

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063840.D
 Acq On : 2 Oct 2020 23:56
 Operator : JC/MD
 Sample : VN1002WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBS02

Quant Time: Oct 05 04:21:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	246295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	417766	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	391999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	180640	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	222791	54.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.50%	
35) Dibromofluoromethane	7.55	113	151503	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	
50) Toluene-d8	10.06	98	555561	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.38	95	202164	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	47447	18.257	ug/l	97
3) Chloromethane	2.04	50	56243	18.444	ug/l	99
4) Vinyl Chloride	2.16	62	56444	18.440	ug/l	100
5) Bromomethane	2.53	94	39426	20.478	ug/l	100
6) Chloroethane	2.67	64	37722	20.624	ug/l	99
7) Trichlorofluoromethane	2.98	101	92535	19.061	ug/l	97
8) Diethyl Ether	3.38	74	32241	19.638	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	47402	18.269	ug/l	99
10) Methyl Iodide	3.91	142	57081	18.946	ug/l	100
11) Tert butyl alcohol	4.73	59	58868	131.043	ug/l #	86
12) 1,1-Dichloroethene	3.69	96	44843	18.081	ug/l	98
13) Acrolein	3.57	56	18057	65.493	ug/l	98
14) Allyl chloride	4.28	41	86717	18.820	ug/l	97
15) Acrylonitrile	4.93	53	142725	110.994	ug/l	98
16) Acetone	3.78	43	141699	113.128	ug/l	99
17) Carbon Disulfide	4.01	76	122218	18.677	ug/l	99
18) Methyl Acetate	4.28	43	71134	21.873	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	179553	19.927	ug/l	96
20) Methylene Chloride	4.51	84	58448	20.431	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	51198	18.430	ug/l	98
22) Diisopropyl ether	5.90	45	195755	20.649	ug/l	95
23) Vinyl Acetate	5.85	43	805181	102.535	ug/l	99
24) 1,1-Dichloroethane	5.80	63	107379	19.810	ug/l	99
25) 2-Butanone	6.78	43	207081	116.612	ug/l	99
26) 2,2-Dichloropropane	6.77	77	72897	14.686	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	61245	19.169	ug/l	97
28) Bromochloromethane	7.15	49	56554	21.110	ug/l	99
29) Tetrahydrofuran	7.16	42	137929	115.806	ug/l	99
30) Chloroform	7.33	83	113820	20.139	ug/l	93
31) Cyclohexane	7.61	56	83783	17.736	ug/l #	90
32) 1,1,1-Trichloroethane	7.53	97	99395	19.498	ug/l	99
36) 1,1-Dichloropropene	7.75	75	78099	18.453	ug/l	99
37) Ethyl Acetate	6.88	43	88347	21.010	ug/l #	87
38) Carbon Tetrachloride	7.73	117	85899	18.099	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	65427	15.502	ug/l	92
40) Benzene	8.00	78	227192	18.794	ug/l	100
41) Methacrylonitrile	7.13	41	37555	20.095	ug/l #	69
42) 1,2-Dichloroethane	8.09	62	103327	20.024	ug/l	100
43) Isopropyl Acetate	8.13	43	143993	20.761	ug/l	98
44) Trichloroethene	8.80	130	57695	18.215	ug/l	99
45) 1,2-Dichloropropane	9.08	63	64305	19.697	ug/l	95
46) Dibromomethane	9.17	93	43007	19.095	ug/l	98
47) Bromodichloromethane	9.37	83	90213	19.435	ug/l	97
48) Methyl methacrylate	9.17	41	72319	21.104	ug/l	95
49) 1,4-Dioxane	9.17	88	21532	442.121	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	454199	111.589	ug/l	99
52) Toluene	10.13	92	143058	19.132	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	90031	18.095	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	92672	17.809	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	60463	20.163	ug/l	93
56) Ethyl methacrylate	10.40	69	83009	19.529	ug/l	99
57) 1,3-Dichloropropane	10.68	76	101300	19.968	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	230855	101.536	ug/l	100
59) 2-Hexanone	10.72	43	338975	112.108	ug/l	98
60) Dibromochloromethane	10.87	129	66118	18.933	ug/l	98
61) 1,2-Dibromoethane	10.98	107	61229	19.961	ug/l	99
64) Tetrachloroethene	10.60	164	53835	17.751	ug/l	92
65) Chlorobenzene	11.41	112	150525	18.719	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	58917	19.112	ug/l	98
67) Ethyl Benzene	11.49	91	268837	18.373	ug/l	100
68) m/p-Xylenes	11.59	106	195785	35.902	ug/l	98
69) o-Xylene	11.92	106	93150	18.275	ug/l	98
70) Styrene	11.94	104	162773	18.813	ug/l	99
71) Bromoform	12.10	173	44644	18.935	ug/l #	98
73) Isopropylbenzene	12.23	105	251423	19.082	ug/l	99
74) N-amyl acetate	12.05	43	118309	20.679	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	85906	21.322	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	118993	29.883	ug/l #	100
77) Bromobenzene	12.50	156	63398	19.610	ug/l	97
78) n-propylbenzene	12.57	91	280990	18.325	ug/l	100
79) 2-Chlorotoluene	12.65	91	183323	19.439	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	209004	18.908	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	24700	17.865	ug/l	89
82) 4-Chlorotoluene	12.75	91	181903	18.580	ug/l	97
83) tert-Butylbenzene	12.97	119	163473	18.080	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	209155	18.952	ug/l	100
85) sec-Butylbenzene	13.15	105	213508	17.978	ug/l	98
86) p-Isopropyltoluene	13.26	119	188796	17.970	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	109851	18.781	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	112046	18.398	ug/l	99
89) n-Butylbenzene	13.59	91	155859	16.073	ug/l	99
90) Hexachloroethane	13.85	117	38344	18.835	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	109503	18.902	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18977	20.084	ug/l	96

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QLast Update : Thu Oct 01 01:46:38 2020
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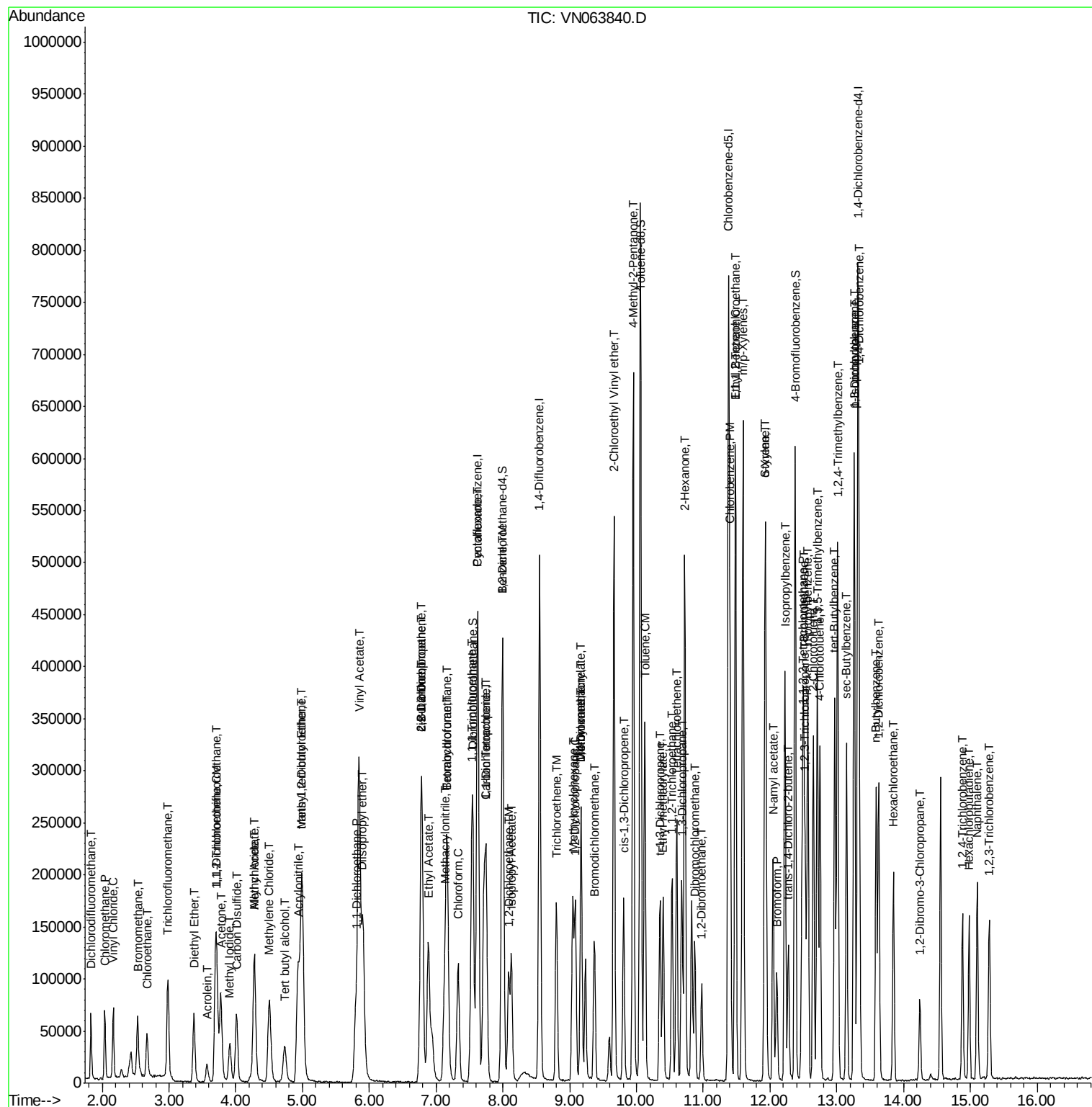
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	47269	16.221	ug/l	97
94) Hexachlorobutadiene	14.98	225	27403	17.489	ug/l	99
95) Naphthalene	15.10	128	154795	17.195	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	45851	16.105	ug/l	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100220\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063840.D

Acq: 2 Oct 2020 23:56

Instrument :

MSVOA_N

ClientSampleId :

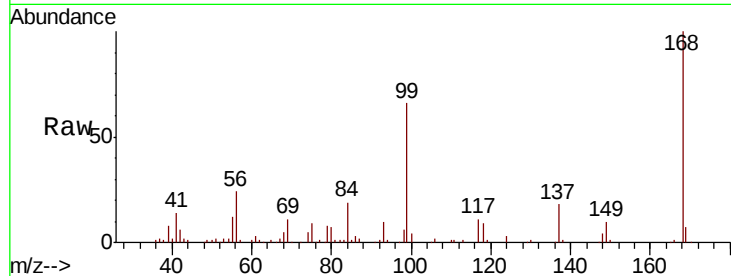
VN1002WBS02

Tot Ion:168 Resp: 246295

Ion Ratio Lower Upper

168 100

99 65.4 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

100000

80000

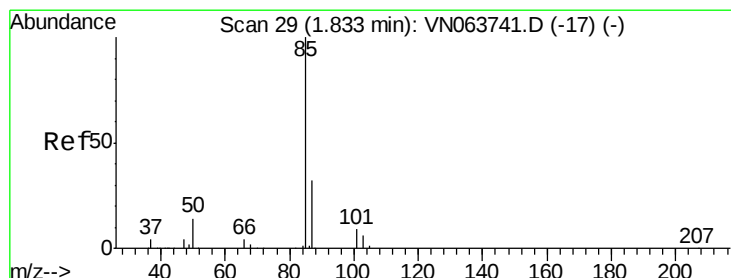
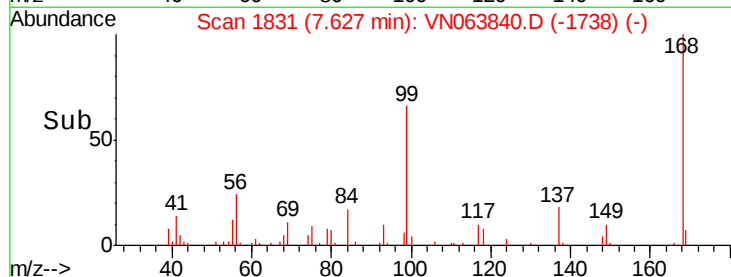
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 18.257 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063840.D

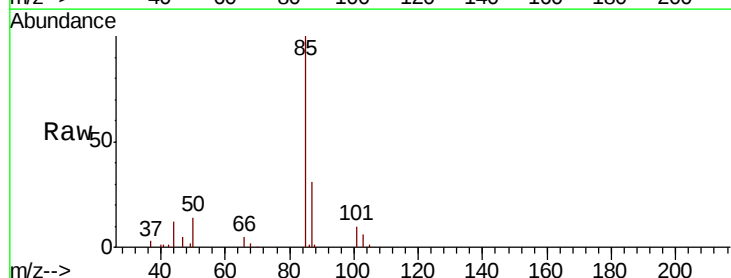
Acq: 2 Oct 2020 23:56

Tgt Ion: 85 Resp: 47447

Ion Ratio Lower Upper

85 100

87 30.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

40000

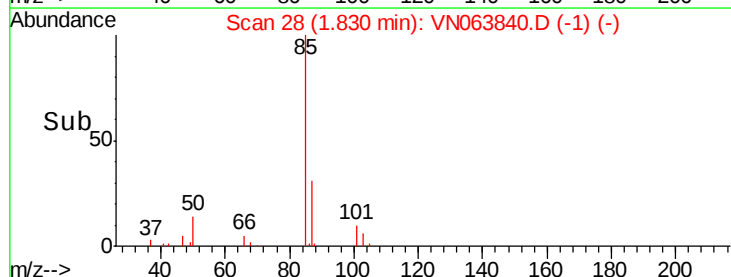
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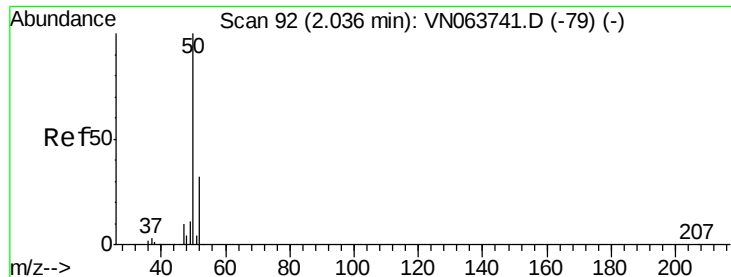
20000

10000

0

Time--> 1.80 1.85 1.90

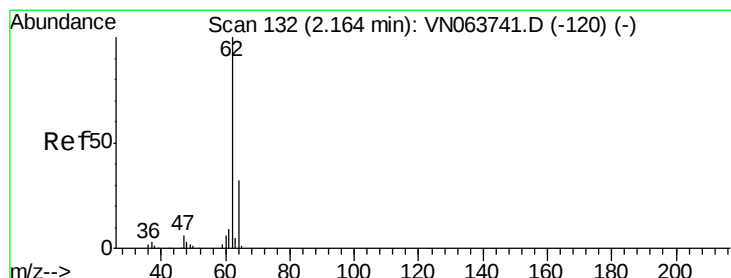
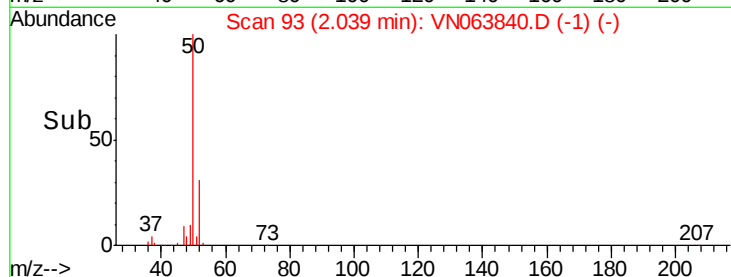
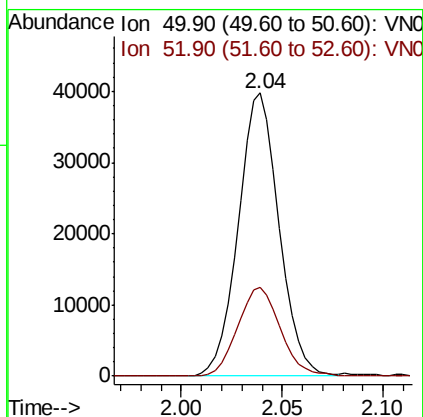
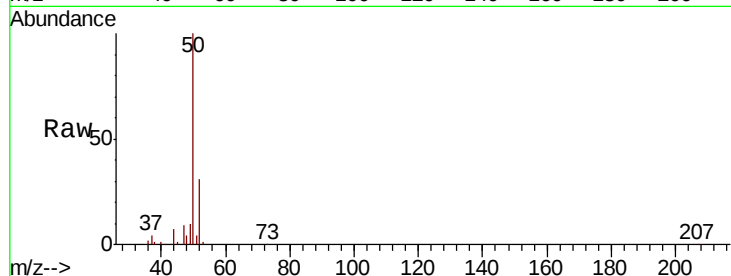




#3
Chloromethane
Concen: 18.444 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

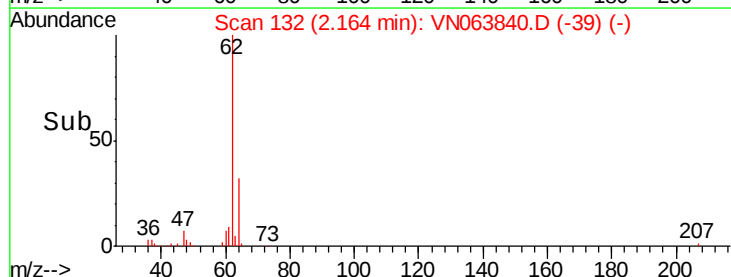
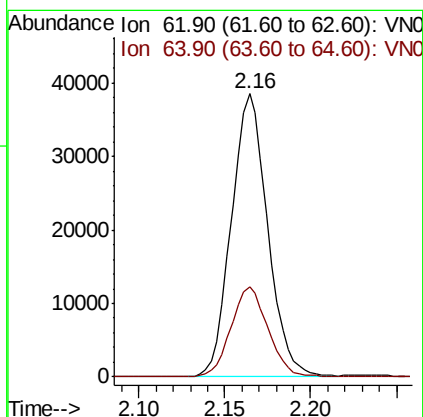
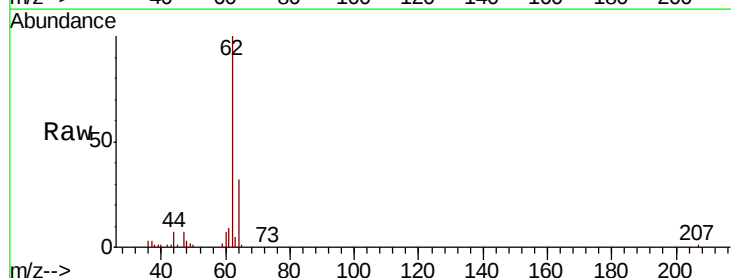
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBS02

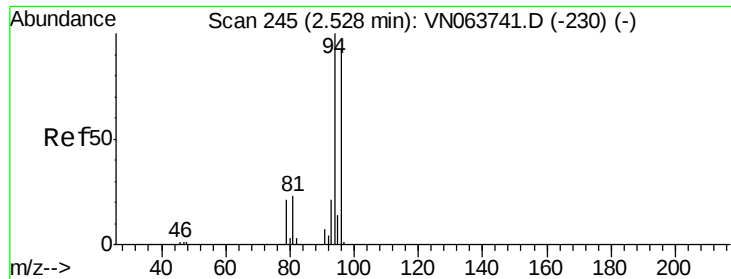
Tot Ion: 50 Resp: 56243
Ion Ratio Lower Upper
50 100
52 31.5 25.8 38.8



#4
Vinyl Chloride
Concen: 18.440 ug/l
RT: 2.16 min Scan# 132
Delta R.T. 0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

Tgt Ion: 62 Resp: 56444
Ion Ratio Lower Upper
62 100
64 31.9 25.6 38.4





#5

Bromomethane

Concen: 20.478 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN063840.D

Acq: 2 Oct 2020 23:56

Instrument :

MSVOA_N

ClientSampleId :

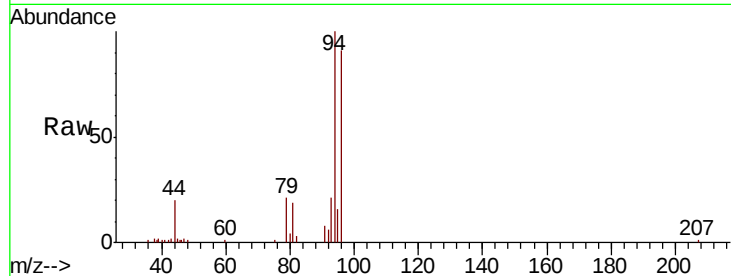
VN1002WBS02

Tot Ion: 94 Resp: 39426

Ion Ratio Lower Upper

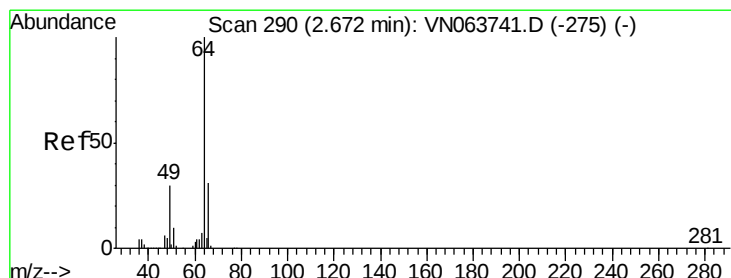
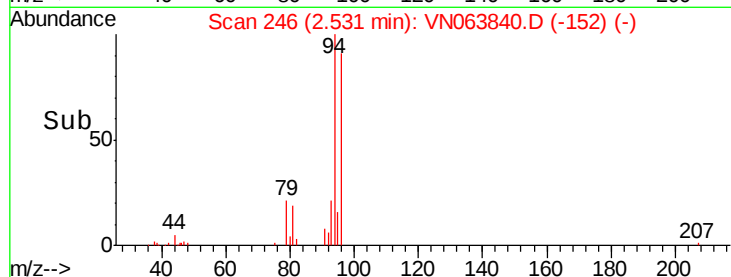
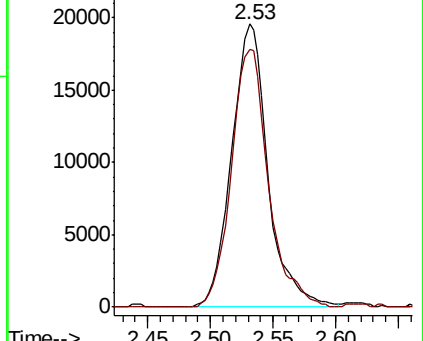
94 100

96 91.3 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 20.624 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN063840.D

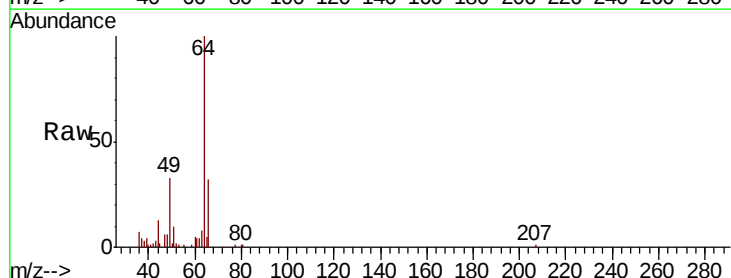
Acq: 2 Oct 2020 23:56

Tgt Ion: 64 Resp: 37722

Ion Ratio Lower Upper

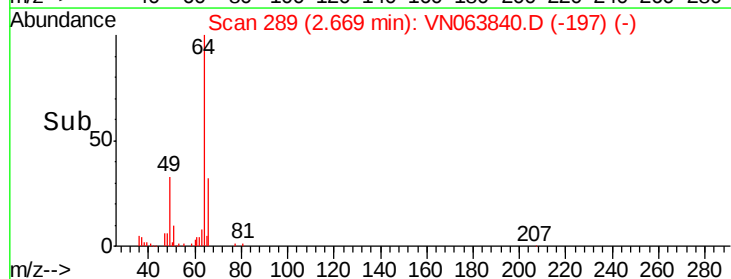
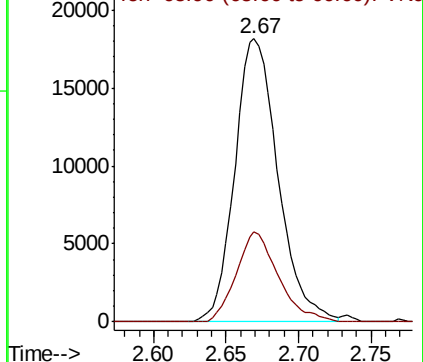
64 100

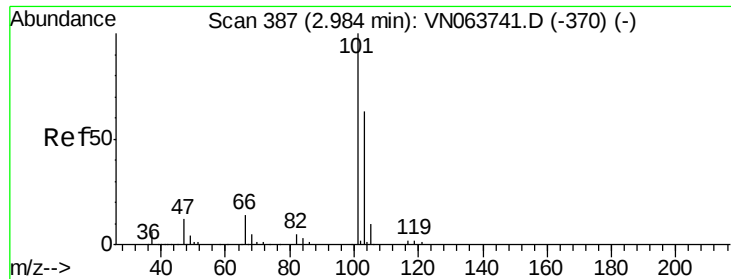
66 32.0 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



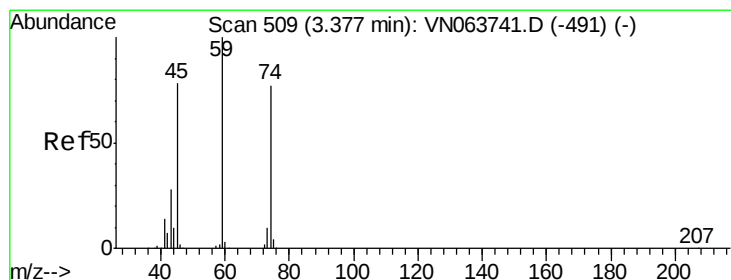
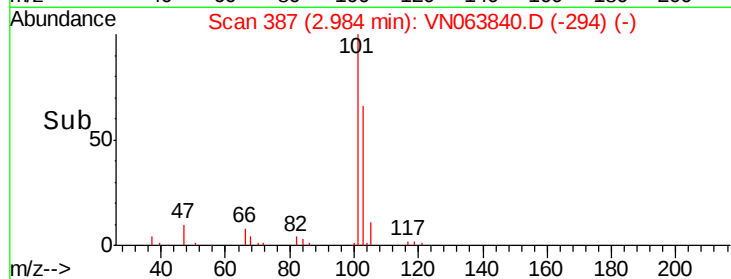
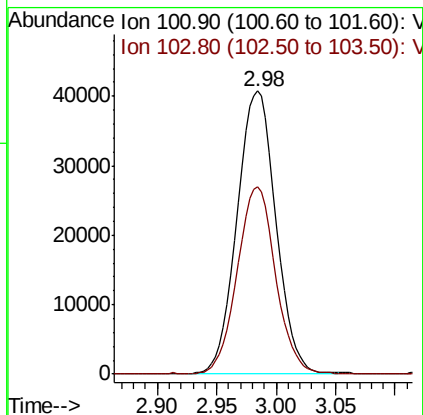
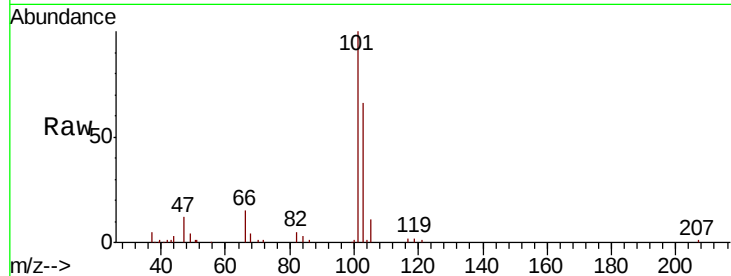


#7

Trichlorofluoromethane
 Concen: 19.061 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN063840.D
 Acq: 2 Oct 2020 23:56

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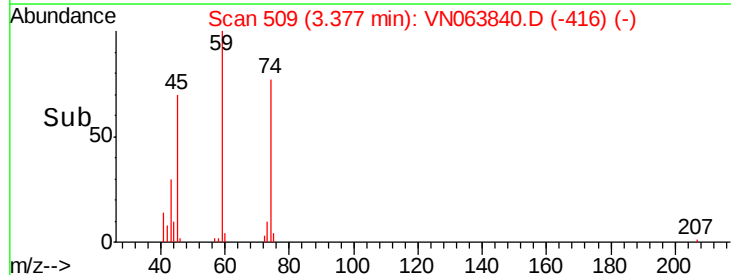
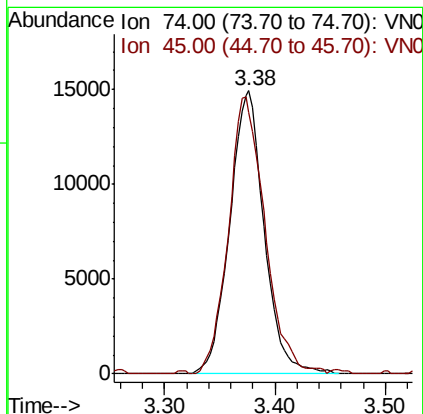
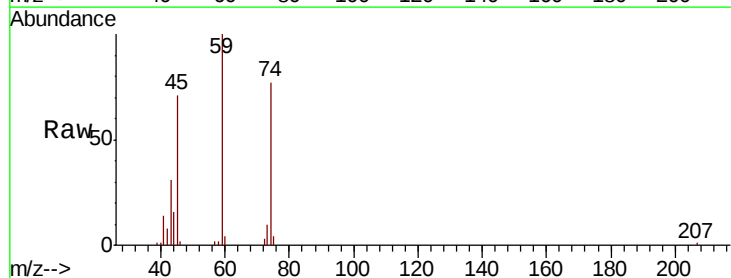
Tot Ion:101 Resp: 92535
 Ion Ratio Lower Upper
 101 100
 103 66.1 50.7 76.1



#8

Diethyl Ether
 Concen: 19.638 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063840.D
 Acq: 2 Oct 2020 23:56

Tgt Ion: 74 Resp: 32241
 Ion Ratio Lower Upper
 74 100
 45 103.9 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.269 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN063840.D

Acq: 2 Oct 2020 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBS02

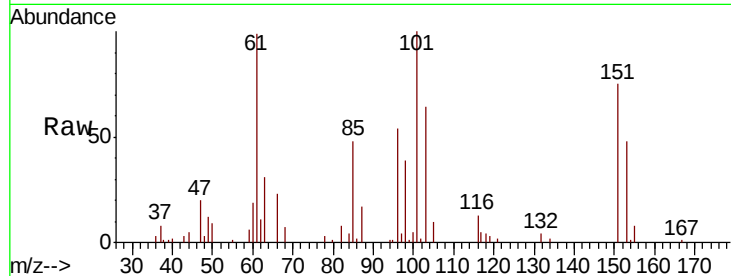
Tot Ion:101 Resp: 47402

Ion Ratio Lower Upper

101 100

85 47.6 38.6 58.0

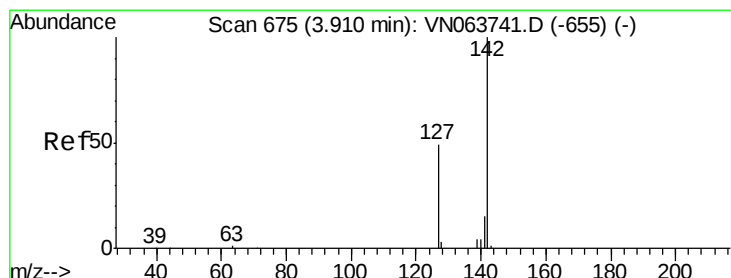
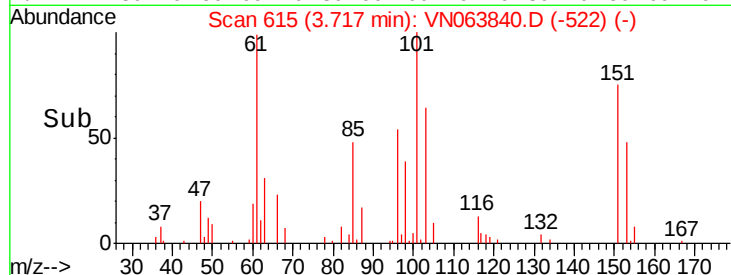
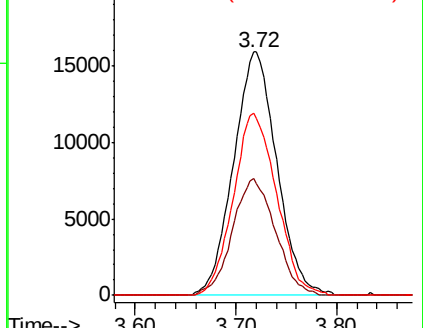
151 74.7 58.7 88.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.946 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN063840.D

