

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063815.D
 Acq On : 2 Oct 2020 12:45
 Operator : JC/MD
 Sample : VN1002WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBSD01

Quant Time: Oct 05 04:13:11 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	248879	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	410609	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	383590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	174338	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	209273	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
35) Dibromofluoromethane	7.55	113	139784	49.06	ug/l	0.00
Spiked Amount			Recovery	=	98.12%	
50) Toluene-d8	10.06	98	517018	47.87	ug/l	0.00
Spiked Amount			Recovery	=	95.74%	
62) 4-Bromofluorobenzene	12.38	95	193263	47.60	ug/l	0.00
Spiked Amount			Recovery	=	95.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	45967	17.504	ug/l	98
3) Chloromethane	2.04	50	53339	17.310	ug/l	95
4) Vinyl Chloride	2.16	62	52106	16.846	ug/l	97
5) Bromomethane	2.54	94	34727	17.850	ug/l	98
6) Chloroethane	2.68	64	34238	18.525	ug/l	95
7) Trichlorofluoromethane	2.98	101	90489	18.446	ug/l	99
8) Diethyl Ether	3.37	74	29957	18.057	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	46753	17.831	ug/l	97
10) Methyl Iodide	3.91	142	56233	18.471	ug/l	99
11) Tert butyl alcohol	4.72	59	45813	100.923	ug/l #	89
12) 1,1-Dichloroethene	3.70	96	44887	17.911	ug/l	97
13) Acrolein	3.57	56	24707	88.682	ug/l	98
14) Allyl chloride	4.28	41	87212	18.731	ug/l	95
15) Acrylonitrile	4.93	53	120629	92.836	ug/l	97
16) Acetone	3.77	43	118942	93.973	ug/l	99
17) Carbon Disulfide	4.01	76	117310	17.776	ug/l	98
18) Methyl Acetate	4.28	43	65019	19.785	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	174252	19.138	ug/l	98
20) Methylene Chloride	4.51	84	56998	19.720	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	49308	17.565	ug/l	98
22) Diisopropyl ether	5.90	45	189802	19.814	ug/l	96
23) Vinyl Acetate	5.84	43	767817	96.761	ug/l	100
24) 1,1-Dichloroethane	5.80	63	104581	19.094	ug/l	100
25) 2-Butanone	6.78	43	179583	100.077	ug/l	97
26) 2,2-Dichloropropane	6.78	77	87002	17.345	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	58334	18.069	ug/l	96
28) Bromochloromethane	7.15	49	54081	19.977	ug/l	95
29) Tetrahydrofuran	7.16	42	117918	97.977	ug/l	98
30) Chloroform	7.33	83	106250	18.605	ug/l	94
31) Cyclohexane	7.61	56	82650	17.315	ug/l #	92
32) 1,1,1-Trichloroethane	7.53	97	96575	18.748	ug/l	99
36) 1,1-Dichloropropene	7.75	75	76228	18.325	ug/l	99
37) Ethyl Acetate	6.88	43	65106	15.753	ug/l	95
38) Carbon Tetrachloride	7.73	117	83121	17.819	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	69137	16.666	ug/l	97
40) Benzene	8.00	78	218830	18.418	ug/l	98
41) Methacrylonitrile	7.13	41	36778	20.023	ug/l #	91
42) 1,2-Dichloroethane	8.09	62	99481	19.614	ug/l	99
43) Isopropyl Acetate	8.13	43	131573	19.301	ug/l	99
44) Trichloroethene	8.80	130	55696	17.891	ug/l	99
45) 1,2-Dichloropropane	9.08	63	60920	18.985	ug/l	97
46) Dibromomethane	9.17	93	41710	18.842	ug/l	98
47) Bromodichloromethane	9.37	83	87298	19.135	ug/l	96
48) Methyl methacrylate	9.17	41	65961	19.584	ug/l	94
49) 1,4-Dioxane	9.16	88	16894	352.935	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	400782	100.182	ug/l	99
52) Toluene	10.13	92	136908	18.629	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	91125	18.634	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	96321	18.833	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	56433	19.148	ug/l	98
56) Ethyl methacrylate	10.40	69	80763	19.332	ug/l	97
57) 1,3-Dichloropropane	10.68	76	95960	19.245	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	216078	96.693	ug/l	100
59) 2-Hexanone	10.72	43	284882	95.860	ug/l	98
60) Dibromochloromethane	10.87	129	61904	18.035	ug/l	97
61) 1,2-Dibromoethane	10.98	107	59165	19.625	ug/l	99
64) Tetrachloroethene	10.60	164	52657	17.743	ug/l	98
65) Chlorobenzene	11.41	112	145917	18.544	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	55521	18.405	ug/l	99
67) Ethyl Benzene	11.49	91	262772	18.353	ug/l	98
68) m/p-Xylenes	11.59	106	192327	36.041	ug/l	98
69) o-Xylene	11.92	106	92115	18.469	ug/l	99
70) Styrene	11.94	104	155375	18.352	ug/l	97
71) Bromoform	12.10	173	40109	17.385	ug/l #	96
73) Isopropylbenzene	12.22	105	245146	19.278	ug/l	100
74) N-amyl acetate	12.05	43	107170	19.545	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	79345	20.405	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	109635	28.528	ug/l #	100
77) Bromobenzene	12.50	156	62295	19.965	ug/l	97
78) n-propylbenzene	12.57	91	280925	18.983	ug/l	100
79) 2-Chlorotoluene	12.65	91	176883	19.434	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	208660	19.559	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	25441	19.066	ug/l	93
82) 4-Chlorotoluene	12.75	91	187079	19.800	ug/l	98
83) tert-Butylbenzene	12.97	119	163698	18.759	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	207235	19.457	ug/l	99
85) sec-Butylbenzene	13.15	105	212193	18.514	ug/l	100
86) p-Isopropyltoluene	13.26	119	193408	19.075	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	106386	18.846	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	109640	18.654	ug/l	99
89) n-Butylbenzene	13.59	91	163713	17.494	ug/l	99
90) Hexachloroethane	13.85	117	35231	17.931	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	106716	19.087	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17579	19.277	ug/l	97

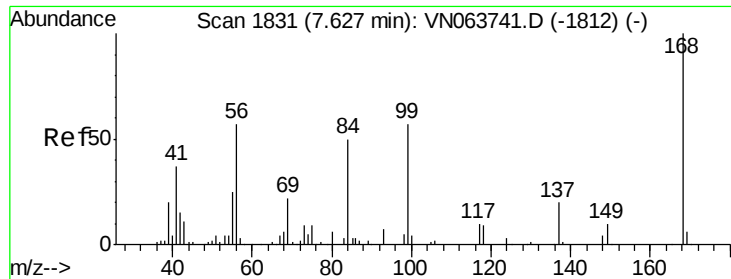
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	48161	17.027	ug/l	99
94) Hexachlorobutadiene	14.98	225	28028	18.531	ug/l	100
95) Naphthalene	15.11	128	153383	17.602	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	48506	17.502	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

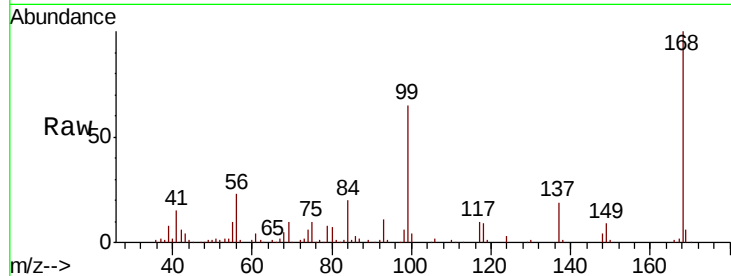
VN1002WBSD01

Tot Ion:168 Resp: 248879

Ion Ratio Lower Upper

168 100

99 65.1 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

60000

40000

20000

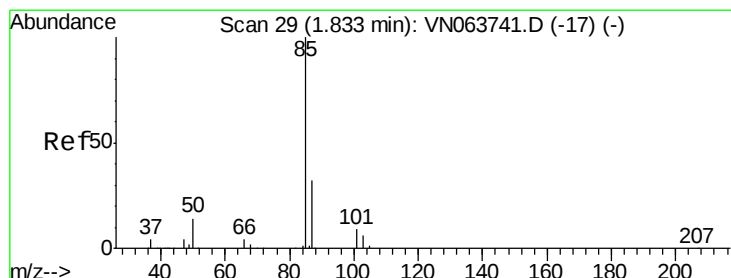
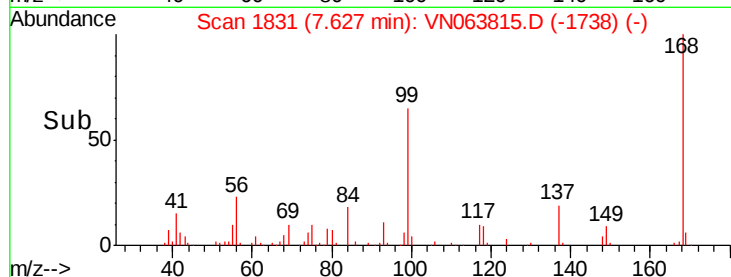
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Time-->

7.50

7.60

7.70



#2

Dichlorodifluoromethane

Concen: 17.504 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063815.D

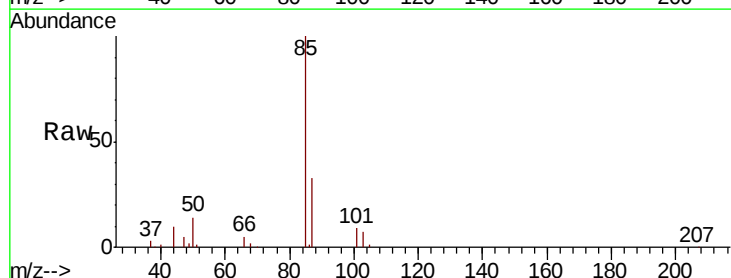
Acq: 2 Oct 2020 12:45

Tgt Ion: 85 Resp: 45967

Ion Ratio Lower Upper

85 100

87 32.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

40000

30000

20000

10000

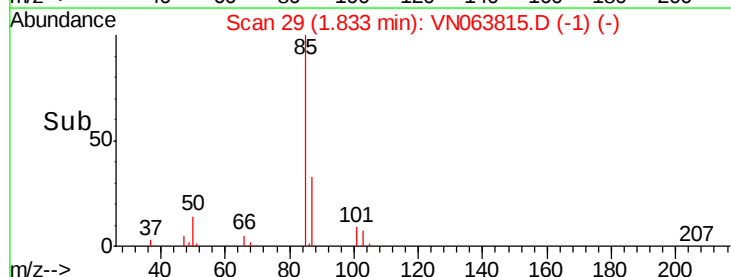
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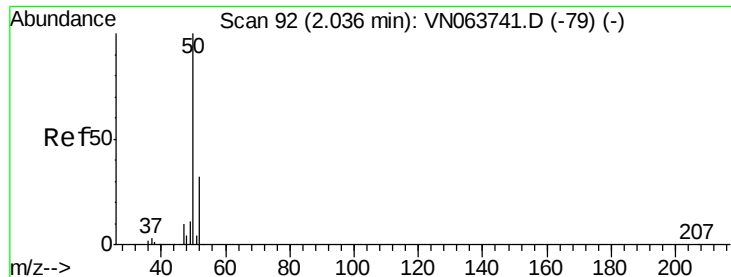
Time-->

1.80

1.85

1.90





#3

Chloromethane

Concen: 17.310 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

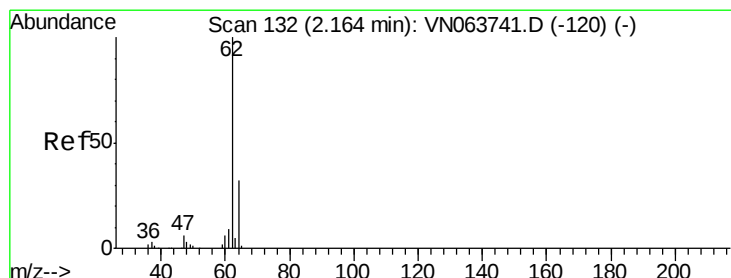
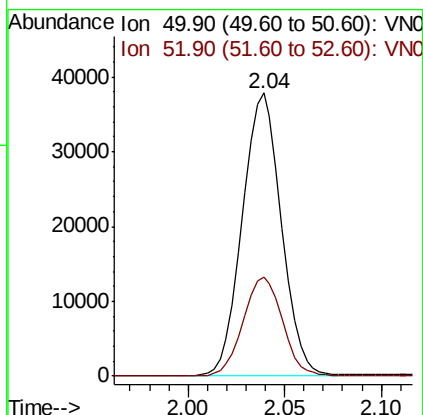
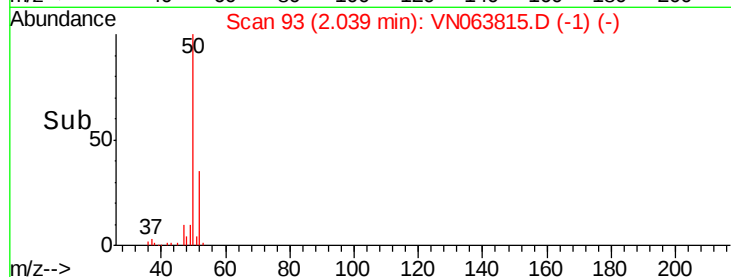
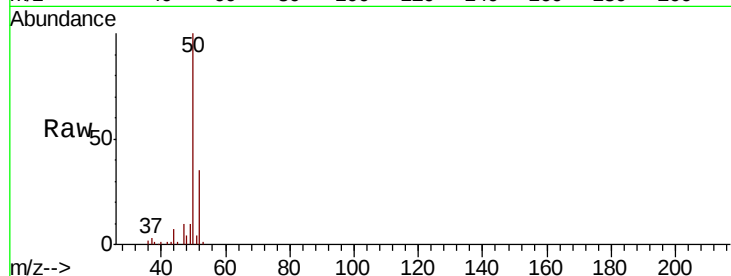
VN1002WBSD01

Tot Ion: 50 Resp: 53339

Ion Ratio Lower Upper

50 100

52 35.0 25.8 38.8



#4

Vinyl Chloride

Concen: 16.846 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063815.D

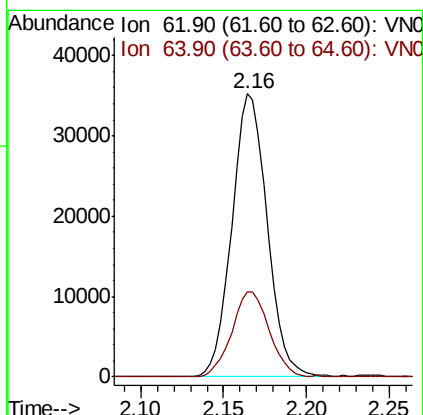
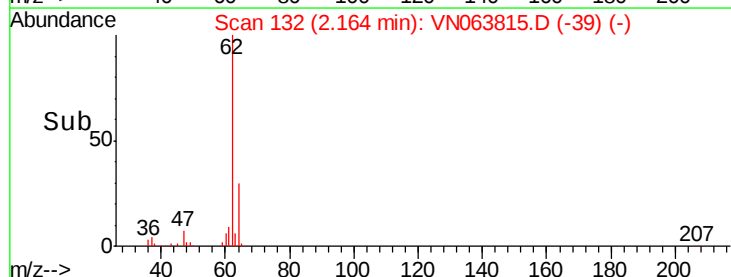
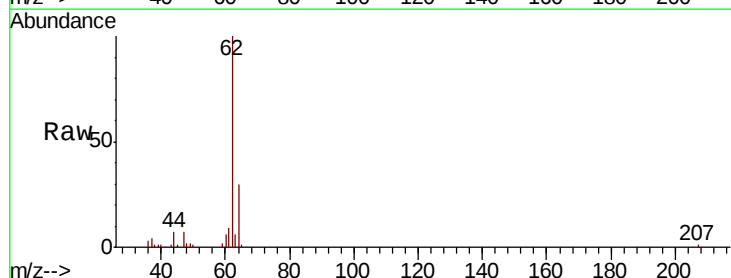
Acq: 2 Oct 2020 12:45

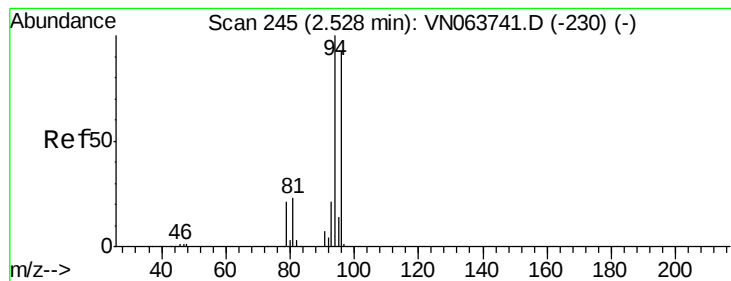
Tgt Ion: 62 Resp: 52106

Ion Ratio Lower Upper

62 100

64 30.1 25.6 38.4





#5

Bromomethane

Concen: 17.850 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

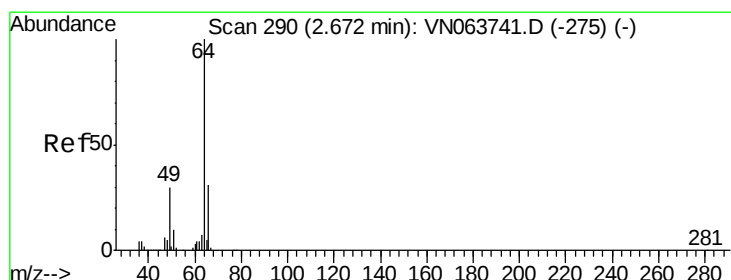
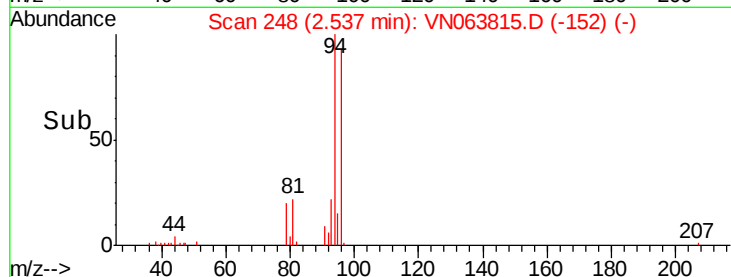
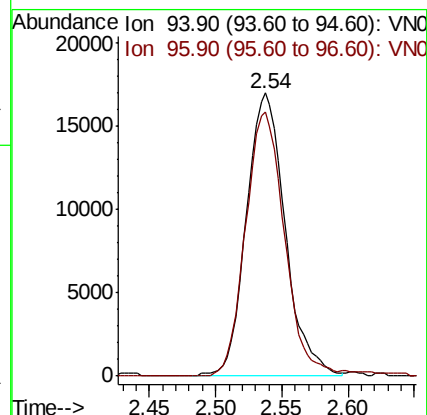
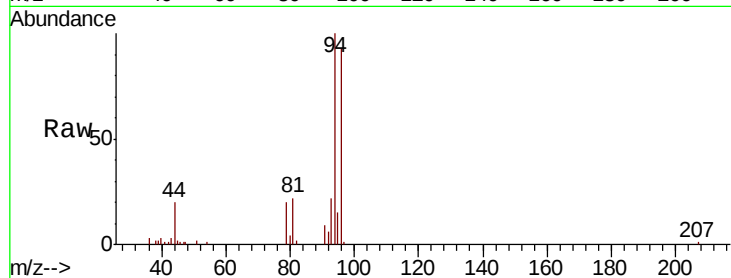
VN1002WBSD01

Tot Ion: 94 Resp: 34727

Ion Ratio Lower Upper

94 100

96 93.1 73.3 109.9



#6

Chloroethane

Concen: 18.525 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063815.D

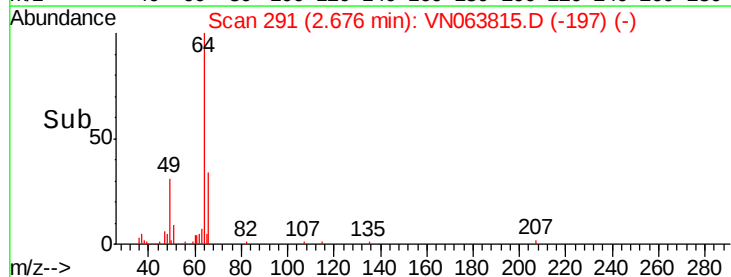
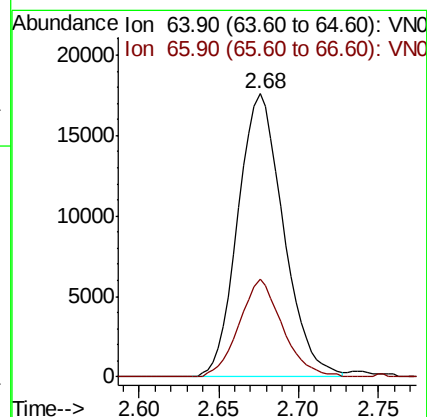
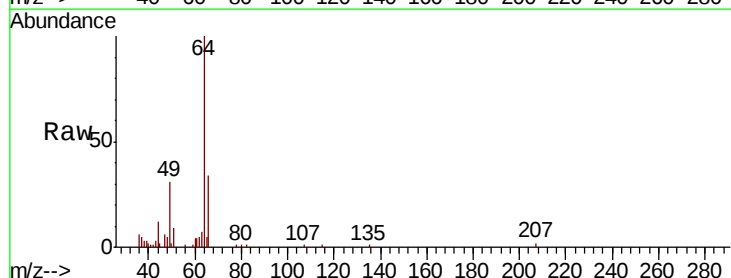
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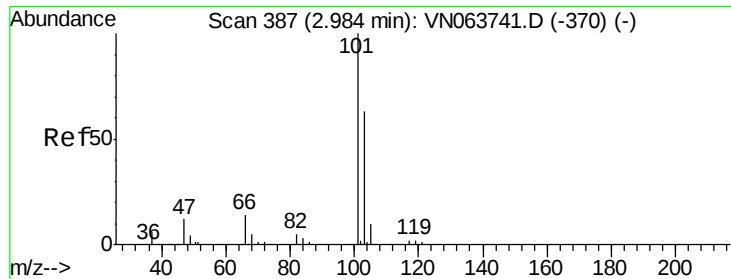
Tgt Ion: 64 Resp: 34238

Ion Ratio Lower Upper

64 100

66 34.3 25.1 37.7



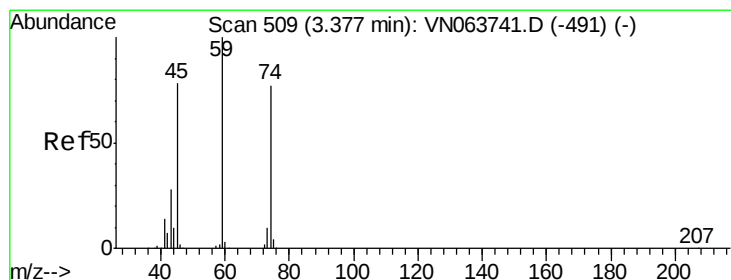
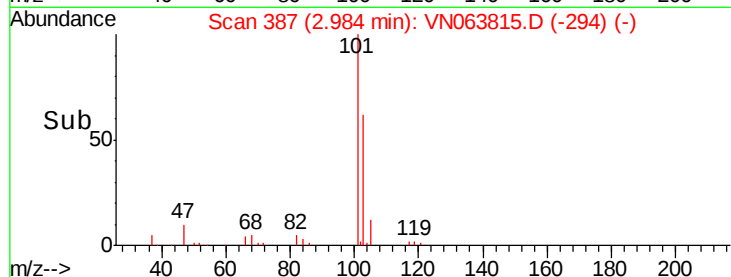
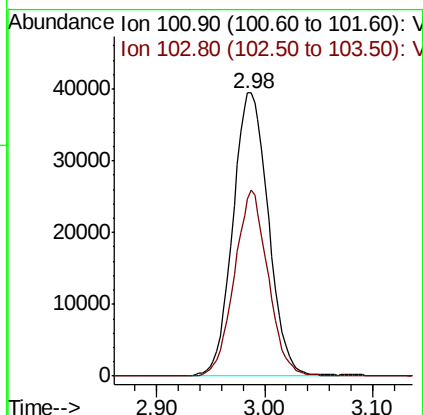
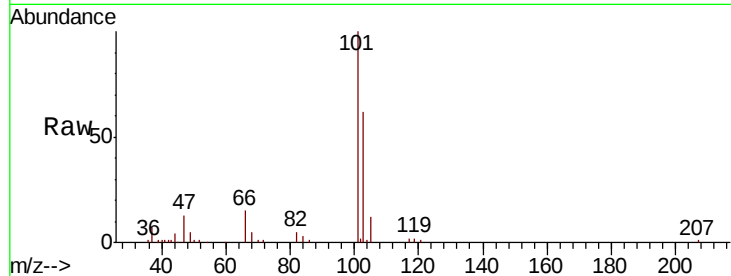


#7

Trichlorofluoromethane
 Concen: 18.446 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

Instrument :
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 VN1002WBSD01

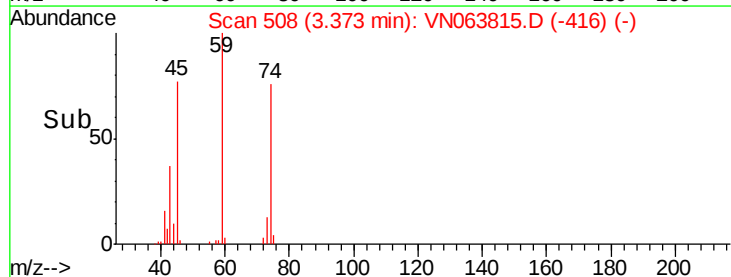
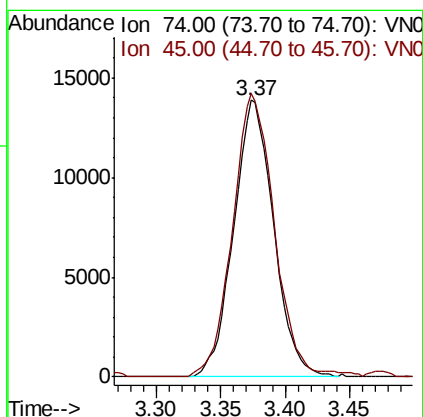
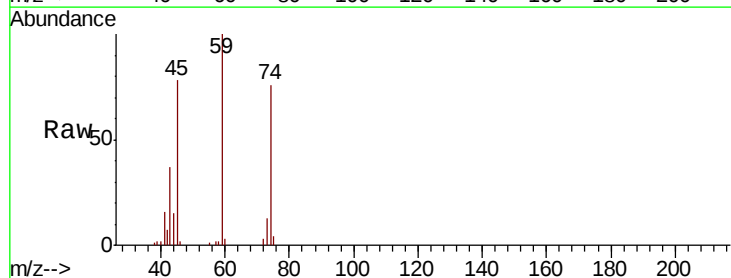
Tot Ion:101 Resp: 90489
 Ion Ratio Lower Upper
 101 100
 103 62.4 50.7 76.1

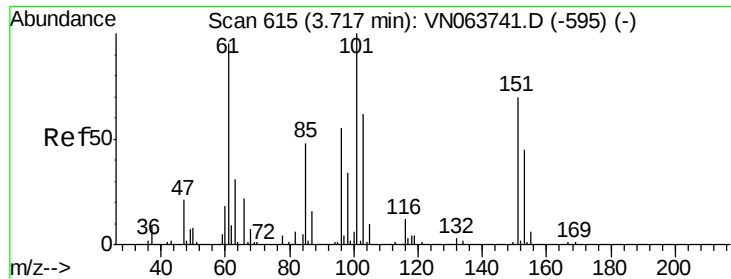


#8

Diethyl Ether
 Concen: 18.057 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

Tgt Ion: 74 Resp: 29957
 Ion Ratio Lower Upper
 74 100
 45 107.4 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.831 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBSD01

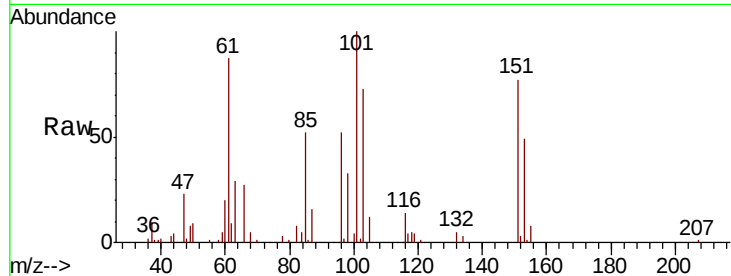
Tot Ion:101 Resp: 46753

Ion Ratio Lower Upper

101 100

85 49.6 38.6 58.0

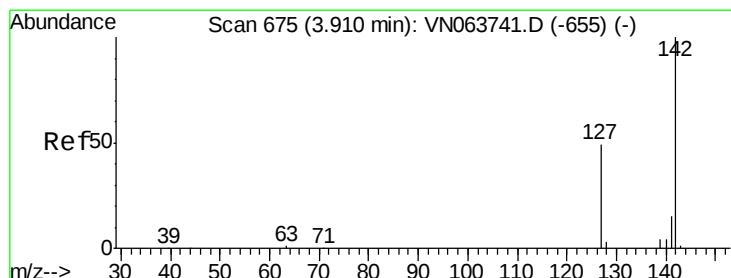
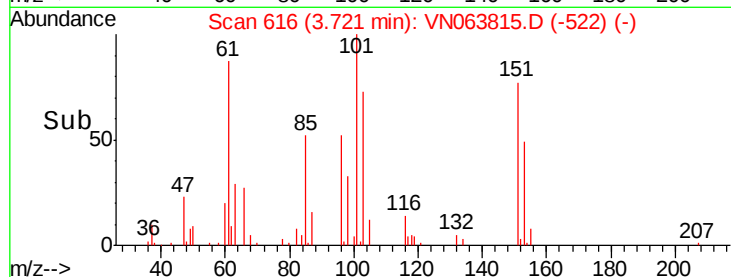
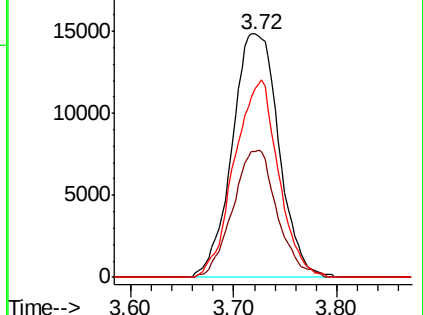
151 76.3 58.7 88.1



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: 18.471 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

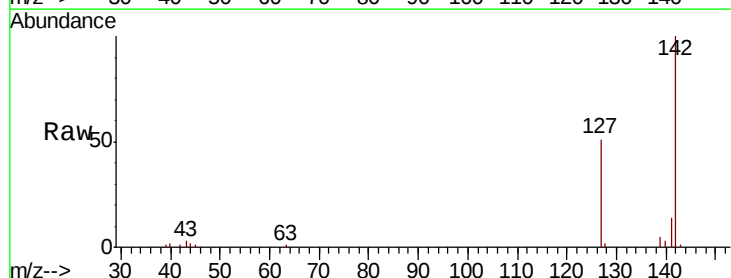
Tgt Ion:142 Resp: 56233

Ion Ratio Lower Upper

142 100

127 51.2 40.5 60.7

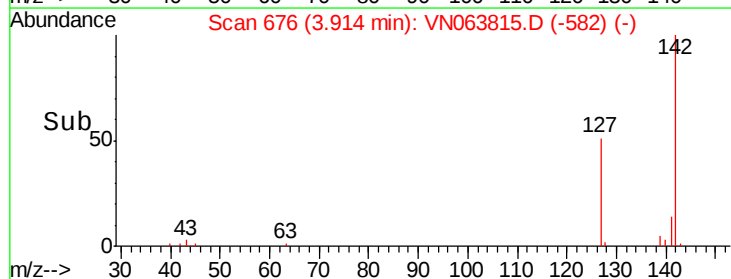
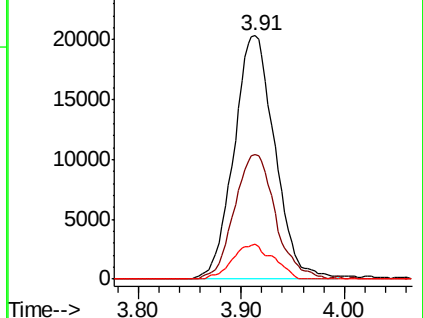
141 14.4 11.7 17.5

