

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063814.D
 Acq On : 2 Oct 2020 12:16
 Operator : JC/MD
 Sample : VN1002WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBS01

Quant Time: Oct 05 04:12:23 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	251954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	421655	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	391587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	180440	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	215517	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
35) Dibromofluoromethane	7.55	113	142366	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
50) Toluene-d8	10.06	98	536031	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
62) 4-Bromofluorobenzene	12.38	95	194546	46.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	47086	17.711	ug/l	97
3) Chloromethane	2.04	50	56094	17.982	ug/l	100
4) Vinyl Chloride	2.16	62	55561	17.744	ug/l	98
5) Bromomethane	2.53	94	36494	18.529	ug/l	99
6) Chloroethane	2.68	64	35782	19.124	ug/l	96
7) Trichlorofluoromethane	2.98	101	93582	18.844	ug/l	99
8) Diethyl Ether	3.37	74	31904	18.996	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	48104	18.123	ug/l	98
10) Methyl Iodide	3.91	142	55193	17.908	ug/l	97
11) Tert butyl alcohol	4.72	59	48395	105.310	ug/l #	87
12) 1,1-Dichloroethene	3.70	96	45160	17.800	ug/l	97
13) Acrolein	3.57	56	25720	91.191	ug/l	95
14) Allyl chloride	4.28	41	91602	19.434	ug/l	94
15) Acrylonitrile	4.93	53	128253	97.499	ug/l	99
16) Acetone	3.78	43	131293	102.466	ug/l	96
17) Carbon Disulfide	4.01	76	122113	18.259	ug/l	100
18) Methyl Acetate	4.28	43	68535	20.601	ug/l	95
19) Methyl tert-butyl Ether	4.99	73	175266	19.014	ug/l	99
20) Methylene Chloride	4.50	84	58209	19.893	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	49280	17.341	ug/l	98
22) Diisopropyl ether	5.90	45	188910	19.480	ug/l	99
23) Vinyl Acetate	5.84	43	778291	96.884	ug/l	99
24) 1,1-Dichloroethane	5.80	63	105890	19.097	ug/l	98
25) 2-Butanone	6.78	43	185735	102.242	ug/l	97
26) 2,2-Dichloropropane	6.78	77	93737	18.460	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	59024	18.059	ug/l	96
28) Bromochloromethane	7.15	49	52340	19.098	ug/l	99
29) Tetrahydrofuran	7.17	42	121845	100.004	ug/l	97
30) Chloroform	7.33	83	111631	19.308	ug/l	96
31) Cyclohexane	7.62	56	86514	17.903	ug/l #	96
32) 1,1,1-Trichloroethane	7.53	97	98922	18.969	ug/l	99
36) 1,1-Dichloropropene	7.75	75	78012	18.262	ug/l	99
37) Ethyl Acetate	6.88	43	80215	18.900	ug/l	98
38) Carbon Tetrachloride	7.74	117	87195	18.203	ug/l	91

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 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)
39) Methylcyclohexane	9.05	83	69593	16.337	ug/l	95
40) Benzene	8.00	78	222987	18.276	ug/l	97
41) Methacrylonitrile	7.13	41	40273	21.351	ug/l #	92
42) 1,2-Dichloroethane	8.09	62	100916	19.376	ug/l	99
43) Isopropyl Acetate	8.13	43	134864	19.265	ug/l	99
44) Trichloroethene	8.80	130	56312	17.615	ug/l	99
45) 1,2-Dichloropropane	9.09	63	62700	19.028	ug/l	95
46) Dibromomethane	9.17	93	41788	18.383	ug/l	100
47) Bromodichloromethane	9.37	83	88815	18.958	ug/l	98
48) Methyl methacrylate	9.17	41	67225	19.437	ug/l	96
49) 1,4-Dioxane	9.16	88	19128	389.137	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	415815	101.217	ug/l	99
52) Toluene	10.13	92	139925	18.541	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	91720	18.264	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	95002	18.089	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	58318	19.269	ug/l	98
56) Ethyl methacrylate	10.40	69	81253	18.940	ug/l	100
57) 1,3-Dichloropropane	10.68	76	100076	19.544	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	222506	96.961	ug/l	99
59) 2-Hexanone	10.72	43	299818	98.243	ug/l	98
60) Dibromochloromethane	10.87	129	63737	18.083	ug/l	100
61) 1,2-Dibromoethane	10.98	107	59058	19.076	ug/l	99
64) Tetrachloroethene	10.60	164	54735	18.067	ug/l	98
65) Chlorobenzene	11.41	112	147231	18.329	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	58532	19.007	ug/l	99
67) Ethyl Benzene	11.48	91	269338	18.427	ug/l	98
68) m/p-Xylenes	11.59	106	198387	36.418	ug/l	100
69) o-Xylene	11.92	106	95194	18.696	ug/l	99
70) Styrene	11.94	104	155630	18.007	ug/l	98
71) Bromoform	12.10	173	42087	17.870	ug/l #	96
73) Isopropylbenzene	12.23	105	250605	19.041	ug/l	100
74) N-amyl acetate	12.05	43	112601	19.808	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	81207	20.178	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	113301	28.485	ug/l #	100
77) Bromobenzene	12.50	156	63704	19.726	ug/l	98
78) n-propylbenzene	12.57	91	282602	18.450	ug/l	100
79) 2-Chlorotoluene	12.65	91	180678	19.180	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	209553	18.979	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	26801	19.406	ug/l	98
82) 4-Chlorotoluene	12.75	91	188427	19.268	ug/l	99
83) tert-Butylbenzene	12.97	119	165769	18.354	ug/l	96
84) 1,2,4-Trimethylbenzene	13.02	105	210421	19.088	ug/l	100
85) sec-Butylbenzene	13.15	105	212577	17.920	ug/l	100
86) p-Isopropyltoluene	13.26	119	191697	18.267	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	106509	18.230	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	108811	17.887	ug/l	98
89) n-Butylbenzene	13.59	91	163051	16.834	ug/l	98
90) Hexachloroethane	13.85	117	37900	18.637	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	108948	18.827	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18185	19.267	ug/l	98

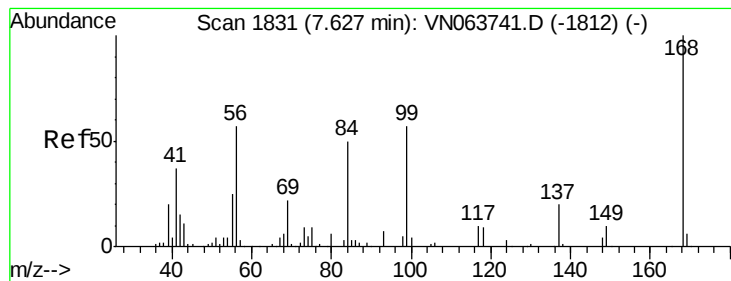
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	47358	16.264	ug/l	100
94) Hexachlorobutadiene	14.98	225	28004	17.891	ug/l	98
95) Naphthalene	15.10	128	154483	17.181	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	47300	16.581	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: VN063814.D

Acq: 2 Oct 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

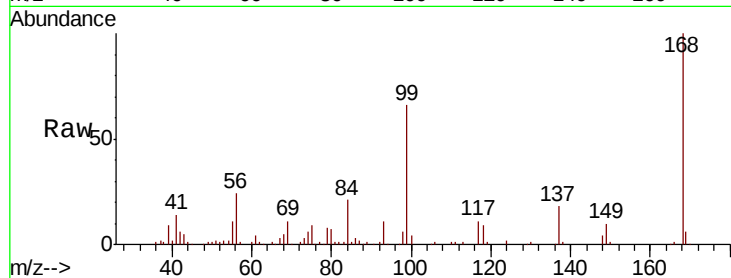
VN1002WBS01

Tot Ion:168 Resp: 251954

Ion Ratio Lower Upper

168 100

99 65.2 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): VN063741.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN063741.D (-1812) (-)

7.63

120000

100000

80000

60000

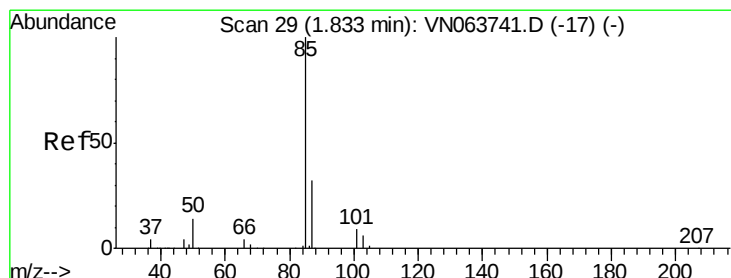
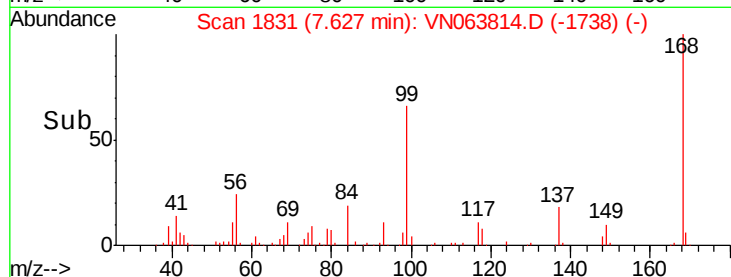
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.711 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063814.D

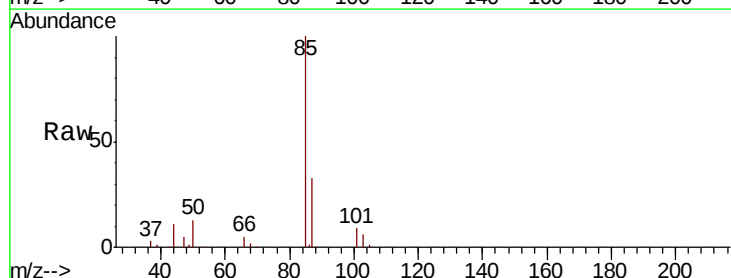
Acq: 2 Oct 2020 12:16

Tgt Ion: 85 Resp: 47086

Ion Ratio Lower Upper

85 100

87 33.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN063741.D (-17) (-)

Ion 86.90 (86.60 to 87.60): VN063741.D (-17) (-)

1.83

40000

30000

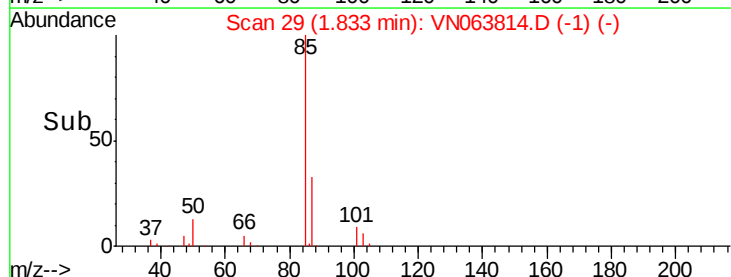
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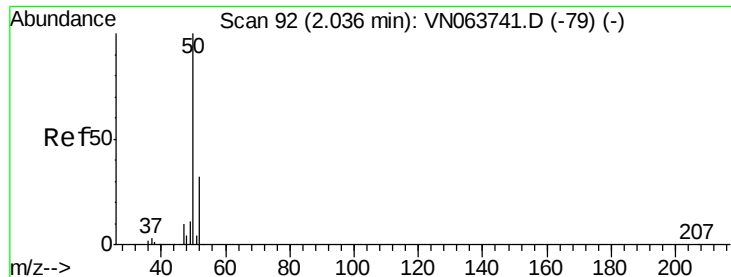
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 17.982 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063814.D

Acq: 2 Oct 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

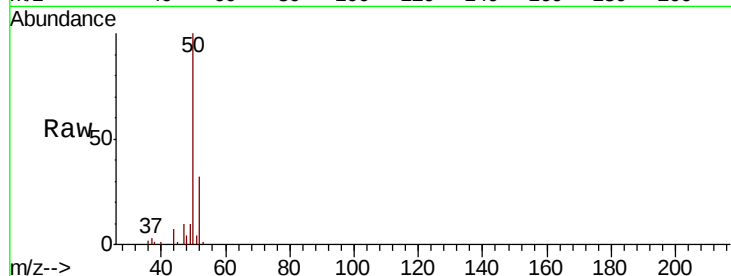
VN1002WBS01

Tot Ion: 50 Resp: 56094

Ion Ratio Lower Upper

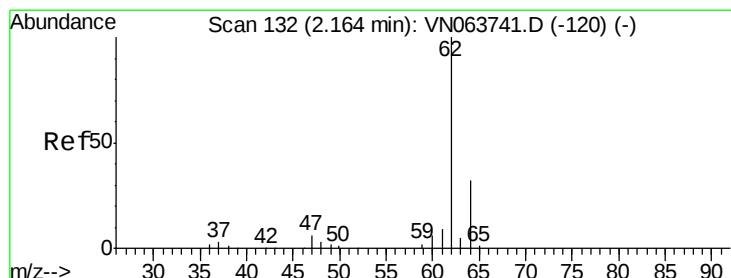
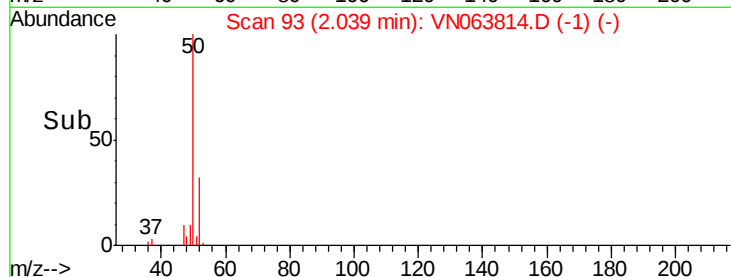
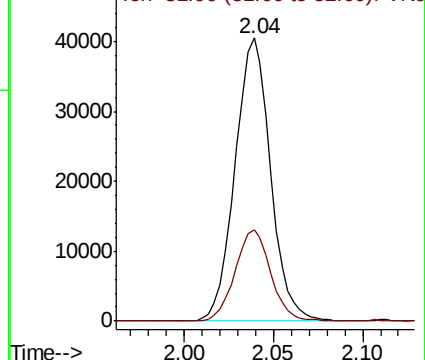
50 100

52 32.1 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 17.744 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063814.D

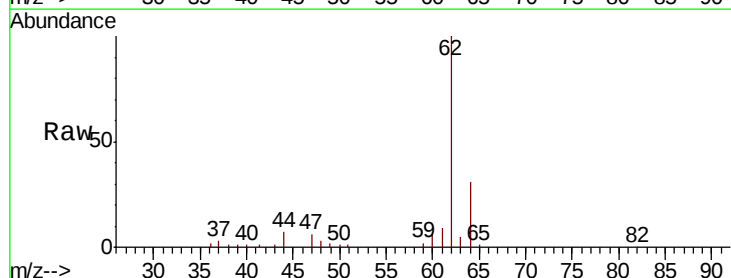
Acq: 2 Oct 2020 12:16

Tgt Ion: 62 Resp: 55561

Ion Ratio Lower Upper

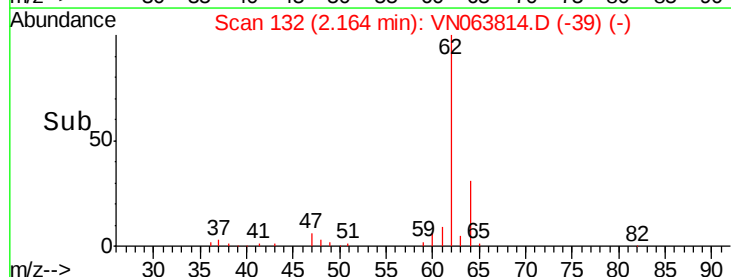
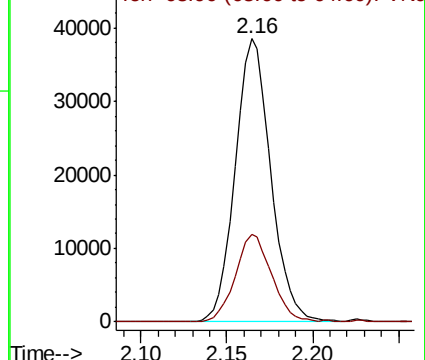
62 100

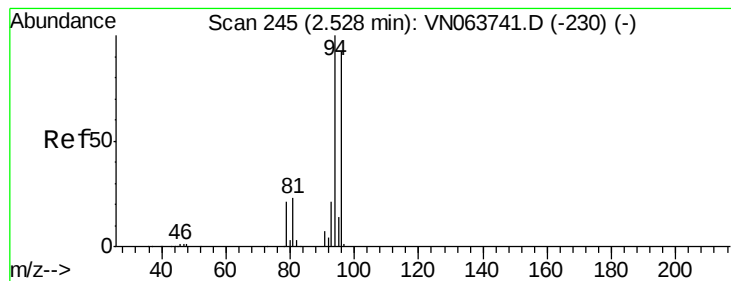
64 31.1 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 18.529 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN063814.D

Acq: 2 Oct 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

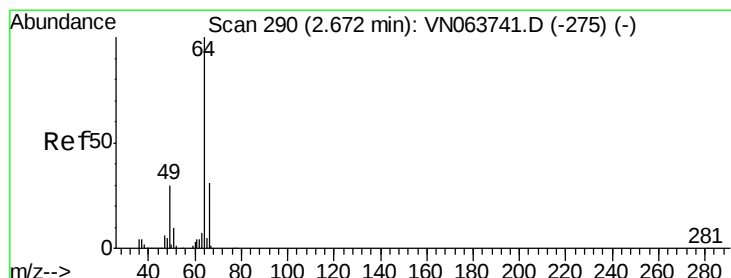
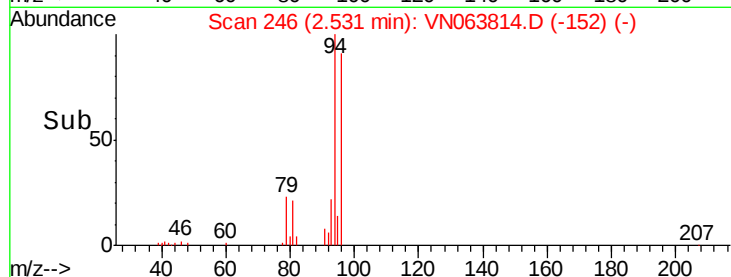
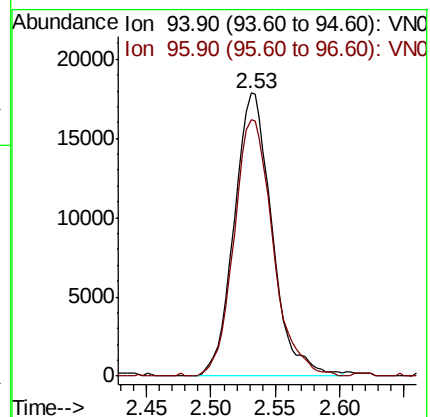
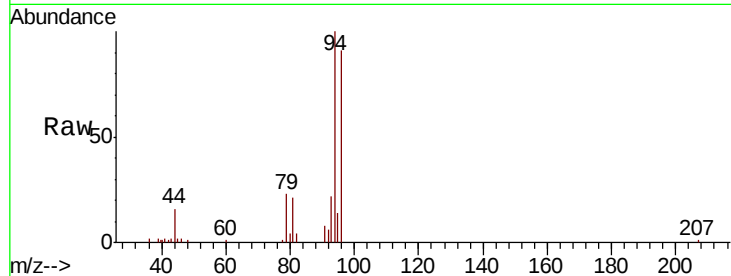
VN1002WBS01

Tot Ion: 94 Resp: 36494

Ion Ratio Lower Upper

94 100

96 90.8 73.3 109.9



#6

Chloroethane

Concen: 19.124 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063814.D

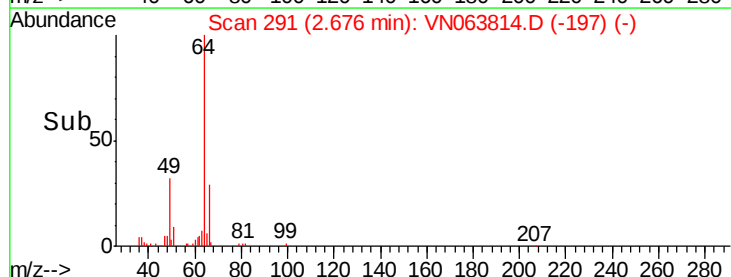
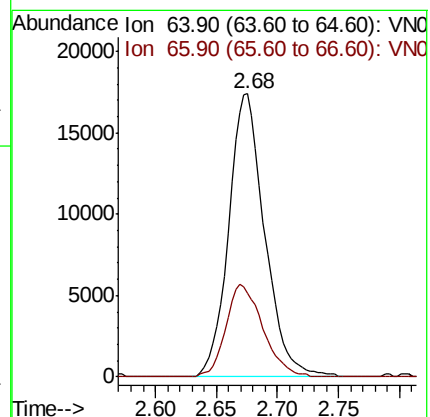
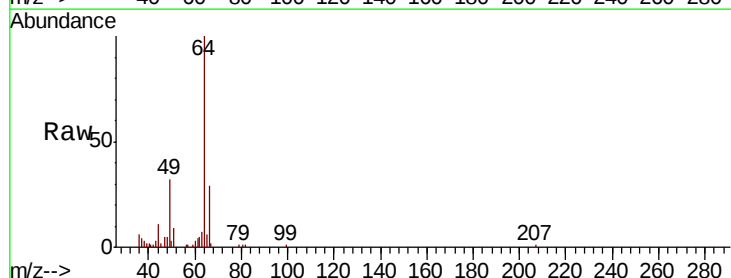
Acq: 2 Oct 2020 12:16