Acq: 2 Oct 2020 23:56

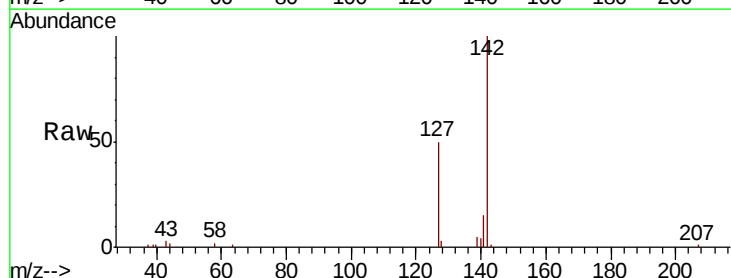
Tgt Ion:142 Resp: 57081

Ion Ratio Lower Upper

142 100

127 50.7 40.5 60.7

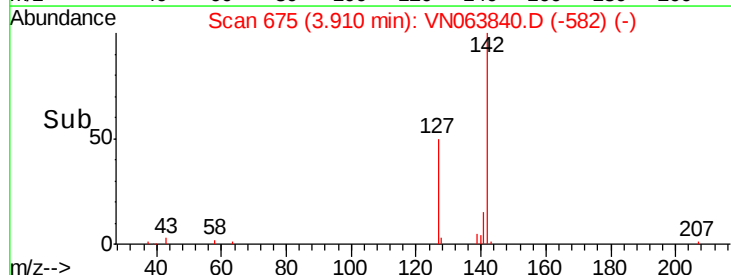
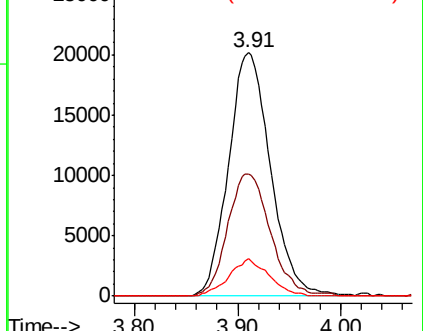
141 14.5 11.7 17.5

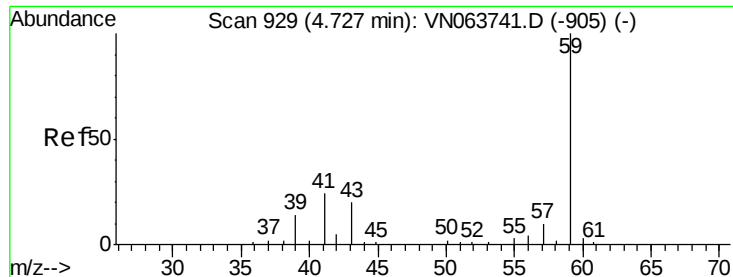


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



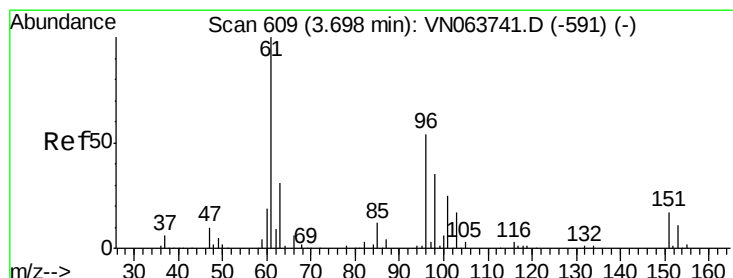
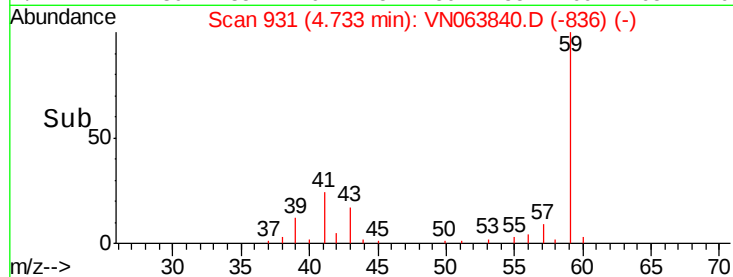
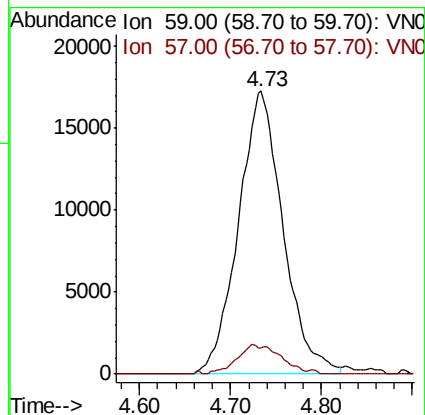
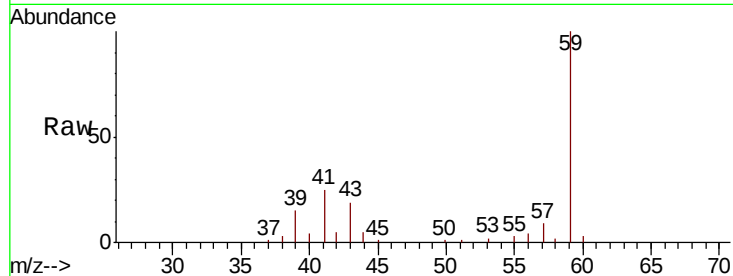


#11

Tert butyl alcohol
 Concen: 131.043 ug/l
 RT: 4.73 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: VN063840.D
 Acq: 2 Oct 2020 23:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBS02

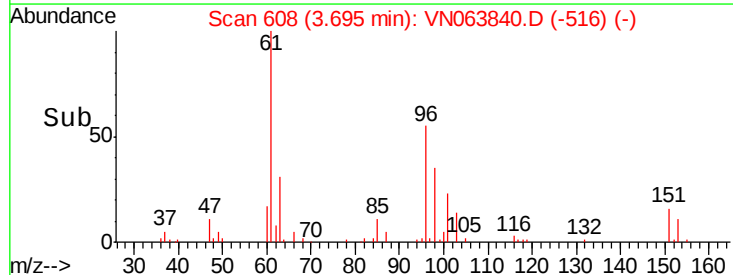
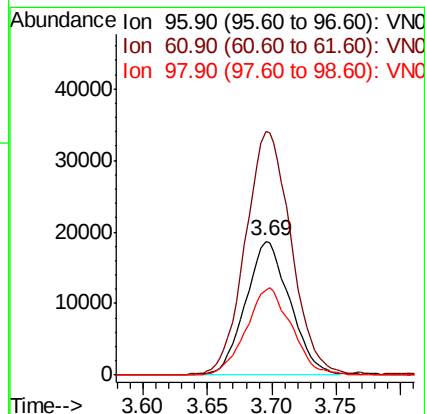
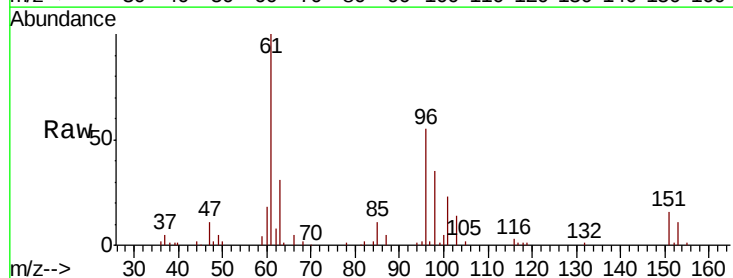
Tot Ion: 59 Resp: 58868
 Ion Ratio Lower Upper
 59 100
 57 5.6 8.7 13.1#

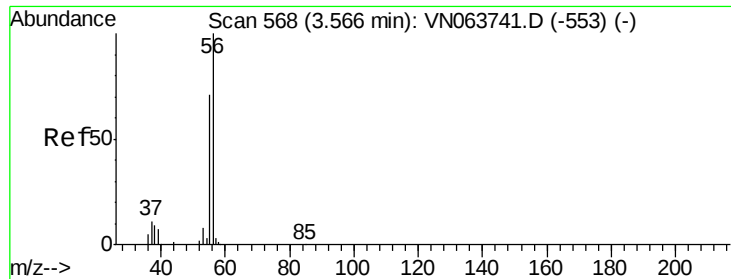


#12

1,1-Dichloroethene
 Concen: 18.081 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN063840.D
 Acq: 2 Oct 2020 23:56

Tgt Ion: 96 Resp: 44843
 Ion Ratio Lower Upper
 96 100
 61 181.2 147.7 221.5
 98 63.8 51.9 77.9





#13

Acrolein

Concen: 65.493 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063840.D

Acq: 2 Oct 2020 23:56

Instrument :

MSVOA_N

ClientSampleId :

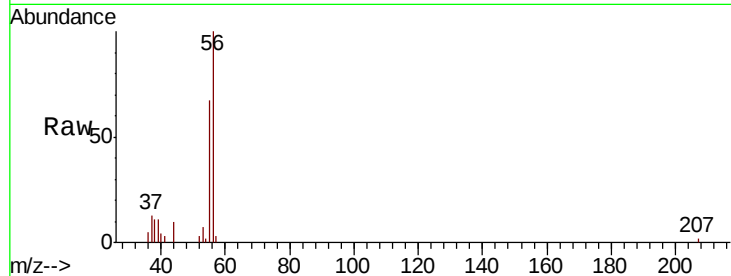
VN1002WBS02

Tot Ion: 56 Resp: 18057

Ion Ratio Lower Upper

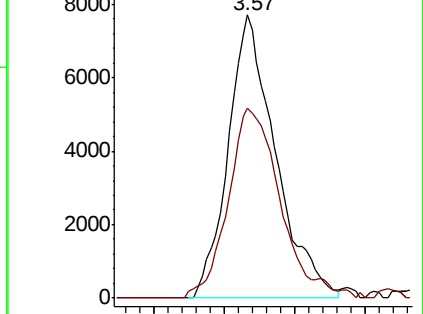
56 100

55 73.1 56.9 85.3

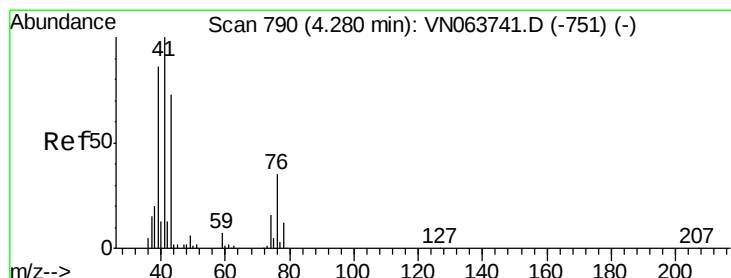
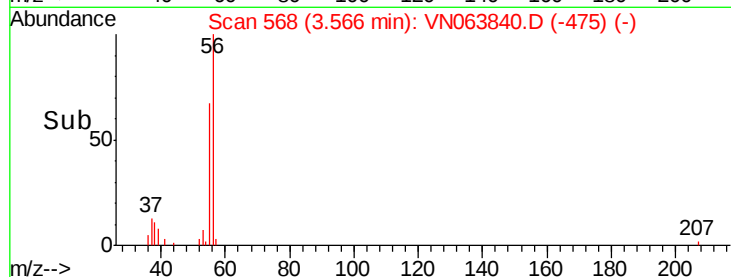


Abundance Ion 56.00 (55.70 to 56.70): VN063840.D (-553) (-)

Ion 55.00 (54.70 to 55.70): VN063840.D (-553) (-)



Time-->



#14

Allyl chloride

Concen: 18.820 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063840.D

Acq: 2 Oct 2020 23:56

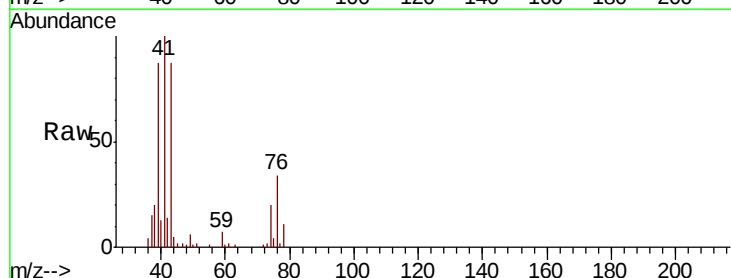
Tgt Ion: 41 Resp: 86717

Ion Ratio Lower Upper

41 100

39 78.3 64.5 96.7

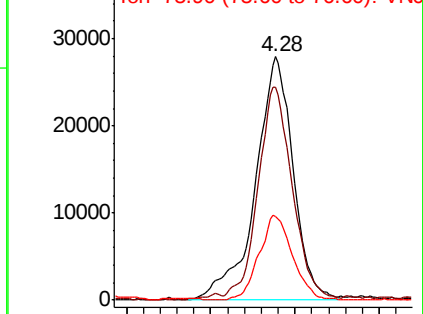
76 30.9 25.9 38.9



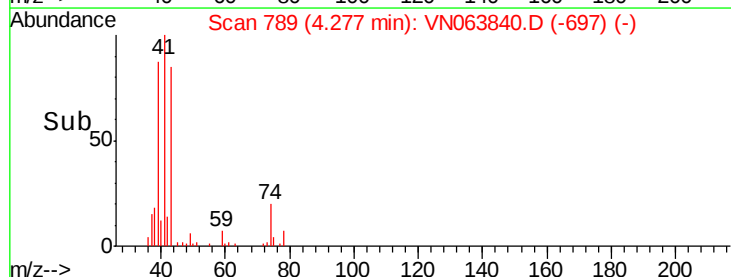
Abundance Ion 41.00 (40.70 to 41.70): VN063840.D (-751) (-)

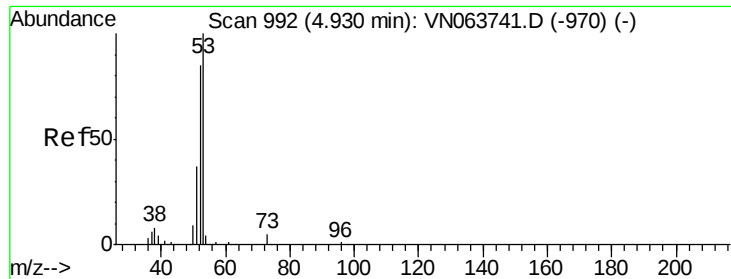
Ion 39.00 (38.70 to 39.70): VN063840.D (-751) (-)

Ion 75.90 (75.60 to 76.60): VN063840.D (-751) (-)



Time-->





#15

Acrylonitrile

Concen: 110.994 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN063840.D

Acq: 2 Oct 2020 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBS02

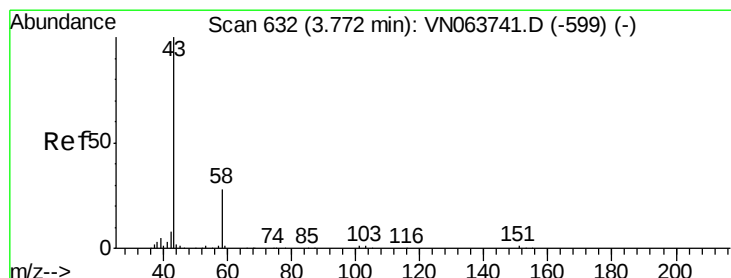
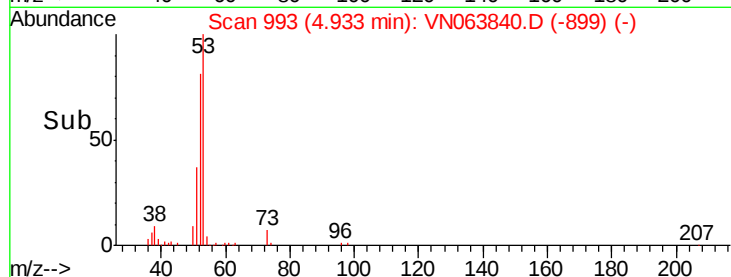
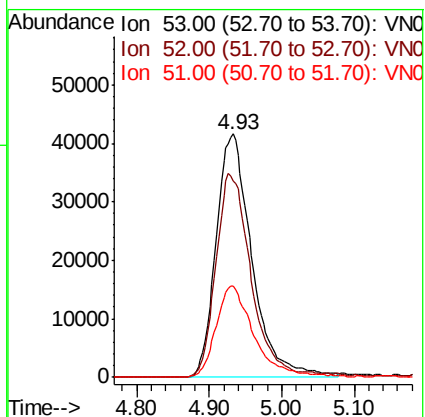
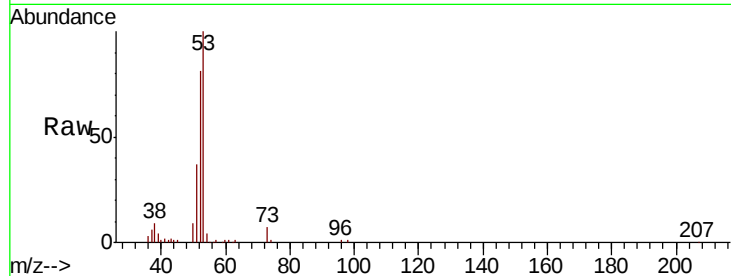
Tot Ion: 53 Resp: 142725

Ion Ratio Lower Upper

53 100

52 81.3 66.5 99.7

51 39.0 29.9 44.9



#16

Acetone

Concen: 113.128 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063840.D

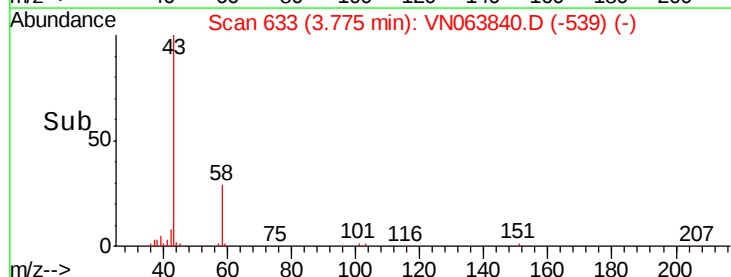
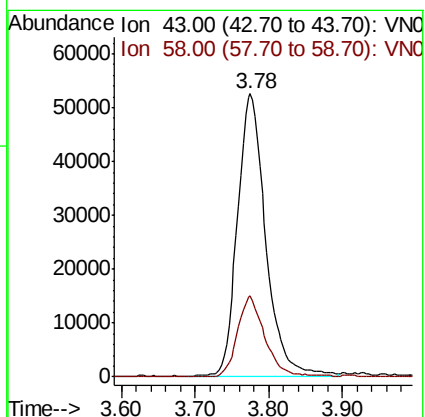
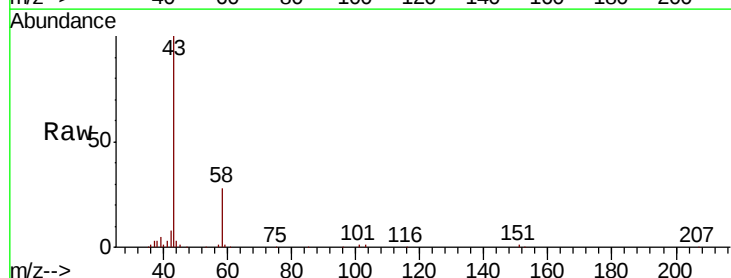
Acq: 2 Oct 2020 23:56

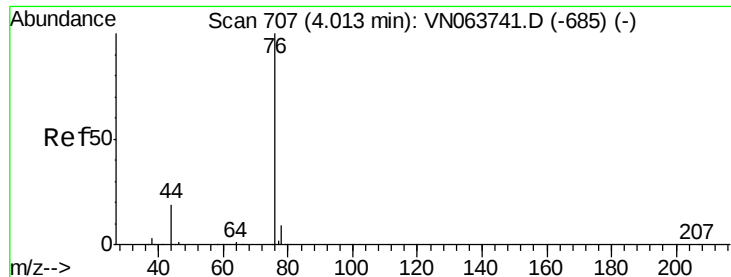
Tgt Ion: 43 Resp: 141699

Ion Ratio Lower Upper

43 100

58 28.2 22.3 33.5





#17

Carbon Disulfide

Concen: 18.677 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN063840.D

Acq: 2 Oct 2020 23:56

Instrument :

MSVOA_N

ClientSampleId :

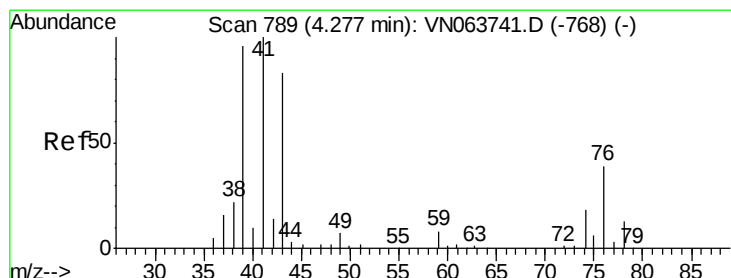
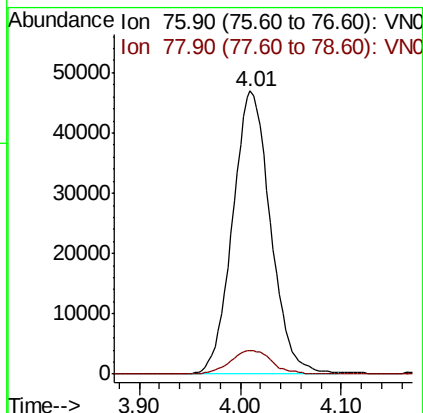
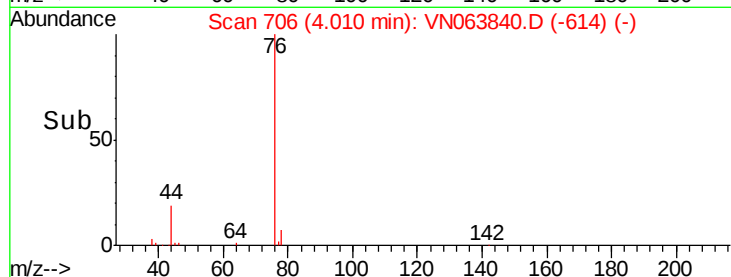
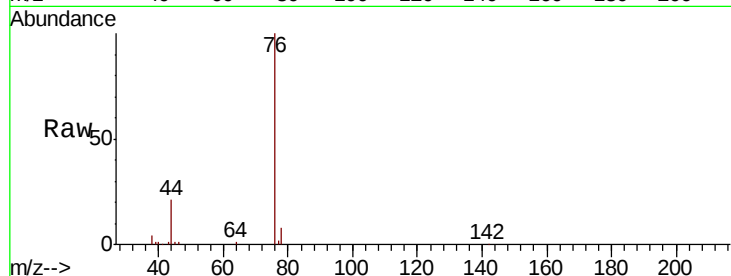
VN1002WBS02

Tot Ion: 76 Resp: 122218

Ion Ratio Lower Upper

76 100

78 8.5 7.0 10.4



#18

Methyl Acetate

Concen: 21.873 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063840.D

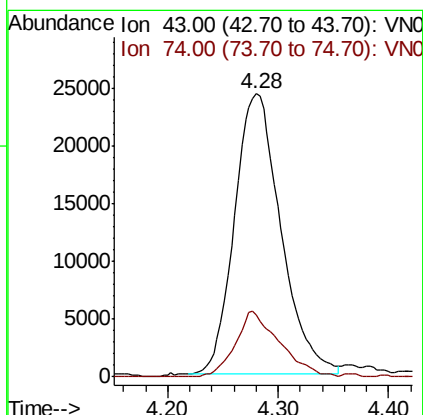
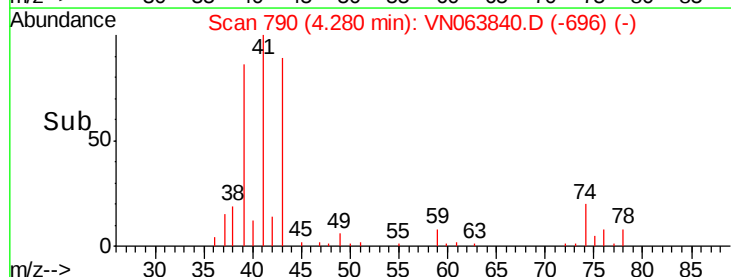
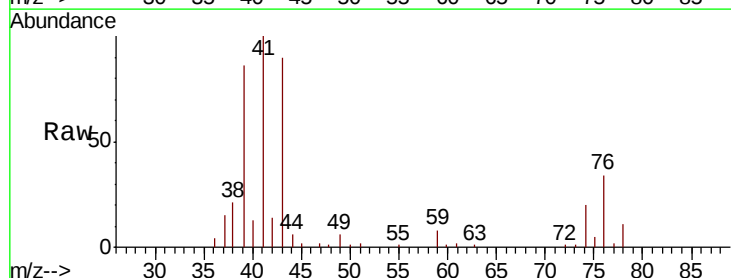
Acq: 2 Oct 2020 23:56

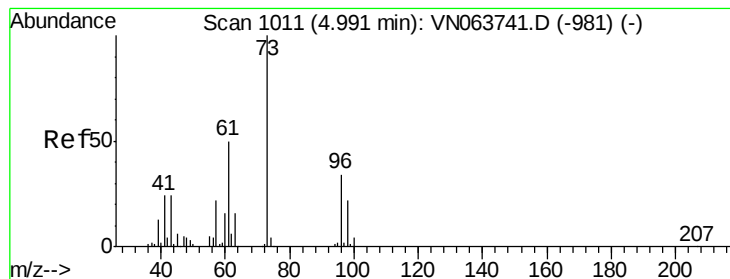
Tgt Ion: 43 Resp: 71134

Ion Ratio Lower Upper

43 100

74 22.2 17.4 26.2



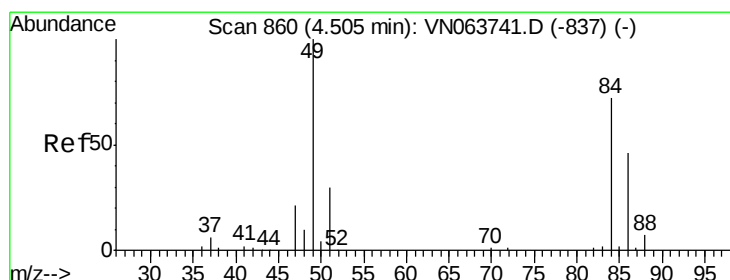
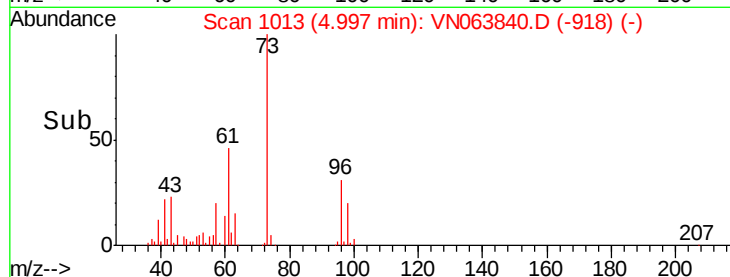
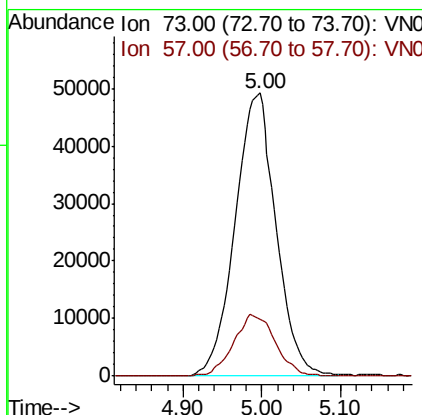
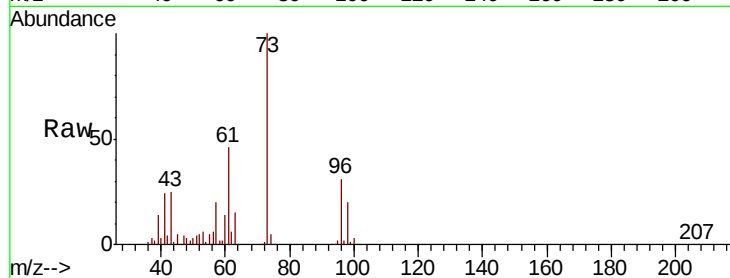


#19

Methyl tert-butyl Ether
 Concen: 19.927 ug/l
 RT: 5.00 min Scan# 1013
 Delta R.T. 0.01 min
 Lab File: VN063840.D
 Acq: 2 Oct 2020 23:56

Instrument :
 MSVOA_N
 ClientSampled :
 VN1002WBS02

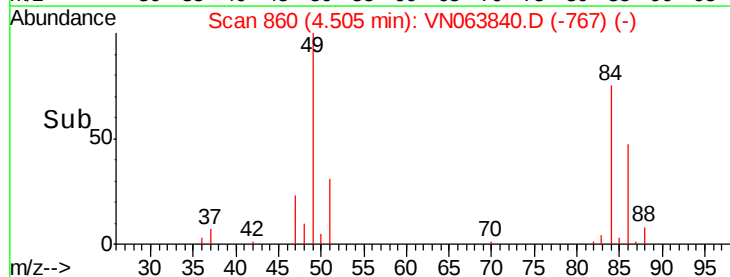
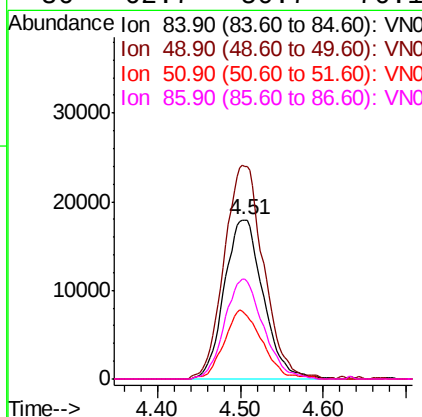
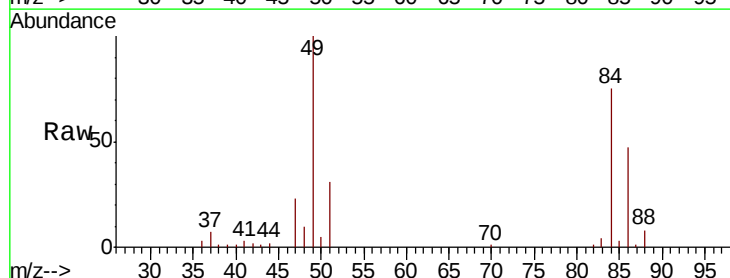
Tot Ion: 73 Resp: 179553
 Ion Ratio Lower Upper
 73 100
 57 20.2 17.6 26.4

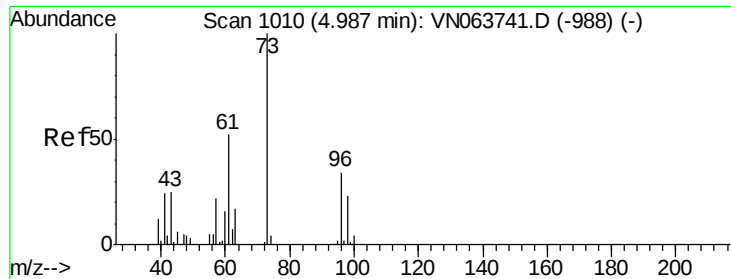


#20

Methylene Chloride
 Concen: 20.431 ug/l
 RT: 4.51 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: VN063840.D
 Acq: 2 Oct 2020 23:56

Tgt Ion: 84 Resp: 58448
 Ion Ratio Lower Upper
 84 100
 49 133.6 110.4 165.6
 51 41.0 33.3 49.9
 86 62.7 50.7 76.1

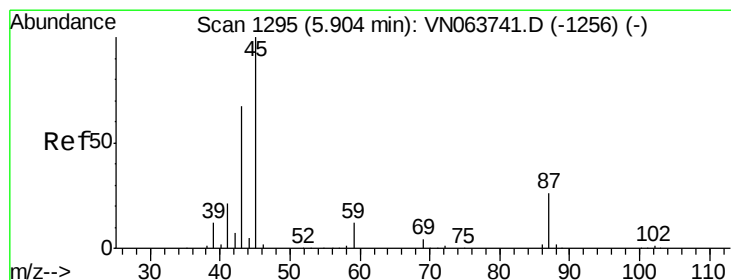
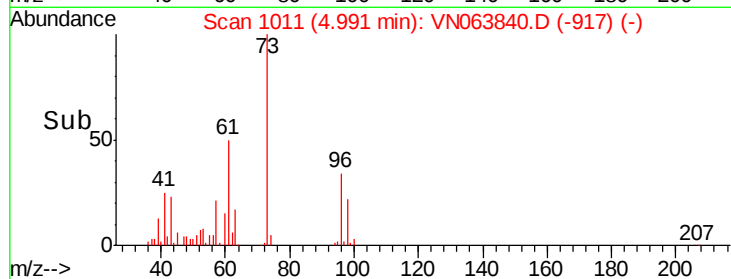
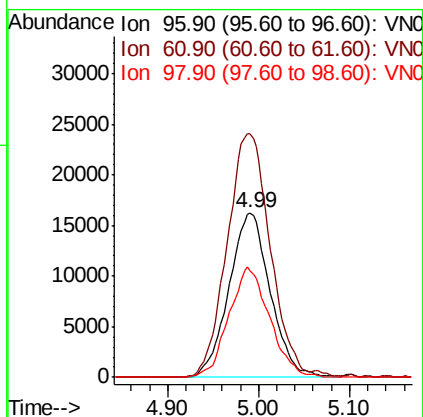
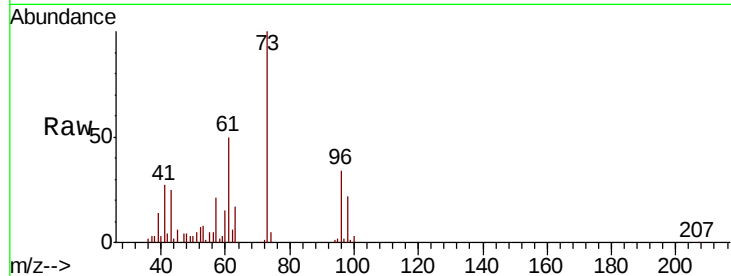