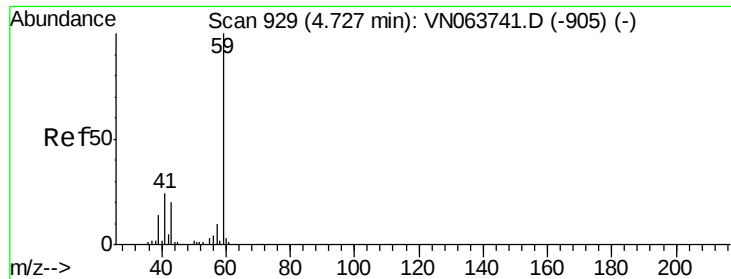


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



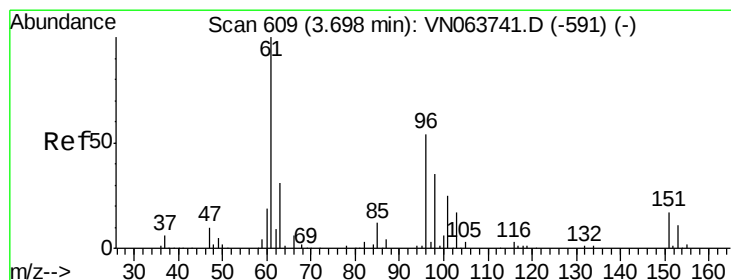
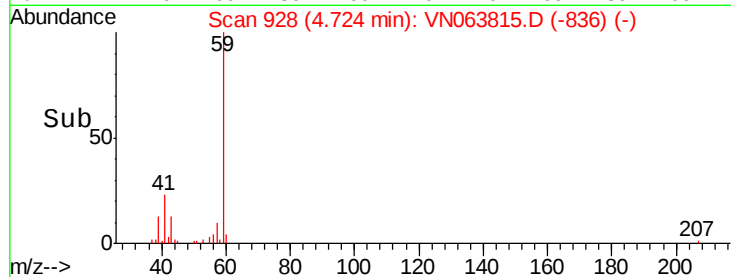
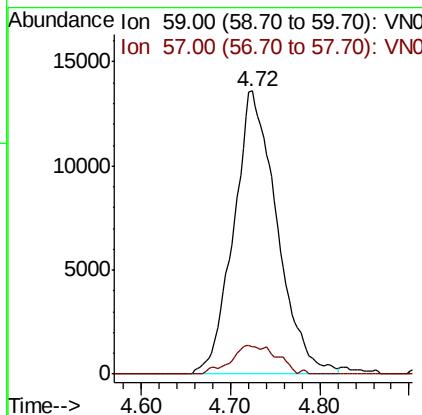
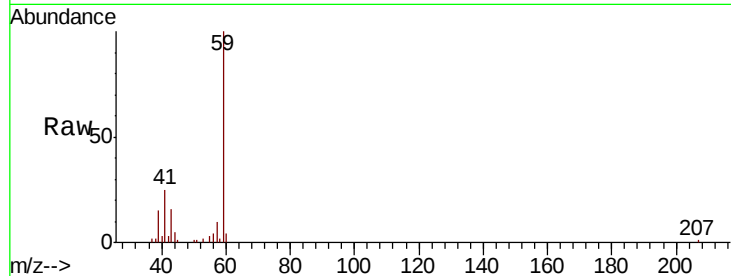


#11

Tert butyl alcohol
 Concen: 100.923 ug/l
 RT: 4.72 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBSD01

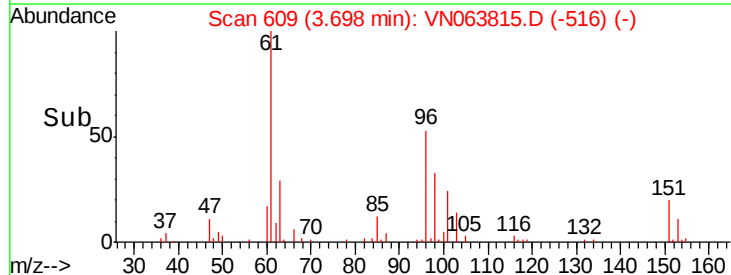
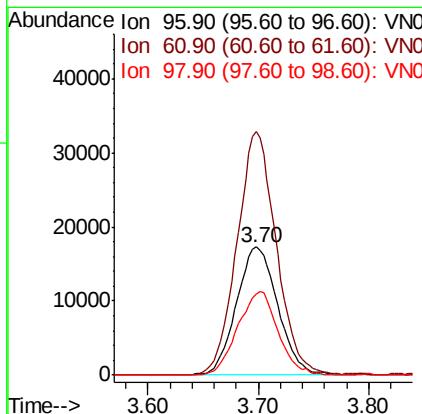
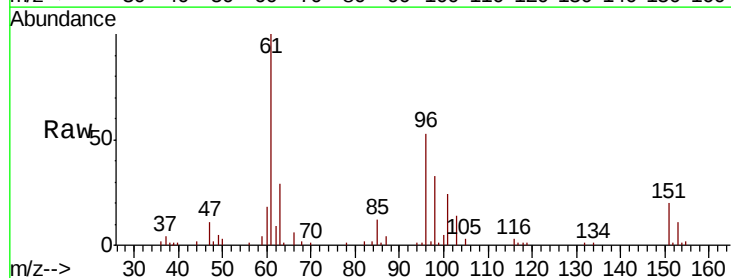
Tot Ion: 59 Resp: 45813
 Ion Ratio Lower Upper
 59 100
 57 6.6 8.7 13.1#

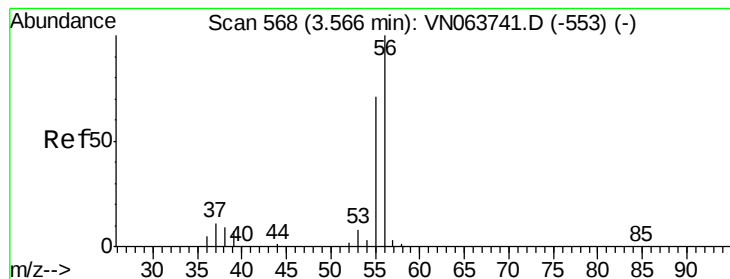


#12

1,1-Dichloroethene
 Concen: 17.911 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

Tgt Ion: 96 Resp: 44887
 Ion Ratio Lower Upper
 96 100
 61 190.3 147.7 221.5
 98 63.4 51.9 77.9





#13

Acrolein

Concen: 88.682 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

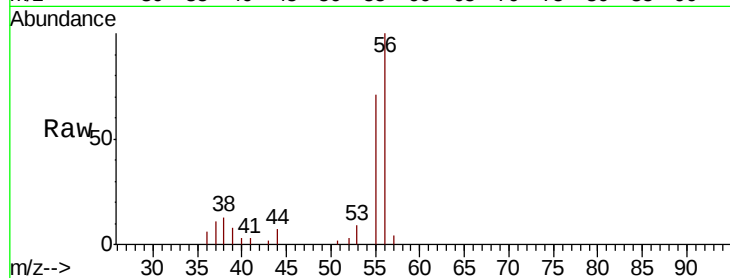
VN1002WBSD01

Tot Ion: 56 Resp: 24707

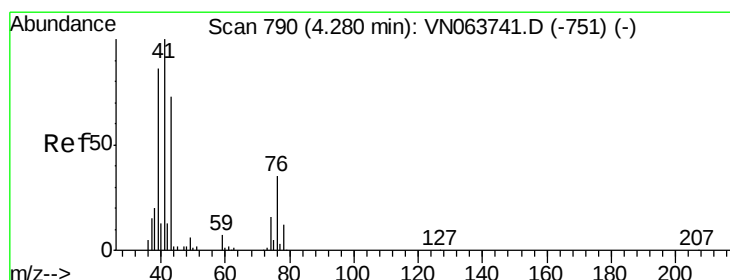
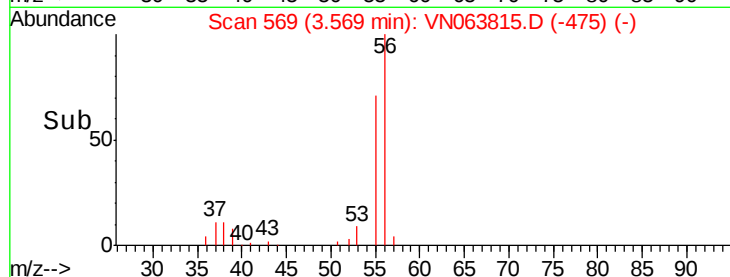
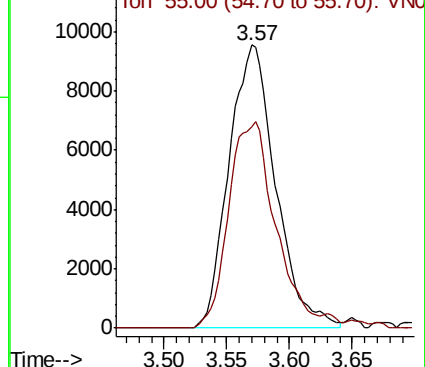
Ion Ratio Lower Upper

56 100

55 72.8 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VN063815.D (-475) (-)



#14

Allyl chloride

Concen: 18.731 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

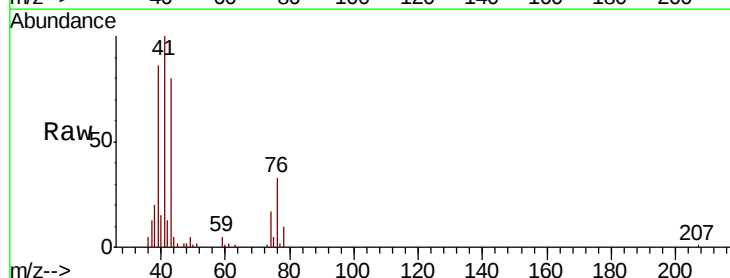
Tgt Ion: 41 Resp: 87212

Ion Ratio Lower Upper

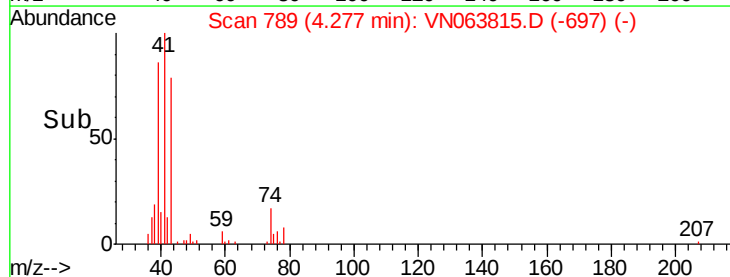
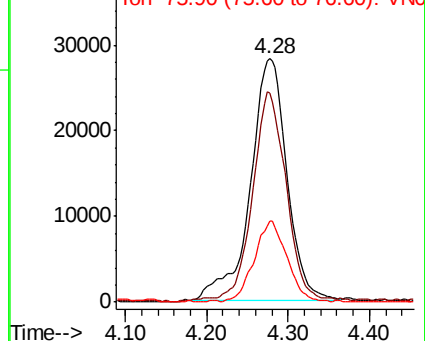
41 100

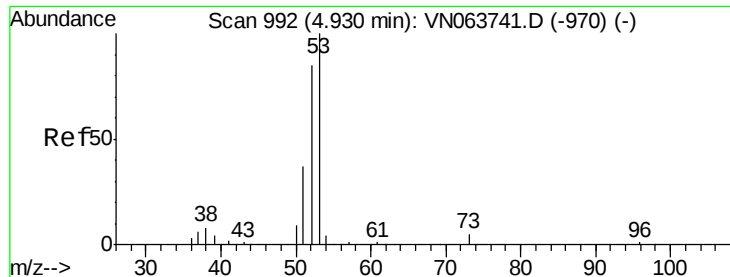
39 75.9 64.5 96.7

76 30.2 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VN063815.D (-697) (-)





#15

Acrylonitrile

Concen: 92.836 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBSD01

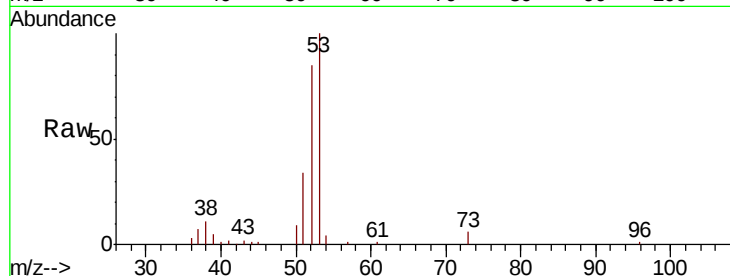
Tot Ion: 53 Resp: 120629

Ion Ratio Lower Upper

53 100

52 86.3 66.5 99.7

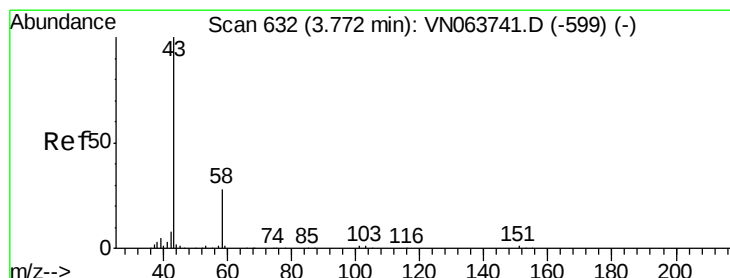
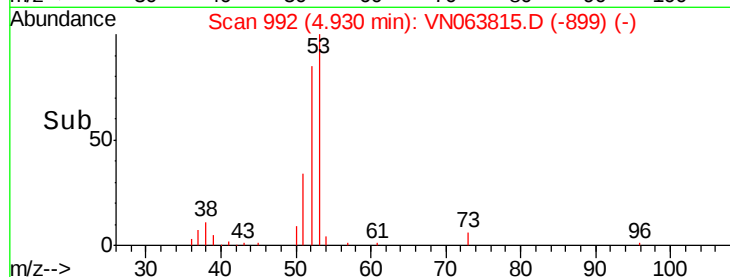
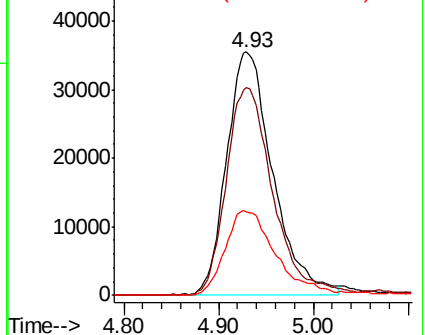
51 37.7 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN063815.D (-899) (-)

Ion 52.00 (51.70 to 52.70): VN063815.D (-899) (-)

Ion 51.00 (50.70 to 51.70): VN063815.D (-899) (-)



#16

Acetone

Concen: 93.973 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063815.D

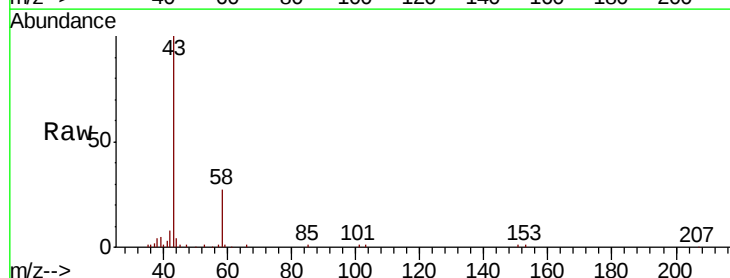
Acq: 2 Oct 2020 12:45

Tgt Ion: 43 Resp: 118942

Ion Ratio Lower Upper

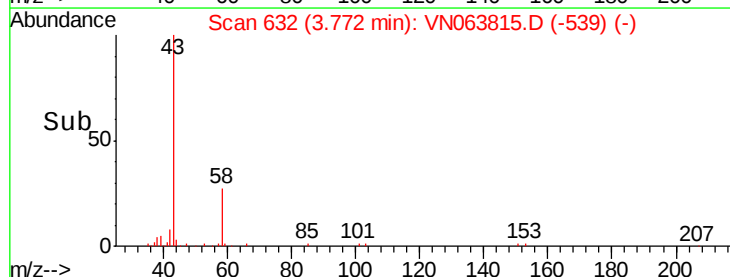
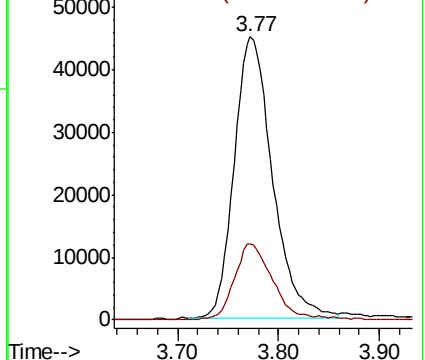
43 100

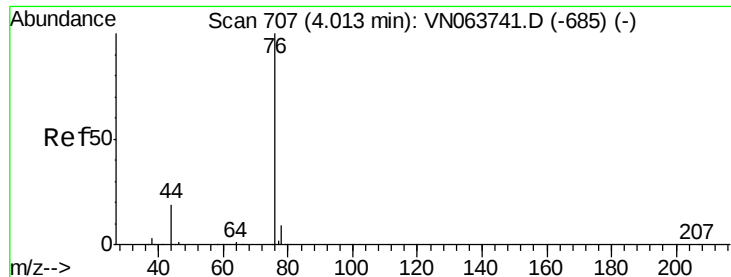
58 27.1 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063815.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN063815.D (-539) (-)

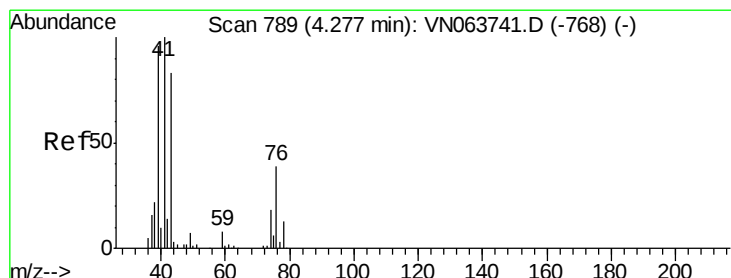
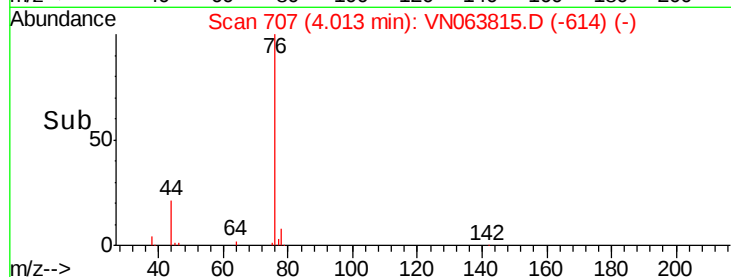
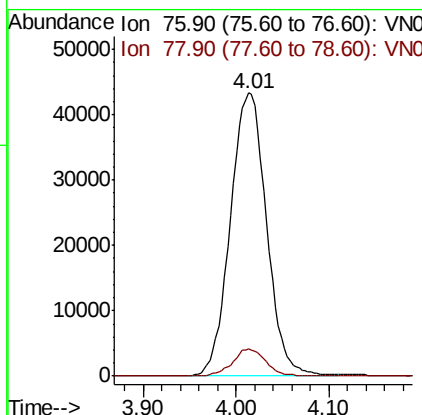
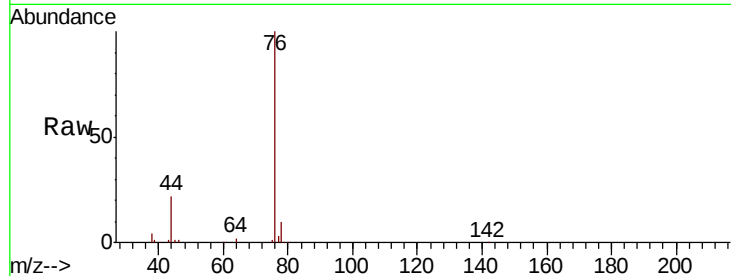




#17
Carbon Disulfide
Concen: 17.776 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

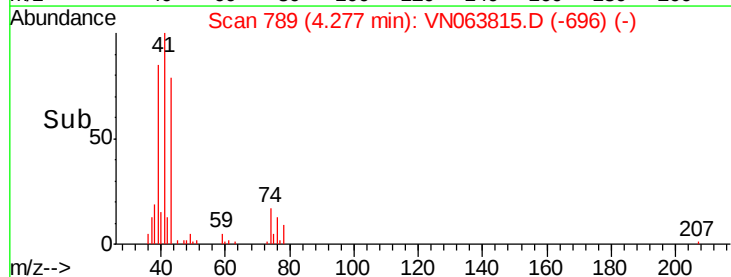
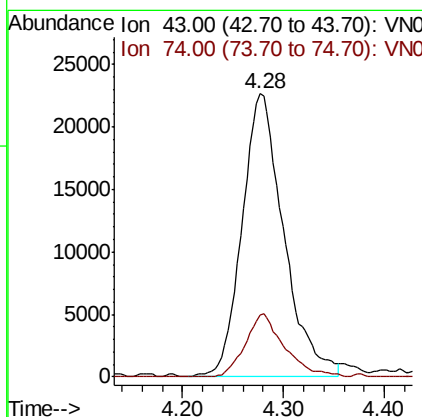
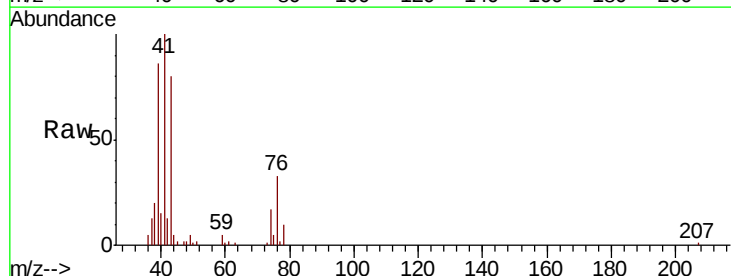
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tot Ion: 76 Resp: 117310
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4



#18
Methyl Acetate
Concen: 19.785 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion: 43 Resp: 65019
Ion Ratio Lower Upper
43 100
74 20.9 17.4 26.2



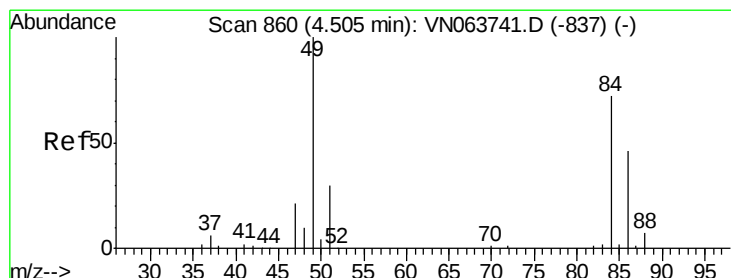
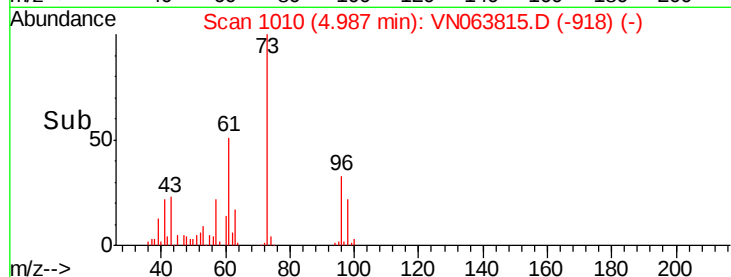
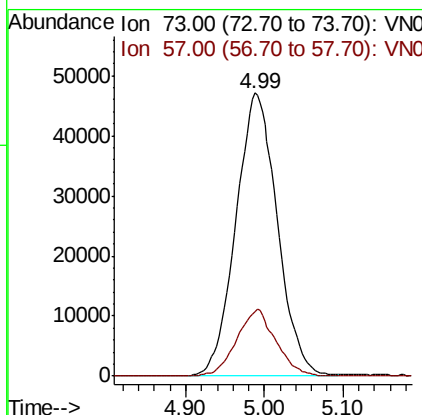
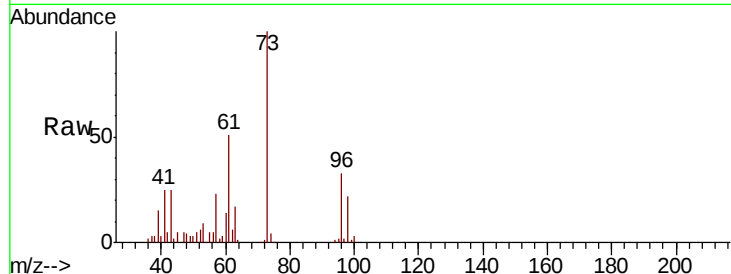


#19

Methyl tert-butyl Ether
 Concen: 19.138 ug/l
 RT: 4.99 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1002WBSD01

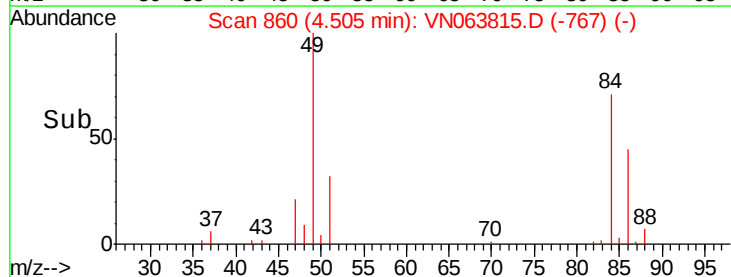
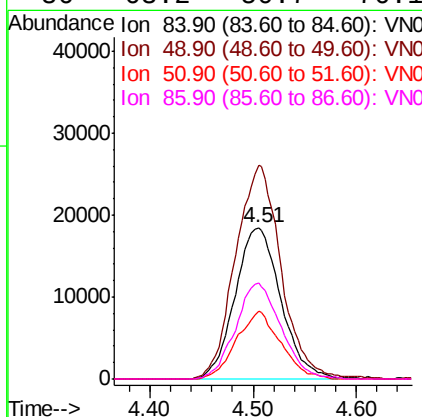
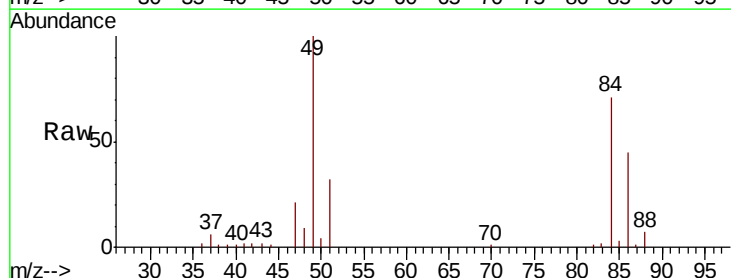
Tot Ion: 73 Resp: 174252
 Ion Ratio Lower Upper
 73 100
 57 22.9 17.6 26.4

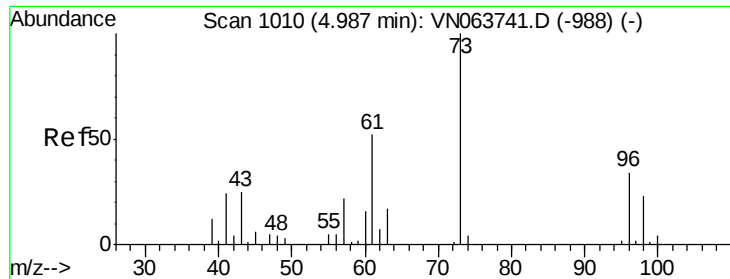


#20

Methylene Chloride
 Concen: 19.720 ug/l
 RT: 4.51 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

Tgt Ion: 84 Resp: 56998
 Ion Ratio Lower Upper
 84 100
 49 140.9 110.4 165.6
 51 44.7 33.3 49.9
 86 63.2 50.7 76.1

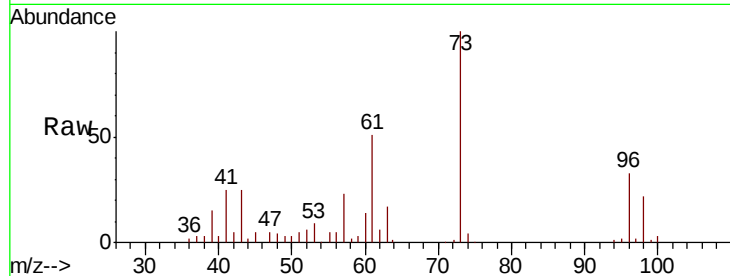




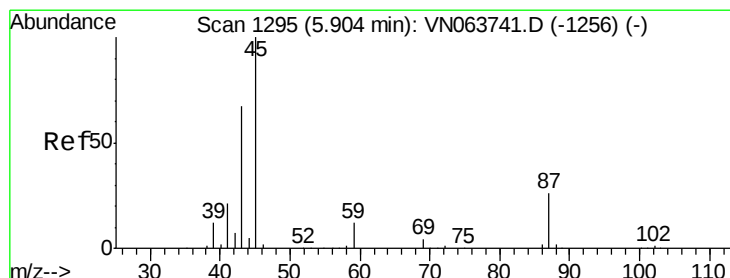
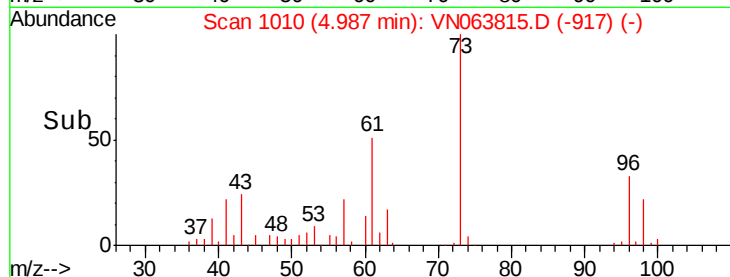
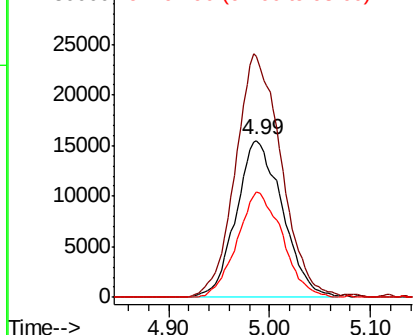
#21
trans-1,2-Dichloroethene
Concen: 17.565 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tot Ion: 96 Resp: 49308
Ion Ratio Lower Upper
96 100
61 153.8 120.2 180.2
98 67.1 52.6 79.0

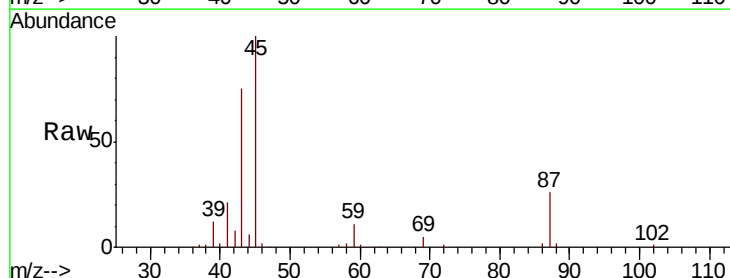


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

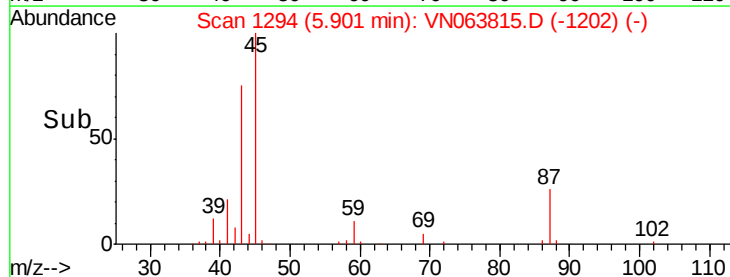
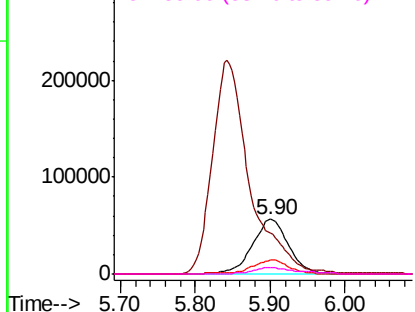