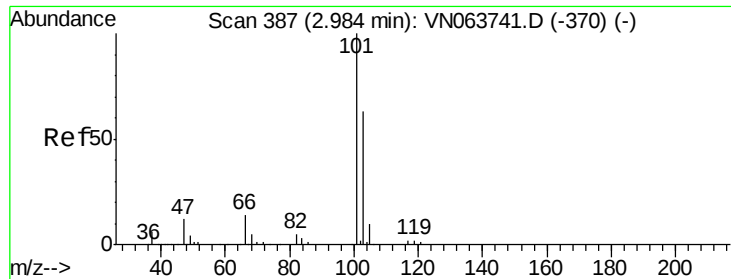
Tgt Ion: 64 Resp: 35782

Ion Ratio Lower Upper

64 100

66 29.4 25.1 37.7



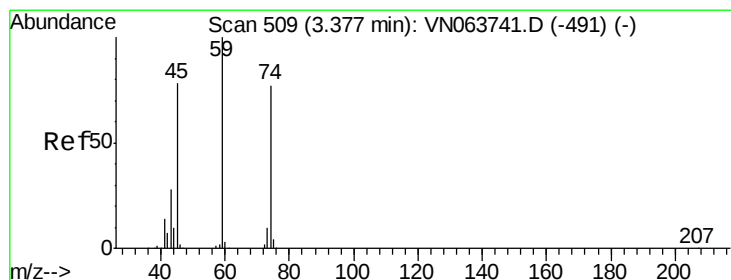
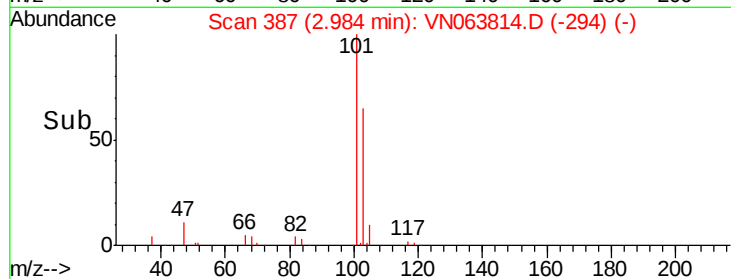
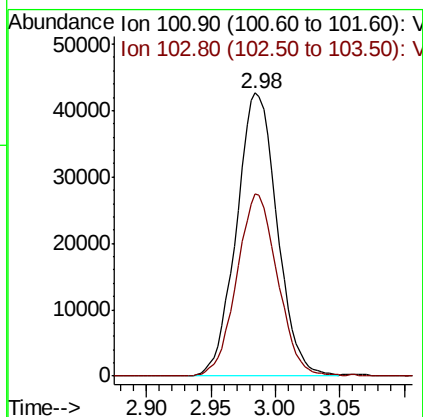
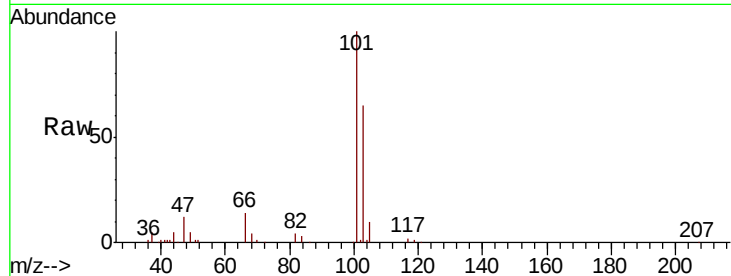


#7

Trichlorofluoromethane
 Concen: 18.844 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN063814.D
 Acq: 2 Oct 2020 12:16

Instrument :
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 VN1002WBS01

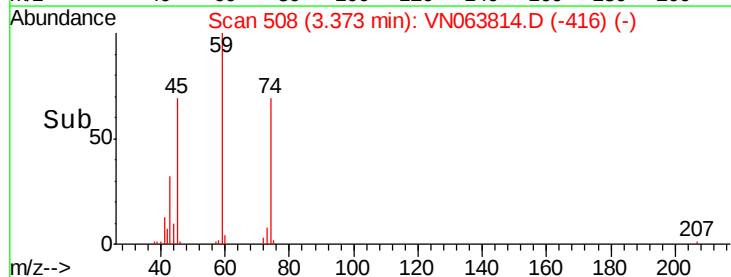
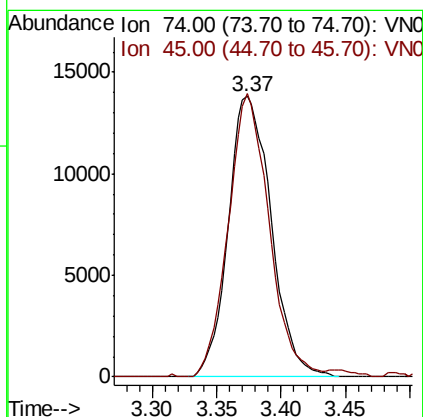
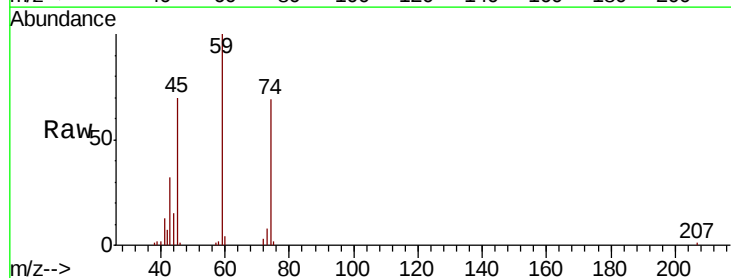
Tot Ion:101 Resp: 93582
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.7 76.1



#8

Diethyl Ether
 Concen: 18.996 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063814.D
 Acq: 2 Oct 2020 12:16

Tgt Ion: 74 Resp: 31904
 Ion Ratio Lower Upper
 74 100
 45 96.0 50.9 152.8

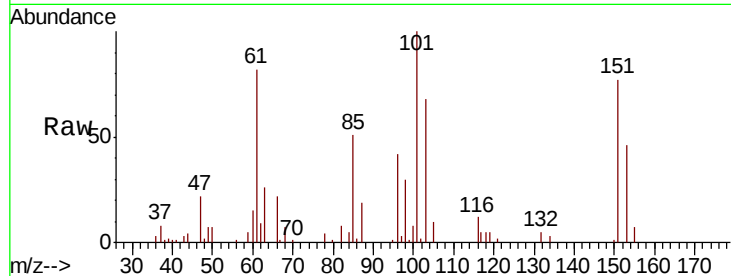




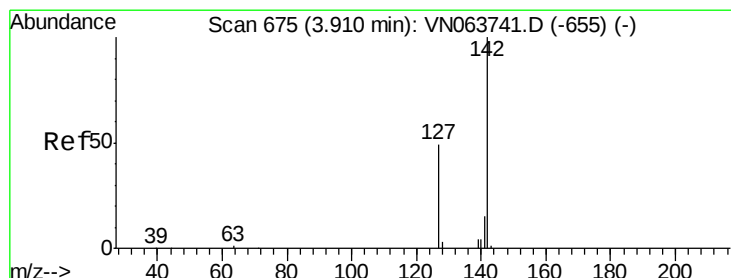
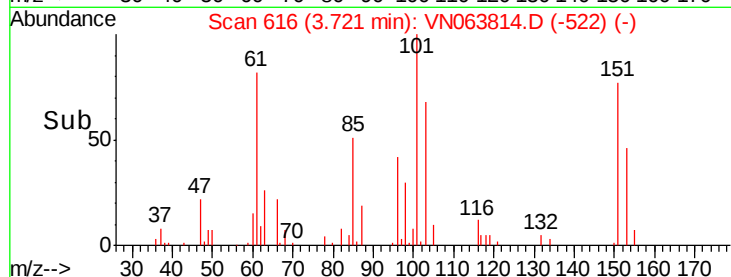
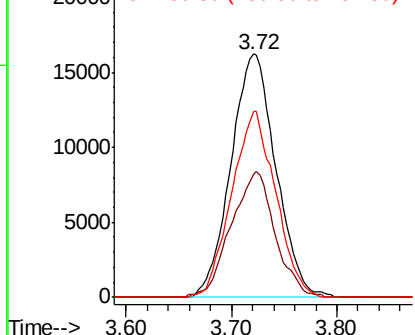
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.123 ug/l
 RT: 3.72 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: VN063814.D
 Acq: 2 Oct 2020 12:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBS01

Tot Ion:101 Resp: 48104
 Ion Ratio Lower Upper
 101 100
 85 50.4 38.6 58.0
 151 74.7 58.7 88.1

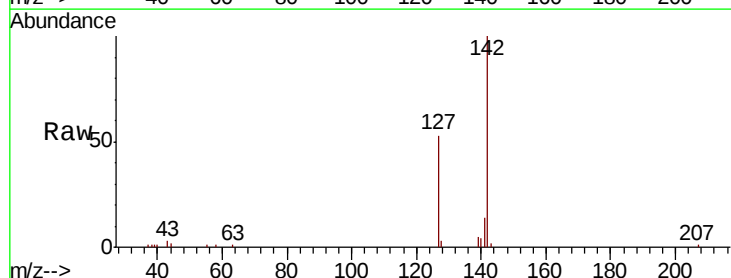


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

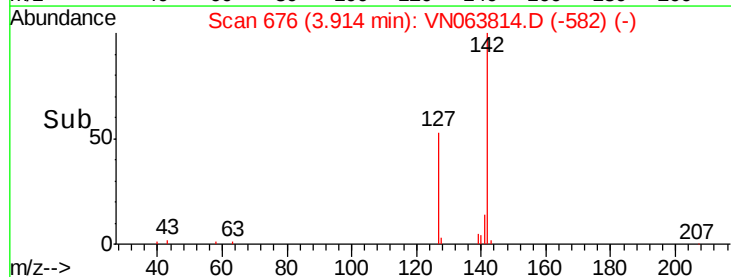
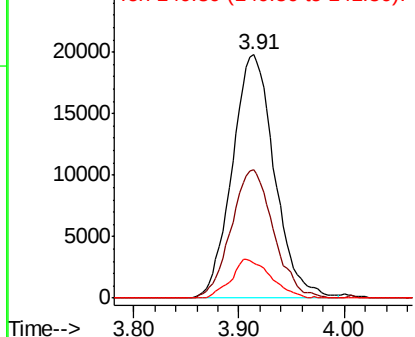


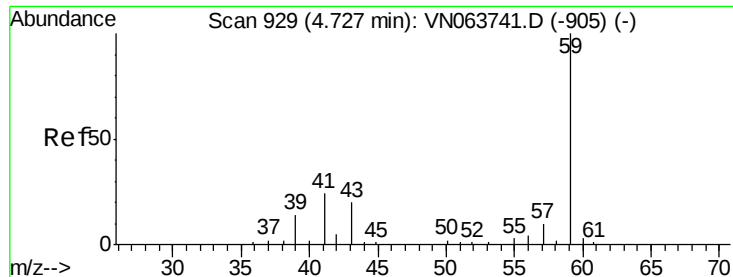
#10
 Methyl Iodide
 Concen: 17.908 ug/l
 RT: 3.91 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: VN063814.D
 Acq: 2 Oct 2020 12:16

Tgt Ion:142 Resp: 55193
 Ion Ratio Lower Upper
 142 100
 127 52.7 40.5 60.7
 141 15.0 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

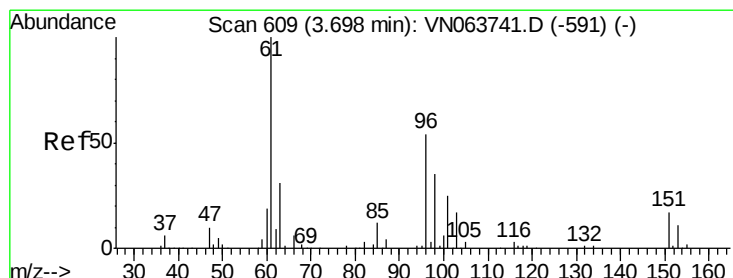
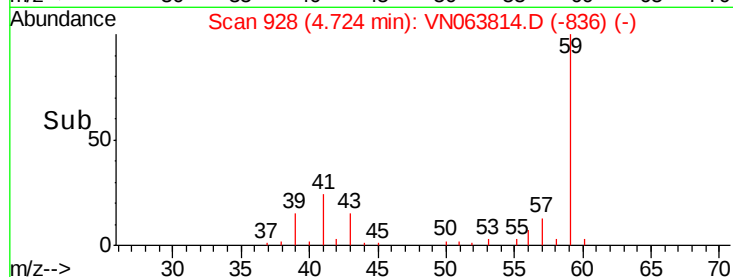
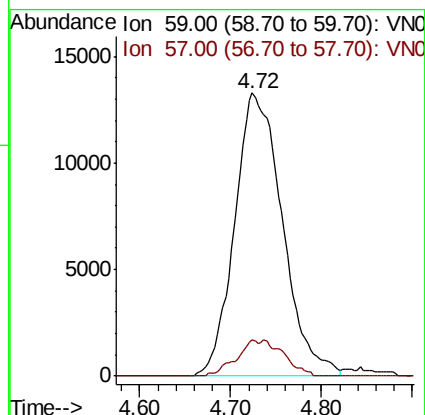
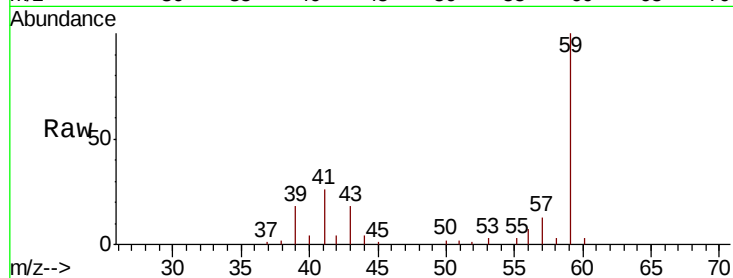




#11
Tert butyl alcohol
Concen: 105.310 ug/l
RT: 4.72 min Scan# 928
Delta R.T. -0.00 min
Lab File: VN063814.D
Acq: 2 Oct 2020 12:16

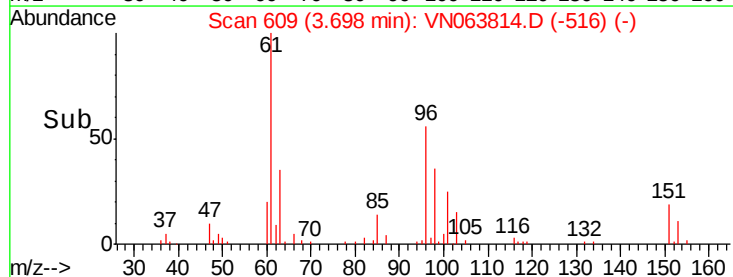
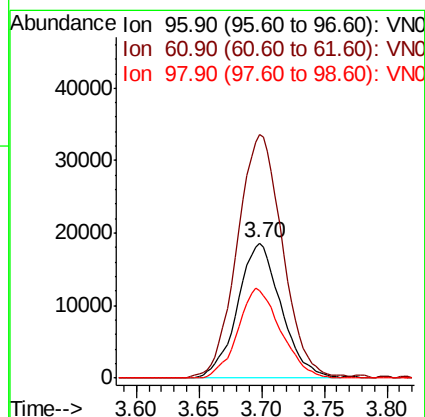
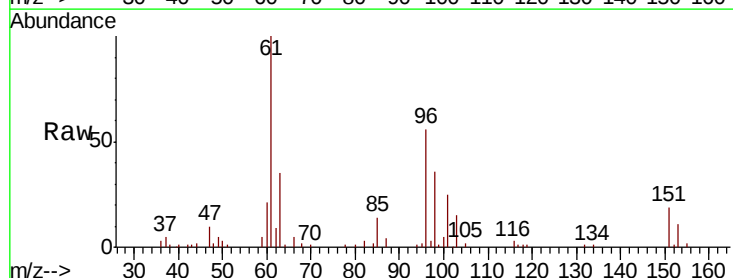
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBS01

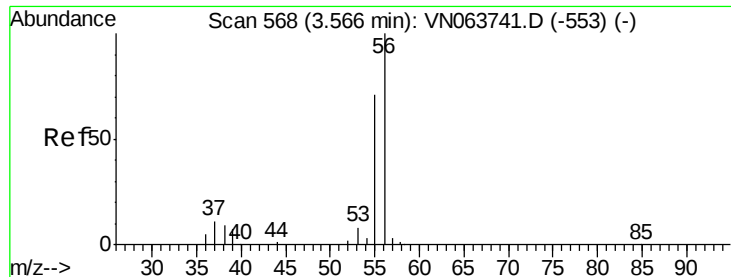
Tot Ion: 59 Resp: 48395
Ion Ratio Lower Upper
59 100
57 5.9 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 17.800 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN063814.D
Acq: 2 Oct 2020 12:16

Tgt Ion: 96 Resp: 45160
Ion Ratio Lower Upper
96 100
61 178.7 147.7 221.5
98 64.9 51.9 77.9





#13

Acrolein

Concen: 91.191 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063814.D

Acq: 2 Oct 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

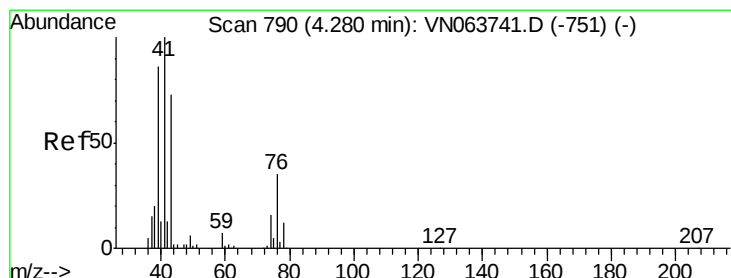
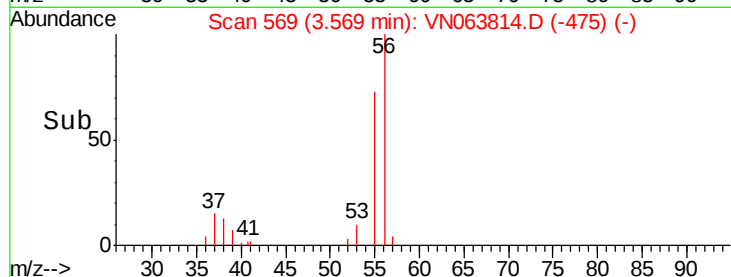
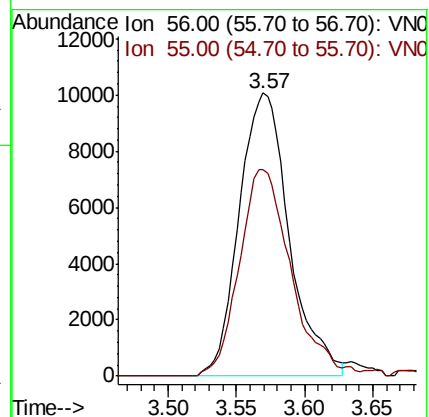
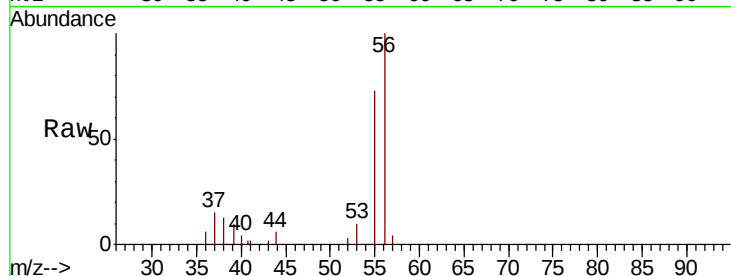
VN1002WBS01

Tot Ion: 56 Resp: 25720

Ion Ratio Lower Upper

56 100

55 75.1 56.9 85.3



#14

Allyl chloride

Concen: 19.434 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063814.D

Acq: 2 Oct 2020 12:16

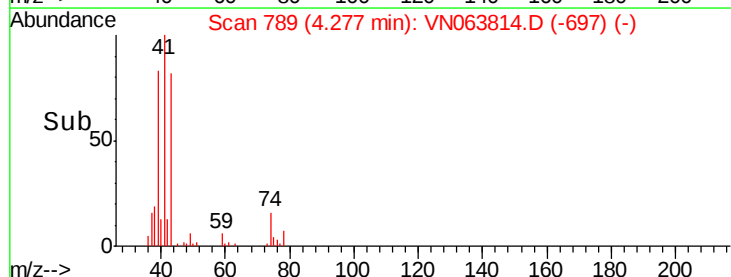
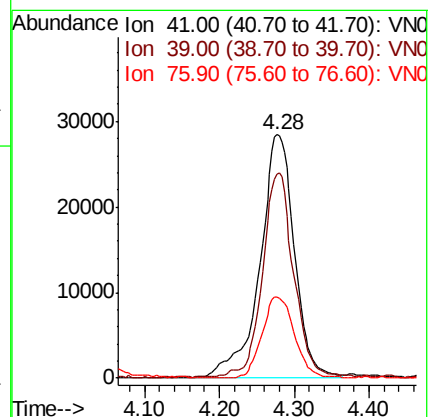
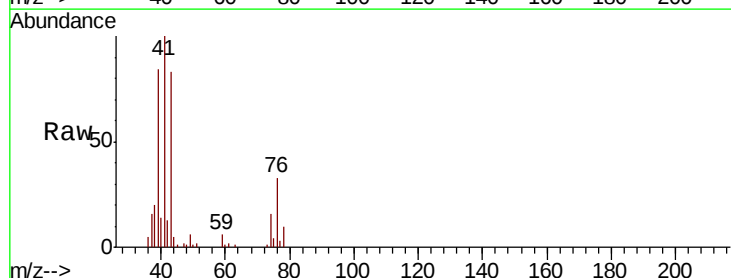
Tgt Ion: 41 Resp: 91602

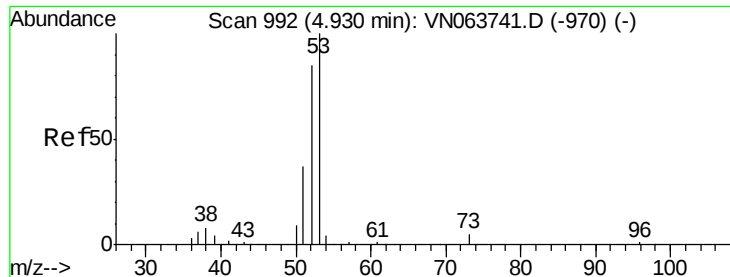
Ion Ratio Lower Upper

41 100

39 74.3 64.5 96.7

76 31.3 25.9 38.9





#15

Acrylonitrile

Concen: 97.499 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN063814.D

Acq: 2 Oct 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBS01

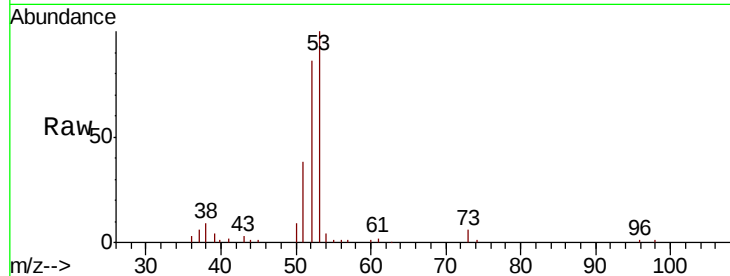
Tot Ion: 53 Resp: 128253

Ion Ratio Lower Upper

53 100

52 83.5 66.5 99.7

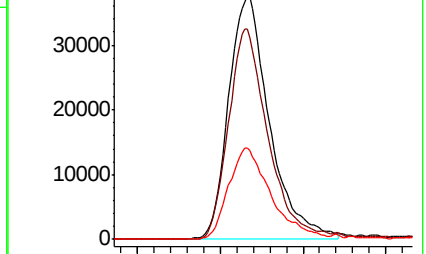
51 39.0 29.9 44.9



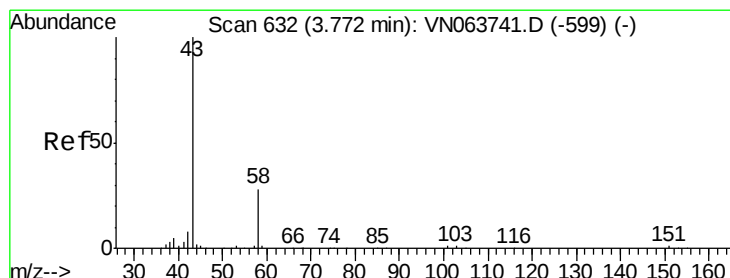
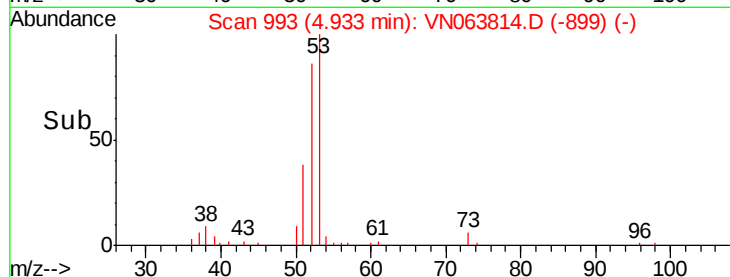
Abundance Ion 53.00 (52.70 to 53.70): VN063814.D (-899) (-)