#21
trans-1,2-Dichloroethene
Concen: 18.430 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

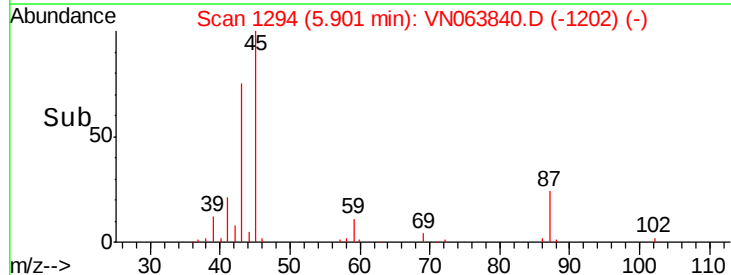
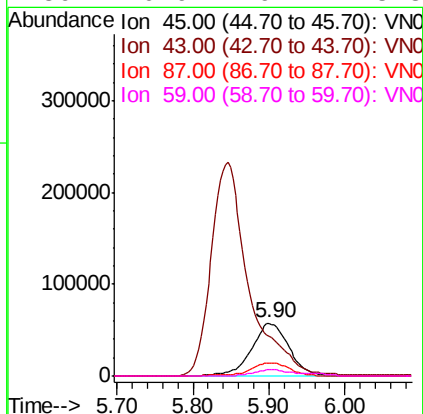
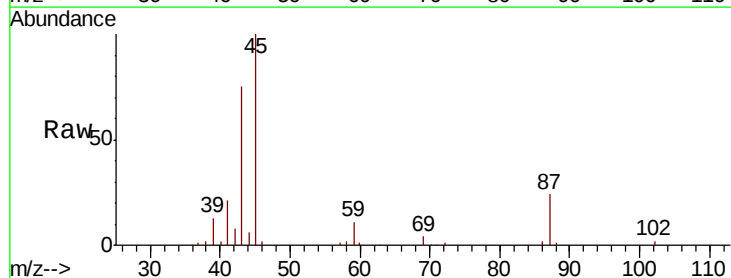
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBS02

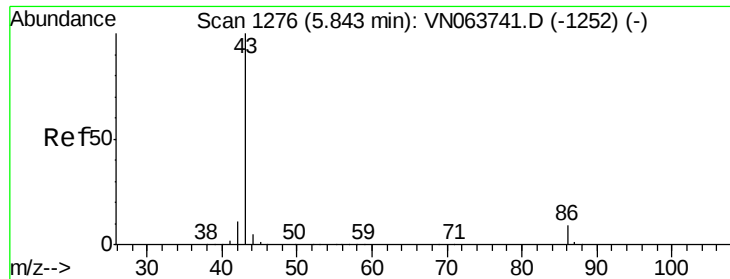
Tot Ion: 96 Resp: 51198
Ion Ratio Lower Upper
96 100
61 147.0 120.2 180.2
98 64.9 52.6 79.0



#22
Diisopropyl ether
Concen: 20.649 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

Tgt Ion: 45 Resp: 195755
Ion Ratio Lower Upper
45 100
43 71.7 53.7 80.5
87 24.2 21.1 31.7
59 10.9 9.2 13.8

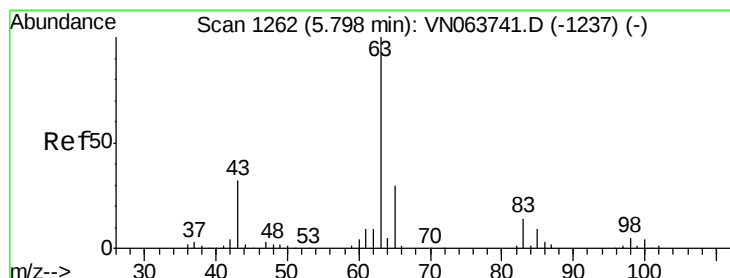
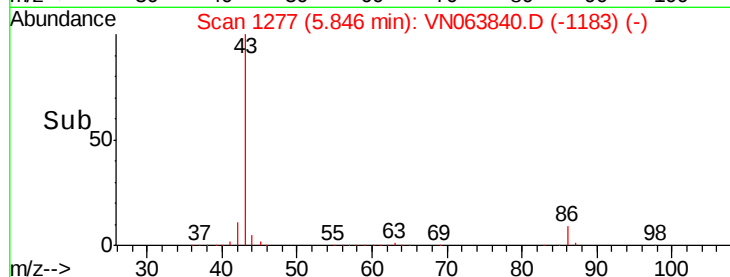
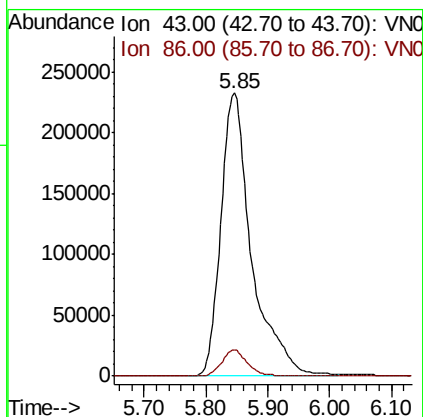
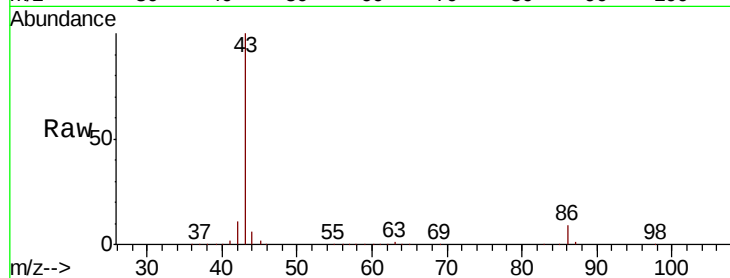




#23
 Vinyl Acetate
 Concen: 102.535 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN063840.D
 Acq: 2 Oct 2020 23:56

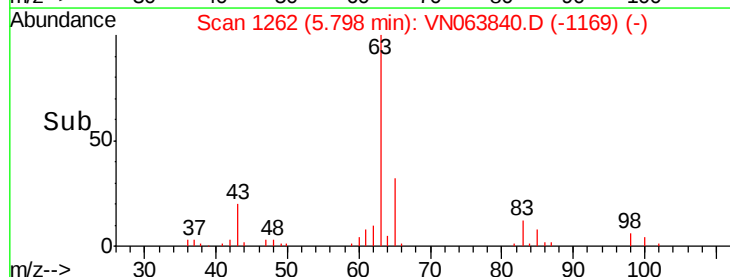
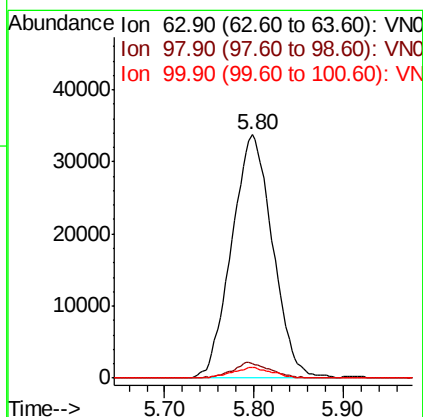
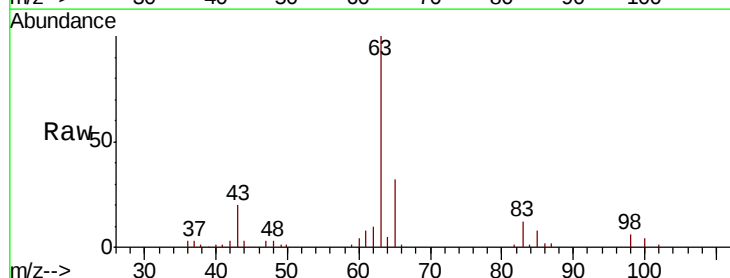
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBS02

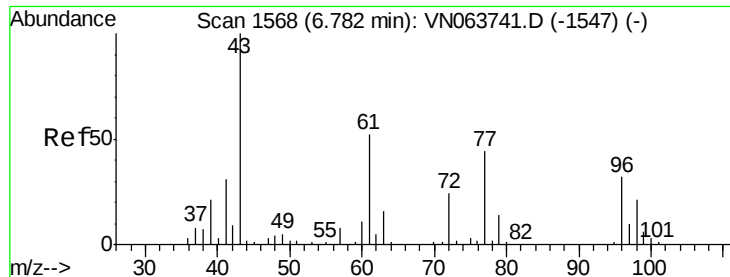
Tot Ion: 43 Resp: 805181
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 19.810 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN063840.D
 Acq: 2 Oct 2020 23:56

Tgt Ion: 63 Resp: 107379
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.7 8.1
 100 4.2 1.9 5.7

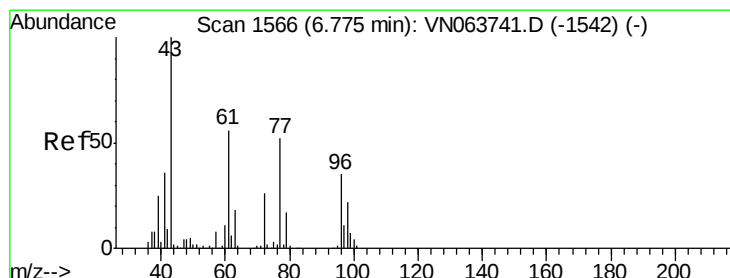
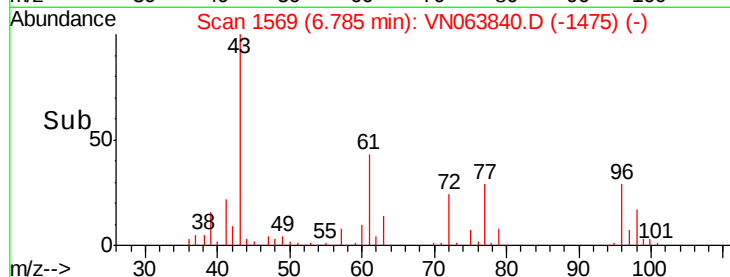
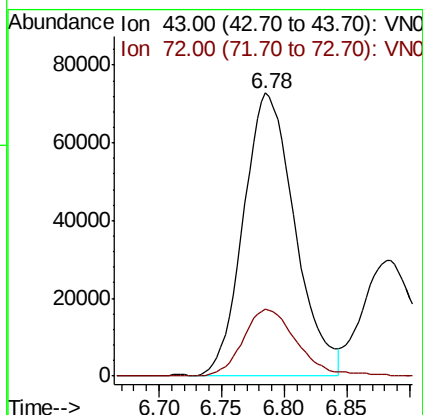
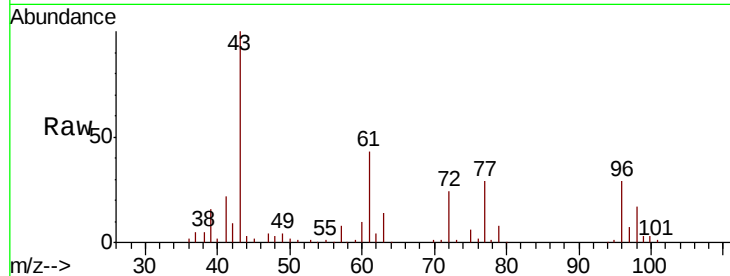




#25
2-Butanone
Concen: 116.612 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

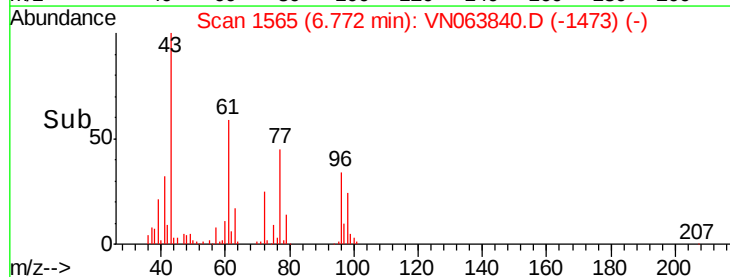
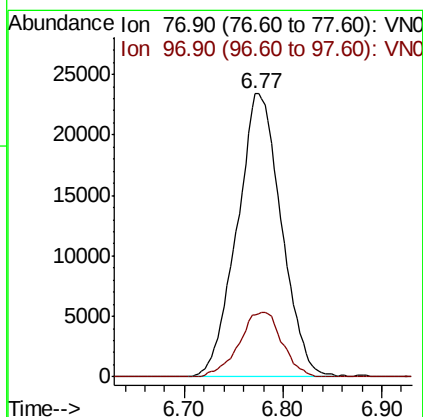
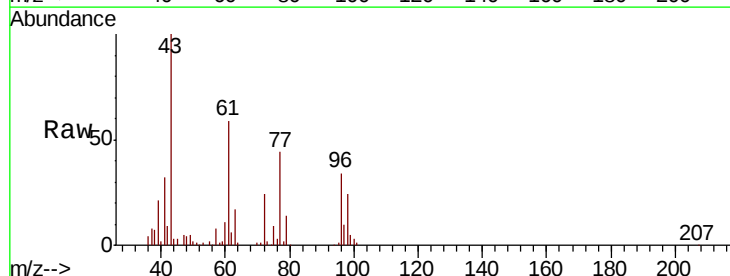
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBS02

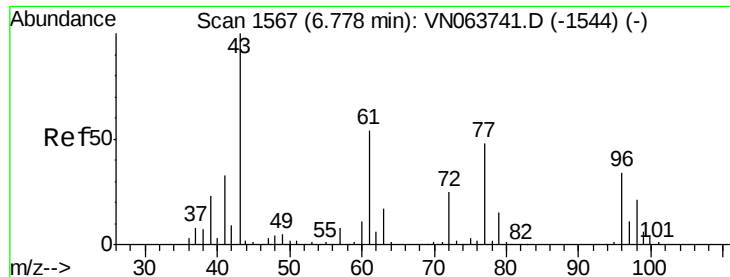
Tot Ion: 43 Resp: 207081
Ion Ratio Lower Upper
43 100
72 23.6 19.3 28.9



#26
2,2-Dichloropropane
Concen: 14.686 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

Tgt Ion: 77 Resp: 72897
Ion Ratio Lower Upper
77 100
97 22.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.169 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063840.D

Acq: 2 Oct 2020 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBS02

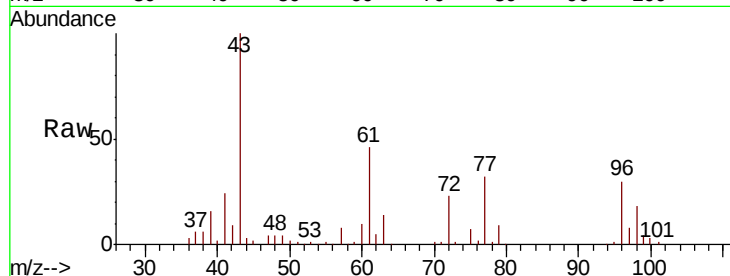
Tot Ion: 96 Resp: 61245

Ion Ratio Lower Upper

96 100

61 155.8 0.0 321.2

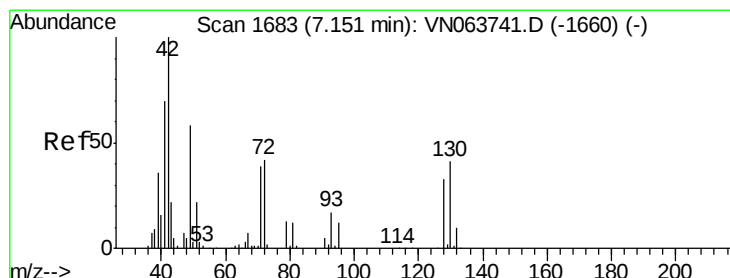
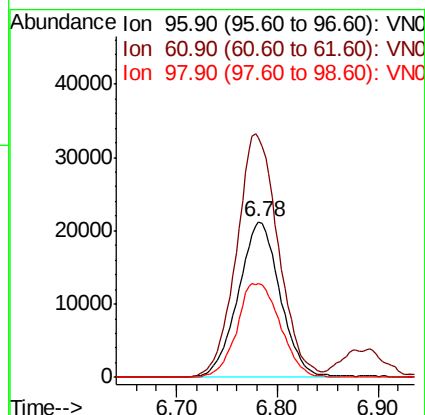
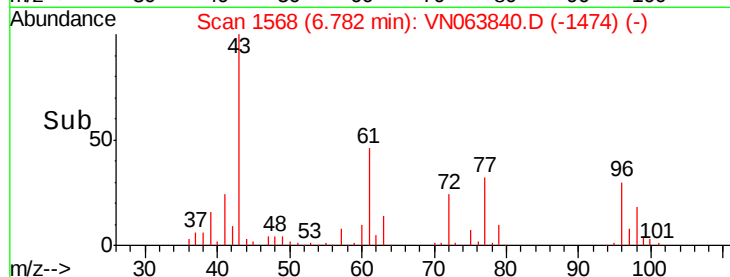
98 62.0 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 21.110 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN063840.D

Acq: 2 Oct 2020 23:56

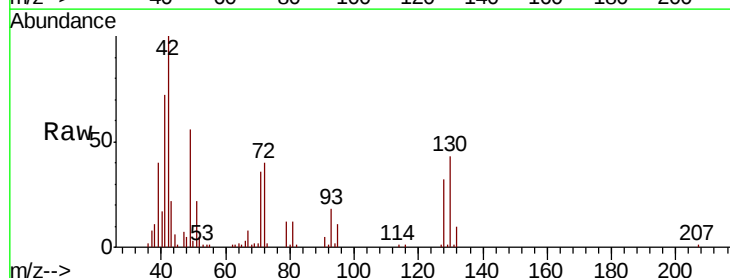
Tgt Ion: 49 Resp: 56554

Ion Ratio Lower Upper

49 100

129 0.4 0.0 4.8

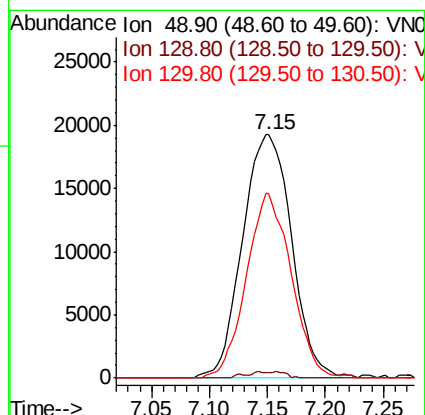
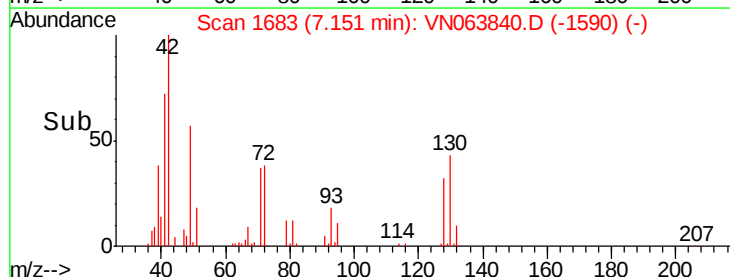
130 69.8 55.6 83.4

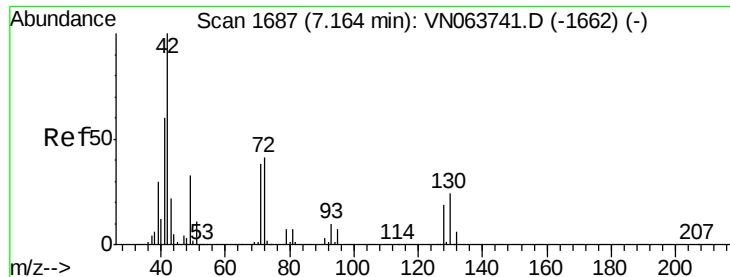


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

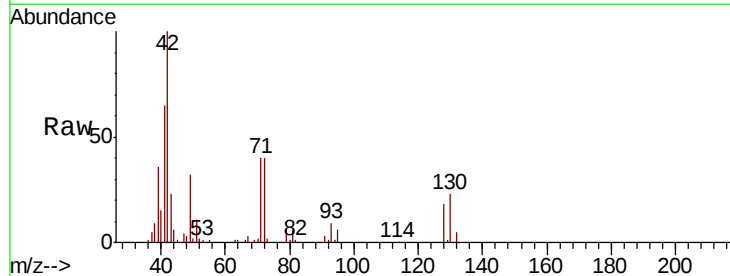




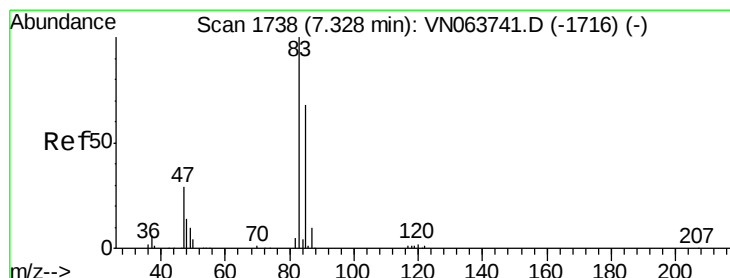
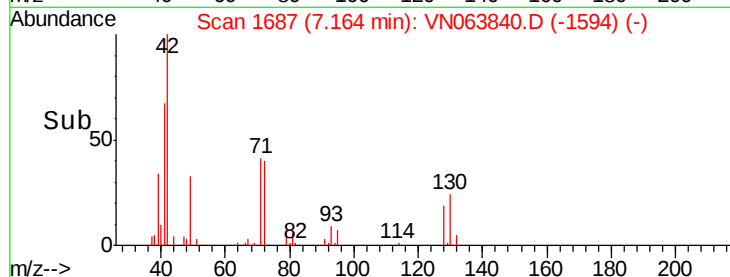
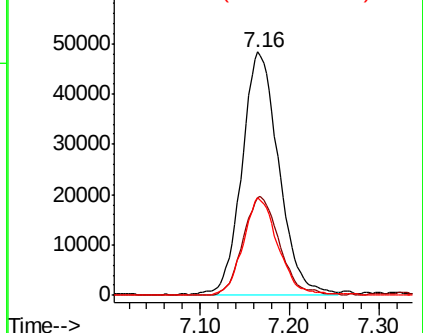
#29
Tetrahydrofuran
Concen: 115.806 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBS02

Tot Ion: 42 Resp: 137929
Ion Ratio Lower Upper
42 100
72 40.5 32.8 49.2
71 38.3 30.6 45.8

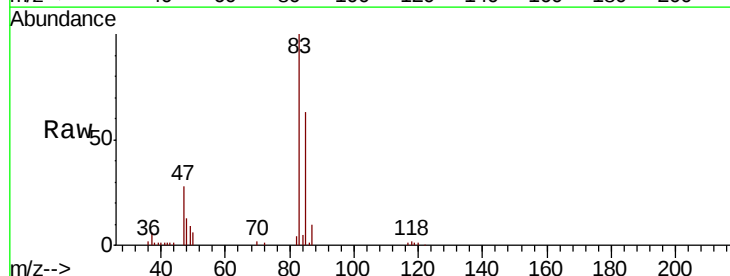


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

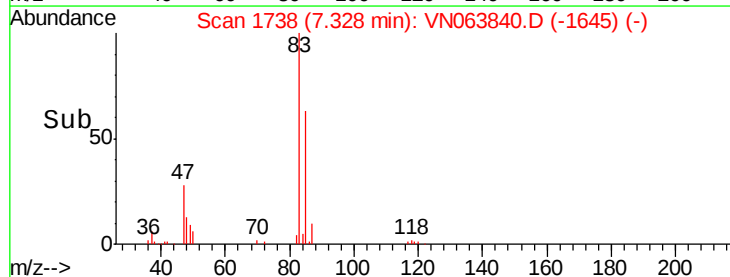
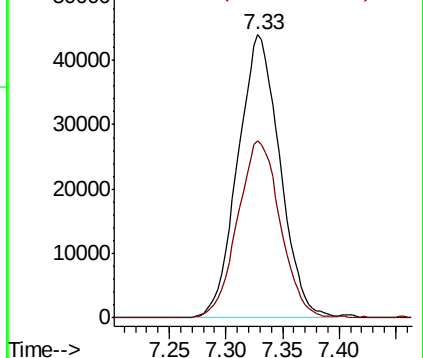


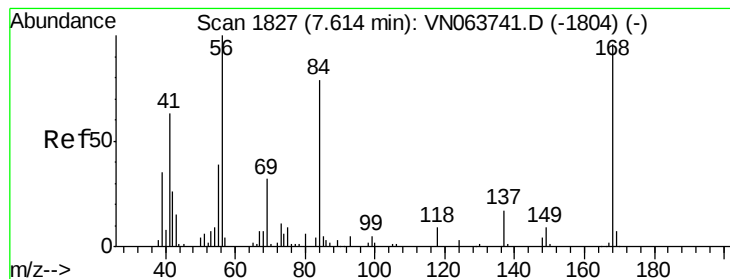
#30
Chloroform
Concen: 20.139 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

Tgt Ion: 83 Resp: 113820
Ion Ratio Lower Upper
83 100
85 62.6 54.6 82.0



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





#31

Cyclohexane

Concen: 17.736 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

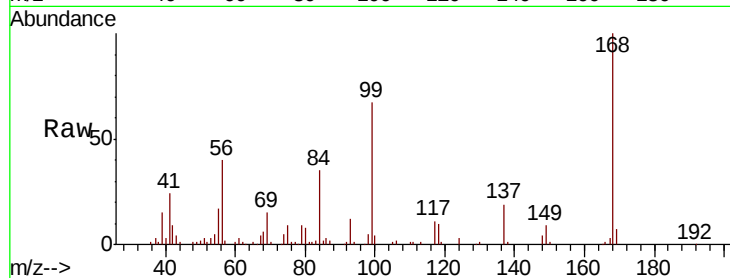
Lab File: VN063840.D

Acq: 2 Oct 2020 23:56

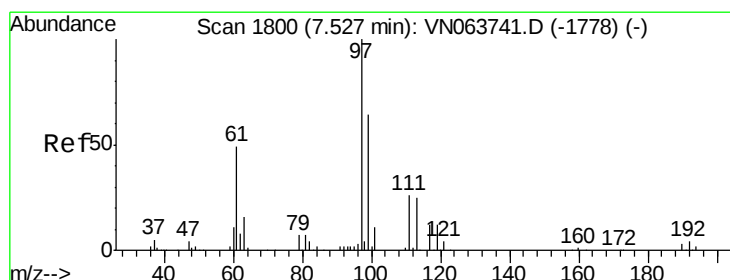
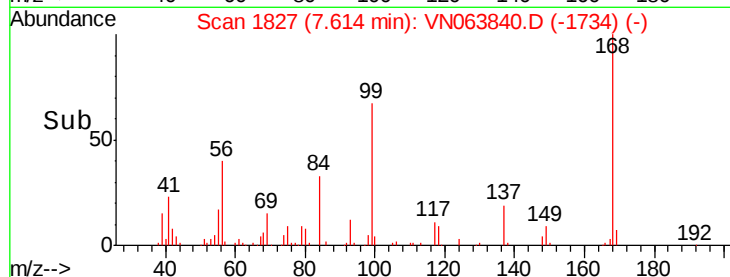
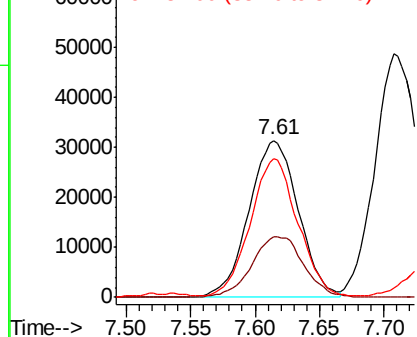
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBS02

Tot Ion: 56 Resp: 83783

Ion	Ratio	Lower	Upper
56	100		
69	38.4	25.4	38.2#
84	87.0	63.3	94.9



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: 19.498 ug/l

RT: 7.53 min Scan# 1800

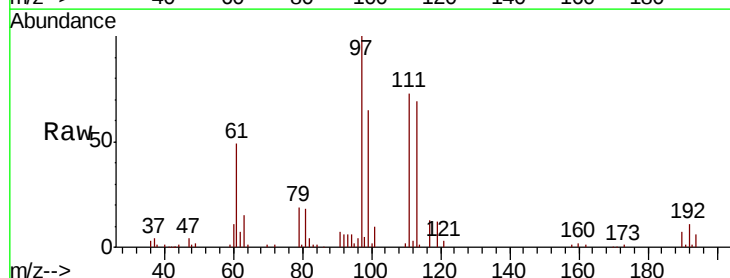
Delta R.T. 0.00 min

Lab File: VN063840.D

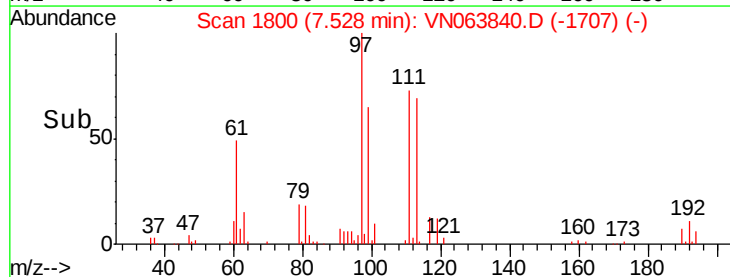
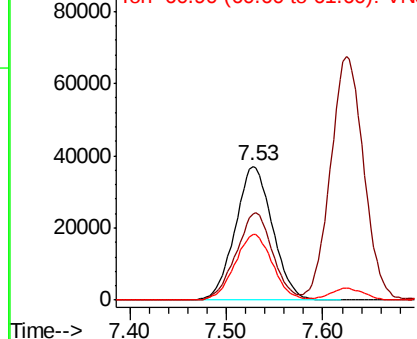
Acq: 2 Oct 2020 23:56

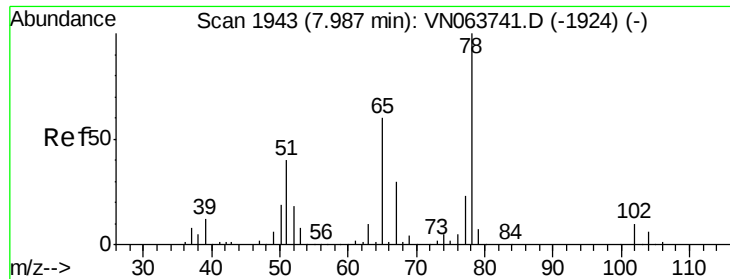
Tgt Ion: 97 Resp: 99395

Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.0	76.6
61	49.5	38.7	58.1



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

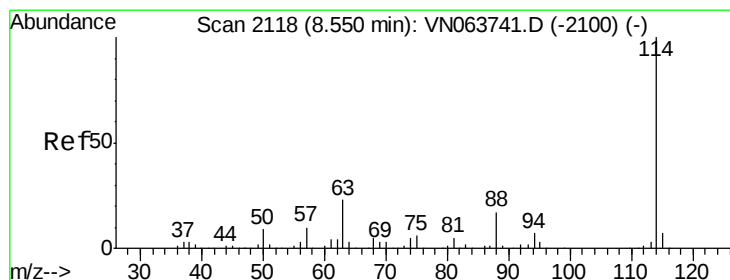
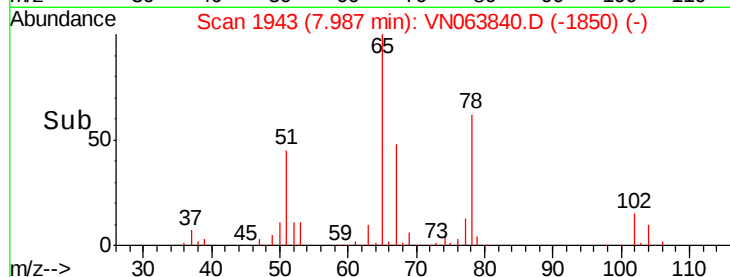
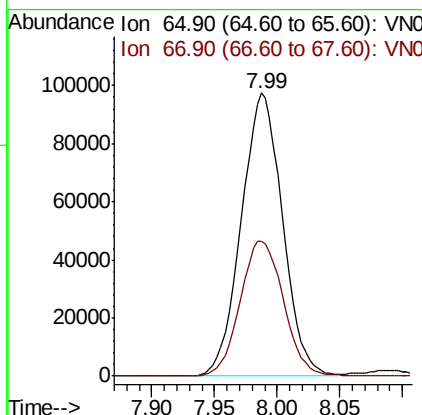
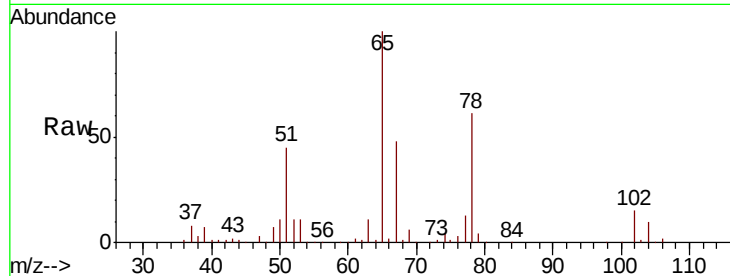




#33
 1,2-Dichloroethane-d4
 Concen: 54.754 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063840.D
 Acq: 2 Oct 2020 23:56