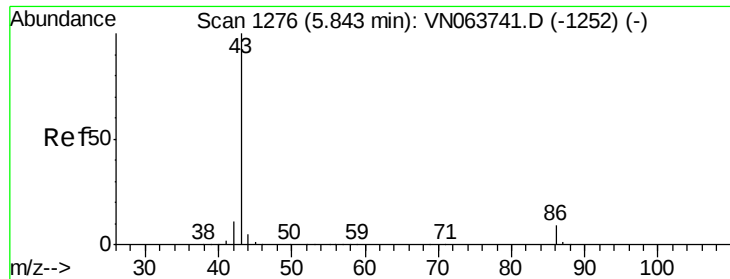
#22
Diisopropyl ether
Concen: 19.814 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion: 45 Resp: 189802
Ion Ratio Lower Upper
45 100
43 71.9 53.7 80.5
87 25.6 21.1 31.7
59 11.0 9.2 13.8



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

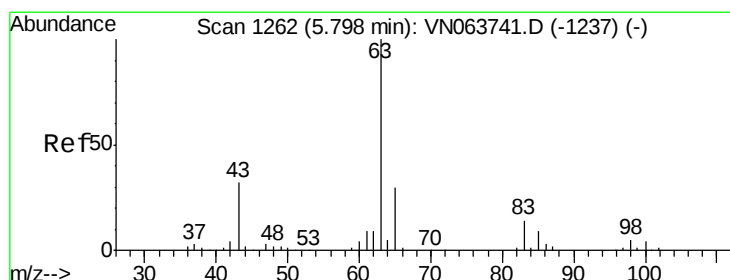
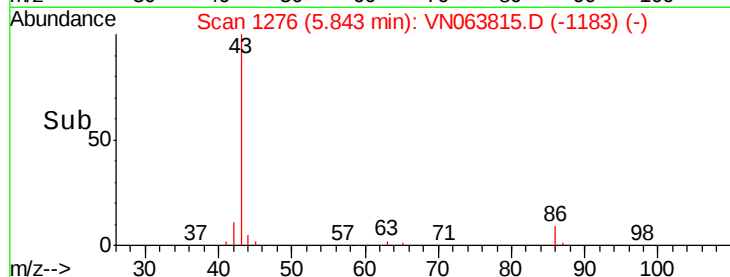
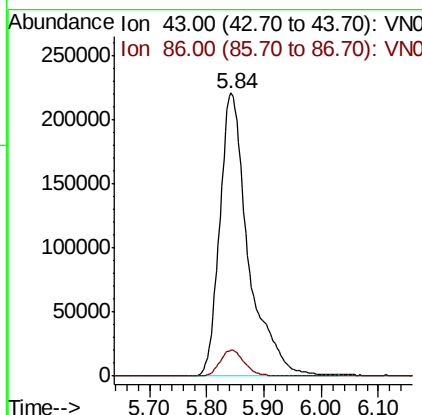
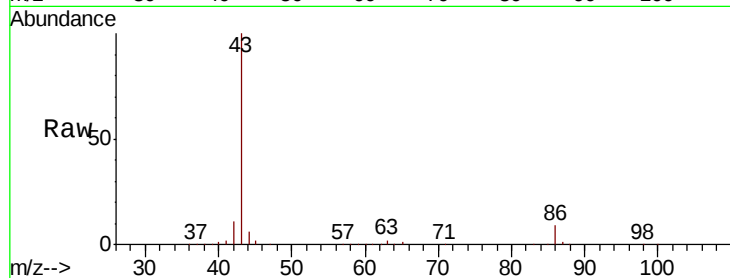




#23
 Vinyl Acetate
 Concen: 96.761 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

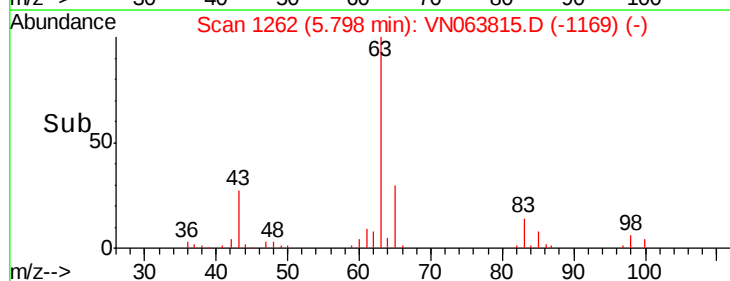
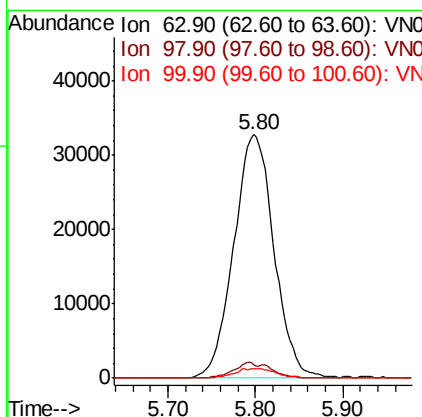
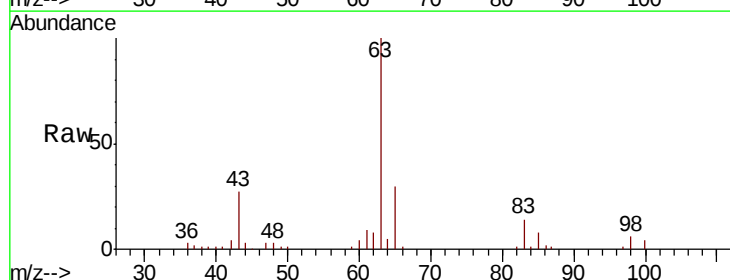
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBSD01

Tot Ion: 43 Resp: 767817
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 19.094 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

Tgt Ion: 63 Resp: 104581
 Ion Ratio Lower Upper
 63 100
 98 5.5 2.7 8.1
 100 3.6 1.9 5.7

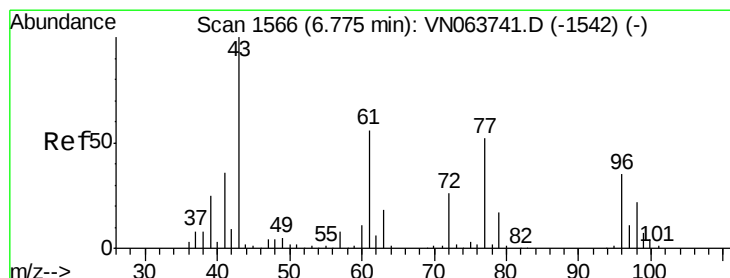
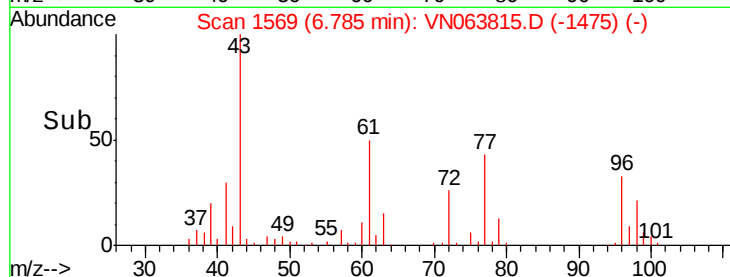
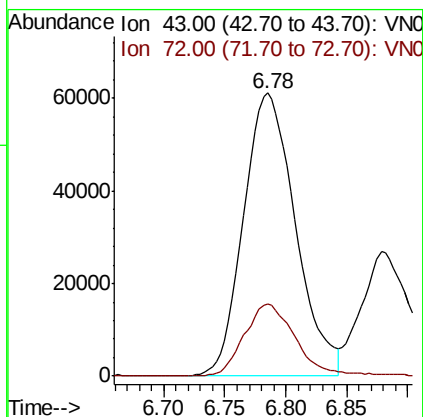
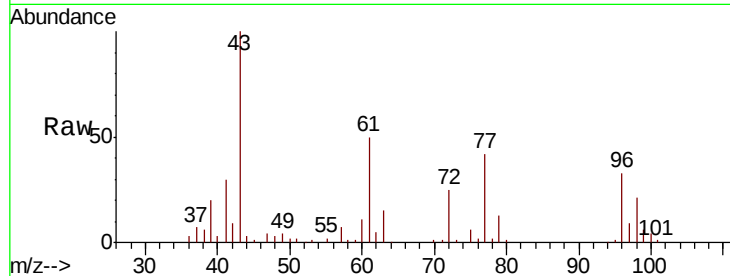




#25
2-Butanone
Concen: 100.077 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

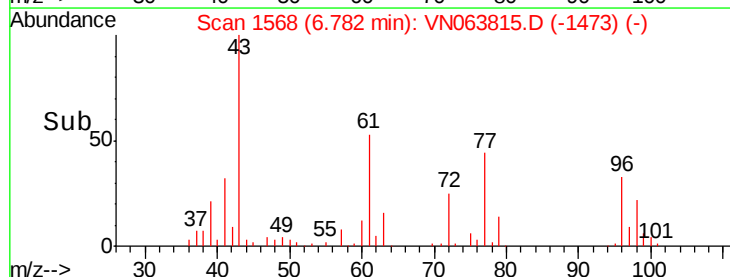
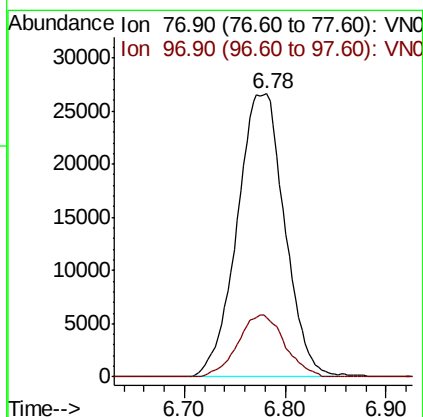
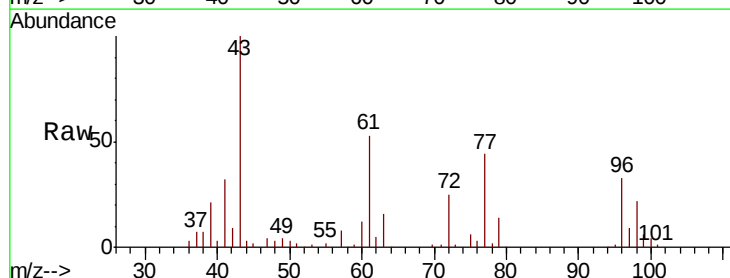
Instrument :
MSVOA_N
ClientSampled :
VN1002WBSD01

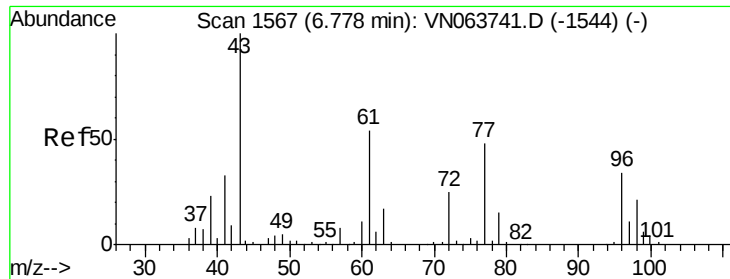
Tot Ion: 43 Resp: 179583
Ion Ratio Lower Upper
43 100
72 25.5 19.3 28.9



#26
2,2-Dichloropropane
Concen: 17.345 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion: 77 Resp: 87002
Ion Ratio Lower Upper
77 100
97 21.5 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.069 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBSD01

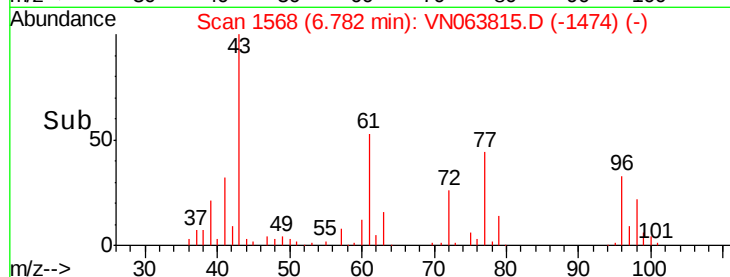
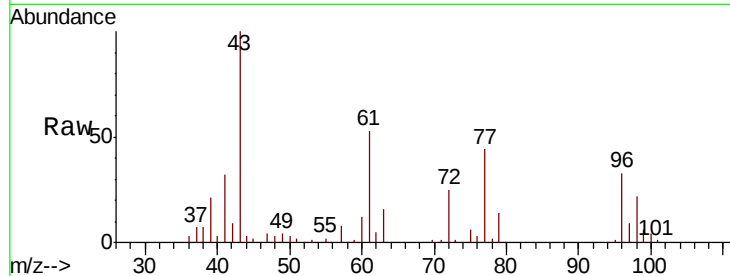
Tot Ion: 96 Resp: 58334

Ion Ratio Lower Upper

96 100

61 166.3 0.0 321.2

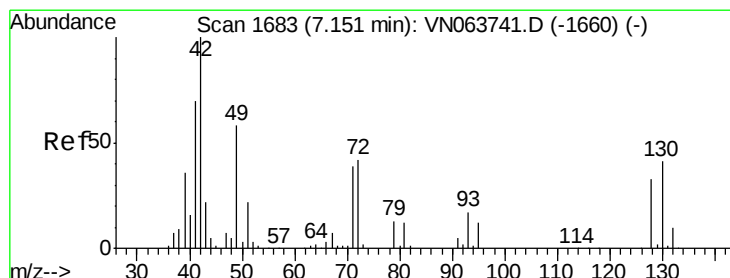
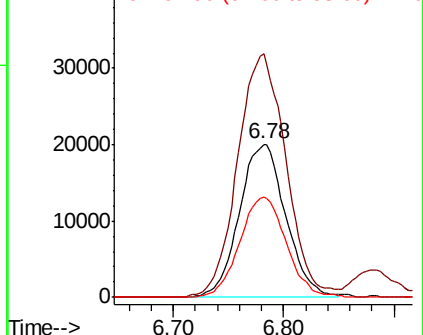
98 65.8 0.0 124.4



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: 19.977 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

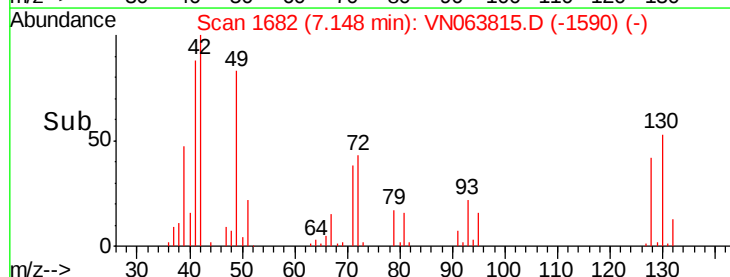
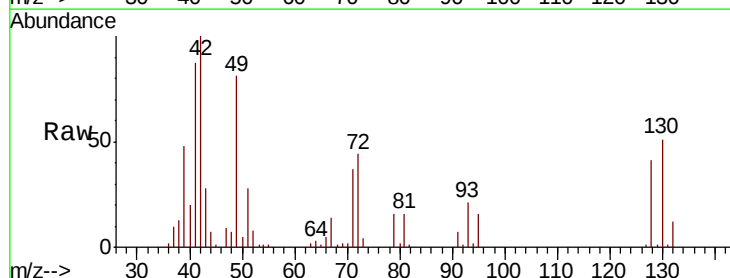
Tgt Ion: 49 Resp: 54081

Ion Ratio Lower Upper

49 100

129 1.4 0.0 4.8

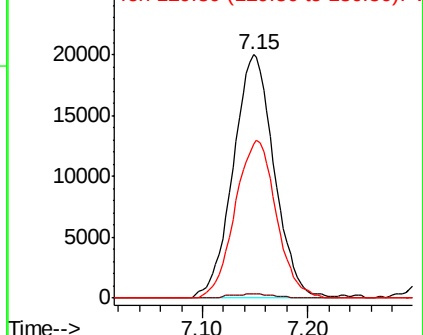
130 65.0 55.6 83.4

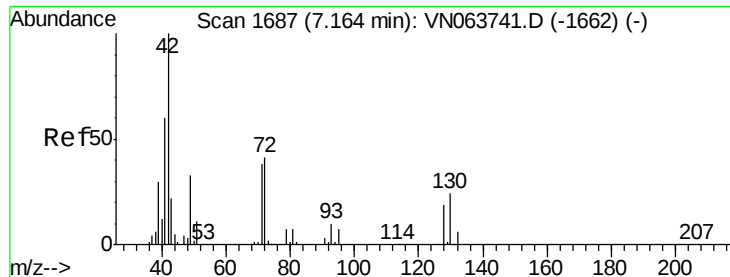


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

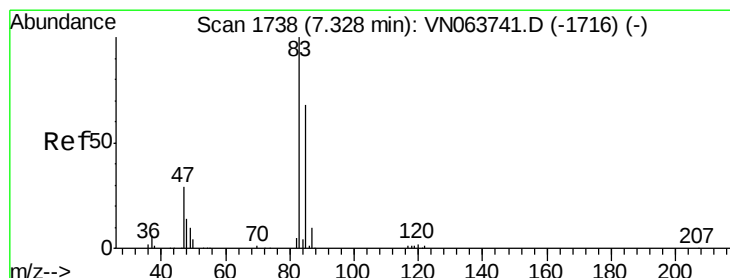
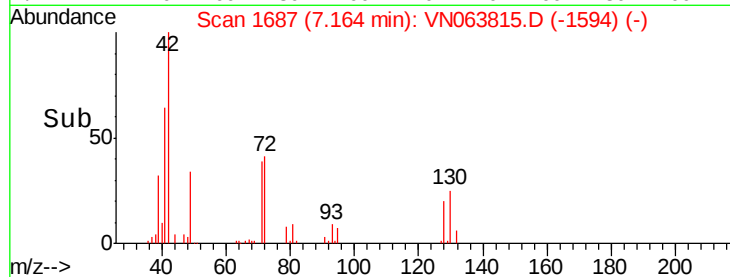
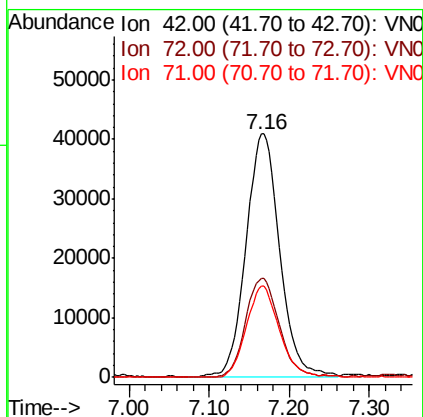
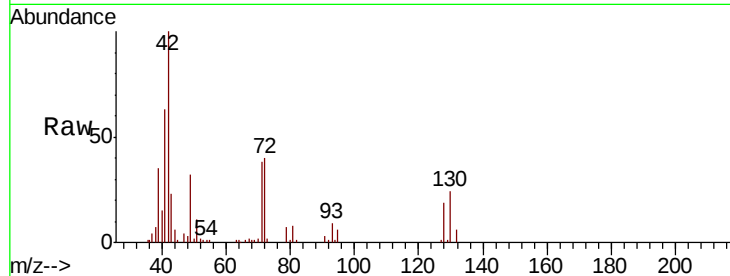




#29
Tetrahydrofuran
Concen: 97.977 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

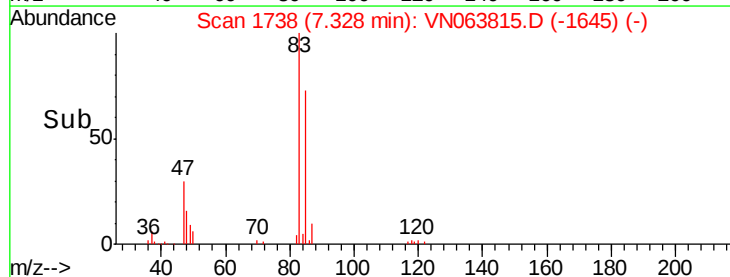
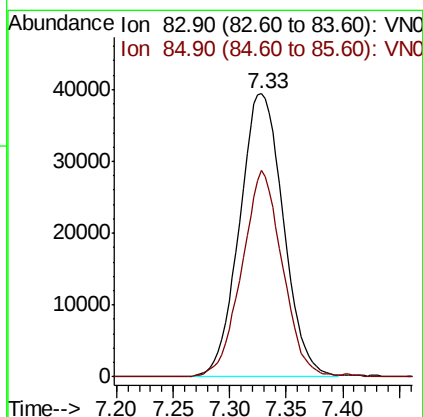
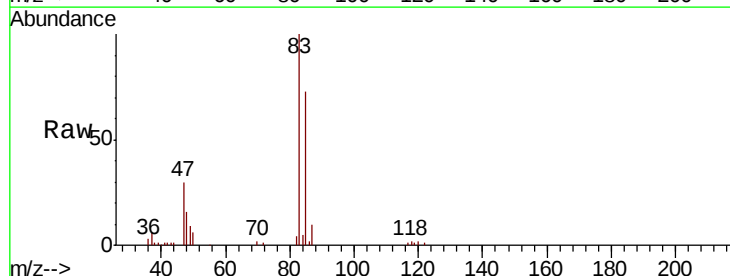
Instrument :
MSVOA_N
ClientSampled :
VN1002WBSD01

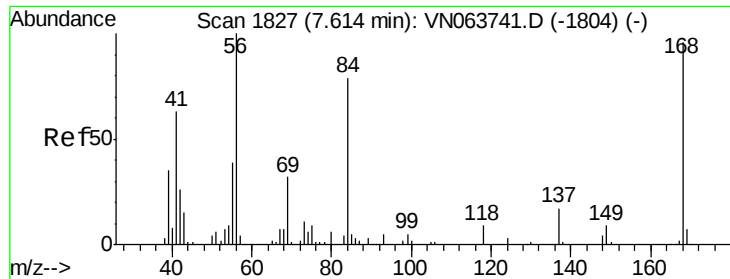
Tot Ion: 42 Resp: 117918
Ion Ratio Lower Upper
42 100
72 40.5 32.8 49.2
71 36.3 30.6 45.8



#30
Chloroform
Concen: 18.605 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion: 83 Resp: 106250
Ion Ratio Lower Upper
83 100
85 72.8 54.6 82.0

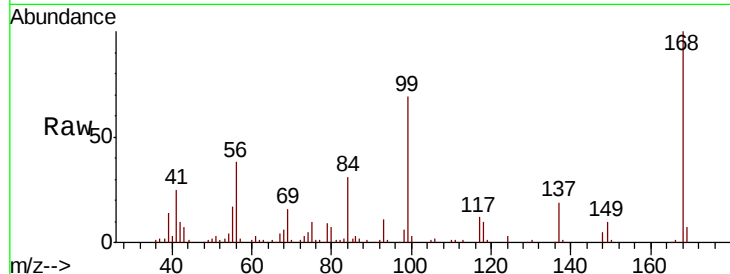




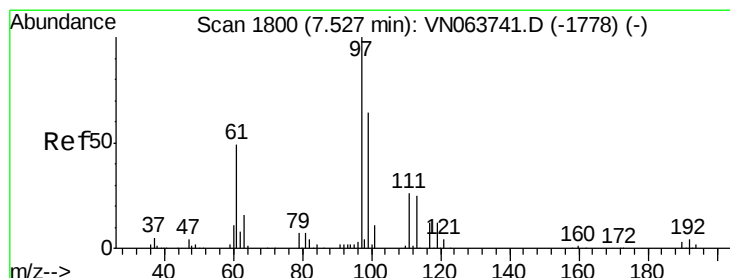
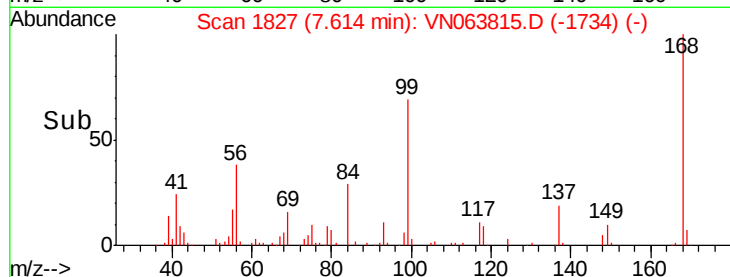
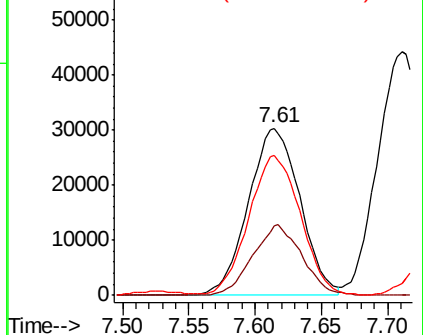
#31
Cyclohexane
Concen: 17.315 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tot Ion: 56 Resp: 82650
Ion Ratio Lower Upper
56 100
69 41.7 25.4 38.2#
84 82.4 63.3 94.9

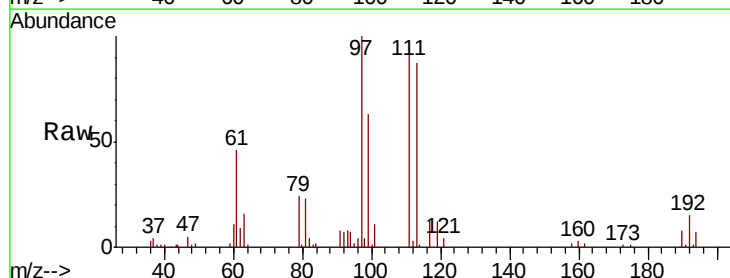


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

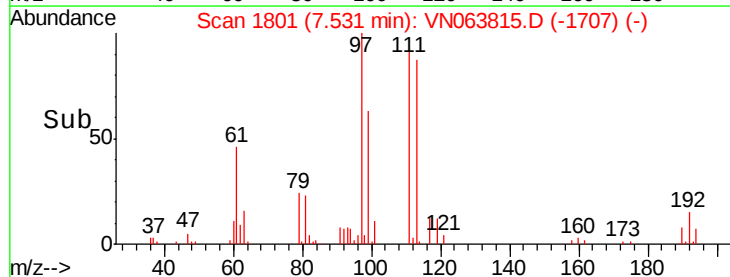
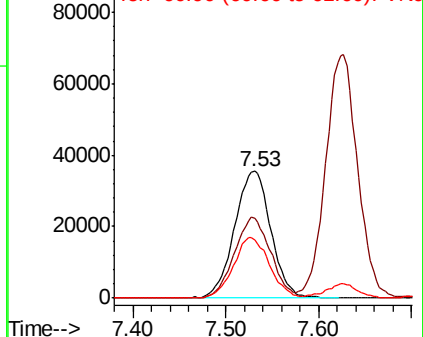


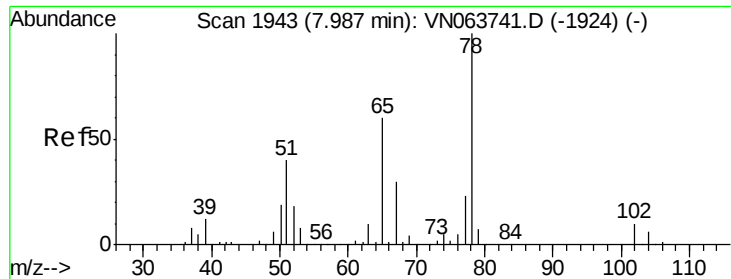
#32
1,1,1-Trichloroethane
Concen: 18.748 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion: 97 Resp: 96575
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.6
61 47.2 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

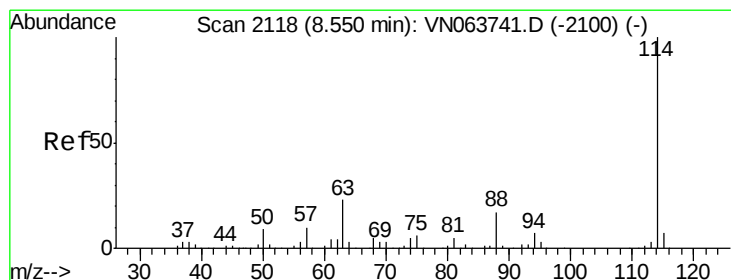
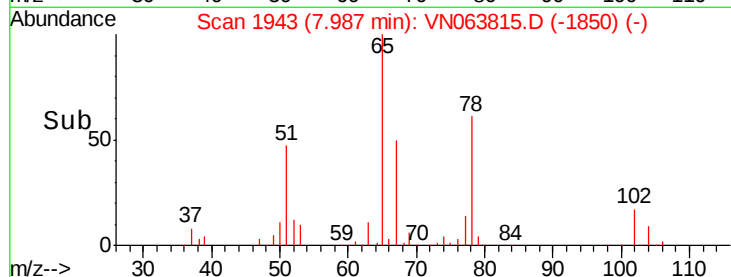
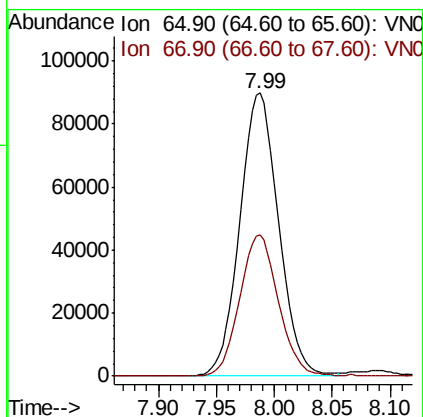
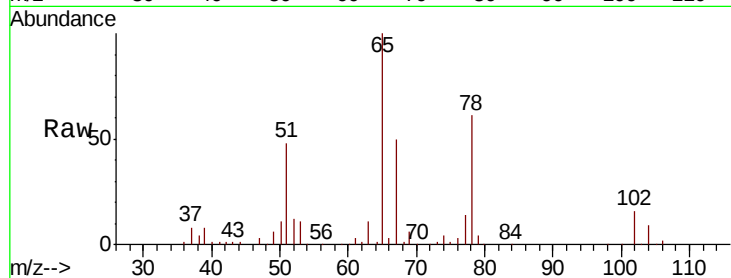




#33
 1,2-Dichloroethane-d4
 Concen: 50.898 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

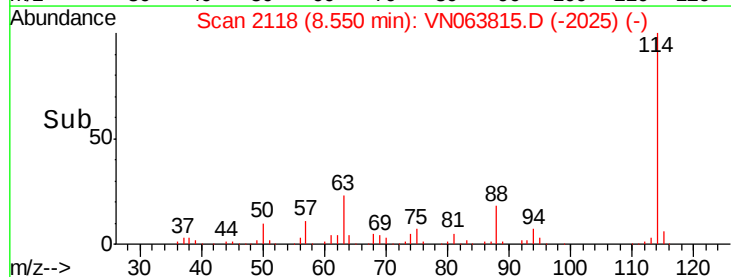
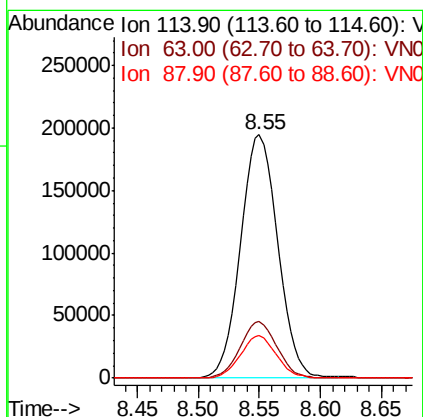
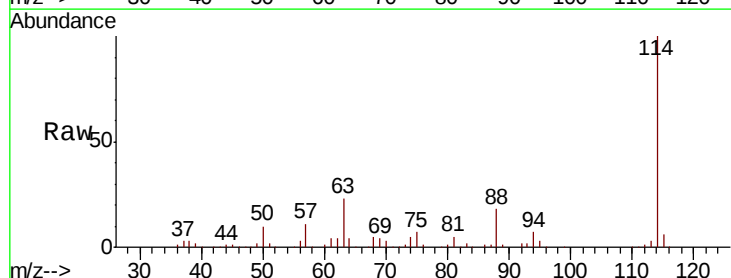
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBSD01

Tot Ion: 65 Resp: 209273
 Ion Ratio Lower Upper
 65 100
 67 49.7 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: VN063815.D
 Acq: 2 Oct 2020 12:45

Tgt Ion: 114 Resp: 410609
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.0
 88 17.6 0.0 34.0