Ion 52.00 (51.70 to 52.70): VN063814.D (-899) (-)

Ion 51.00 (50.70 to 51.70): VN063814.D (-899) (-)



Time-->



#16

Acetone

Concen: 102.466 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN063814.D

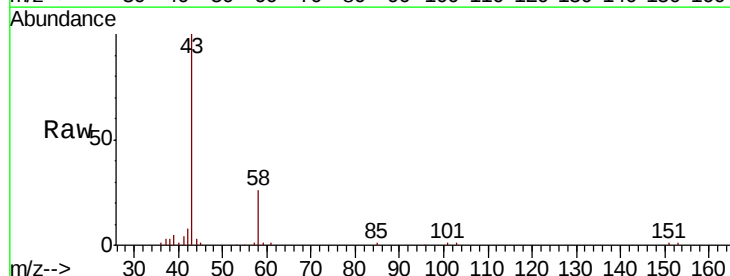
Acq: 2 Oct 2020 12:16

Tgt Ion: 43 Resp: 131293

Ion Ratio Lower Upper

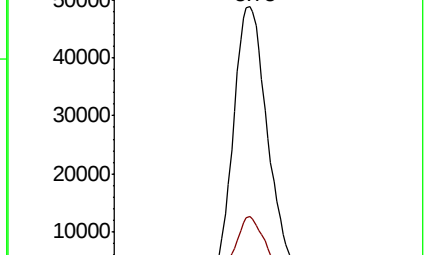
43 100

58 25.9 22.3 33.5

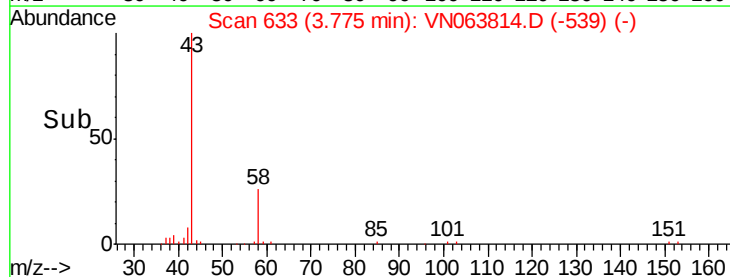


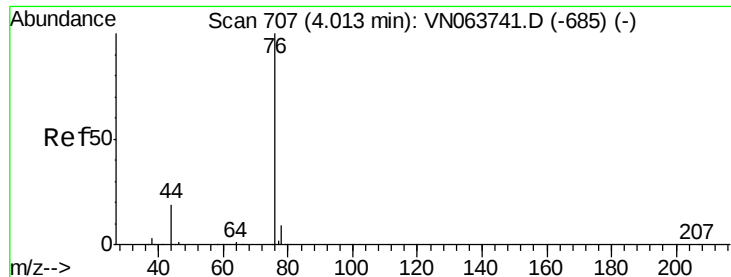
Abundance Ion 43.00 (42.70 to 43.70): VN063814.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN063814.D (-539) (-)



Time-->

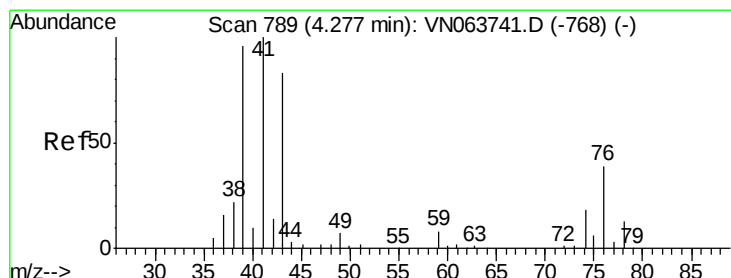
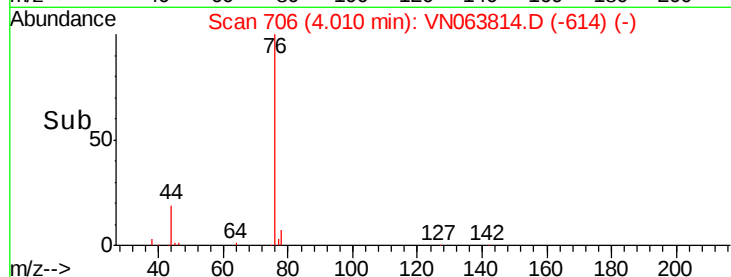
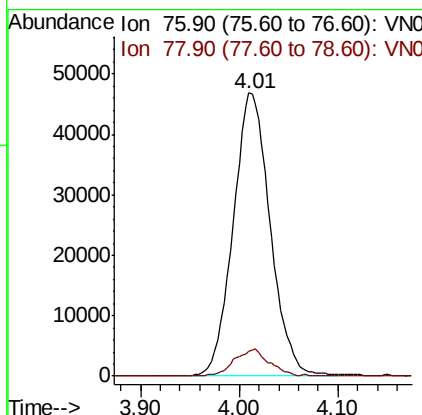
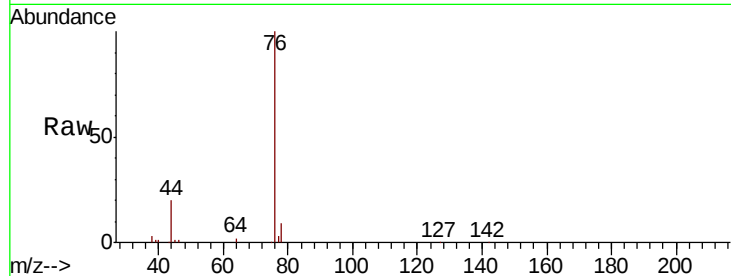




#17
Carbon Disulfide
Concen: 18.259 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063814.D
Acq: 2 Oct 2020 12:16

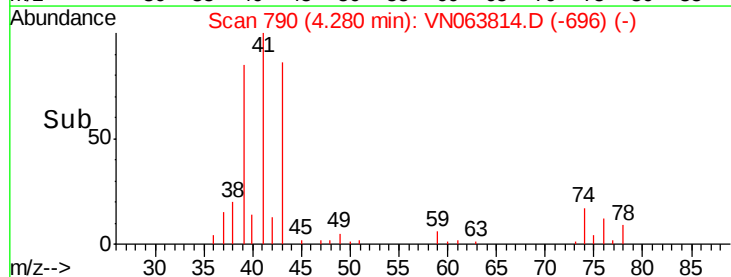
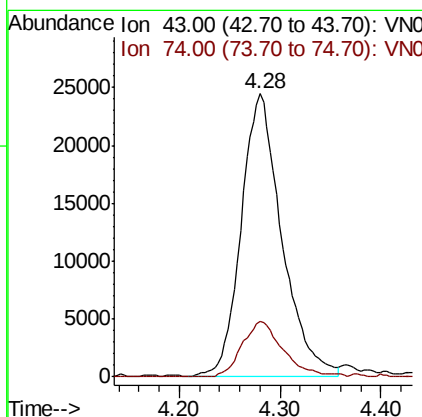
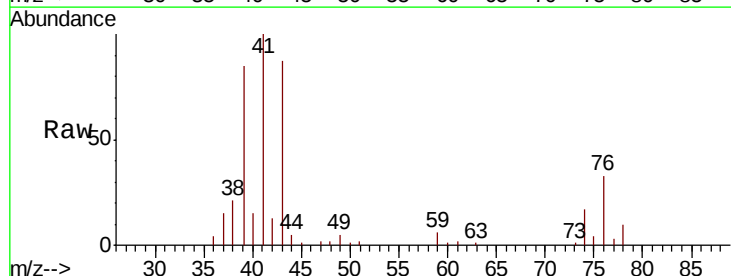
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBS01

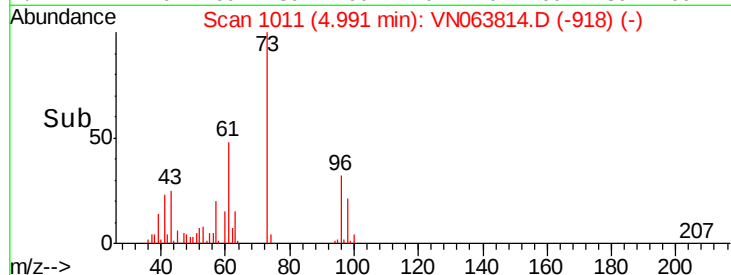
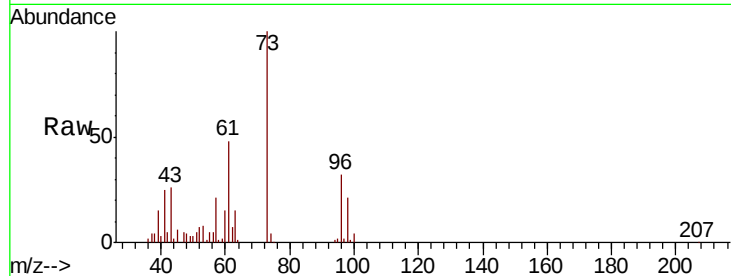
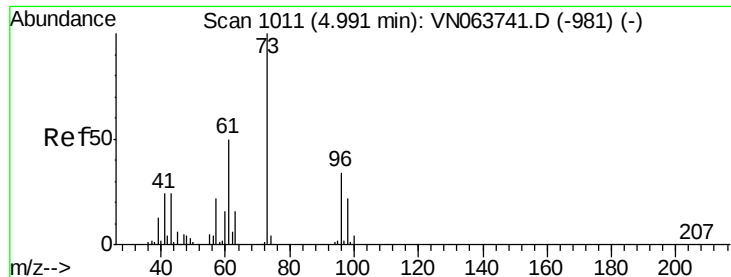
Tot Ion: 76 Resp: 122113
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.4



#18
Methyl Acetate
Concen: 20.601 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN063814.D
Acq: 2 Oct 2020 12:16

Tgt Ion: 43 Resp: 68535
Ion Ratio Lower Upper
43 100
74 19.5 17.4 26.2

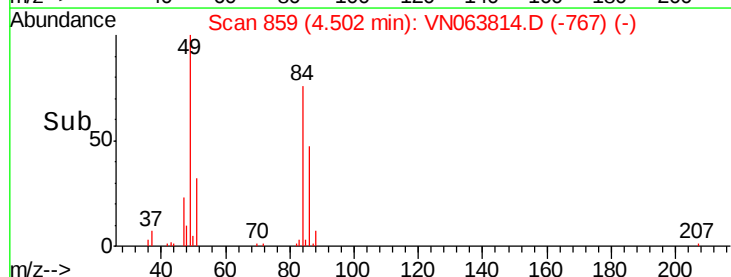
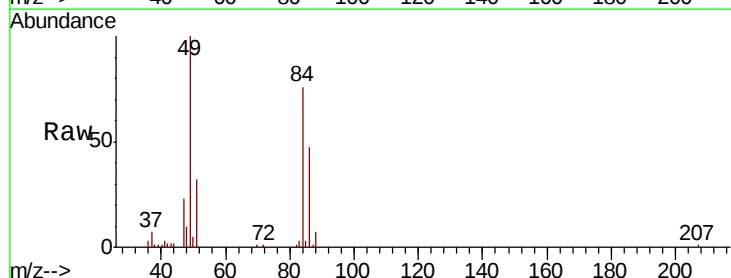
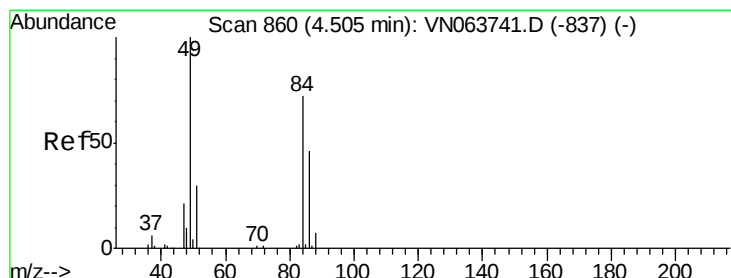
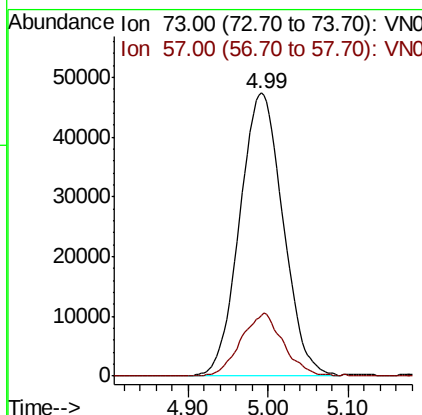




#19
Methyl tert-butyl Ether
Concen: 19.014 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063814.D
Acq: 2 Oct 2020 12:16

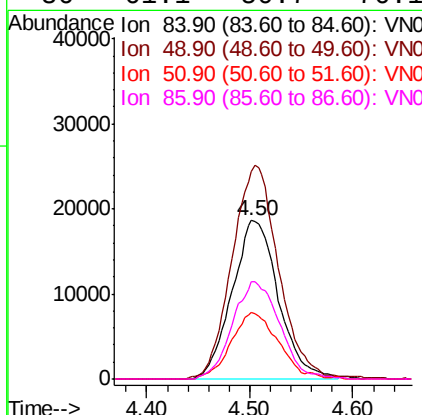
Instrument :
MSVOA_N
ClientSampled :
VN1002WBS01

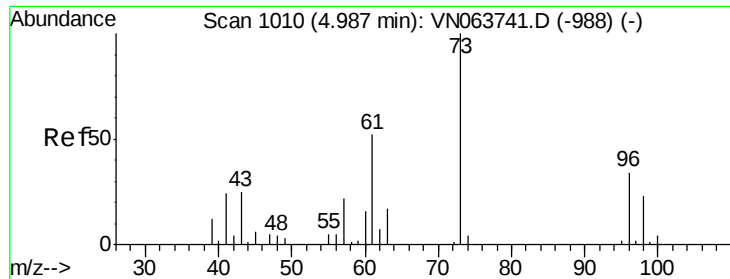
Tot Ion: 73 Resp: 175266
Ion Ratio Lower Upper
73 100
57 21.4 17.6 26.4



#20
Methylene Chloride
Concen: 19.893 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063814.D
Acq: 2 Oct 2020 12:16

Tgt Ion: 84 Resp: 58209
Ion Ratio Lower Upper
84 100
49 130.1 110.4 165.6
51 41.9 33.3 49.9
86 61.1 50.7 76.1

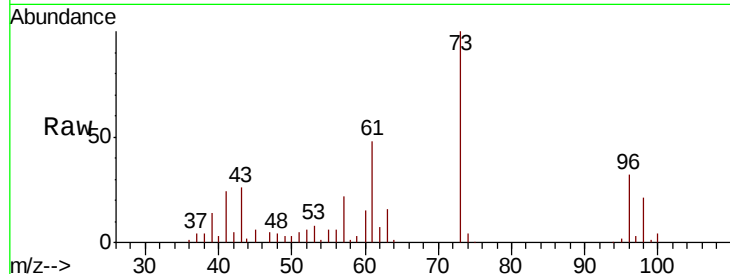




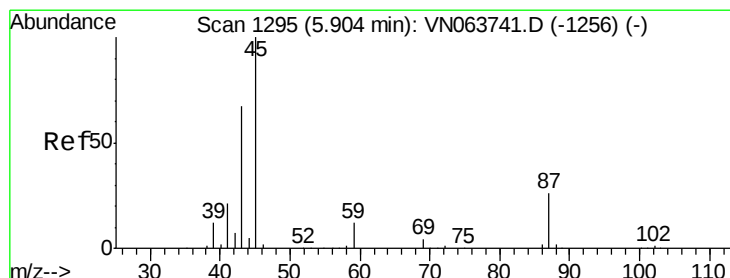
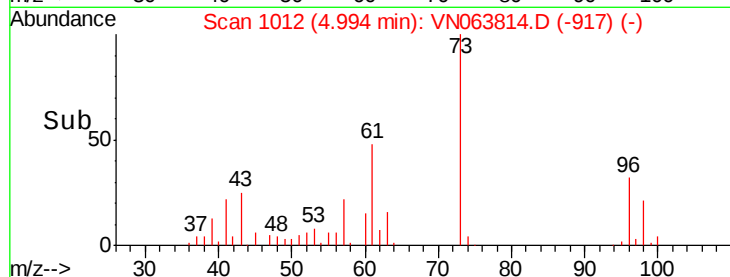
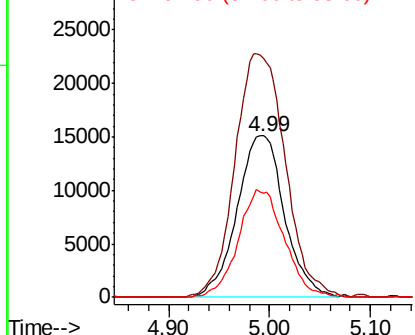
#21
trans-1,2-Dichloroethene
Concen: 17.341 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN063814.D
Acq: 2 Oct 2020 12:16

Instrument :
MSVOA_N
ClientSampleId :
VN1002WBS01

Tot Ion: 96 Resp: 49280
Ion Ratio Lower Upper
96 100
61 146.7 120.2 180.2
98 64.7 52.6 79.0

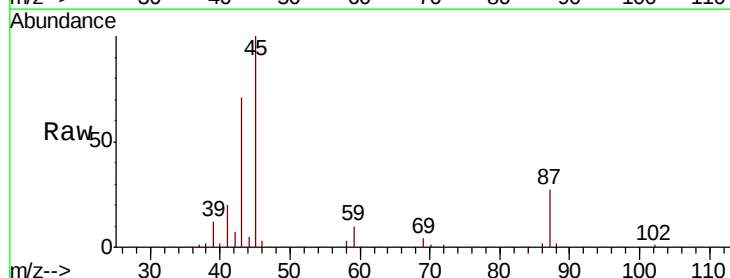


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

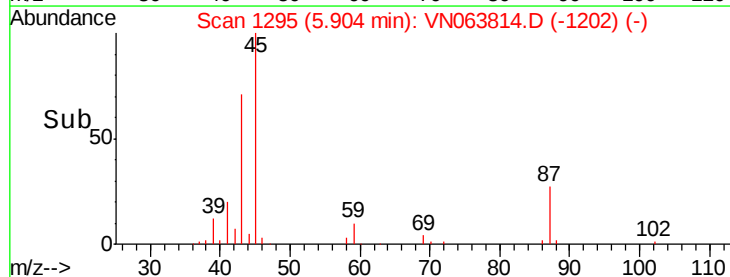
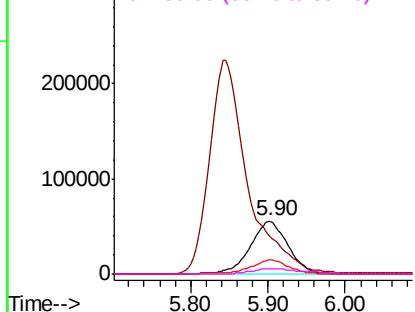


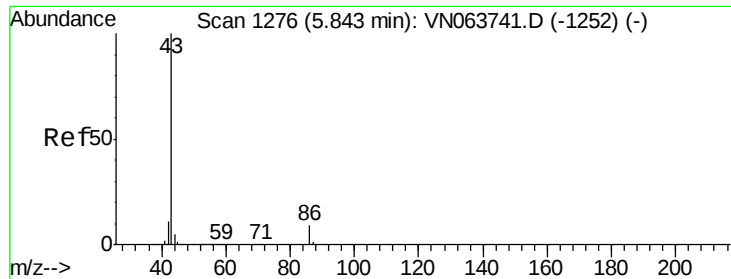
#22
Diisopropyl ether
Concen: 19.480 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063814.D
Acq: 2 Oct 2020 12:16

Tgt Ion: 45 Resp: 188910
Ion Ratio Lower Upper
45 100
43 67.9 53.7 80.5
87 26.5 21.1 31.7
59 10.1 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

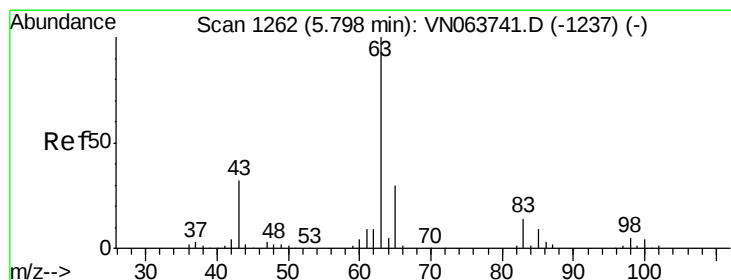
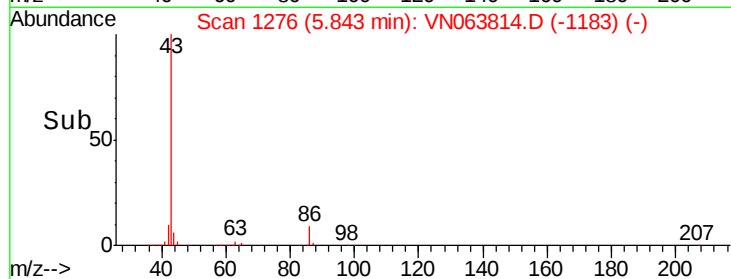
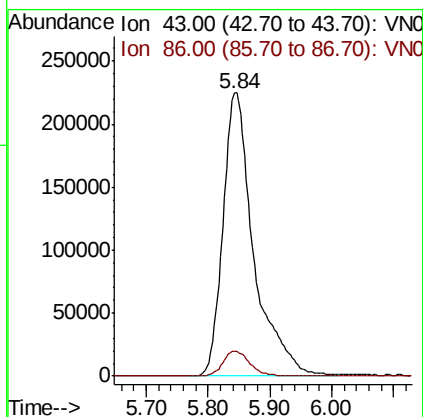
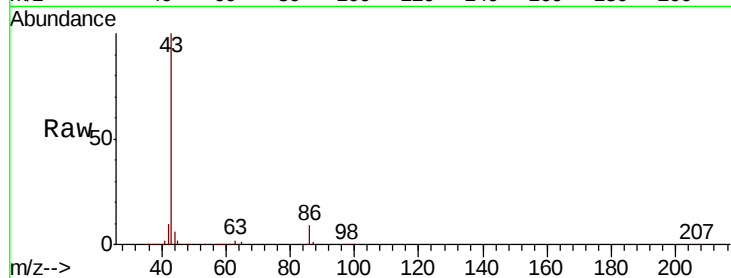




