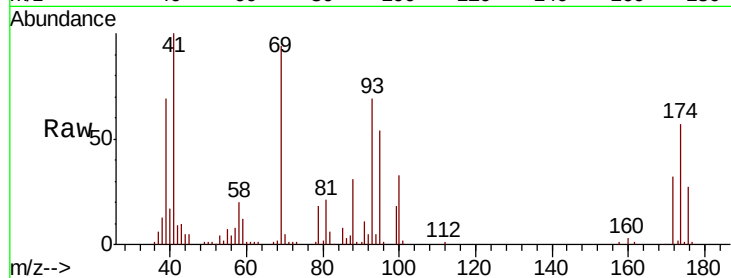




#49
 1,4-Dioxane
 Concen: 396.142 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

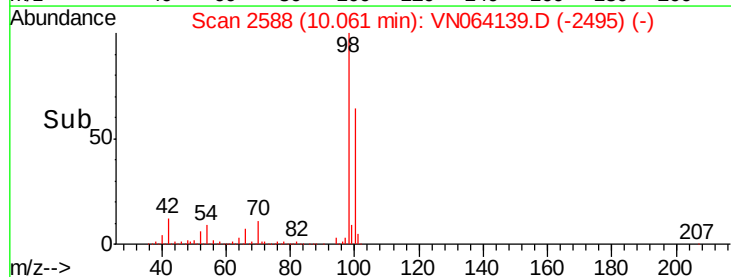
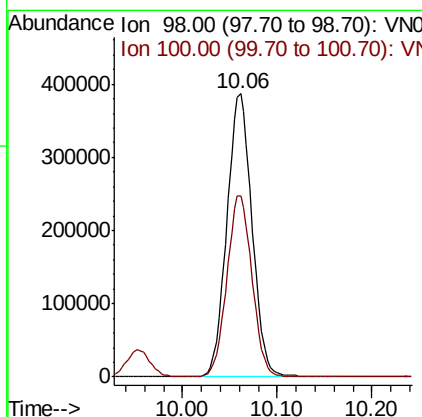
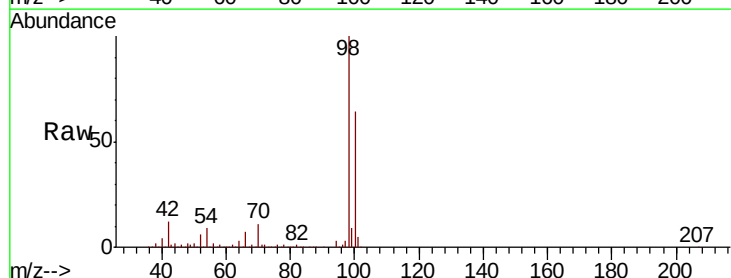
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBS01

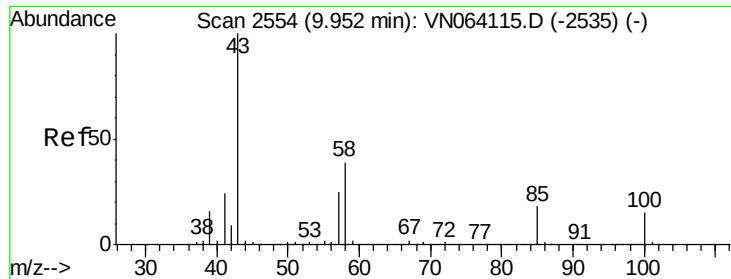
Tot Ion: 88 Resp: 21930
 Ion Ratio Lower Upper
 88 100
 43 31.1 27.2 40.8
 58 69.1 52.6 78.8



#50
 Toluene-d8
 Concen: 49.208 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

Tgt Ion: 98 Resp: 714534
 Ion Ratio Lower Upper
 98 100
 100 63.5 50.8 76.2





#51

4-Methyl-2-Pentanone

Concen: 98.670 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampled :

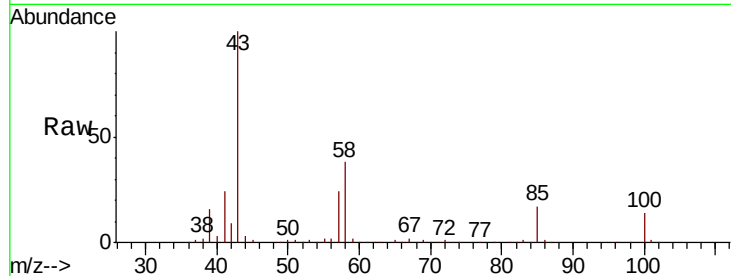
VN1015WBS01

Tot Ion: 43 Resp: 460813

Ion Ratio Lower Upper

43 100

58 38.1 31.2 46.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.95

250000

200000

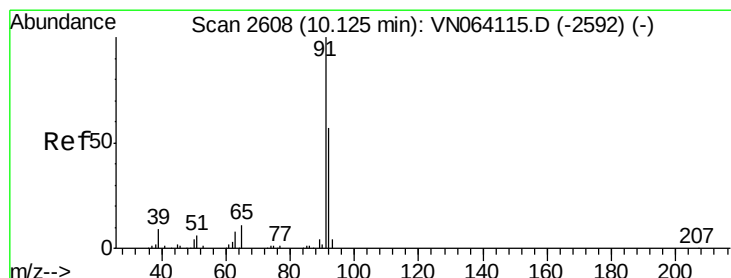
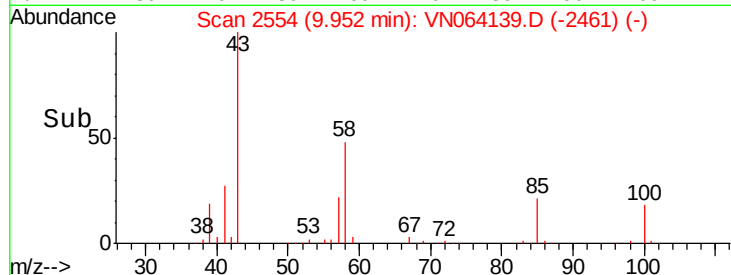
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.587 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064139.D

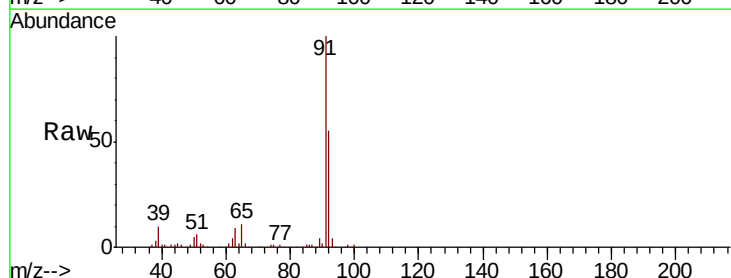
Acq: 15 Oct 2020 13:26

Tgt Ion: 92 Resp: 195319

Ion Ratio Lower Upper

92 100

91 177.5 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.13

200000

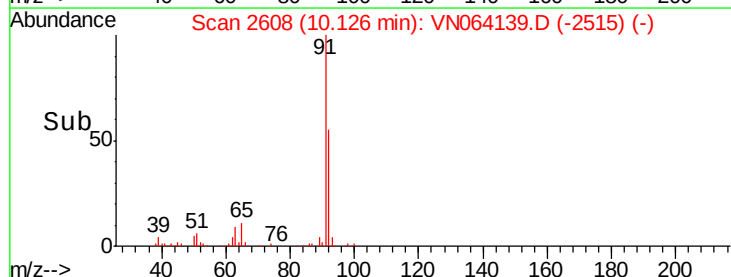
150000

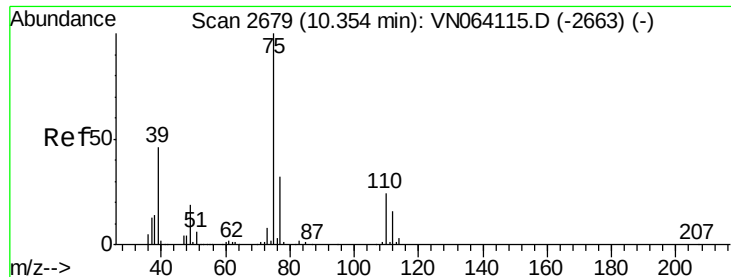
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.309 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

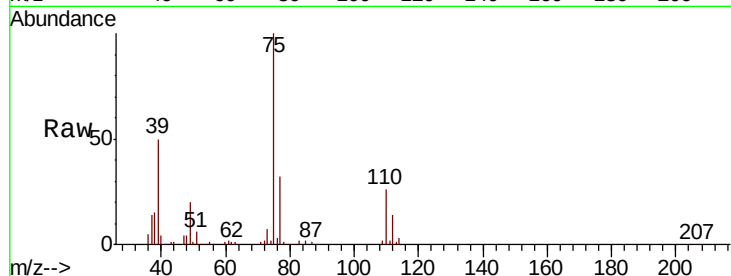
VN1015WBS01

Tot Ion: 75 Resp: 116931

Ion Ratio Lower Upper

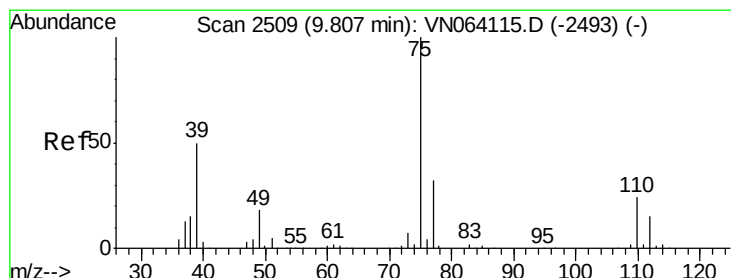
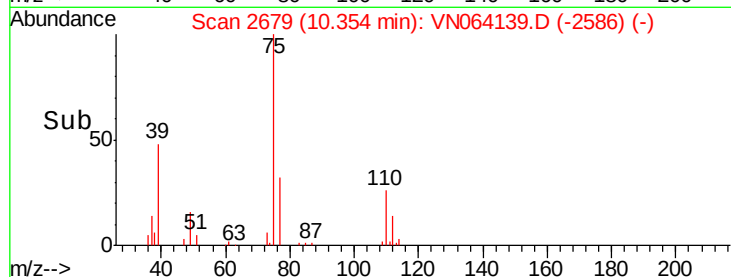
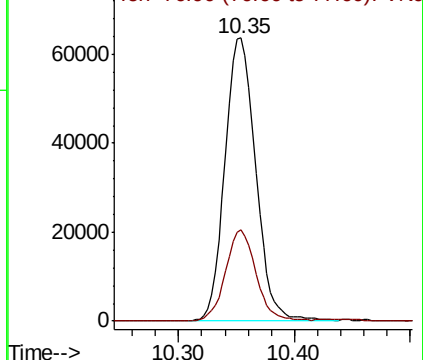
75 100

77 32.1 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 19.285 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

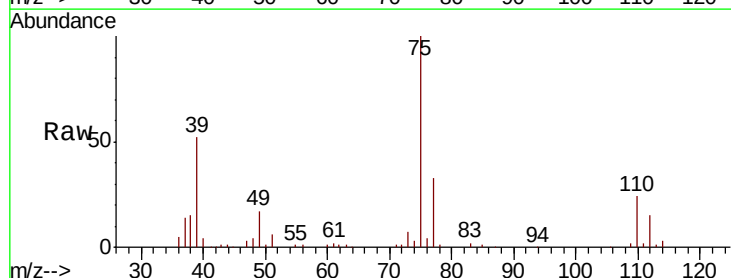
Tgt Ion: 75 Resp: 128325

Ion Ratio Lower Upper

75 100

77 32.6 25.2 37.8

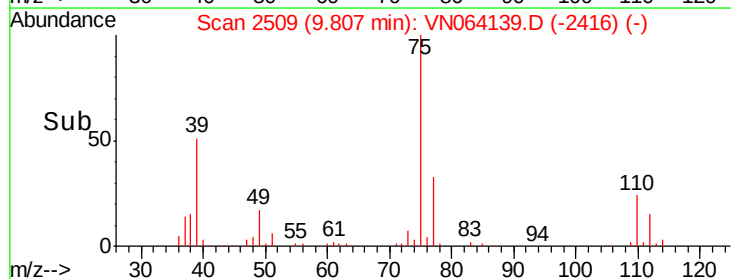
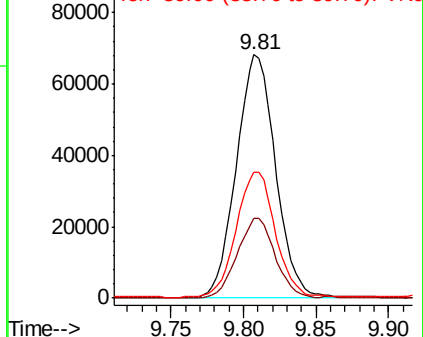
39 51.2 39.8 59.8

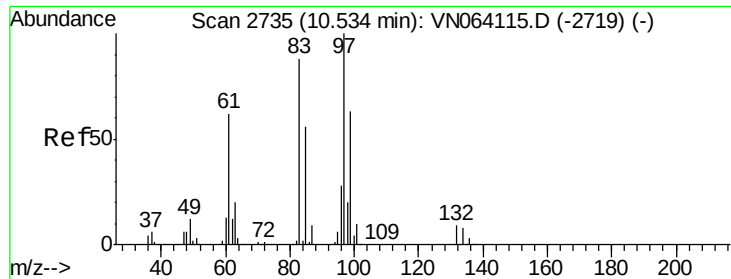


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

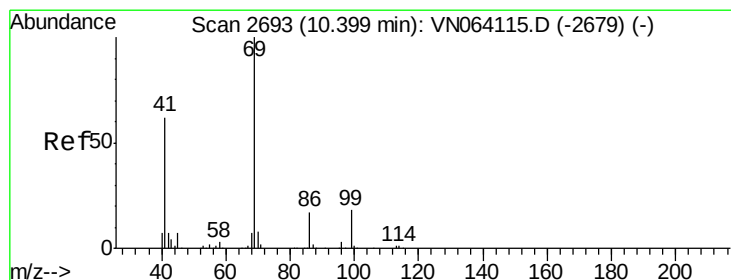
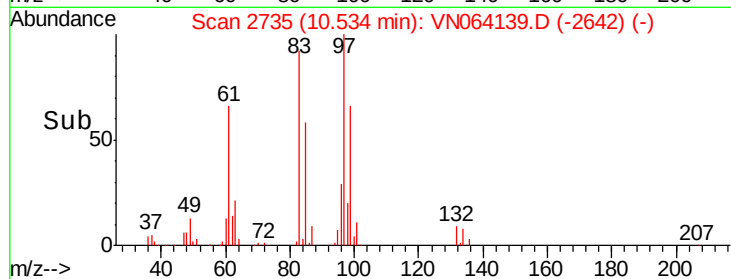
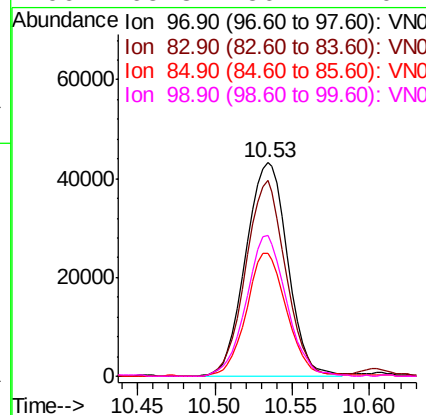
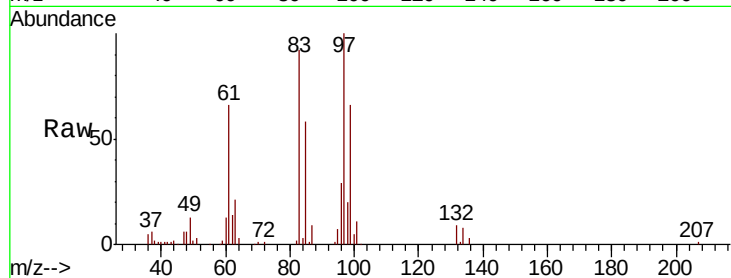