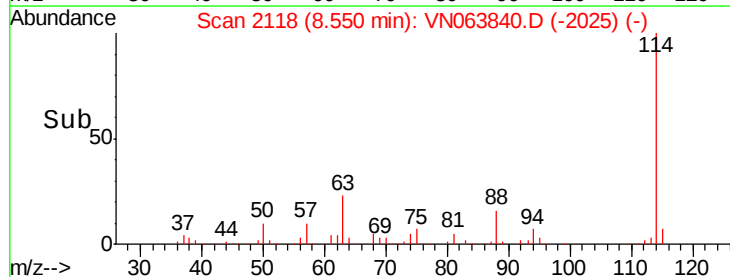
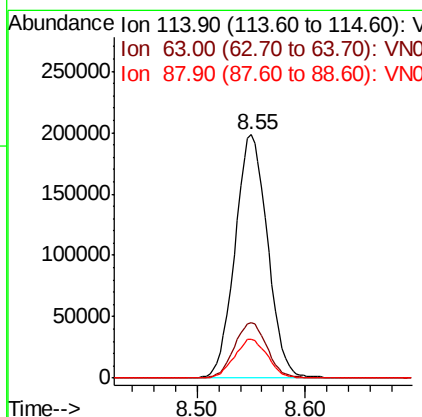
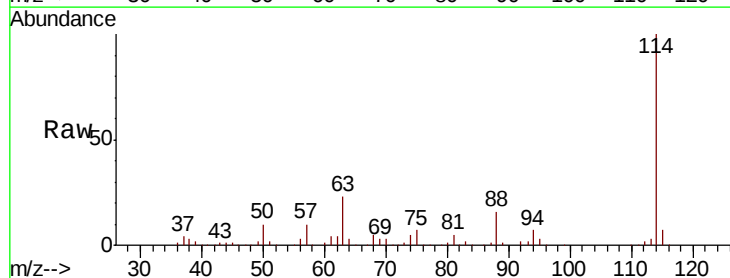
Instrument :
 MSVOA_N
 ClientSampled :
 VN1002WBS02

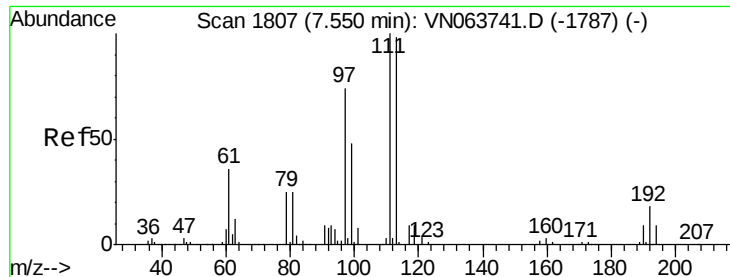
Tot Ion: 65 Resp: 222791
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063840.D
 Acq: 2 Oct 2020 23:56

Tgt Ion: 114 Resp: 417766
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.0
 88 16.2 0.0 34.0

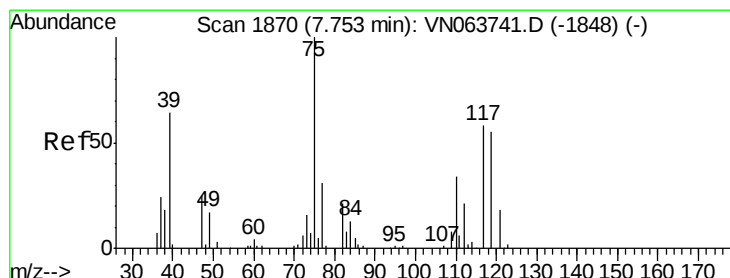
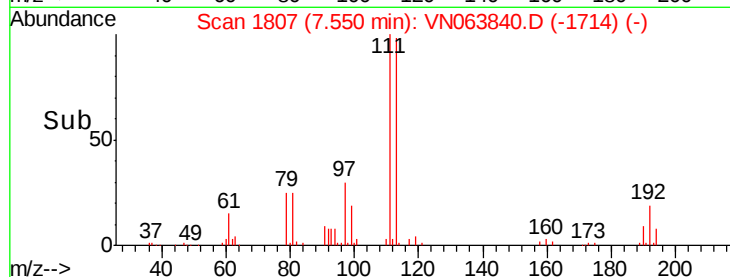
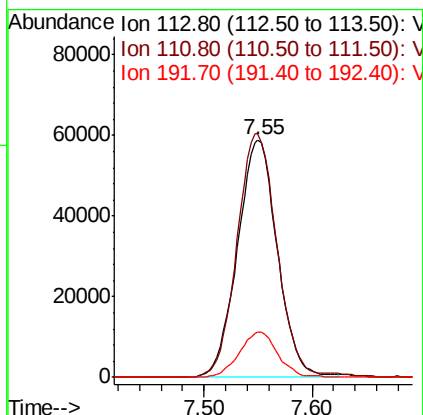
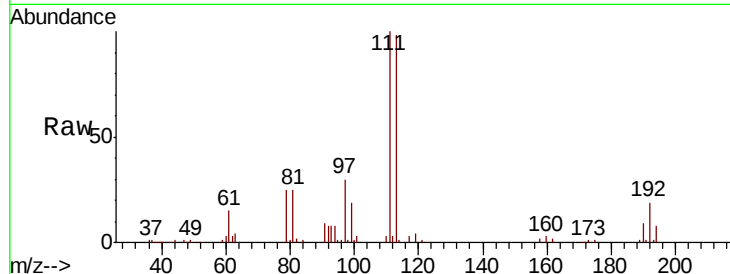




#35
 Dibromofluoromethane
 Concen: 52.264 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063840.D
 Acq: 2 Oct 2020 23:56

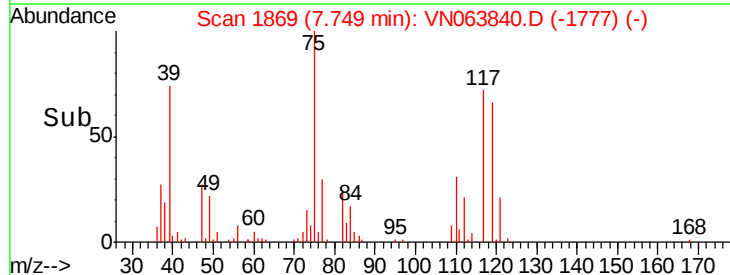
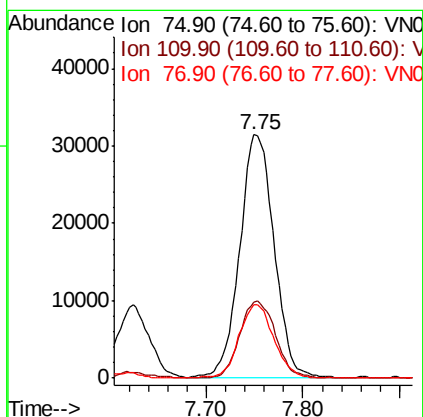
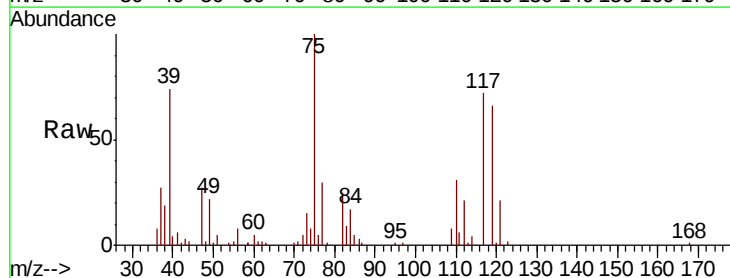
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBS02

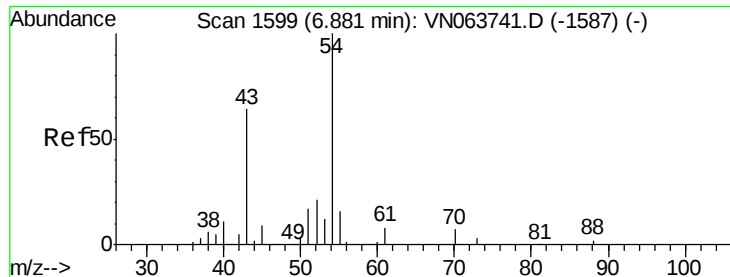
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.8	122.8
192	18.3	14.2	21.2



#36
 1,1-Dichloropropene
 Concen: 18.453 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN063840.D
 Acq: 2 Oct 2020 23:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.6	16.9	50.6
77	30.5	24.5	36.7

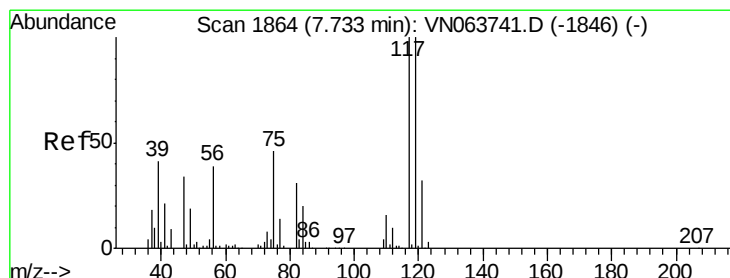
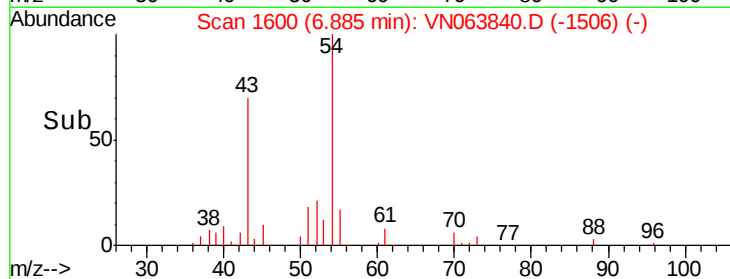
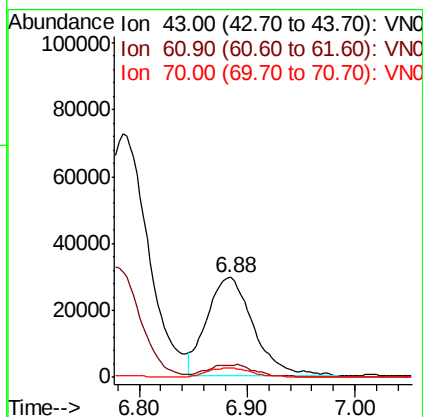
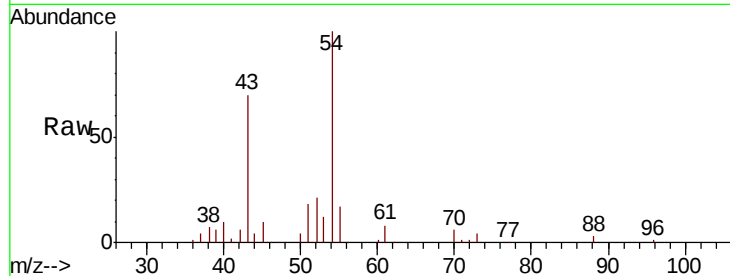




#37
Ethyl Acetate
Concen: 21.010 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

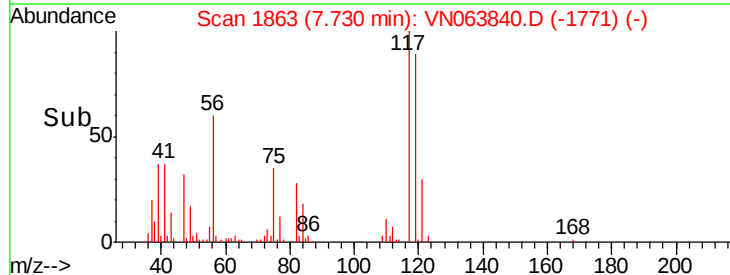
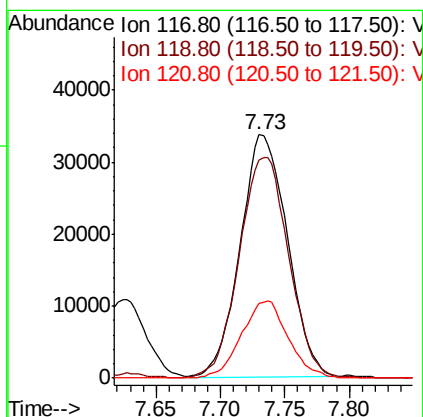
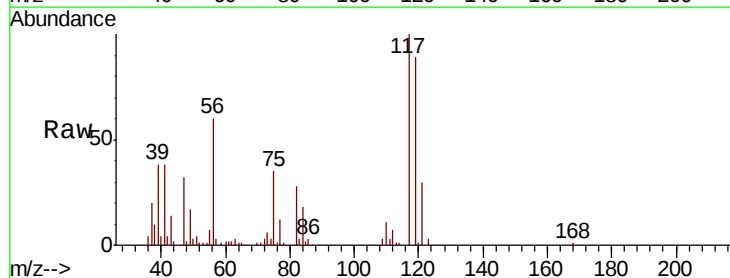
Instrument :
MSVOA_N
ClientSampled :
VN1002WBS02

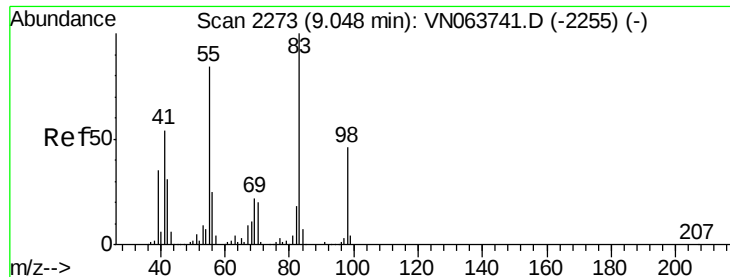
Tot Ion: 43 Resp: 88347
Ion Ratio Lower Upper
43 100
61 4.1 10.4 15.6#
70 9.2 7.3 10.9



#38
Carbon Tetrachloride
Concen: 18.099 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

Tgt Ion: 117 Resp: 85899
Ion Ratio Lower Upper
117 100
119 89.3 80.1 120.1
121 30.7 25.7 38.5

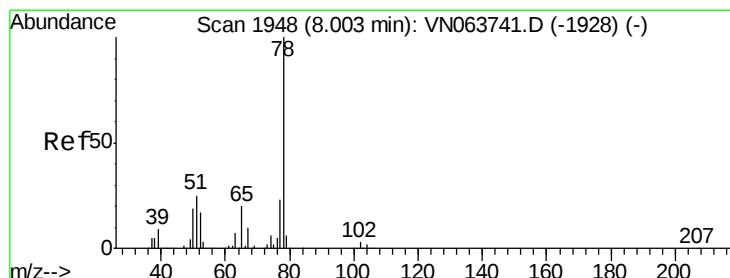
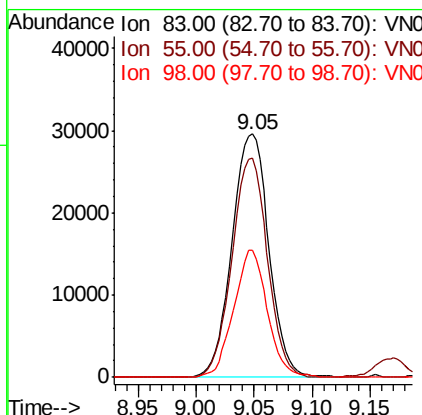
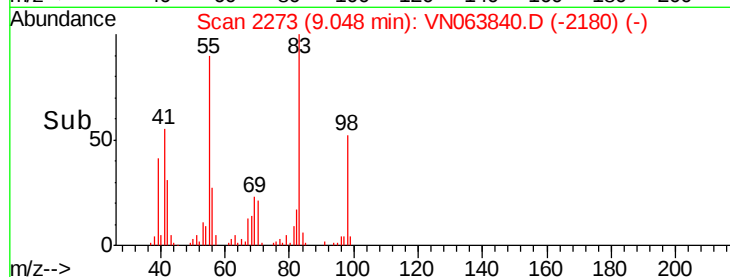
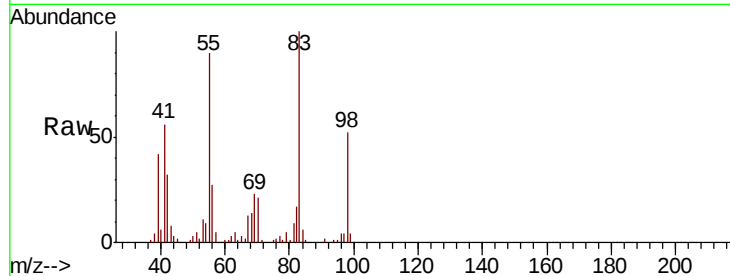




#39
Methvlcvclohexane
Concen: 15.502 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

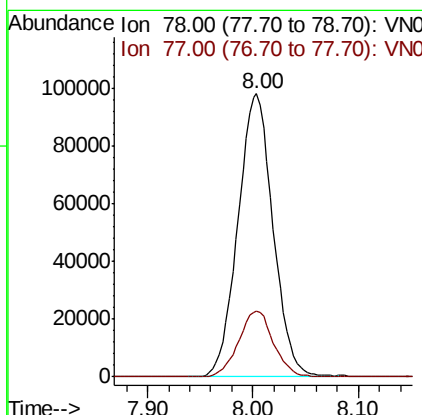
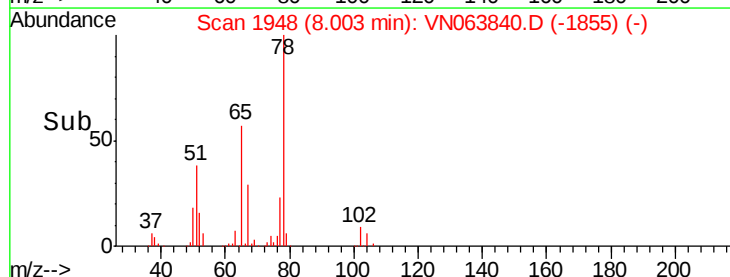
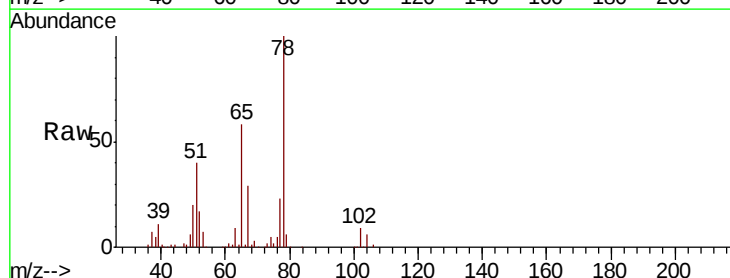
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBS02

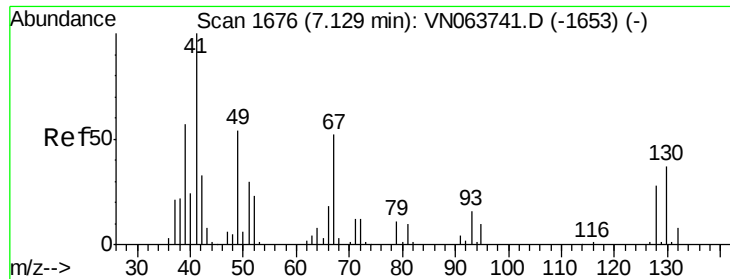
Tot Ion: 83 Resp: 65427
Ion Ratio Lower Upper
83 100
55 90.1 67.1 100.7
98 52.0 36.6 54.8



#40
Benzene
Concen: 18.794 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

Tgt Ion: 78 Resp: 227192
Ion Ratio Lower Upper
78 100
77 23.2 18.7 28.1

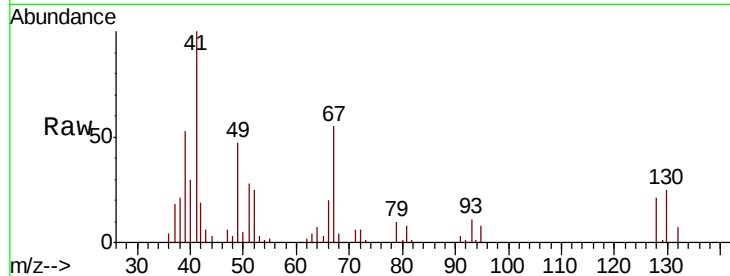




#41
Methacrylonitrile
Concen: 20.095 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBS02

Tot Ion:	41	Resp:	37555
Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.5	63.7#
67	79.7	57.4	86.2
52	38.0	26.9	40.3



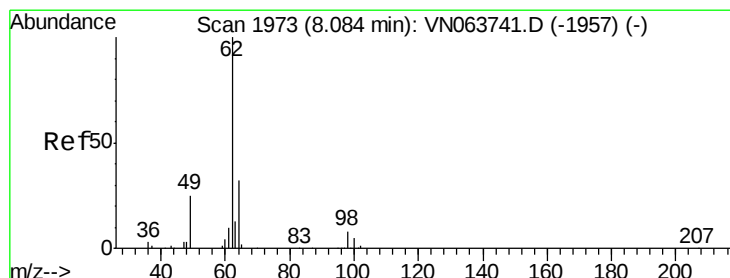
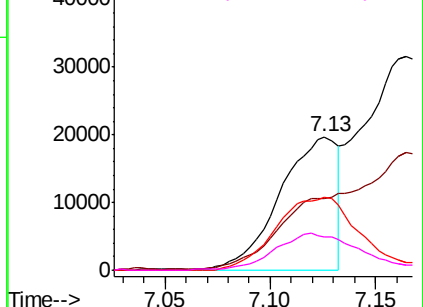
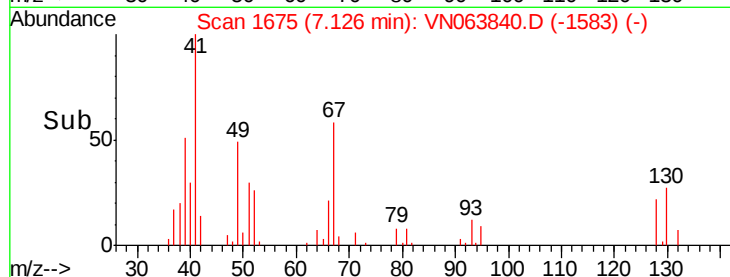
Abundance

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

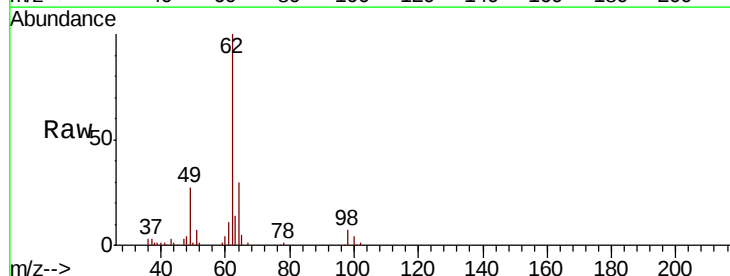
Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42
1,2-Dichloroethane
Concen: 20.024 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

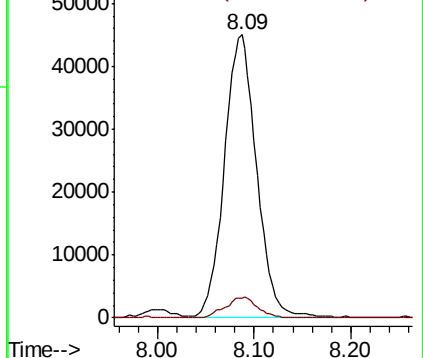
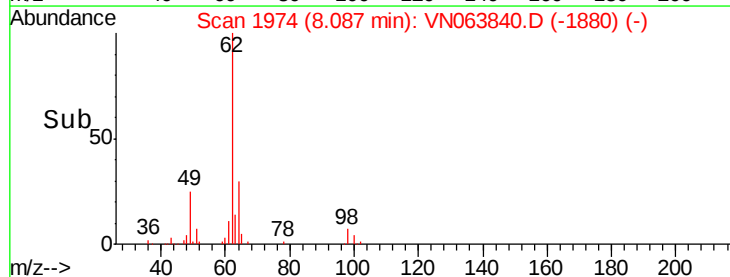
Tgt Ion:	62	Resp:	103327
Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	15.0

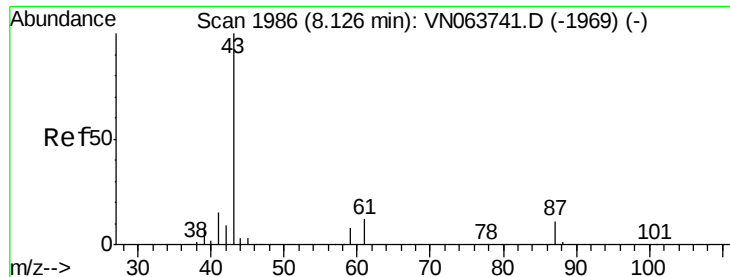


Abundance

Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 20.761 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN063840.D

Acq: 2 Oct 2020 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBS02

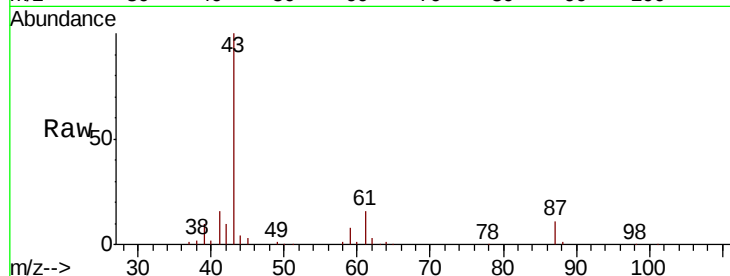
Tot Ion: 43 Resp: 143993

Ion Ratio Lower Upper

43 100

61 16.8 14.2 21.4

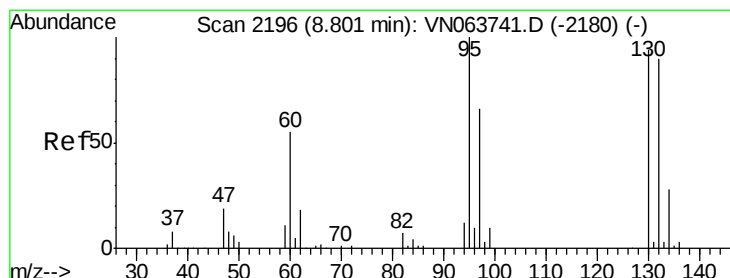
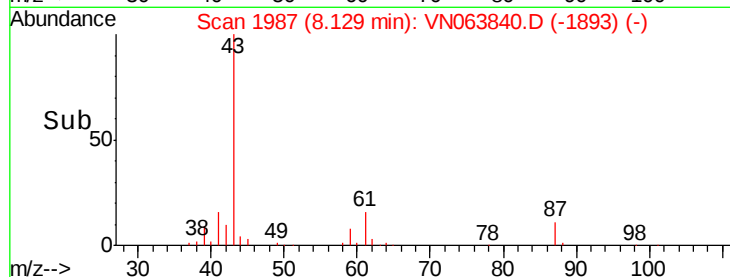
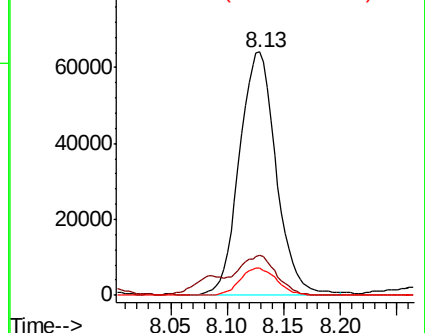
87 11.2 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063840.D (-2103) (-)

Ion 61.00 (60.70 to 61.70): VN063840.D (-2103) (-)

Ion 87.00 (86.70 to 87.70): VN063840.D (-2103) (-)



#44

Trichloroethene

Concen: 18.215 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063840.D

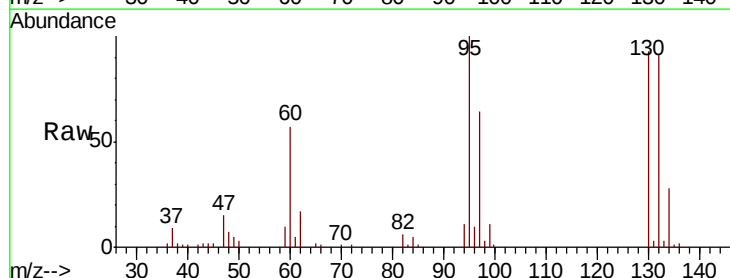
Acq: 2 Oct 2020 23:56

Tgt Ion:130 Resp: 57695

Ion Ratio Lower Upper

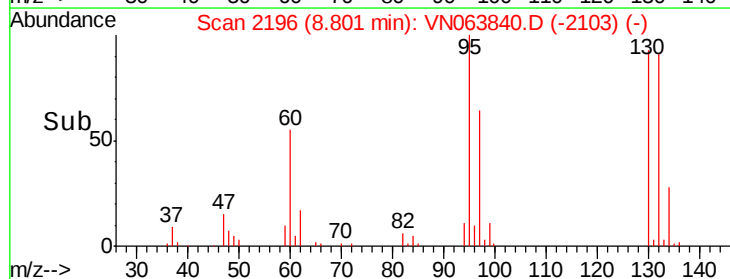
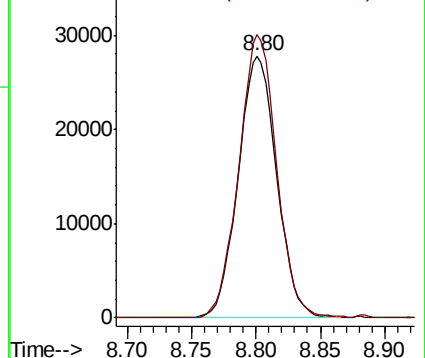
130 100

95 108.0 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): VN063840.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN063840.D (-2103) (-)

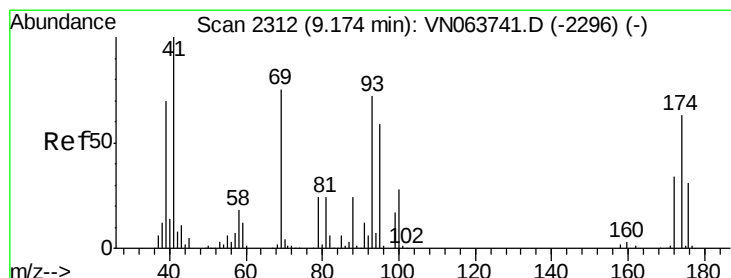
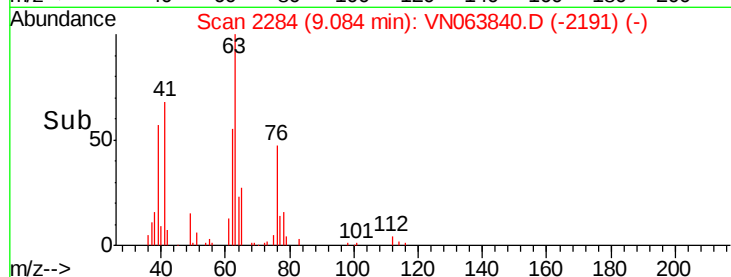
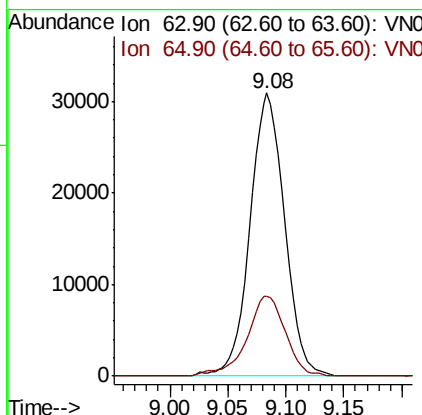
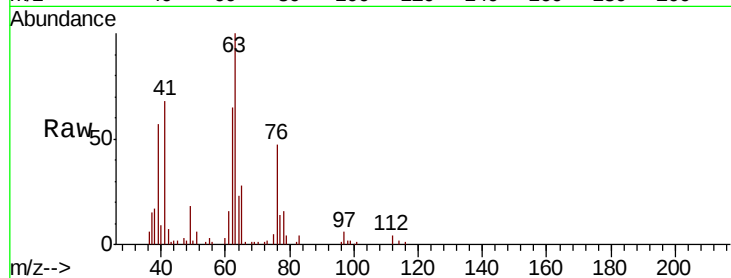




#45
 1,2-Dichloropropane
 Concen: 19.697 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063840.D
 Acq: 2 Oct 2020 23:56

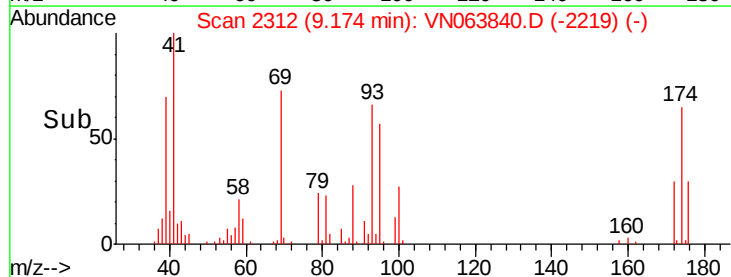
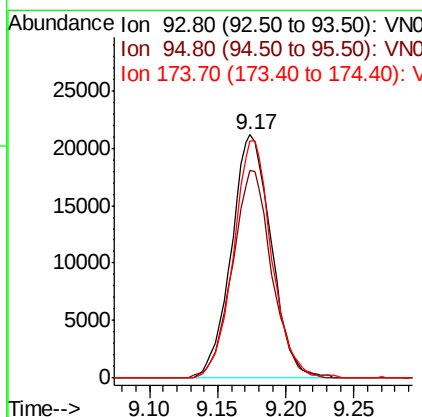
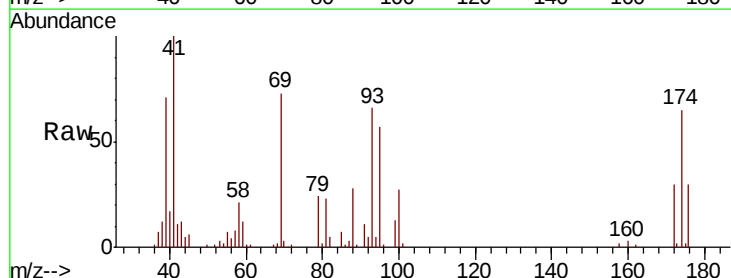
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBS02