#23
 Vinyl Acetate
 Concen: 96.884 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN063814.D
 Acq: 2 Oct 2020 12:16

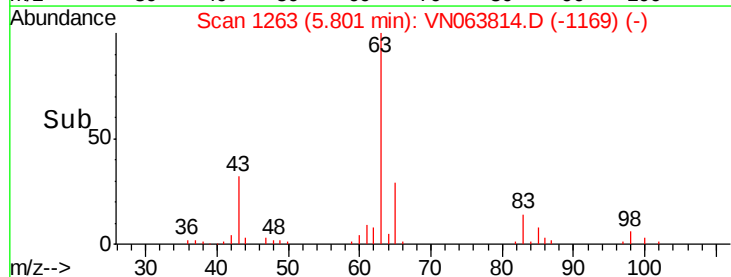
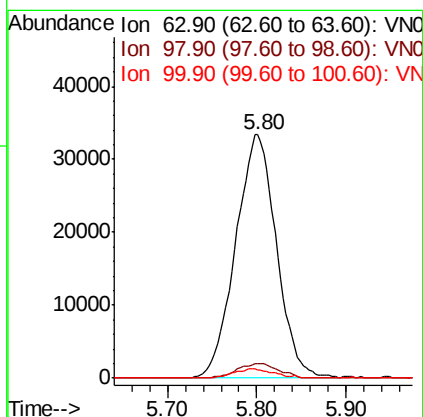
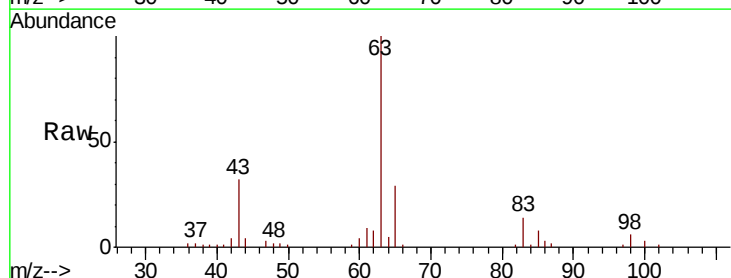
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBS01

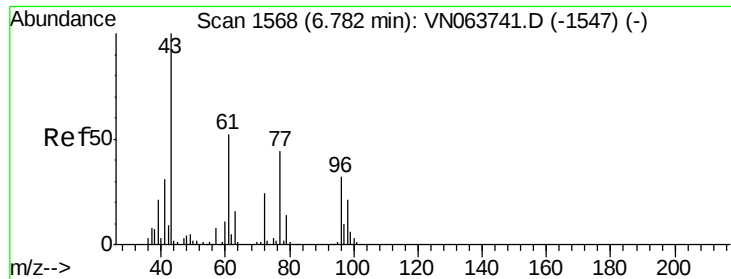
Tot Ion: 43 Resp: 778291
 Ion Ratio Lower Upper
 43 100
 86 8.7 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 19.097 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN063814.D
 Acq: 2 Oct 2020 12:16

Tgt Ion: 63 Resp: 105890
 Ion Ratio Lower Upper
 63 100
 98 6.1 2.7 8.1
 100 3.4 1.9 5.7

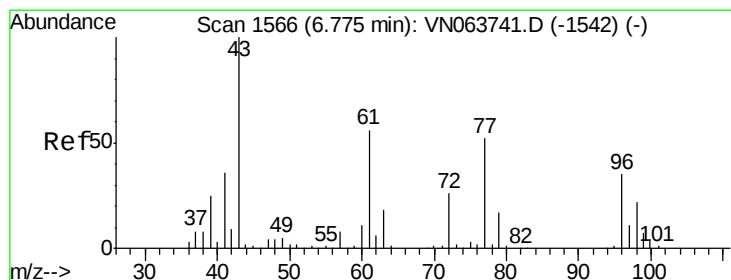
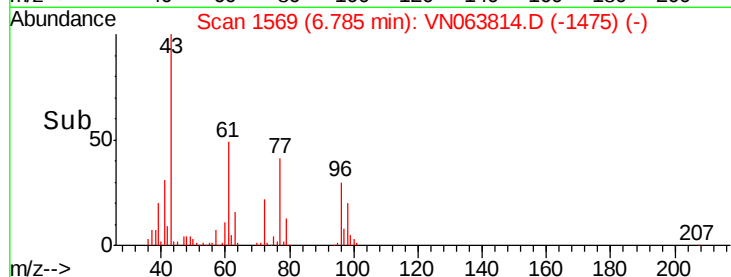
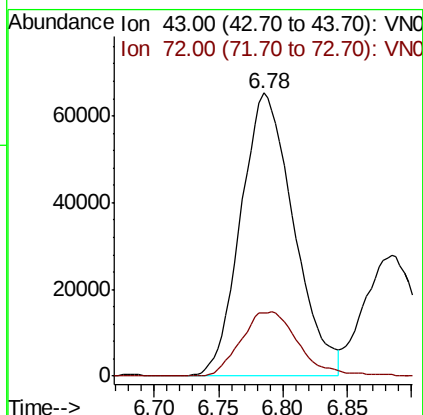
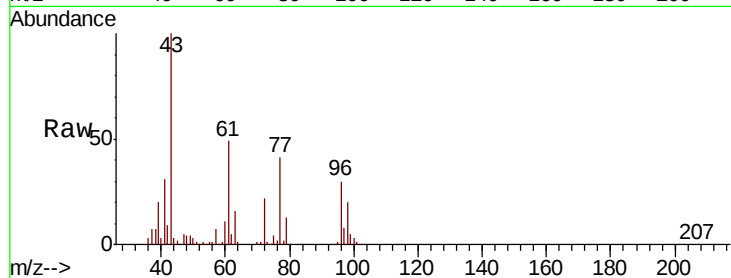




#25
 2-Butanone
 Concen: 102.242 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VN063814.D
 Acq: 2 Oct 2020 12:16

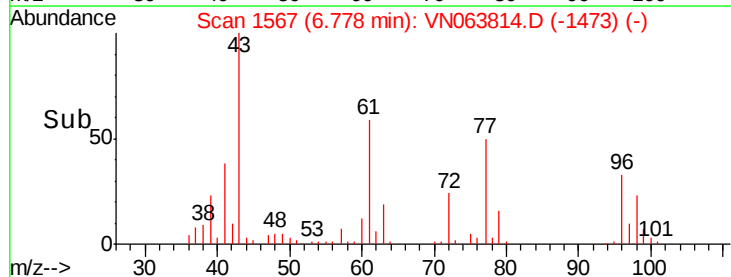
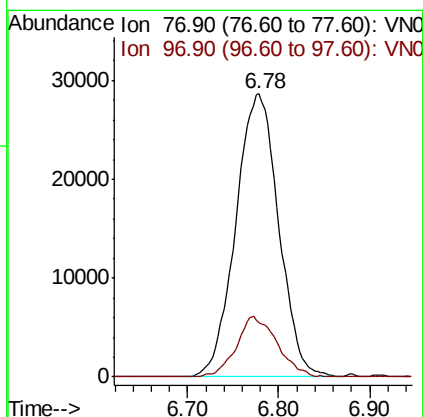
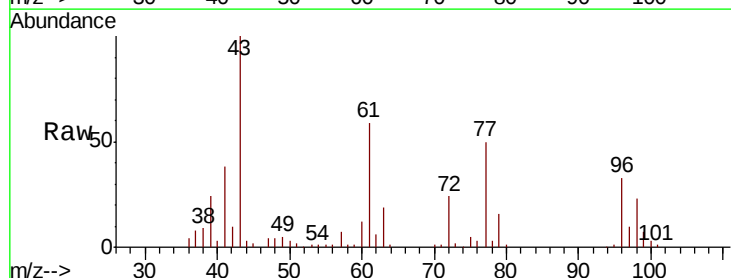
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBS01

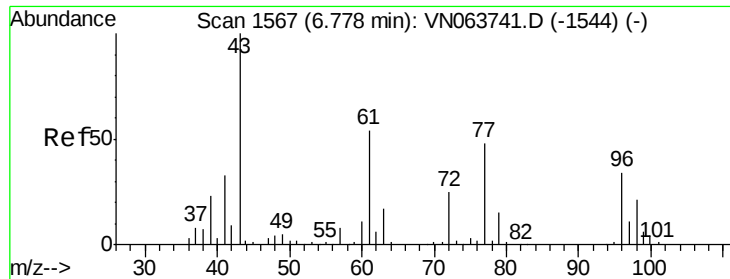
Tot Ion: 43 Resp: 185735
 Ion Ratio Lower Upper
 43 100
 72 22.4 19.3 28.9



#26
 2,2-Dichloropropane
 Concen: 18.460 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN063814.D
 Acq: 2 Oct 2020 12:16

Tgt Ion: 77 Resp: 93737
 Ion Ratio Lower Upper
 77 100
 97 20.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.059 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063814.D

Acq: 2 Oct 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBS01

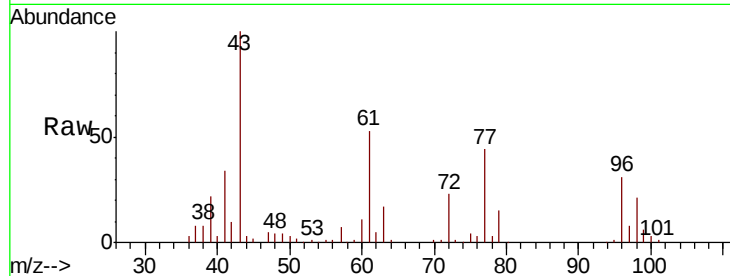
Tot Ion: 96 Resp: 59024

Ion Ratio Lower Upper

96 100

61 166.4 0.0 321.2

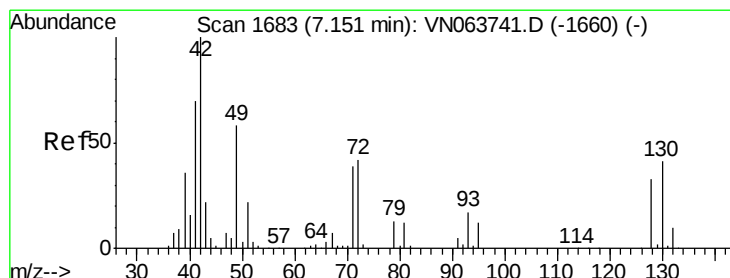
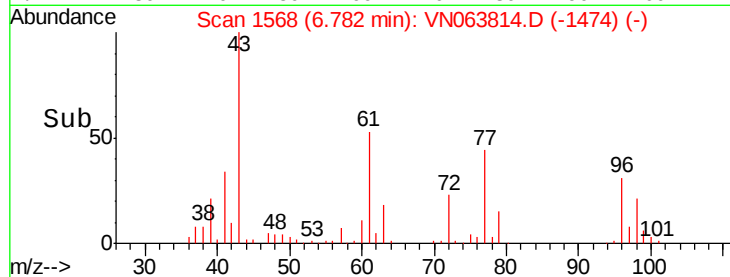
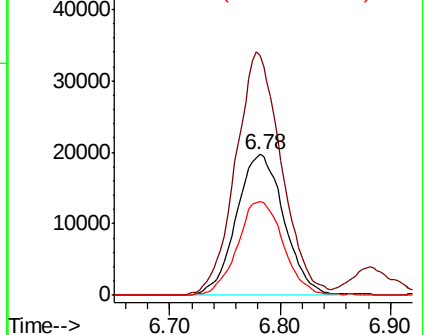
98 64.2 0.0 124.4



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: 19.098 ug/l

RT: 7.15 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VN063814.D

Acq: 2 Oct 2020 12:16

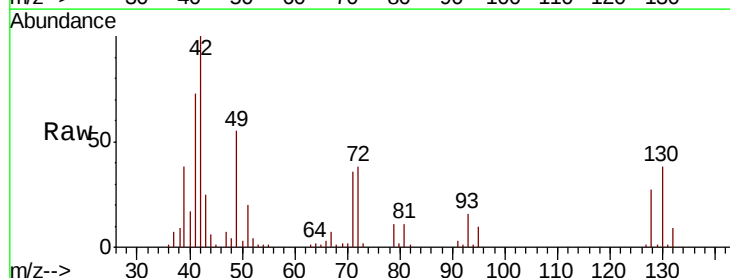
Tgt Ion: 49 Resp: 52340

Ion Ratio Lower Upper

49 100

129 0.9 0.0 4.8

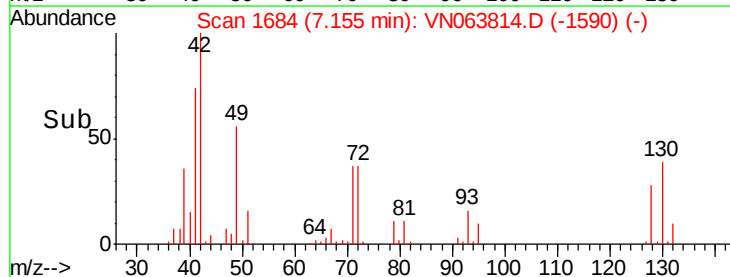
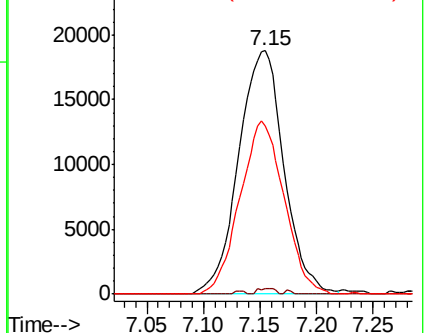
130 69.1 55.6 83.4

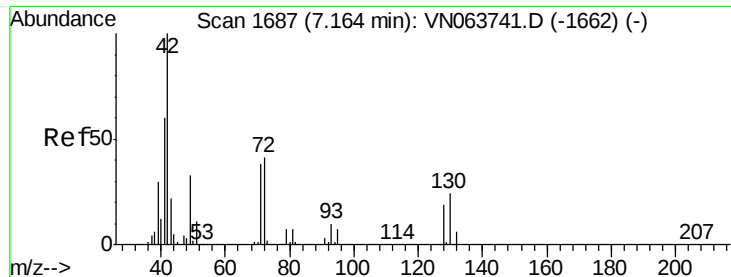


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

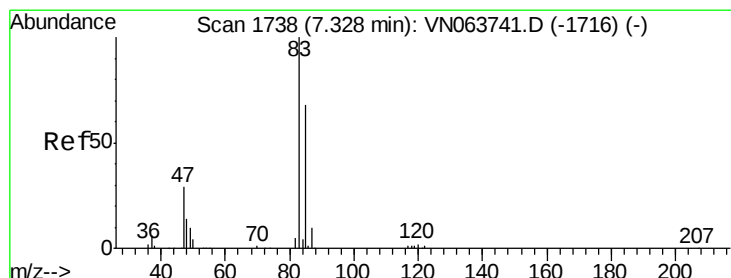
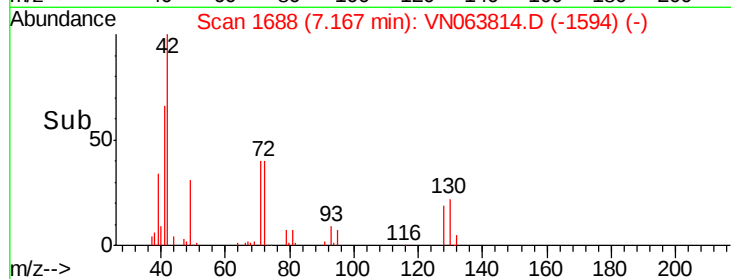
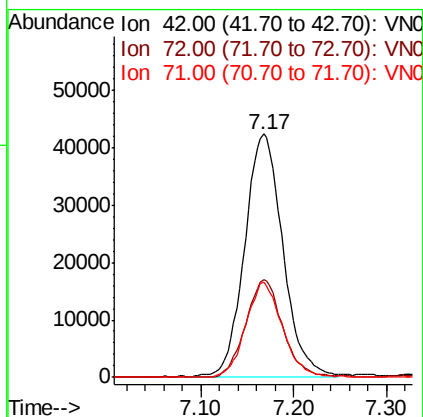
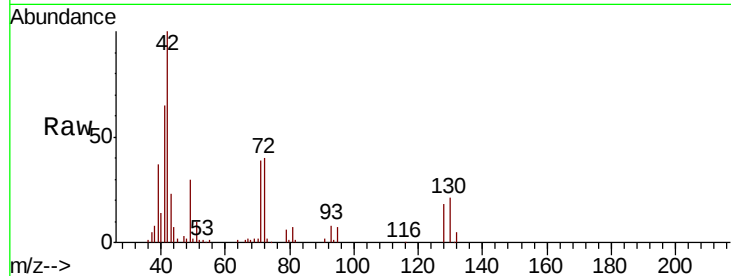




#29
Tetrahydrofuran
Concen: 100.004 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063814.D
Acq: 2 Oct 2020 12:16

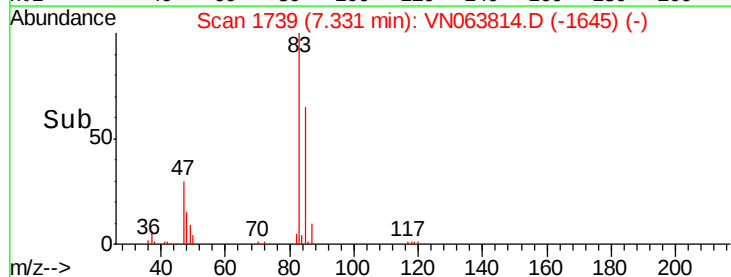
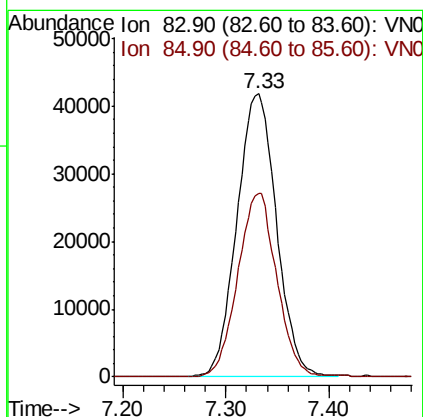
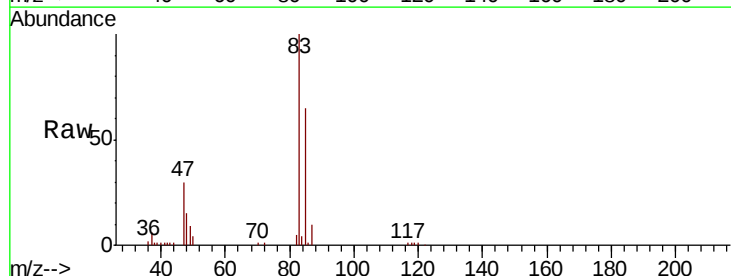
Instrument :
MSVOA_N
ClientSampled :
VN1002WBS01

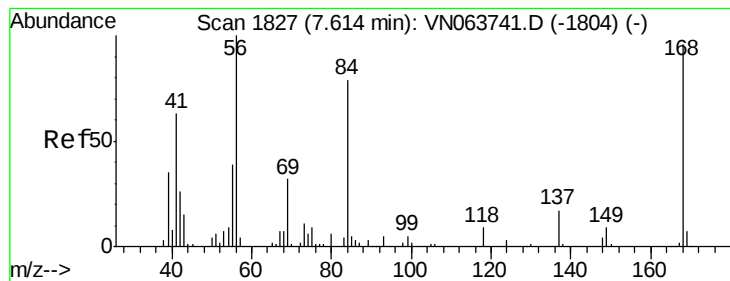
Tot Ion: 42 Resp: 121845
Ion Ratio Lower Upper
42 100
72 38.9 32.8 49.2
71 37.3 30.6 45.8



#30
Chloroform
Concen: 19.308 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063814.D
Acq: 2 Oct 2020 12:16

Tgt Ion: 83 Resp: 111631
Ion Ratio Lower Upper
83 100
85 65.0 54.6 82.0





#31

Cyclohexane

Concen: 17.903 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN063814.D

Acq: 2 Oct 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBS01

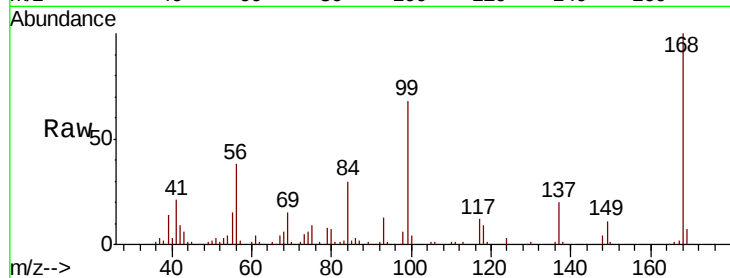
Tot Ion: 56 Resp: 86514

Ion Ratio Lower Upper

56 100

69 39.3 25.4 38.2#

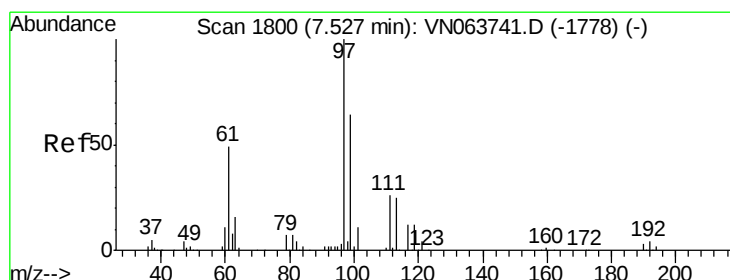
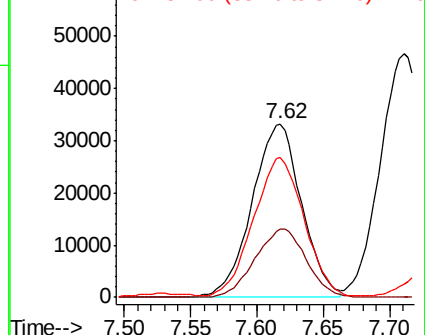
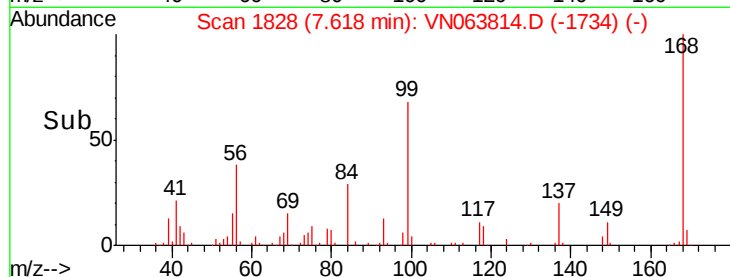
84 79.0 63.3 94.9