#55
 1,1,2-Trichloroethane
 Concen: 19.707 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

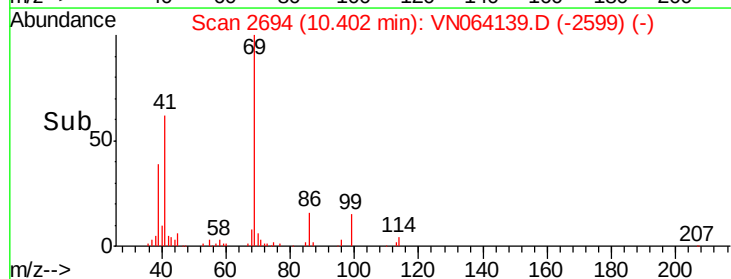
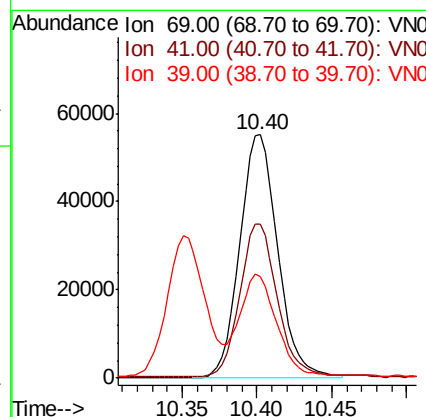
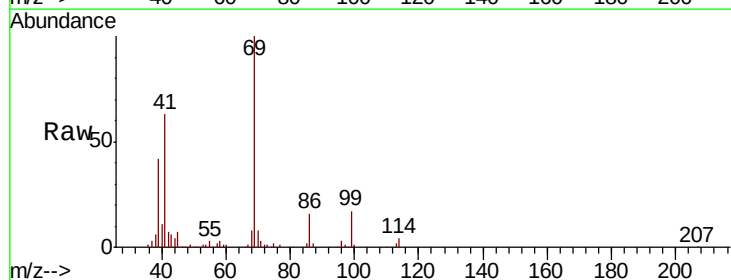
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBS01

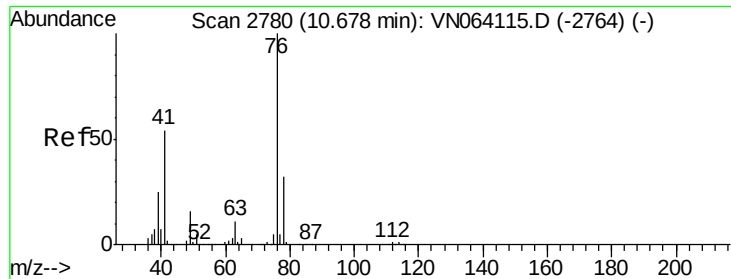
Tot Ion: 97 Resp: 81412
 Ion Ratio Lower Upper
 97 100
 83 91.6 70.2 105.4
 85 57.7 45.0 67.6
 99 65.8 50.7 76.1



#56
 Ethyl methacrylate
 Concen: 17.864 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

Tgt Ion: 69 Resp: 97662
 Ion Ratio Lower Upper
 69 100
 41 61.8 49.3 73.9
 39 39.3 32.7 49.1

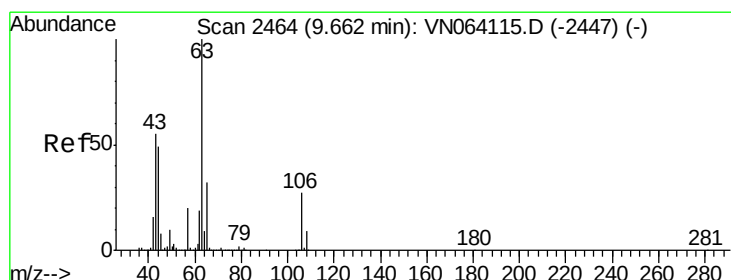
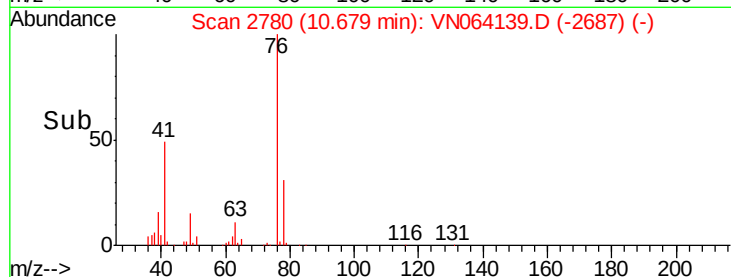
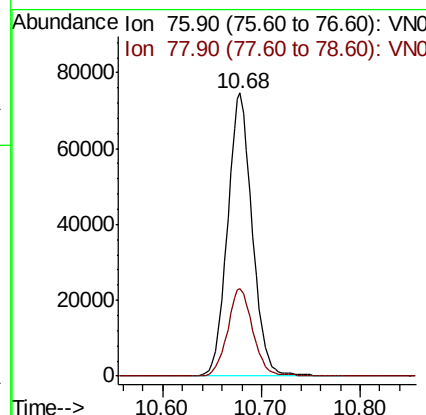
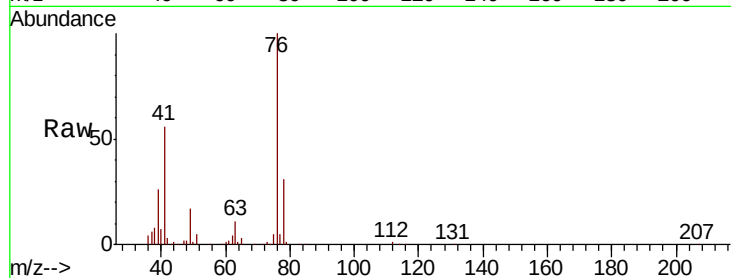




#57
 1,3-Dichloropropane
 Concen: 19.214 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

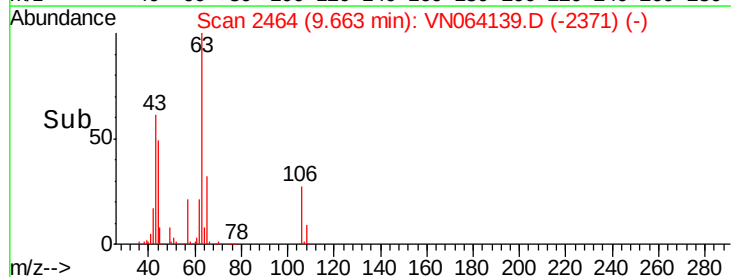
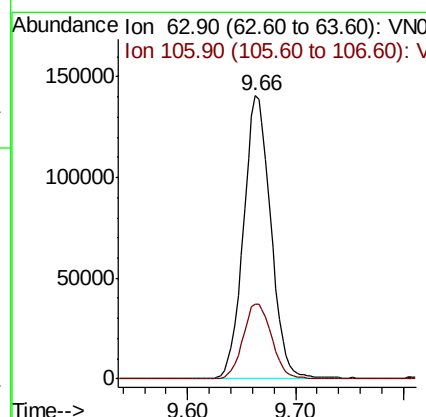
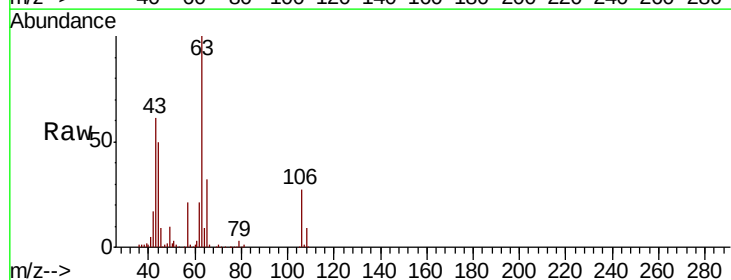
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBS01

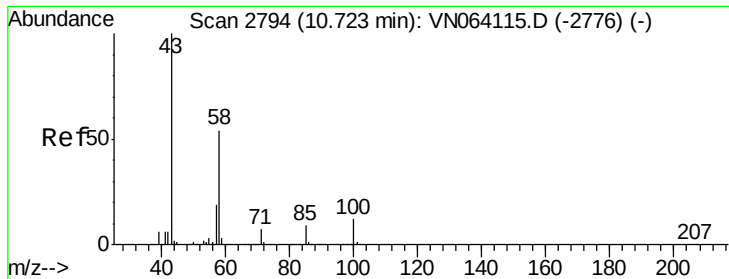
Tot Ion: 76 Resp: 130724
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.785 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

Tgt Ion: 63 Resp: 248261
 Ion Ratio Lower Upper
 63 100
 106 27.8 21.8 32.6

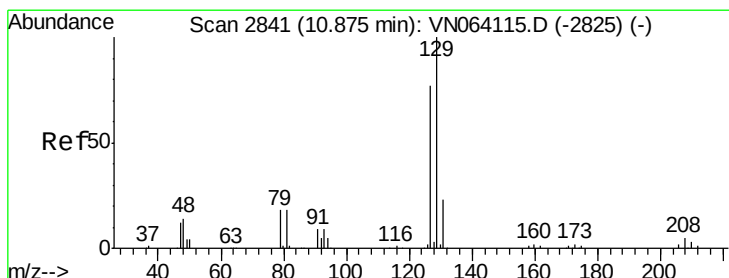
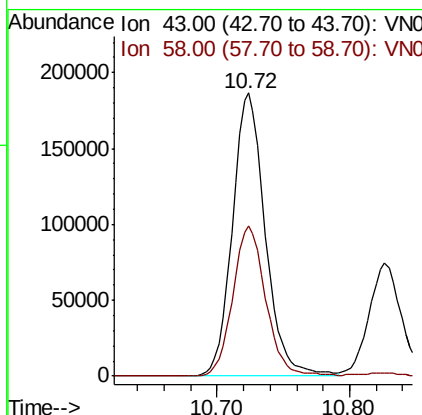
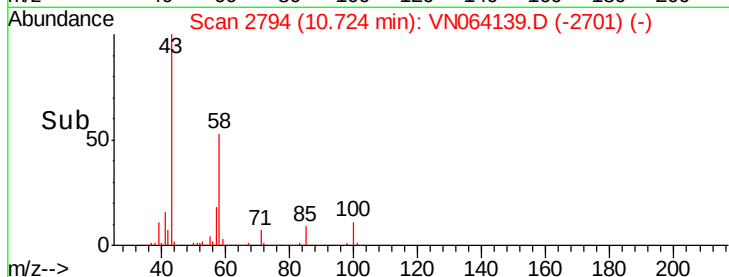
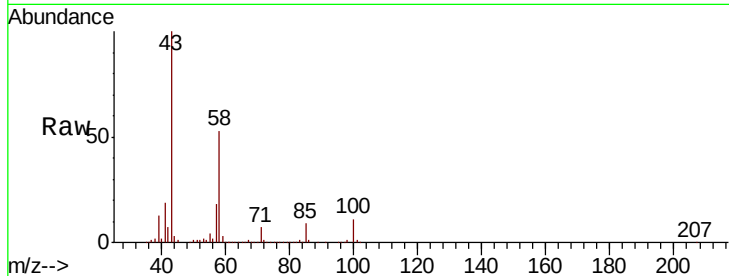




#59
2-Hexanone
Concen: 92.650 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

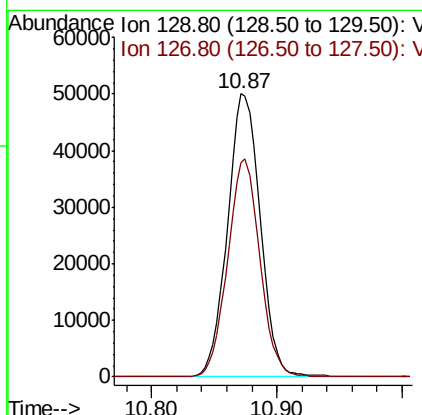
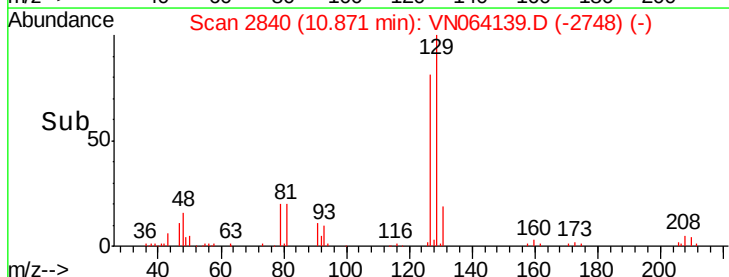
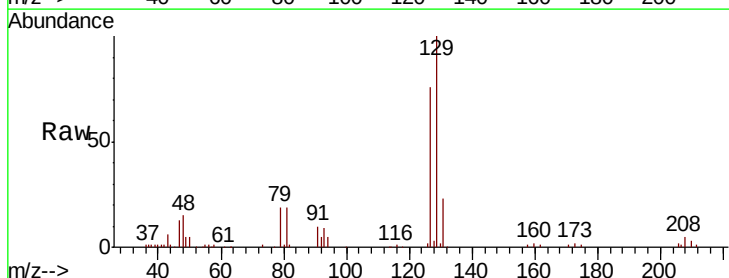
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBS01

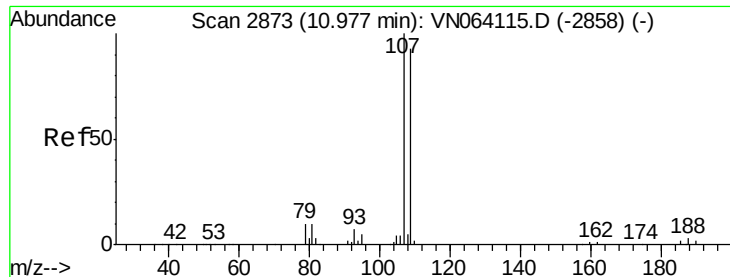
Tot Ion: 43 Resp: 318486
Ion Ratio Lower Upper
43 100
58 53.5 27.2 81.6



#60
Dibromochloromethane
Concen: 19.548 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion: 129 Resp: 90715
Ion Ratio Lower Upper
129 100
127 75.6 38.2 114.6





#61

1,2-Dibromoethane

Concen: 19.643 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

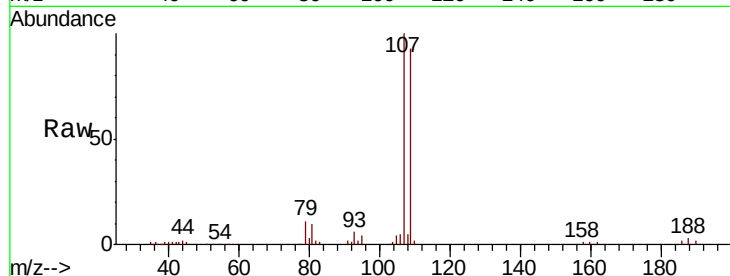
VN1015WBS01

Tot Ion:107 Resp: 82598

Ion Ratio Lower Upper

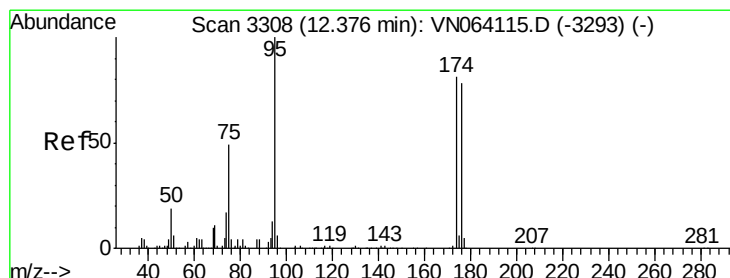
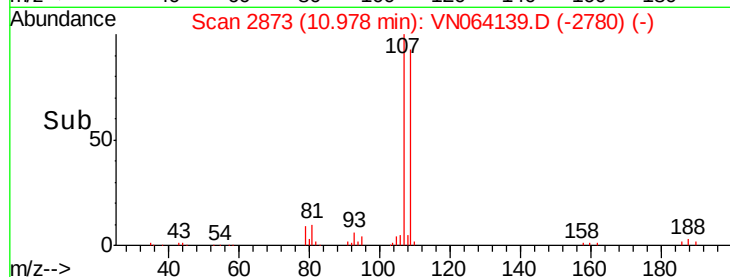
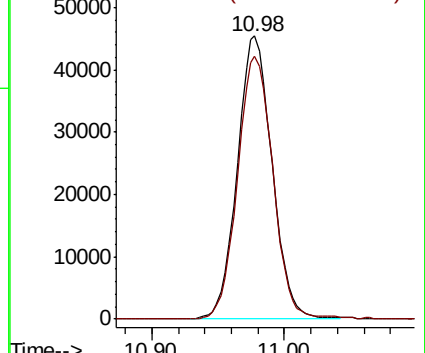
107 100