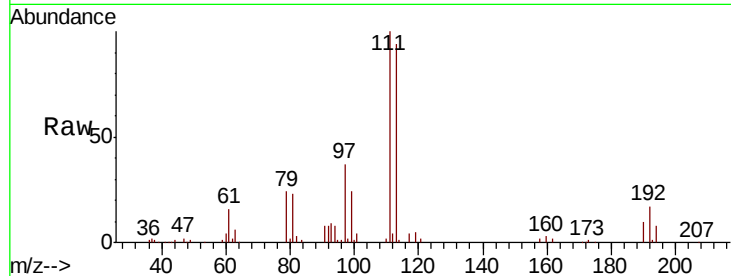




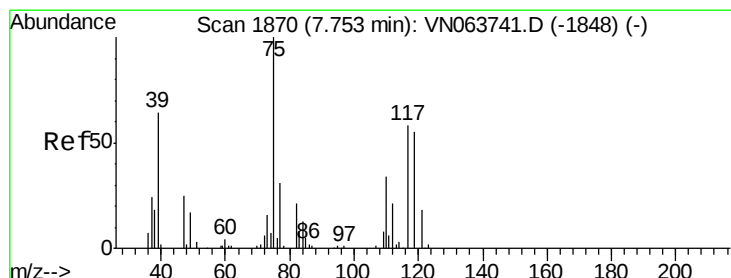
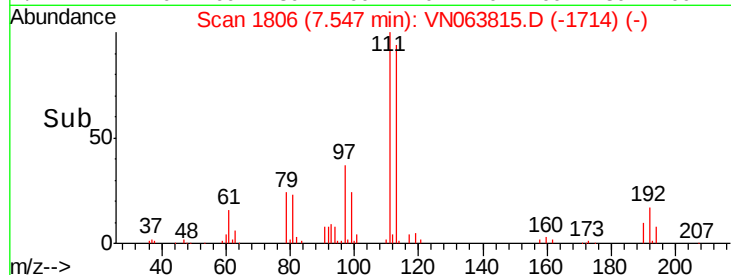
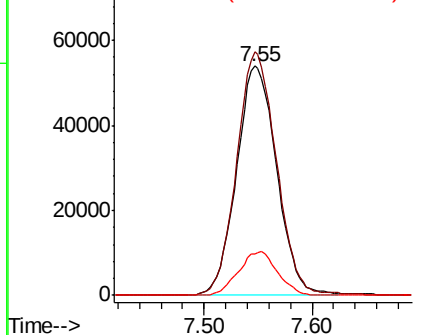
#35
 Dibromofluoromethane
 Concen: 49.062 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBSD01

Tot Ion:113 Resp: 139784
 Ion Ratio Lower Upper
 113 100
 111 105.1 81.8 122.8
 192 18.4 14.2 21.2

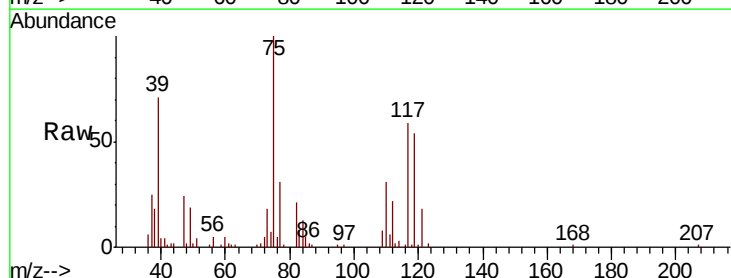


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

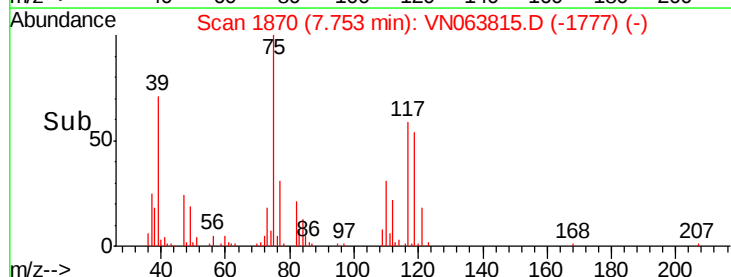
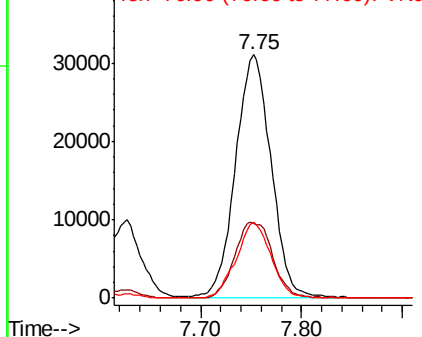


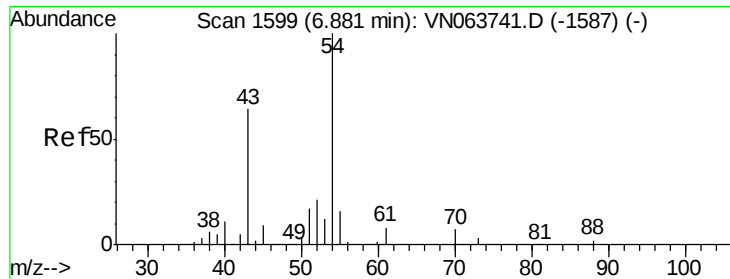
#36
 1,1-Dichloropropene
 Concen: 18.325 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

Tgt Ion: 75 Resp: 76228
 Ion Ratio Lower Upper
 75 100
 110 32.9 16.9 50.6
 77 30.1 24.5 36.7



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

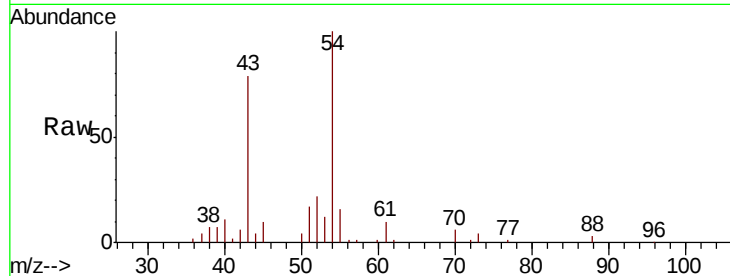




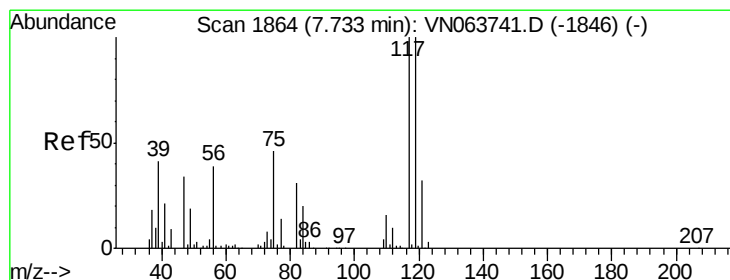
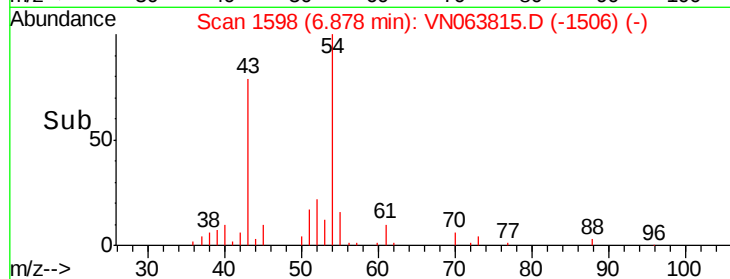
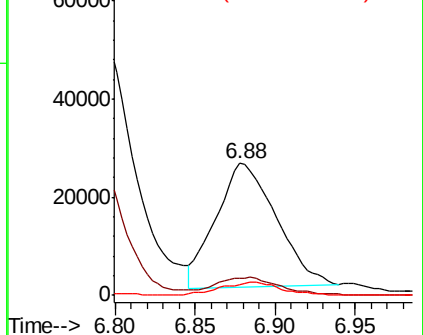
#37
Ethyl Acetate
Concen: 15.753 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tot Ion: 43 Resp: 65106
Ion Ratio Lower Upper
43 100
61 15.5 10.4 15.6
70 10.4 7.3 10.9

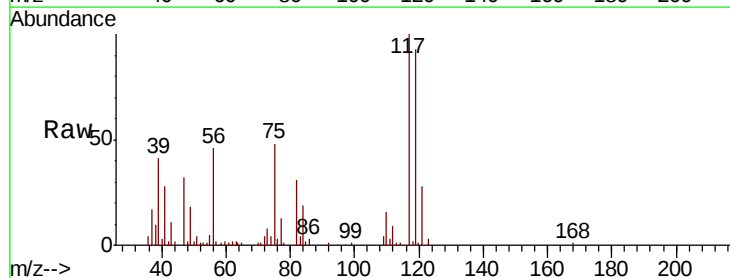


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

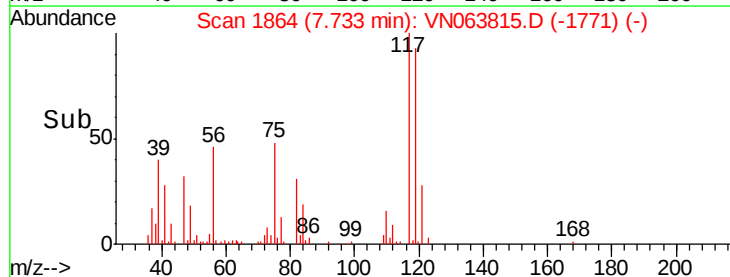
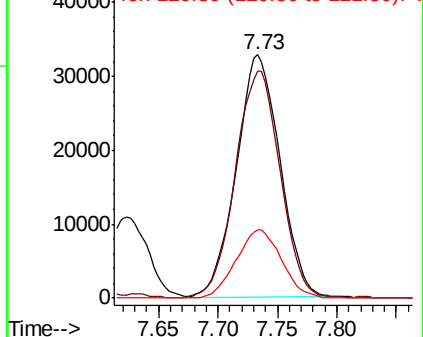


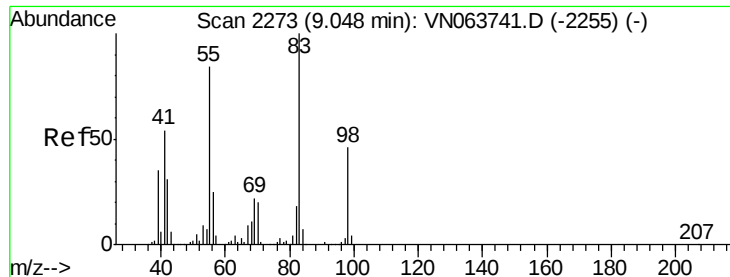
#38
Carbon Tetrachloride
Concen: 17.819 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion: 117 Resp: 83121
Ion Ratio Lower Upper
117 100
119 92.9 80.1 120.1
121 28.1 25.7 38.5



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

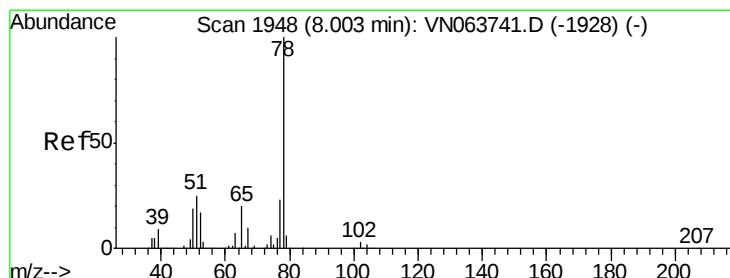
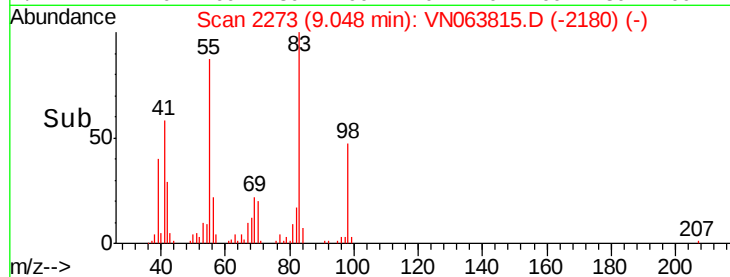
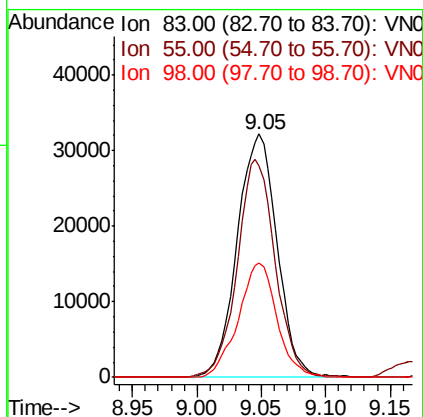
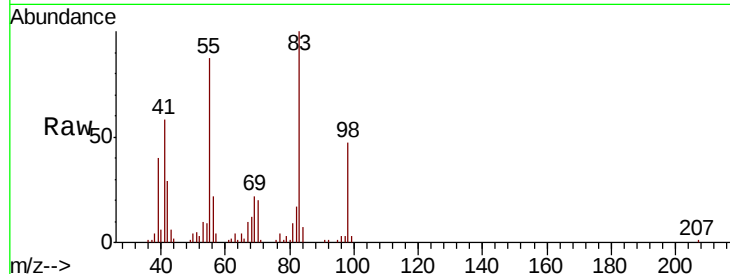




#39
Methvlcvclohexane
Concen: 16.666 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

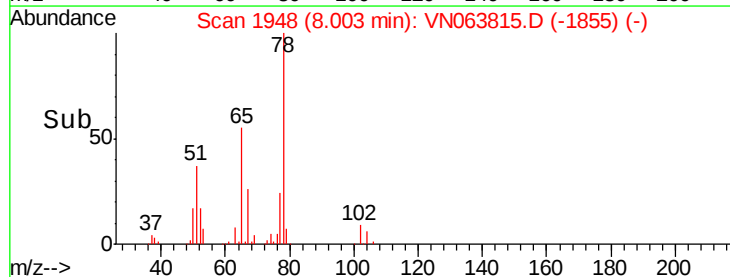
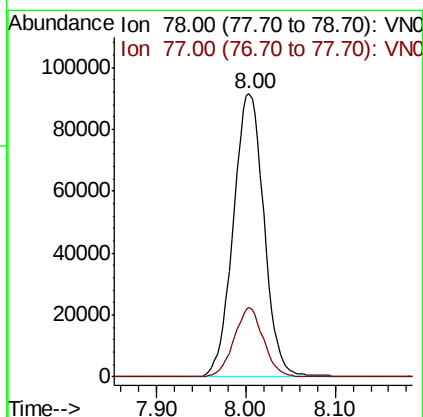
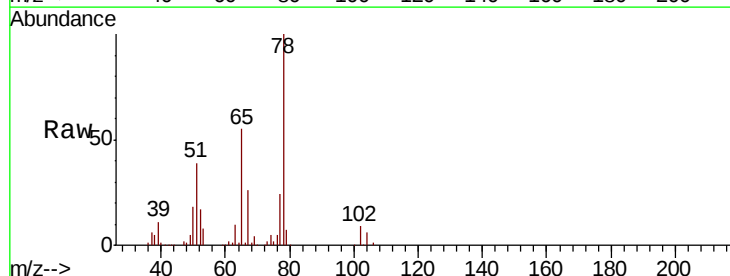
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

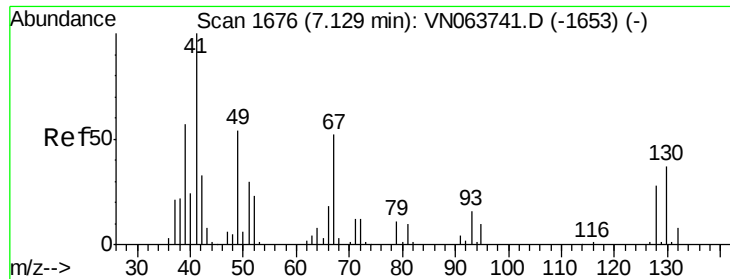
Tot Ion: 83 Resp: 69137
Ion Ratio Lower Upper
83 100
55 86.8 67.1 100.7
98 47.2 36.6 54.8



#40
Benzene
Concen: 18.418 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion: 78 Resp: 218830
Ion Ratio Lower Upper
78 100
77 24.4 18.7 28.1

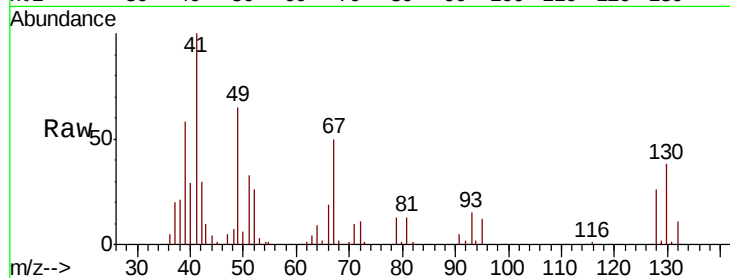




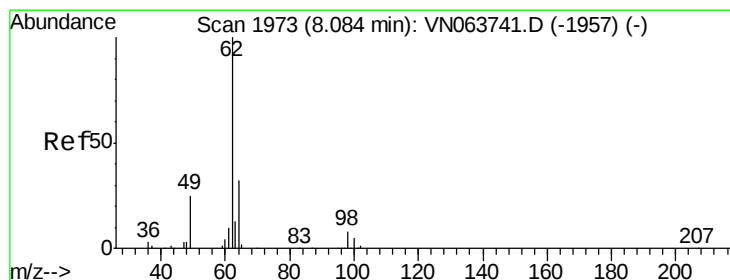
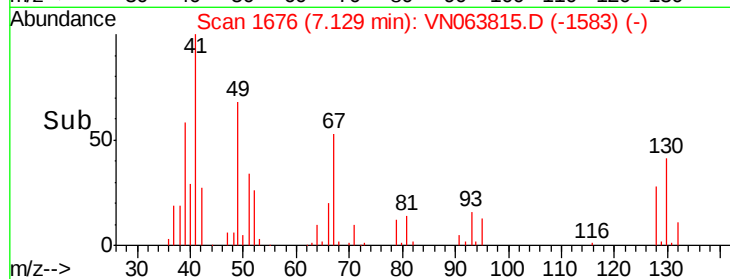
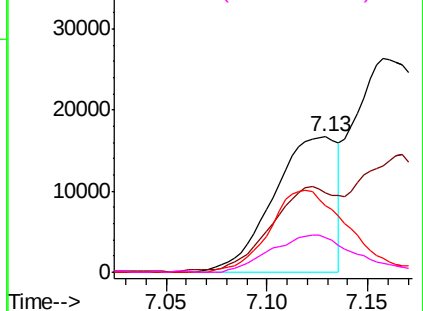
#41
Methacrylonitrile
Concen: 20.023 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tot Ion: 41 Resp: 36778
Ion Ratio Lower Upper
41 100
39 64.8 42.5 63.7#
67 76.2 57.4 86.2
52 36.5 26.9 40.3

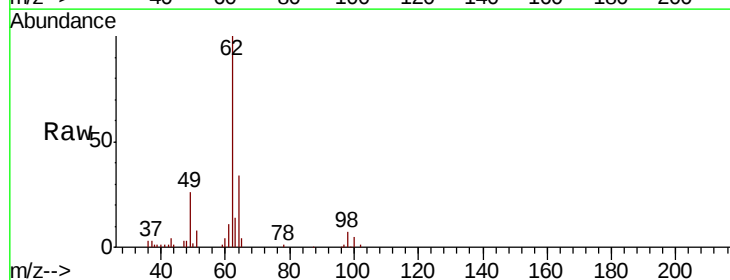


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

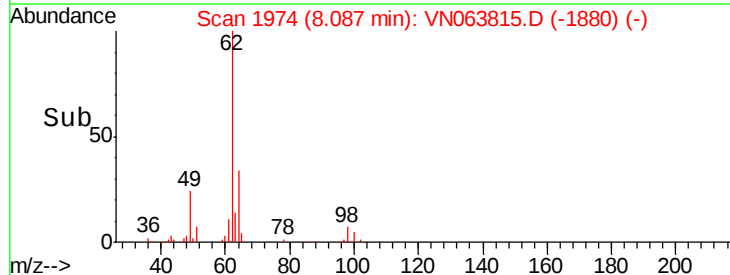
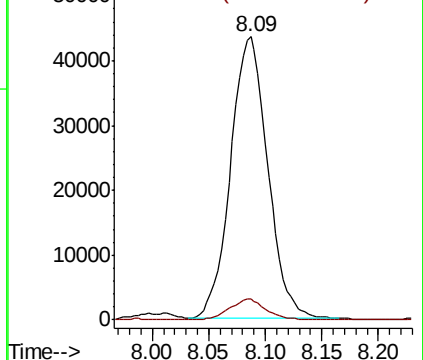


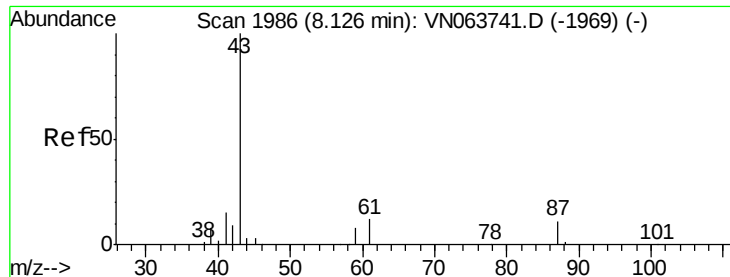
#42
1,2-Dichloroethane
Concen: 19.614 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion: 62 Resp: 99481
Ion Ratio Lower Upper
62 100
98 7.1 0.0 15.0



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





#43

Isopropyl Acetate

Concen: 19.301 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBSD01

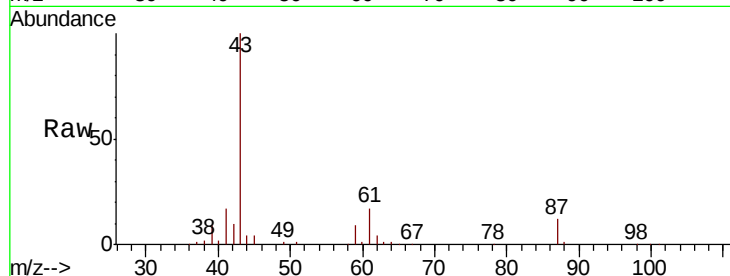
Tot Ion: 43 Resp: 131573

Ion Ratio Lower Upper

43 100

61 17.3 14.2 21.4

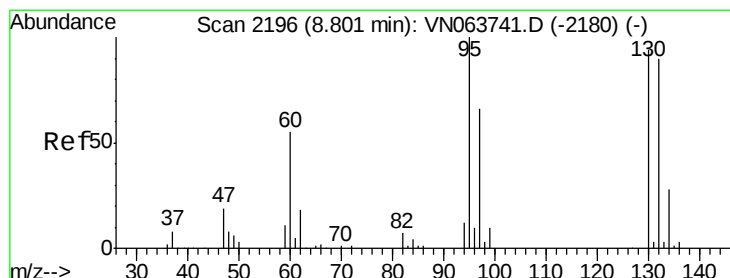
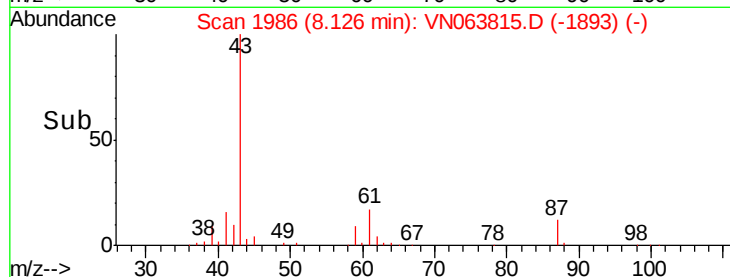
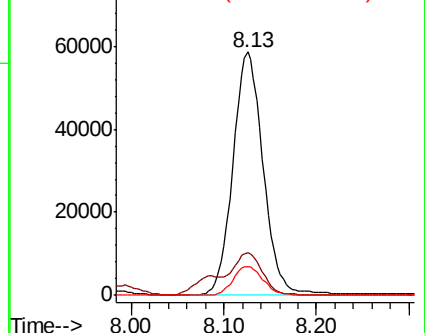
87 11.8 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063815.D (-2103) (-)

Ion 61.00 (60.70 to 61.70): VN063815.D (-2103) (-)

Ion 87.00 (86.70 to 87.70): VN063815.D (-2103) (-)



#44

Trichloroethene

Concen: 17.891 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063815.D

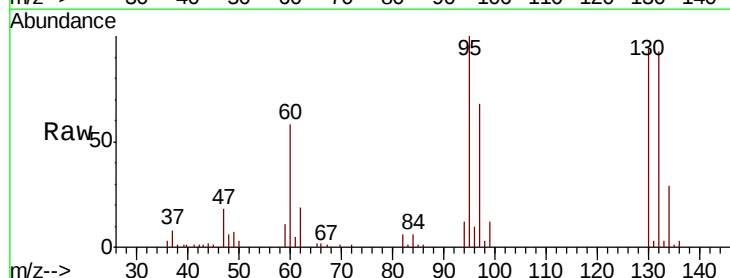
Acq: 2 Oct 2020 12:45

Tgt Ion:130 Resp: 55696

Ion Ratio Lower Upper

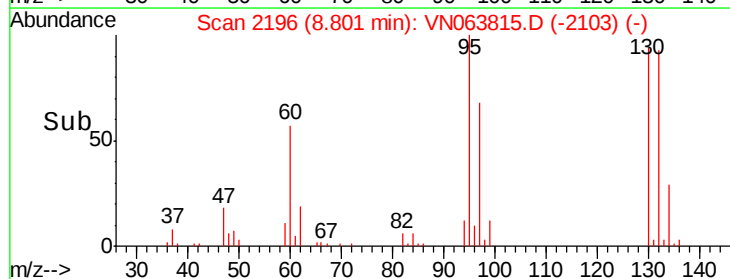
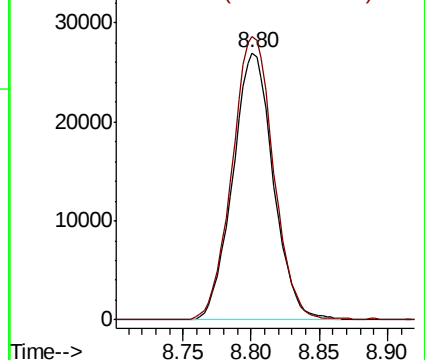
130 100

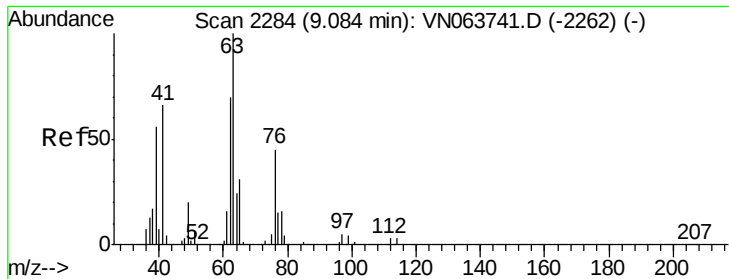
95 105.9 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): VN063815.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN063815.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 18.985 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

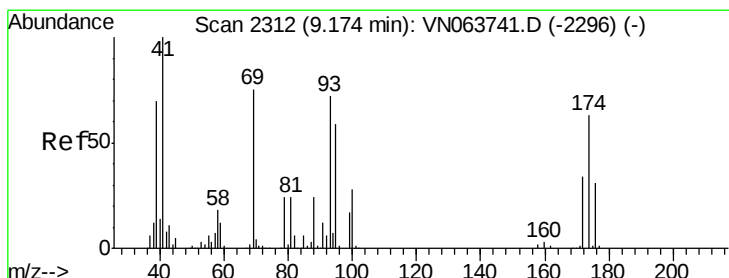
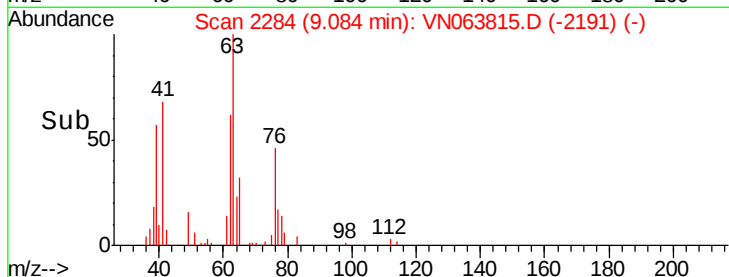
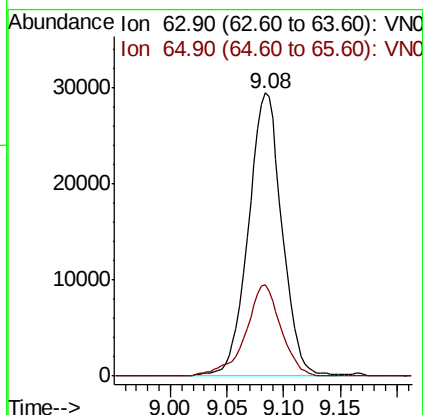
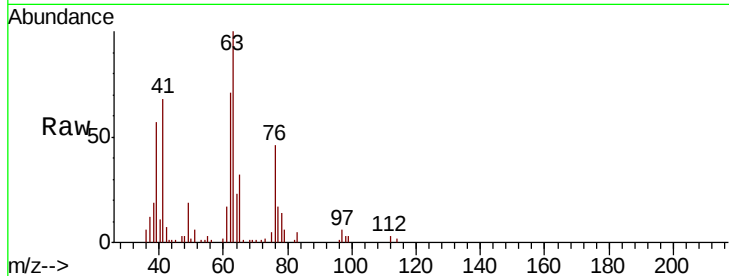
VN1002WBSD01

Tot Ion: 63 Resp: 60920

Ion Ratio Lower Upper

63 100

65 32.5 24.7 37.1



#46

Dibromomethane

Concen: 18.842 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

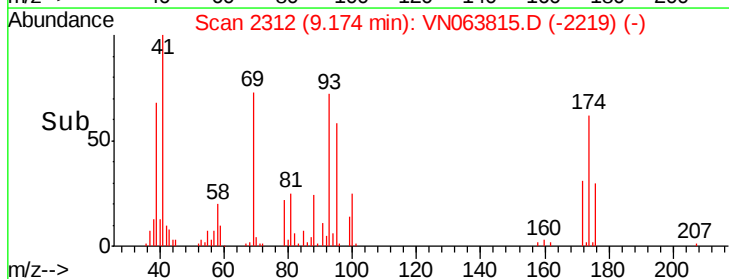
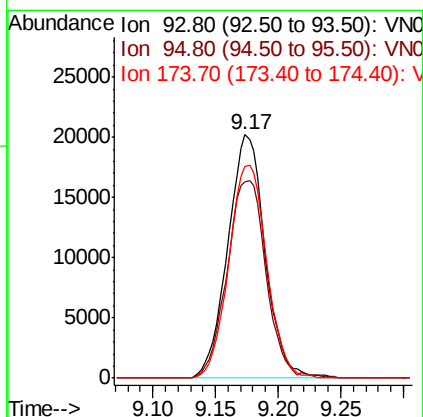
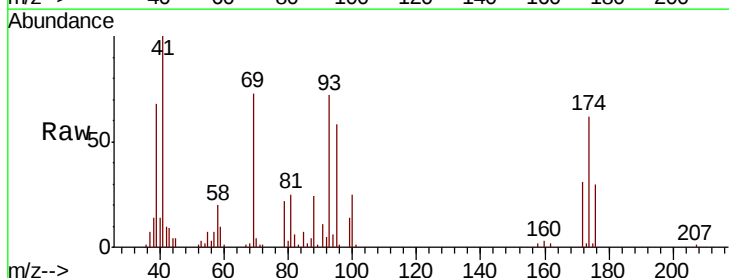
Tgt Ion: 93 Resp: 41710