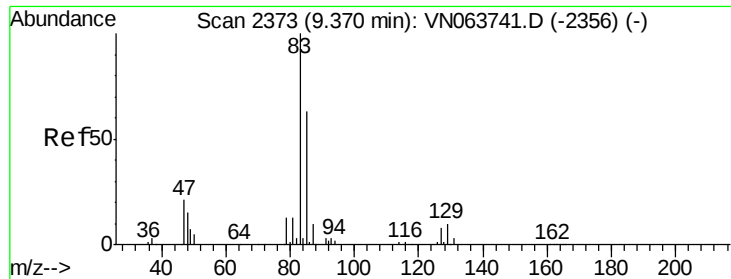
Tot Ion: 63 Resp: 64305
 Ion Ratio Lower Upper
 63 100
 65 28.1 24.7 37.1



#46
 Dibromomethane
 Concen: 19.095 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063840.D
 Acq: 2 Oct 2020 23:56

Tgt Ion: 93 Resp: 43007
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.3 99.5
 174 93.0 72.7 109.1





#47

Bromodichloromethane

Concen: 19.435 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063840.D

Acq: 2 Oct 2020 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBS02

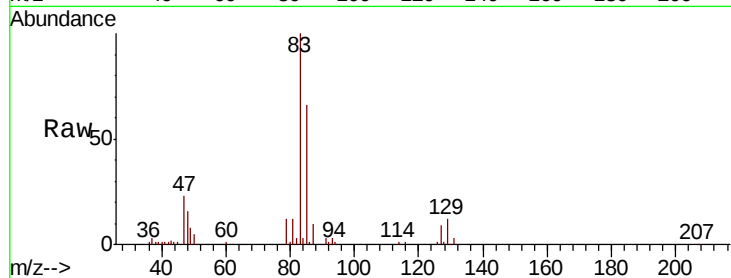
Tot Ion: 83 Resp: 90213

Ion Ratio Lower Upper

83 100

85 65.6 50.6 75.8

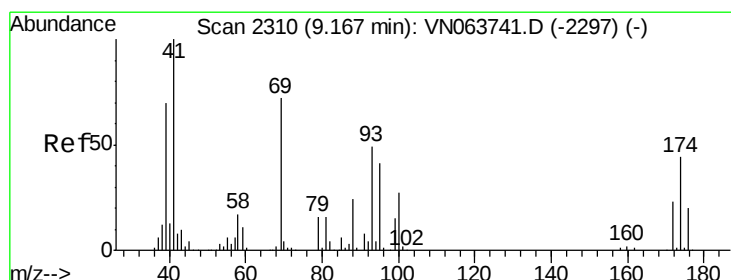
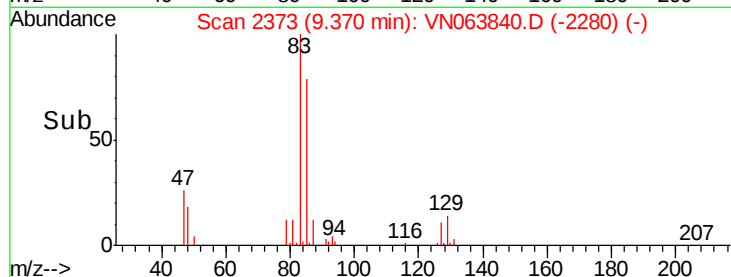
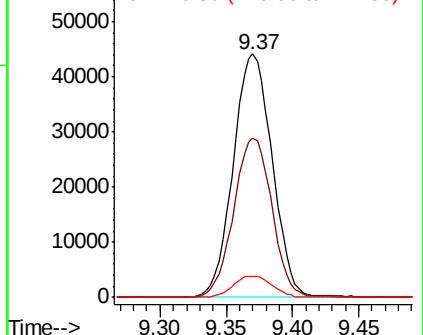
127 8.8 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN063840.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063840.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063840.D (-2280) (-)



#48

Methyl methacrylate

Concen: 21.104 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063840.D

Acq: 2 Oct 2020 23:56

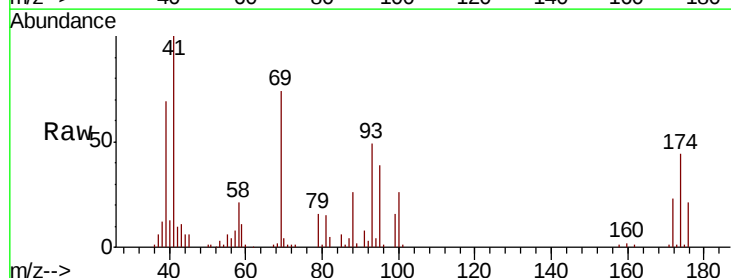
Tgt Ion: 41 Resp: 72319

Ion Ratio Lower Upper

41 100

69 73.0 60.9 91.3

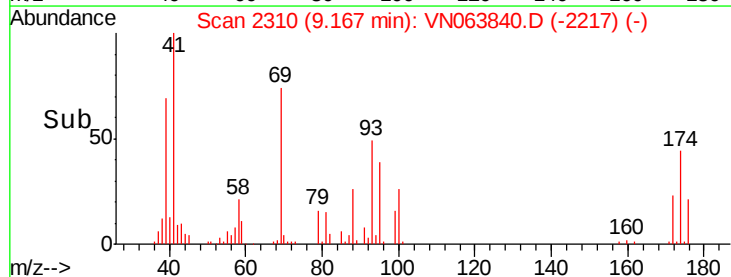
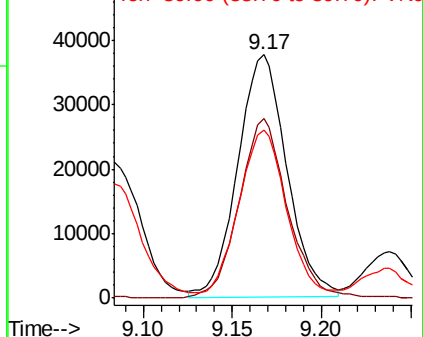
39 67.3 57.5 86.3

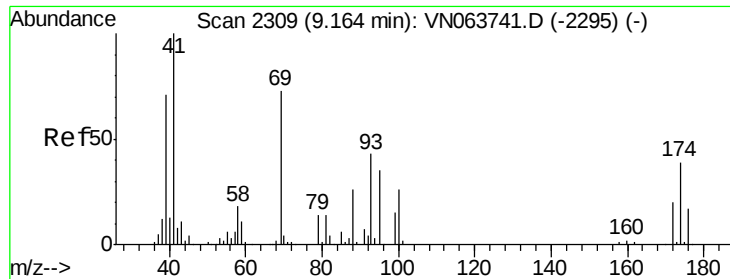


Abundance Ion 41.00 (40.70 to 41.70): VN063840.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN063840.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN063840.D (-2217) (-)





#49

1,4-Dioxane

Concen: 442.121 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063840.D

Acq: 2 Oct 2020 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBS02

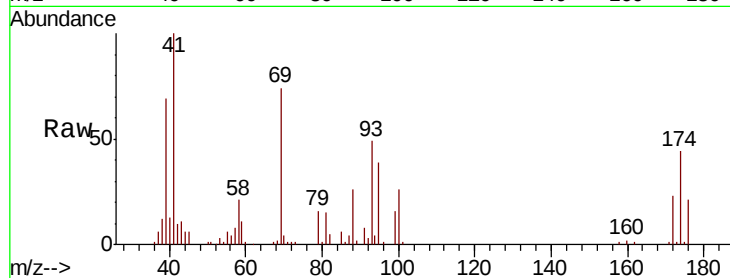
Tot Ion: 88 Resp: 21532

Ion Ratio Lower Upper

88 100

43 45.4 33.1 49.7

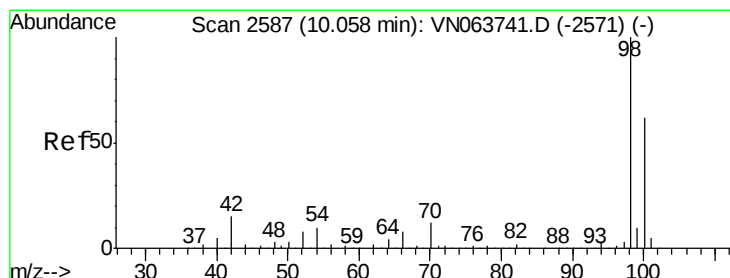
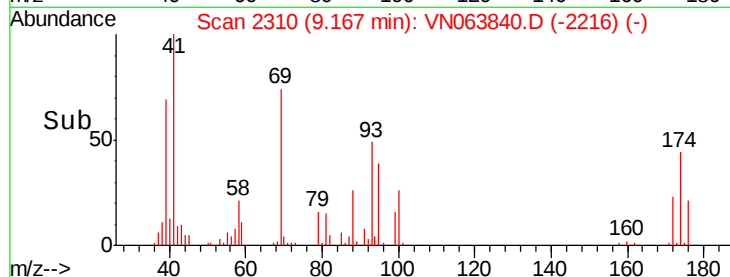
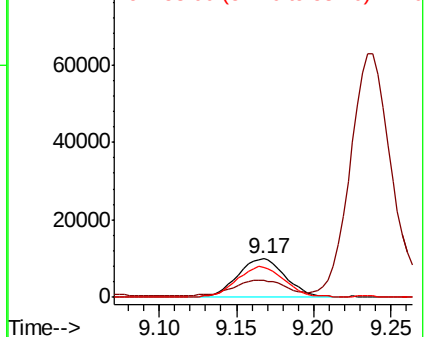
58 79.5 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VN063840.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN063840.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN063840.D (-2295) (-)



#50

Toluene-d8

Concen: 50.556 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063840.D

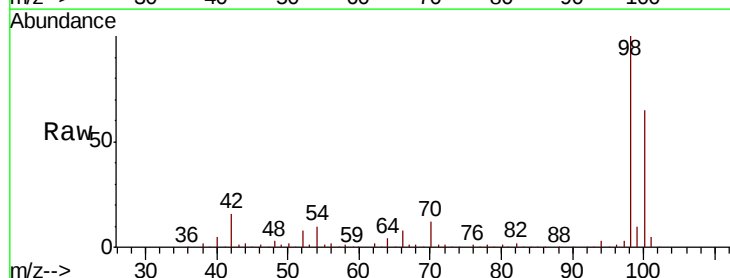
Acq: 2 Oct 2020 23:56

Tgt Ion: 98 Resp: 555561

Ion Ratio Lower Upper

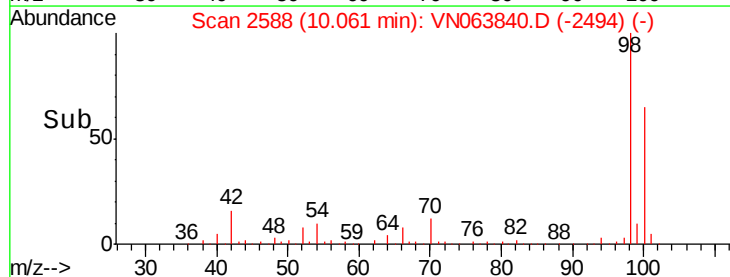
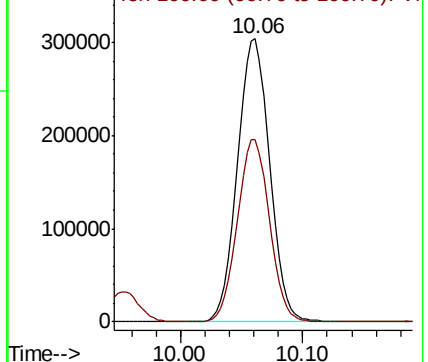
98 100

100 64.0 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063840.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN063840.D (-2494) (-)

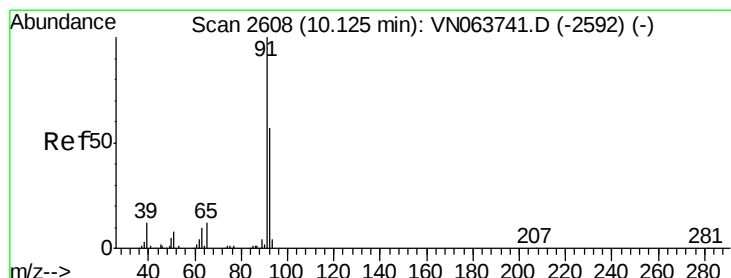
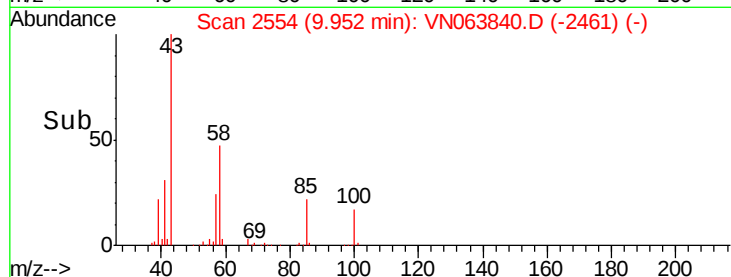
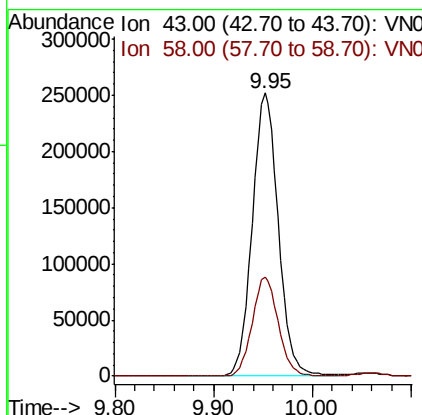
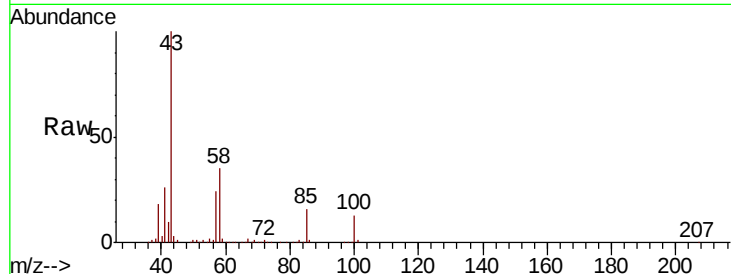




#51
4-Methyl-2-Pentanone
Concen: 111.589 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

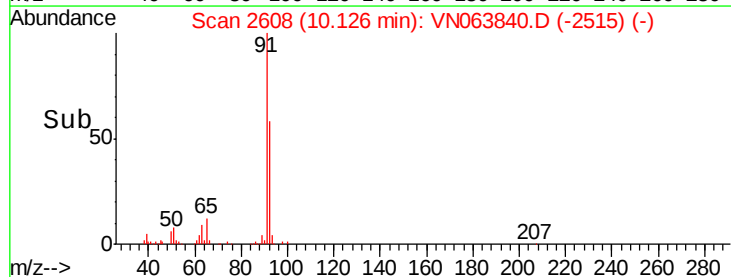
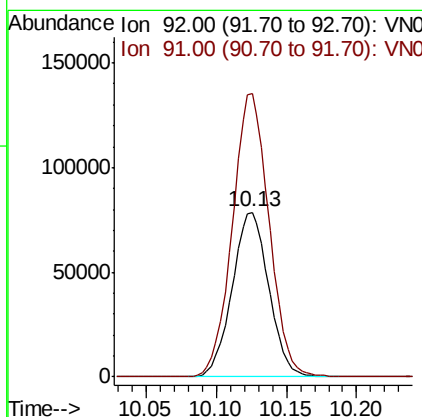
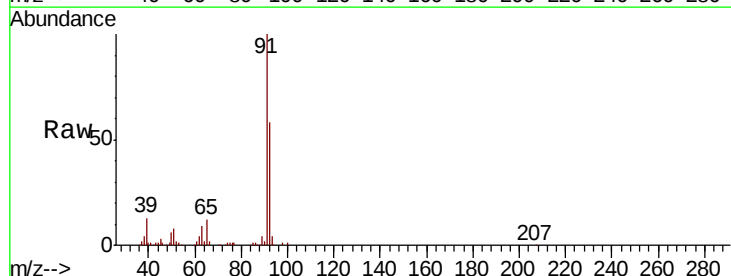
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBS02

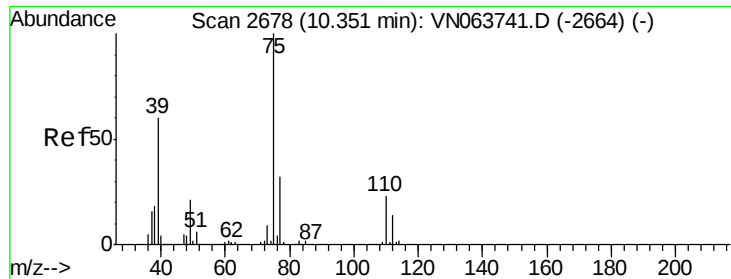
Tot Ion: 43 Resp: 454199
Ion Ratio Lower Upper
43 100
58 35.2 28.4 42.6



#52
Toluene
Concen: 19.132 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

Tgt Ion: 92 Resp: 143058
Ion Ratio Lower Upper
92 100
91 172.4 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 18.095 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN063840.D

Acq: 2 Oct 2020 23:56

Instrument :

MSVOA_N

ClientSampled :

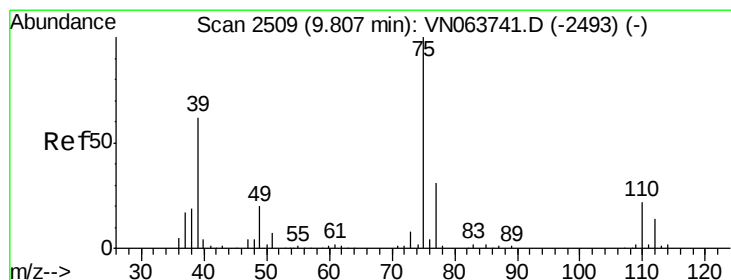
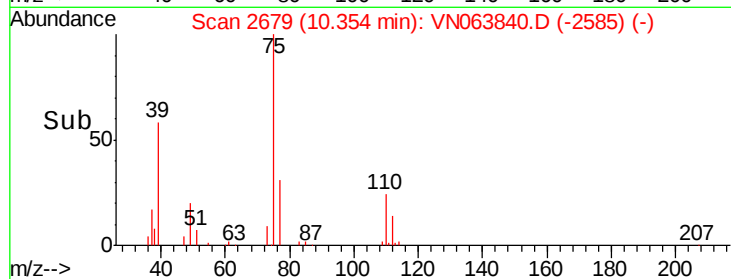
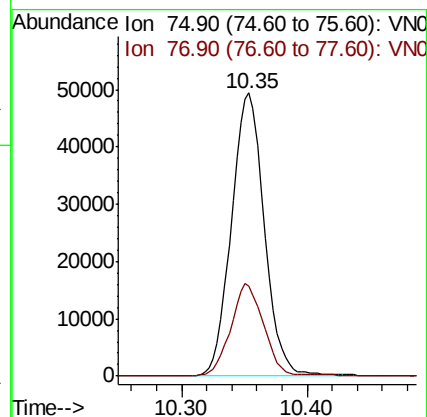
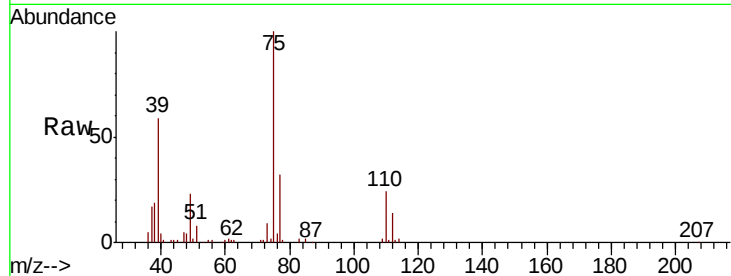
VN1002WBS02

Tot Ion: 75 Resp: 90031

Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 17.809 ug/l

RT: 9.81 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VN063840.D

Acq: 2 Oct 2020 23:56

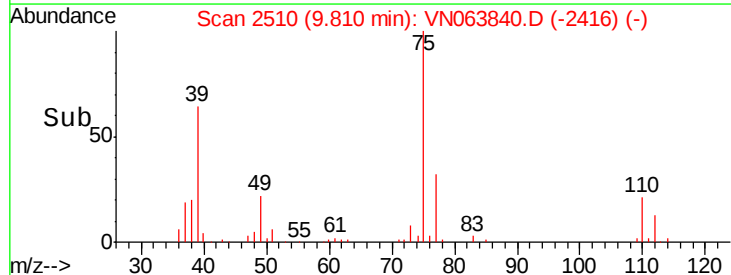
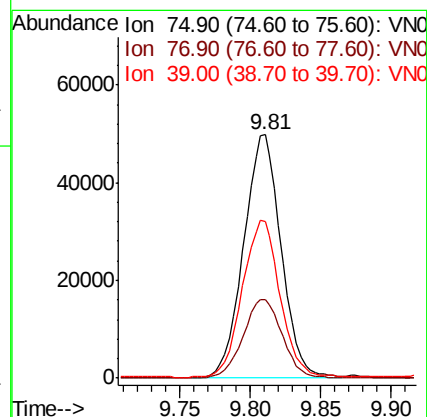
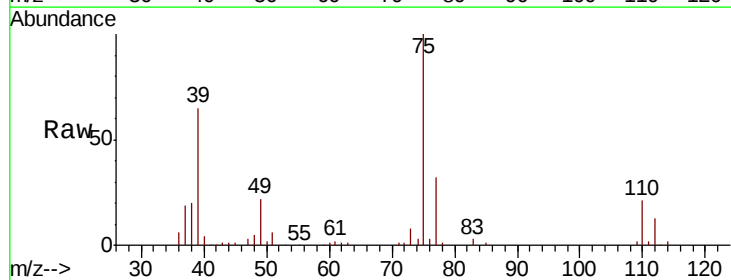
Tgt Ion: 75 Resp: 92672

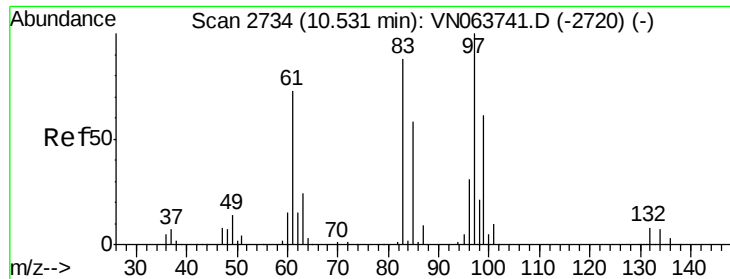
Ion Ratio Lower Upper

75 100

77 32.2 24.6 36.8

39 64.0 49.7 74.5





#55

1,1,2-Trichloroethane

Concen: 20.163 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN063840.D

Acq: 2 Oct 2020 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBS02

Tot Ion: 97 Resp: 60463

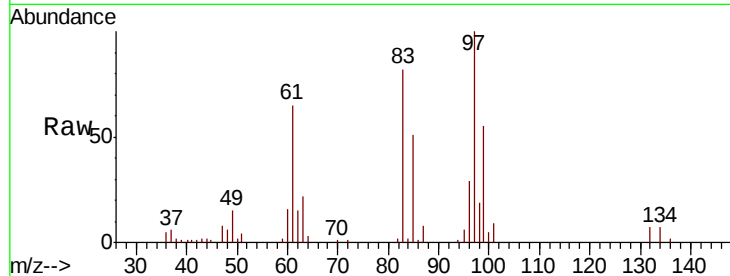
Ion Ratio Lower Upper

97 100

83 82.1 70.7 106.1

85 51.4 46.1 69.1

99 55.5 48.8 73.2

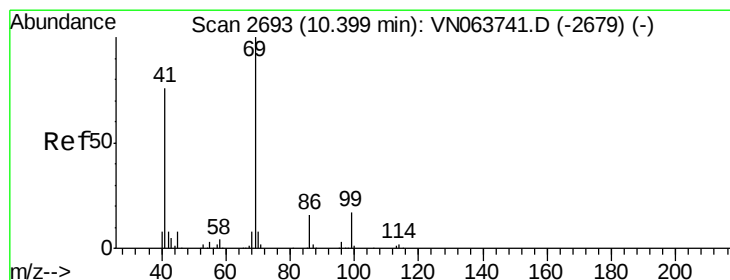
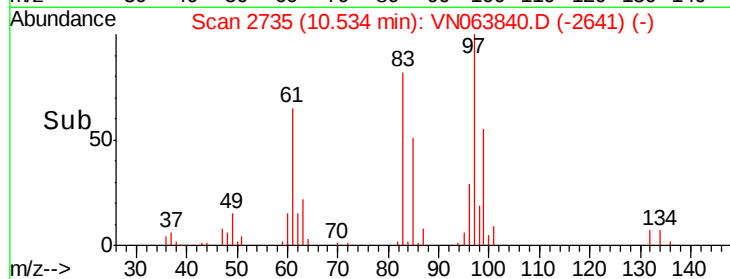
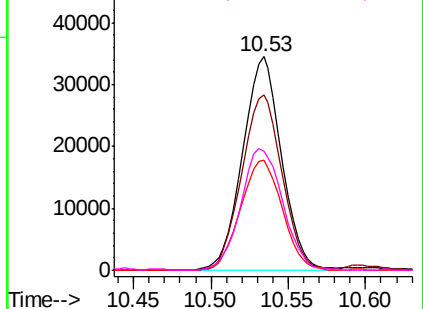


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.529 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN063840.D

Acq: 2 Oct 2020 23:56

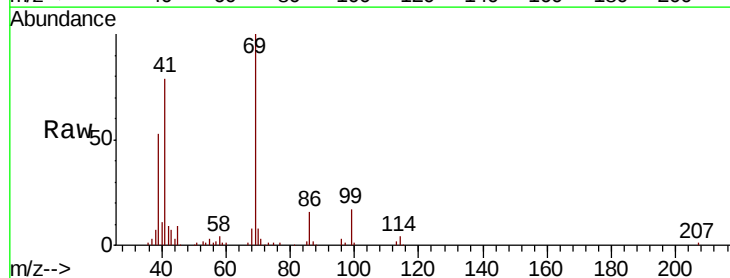
Tgt Ion: 69 Resp: 83009

Ion Ratio Lower Upper

69 100

41 77.7 61.1 91.7

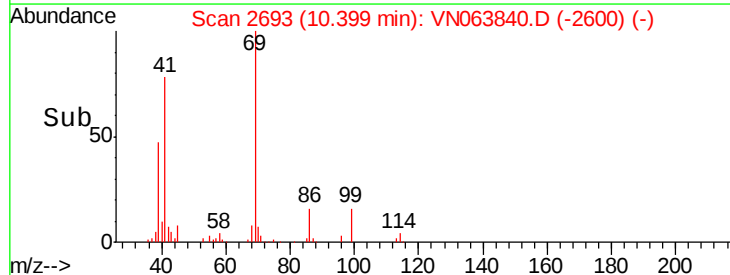
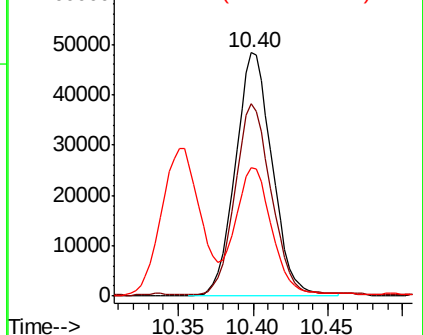
39 52.4 42.2 63.4

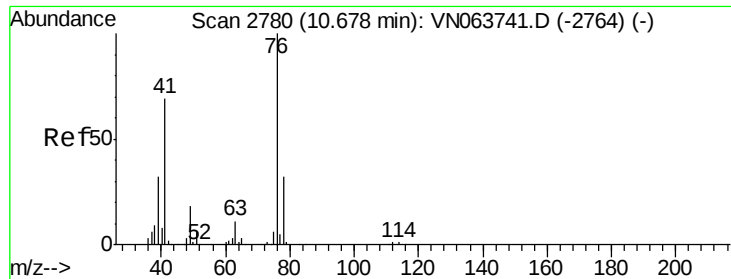


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.968 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063840.D

Acq: 2 Oct 2020 23:56

Instrument :

MSVOA_N

ClientSampleId :

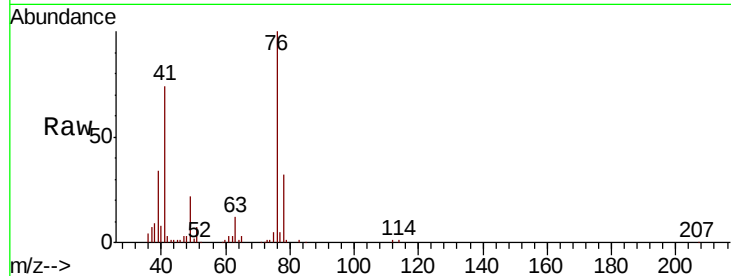
VN1002WBS02

Tot Ion: 76 Resp: 101300

Ion Ratio Lower Upper

76 100

78 31.7 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

60000

50000

40000

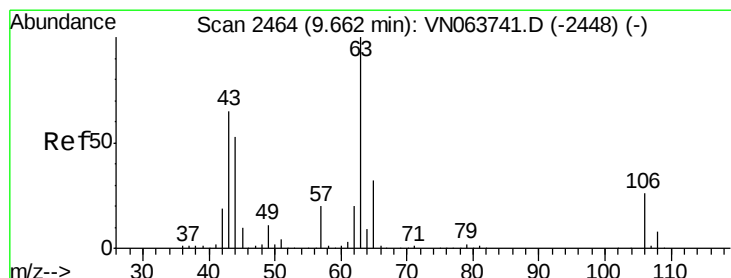
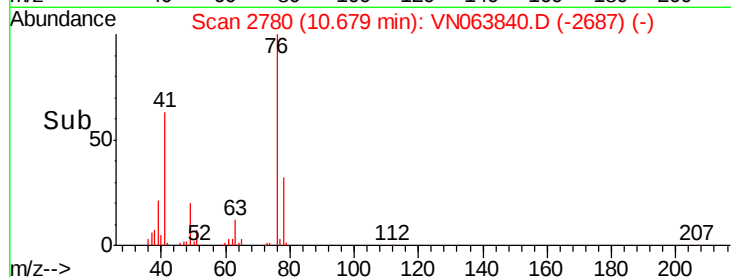
30000

20000

10000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 101.536 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063840.D

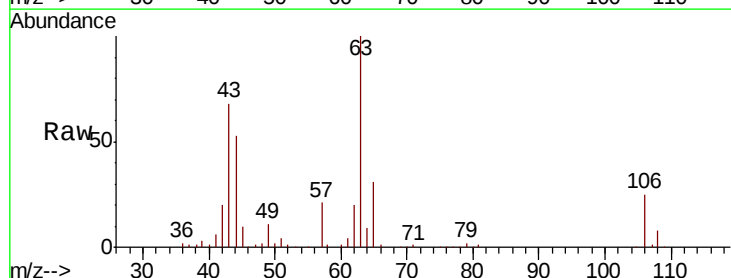
Acq: 2 Oct 2020 23:56

Tgt Ion: 63 Resp: 230855

Ion Ratio Lower Upper

63 100

106 25.7 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

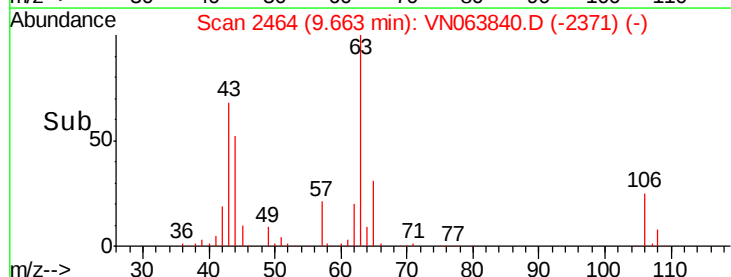
150000

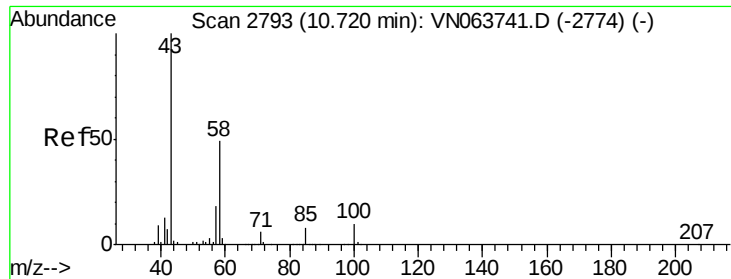
100000

50000

0

Time-->

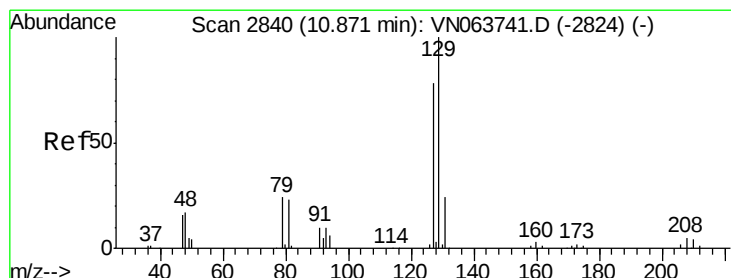
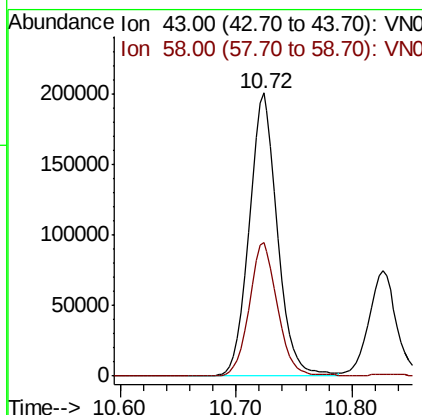
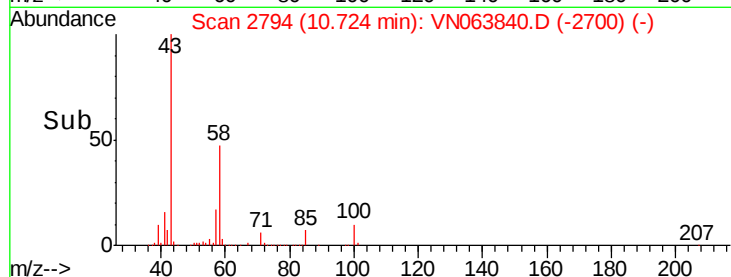
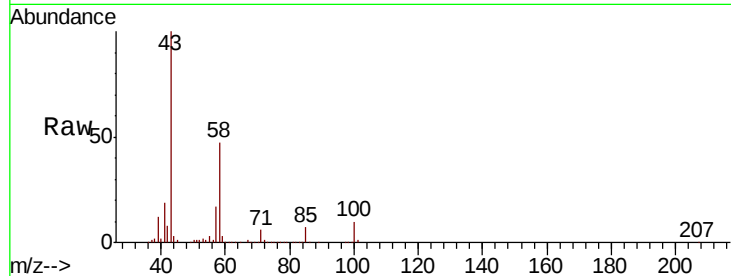