109 94.2 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.304 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

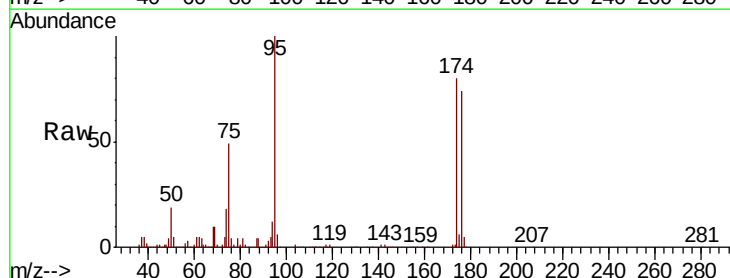
Tgt Ion: 95 Resp: 241092

Ion Ratio Lower Upper

95 100

174 79.7 0.0 164.8

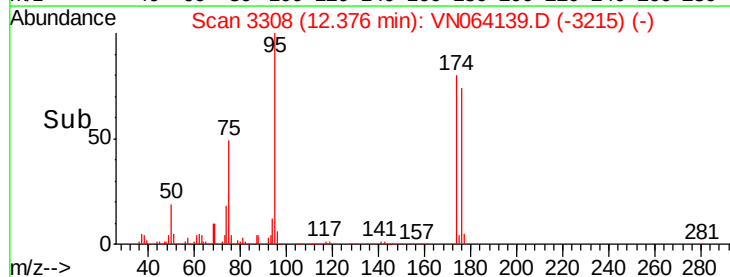
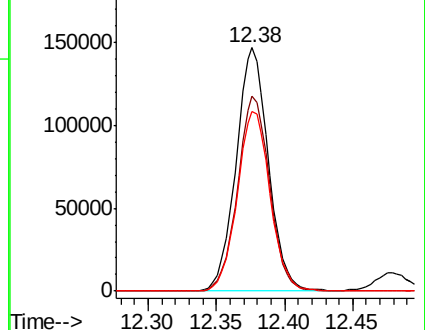
176 75.1 0.0 157.8

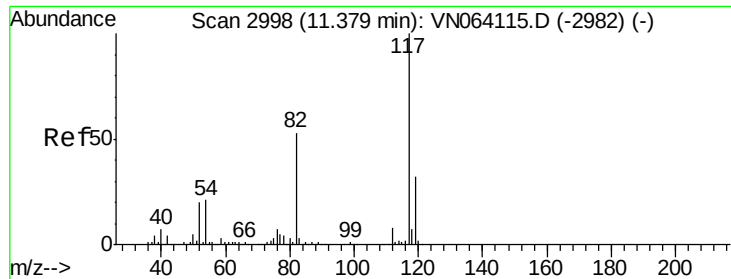


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

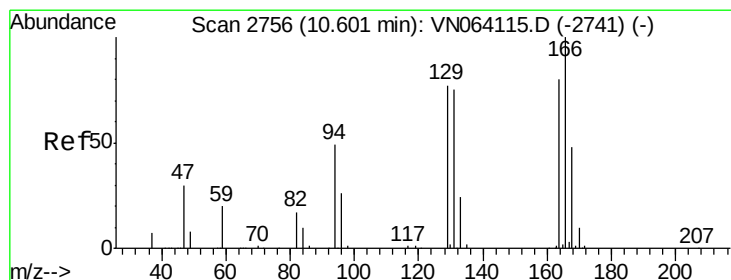
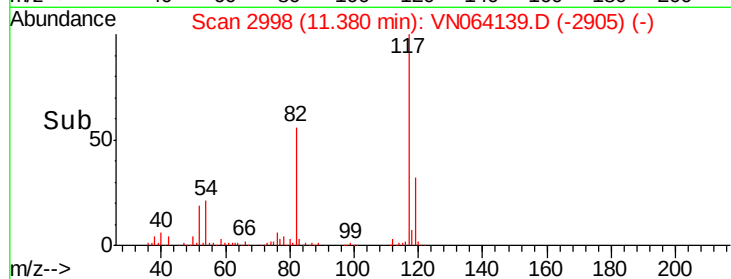
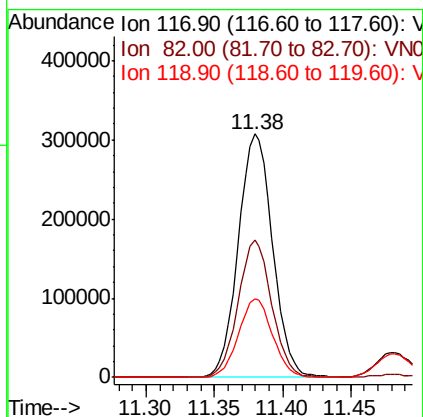
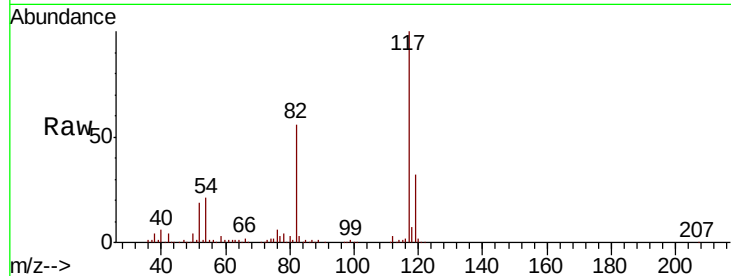




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

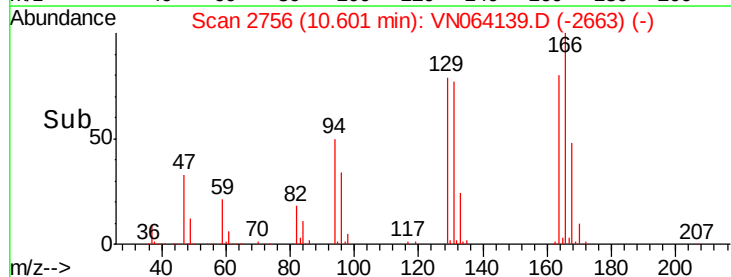
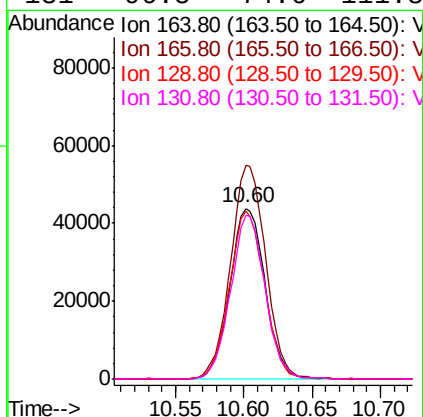
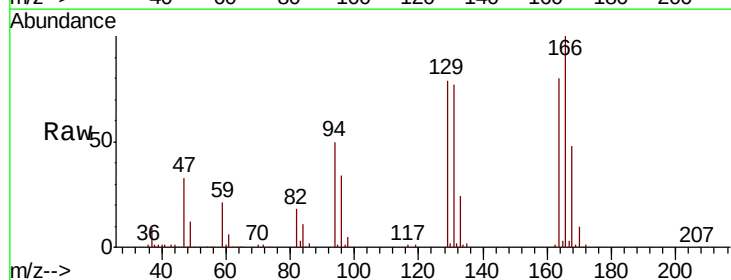
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBS01

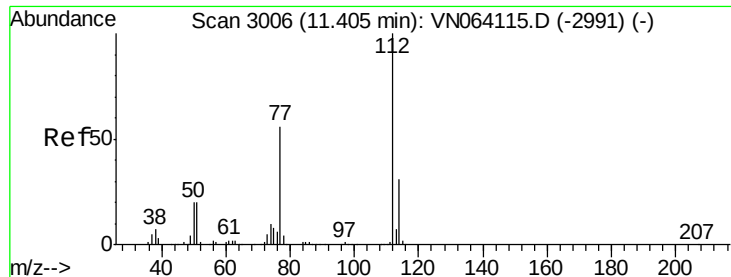
Tot Ion:117 Resp: 536614
Ion Ratio Lower Upper
117 100
82 56.4 42.6 63.8
119 32.4 25.5 38.3



#64
Tetrachloroethene
Concen: 19.435 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion:164 Resp: 78628
Ion Ratio Lower Upper
164 100
166 125.4 99.7 149.5
129 98.6 77.0 115.4
131 96.5 74.6 111.8

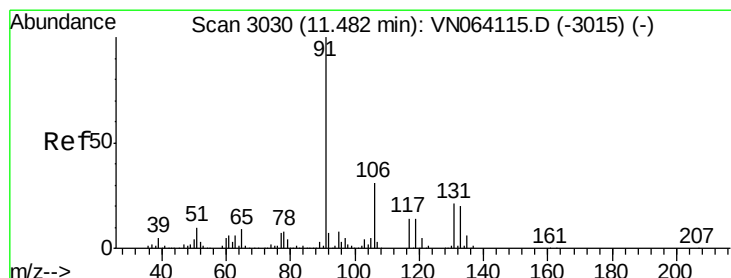
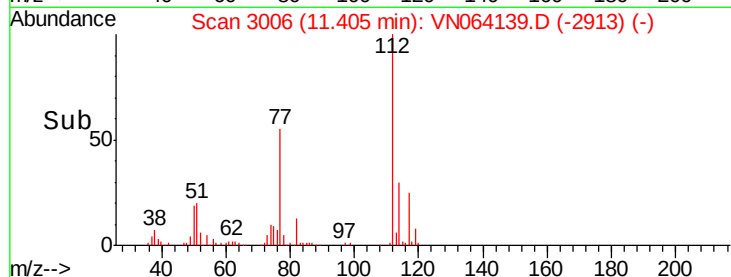
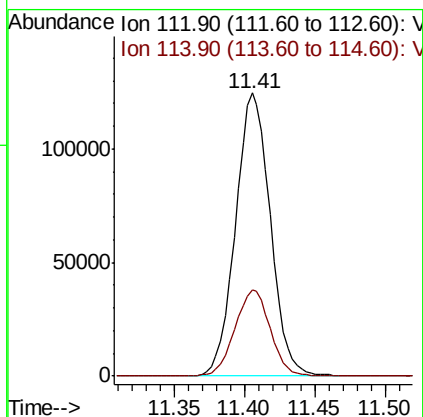
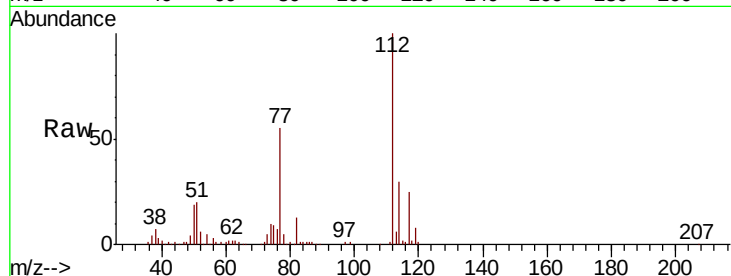




#65
Chlorobenzene
Concen: 19.042 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

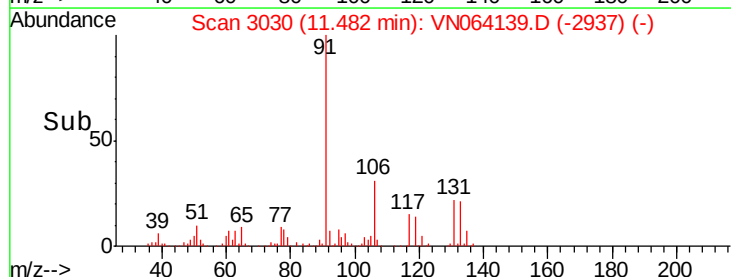
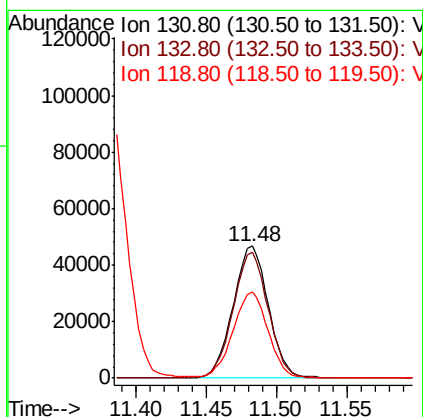
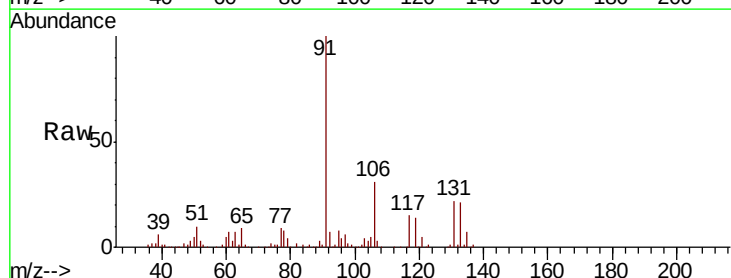
Instrument :
MSVOA_N
ClientSampled :
VN1015WBS01

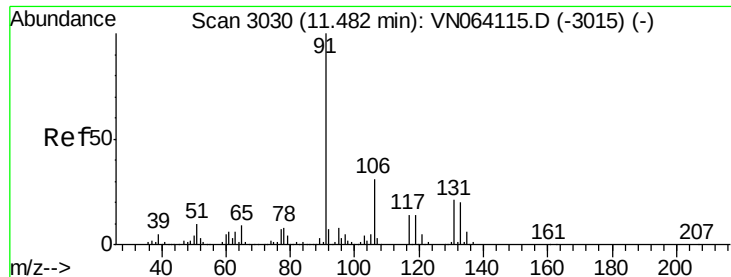
Tot Ion:112 Resp: 215174
Ion Ratio Lower Upper
112 100
114 30.3 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 19.090 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion:131 Resp: 81903
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.9
119 65.5 32.8 98.4