Ion Ratio Lower Upper

93 100

95 85.2 66.3 99.5

174 88.9 72.7 109.1





#47

Bromodichloromethane

Concen: 19.135 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBSD01

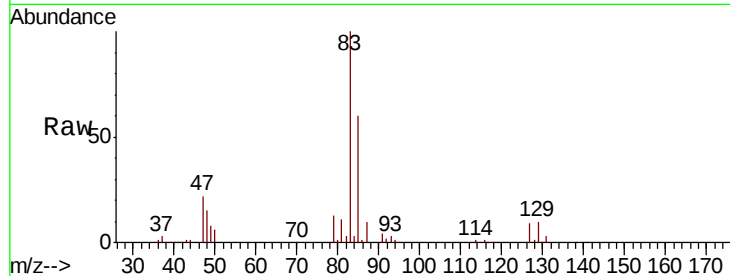
Tot Ion: 83 Resp: 87298

Ion Ratio Lower Upper

83 100

85 59.8 50.6 75.8

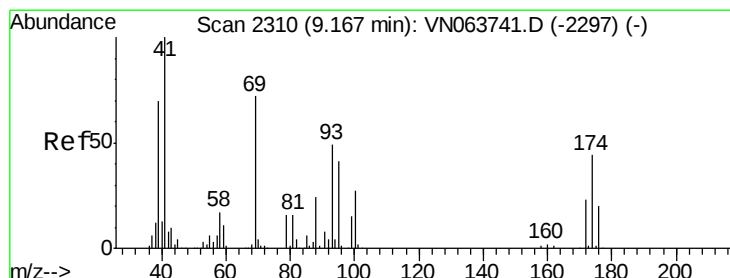
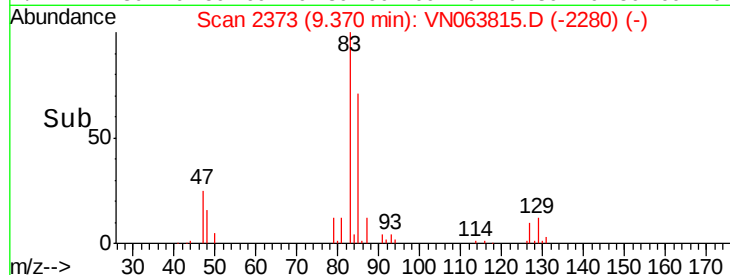
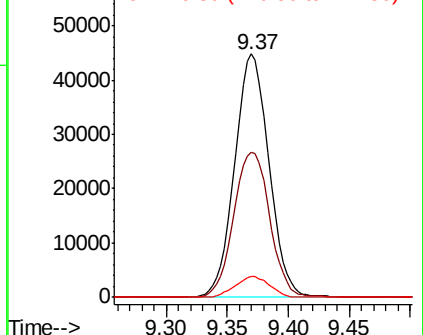
127 8.6 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 19.584 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

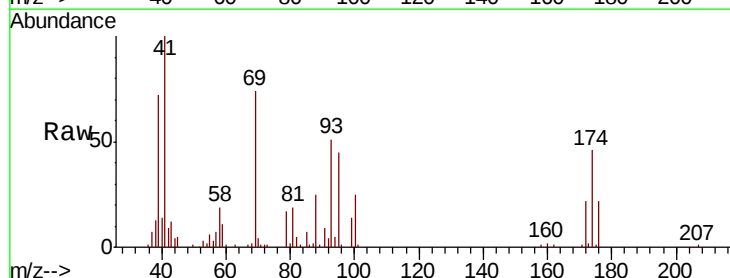
Tgt Ion: 41 Resp: 65961

Ion Ratio Lower Upper

41 100

69 71.6 60.9 91.3

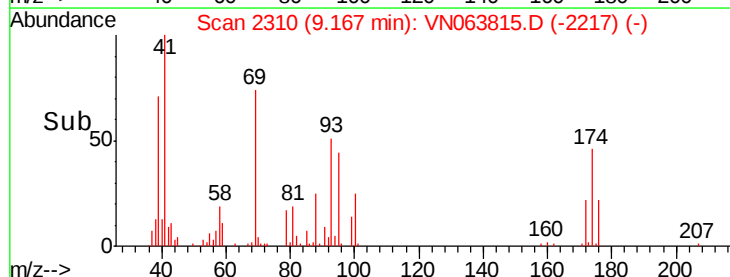
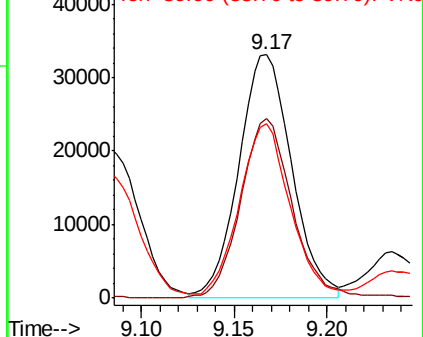
39 66.1 57.5 86.3

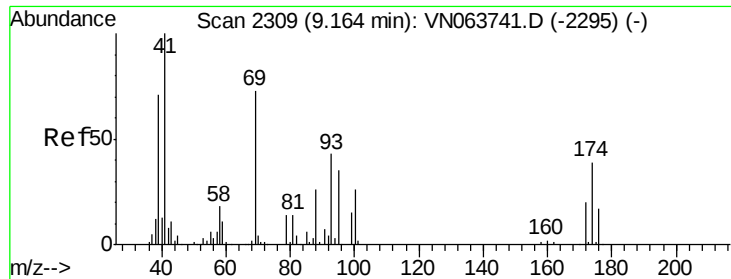


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

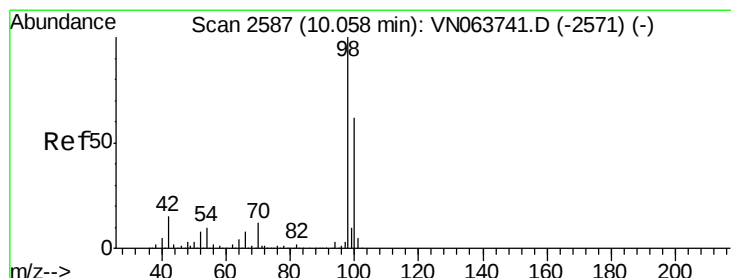
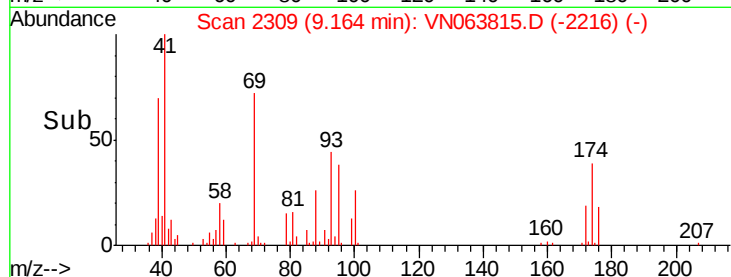
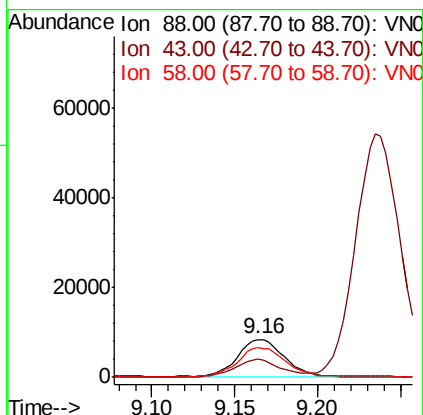
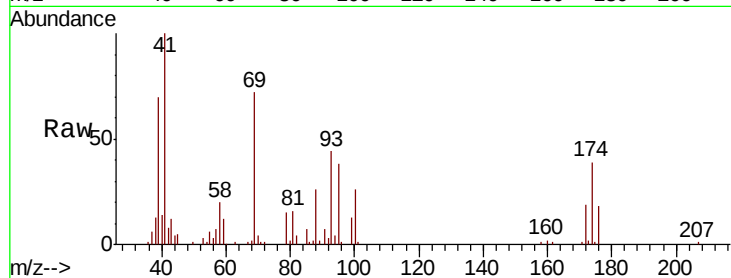




#49
 1,4-Dioxane
 Concen: 352.935 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

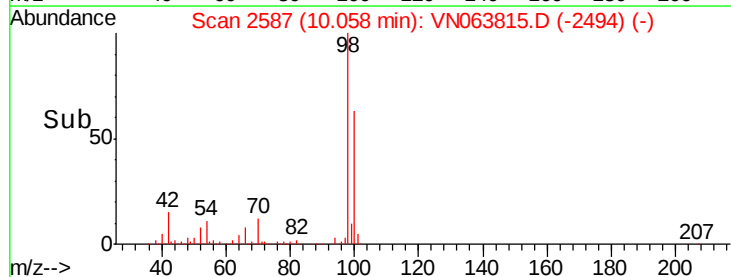
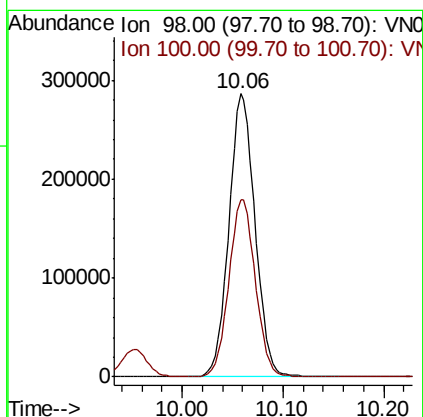
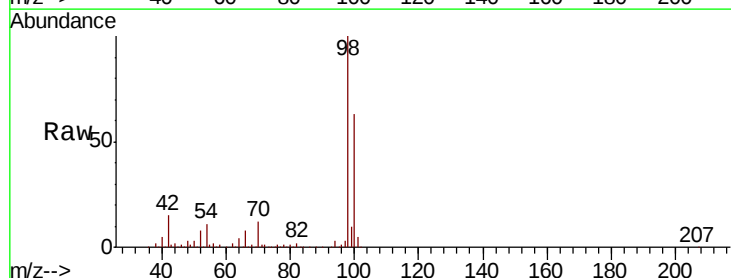
Instrument :
 MSVOA_N
 ClientSampled :
 VN1002WBSD01

Tot Ion: 88 Resp: 16894
 Ion Ratio Lower Upper
 88 100
 43 42.5 33.1 49.7
 58 80.4 58.9 88.3



#50
 Toluene-d8
 Concen: 47.869 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

Tgt Ion: 98 Resp: 517018
 Ion Ratio Lower Upper
 98 100
 100 63.5 49.8 74.6





#51

4-Methyl-2-Pentanone

Concen: 100.182 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

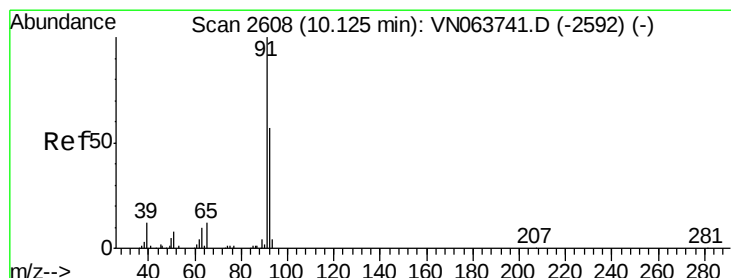
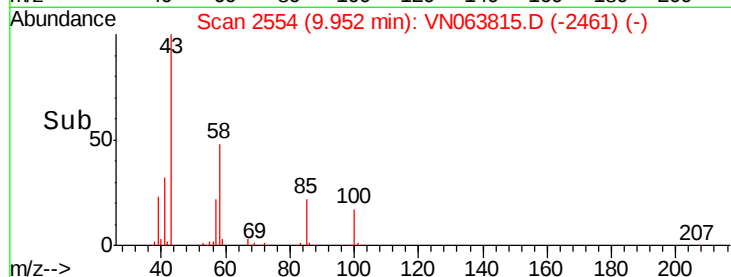
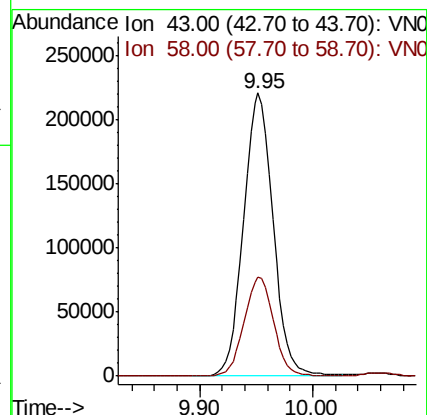
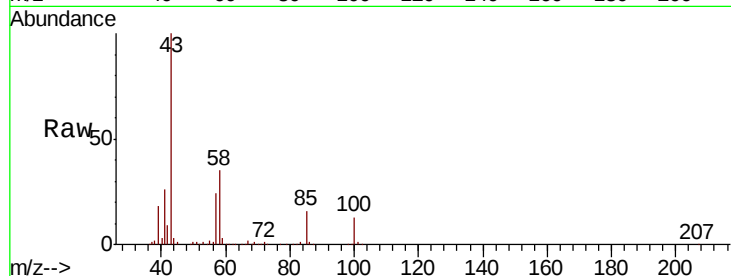
VN1002WBSD01

Tot Ion: 43 Resp: 400782

Ion Ratio Lower Upper

43 100

58 35.0 28.4 42.6



#52

Toluene

Concen: 18.629 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063815.D

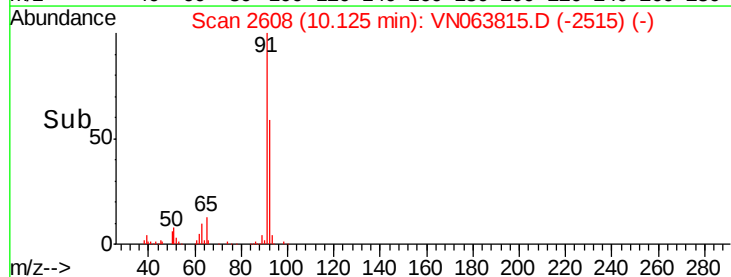
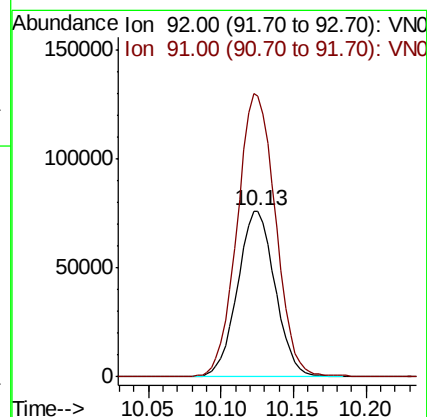
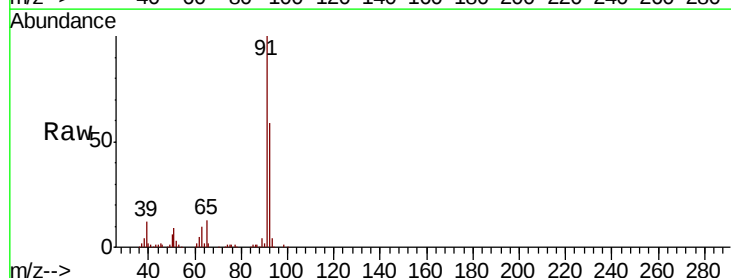
Acq: 2 Oct 2020 12:45

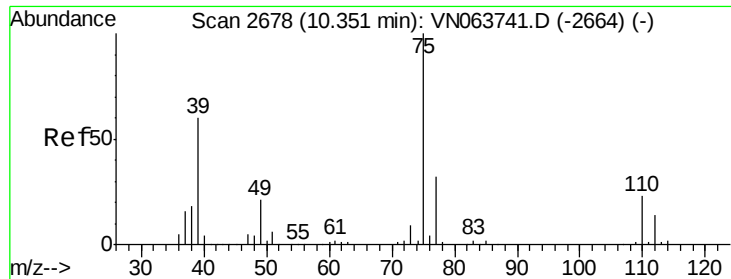
Tgt Ion: 92 Resp: 136908

Ion Ratio Lower Upper

92 100

91 175.3 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 18.634 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

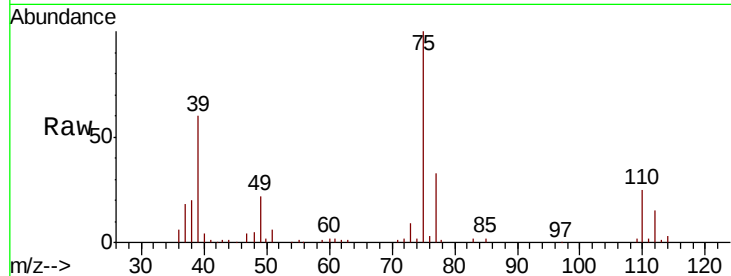
VN1002WBSD01

Tot Ion: 75 Resp: 91125

Ion Ratio Lower Upper

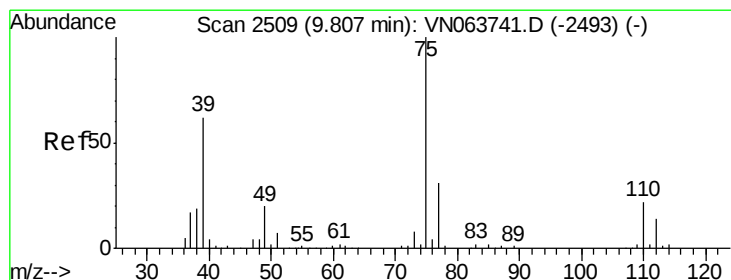
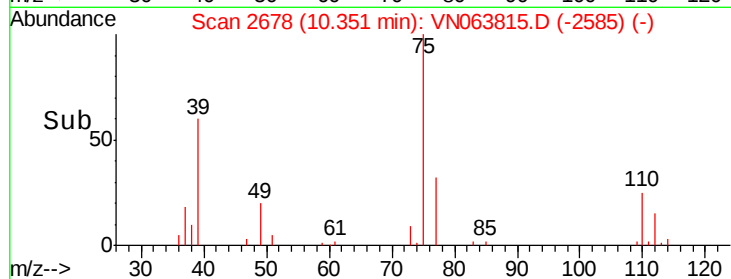
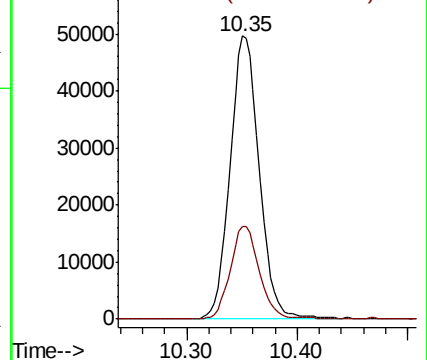
75 100

77 32.9 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.833 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

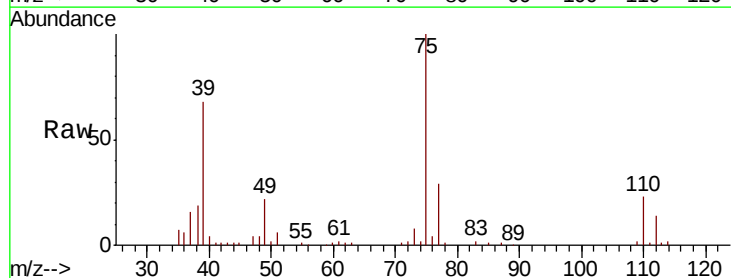
Tgt Ion: 75 Resp: 96321

Ion Ratio Lower Upper

75 100

77 29.4 24.6 36.8

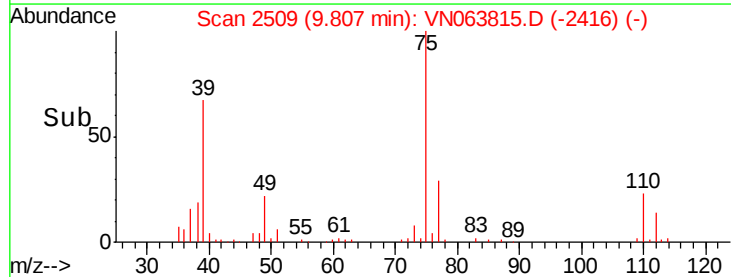
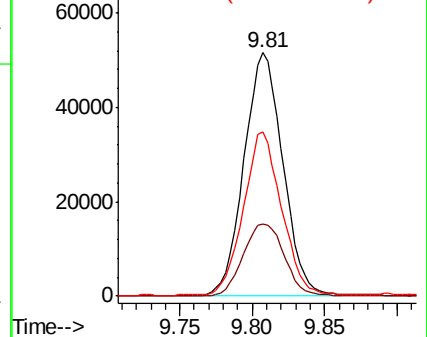
39 67.2 49.7 74.5

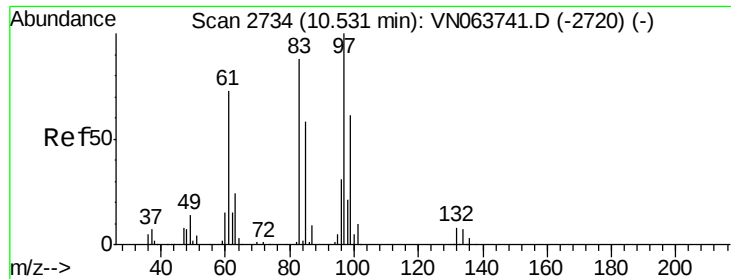


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

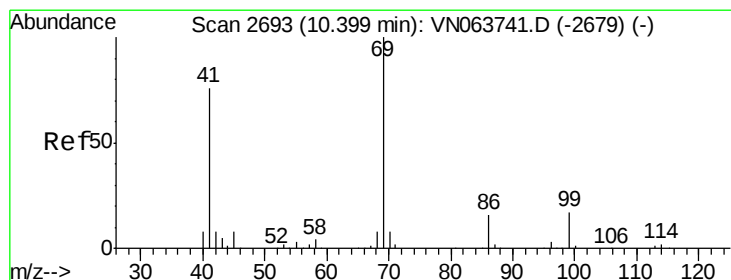
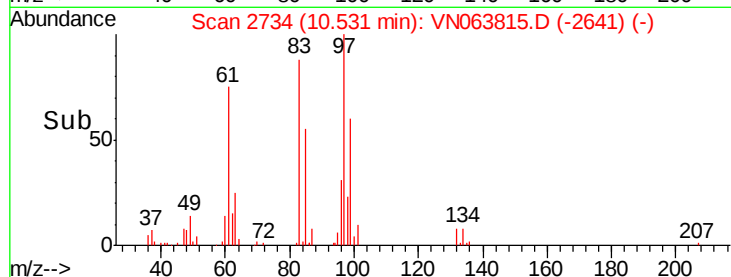
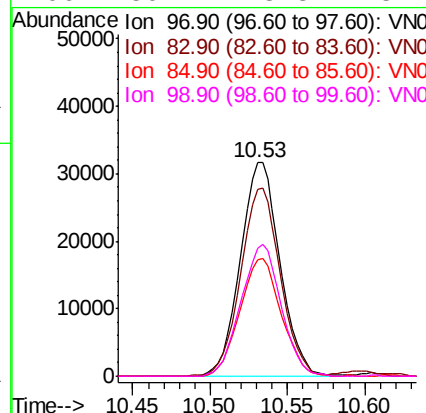
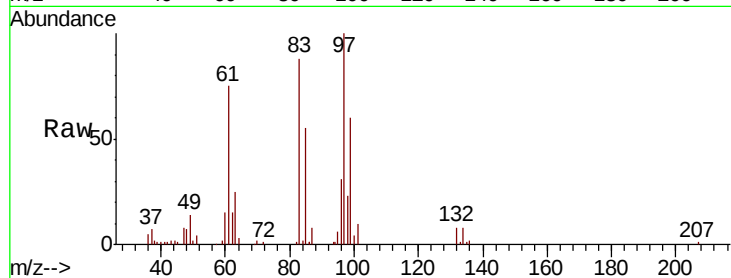




#55
 1,1,2-Trichloroethane
 Concen: 19.148 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

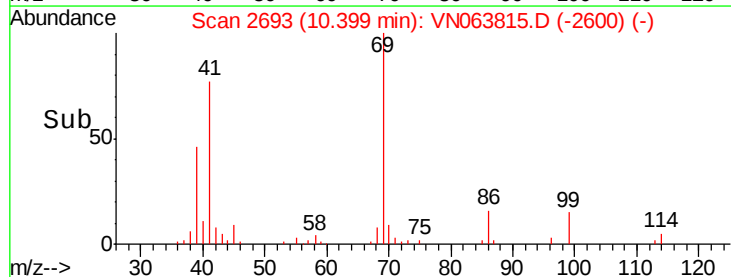
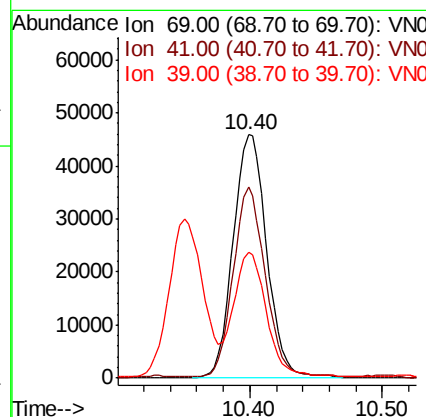
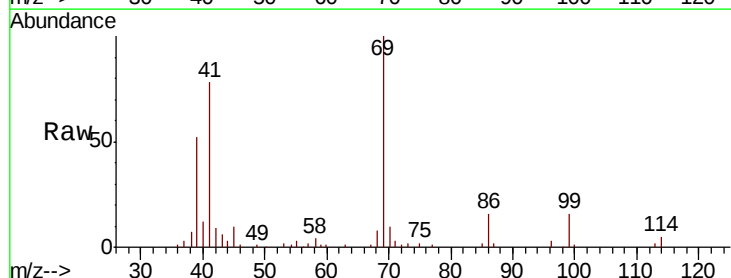
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBSD01

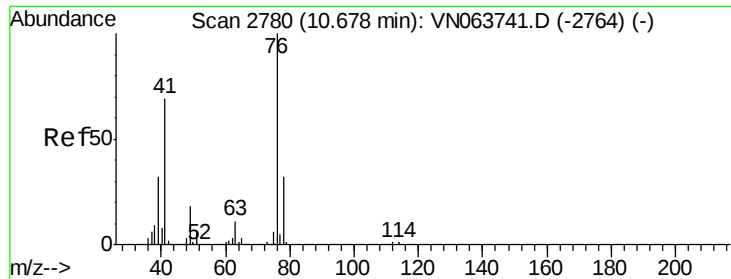
Tot Ion: 97 Resp: 56433
 Ion Ratio Lower Upper
 97 100
 83 87.2 70.7 106.1
 85 54.7 46.1 69.1
 99 59.7 48.8 73.2



#56
 Ethyl methacrylate
 Concen: 19.332 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

Tgt Ion: 69 Resp: 80763
 Ion Ratio Lower Upper
 69 100
 41 73.7 61.1 91.7
 39 51.2 42.2 63.4





#57

1,3-Dichloropropane

Concen: 19.245 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

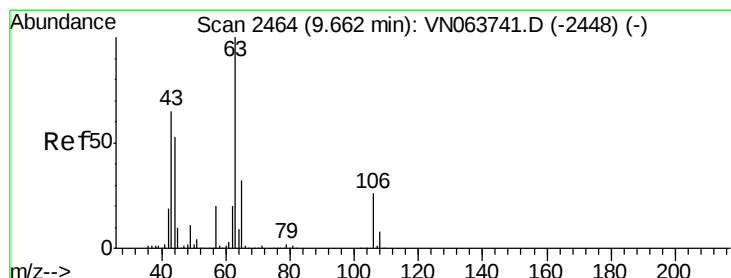
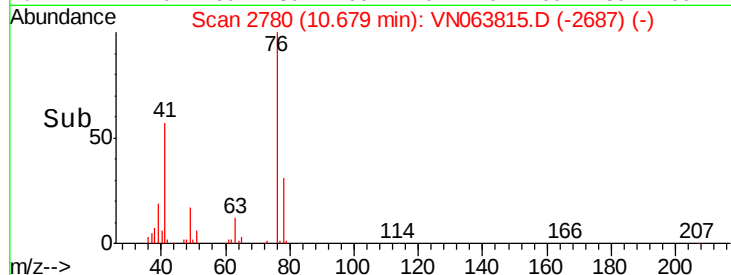
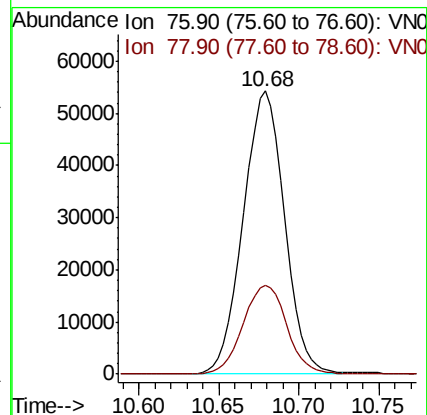
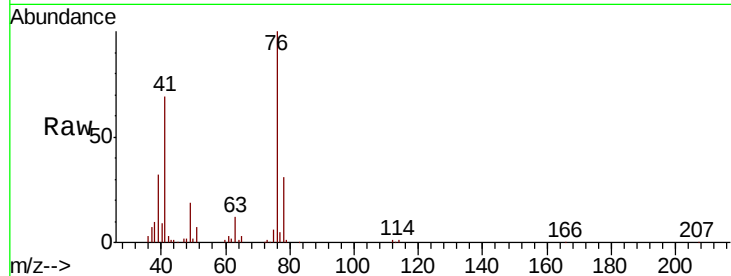
VN1002WBSD01

Tot Ion: 76 Resp: 95960

Ion Ratio Lower Upper

76 100

78 33.1 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 96.693 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063815.D

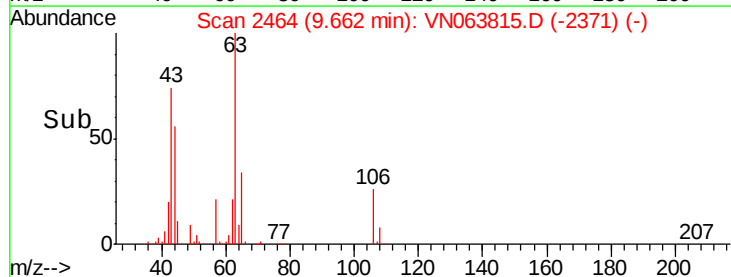
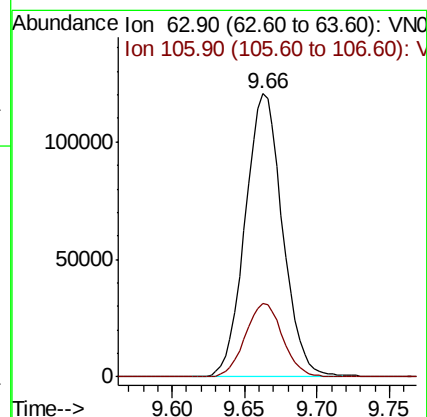
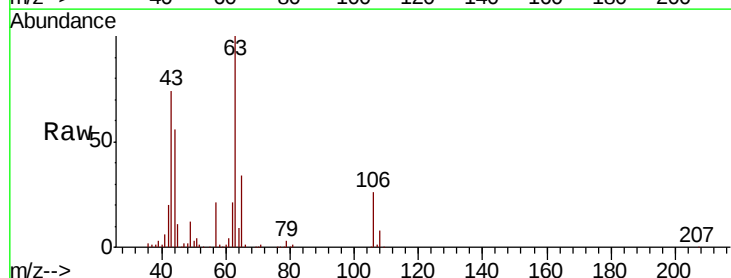
Acq: 2 Oct 2020 12:45