#59
2-Hexanone
Concen: 112.108 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

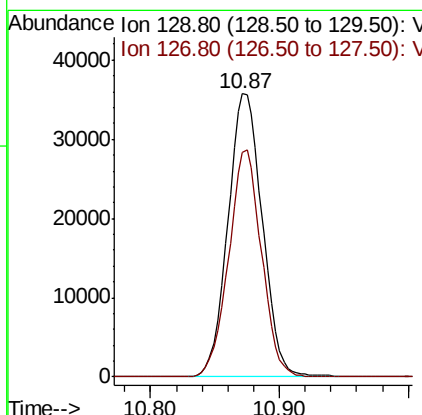
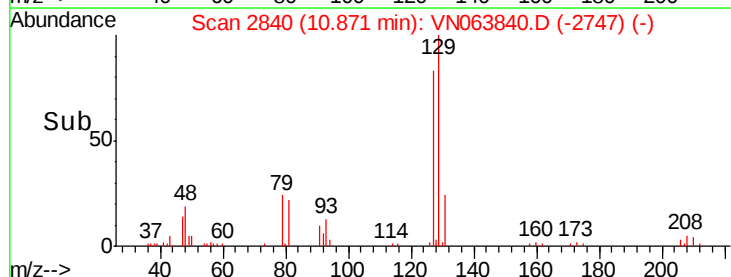
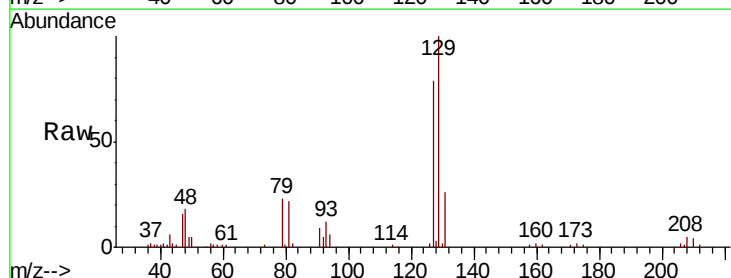
Instrument :
MSVOA_N
ClientSampled :
VN1002WBS02

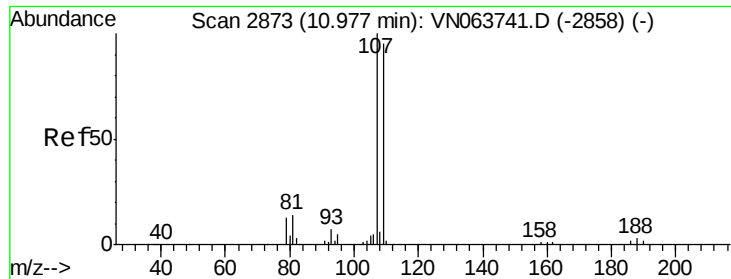
Tot Ion: 43 Resp: 338975
Ion Ratio Lower Upper
43 100
58 47.6 24.6 73.8



#60
Dibromochloromethane
Concen: 18.933 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

Tgt Ion: 129 Resp: 66118
Ion Ratio Lower Upper
129 100
127 76.4 38.9 116.7

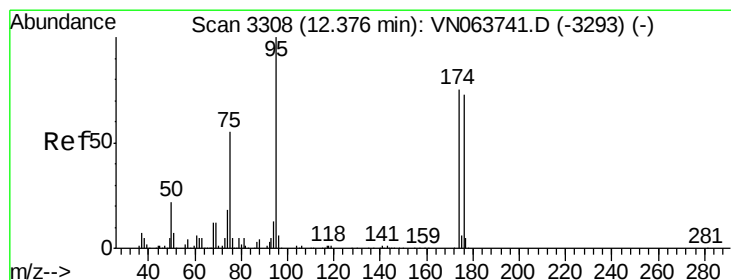
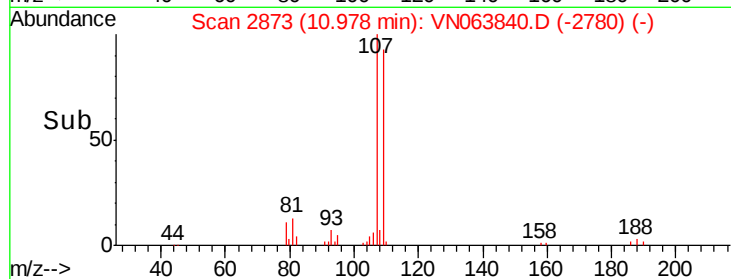
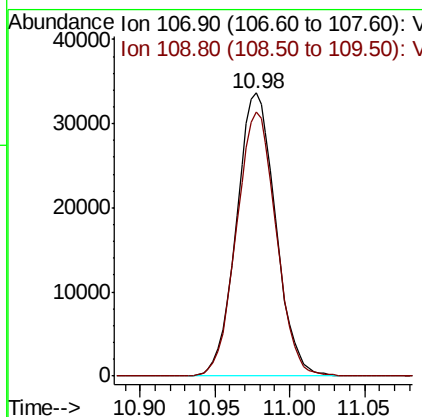
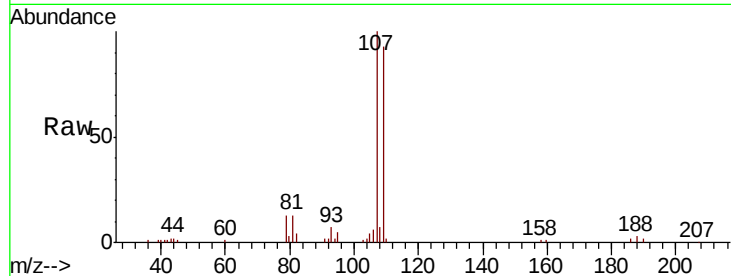




#61
 1,2-Dibromoethane
 Concen: 19.961 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063840.D
 Acq: 2 Oct 2020 23:56

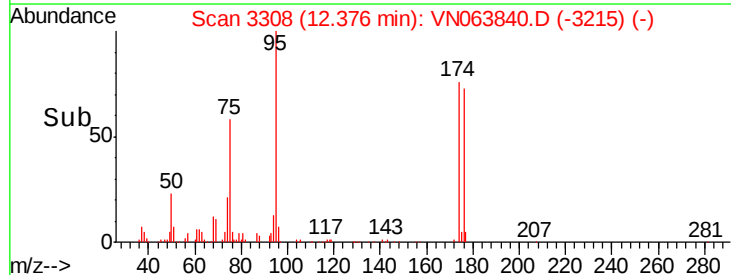
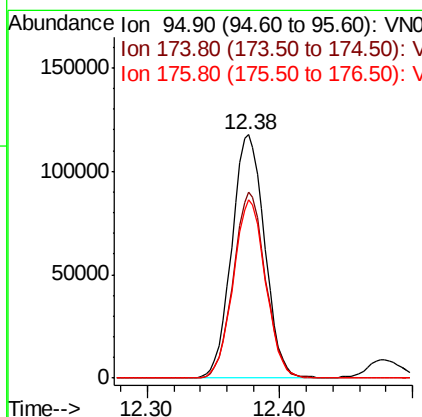
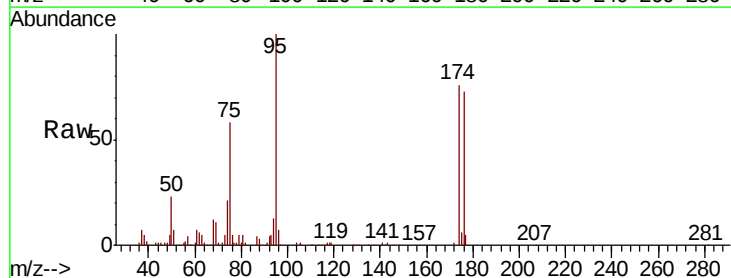
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBS02

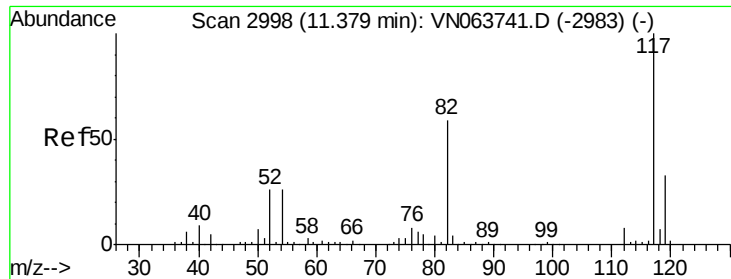
Tot Ion: 107 Resp: 61229
 Ion Ratio Lower Upper
 107 100
 109 94.3 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 48.940 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063840.D
 Acq: 2 Oct 2020 23:56

Tgt Ion: 95 Resp: 202164
 Ion Ratio Lower Upper
 95 100
 174 75.1 0.0 150.6
 176 72.3 0.0 145.4

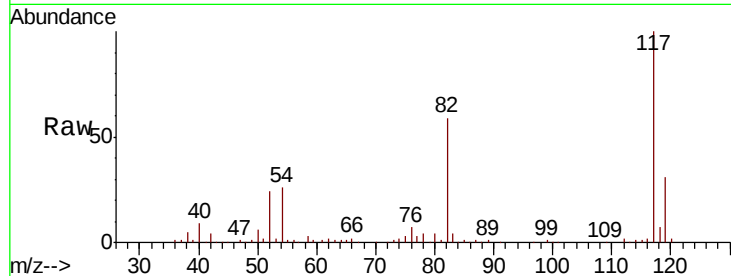




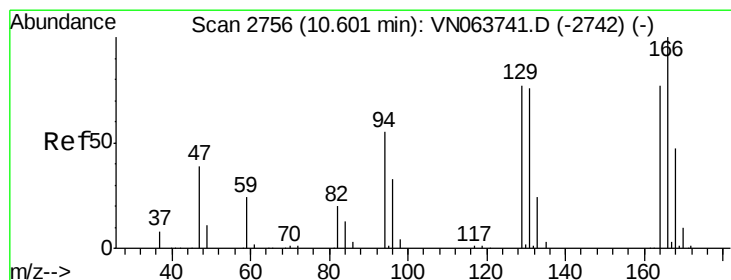
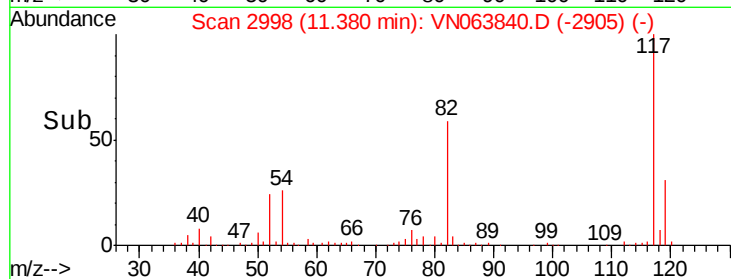
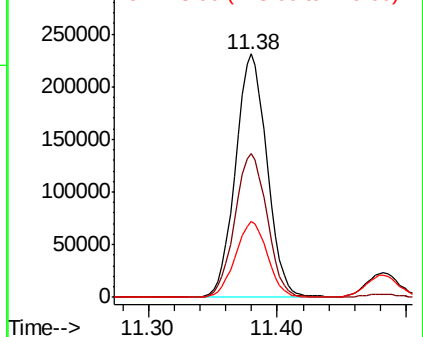
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBS02

Tot Ion:117 Resp: 391999
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.2
119 31.1 26.4 39.6

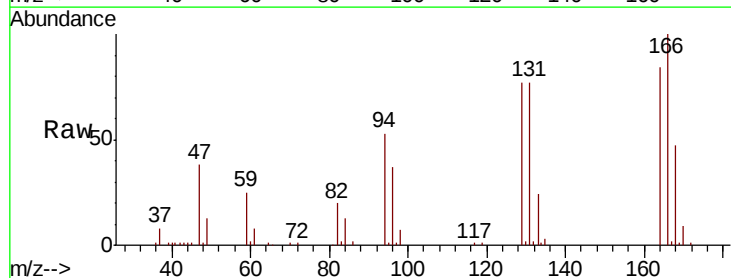


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

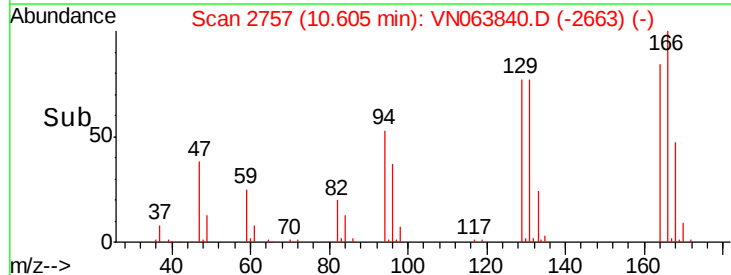
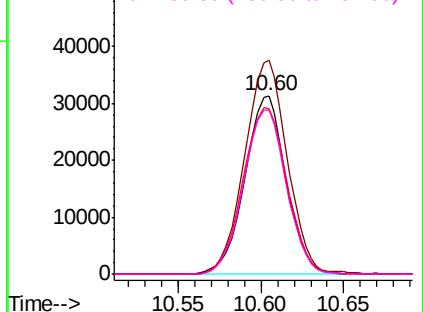


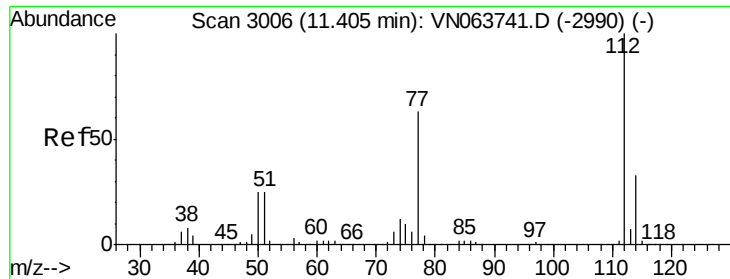
#64
Tetrachloroethene
Concen: 17.751 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

Tgt Ion:164 Resp: 53835
Ion Ratio Lower Upper
164 100
166 119.8 103.9 155.9
129 92.6 80.3 120.5
131 91.7 78.9 118.3



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

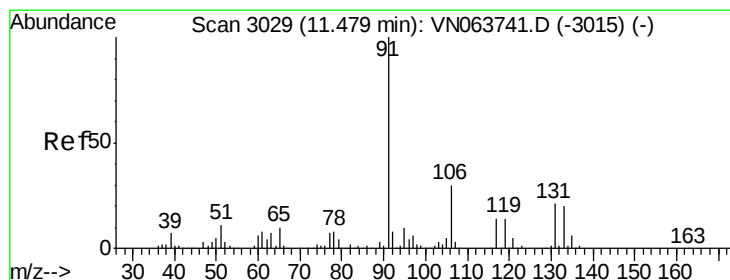
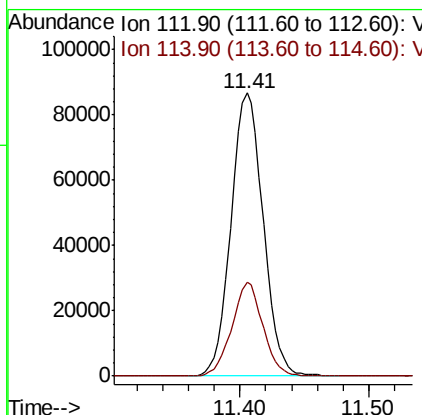
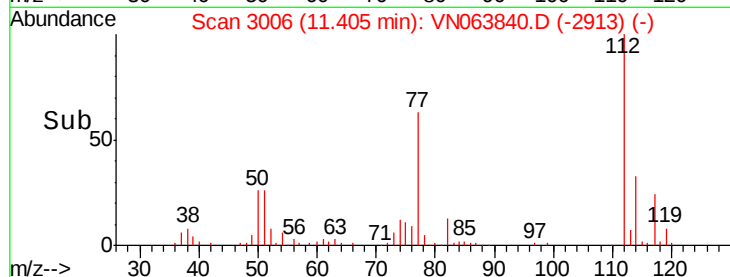
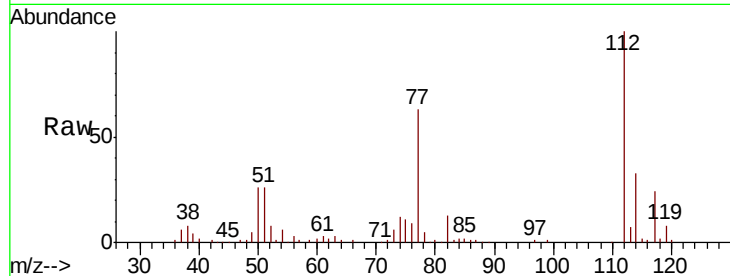




#65
Chlorobenzene
Concen: 18.719 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

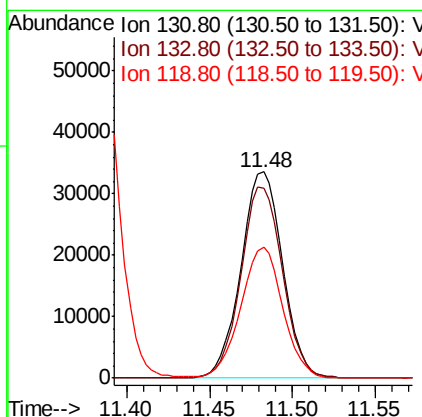
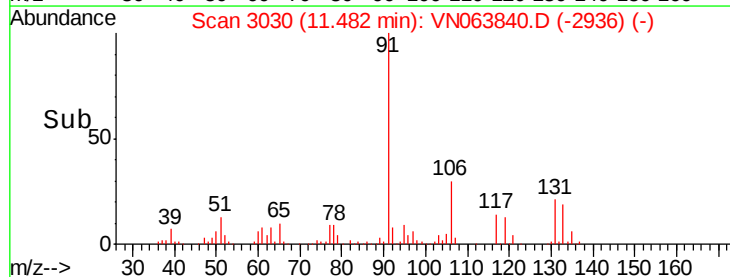
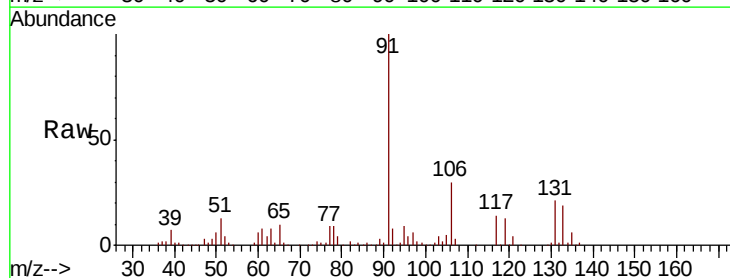
Instrument :
MSVOA_N
ClientSampled :
VN1002WBS02

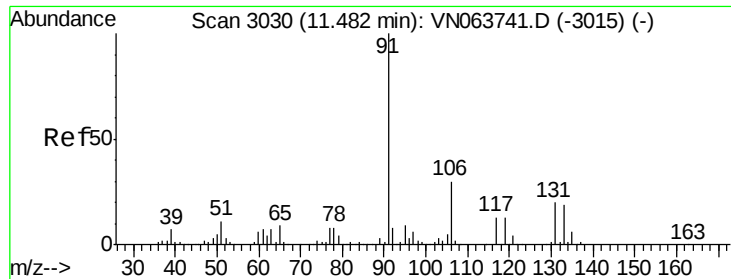
Tot Ion:112 Resp: 150525
Ion Ratio Lower Upper
112 100
114 33.2 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.112 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

Tgt Ion:131 Resp: 58917
Ion Ratio Lower Upper
131 100
133 92.6 47.3 141.8
119 64.0 32.6 97.7

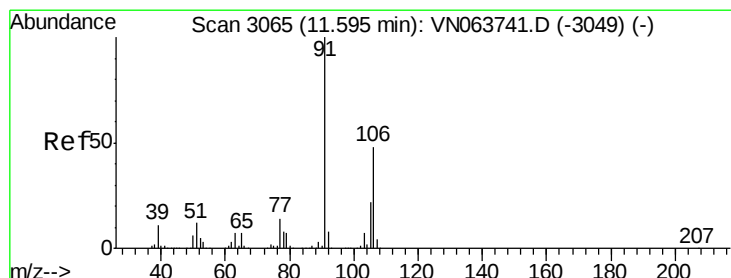
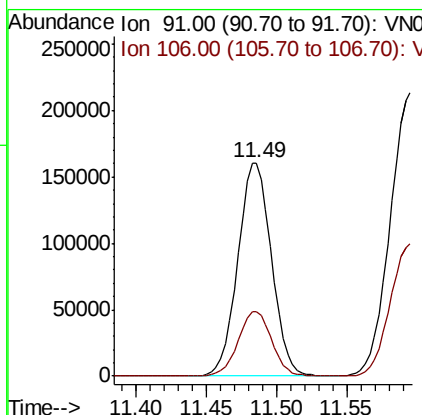
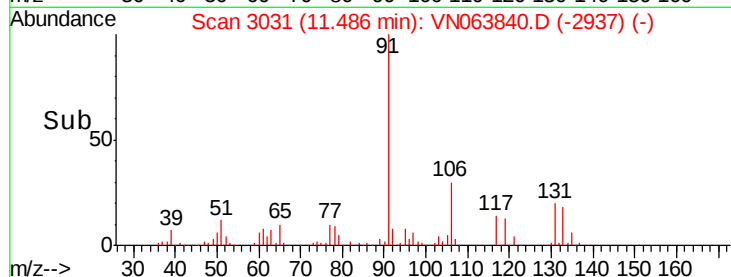
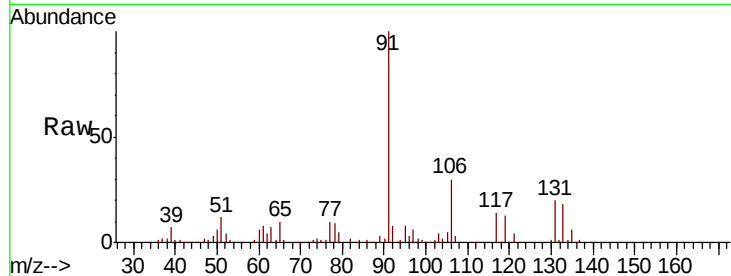




#67
Ethyl Benzene
Concen: 18.373 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

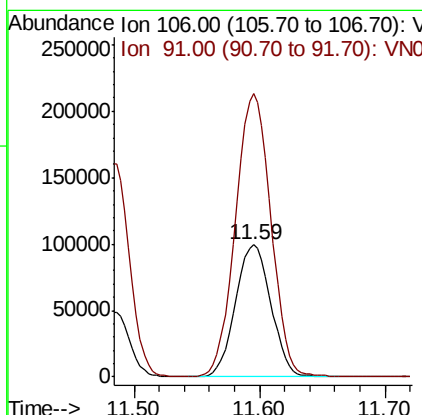
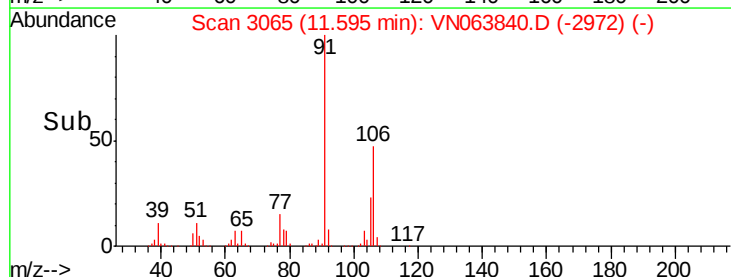
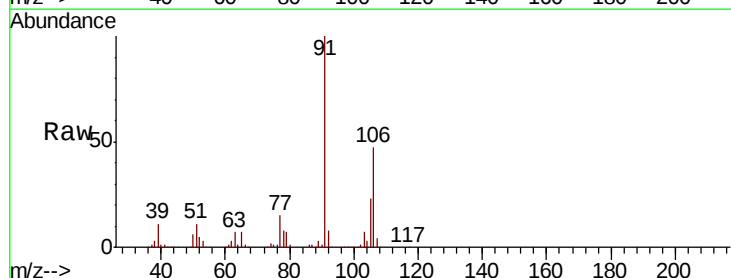
Instrument :
MSVOA_N
ClientSampled :
VN1002WBS02

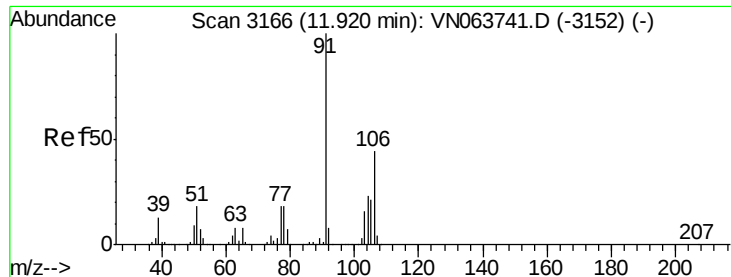
Tot Ion: 91 Resp: 268837
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.2



#68
m/p-Xylenes
Concen: 35.902 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

Tgt Ion: 106 Resp: 195785
Ion Ratio Lower Upper
106 100
91 212.6 168.0 252.0

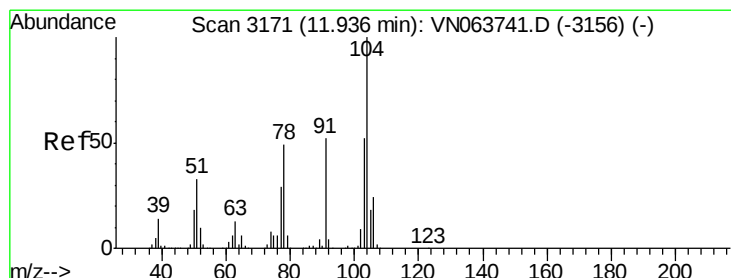
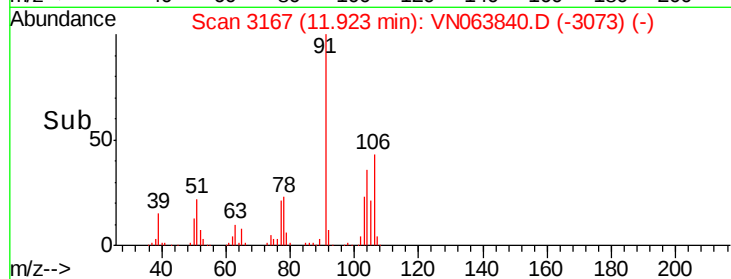
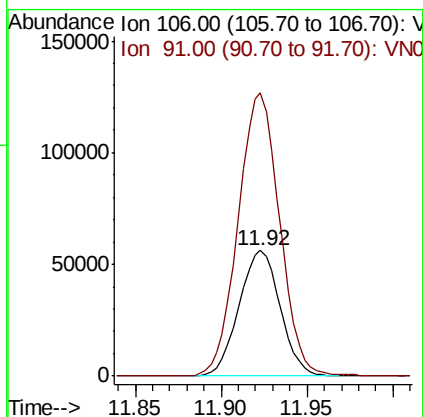
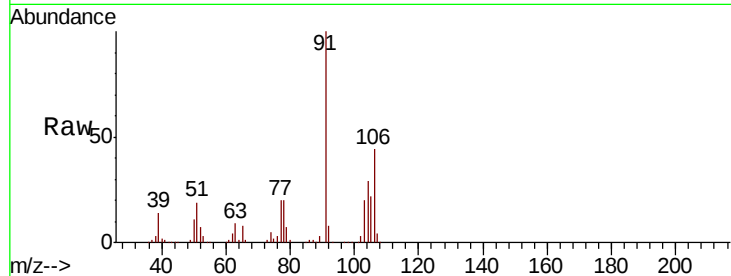




#69
o-Xylene
Concen: 18.275 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

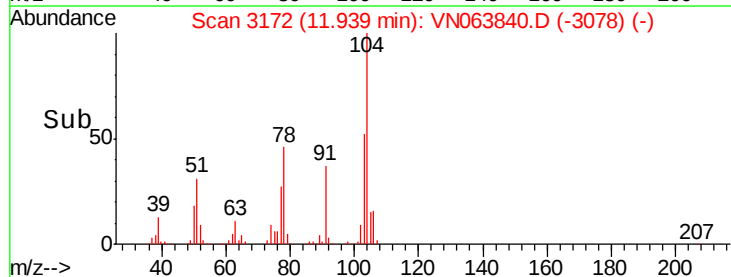
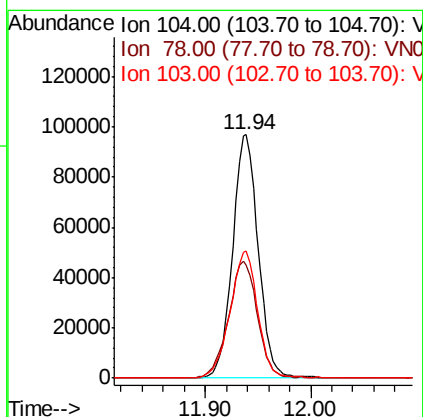
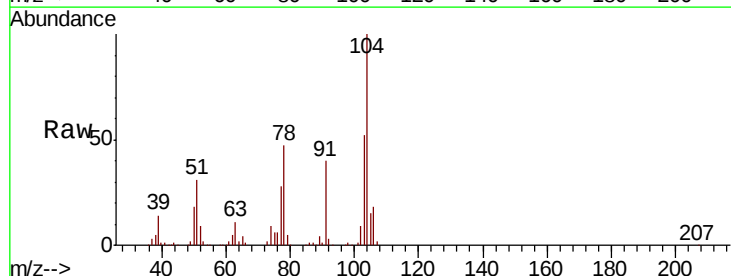
Instrument :
MSVOA_N
ClientSampled :
VN1002WBS02

Tot Ion:106 Resp: 93150
Ion Ratio Lower Upper
106 100
91 229.2 112.7 338.0



#70
Styrene
Concen: 18.813 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

Tgt Ion:104 Resp: 162773
Ion Ratio Lower Upper
104 100
78 53.8 44.1 66.1
103 56.1 44.3 66.5





#71

Bromoform

Concen: 18.935 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063840.D

Acq: 2 Oct 2020 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBS02

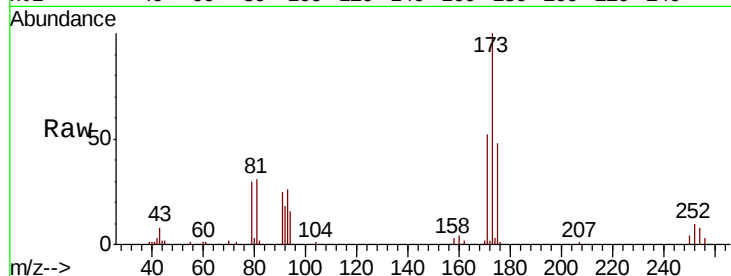
Tot Ion:173 Resp: 44644

Ion Ratio Lower Upper

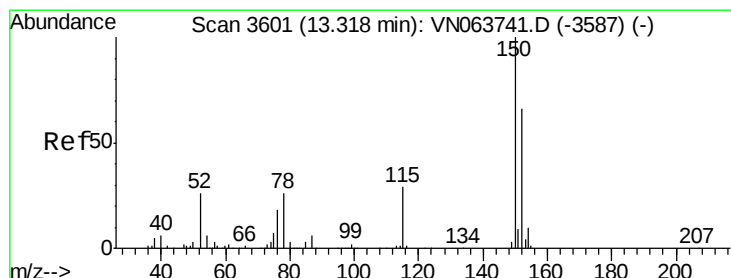
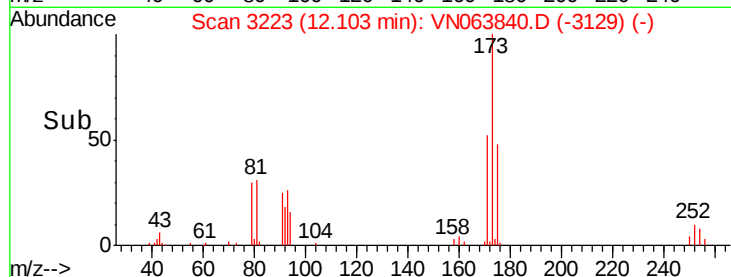
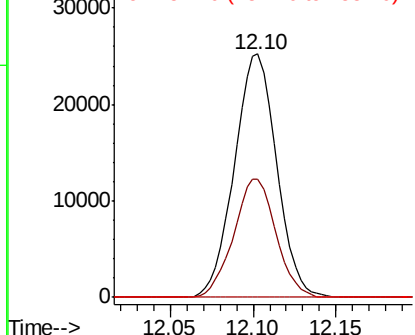
173 100