Abundance Ion 56.00 (55.70 to 56.70): VN063814.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN063814.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN063814.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 18.969 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN063814.D

Acq: 2 Oct 2020 12:16

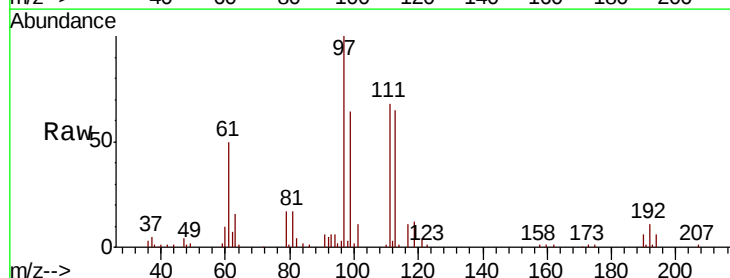
Tgt Ion: 97 Resp: 98922

Ion Ratio Lower Upper

97 100

99 63.5 51.0 76.6

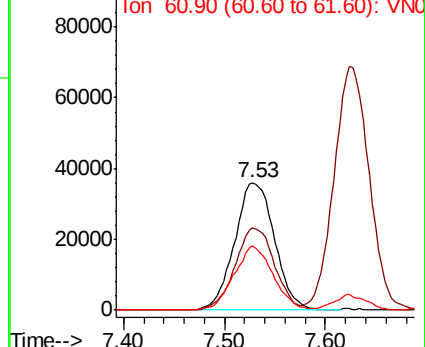
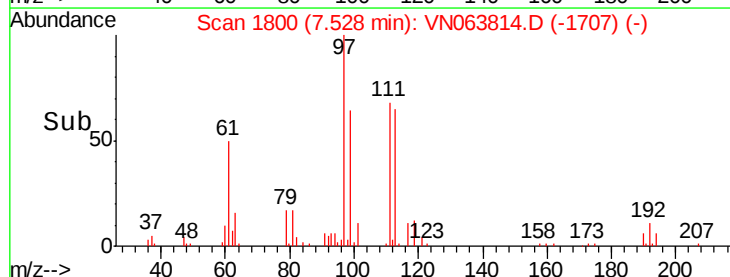
61 49.3 38.7 58.1

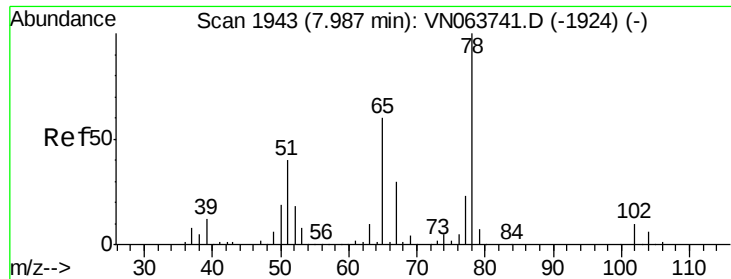


Abundance Ion 96.90 (96.60 to 97.60): VN063814.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN063814.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN063814.D (-1707) (-)

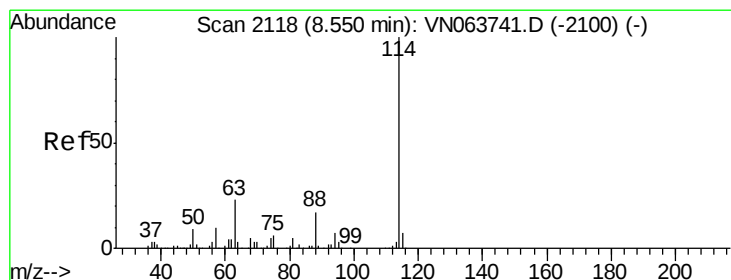
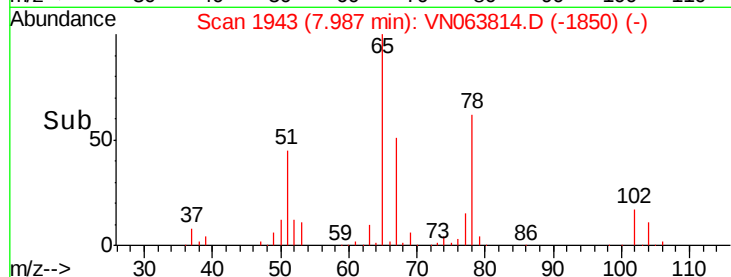
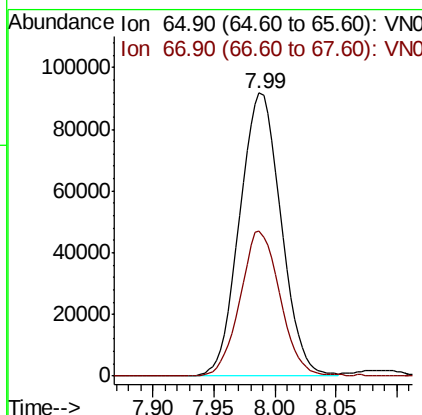
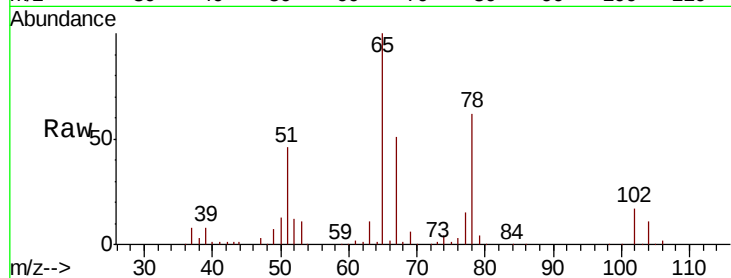




#33
 1,2-Dichloroethane-d4
 Concen: 51.776 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063814.D
 Acq: 2 Oct 2020 12:16

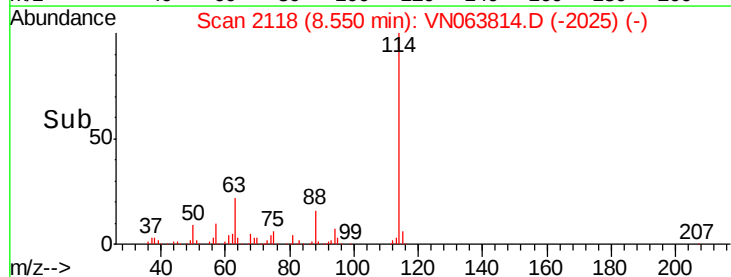
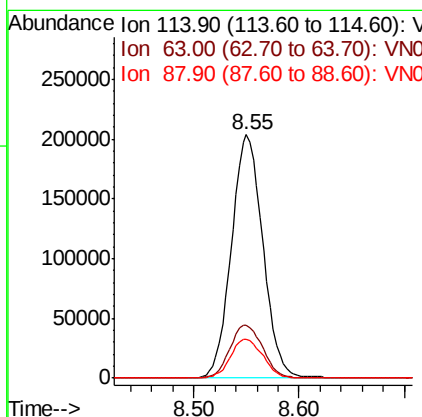
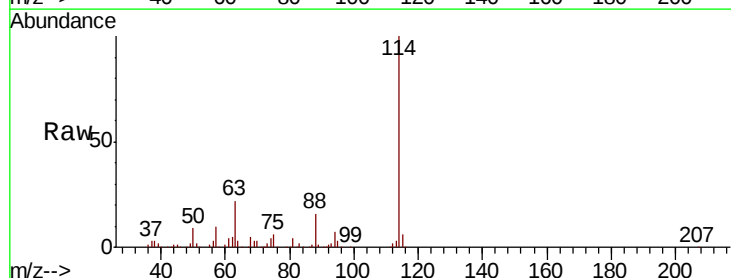
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBS01

Tot Ion: 65 Resp: 215517
 Ion Ratio Lower Upper
 65 100
 67 49.4 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: VN063814.D
 Acq: 2 Oct 2020 12:16

Tgt Ion: 114 Resp: 421655
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 45.0
 88 16.2 0.0 34.0

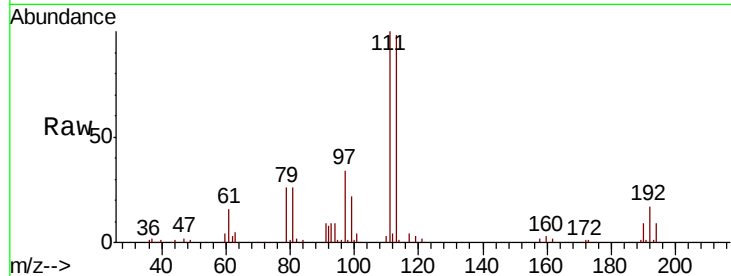




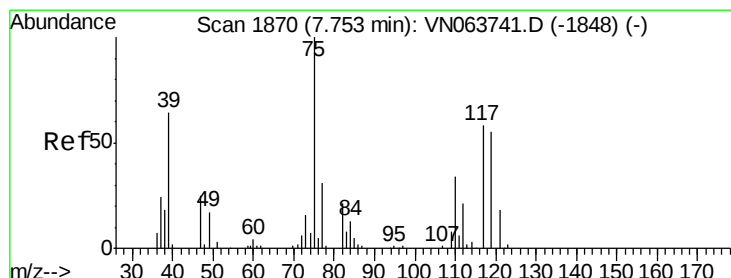
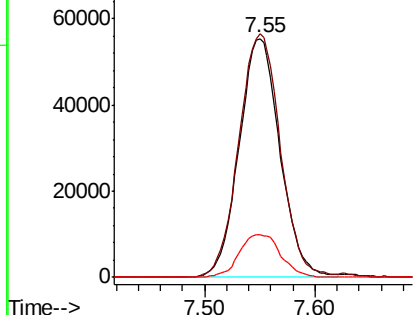
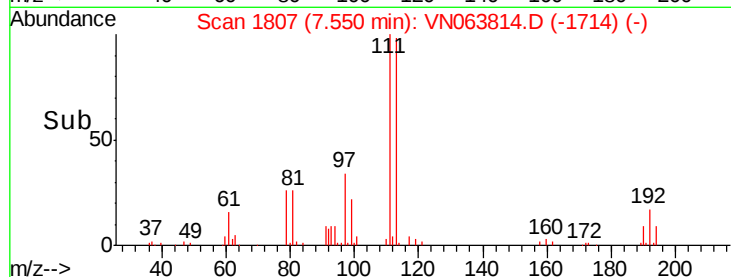
#35
 Dibromofluoromethane
 Concen: 48.659 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063814.D
 Acq: 2 Oct 2020 12:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.8
192	18.1	14.2	21.2

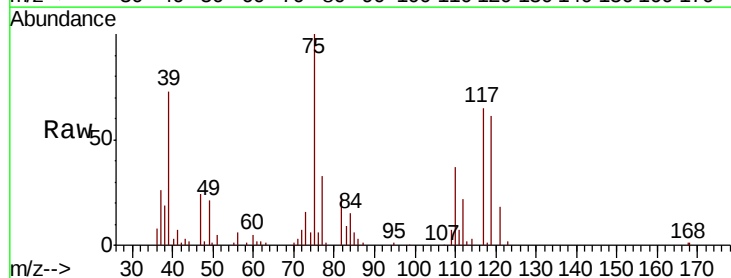


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

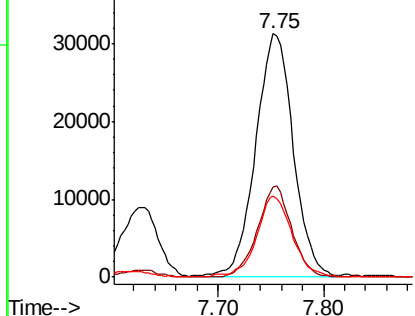
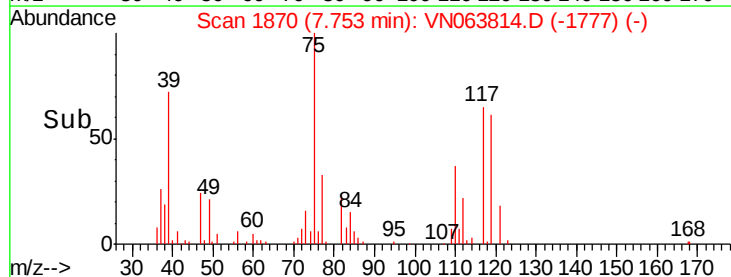


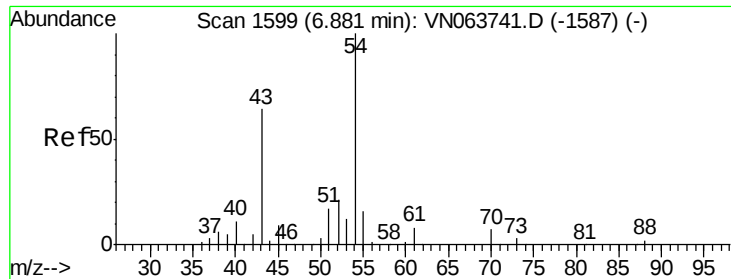
#36
 1,1-Dichloropropene
 Concen: 18.262 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063814.D
 Acq: 2 Oct 2020 12:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.9	50.6
77	31.4	24.5	36.7



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

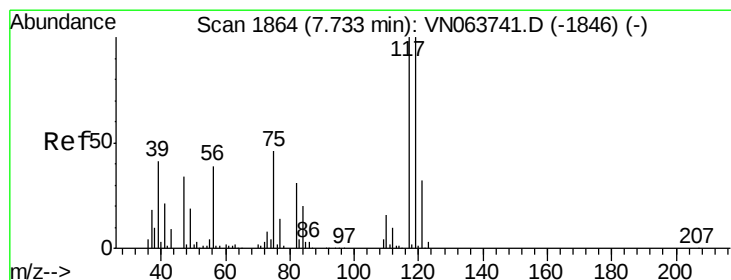
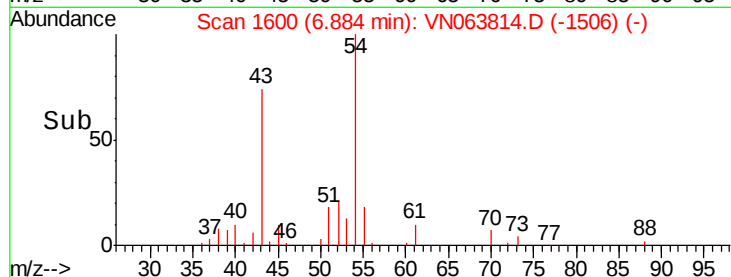
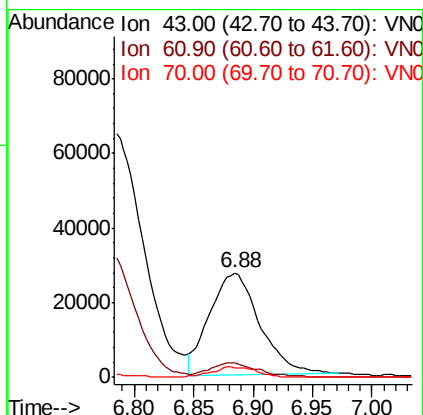
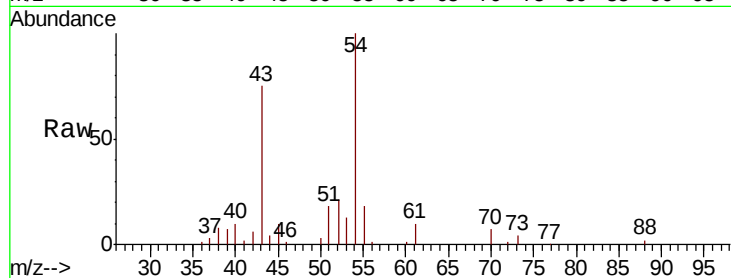




#37
Ethyl Acetate
Concen: 18.900 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN063814.D
Acq: 2 Oct 2020 12:16

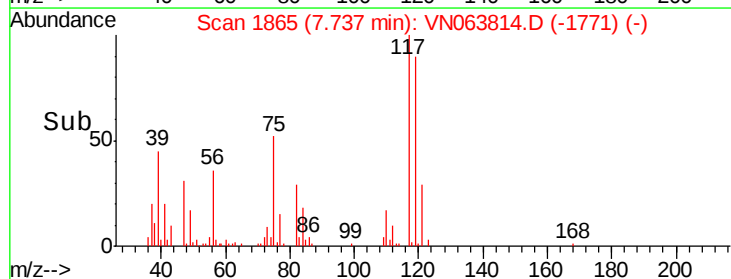
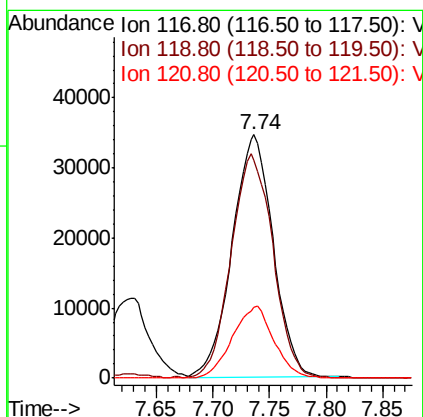
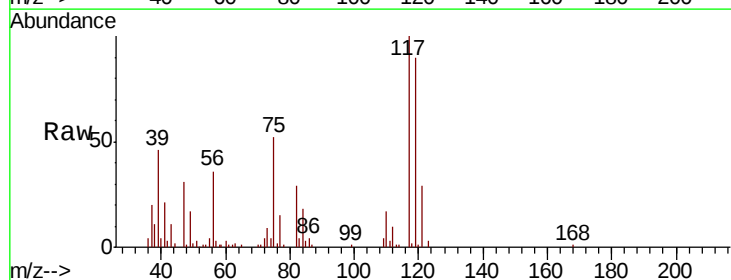
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBS01

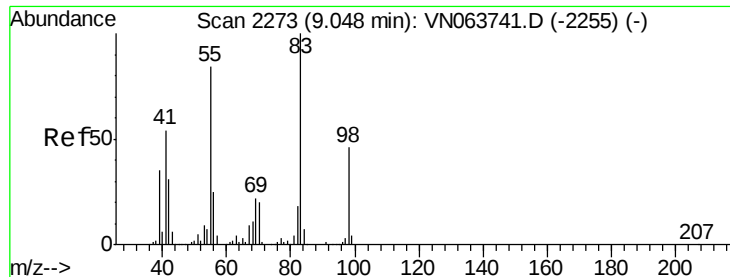
Tot Ion: 43 Resp: 80215
Ion Ratio Lower Upper
43 100
61 14.0 10.4 15.6
70 9.2 7.3 10.9



#38
Carbon Tetrachloride
Concen: 18.203 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063814.D
Acq: 2 Oct 2020 12:16

Tgt Ion: 117 Resp: 87195
Ion Ratio Lower Upper
117 100
119 90.1 80.1 120.1
121 29.3 25.7 38.5

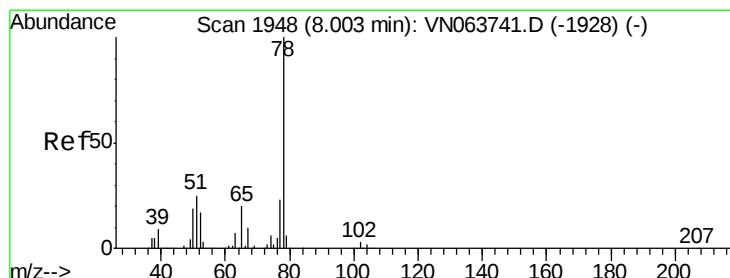
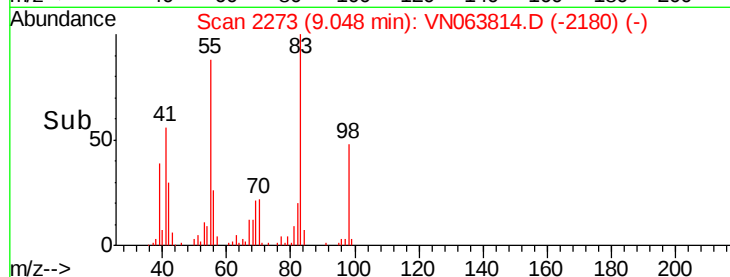
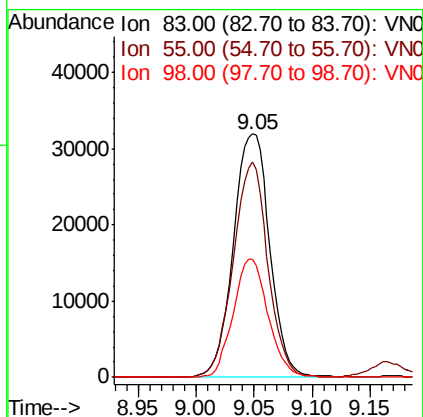
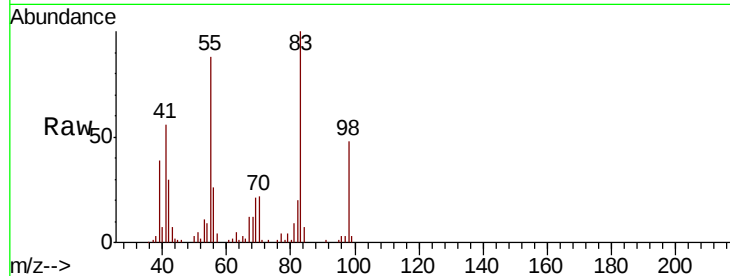




#39
Methvlcvclohexane
Concen: 16.337 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063814.D
Acq: 2 Oct 2020 12:16