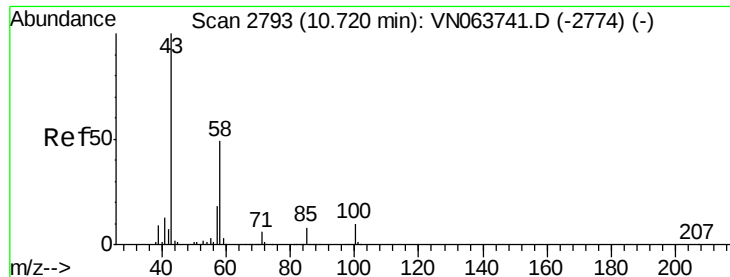
Tgt Ion: 63 Resp: 216078

Ion Ratio Lower Upper

63 100

106 26.0 20.7 31.1

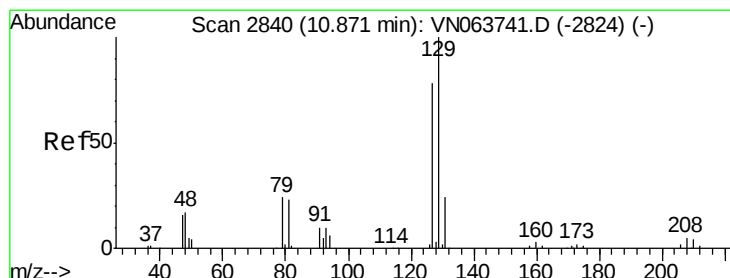
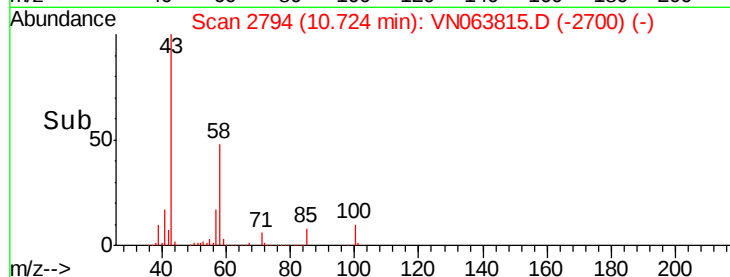
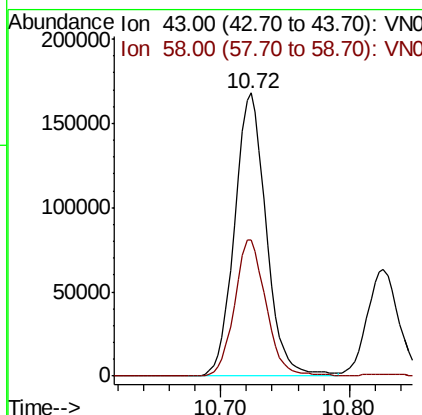
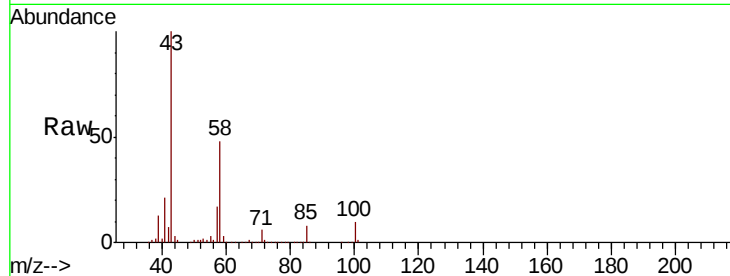




#59
2-Hexanone
Concen: 95.860 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

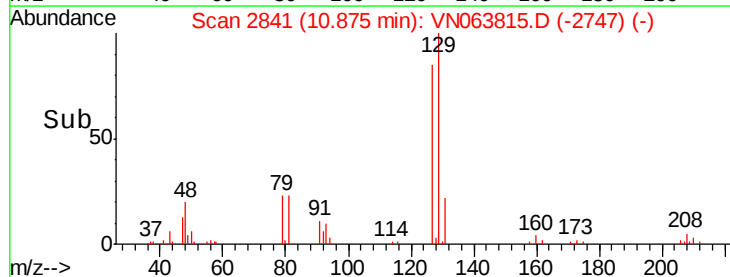
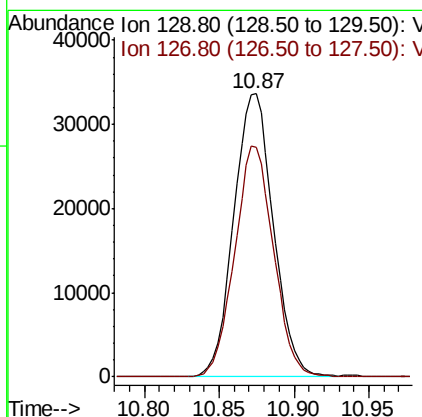
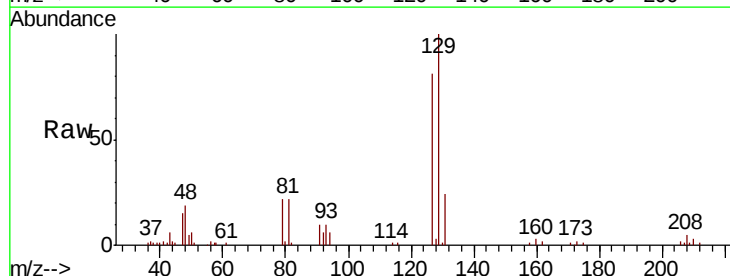
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

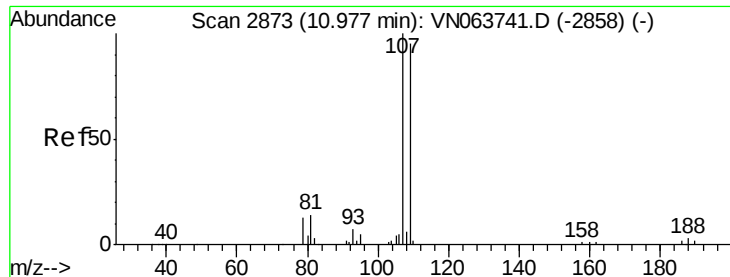
Tot Ion: 43 Resp: 284882
Ion Ratio Lower Upper
43 100
58 48.1 24.6 73.8



#60
Dibromochloromethane
Concen: 18.035 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion: 129 Resp: 61904
Ion Ratio Lower Upper
129 100
127 80.0 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.625 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

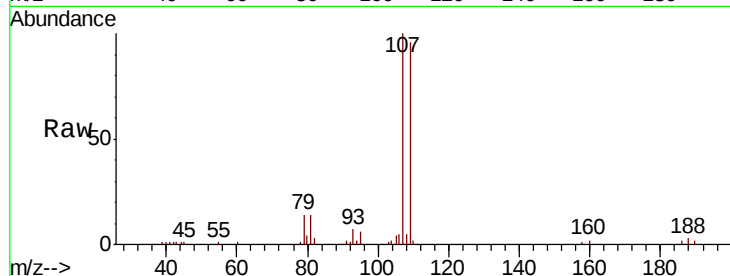
VN1002WBSD01

Tot Ion: 107 Resp: 59165

Ion Ratio Lower Upper

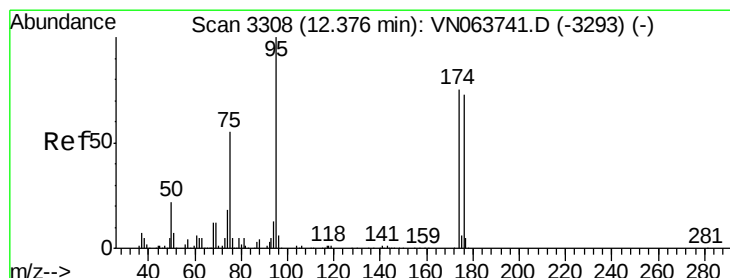
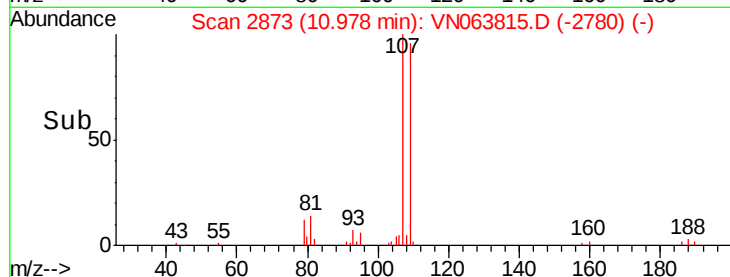
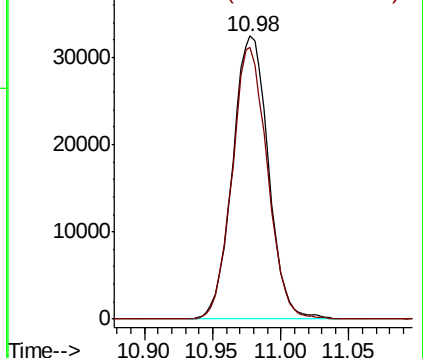
107 100

109 94.2 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.601 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

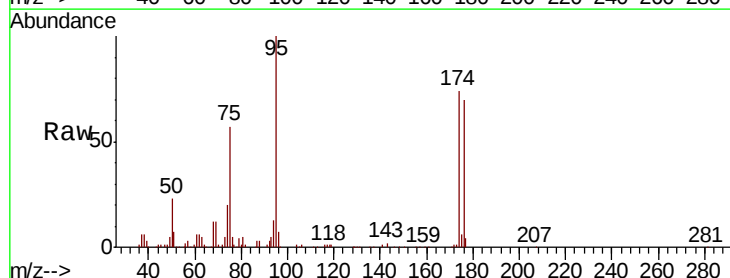
Tgt Ion: 95 Resp: 193263

Ion Ratio Lower Upper

95 100

174 76.0 0.0 150.6

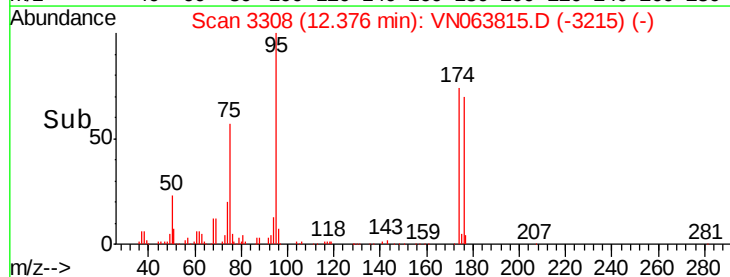
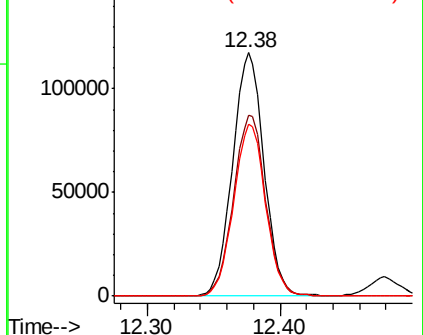
176 71.6 0.0 145.4

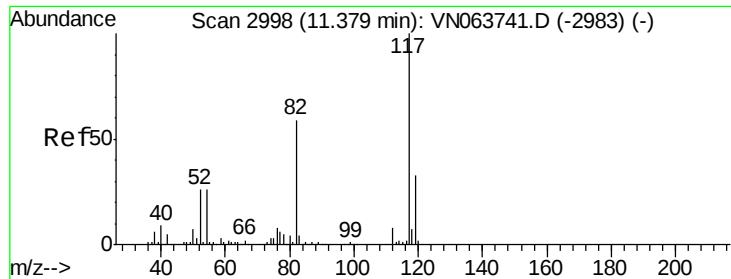


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

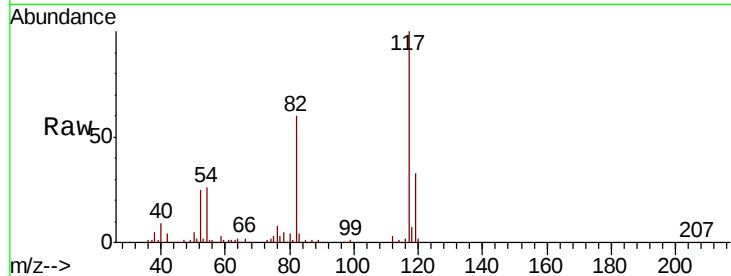




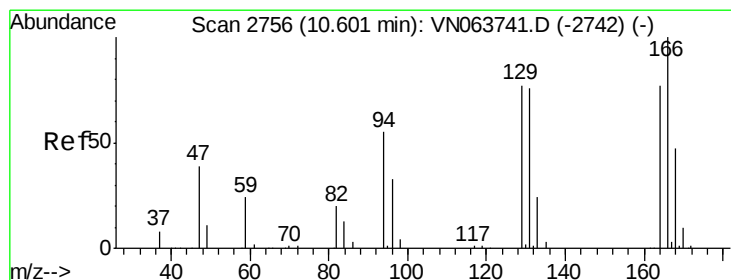
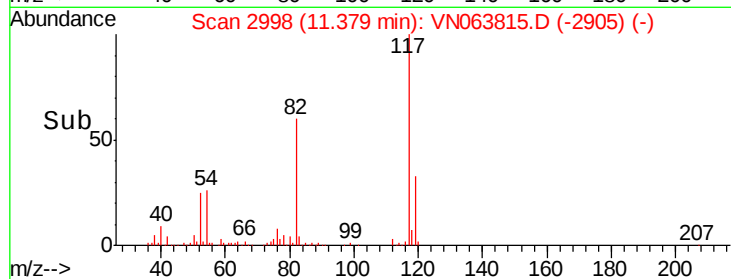
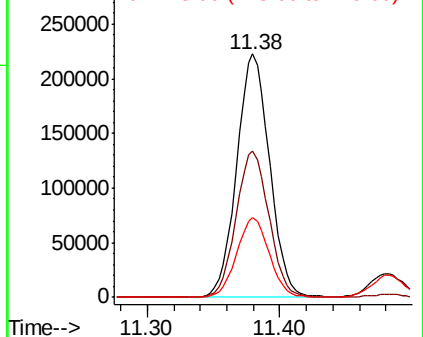
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tot Ion:117 Resp: 383590
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.2
119 32.7 26.4 39.6

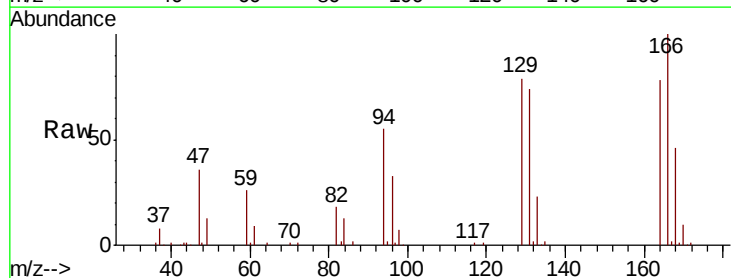


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

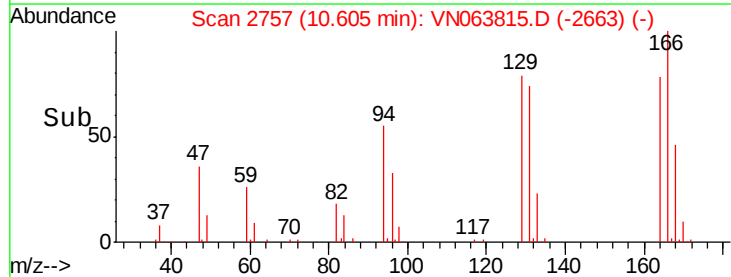
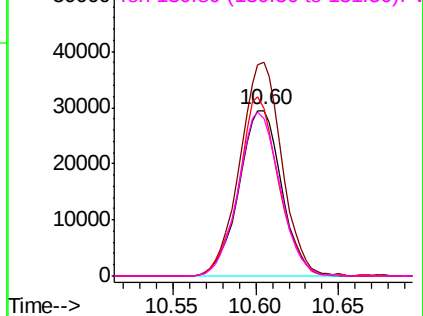


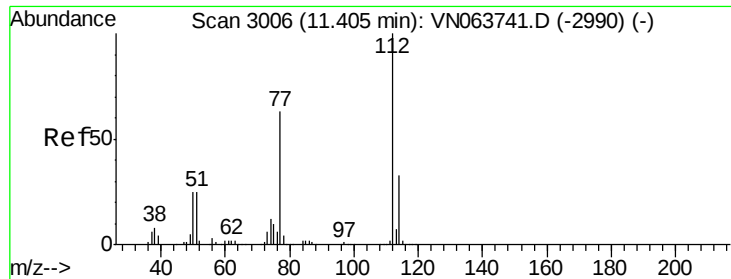
#64
Tetrachloroethene
Concen: 17.743 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion:164 Resp: 52657
Ion Ratio Lower Upper
164 100
166 128.9 103.9 155.9
129 101.5 80.3 120.5
131 95.2 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

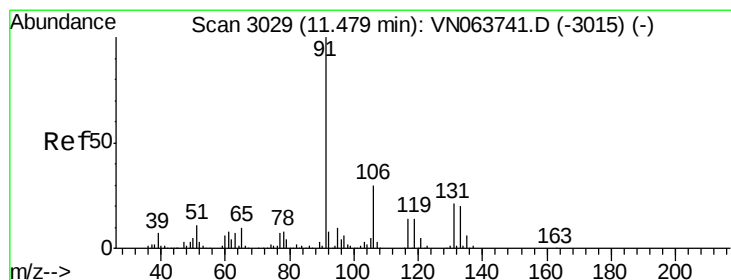
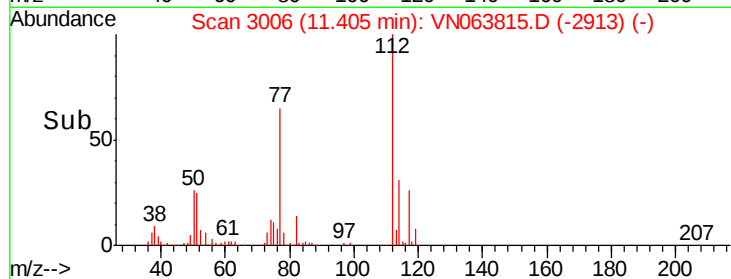
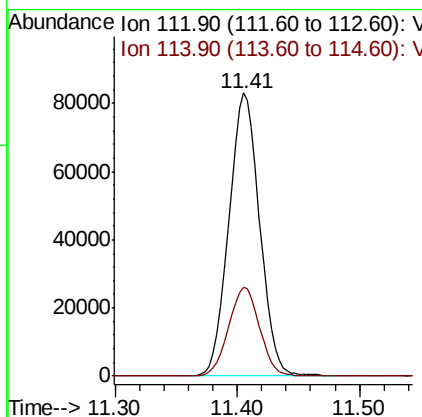
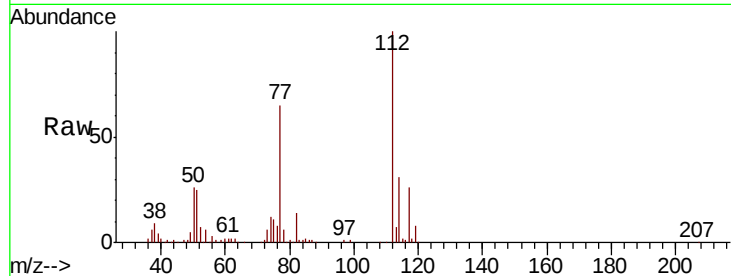




#65
Chlorobenzene
Concen: 18.544 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

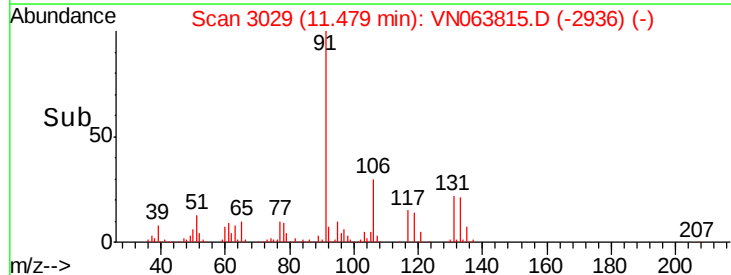
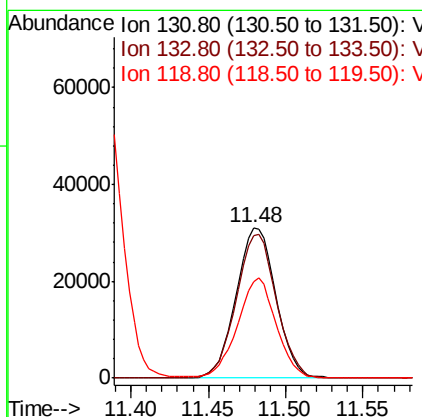
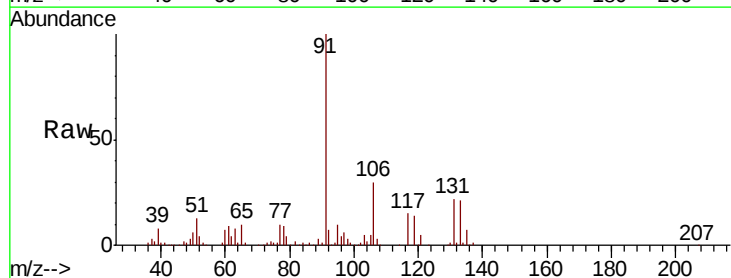
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

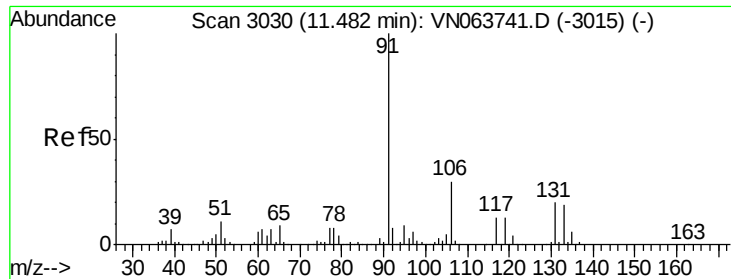
Tot Ion:112 Resp: 145917
Ion Ratio Lower Upper
112 100
114 31.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.405 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion:131 Resp: 55521
Ion Ratio Lower Upper
131 100
133 96.4 47.3 141.8
119 64.8 32.6 97.7

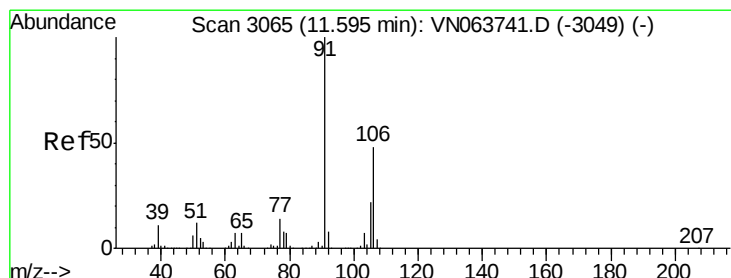
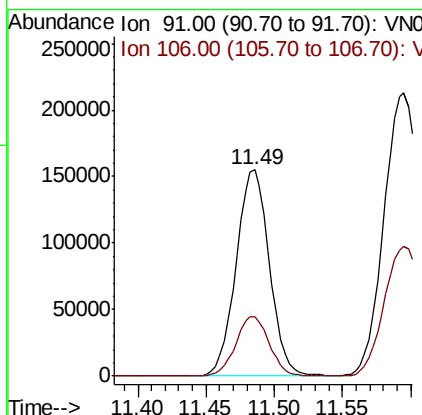
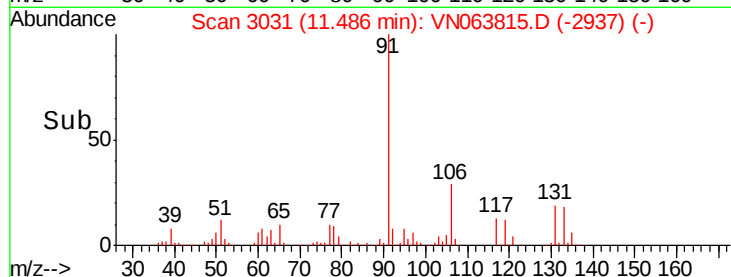
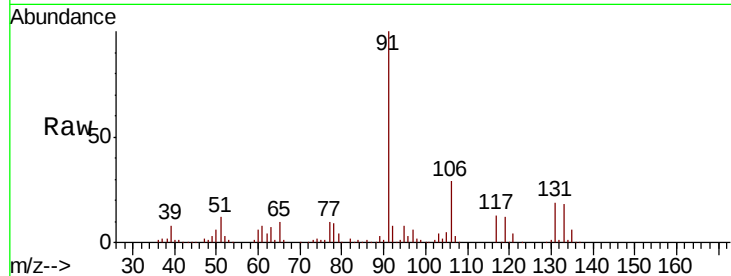




#67
Ethyl Benzene
Concen: 18.353 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

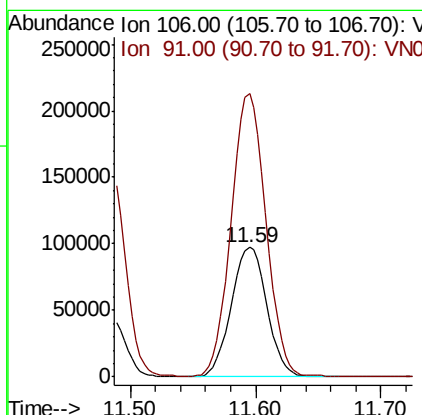
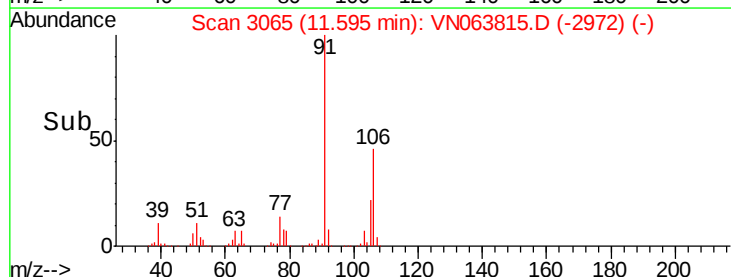
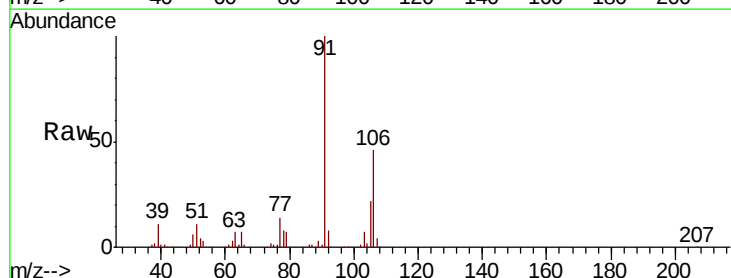
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

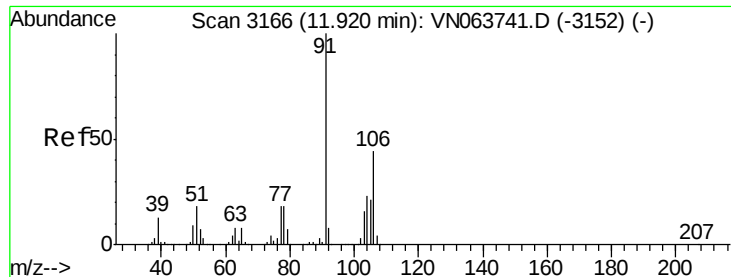
Tot Ion: 91 Resp: 262772
Ion Ratio Lower Upper
91 100
106 28.9 24.2 36.2



#68
m/p-Xylenes
Concen: 36.041 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion: 106 Resp: 192327
Ion Ratio Lower Upper
106 100
91 212.9 168.0 252.0

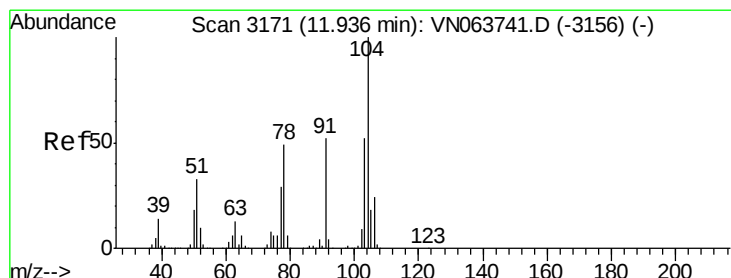
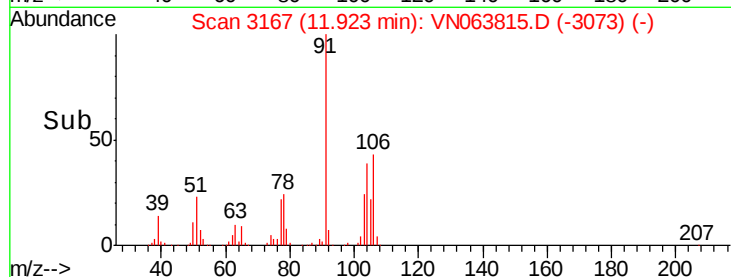
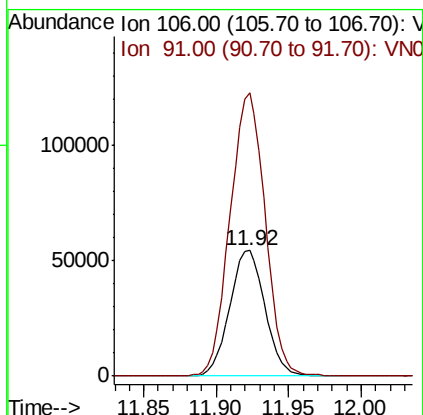
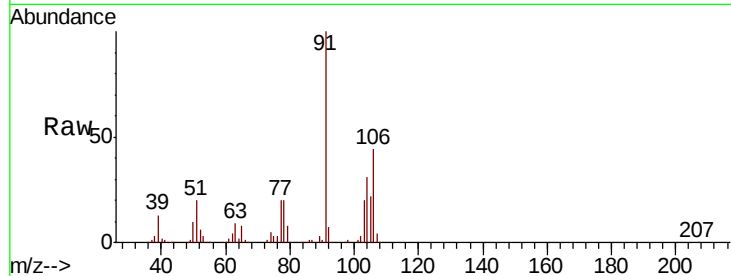




#69
o-Xylene
Concen: 18.469 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

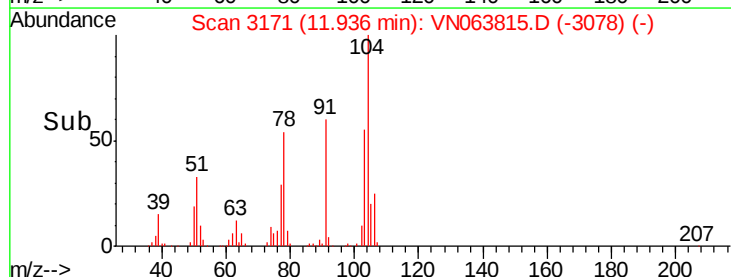
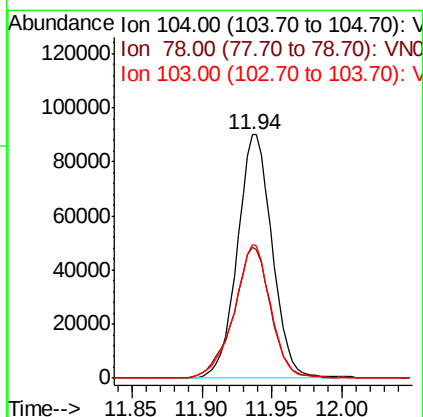
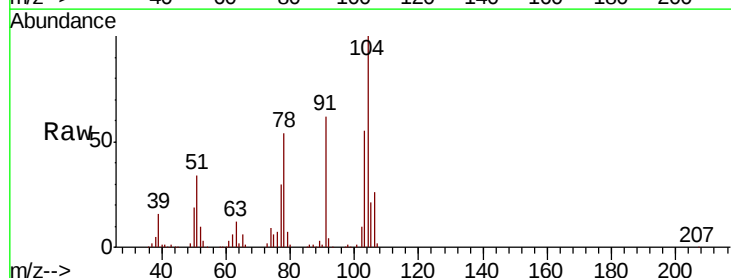
Instrument :
MSVOA_N
ClientSampled :
VN1002WBSD01

Tot Ion:106 Resp: 92115
Ion Ratio Lower Upper
106 100
91 224.4 112.7 338.0



#70
Styrene
Concen: 18.352 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion:104 Resp: 155375
Ion Ratio Lower Upper
104 100
78 57.1 44.1 66.1
103 57.3 44.3 66.5