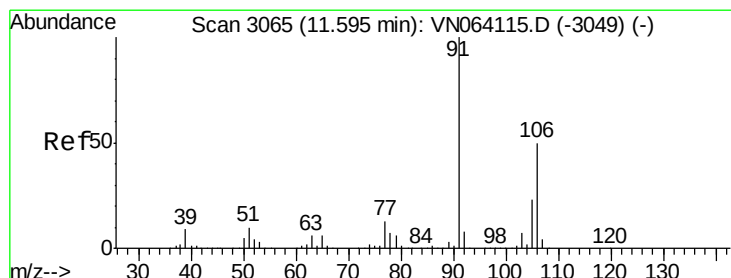
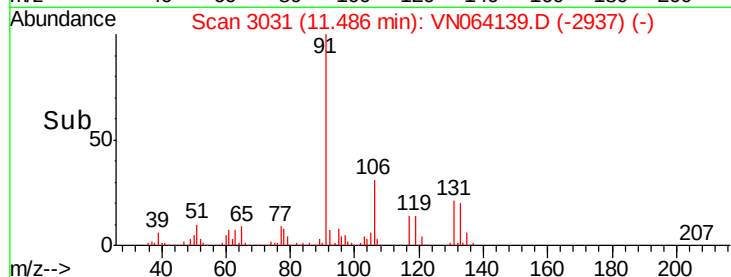
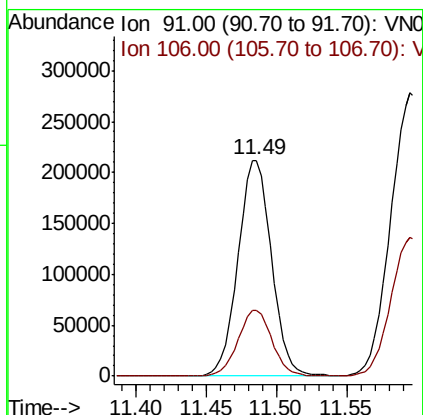
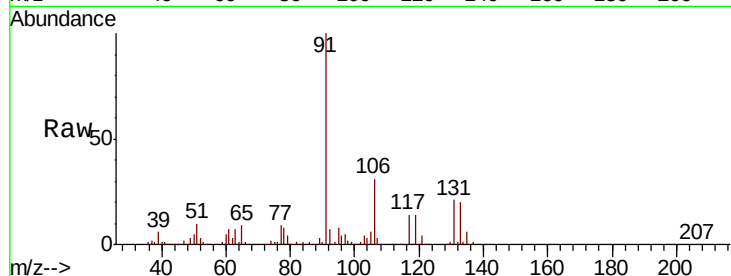




#67
Ethyl Benzene
Concen: 18.670 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

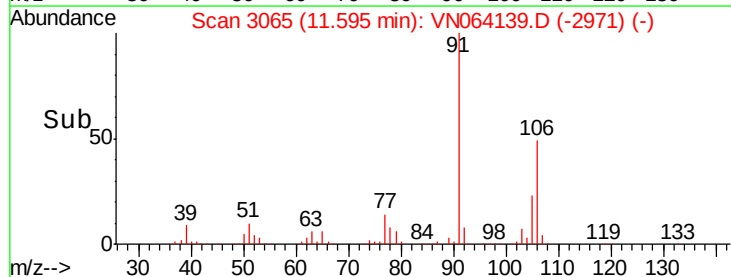
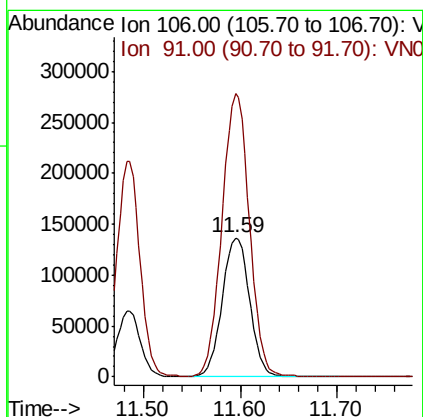
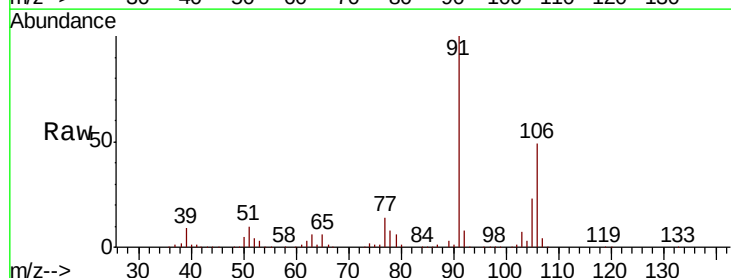
Instrument :
MSVOA_N
ClientSampled :
VN1015WBS01

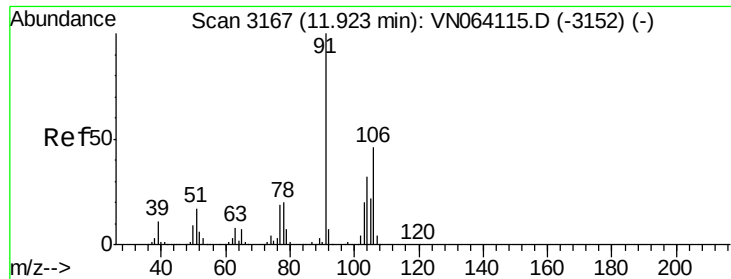
Tot Ion: 91 Resp: 353410
Ion Ratio Lower Upper
91 100
106 30.6 24.7 37.1



#68
m/p-Xylenes
Concen: 36.081 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion: 106 Resp: 270382
Ion Ratio Lower Upper
106 100
91 201.6 162.1 243.1

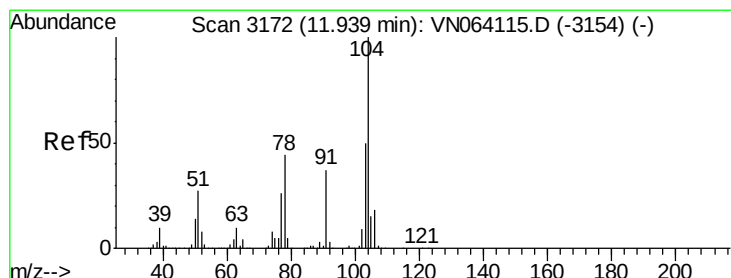
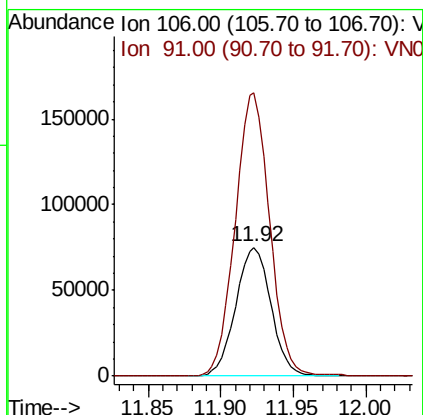
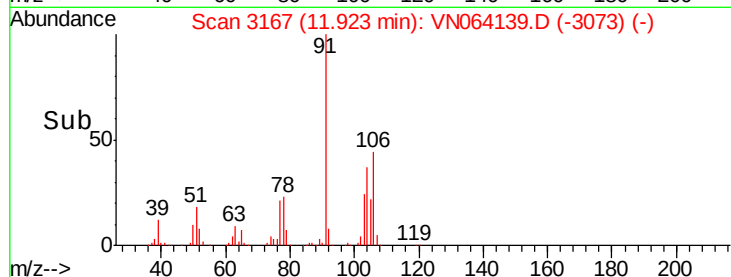
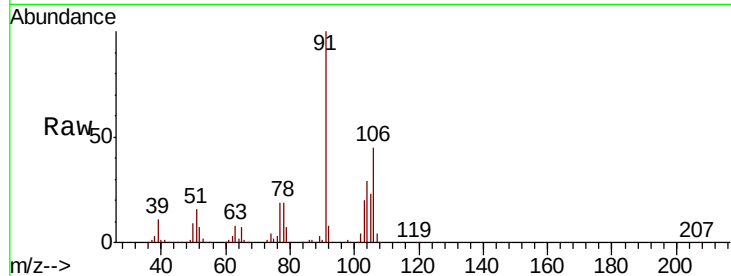




#69
o-Xylene
Concen: 18.077 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

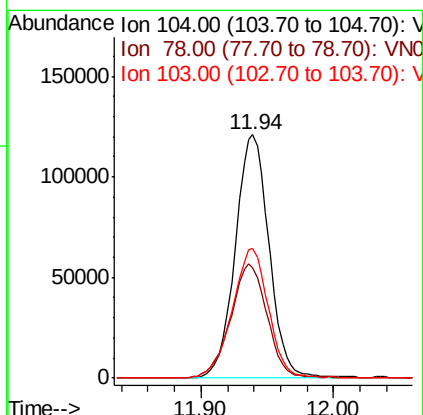
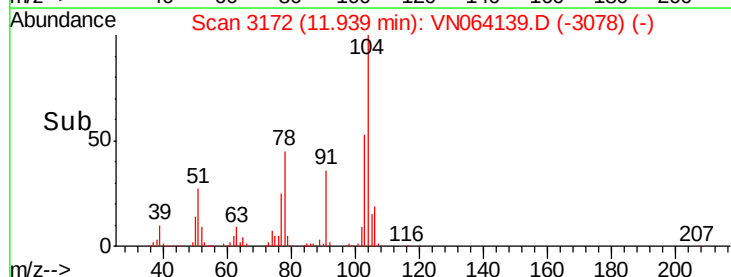
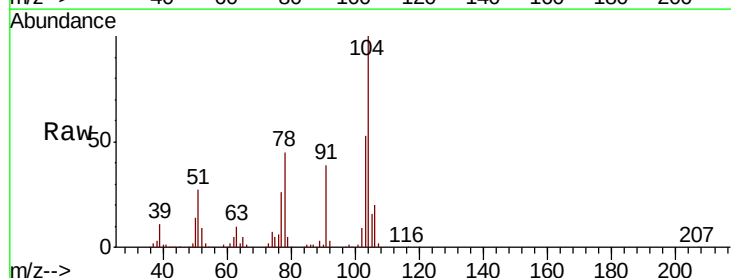
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBS01

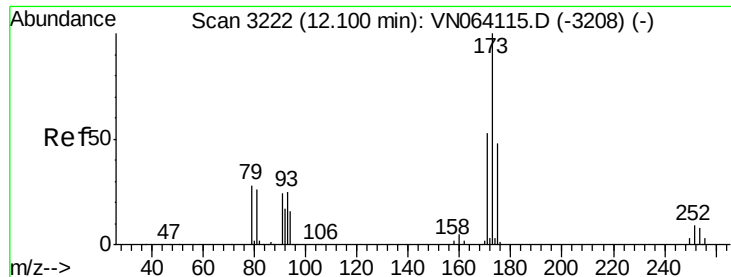
Tot Ion:106 Resp: 127190
Ion Ratio Lower Upper
106 100
91 215.2 107.6 322.8



#70
Styrene
Concen: 17.995 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion:104 Resp: 214210
Ion Ratio Lower Upper
104 100
78 50.8 39.7 59.5
103 56.8 44.2 66.2





#71

Bromoform

Concen: 18.629 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBS01

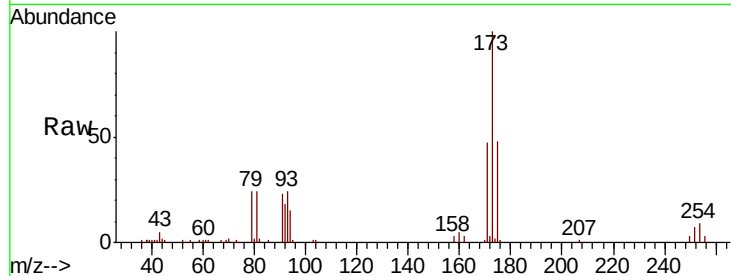
Tot Ion:173 Resp: 61004

Ion Ratio Lower Upper

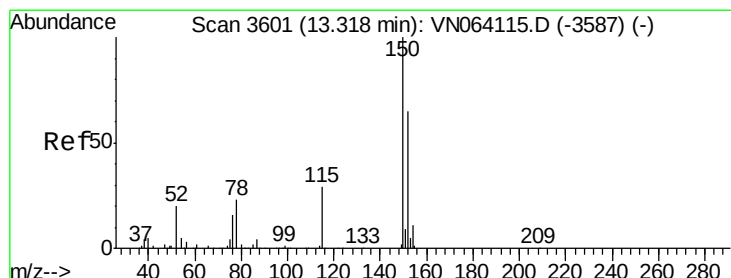
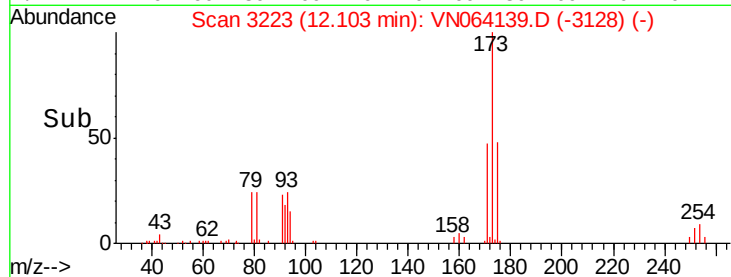
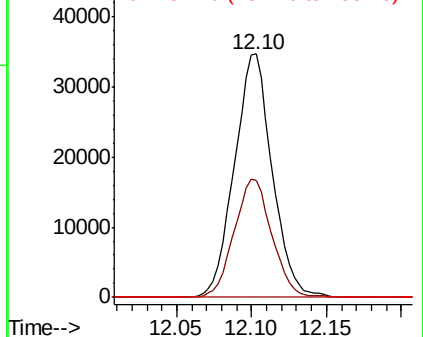
173 100

175 48.3 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: VN064139.D

Acq: 15 Oct 2020 13:26

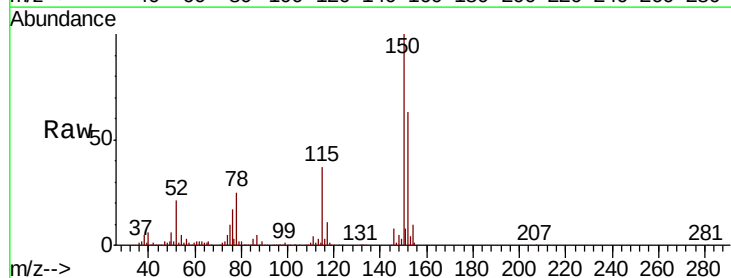
Tgt Ion:152 Resp: 239386

Ion Ratio Lower Upper

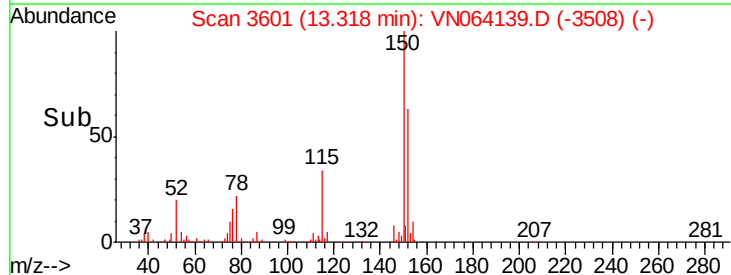
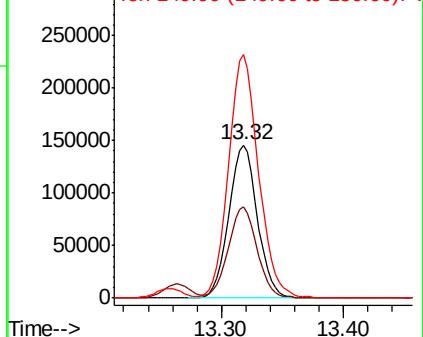
152 100

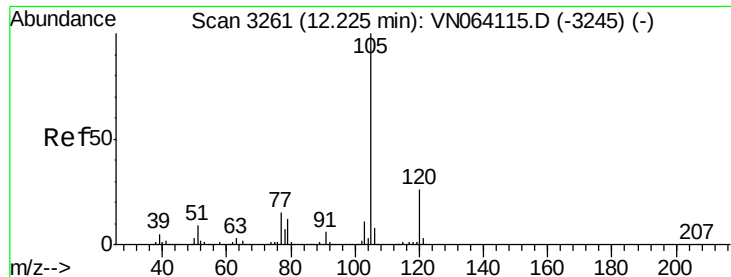
115 59.4 29.3 87.8

150 164.7 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: 19.022 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