175 48.5 23.5 70.5

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063840.D

Acq: 2 Oct 2020 23:56

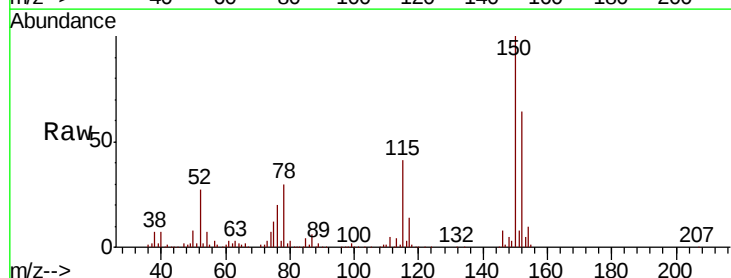
Tgt Ion:152 Resp: 180640

Ion Ratio Lower Upper

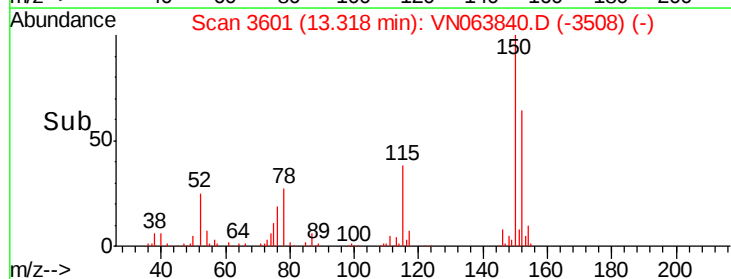
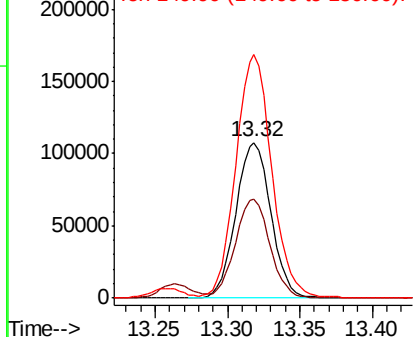
152 100

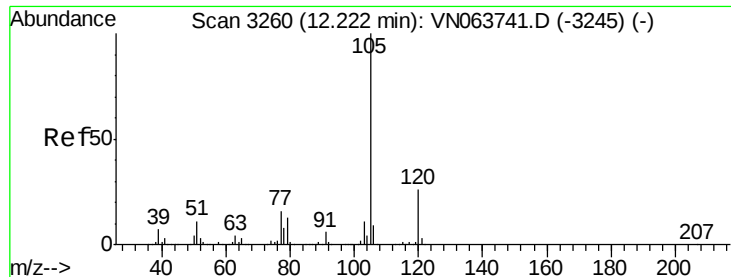
115 62.9 31.3 93.8

150 159.7 0.0 341.8



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





#73

Isopropylbenzene

Concen: 19.082 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063840.D

Acq: 2 Oct 2020 23:56

Instrument :

MSVOA_N

ClientSampleId :

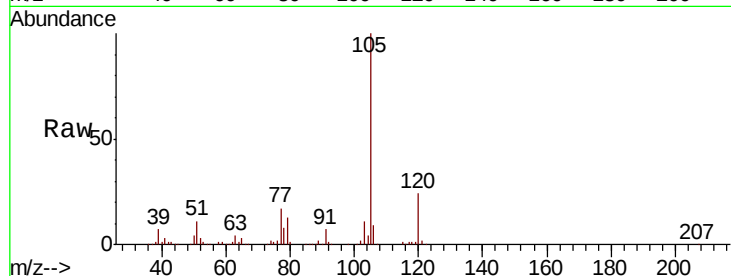
VN1002WBS02

Tot Ion:105 Resp: 251423

Ion Ratio Lower Upper

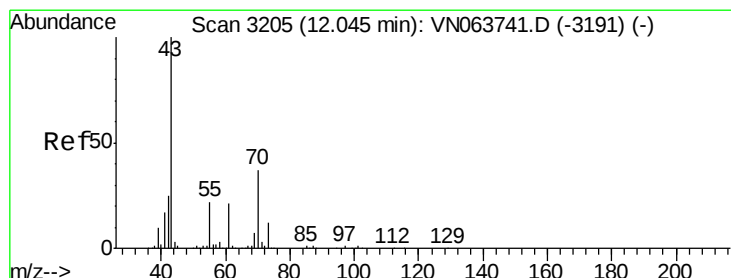
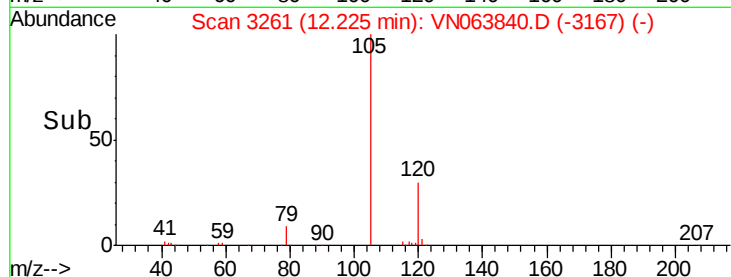
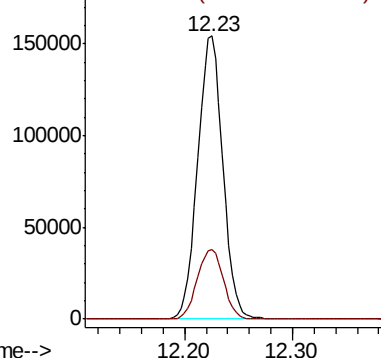
105 100

120 25.5 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.679 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063840.D

Acq: 2 Oct 2020 23:56

Tgt Ion: 43 Resp: 118309

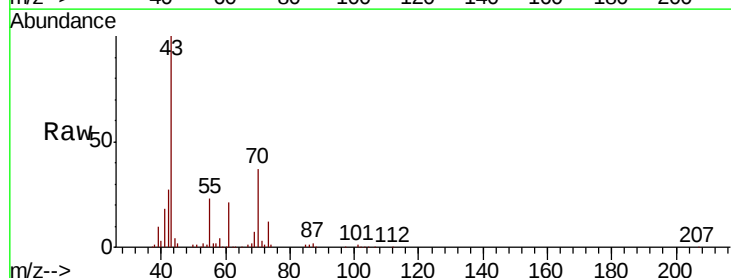
Ion Ratio Lower Upper

43 100

70 37.3 29.8 44.8

55 24.2 17.9 26.9

61 20.5 17.0 25.4

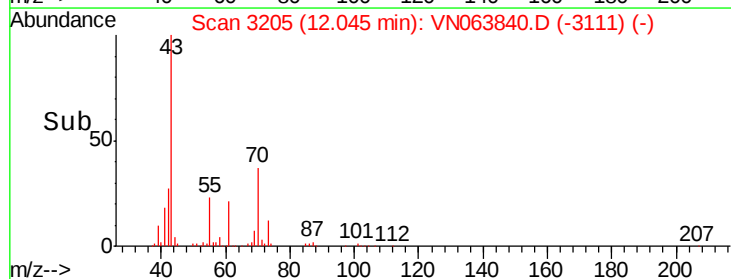
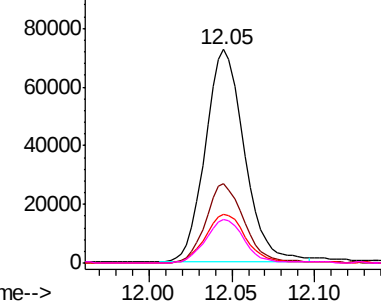


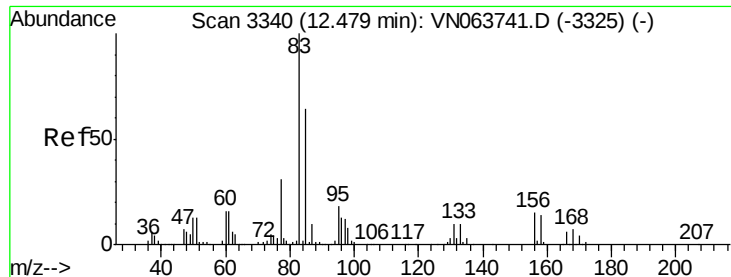
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 21.322 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063840.D

Acq: 2 Oct 2020 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBS02

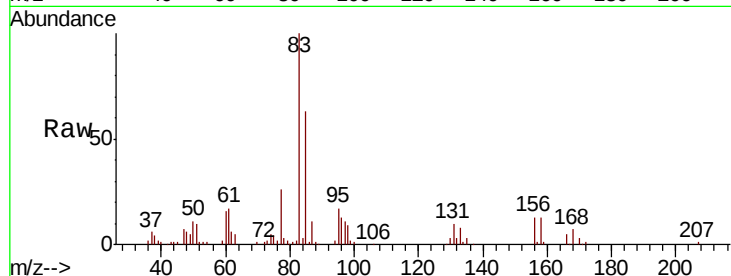
Tot Ion: 83 Resp: 85906

Ion Ratio Lower Upper

83 100

131 10.0 5.3 15.8

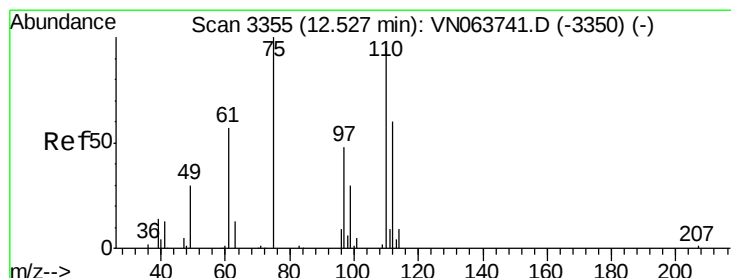
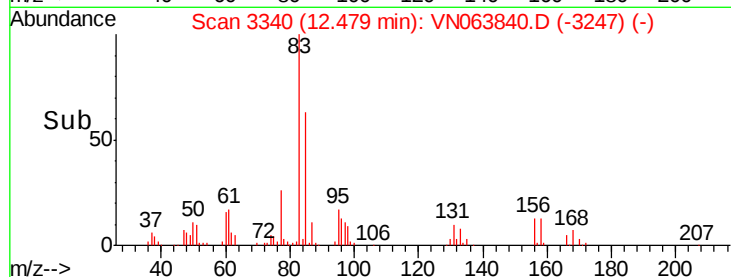
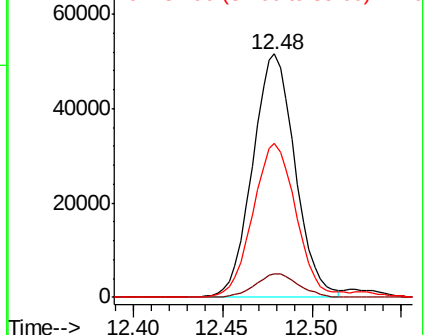
85 64.5 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN063840.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063840.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063840.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 29.883 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063840.D

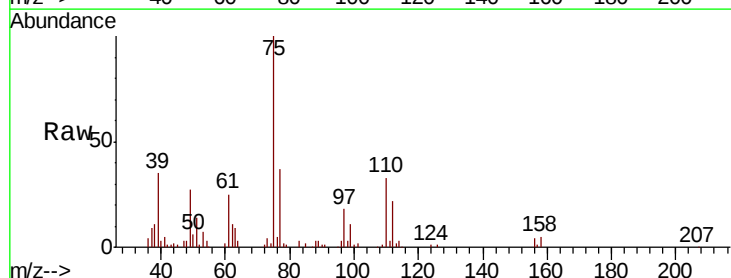
Acq: 2 Oct 2020 23:56

Tgt Ion: 75 Resp: 118993

Ion Ratio Lower Upper

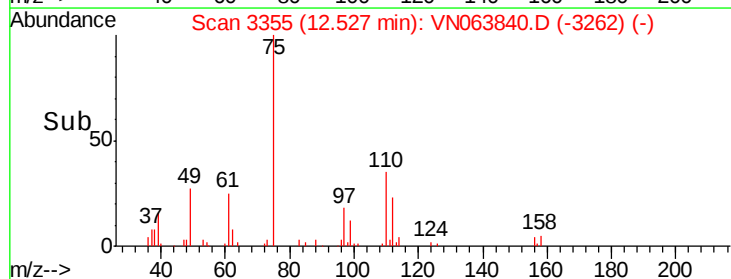
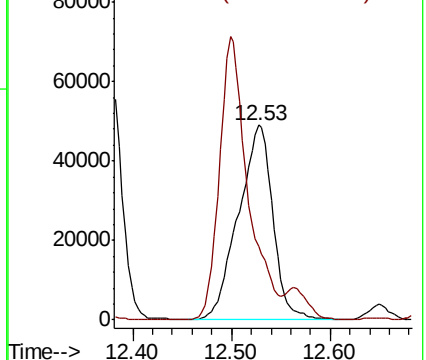
75 100

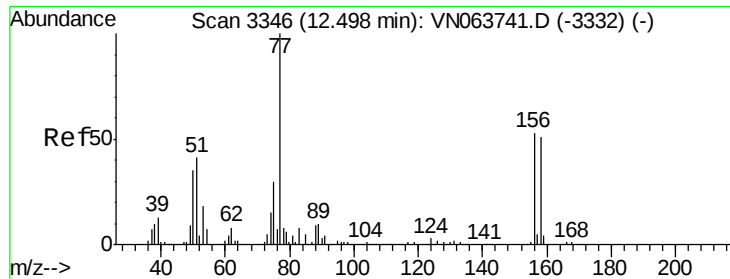
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063840.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063840.D (-3262) (-)

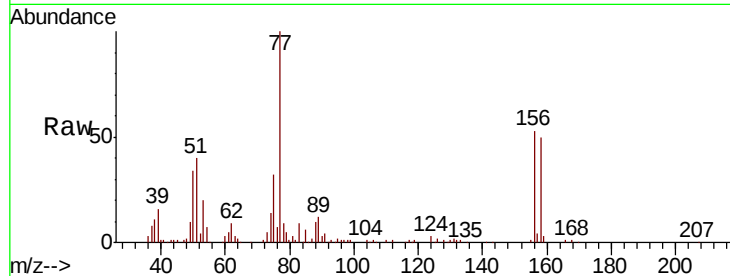




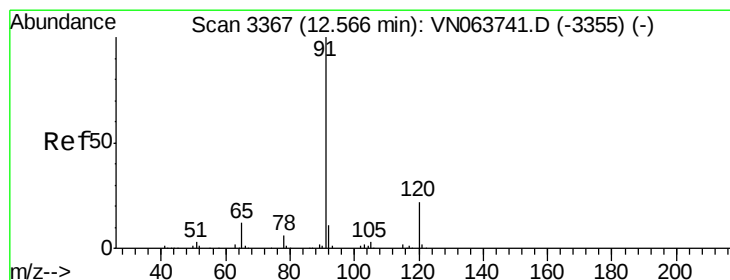
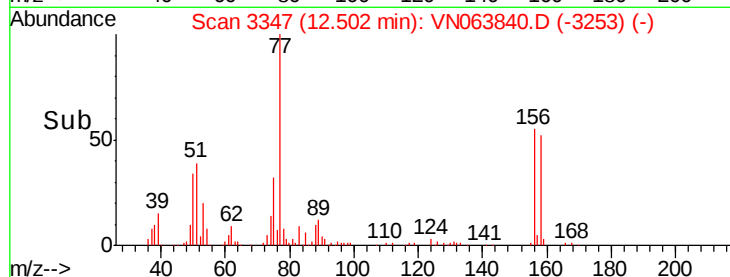
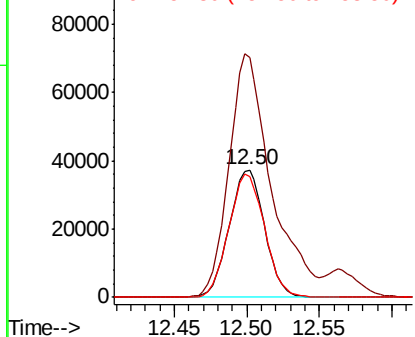
#77
Bromobenzene
Concen: 19.610 ug/l
RT: 12.50 min Scan# 3347
Delta R.T. 0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

Instrument :
MSVOA_N
ClientSampled :
VN1002WBS02

Tot Ion:156 Resp: 63398
Ion Ratio Lower Upper
156 100
77 228.2 110.9 332.7
158 97.6 47.7 143.1

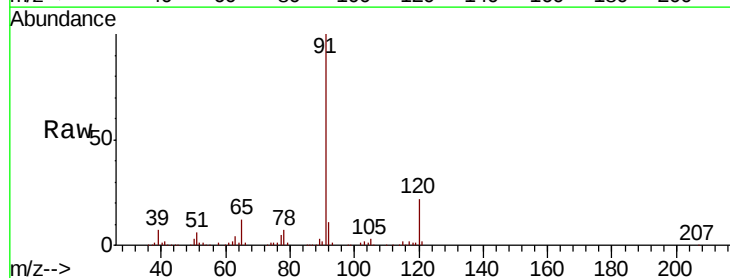


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

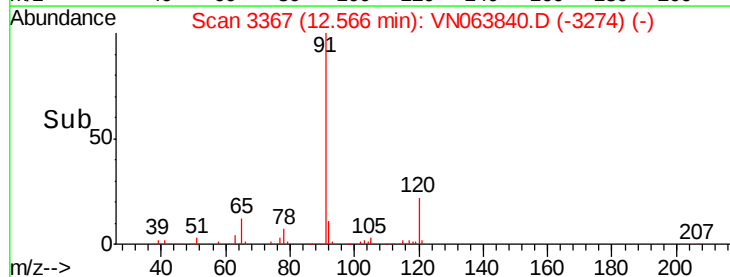
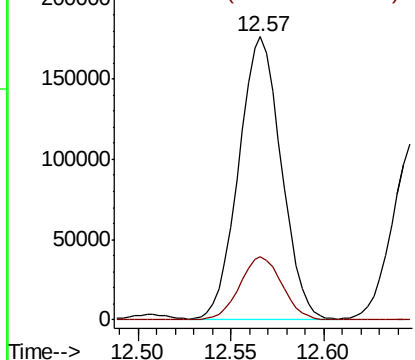


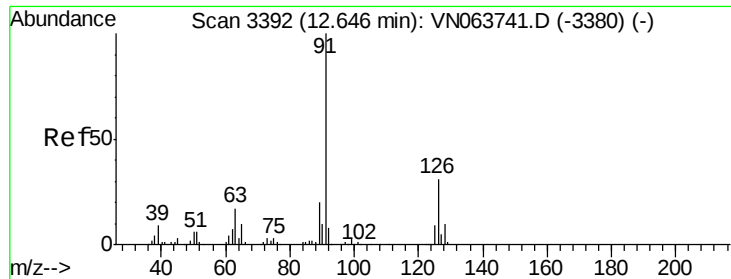
#78
n-propylbenzene
Concen: 18.325 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

Tgt Ion: 91 Resp: 280990
Ion Ratio Lower Upper
91 100
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V

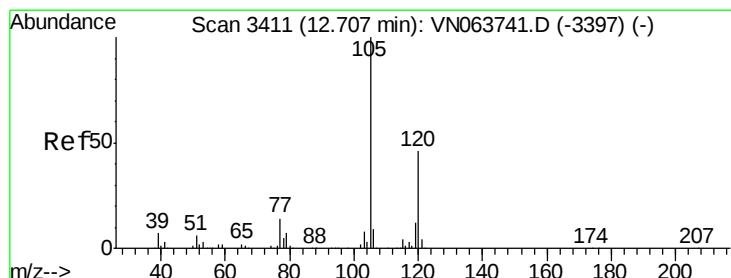
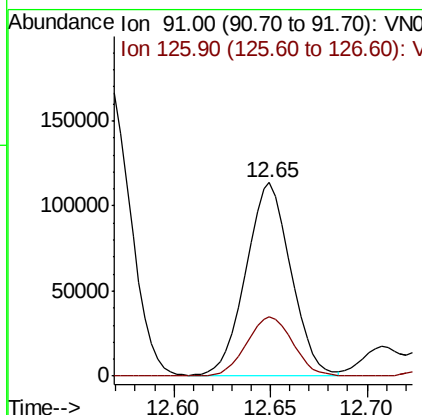
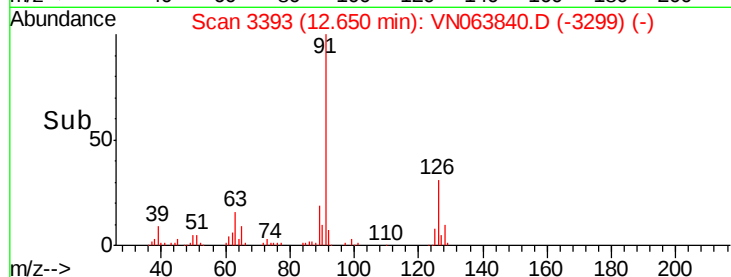
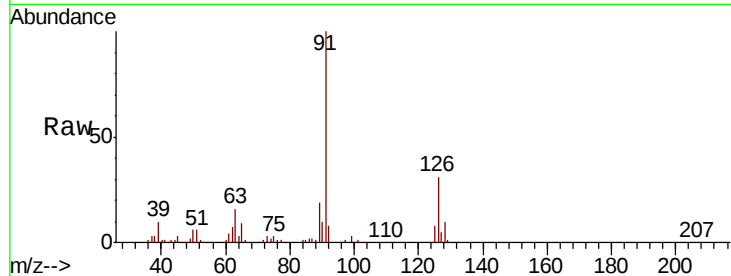




#79
 2-Chlorotoluene
 Concen: 19.439 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063840.D
 Acq: 2 Oct 2020 23:56

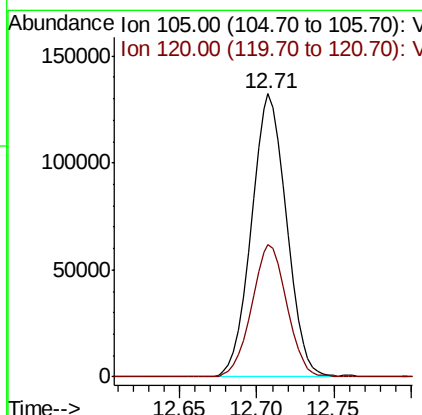
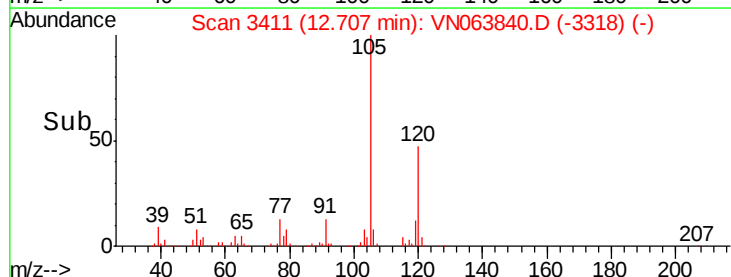
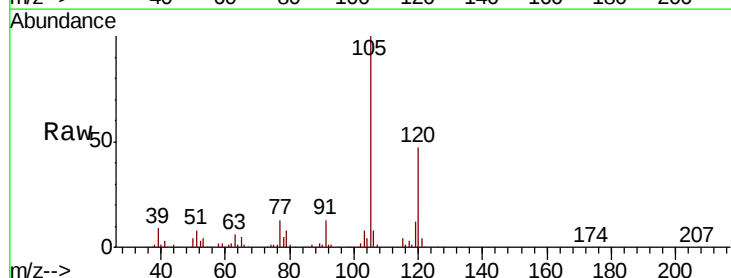
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBS02

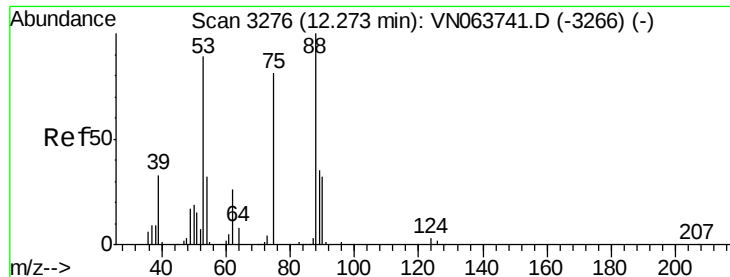
Tot Ion: 91 Resp: 183323
 Ion Ratio Lower Upper
 91 100
 126 31.9 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 18.908 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063840.D
 Acq: 2 Oct 2020 23:56

Tgt Ion: 105 Resp: 209004
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.3 69.9

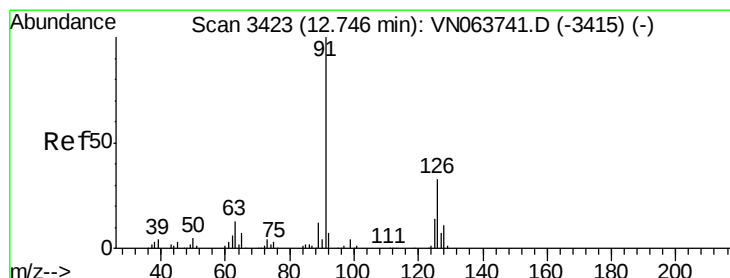
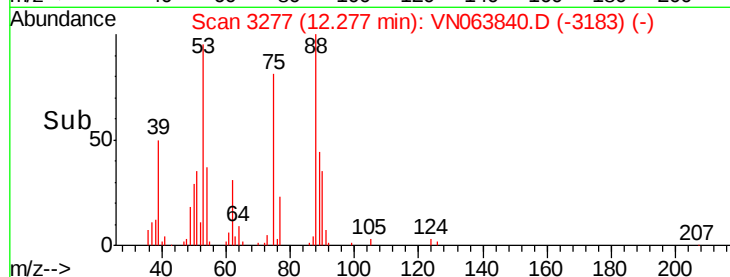
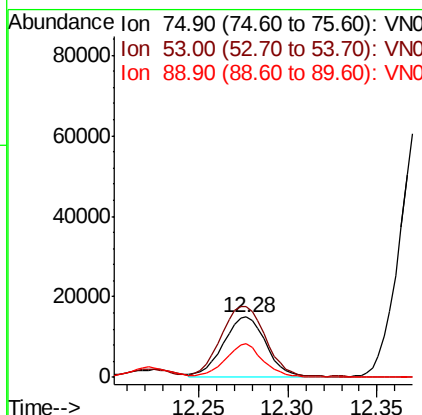
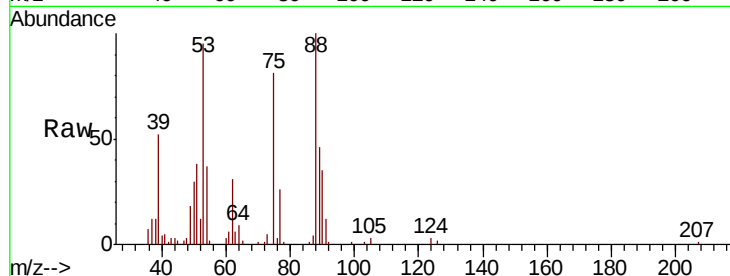




#81
trans-1,4-Dichloro-2-butene
Concen: 17.865 ug/l
RT: 12.28 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

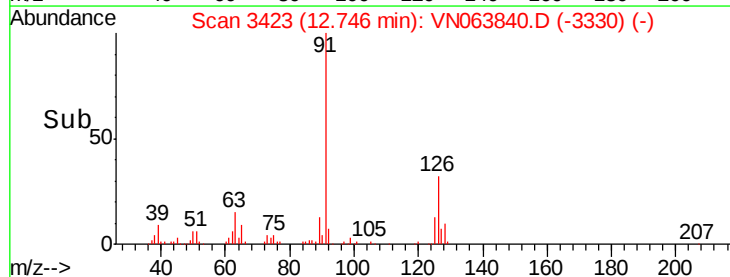
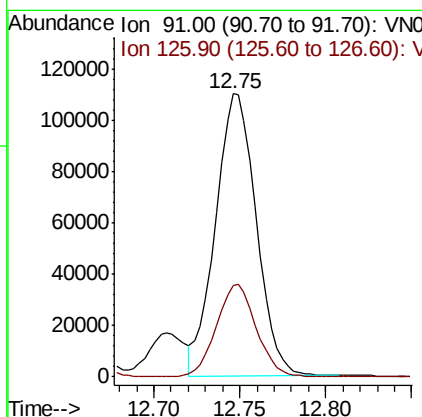
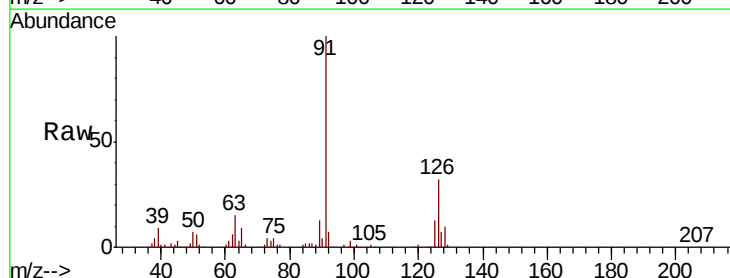
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBS02

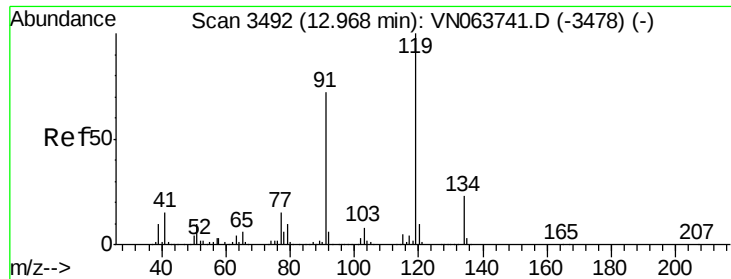
Tot Ion: 75 Resp: 24700
Ion Ratio Lower Upper
75 100
53 122.6 88.2 132.2
89 50.5 36.0 54.0



#82
4-Chlorotoluene
Concen: 18.580 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

Tgt Ion: 91 Resp: 181903
Ion Ratio Lower Upper
91 100
126 32.2 15.4 46.2

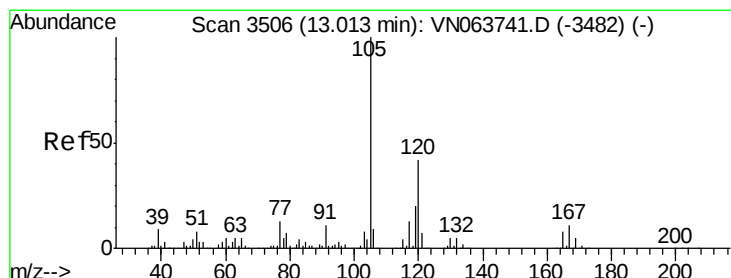
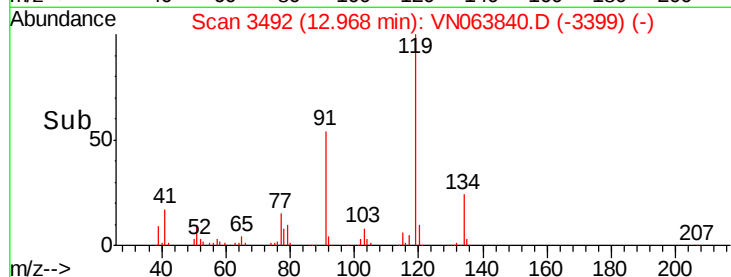
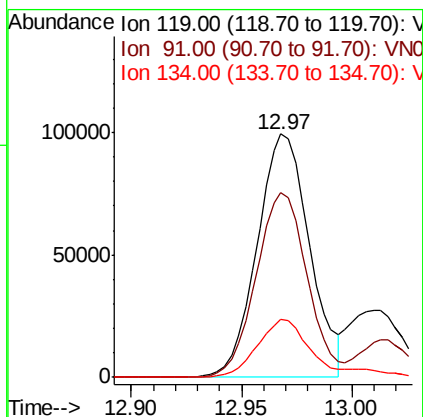
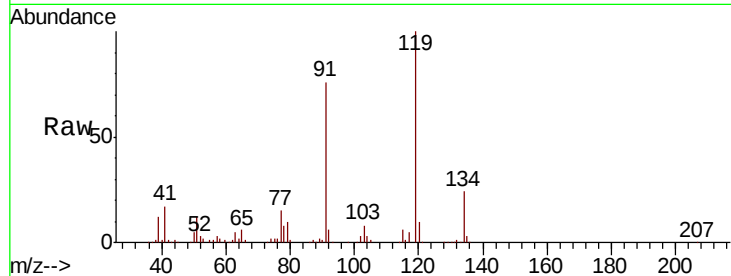