#71

Bromoform

Concen: 17.385 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBSD01

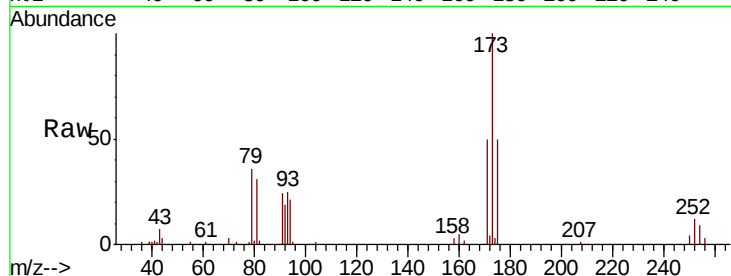
Tot Ion:173 Resp: 40109

Ion Ratio Lower Upper

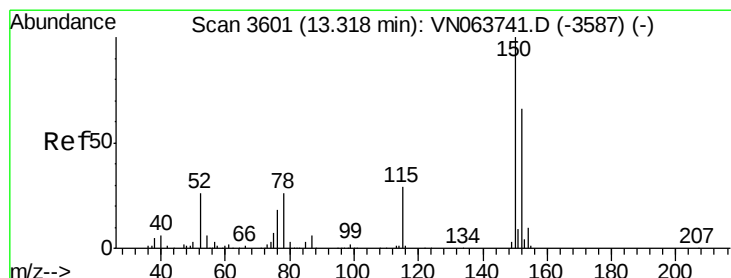
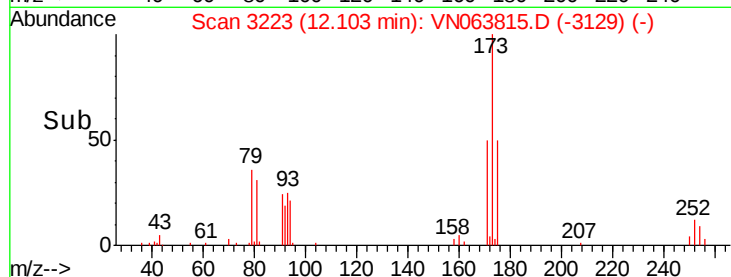
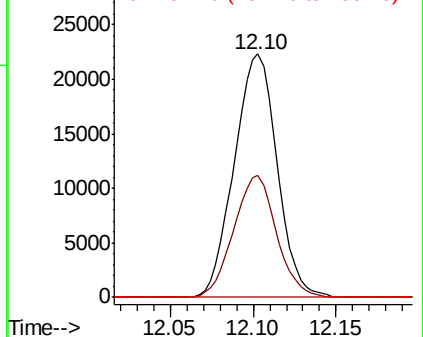
173 100

175 49.8 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: VN063815.D

Acq: 2 Oct 2020 12:45

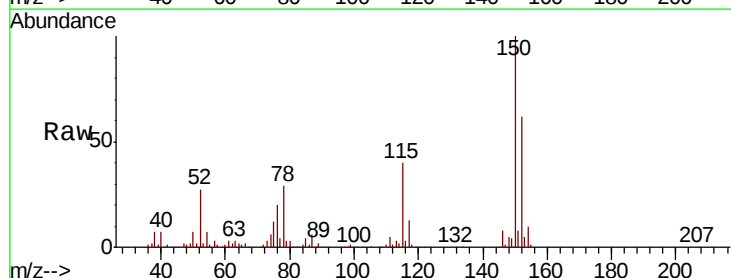
Tgt Ion:152 Resp: 174338

Ion Ratio Lower Upper

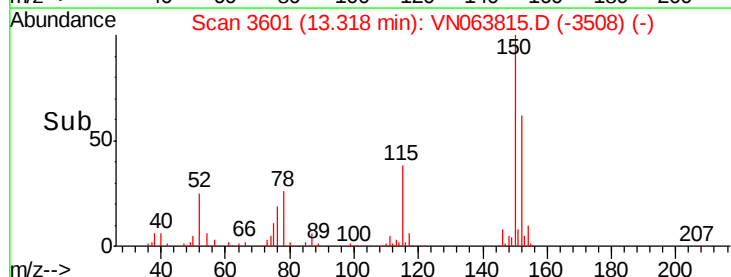
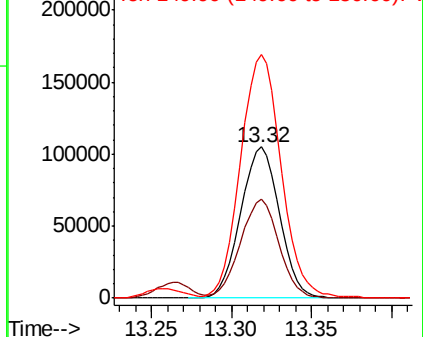
152 100

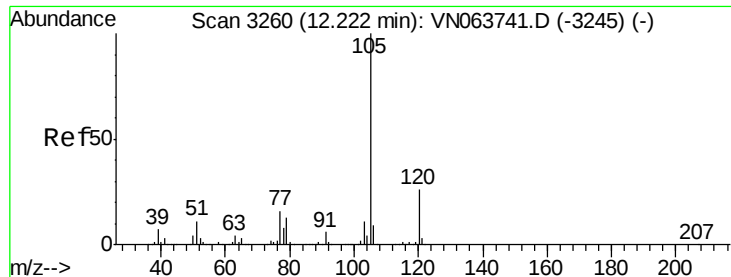
115 65.1 31.3 93.8

150 168.5 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

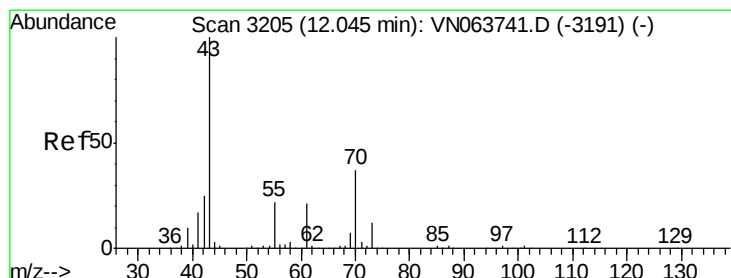
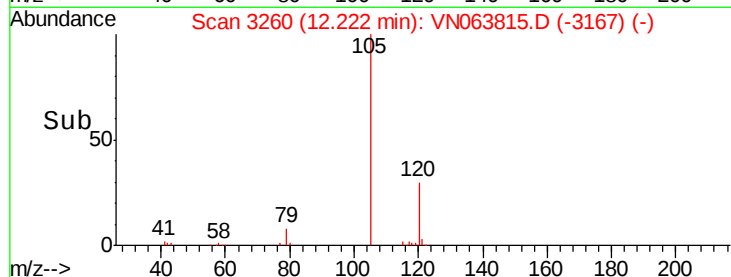
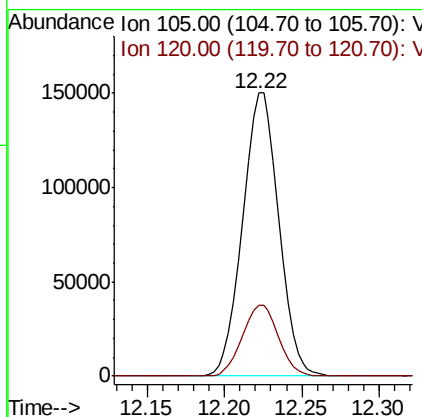
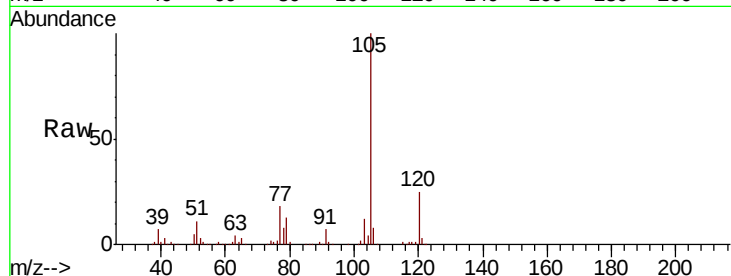




#73
Isopropylbenzene
Concen: 19.278 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

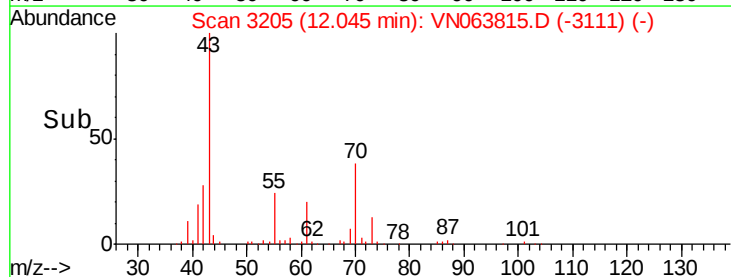
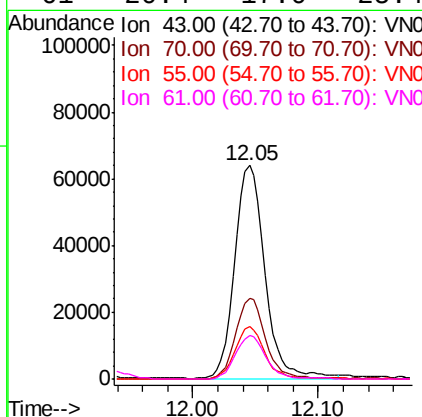
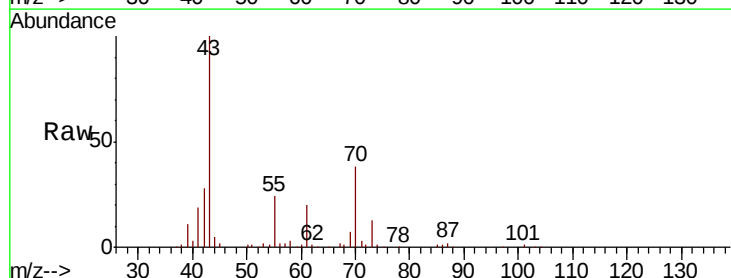
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

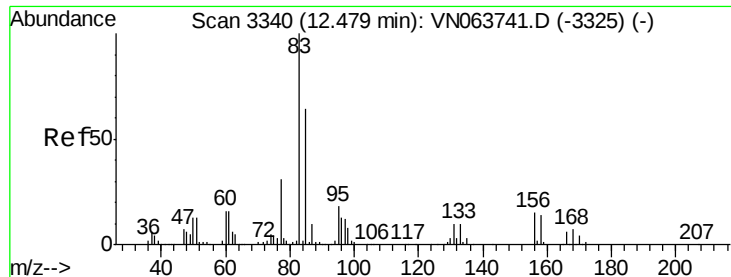
Tot Ion: 105 Resp: 245146
Ion Ratio Lower Upper
105 100
120 25.0 12.6 37.8



#74
N-ethyl acetate
Concen: 19.545 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion: 43 Resp: 107170
Ion Ratio Lower Upper
43 100
70 37.3 29.8 44.8
55 23.8 17.9 26.9
61 20.4 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.405 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBSD01

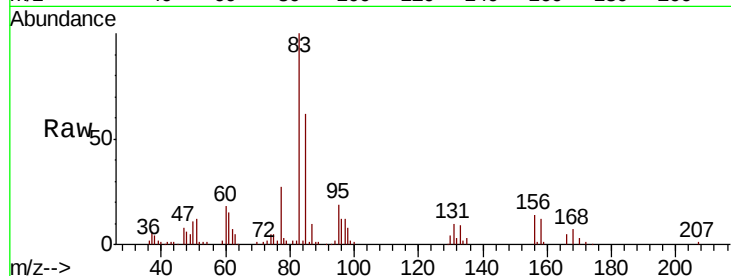
Tot Ion: 83 Resp: 79345

Ion Ratio Lower Upper

83 100

131 10.3 5.3 15.8

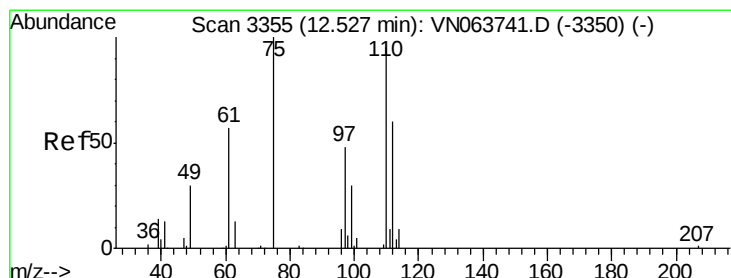
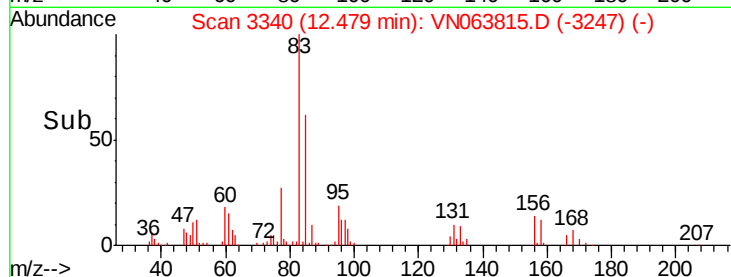
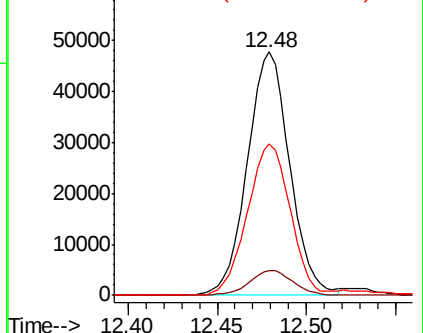
85 62.8 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN063815.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063815.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063815.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 28.528 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063815.D

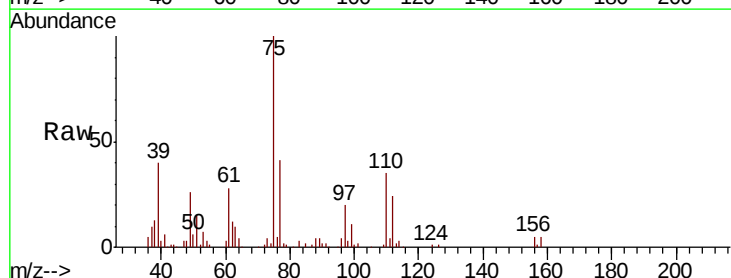
Acq: 2 Oct 2020 12:45

Tgt Ion: 75 Resp: 109635

Ion Ratio Lower Upper

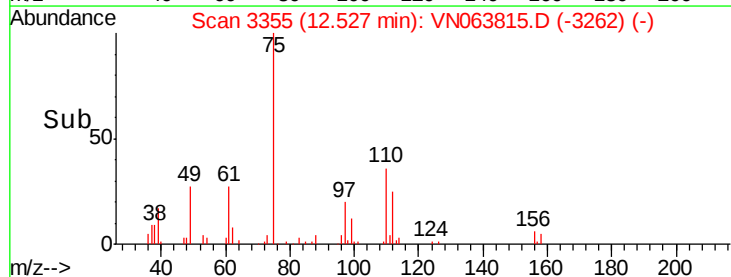
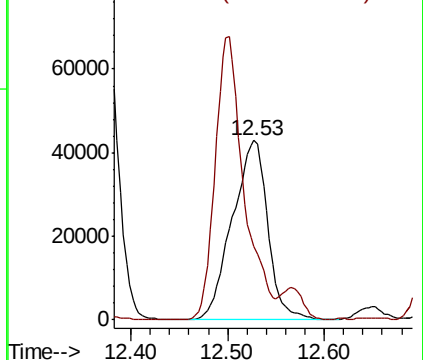
75 100

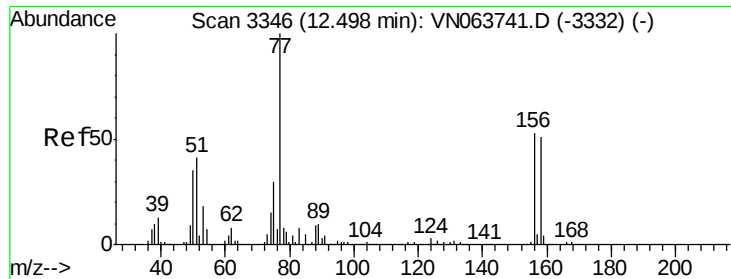
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063815.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063815.D (-3262) (-)

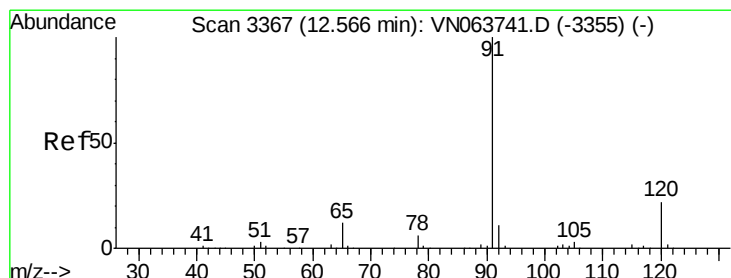
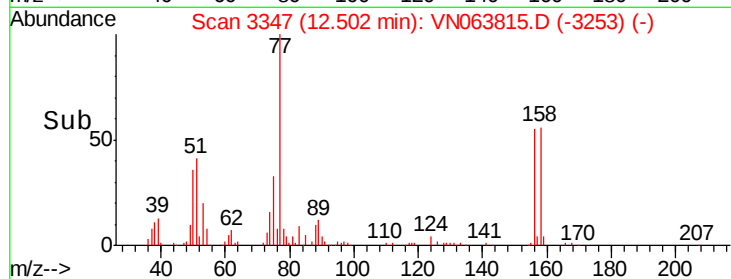
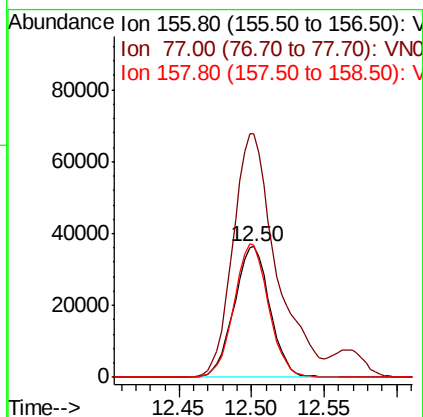
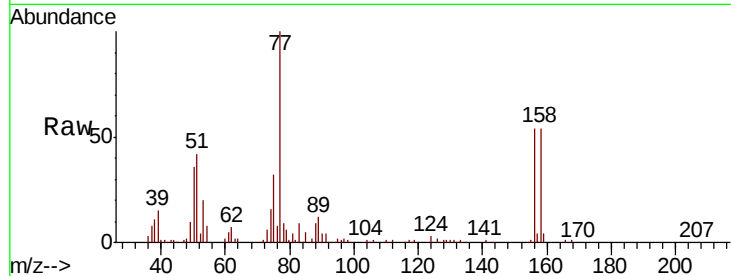




#77
Bromobenzene
Concen: 19.965 ug/l
RT: 12.50 min Scan# 3347
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

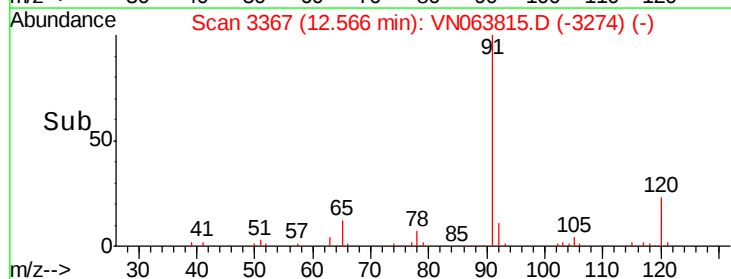
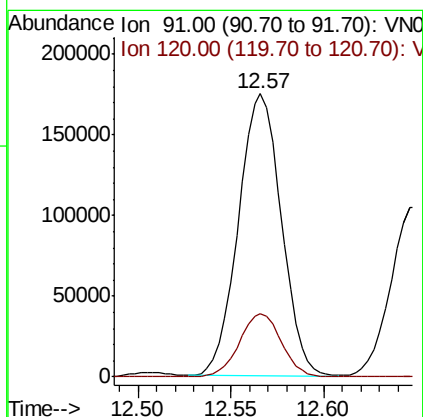
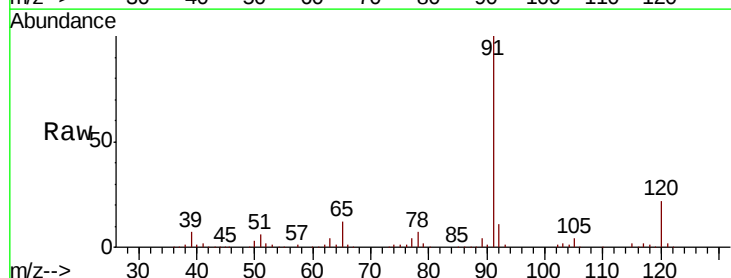
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

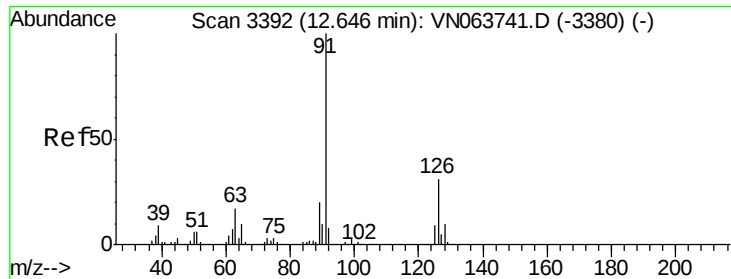
Tot Ion:156 Resp: 62295
Ion Ratio Lower Upper
156 100
77 225.6 110.9 332.7
158 98.7 47.7 143.1



#78
n-propylbenzene
Concen: 18.983 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion: 91 Resp: 280925
Ion Ratio Lower Upper
91 100
120 22.0 11.1 33.1





#79

2-Chlorotoluene

Concen: 19.434 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

ClientSampleId :

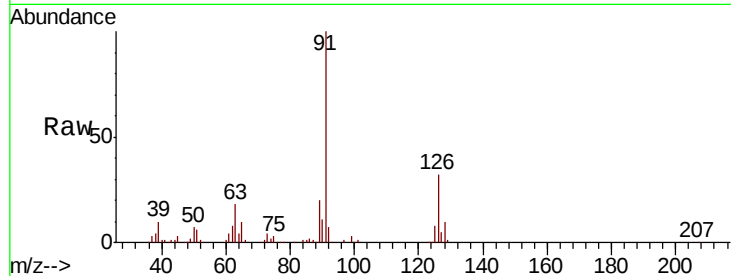
VN1002WBSD01

Tot Ion: 91 Resp: 176883

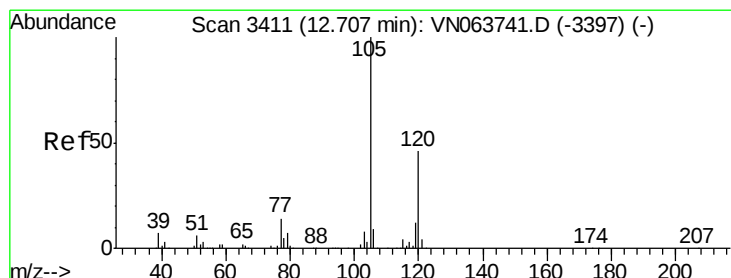
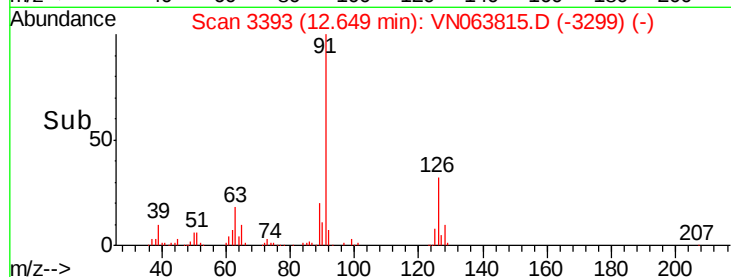
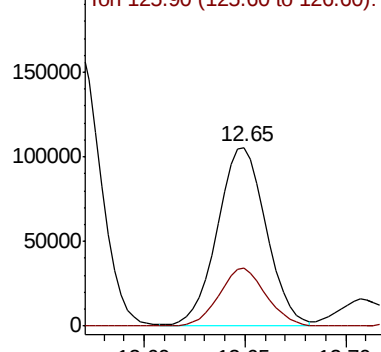
Ion Ratio Lower Upper

91 100

126 31.5 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN063815.D (-3299) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.559 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN063815.D

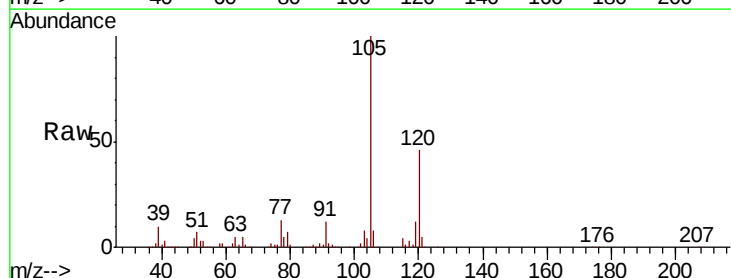
Acq: 2 Oct 2020 12:45

Tgt Ion:105 Resp: 208660

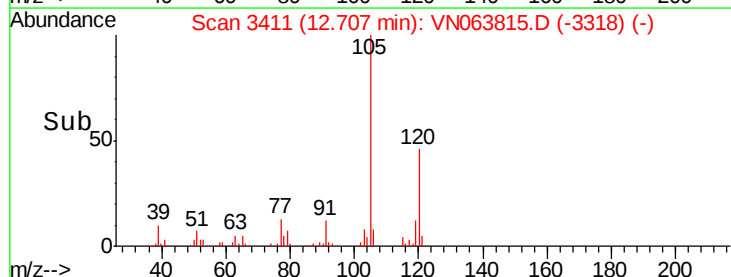
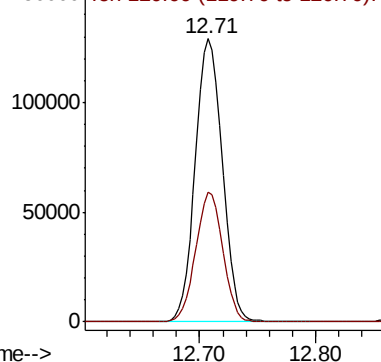
Ion Ratio Lower Upper

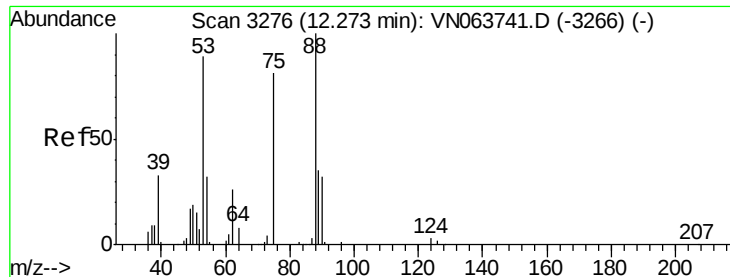
105 100

120 45.7 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN063815.D (-3318) (-)

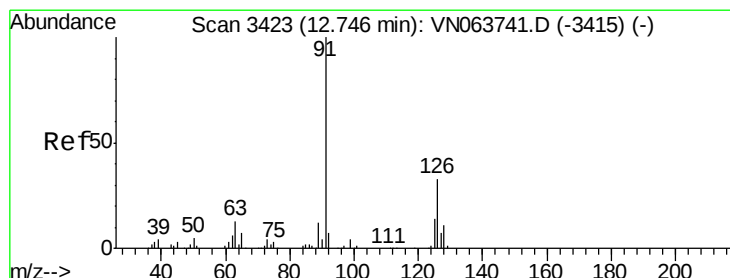
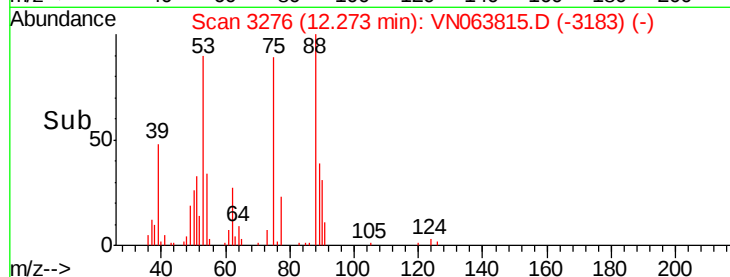
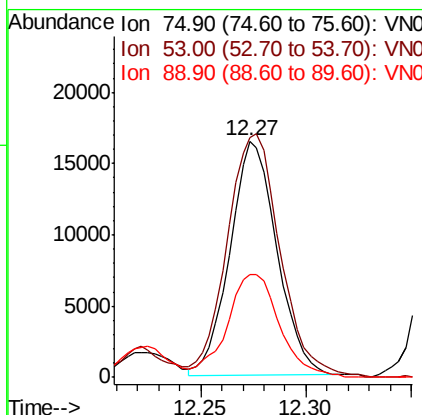
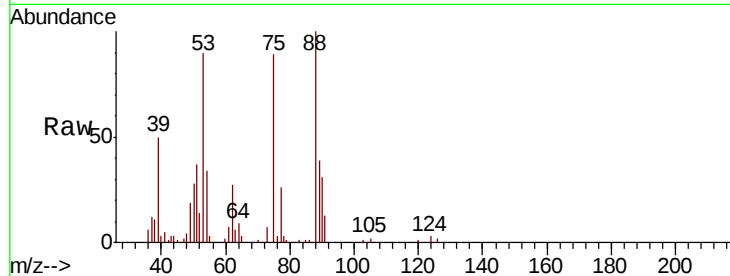




#81
trans-1,4-Dichloro-2-butene
Concen: 19.066 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

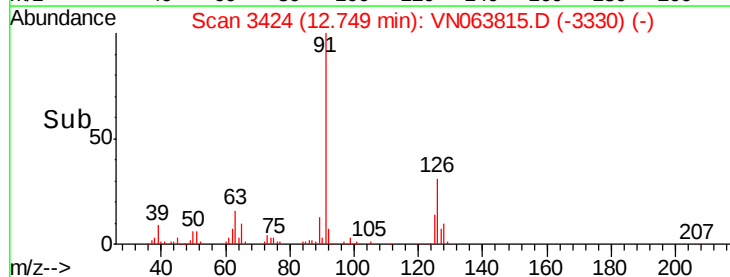
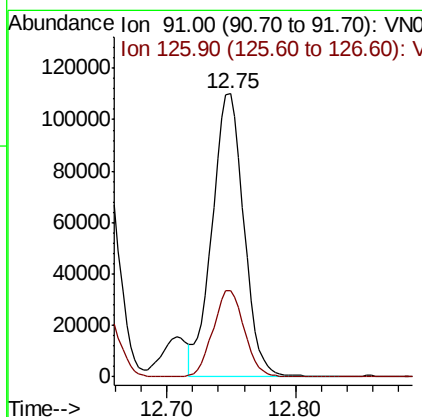
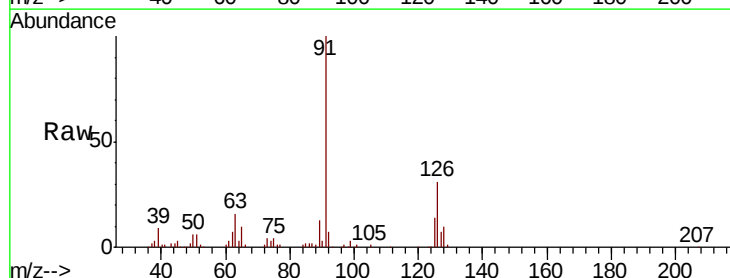
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

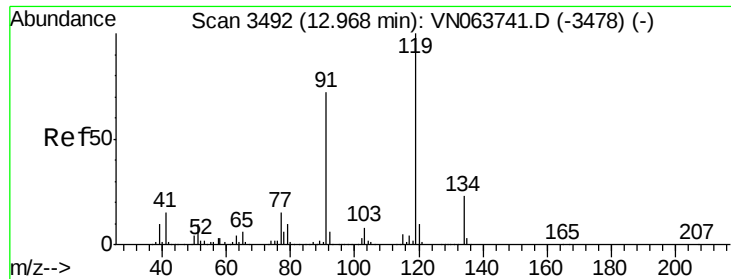
Tot Ion: 75 Resp: 25441
Ion Ratio Lower Upper
75 100
53 117.8 88.2 132.2
89 49.2 36.0 54.0



#82
4-Chlorotoluene
Concen: 19.800 ug/l
RT: 12.75 min Scan# 3424
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion: 91 Resp: 187079
Ion Ratio Lower Upper
91 100
126 29.9 15.4 46.2