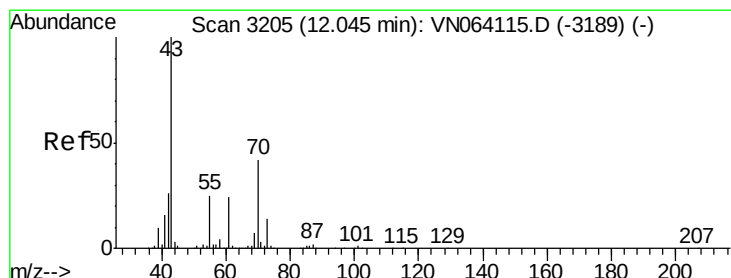
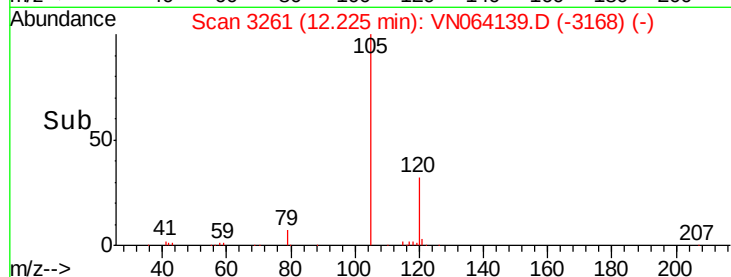
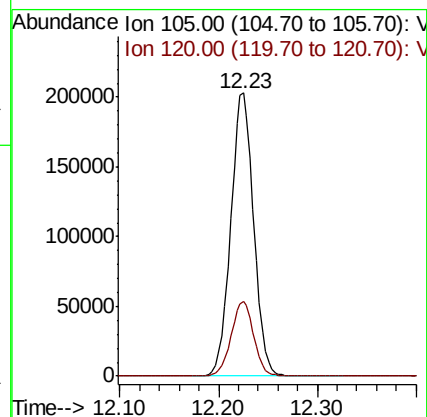
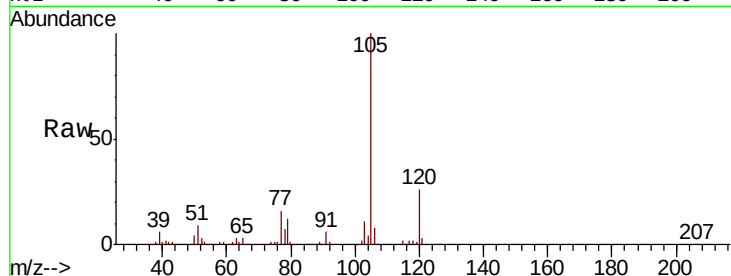
VN1015WBS01

Tot Ion:105 Resp: 329843

Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.5



#74

N-ethyl acetate

Concen: 17.569 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Tgt Ion: 43 Resp: 114086

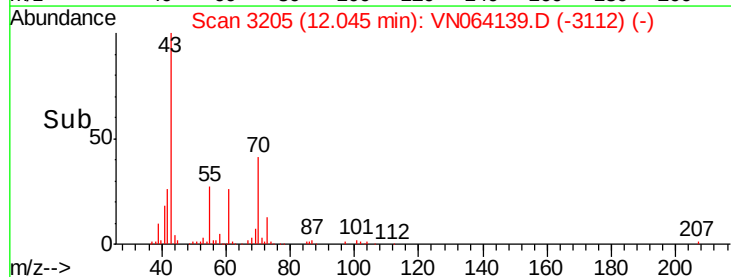
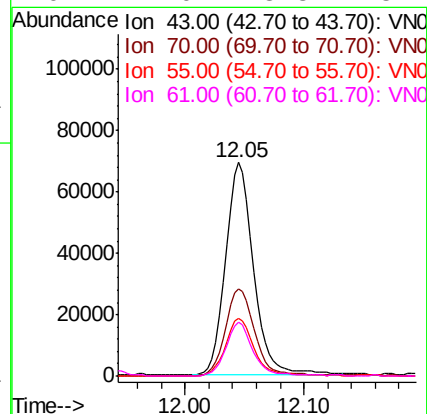
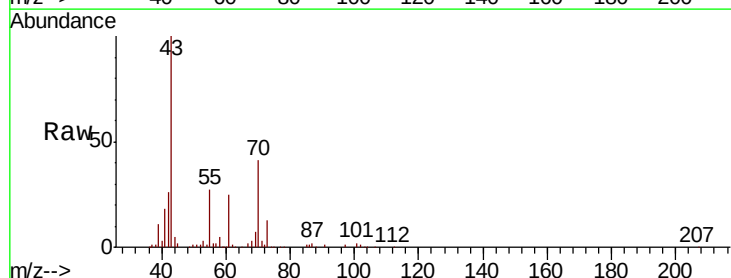
Ion Ratio Lower Upper

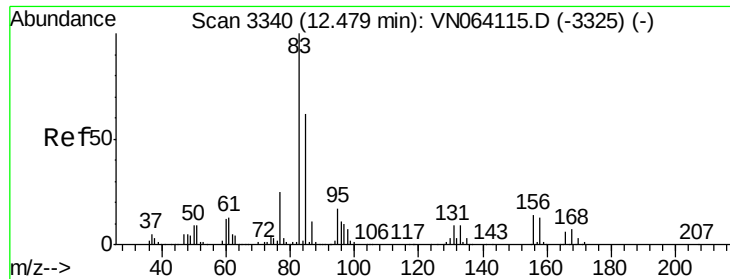
43 100

70 41.8 33.2 49.8

55 27.4 19.9 29.9

61 24.0 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.683 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampled :

VN1015WBS01

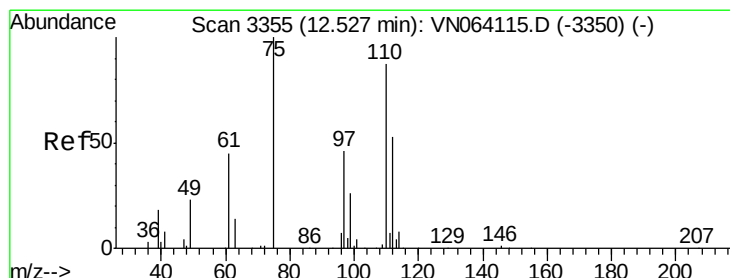
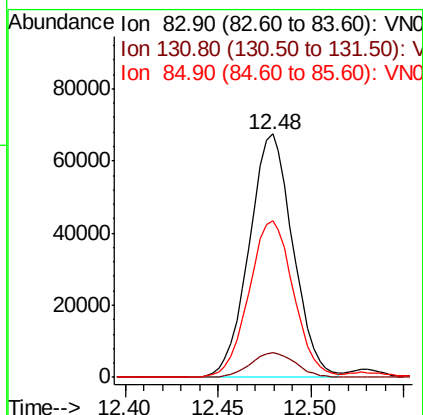
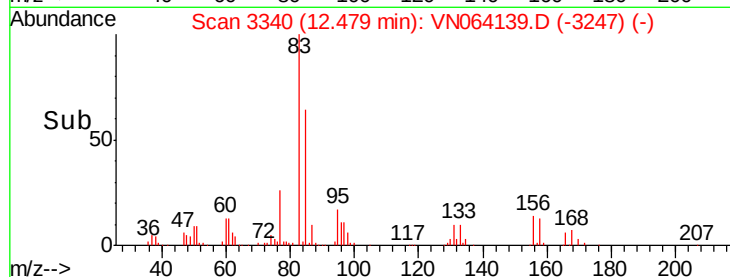
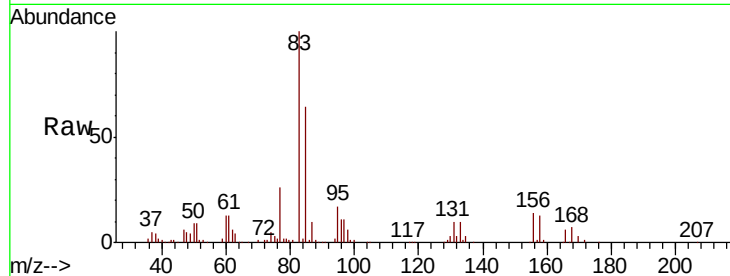
Tot Ion: 83 Resp: 111539

Ion Ratio Lower Upper

83 100

131 10.5 5.0 15.0

85 65.3 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 25.422 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064139.D

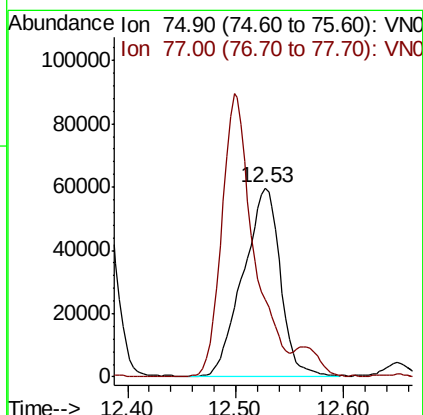
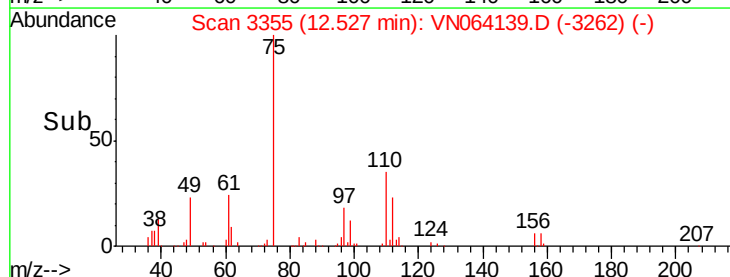
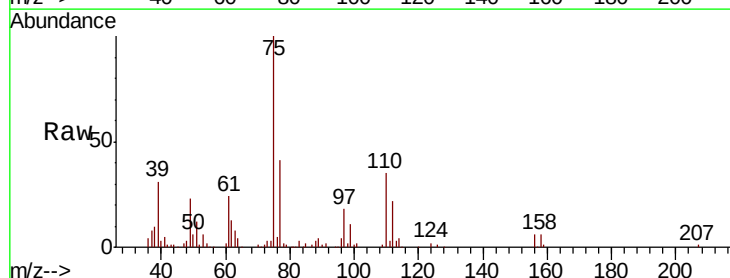
Acq: 15 Oct 2020 13:26

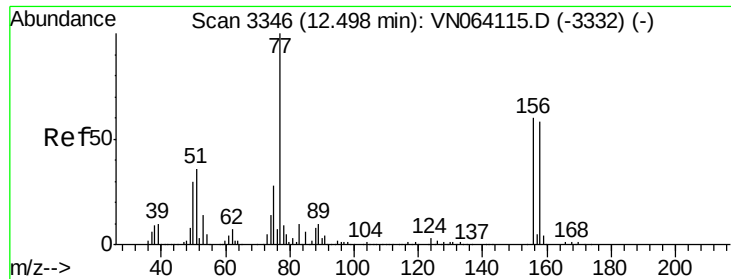
Tgt Ion: 75 Resp: 142771

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.832 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBS01

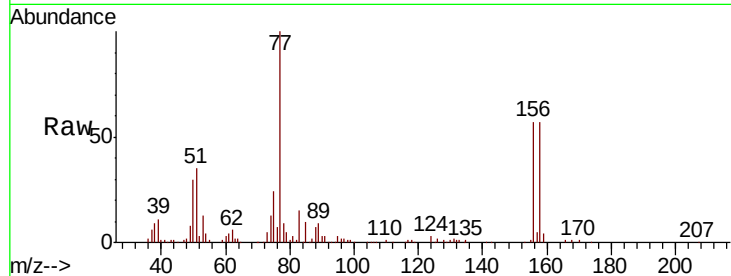
Tot Ion:156 Resp: 88652

Ion Ratio Lower Upper

156 100

77 208.2 99.3 297.9

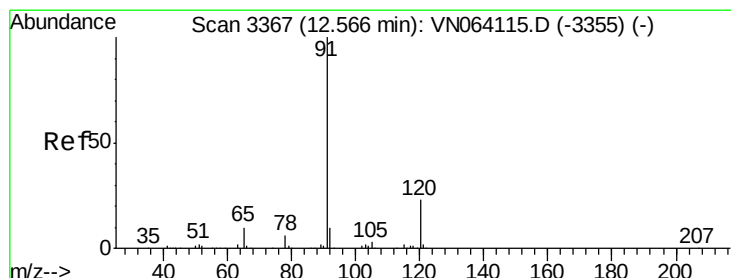
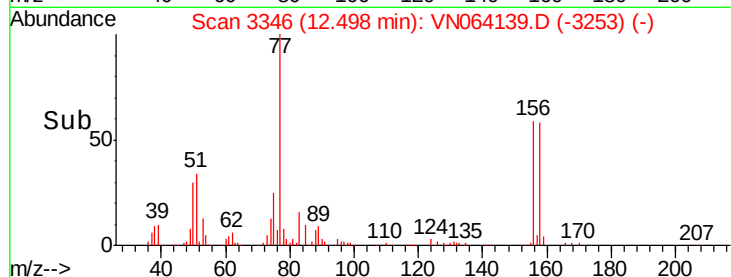
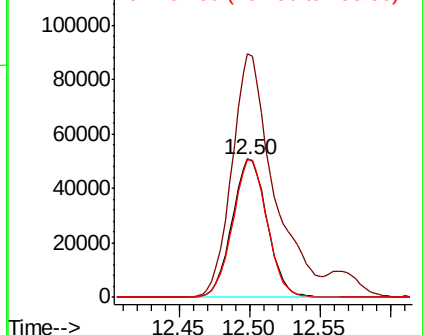
158 97.5 48.6 145.9



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: 19.602 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064139.D

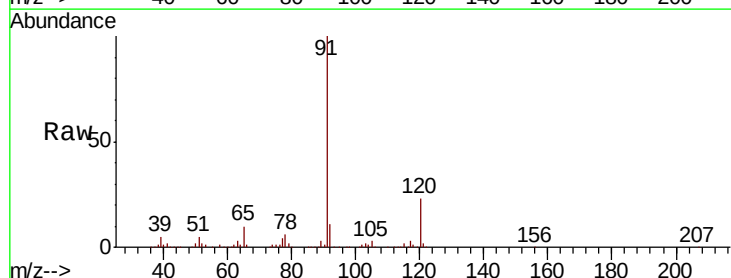
Acq: 15 Oct 2020 13:26

Tgt Ion: 91 Resp: 379370

Ion Ratio Lower Upper

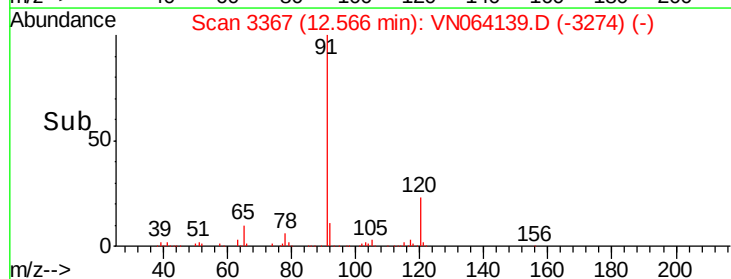
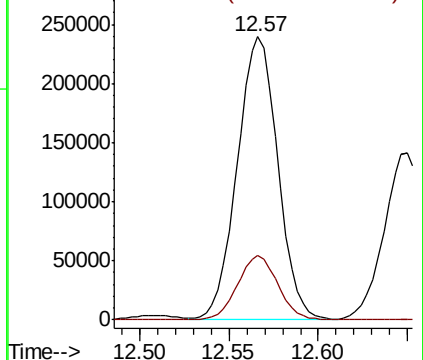
91 100

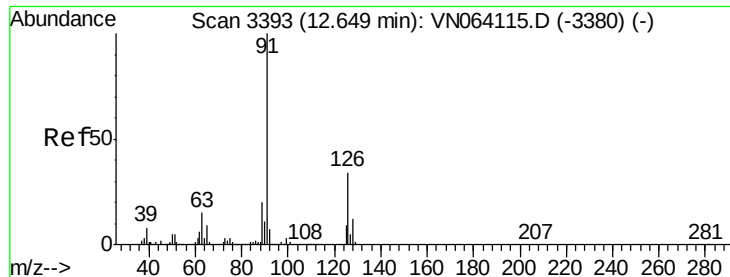
120 22.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.229 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