#83
tert-Butylbenzene
Concen: 18.080 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

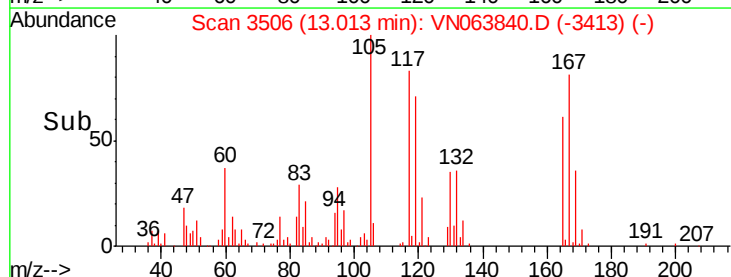
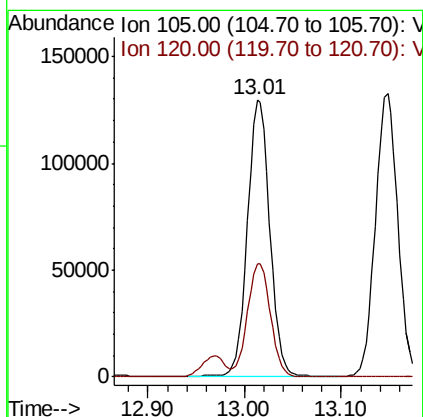
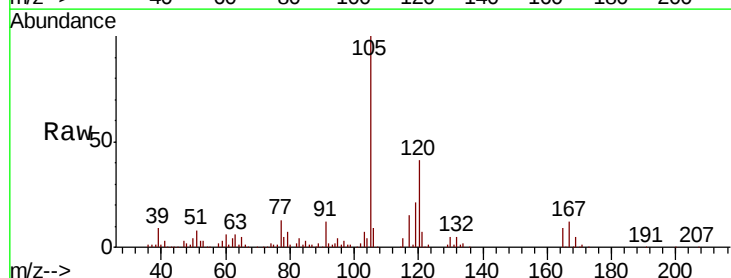
Instrument :
MSVOA_N
ClientSampled :
VN1002WBS02

Tot Ion:119 Resp: 163473
Ion Ratio Lower Upper
119 100
91 74.3 35.5 106.5
134 25.6 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 18.952 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN063840.D
Acq: 2 Oct 2020 23:56

Tgt Ion:105 Resp: 209155
Ion Ratio Lower Upper
105 100
120 41.6 20.9 62.7





#85

sec-Butylbenzene

Concen: 17.978 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063840.D

Acq: 2 Oct 2020 23:56

Instrument :

MSVOA_N

ClientSampled :

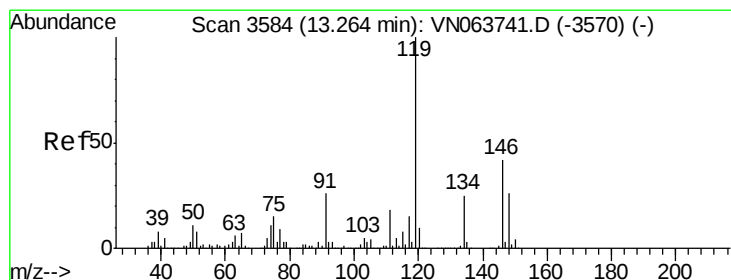
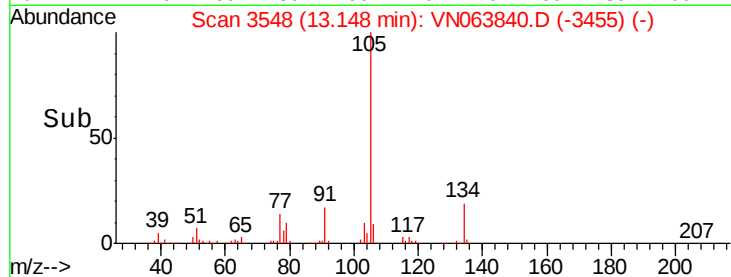
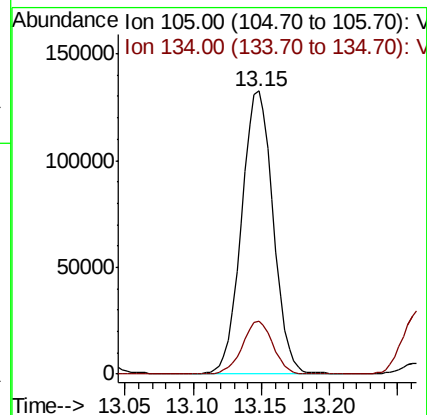
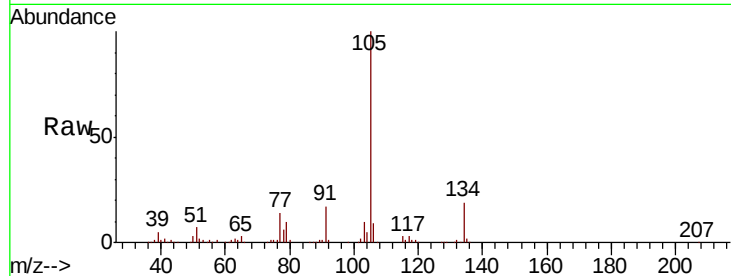
VN1002WBS02

Tot Ion:105 Resp: 213508

Ion Ratio Lower Upper

105 100

134 18.0 9.5 28.5



#86

p-Isopropyltoluene

Concen: 17.970 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063840.D

Acq: 2 Oct 2020 23:56

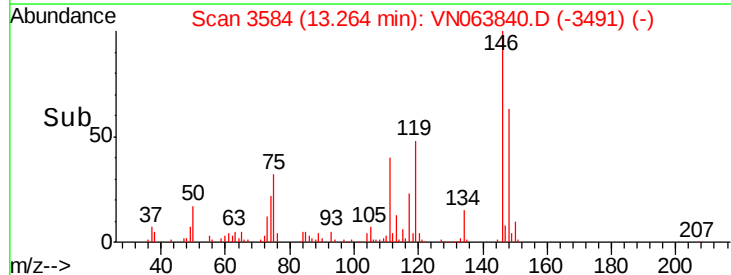
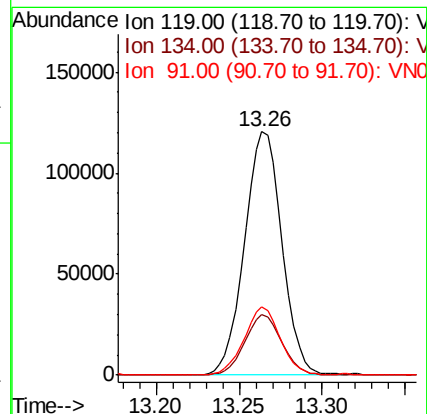
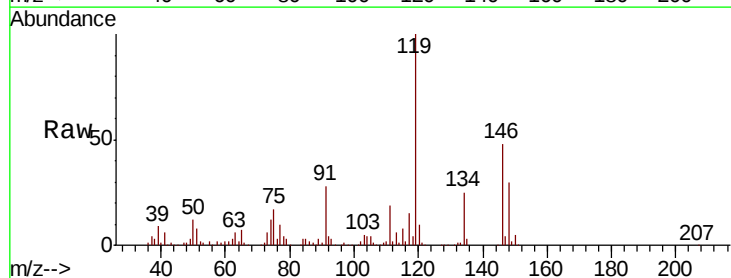
Tgt Ion:119 Resp: 188796

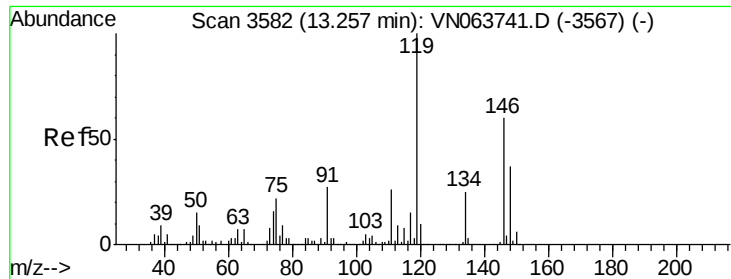
Ion Ratio Lower Upper

119 100

134 24.6 12.6 37.8

91 27.1 13.4 40.2

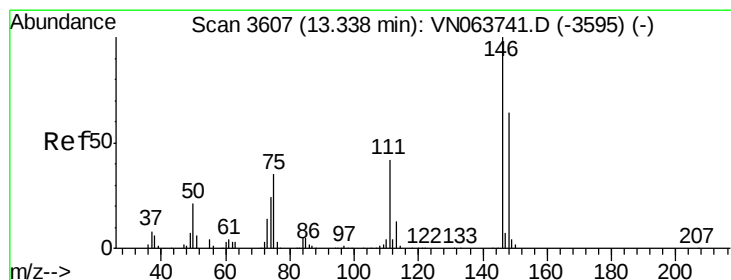
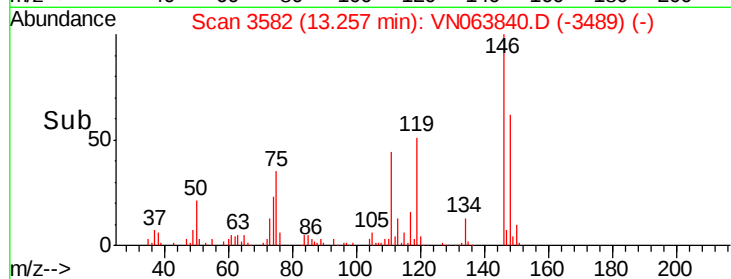
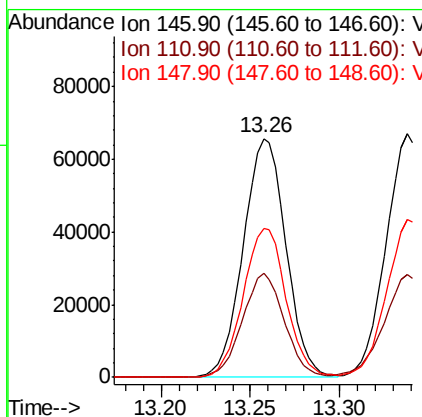
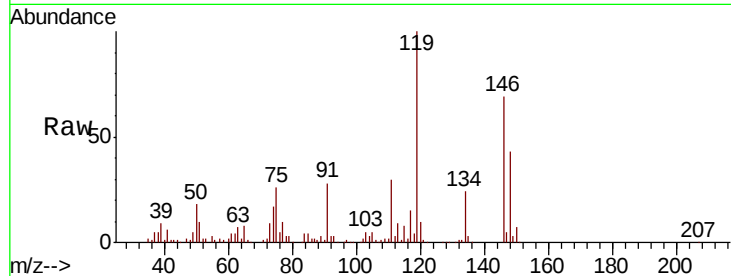




#87
 1,3-Dichlorobenzene
 Concen: 18.781 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063840.D
 Acq: 2 Oct 2020 23:56

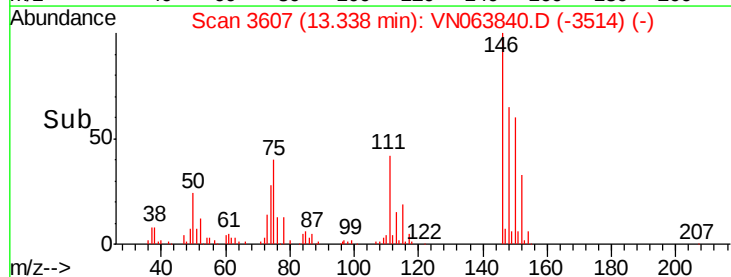
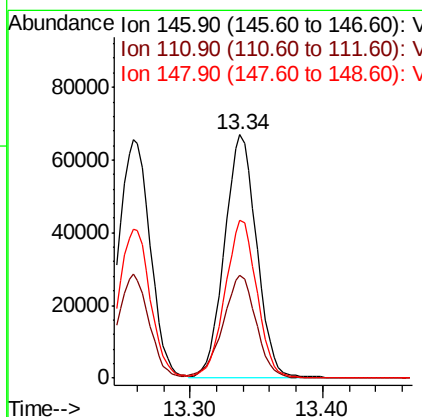
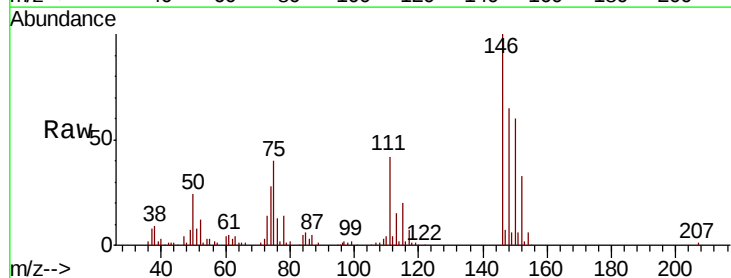
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBS02

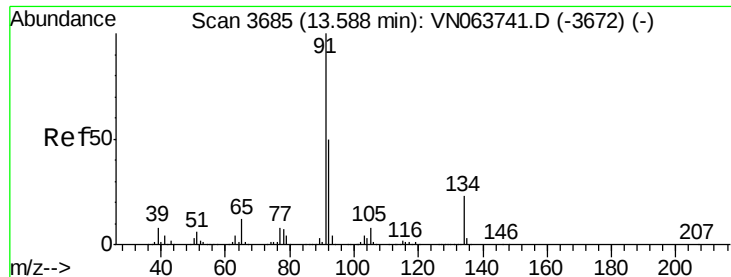
Tot Ion:146 Resp: 109851
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.5 64.5
 148 62.8 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 18.398 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063840.D
 Acq: 2 Oct 2020 23:56

Tgt Ion:146 Resp: 112046
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.3 63.7
 148 64.8 32.0 96.0





#89

n-Butylbenzene

Concen: 16.073 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN063840.D

Acq: 2 Oct 2020 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBS02

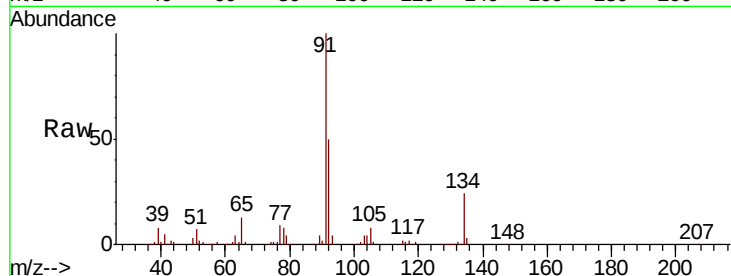
Tot Ion: 91 Resp: 155859

Ion Ratio Lower Upper

91 100

92 49.6 25.4 76.4

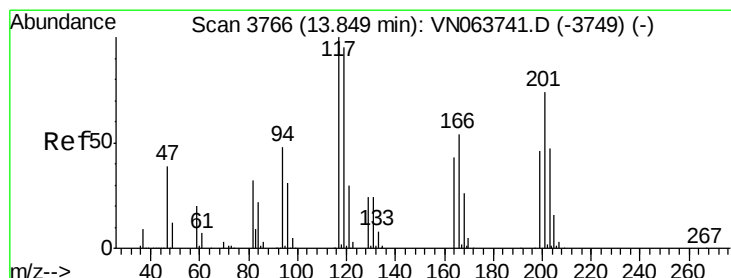
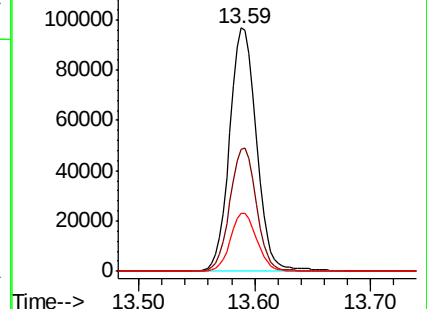
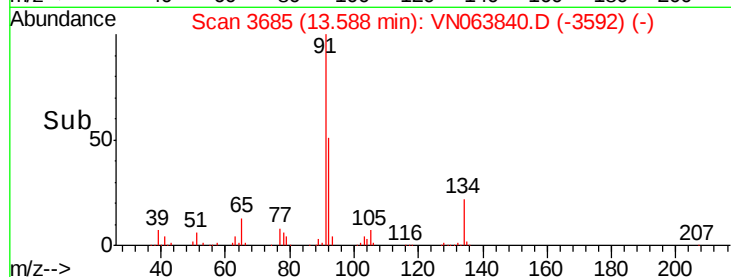
134 23.5 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VN063840.D (-3592) (-)

Ion 92.00 (91.70 to 92.70): VN063840.D (-3592) (-)

Ion 134.00 (133.70 to 134.70): VN063840.D (-3592) (-)



#90

Hexachloroethane

Concen: 18.835 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN063840.D

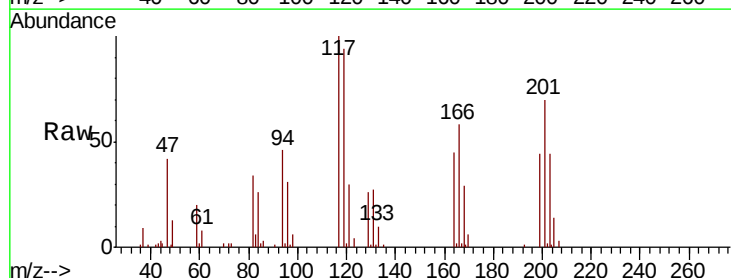
Acq: 2 Oct 2020 23:56

Tgt Ion: 117 Resp: 38344

Ion Ratio Lower Upper

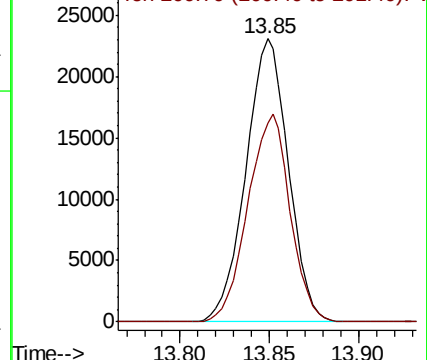
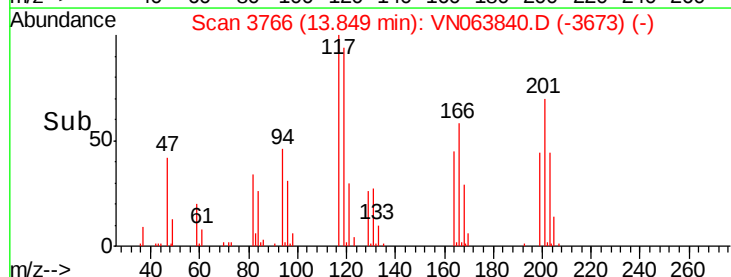
117 100

201 73.0 36.0 108.0



Abundance Ion 116.80 (116.50 to 117.50): VN063840.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN063840.D (-3673) (-)

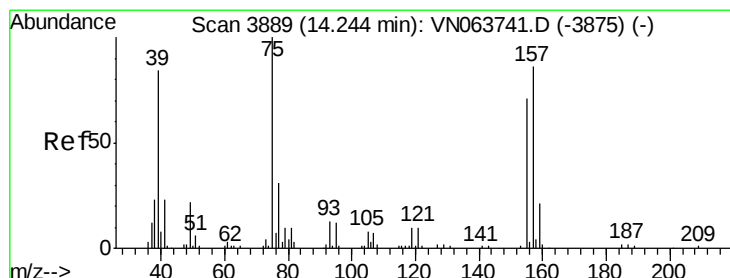
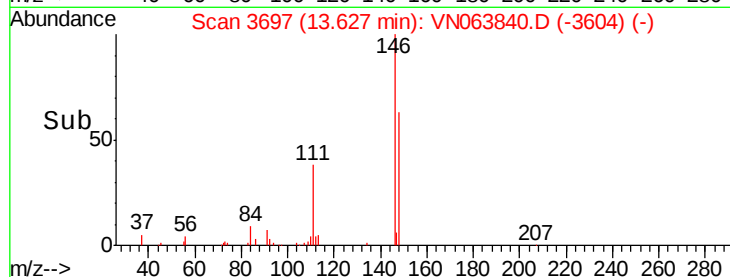
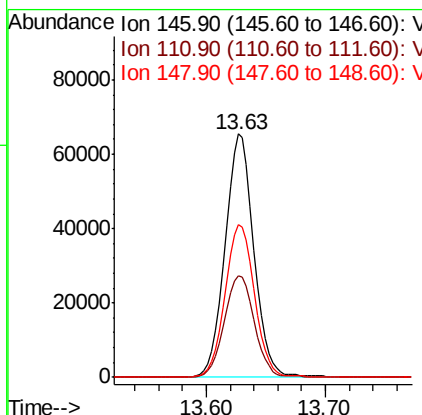
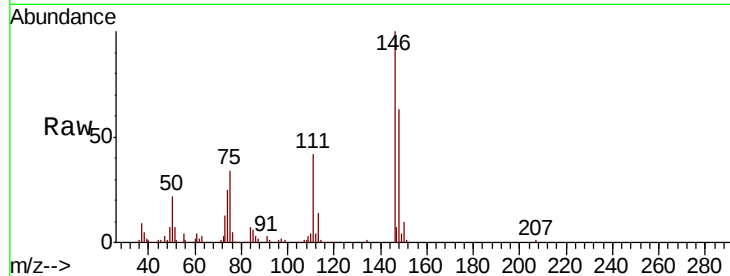




#91
 1,2-Dichlorobenzene
 Concen: 18.902 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063840.D
 Acq: 2 Oct 2020 23:56

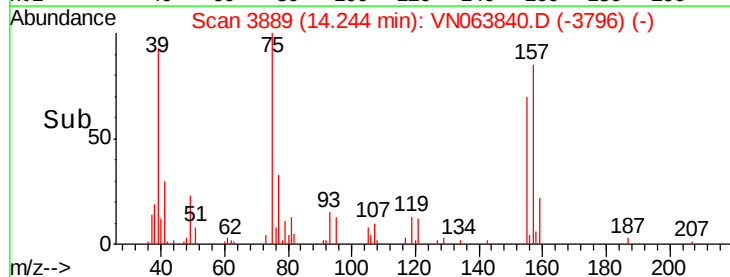
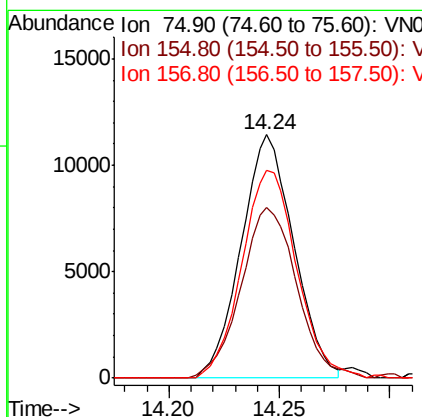
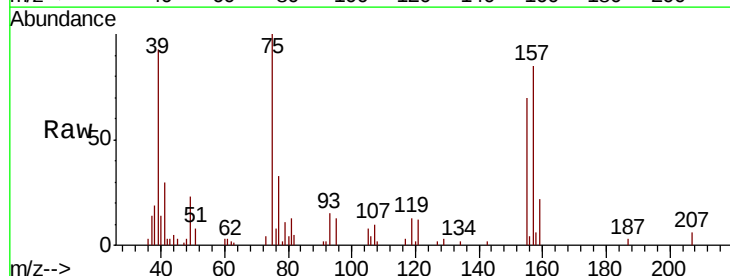
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBS02

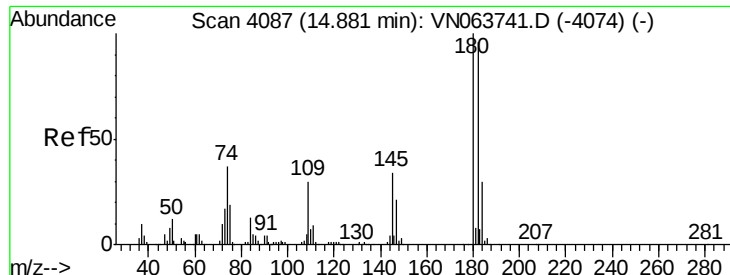
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	22.2	66.6
148	64.3	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.084 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063840.D
 Acq: 2 Oct 2020 23:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.6	34.8	104.5
157	89.0	43.7	131.1

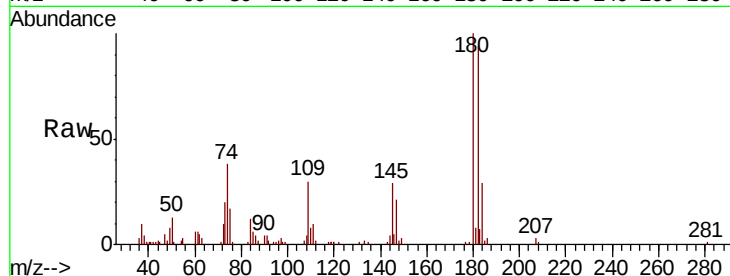




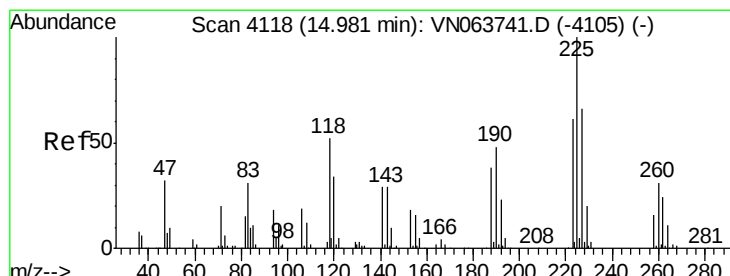
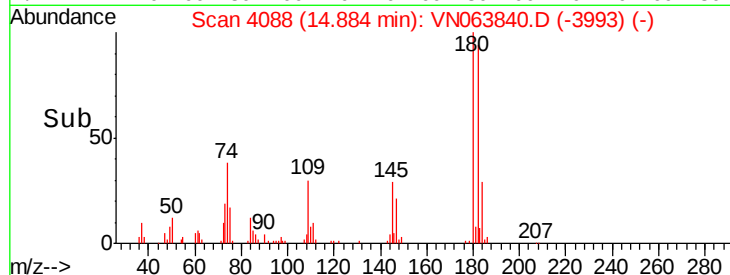
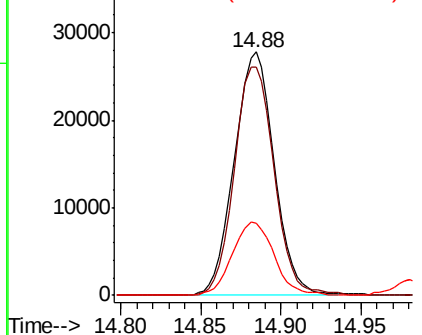
#93
 1,2,4-Trichlorobenzene
 Concen: 16.221 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063840.D
 Acq: 2 Oct 2020 23:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBS02

Tot Ion:180 Resp: 47269
 Ion Ratio Lower Upper
 180 100
 182 93.7 48.2 144.6
 145 31.2 17.1 51.2

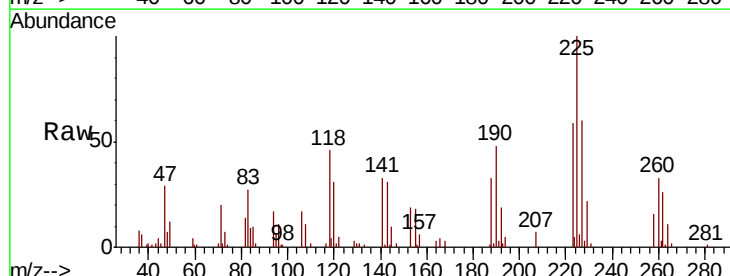


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

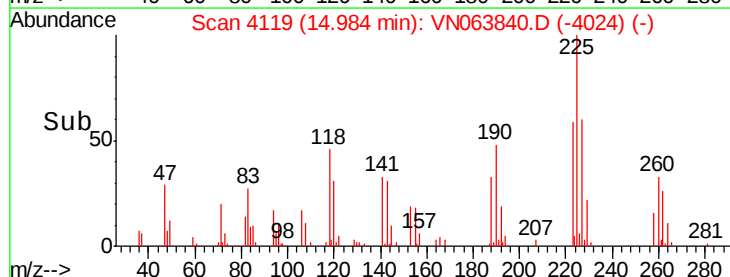
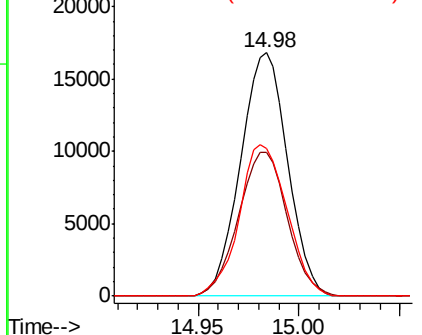


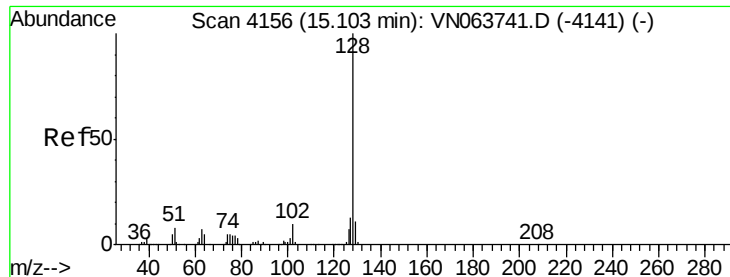
#94
 Hexachlorobutadiene
 Concen: 17.489 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063840.D
 Acq: 2 Oct 2020 23:56

Tgt Ion:225 Resp: 27403
 Ion Ratio Lower Upper
 225 100
 223 61.4 30.3 91.0
 227 63.3 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.195 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063840.D

Acq: 2 Oct 2020 23:56

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBS02

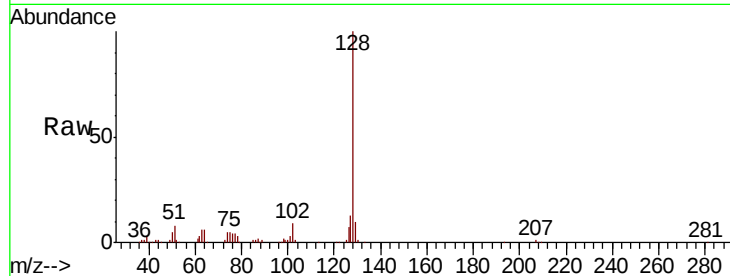
Tot Ion:128 Resp: 154795

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

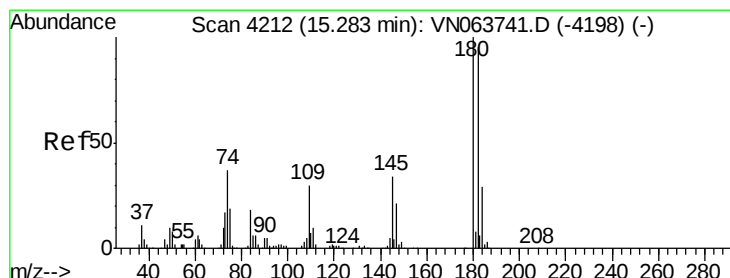
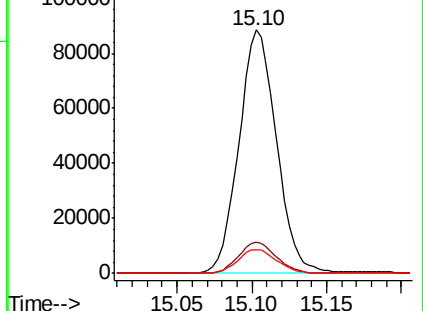
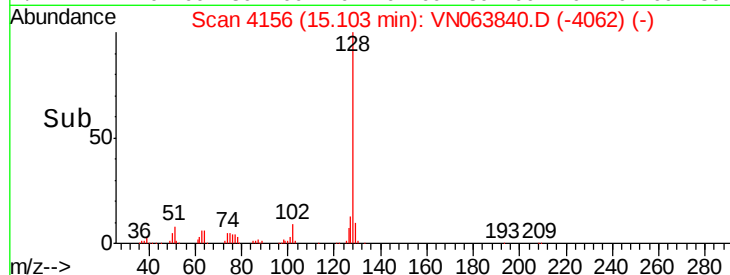
129 10.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 16.105 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063840.D

Acq: 2 Oct 2020 23:56

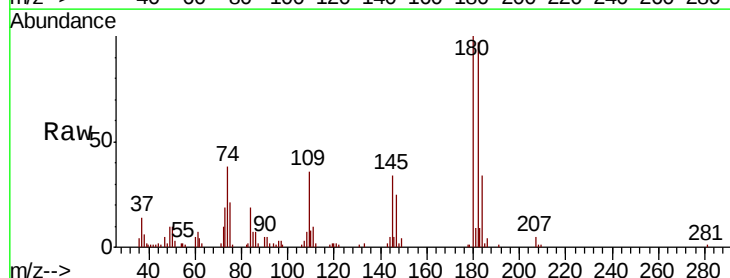
Tgt Ion:180 Resp: 45851

Ion Ratio Lower Upper

180 100

182 97.2 47.9 143.6

145 35.6 17.2 51.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