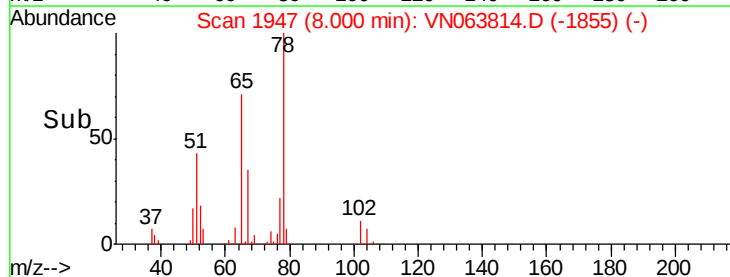
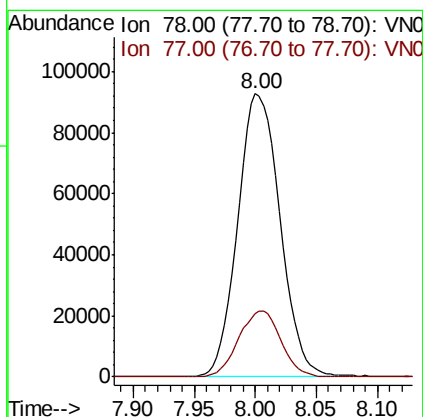
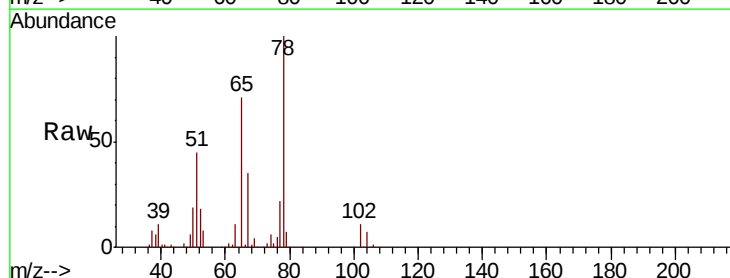
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBS01

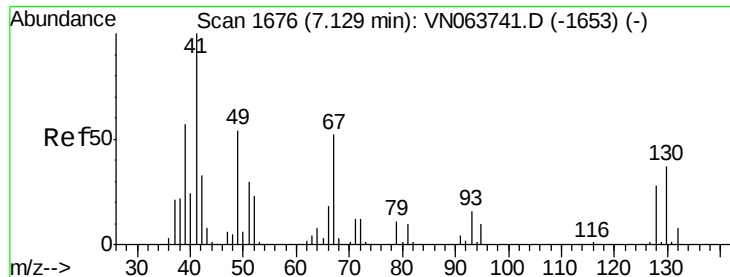
Tot Ion: 83 Resp: 69593
Ion Ratio Lower Upper
83 100
55 88.5 67.1 100.7
98 48.3 36.6 54.8



#40
Benzene
Concen: 18.276 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063814.D
Acq: 2 Oct 2020 12:16

Tgt Ion: 78 Resp: 222987
Ion Ratio Lower Upper
78 100
77 22.1 18.7 28.1

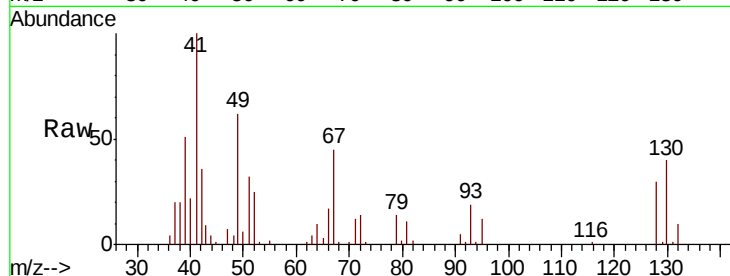




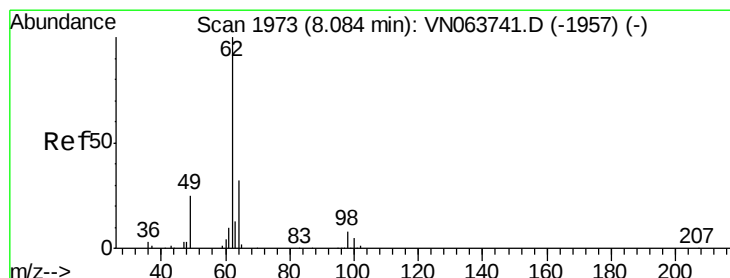
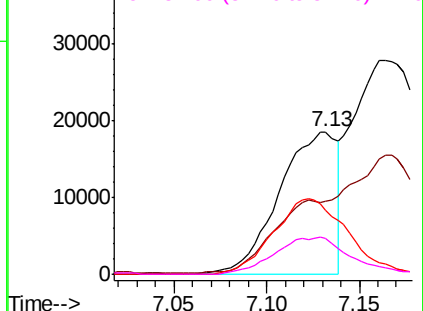
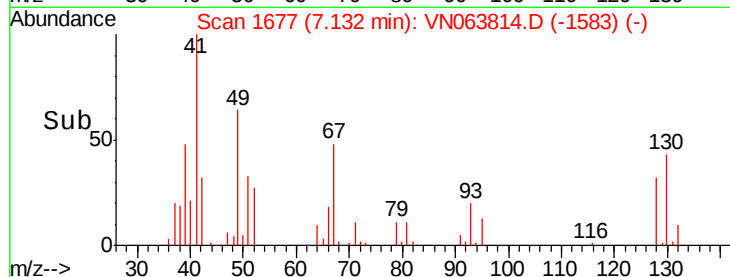
#41
Methacrylonitrile
Concen: 21.351 ug/l
RT: 7.13 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN063814.D
Acq: 2 Oct 2020 12:16

Instrument :
MSVOA_N
ClientSampled :
VN1002WBS01

Tot Ion: 41 Resp: 40273
Ion Ratio Lower Upper
41 100
39 41.3 42.5 63.7#
67 68.2 57.4 86.2
52 33.8 26.9 40.3

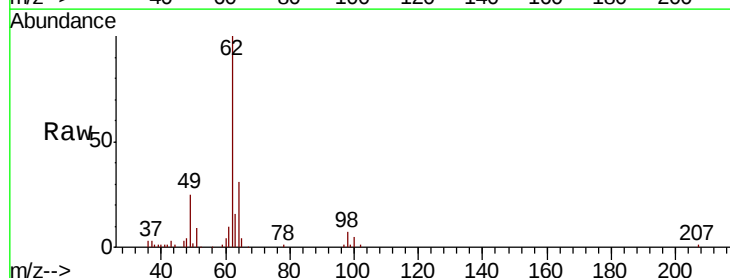


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

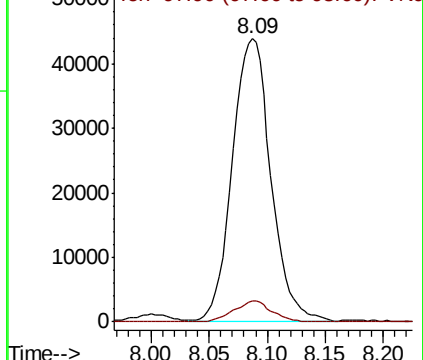
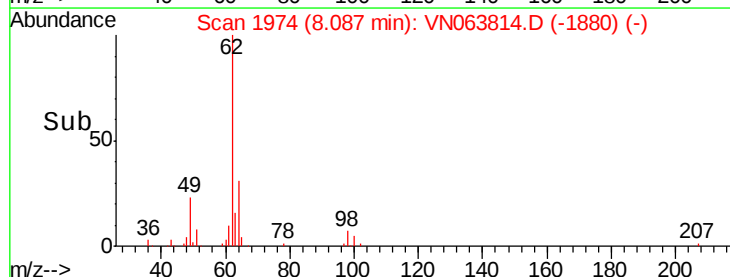


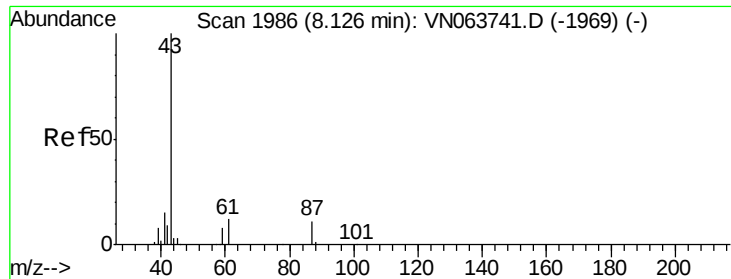
#42
1,2-Dichloroethane
Concen: 19.376 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063814.D
Acq: 2 Oct 2020 12:16

Tgt Ion: 62 Resp: 100916
Ion Ratio Lower Upper
62 100
98 7.2 0.0 15.0



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



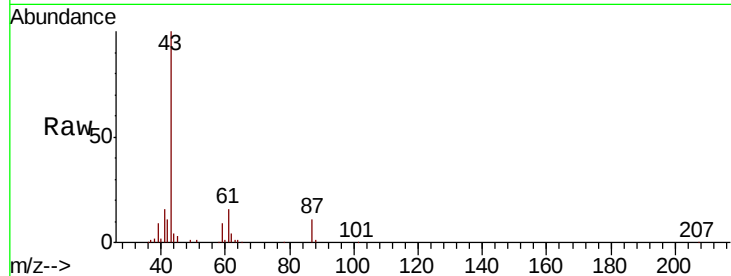


#43

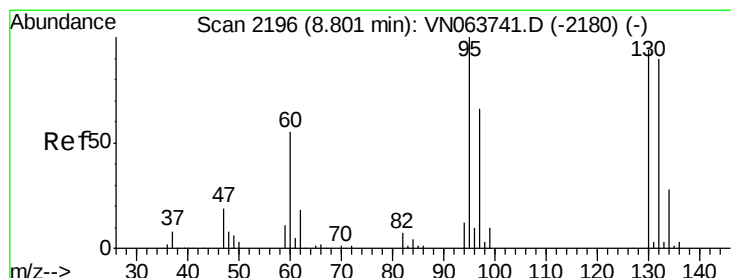
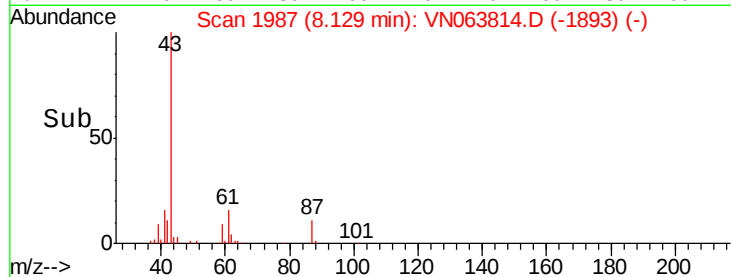
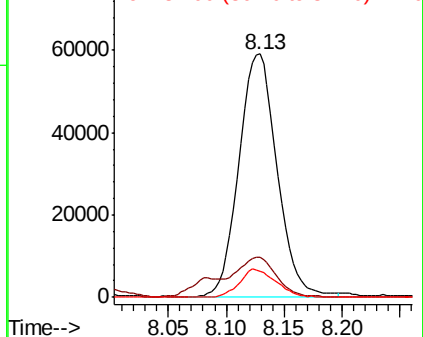
Isopropyl Acetate
 Concen: 19.265 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN063814.D
 Acq: 2 Oct 2020 12:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBS01

Tot Ion: 43 Resp: 134864
 Ion Ratio Lower Upper
 43 100
 61 17.0 14.2 21.4
 87 11.2 9.0 13.6



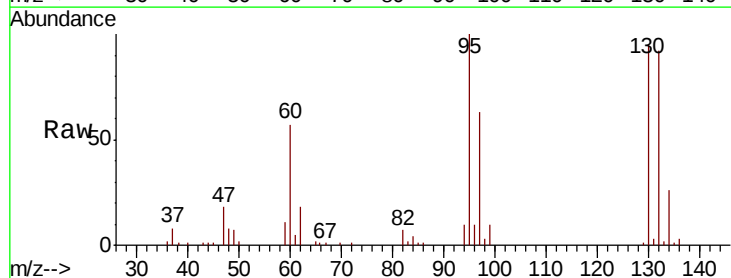
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



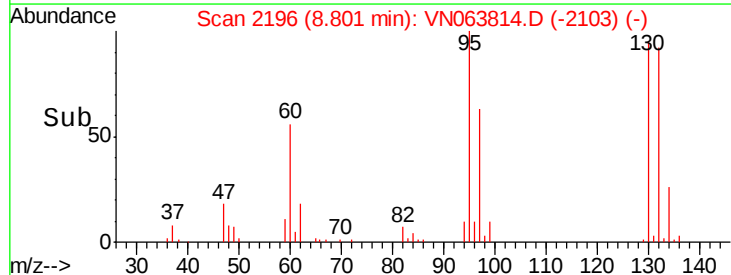
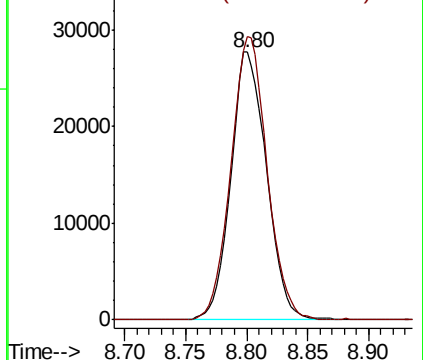
#44

Trichloroethene
 Concen: 17.615 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN063814.D
 Acq: 2 Oct 2020 12:16

Tgt Ion: 130 Resp: 56312
 Ion Ratio Lower Upper
 130 100
 95 105.7 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 19.028 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN063814.D

Acq: 2 Oct 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

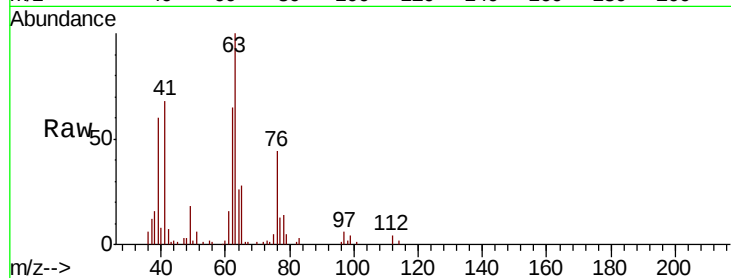
VN1002WBS01

Tot Ion: 63 Resp: 62700

Ion Ratio Lower Upper

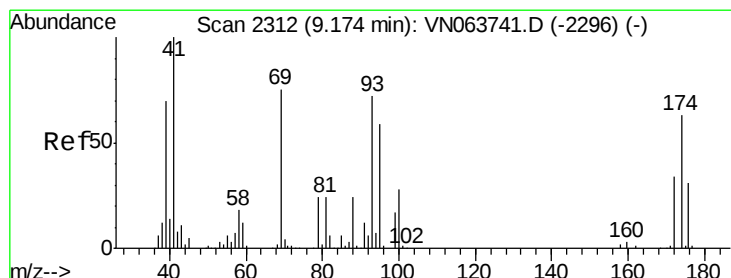
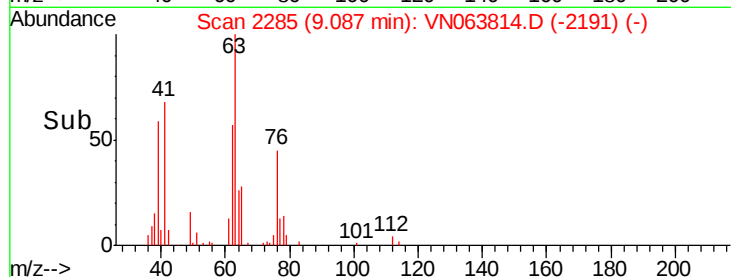
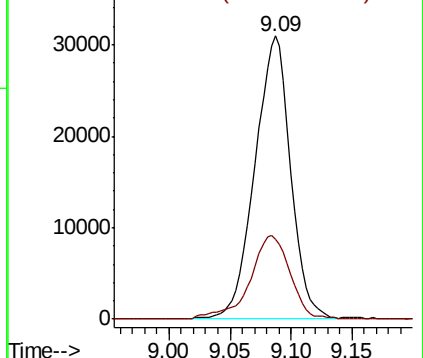
63 100

65 28.4 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.383 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN063814.D

Acq: 2 Oct 2020 12:16

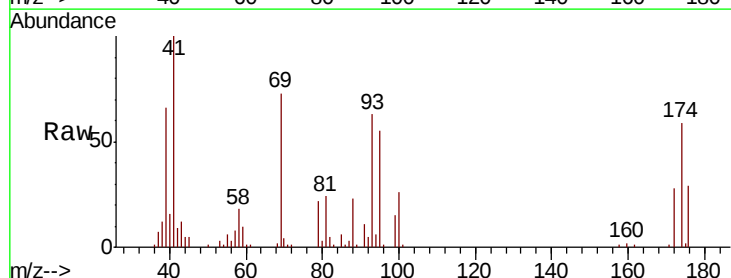
Tgt Ion: 93 Resp: 41788

Ion Ratio Lower Upper

93 100

95 83.1 66.3 99.5

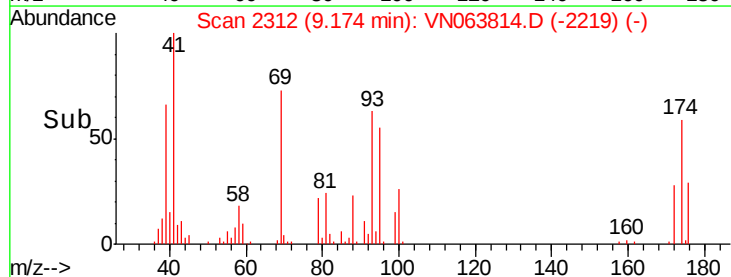
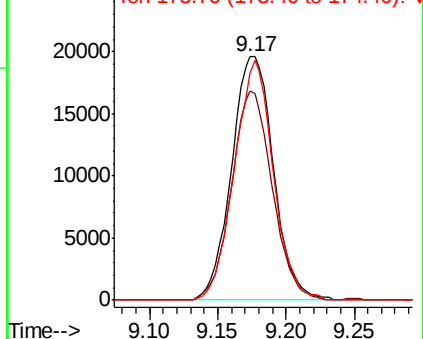
174 91.5 72.7 109.1



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.958 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063814.D

Acq: 2 Oct 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBS01

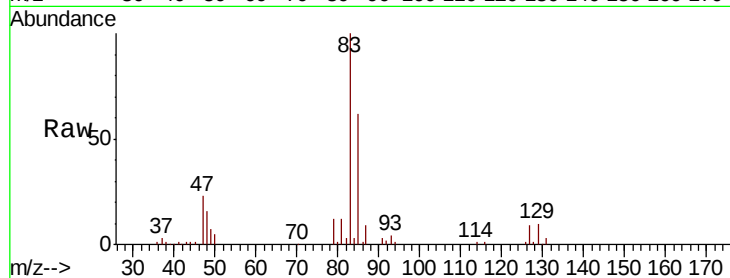
Tot Ion: 83 Resp: 88815

Ion Ratio Lower Upper

83 100

85 61.6 50.6 75.8

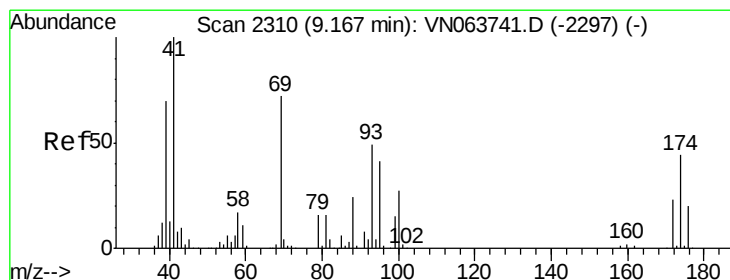
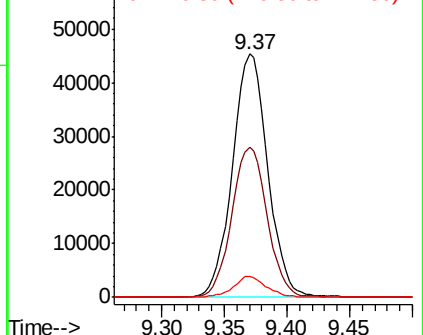
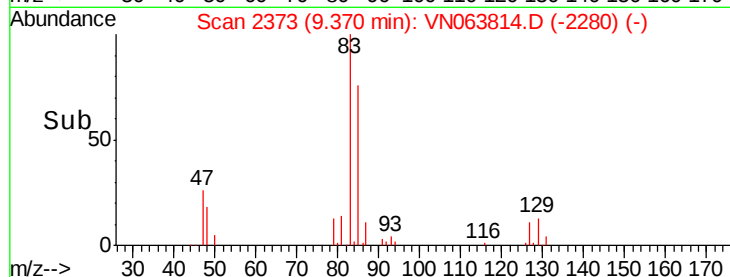
127 8.8 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN063814.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063814.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063814.D (-2280) (-)



#48

Methyl methacrylate

Concen: 19.437 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063814.D

Acq: 2 Oct 2020 12:16

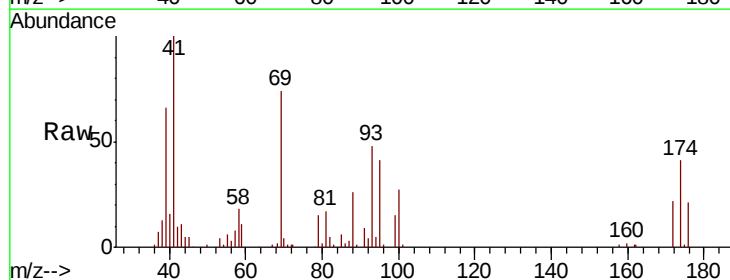
Tgt Ion: 41 Resp: 67225

Ion Ratio Lower Upper

41 100

69 73.6 60.9 91.3

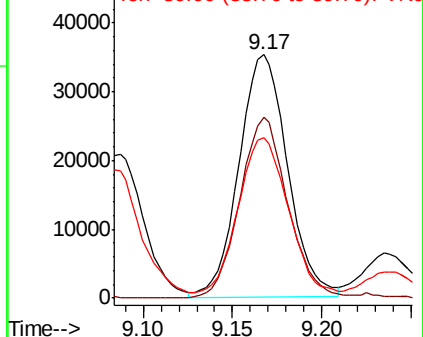
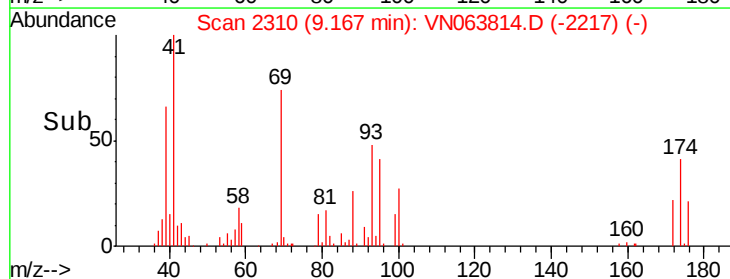
39 68.4 57.5 86.3

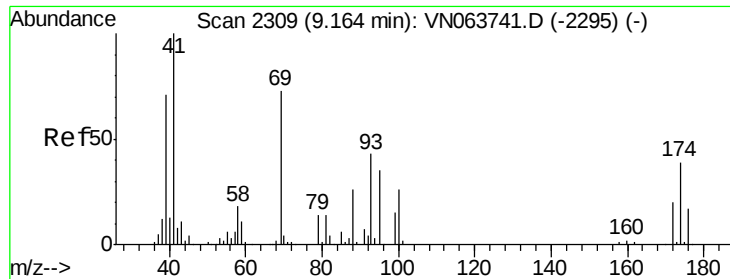


Abundance Ion 41.00 (40.70 to 41.70): VN063814.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN063814.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN063814.D (-2217) (-)