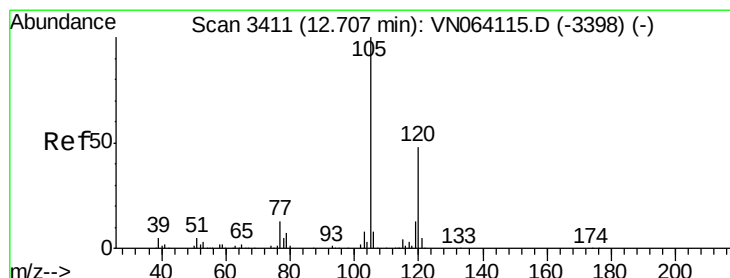
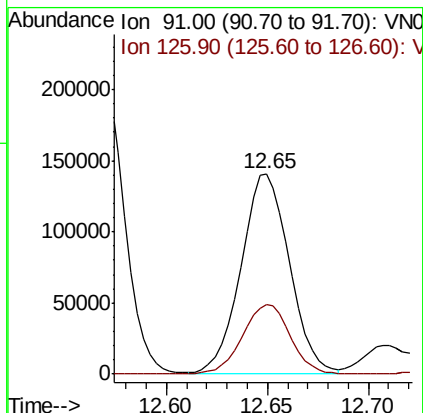
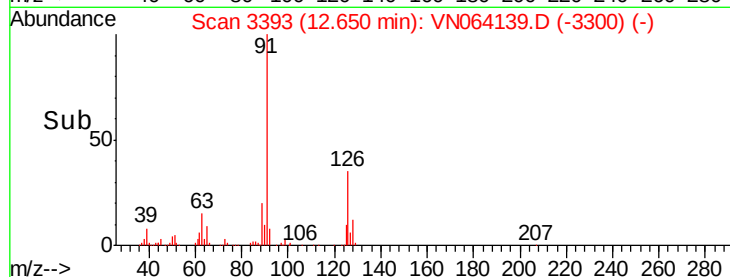
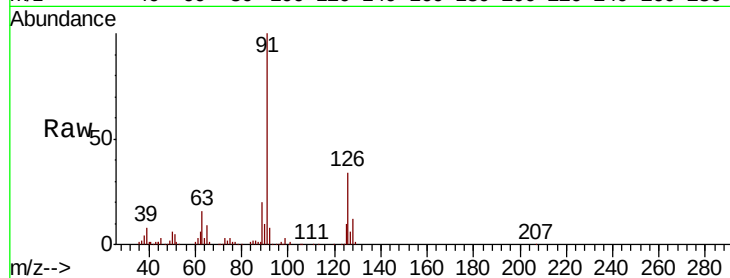
VN1015WBS01

Tot Ion: 91 Resp: 236691

Ion Ratio Lower Upper

91 100

126 34.3 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 19.591 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064139.D

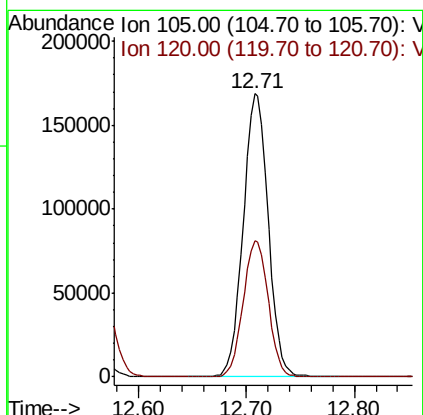
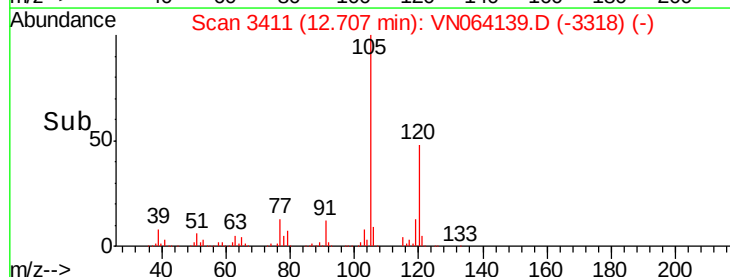
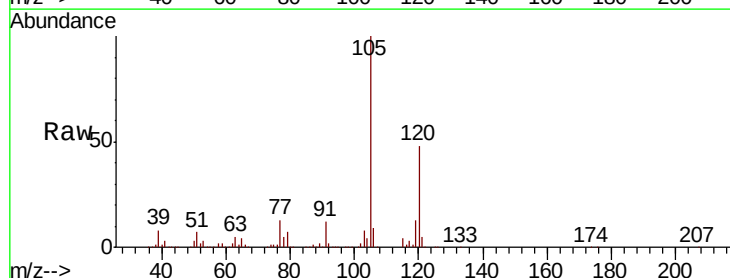
Acq: 15 Oct 2020 13:26

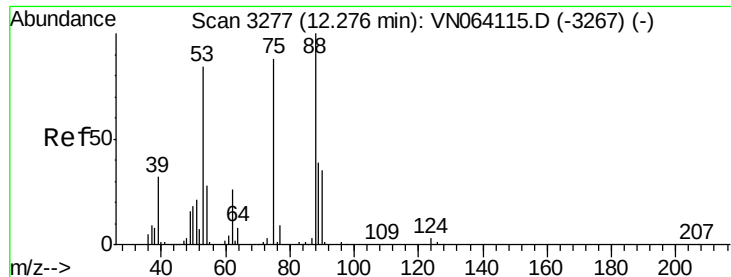
Tgt Ion:105 Resp: 272669

Ion Ratio Lower Upper

105 100

120 48.3 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.103 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBS01

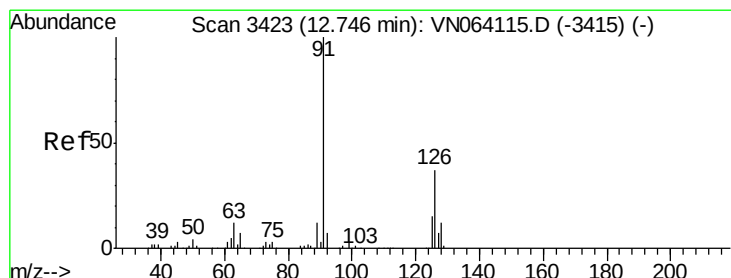
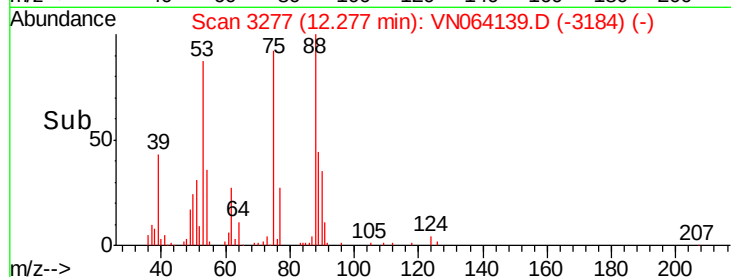
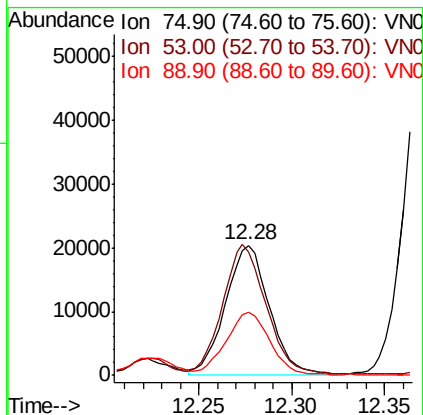
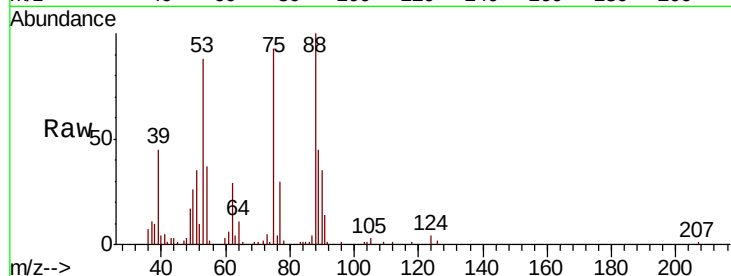
Tot Ion: 75 Resp: 33278

Ion Ratio Lower Upper

75 100

53 100.9 75.7 113.5

89 49.5 36.6 55.0



#82

4-Chlorotoluene

Concen: 19.081 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN064139.D

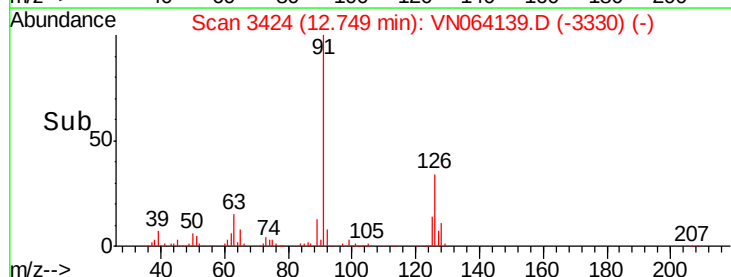
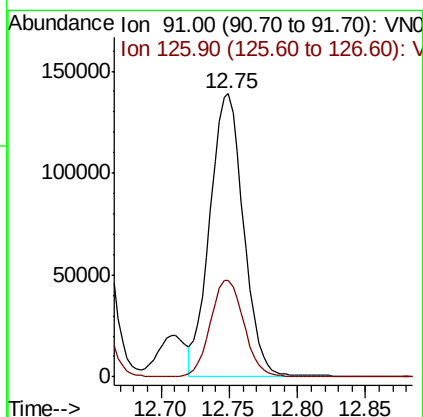
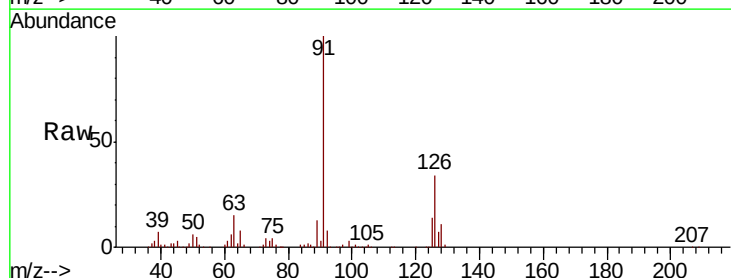
Acq: 15 Oct 2020 13:26

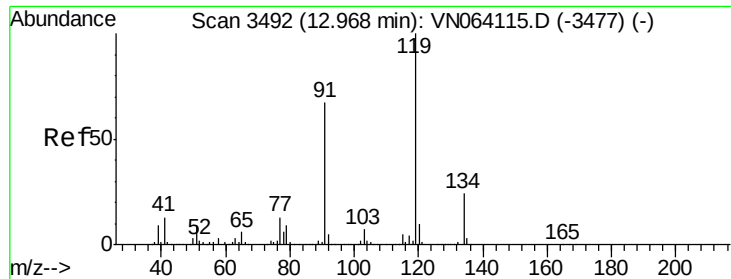
Tgt Ion: 91 Resp: 236712

Ion Ratio Lower Upper

91 100

126 33.9 17.1 51.2

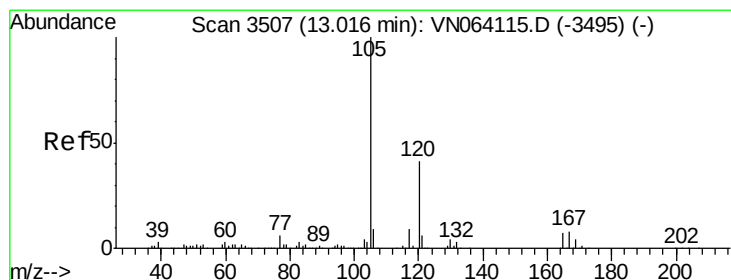
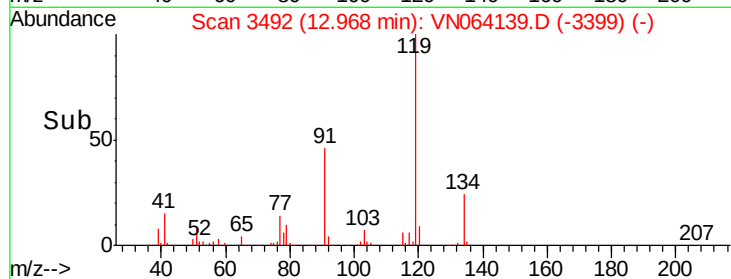
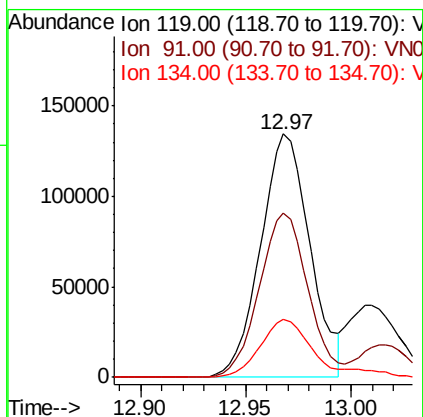
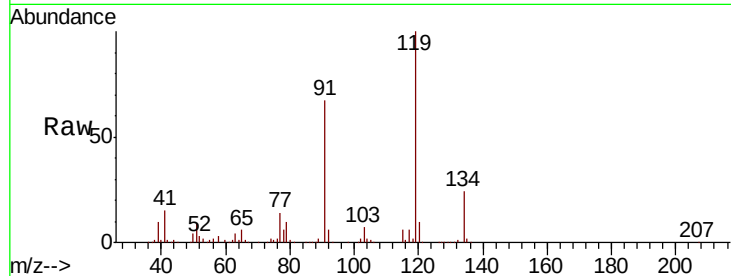




#83
 tert-Butylbenzene
 Concen: 19.042 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

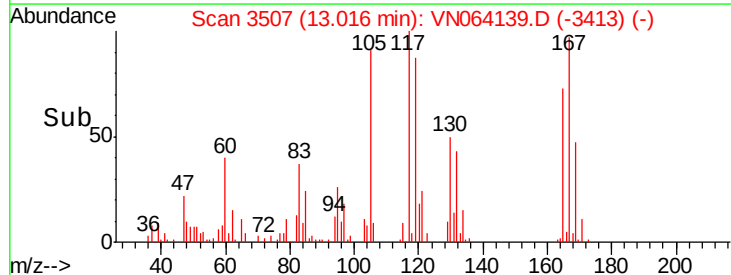
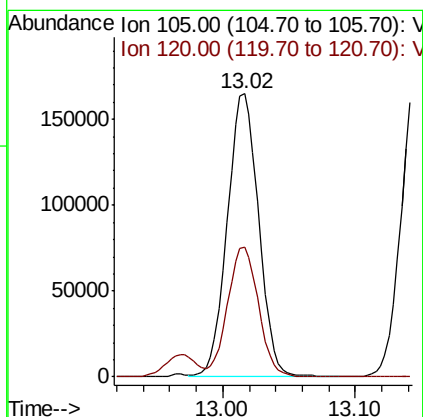
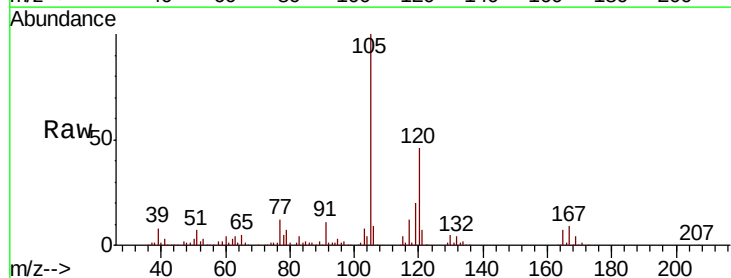
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBS01