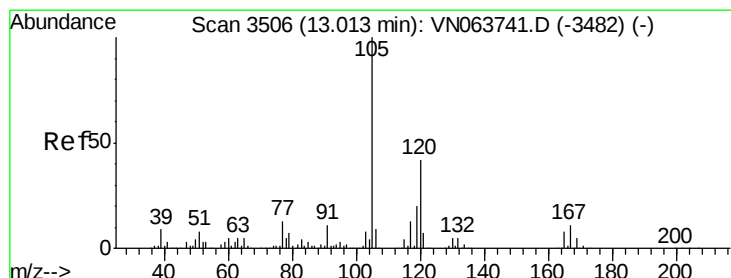
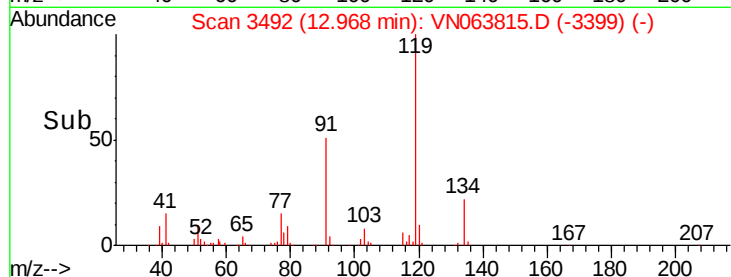
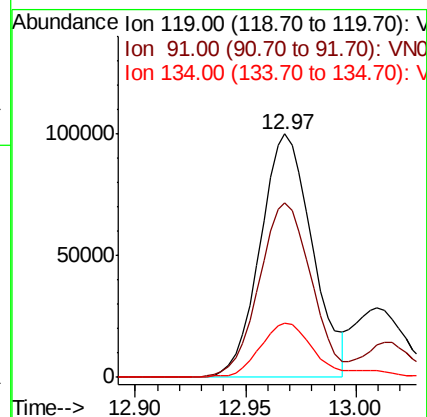
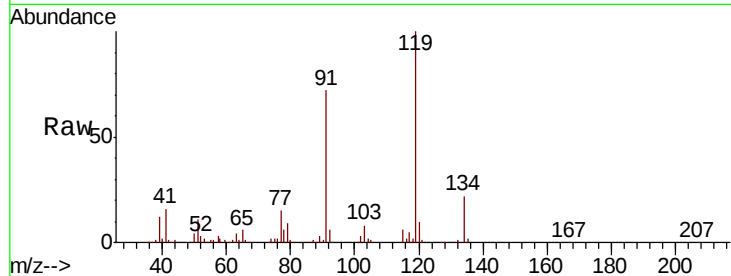




#83
tert-Butylbenzene
Concen: 18.759 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

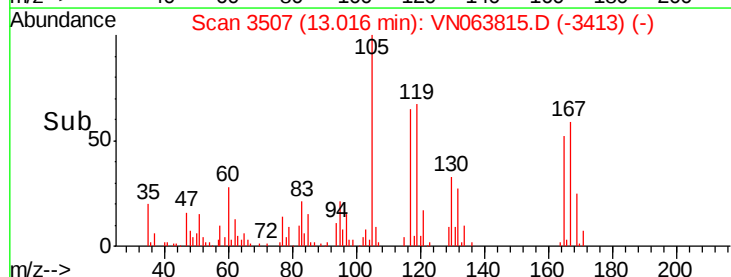
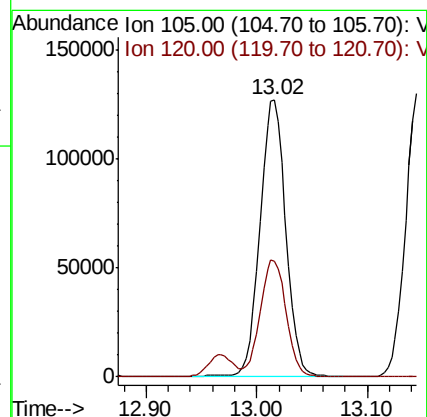
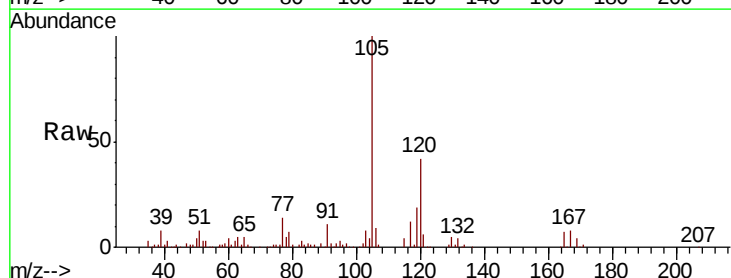
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tot Ion:119 Resp: 163698
Ion Ratio Lower Upper
119 100
91 72.2 35.5 106.5
134 22.6 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 19.457 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion:105 Resp: 207235
Ion Ratio Lower Upper
105 100
120 42.4 20.9 62.7





#85

sec-Butylbenzene

Concen: 18.514 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

Instrument :

MSVOA_N

ClientSampled :

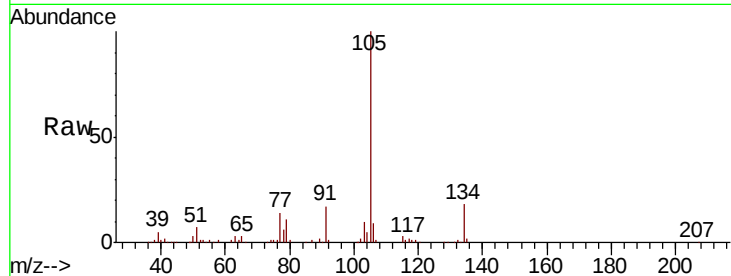
VN1002WBSD01

Tot Ion:105 Resp: 212193

Ion Ratio Lower Upper

105 100

134 19.1 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

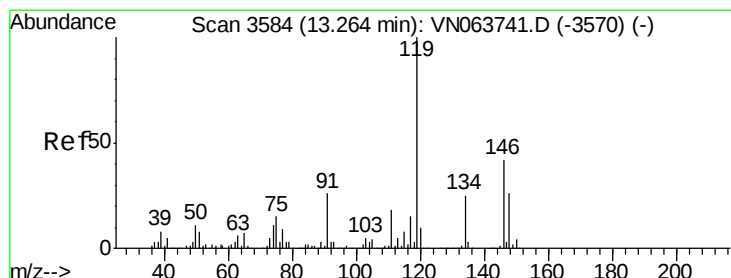
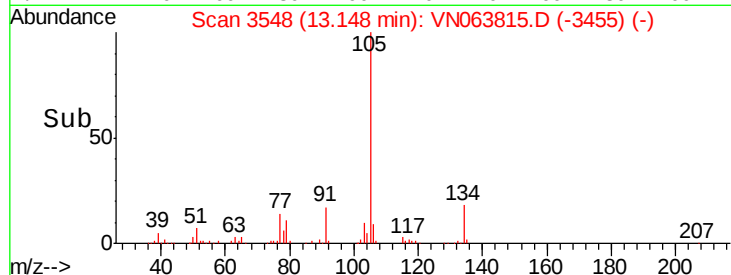
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.075 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063815.D

Acq: 2 Oct 2020 12:45

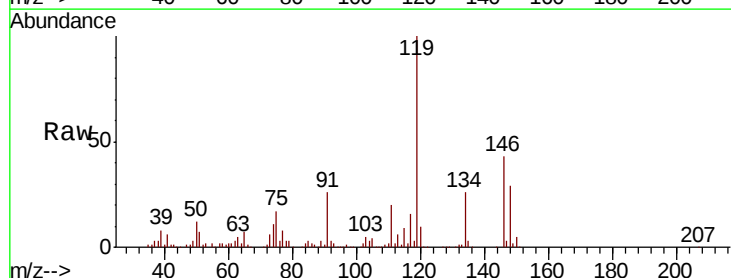
Tgt Ion:119 Resp: 193408

Ion Ratio Lower Upper

119 100

134 25.6 12.6 37.8

91 26.7 13.4 40.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

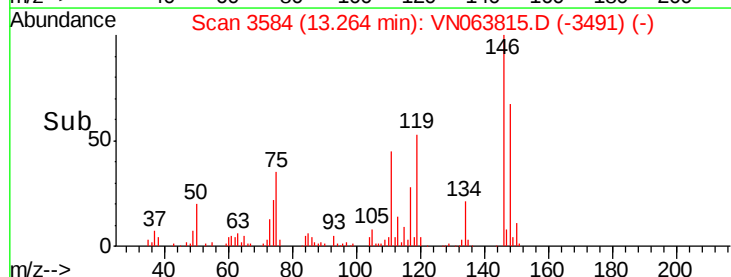
150000

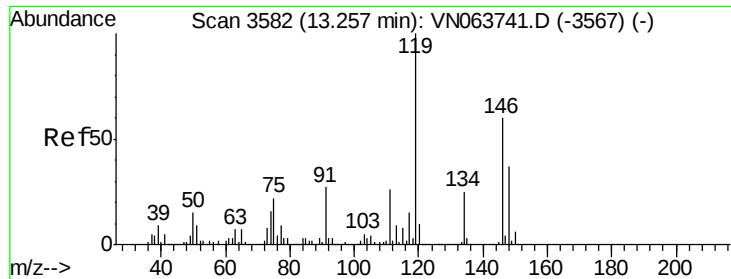
100000

50000

0

Time-->

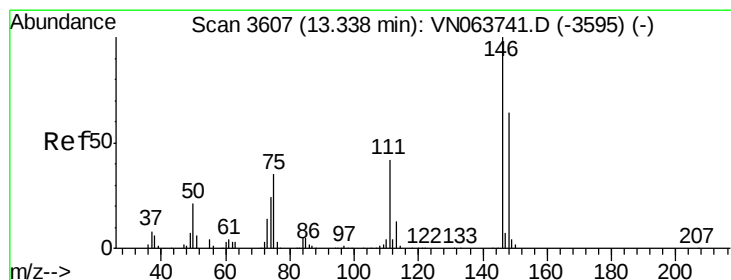
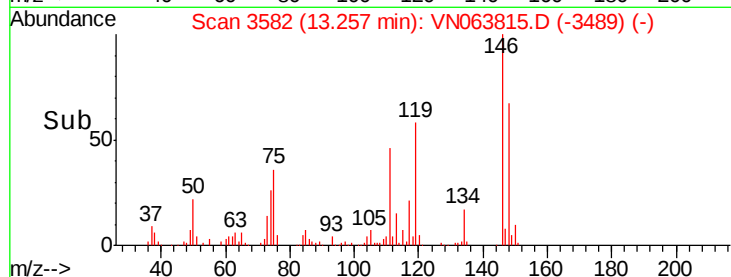
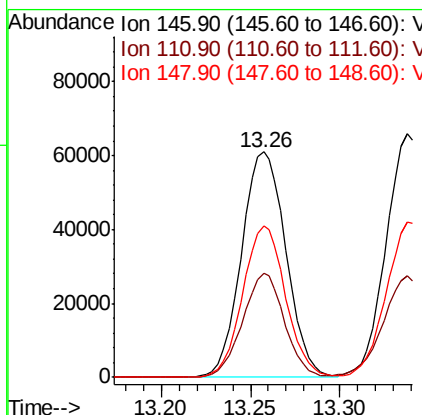
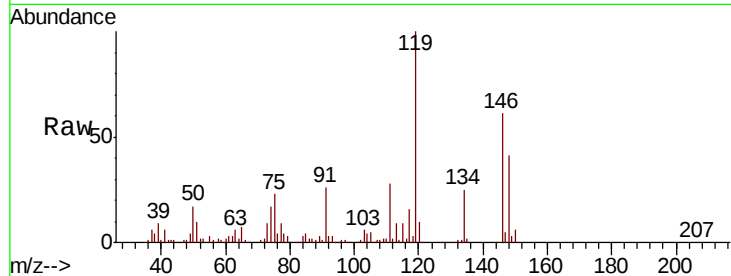




#87
 1,3-Dichlorobenzene
 Concen: 18.846 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

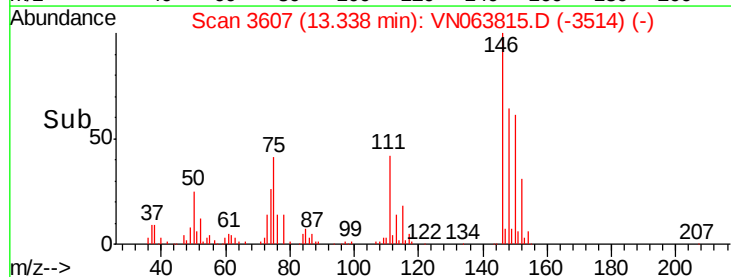
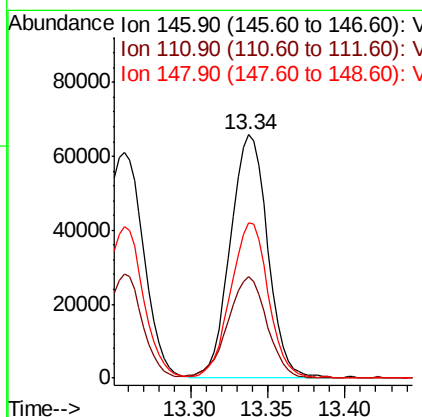
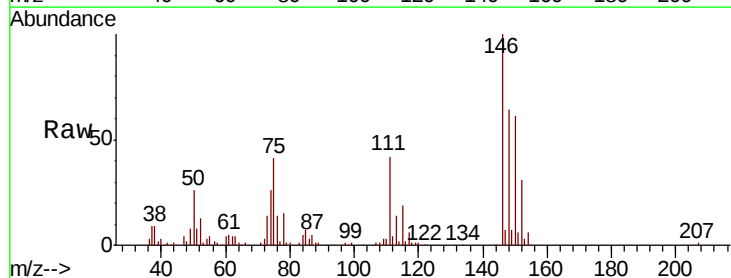
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBSD01

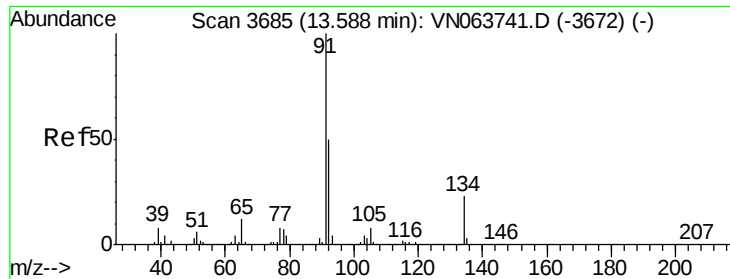
Tot Ion:146 Resp: 106386
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.5 64.5
 148 64.7 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 18.654 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

Tgt Ion:146 Resp: 109640
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.3 63.7
 148 64.2 32.0 96.0

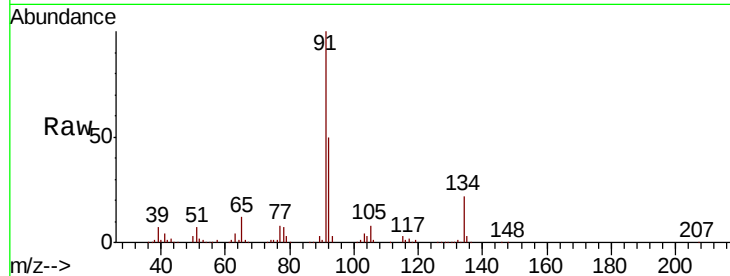




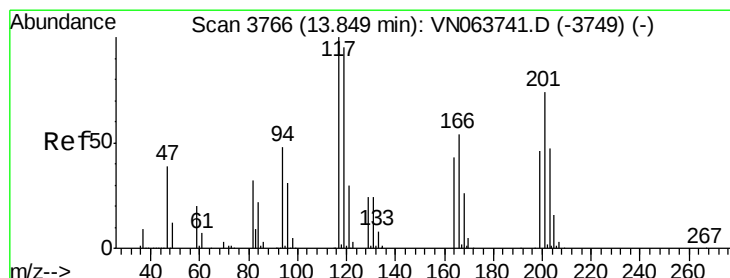
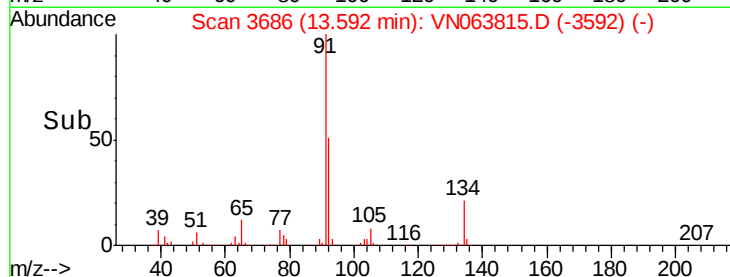
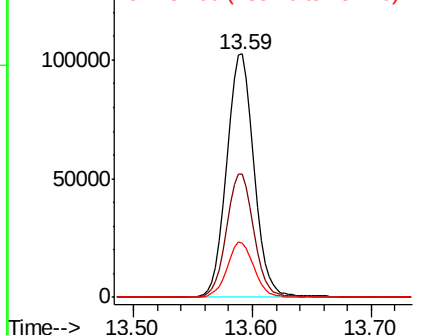
#89
n-Butylbenzene
Concen: 17.494 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Instrument :
MSVOA_N
ClientSampled :
VN1002WBSD01

Tot Ion: 91 Resp: 163713
Ion Ratio Lower Upper
91 100
92 50.5 25.4 76.4
134 22.1 11.7 35.1

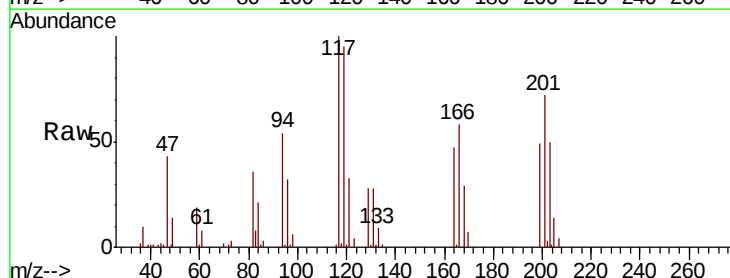


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

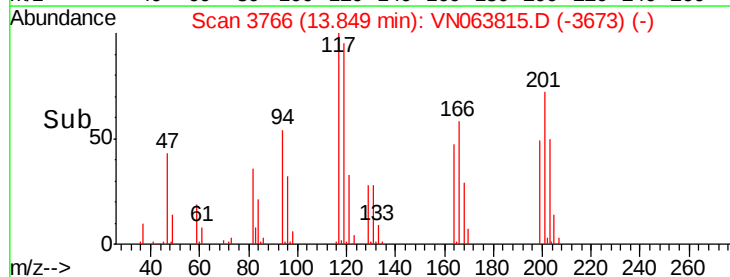
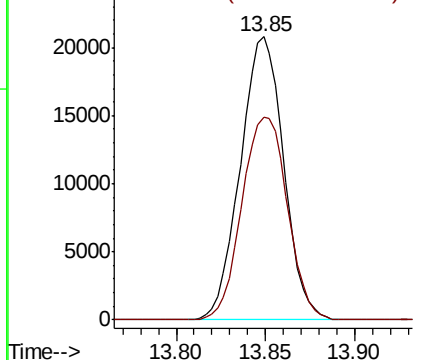


#90
Hexachloroethane
Concen: 17.931 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion: 117 Resp: 35231
Ion Ratio Lower Upper
117 100
201 75.5 36.0 108.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

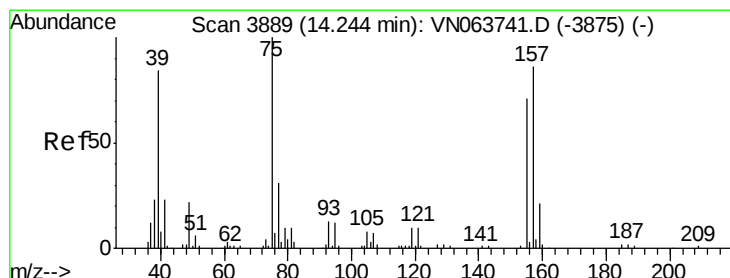
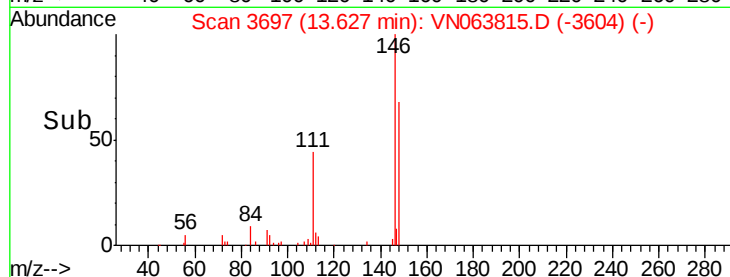
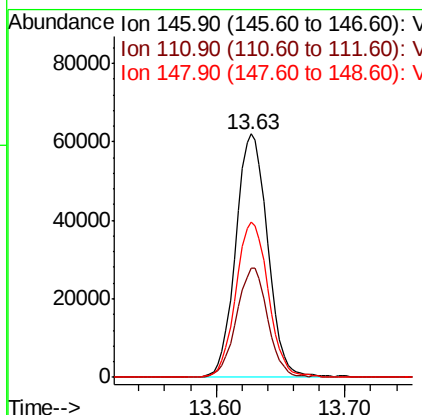
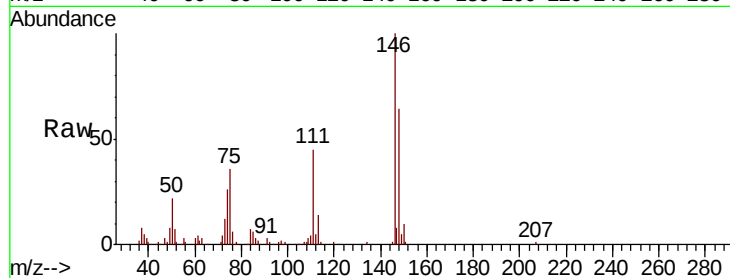




#91
 1,2-Dichlorobenzene
 Concen: 19.087 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

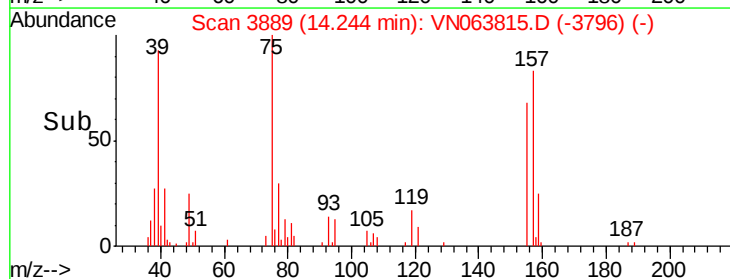
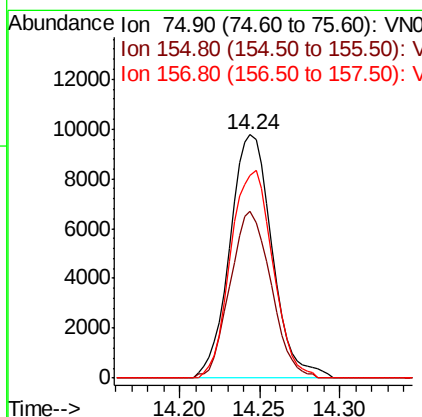
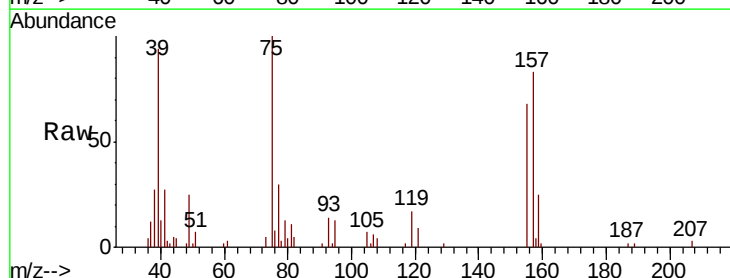
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBSD01

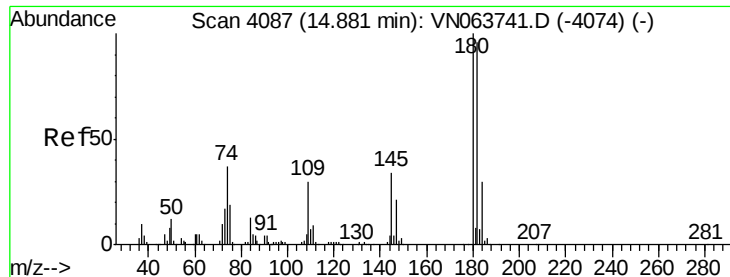
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	22.2	66.6
148	64.9	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.277 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063815.D
 Acq: 2 Oct 2020 12:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	66.4	34.8	104.5
157	85.2	43.7	131.1

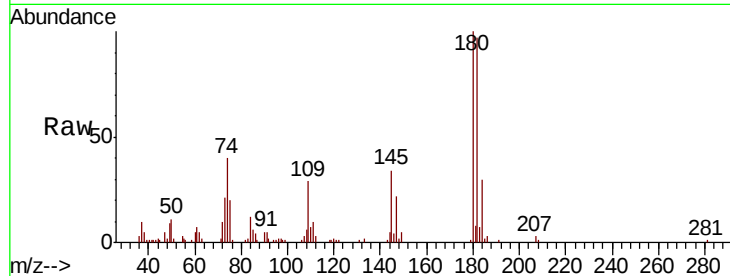




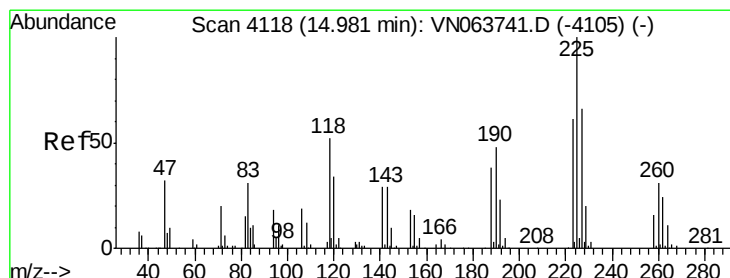
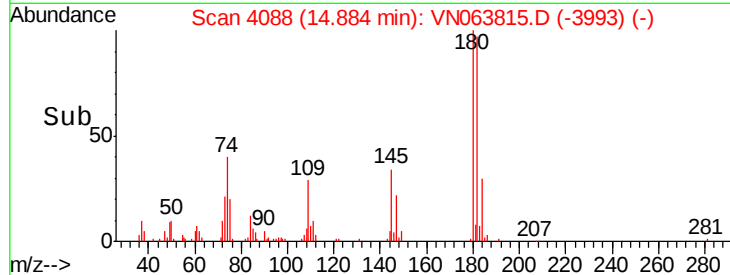
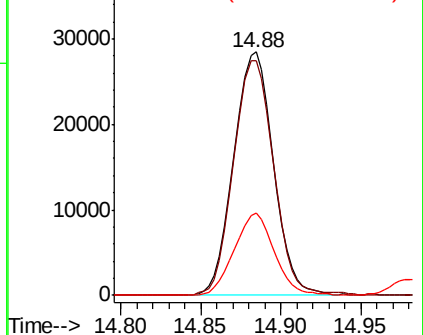
#93
1,2,4-Trichlorobenzene
Concen: 17.027 ug/l
RT: 14.88 min Scan# 4088
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tot Ion:180 Resp: 48161
Ion Ratio Lower Upper
180 100
182 97.4 48.2 144.6
145 34.1 17.1 51.2

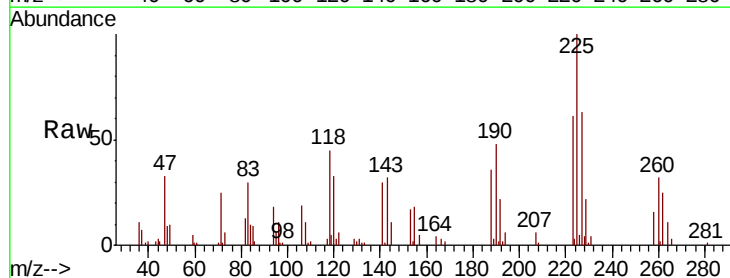


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

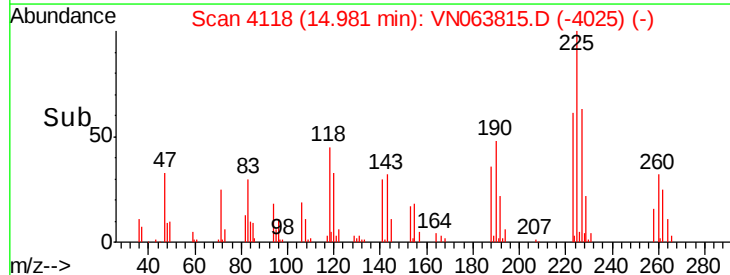
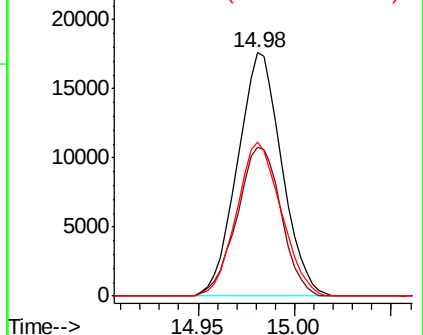


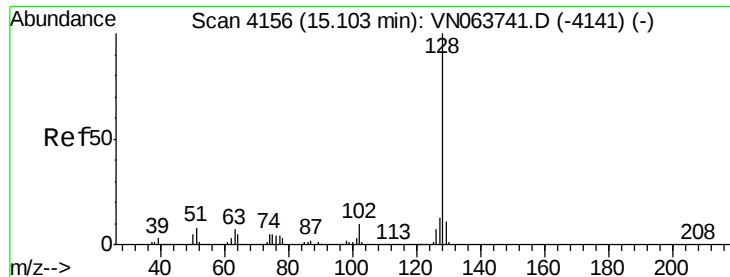
#94
Hexachlorobutadiene
Concen: 18.531 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion:225 Resp: 28028
Ion Ratio Lower Upper
225 100
223 61.0 30.3 91.0
227 63.5 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

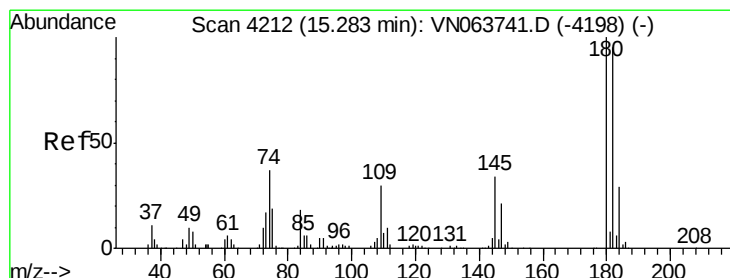
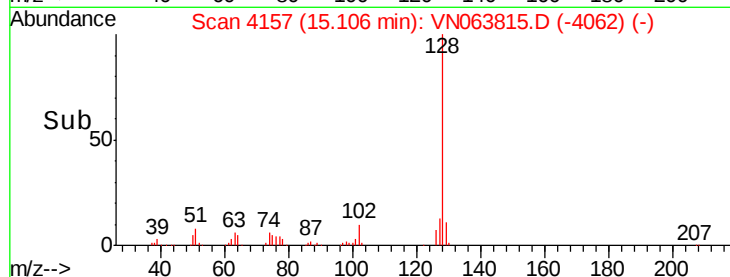
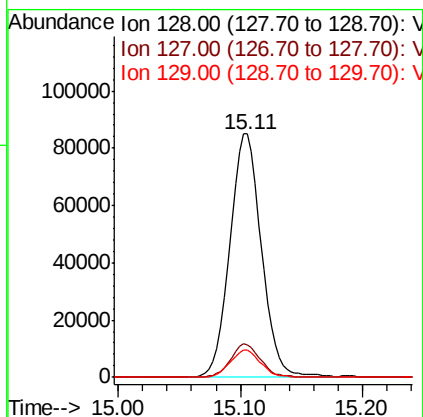
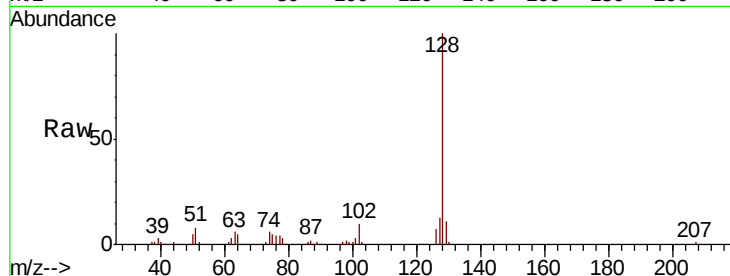




#95
Naphthalene
Concen: 17.602 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBSD01

Tot Ion:128 Resp: 153383
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 17.502 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN063815.D
Acq: 2 Oct 2020 12:45

Tgt Ion:180 Resp: 48506
Ion Ratio Lower Upper
180 100
182 96.5 47.9 143.6
145 32.5 17.2 51.5