#49

1,4-Dioxane

Concen: 389.137 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN063814.D

Acq: 2 Oct 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBS01

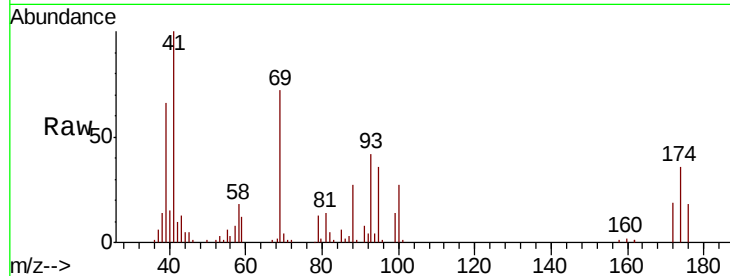
Tot Ion: 88 Resp: 19128

Ion Ratio Lower Upper

88 100

43 41.9 33.1 49.7

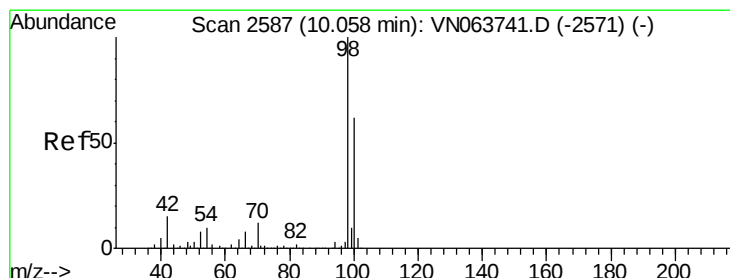
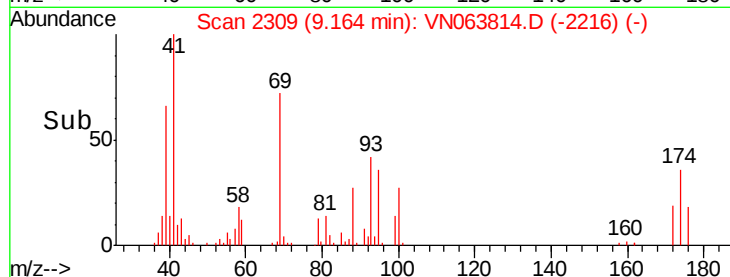
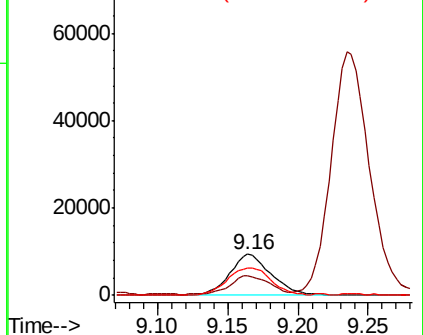
58 72.1 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VN063814.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN063814.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN063814.D (-2295) (-)



#50

Toluene-d8

Concen: 48.329 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063814.D

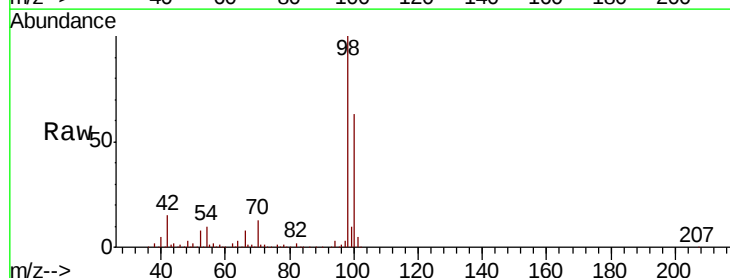
Acq: 2 Oct 2020 12:16

Tgt Ion: 98 Resp: 536031

Ion Ratio Lower Upper

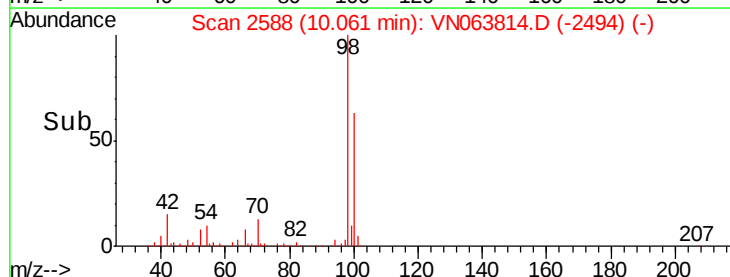
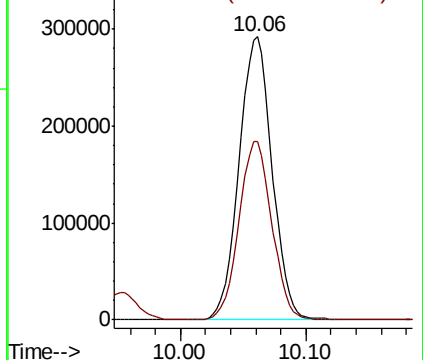
98 100

100 62.6 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063814.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN063814.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 101.217 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063814.D

Acq: 2 Oct 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

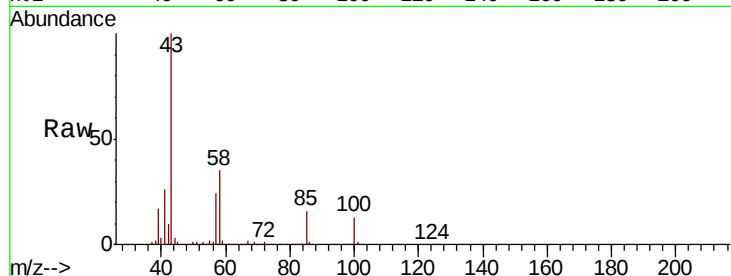
VN1002WBS01

Tot Ion: 43 Resp: 415815

Ion Ratio Lower Upper

43 100

58 35.0 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-2537) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-2537) (-)

9.95

250000

200000

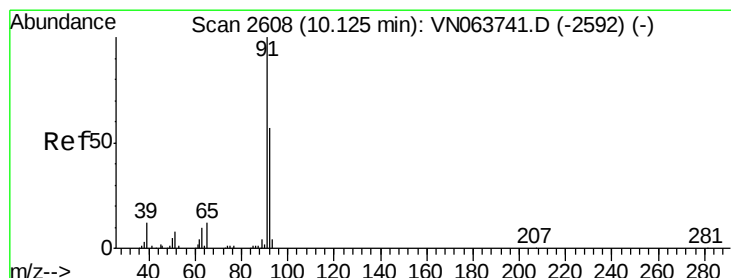
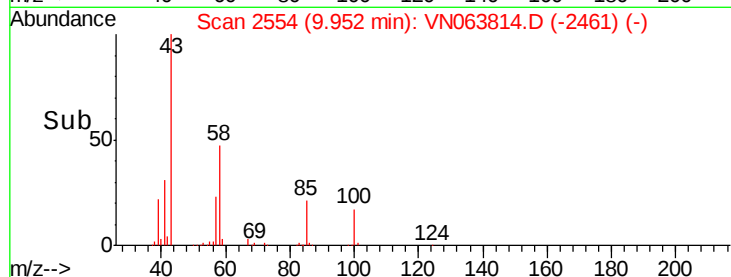
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.541 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063814.D

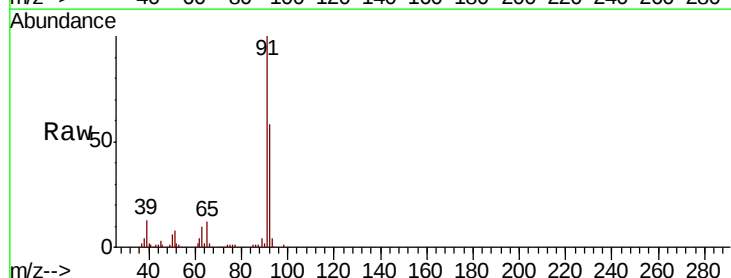
Acq: 2 Oct 2020 12:16

Tgt Ion: 92 Resp: 139925

Ion Ratio Lower Upper

92 100

91 174.5 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN063741.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN063741.D (-2592) (-)

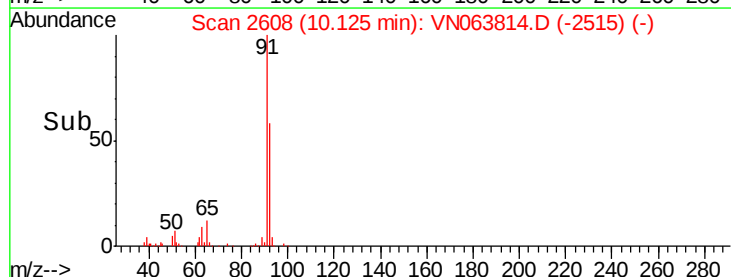
150000

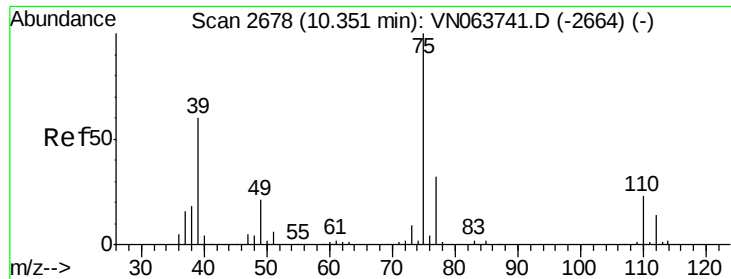
100000

50000

0

Time-->

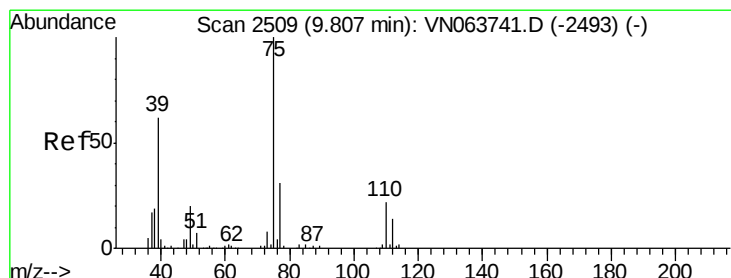
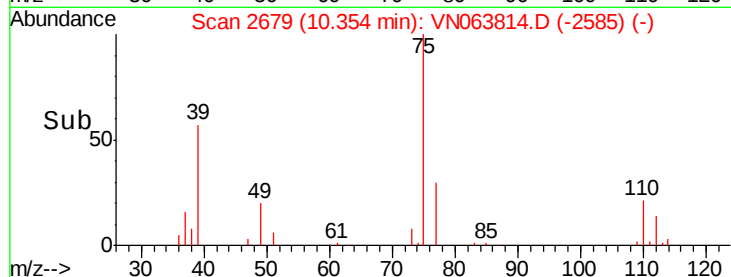
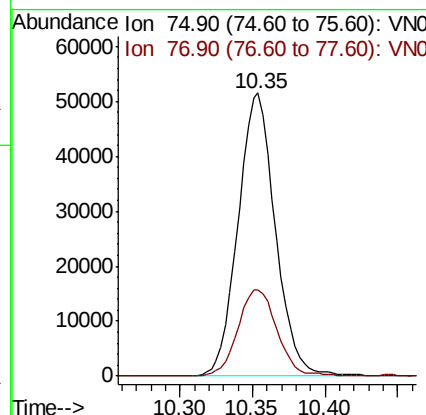
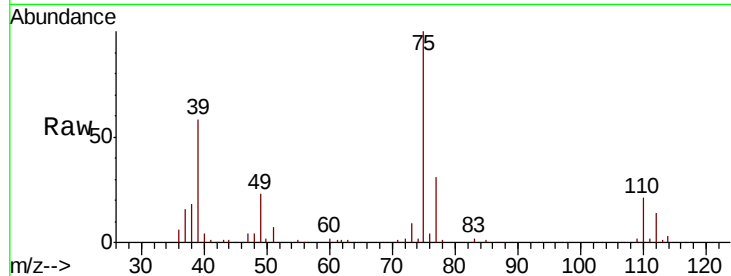




#53
t-1,3-Dichloropropene
Concen: 18.264 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN063814.D
Acq: 2 Oct 2020 12:16

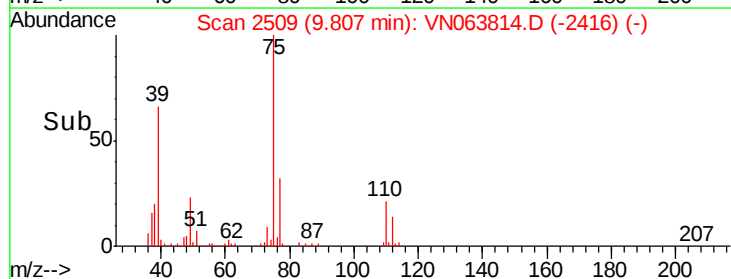
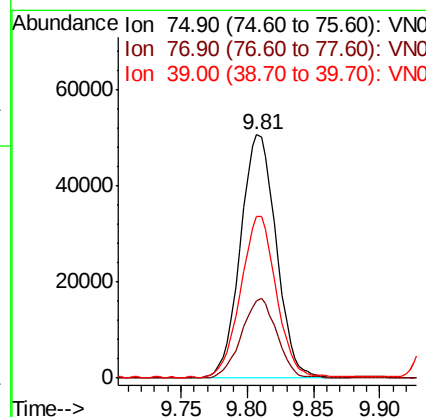
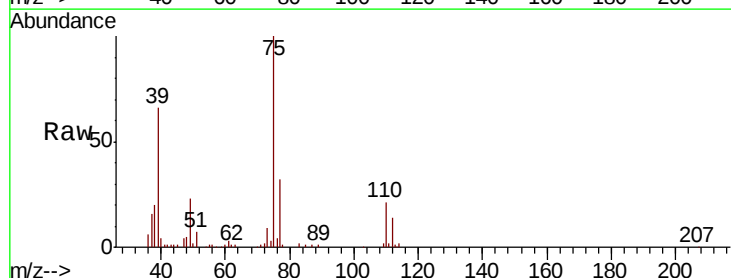
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBS01

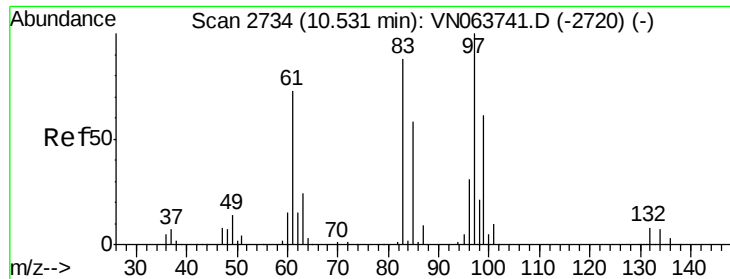
Tot Ion: 75 Resp: 91720
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 18.089 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN063814.D
Acq: 2 Oct 2020 12:16

Tgt Ion: 75 Resp: 95002
Ion Ratio Lower Upper
75 100
77 31.6 24.6 36.8
39 66.0 49.7 74.5

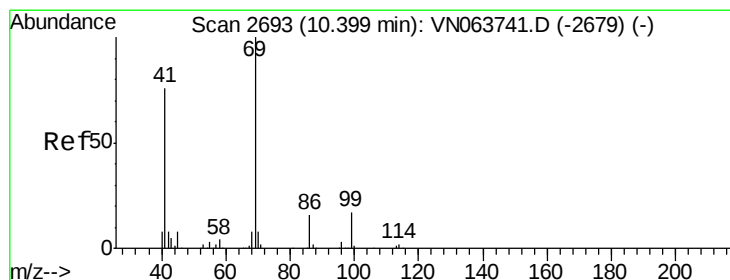
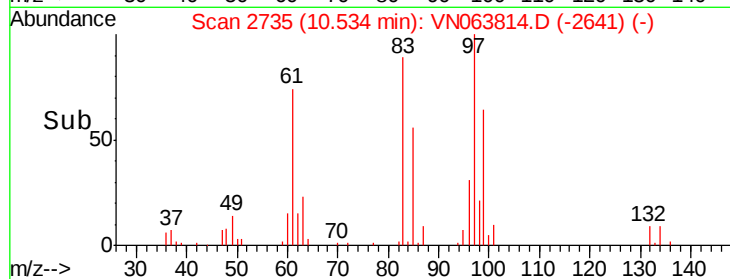
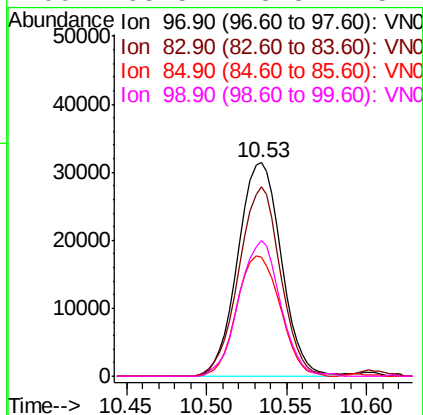
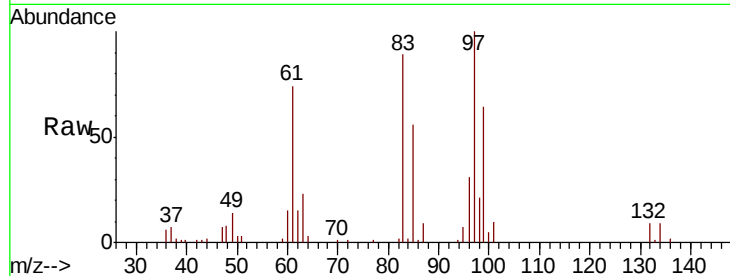




#55
 1,1,2-Trichloroethane
 Concen: 19.269 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063814.D
 Acq: 2 Oct 2020 12:16

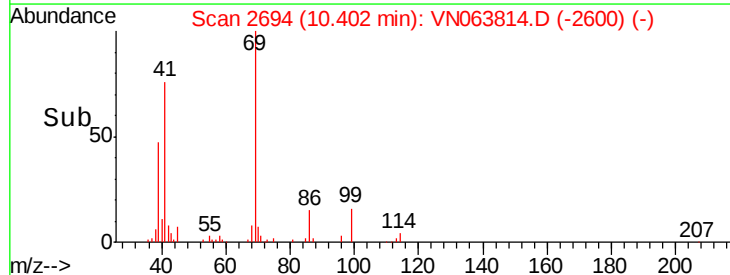
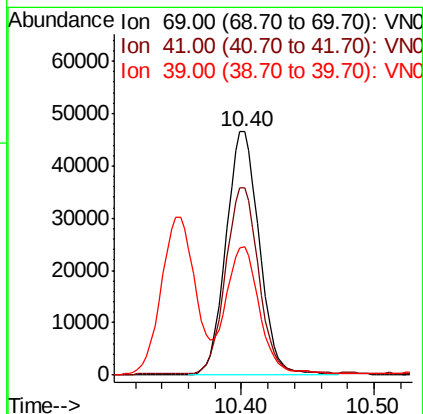
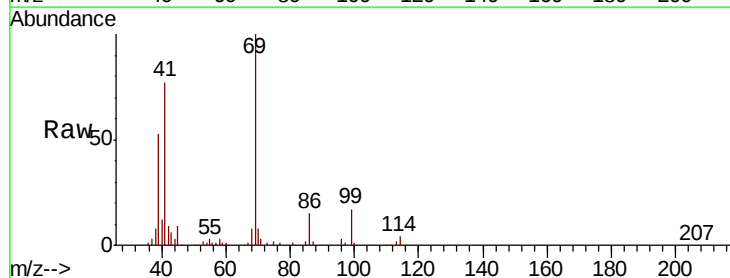
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBS01

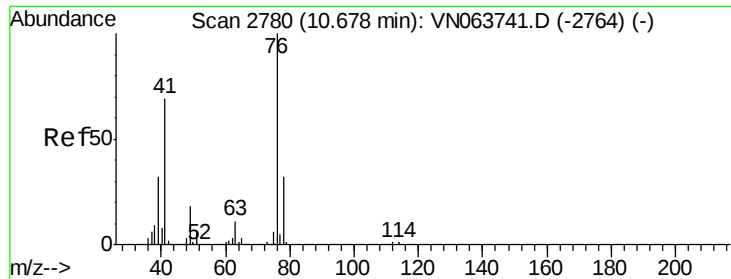
Tot Ion: 97 Resp: 58318
 Ion Ratio Lower Upper
 97 100
 83 88.6 70.7 106.1
 85 55.8 46.1 69.1
 99 63.5 48.8 73.2



#56
 Ethyl methacrylate
 Concen: 18.940 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063814.D
 Acq: 2 Oct 2020 12:16

Tgt Ion: 69 Resp: 81253
 Ion Ratio Lower Upper
 69 100
 41 75.8 61.1 91.7
 39 52.9 42.2 63.4

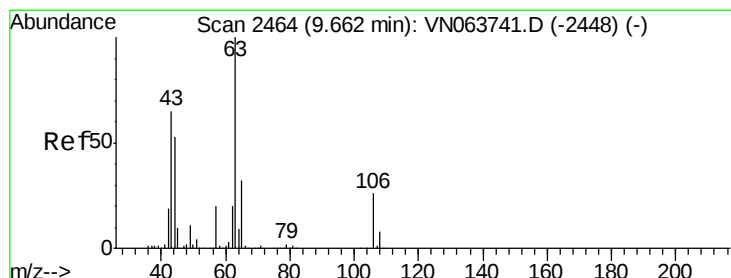
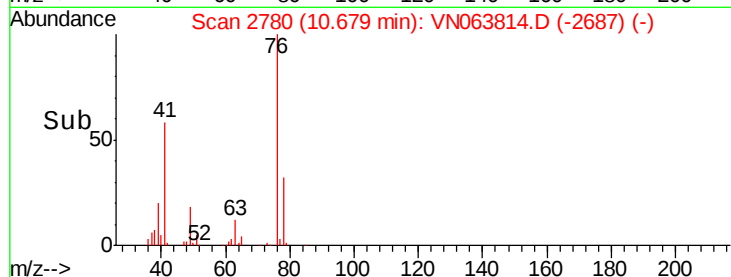
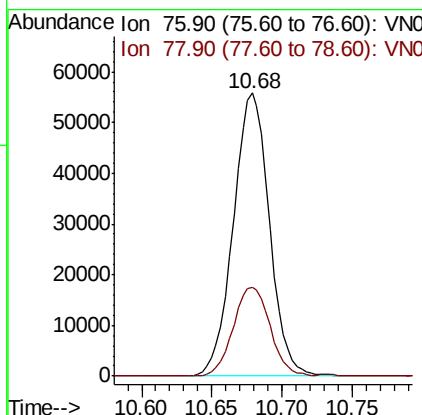
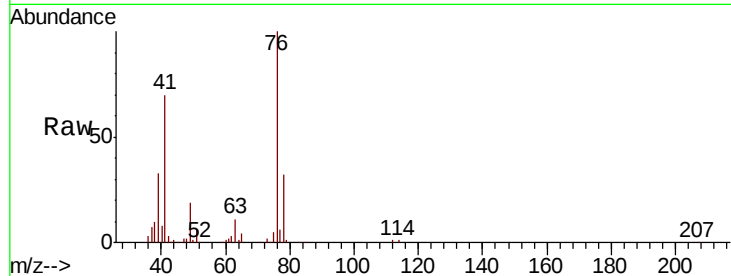