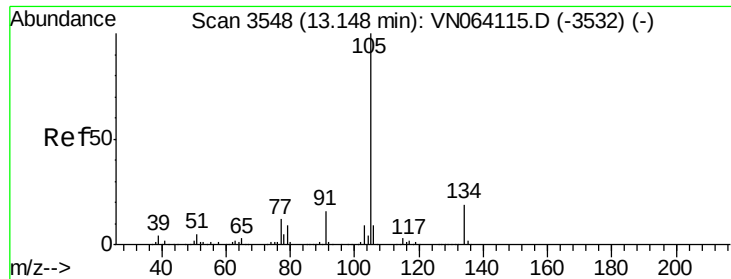
Tot Ion:119 Resp: 219181
 Ion Ratio Lower Upper
 119 100
 91 66.2 32.6 98.0
 134 26.3 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 18.659 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

Tgt Ion:105 Resp: 268997
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.8 68.4





#85

sec-Butylbenzene

Concen: 19.354 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

Instrument :

MSVOA_N

ClientSampleId :

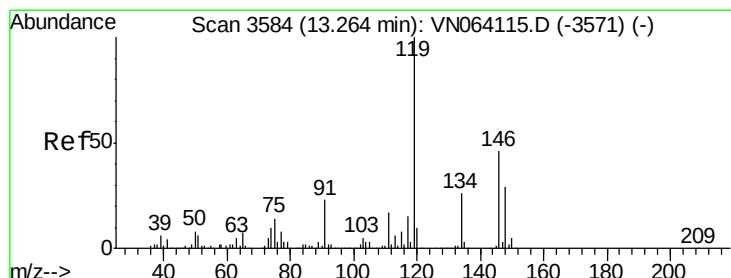
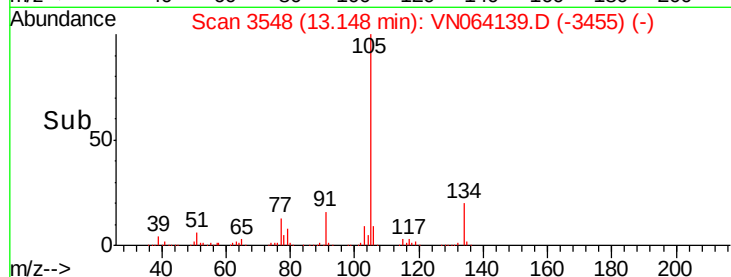
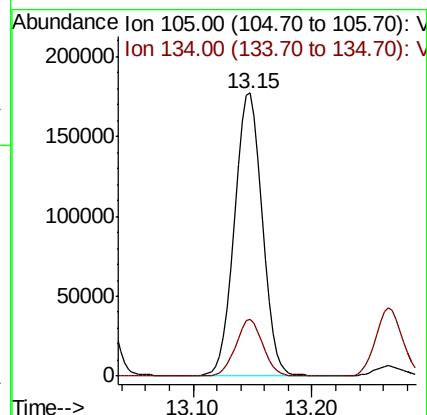
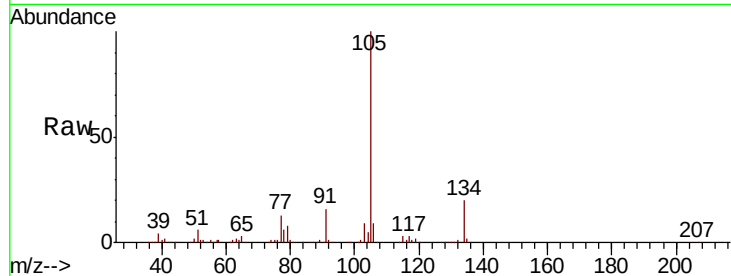
VN1015WBS01

Tot Ion:105 Resp: 286390

Ion Ratio Lower Upper

105 100

134 19.5 9.7 29.1



#86

p-Isopropyltoluene

Concen: 18.364 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064139.D

Acq: 15 Oct 2020 13:26

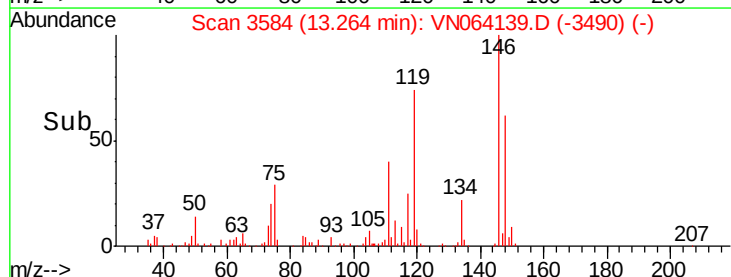
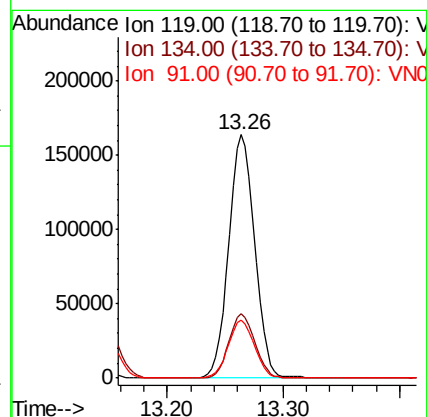
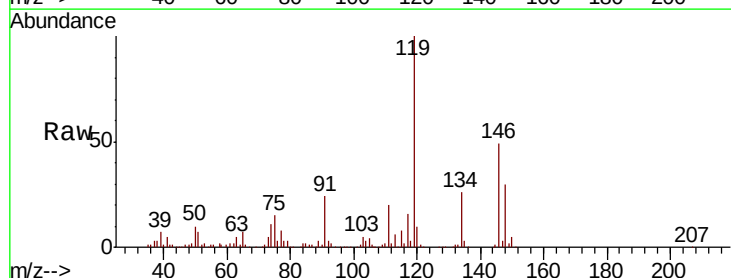
Tgt Ion:119 Resp: 251074

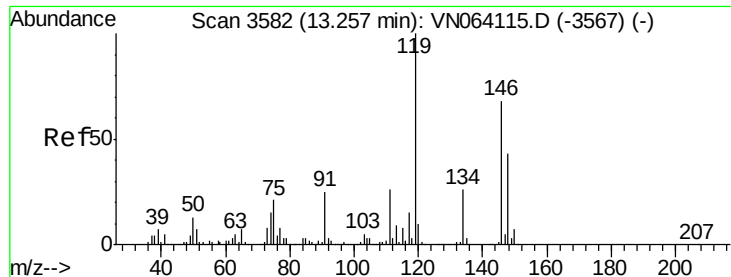
Ion Ratio Lower Upper

119 100

134 26.8 13.2 39.5

91 23.8 12.0 36.1

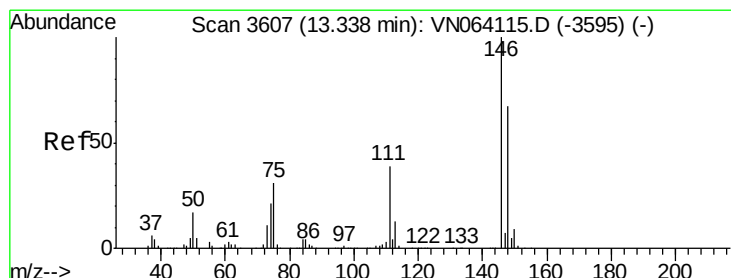
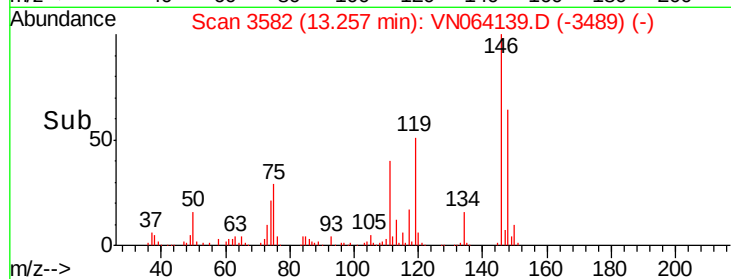
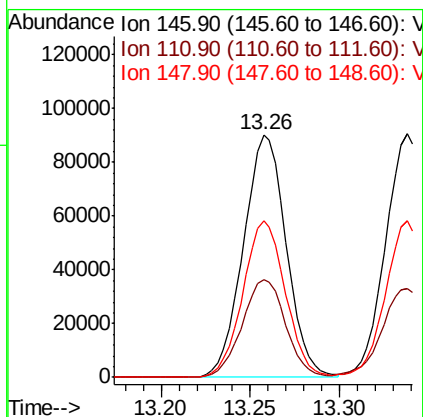
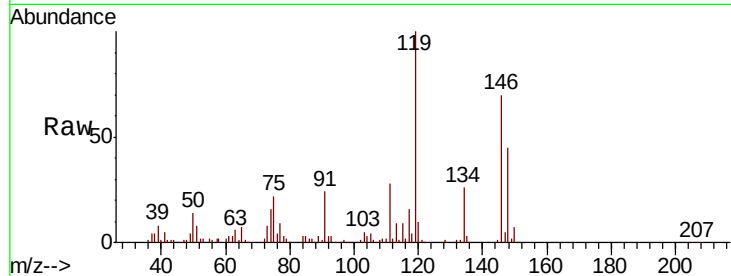




#87
 1,3-Dichlorobenzene
 Concen: 19.303 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

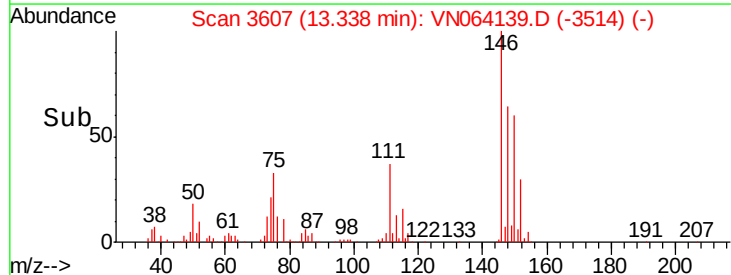
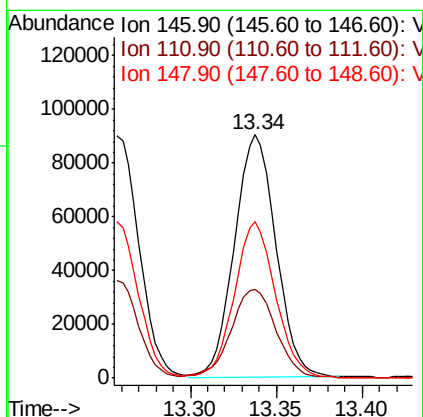
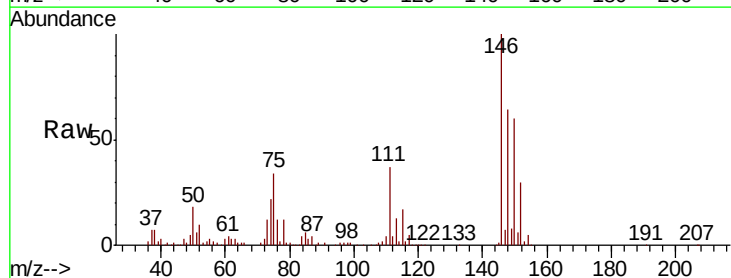
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBS01

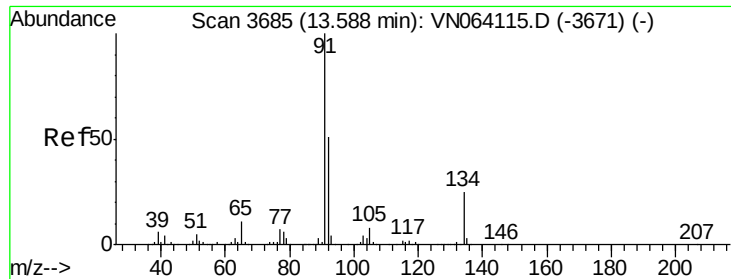
Tot Ion:146 Resp: 151401
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.7 59.1
 148 63.7 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 18.659 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

Tgt Ion:146 Resp: 149691
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.3 57.9
 148 64.1 32.1 96.5

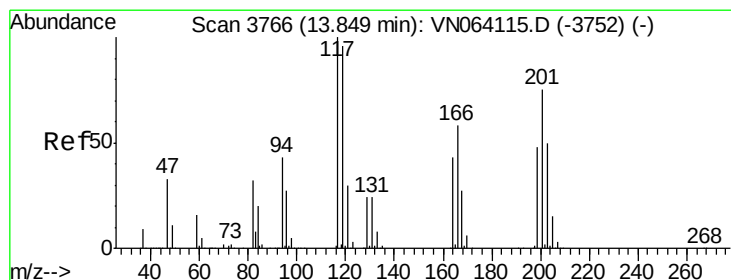
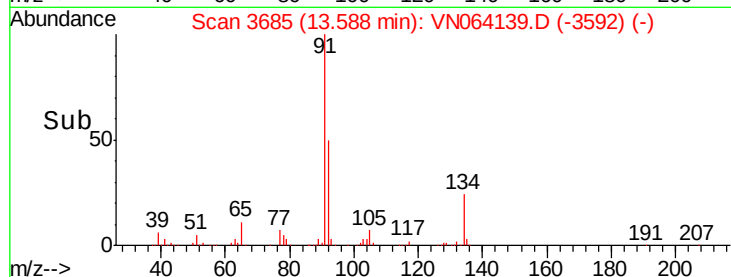
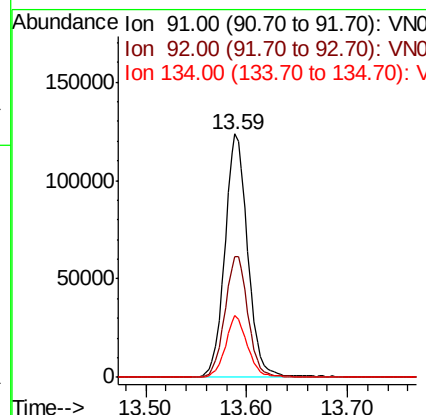
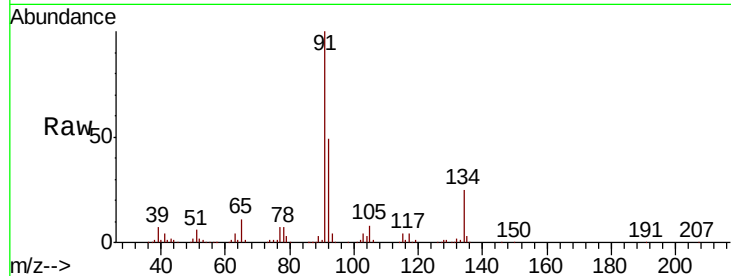




#89
n-Butylbenzene
Concen: 18.202 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

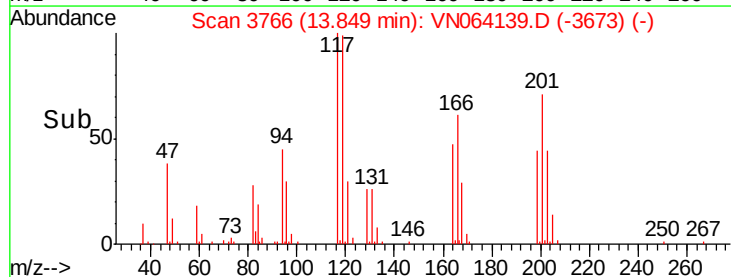
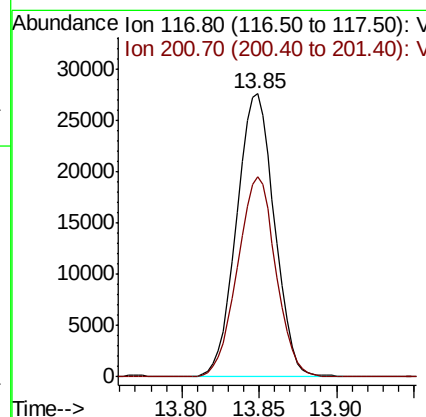
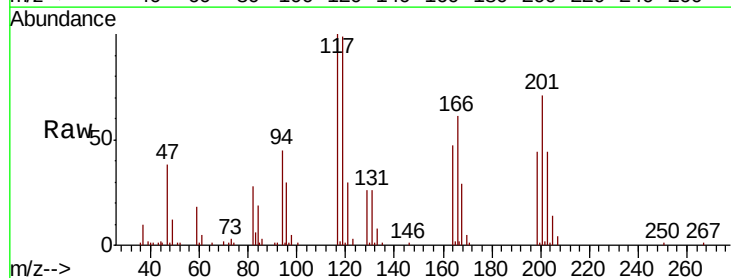
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBS01

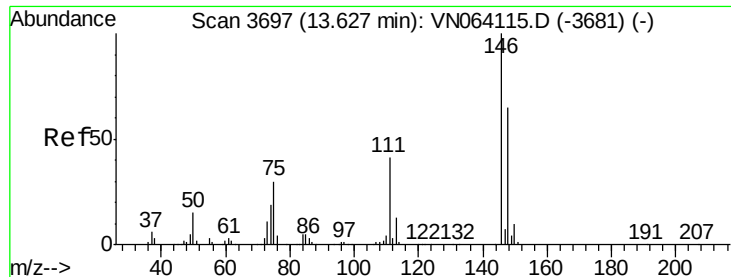
Tot Ion: 91 Resp: 196263
Ion Ratio Lower Upper
91 100
92 50.1 25.6 76.6
134 24.4 12.6 37.8



#90
Hexachloroethane
Concen: 19.064 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion: 117 Resp: 46947
Ion Ratio Lower Upper
117 100
201 71.6 37.4 112.2

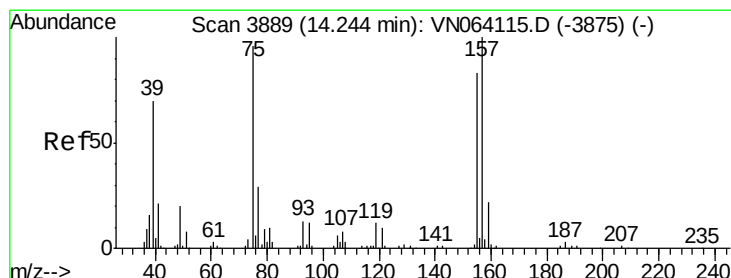
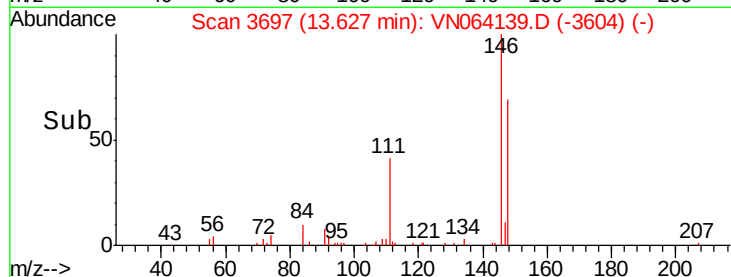
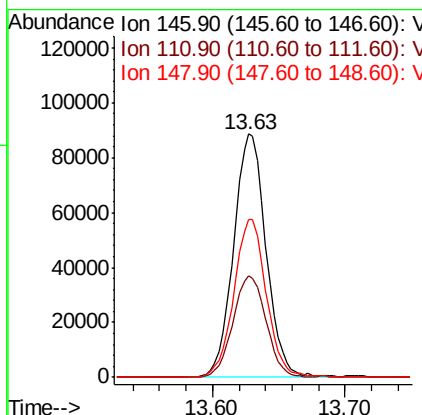
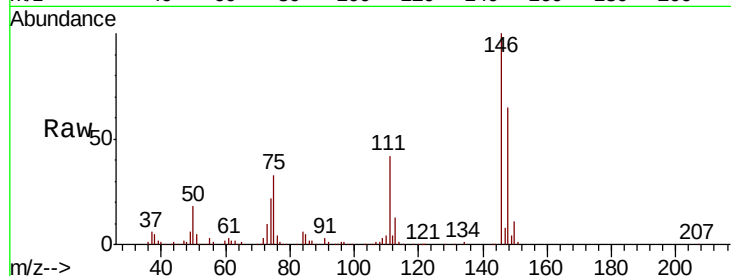




#91
 1,2-Dichlorobenzene
 Concen: 19.244 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

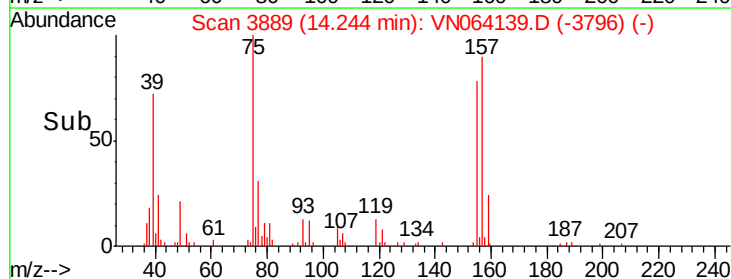
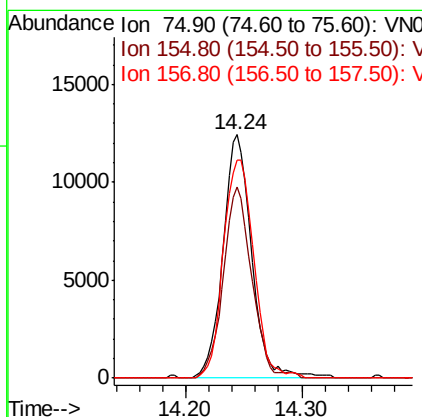
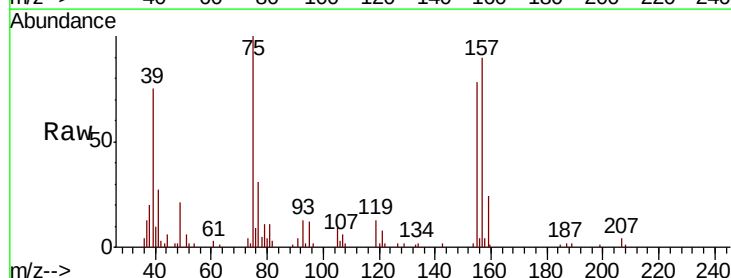
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBS01

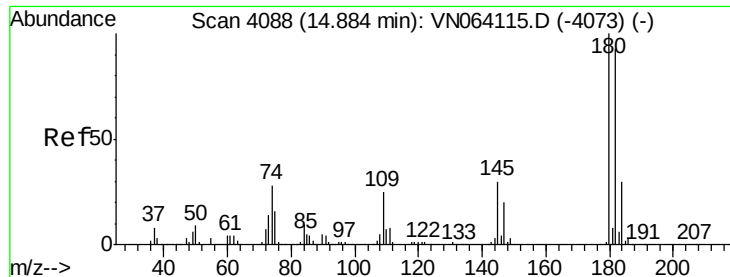
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.3	60.8
148	65.2	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.497 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.4	40.8	122.2
157	95.0	53.9	161.7

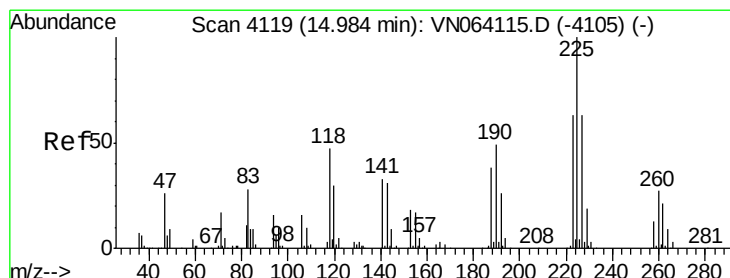
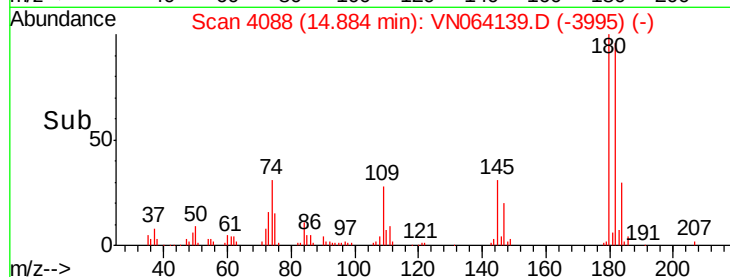
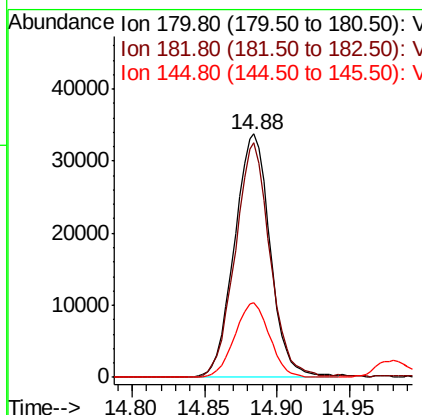
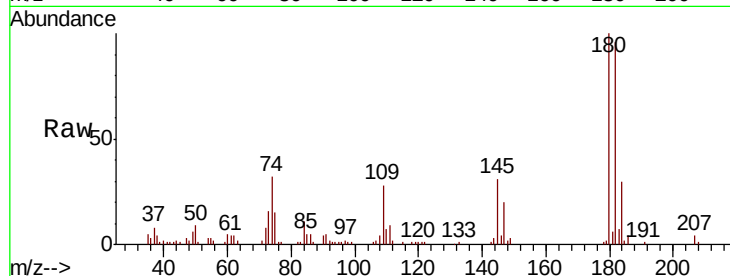




#93
 1,2,4-Trichlorobenzene
 Concen: 17.296 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

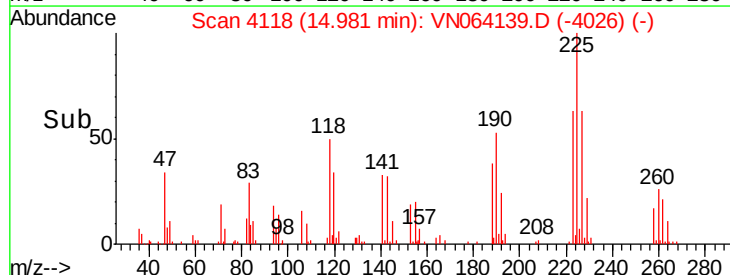
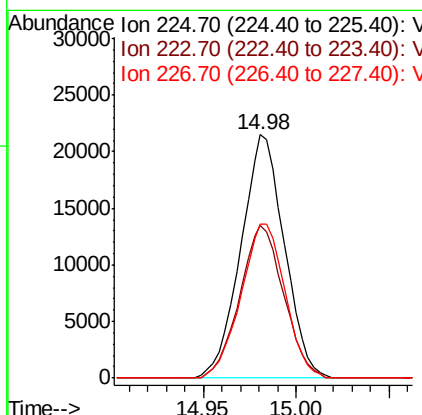
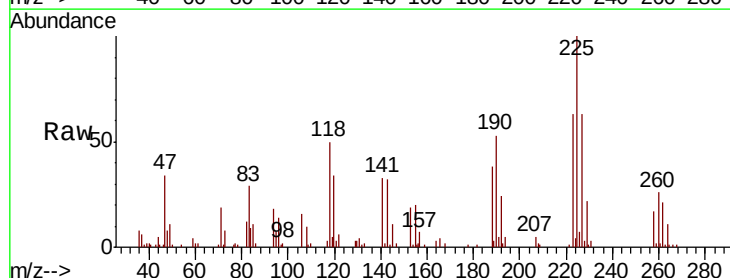
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBS01

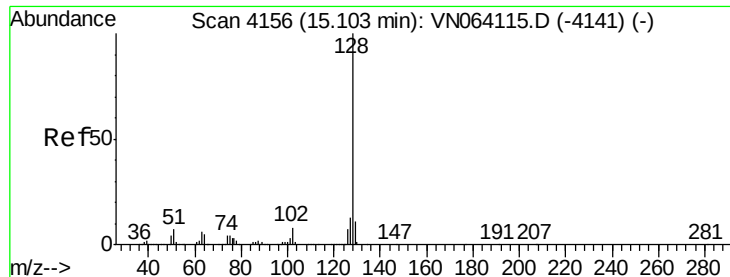
Tot Ion:180 Resp: 57785
 Ion Ratio Lower Upper
 180 100
 182 94.0 45.8 137.4
 145 29.8 15.4 46.1



#94
 Hexachlorobutadiene
 Concen: 18.821 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064139.D
 Acq: 15 Oct 2020 13:26

Tgt Ion:225 Resp: 35001
 Ion Ratio Lower Upper
 225 100
 223 63.1 32.3 96.9
 227 64.3 31.6 94.8

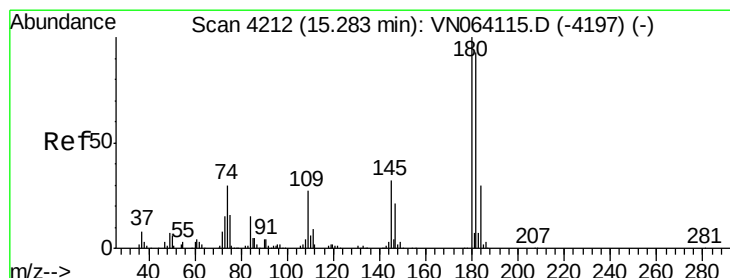
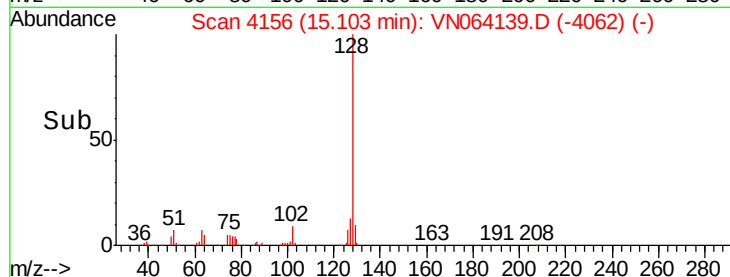
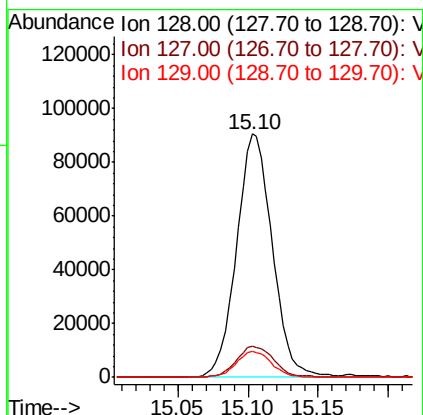
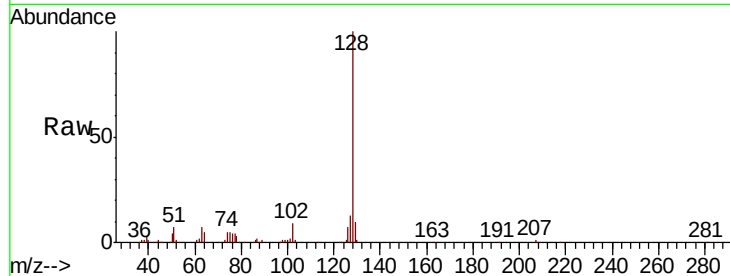




#95
Naphthalene
Concen: 16.491 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBS01

Tot Ion:128 Resp: 160959
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.4
129 10.6 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 16.933 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN064139.D
Acq: 15 Oct 2020 13:26

Tgt Ion:180 Resp: 57172
Ion Ratio Lower Upper
180 100
182 99.4 46.6 139.8
145 33.5 16.1 48.2