#57
 1,3-Dichloropropane
 Concen: 19.544 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063814.D
 Acq: 2 Oct 2020 12:16

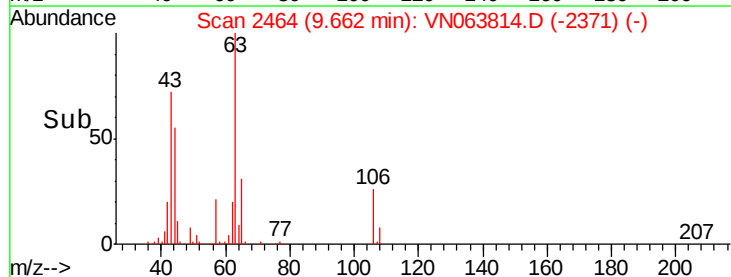
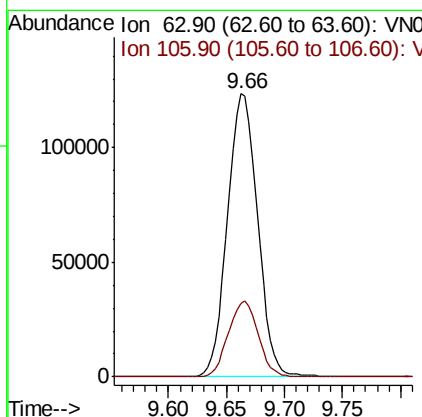
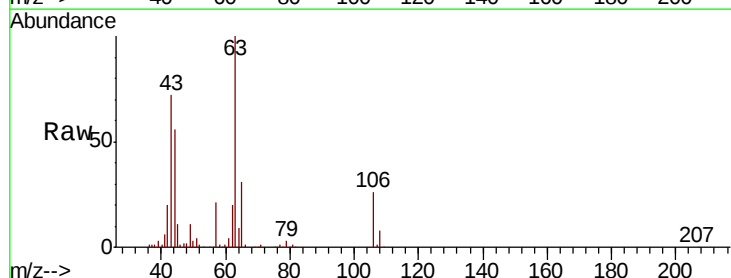
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBS01

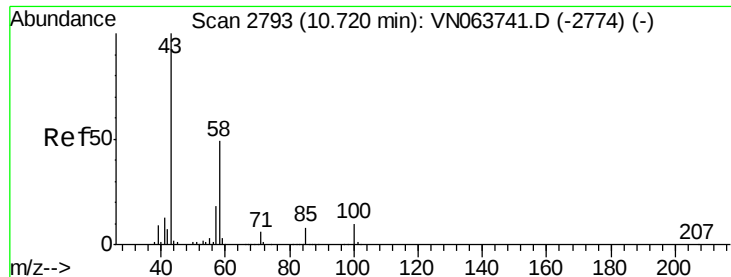
Tot Ion: 76 Resp: 100076
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.961 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063814.D
 Acq: 2 Oct 2020 12:16

Tgt Ion: 63 Resp: 222506
 Ion Ratio Lower Upper
 63 100
 106 26.4 20.7 31.1

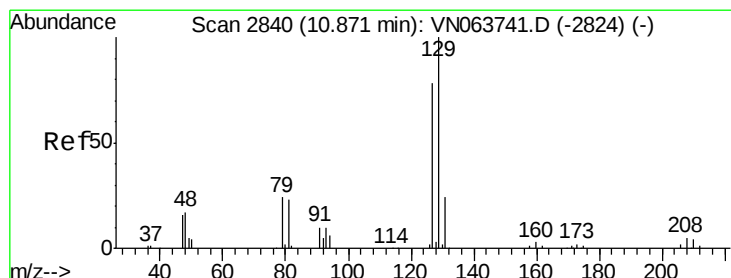
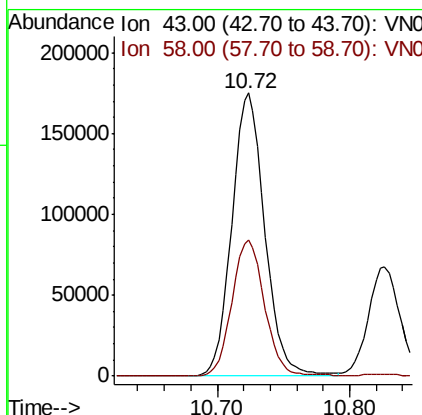
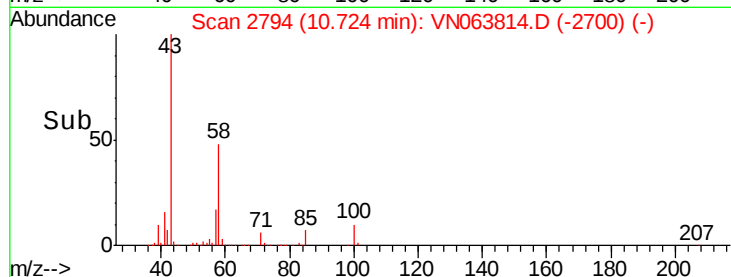
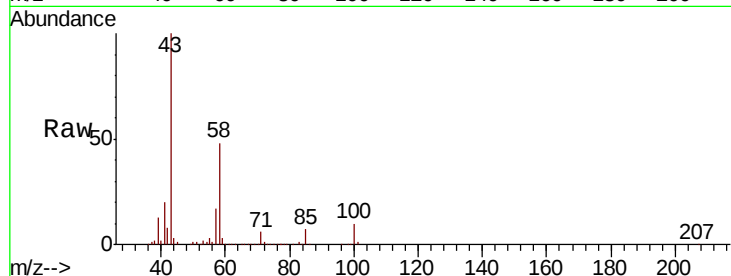




#59
2-Hexanone
Concen: 98.243 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063814.D
Acq: 2 Oct 2020 12:16

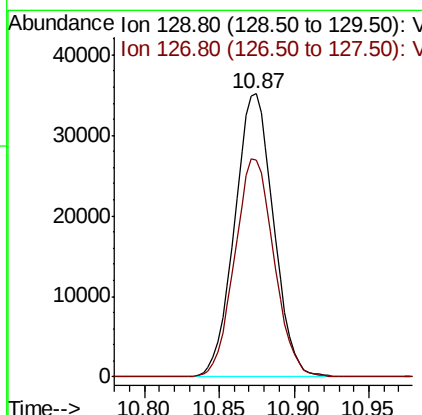
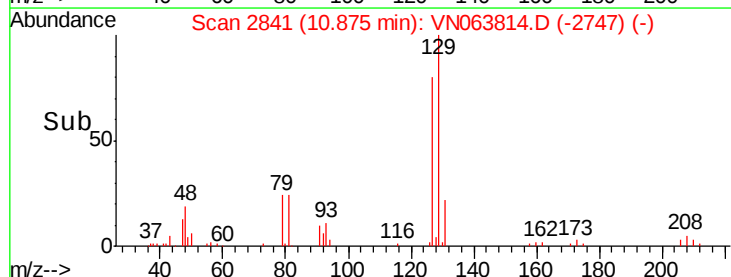
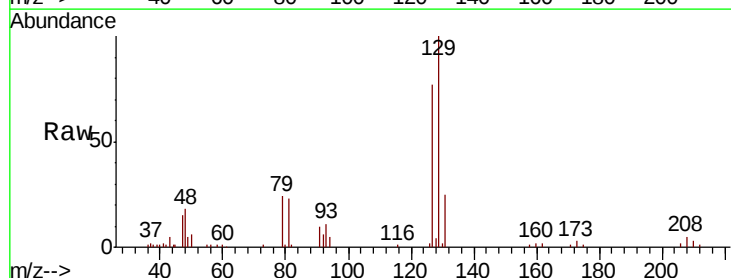
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBS01

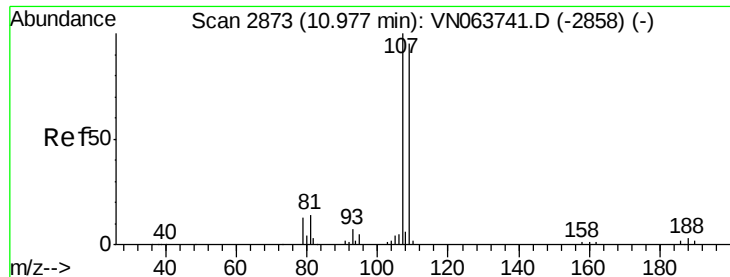
Tot Ion: 43 Resp: 299818
Ion Ratio Lower Upper
43 100
58 48.1 24.6 73.8



#60
Dibromochloromethane
Concen: 18.083 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063814.D
Acq: 2 Oct 2020 12:16

Tgt Ion: 129 Resp: 63737
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.076 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN063814.D

Acq: 2 Oct 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

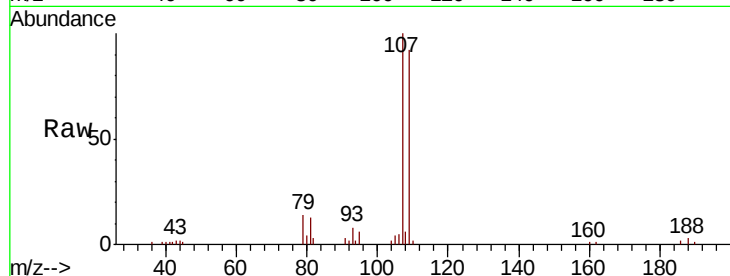
VN1002WBS01

Tot Ion:107 Resp: 59058

Ion Ratio Lower Upper

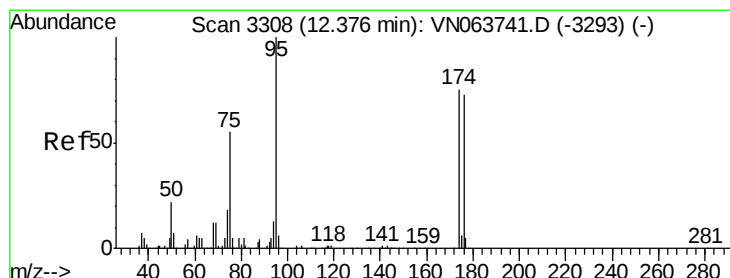
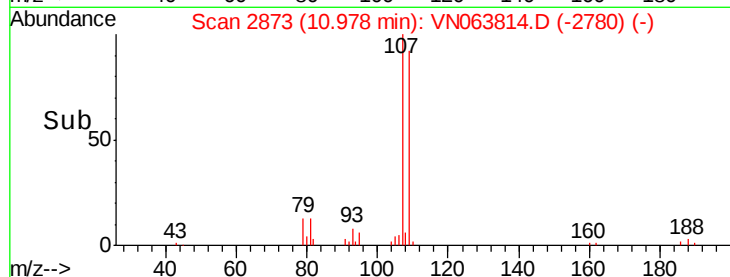
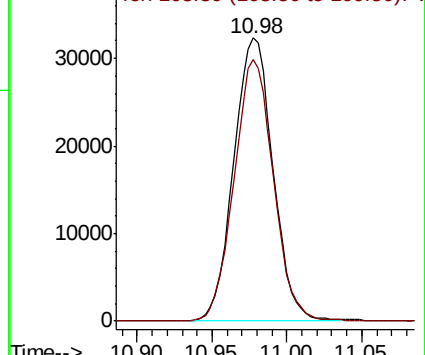
107 100

109 92.5 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: 46.661 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063814.D

Acq: 2 Oct 2020 12:16

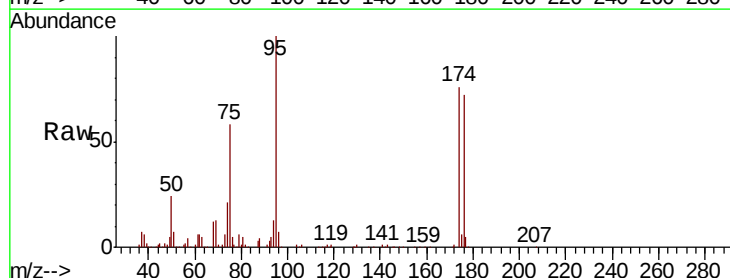
Tgt Ion: 95 Resp: 194546

Ion Ratio Lower Upper

95 100

174 74.4 0.0 150.6

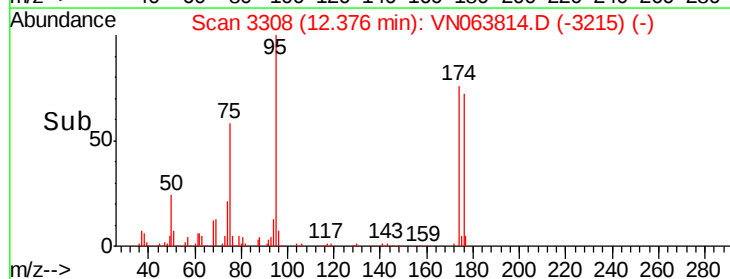
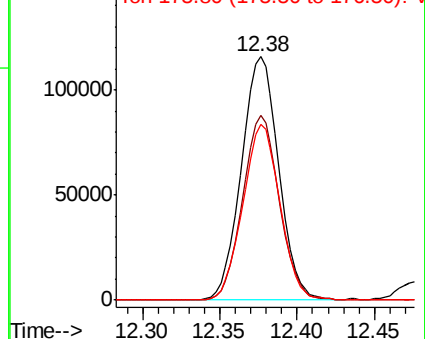
176 71.8 0.0 145.4

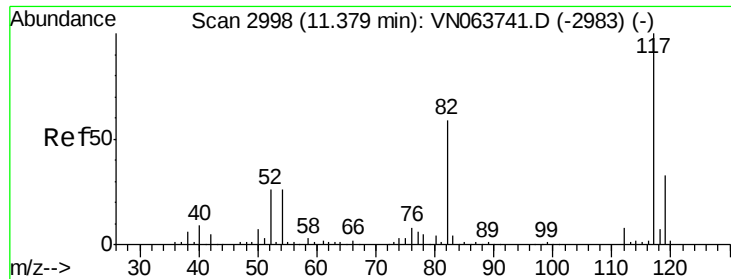


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

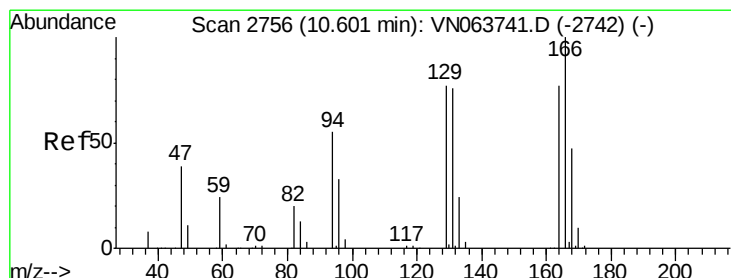
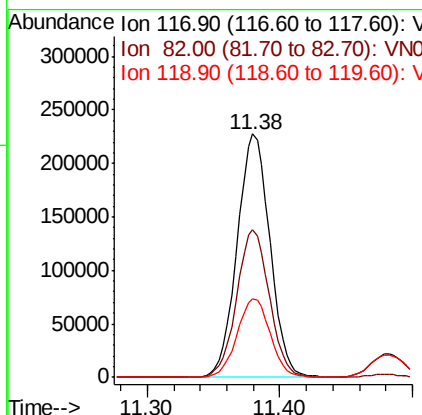
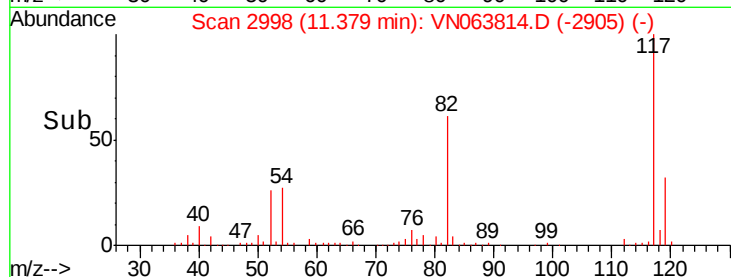
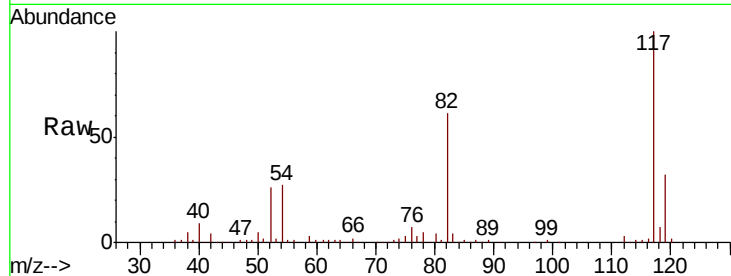




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063814.D
Acq: 2 Oct 2020 12:16

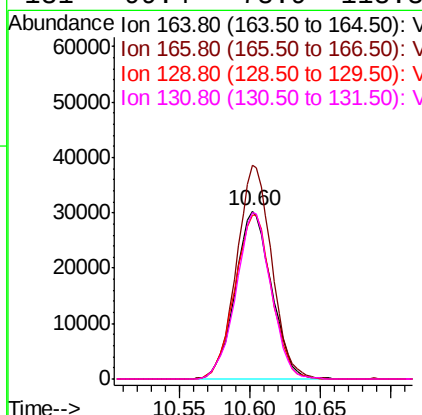
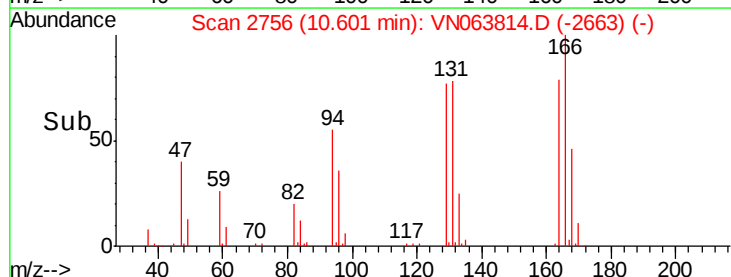
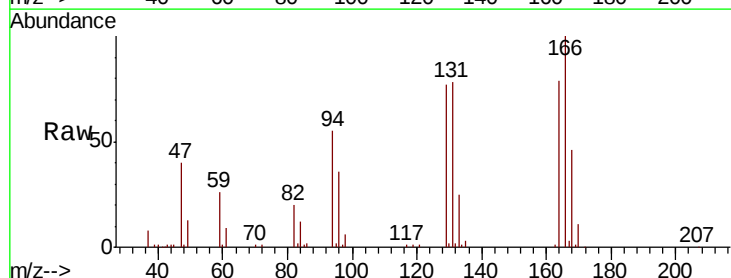
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBS01

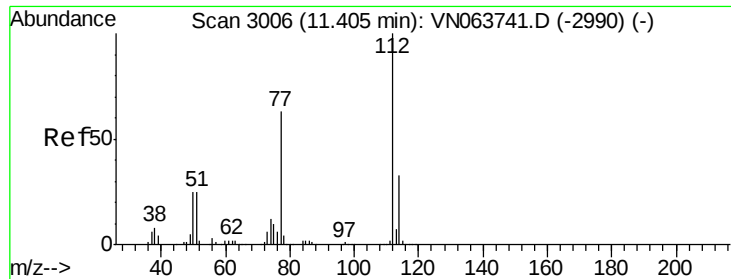
Tot Ion:117 Resp: 391587
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.2
119 32.4 26.4 39.6



#64
Tetrachloroethene
Concen: 18.067 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063814.D
Acq: 2 Oct 2020 12:16

Tgt Ion:164 Resp: 54735
Ion Ratio Lower Upper
164 100
166 127.1 103.9 155.9
129 97.3 80.3 120.5
131 99.4 78.9 118.3

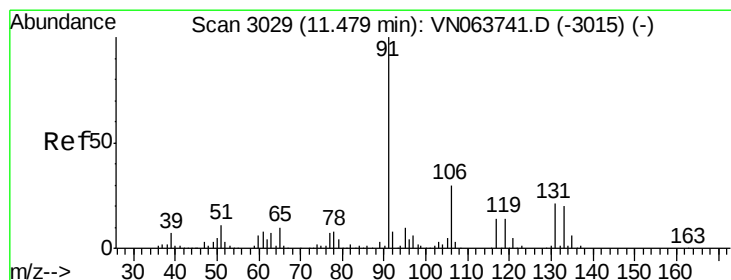
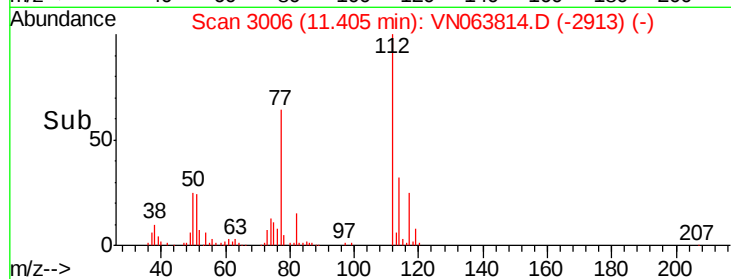
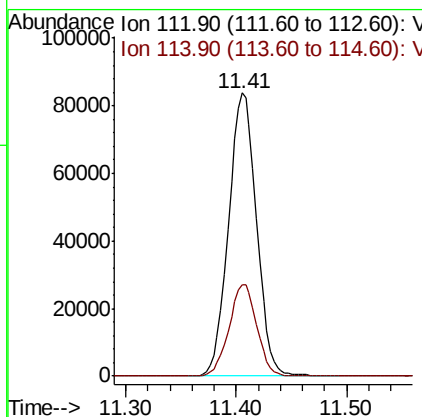
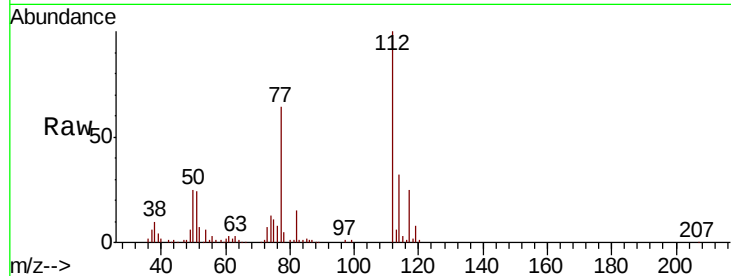




#65
Chlorobenzene
Concen: 18.329 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063814.D
Acq: 2 Oct 2020 12:16

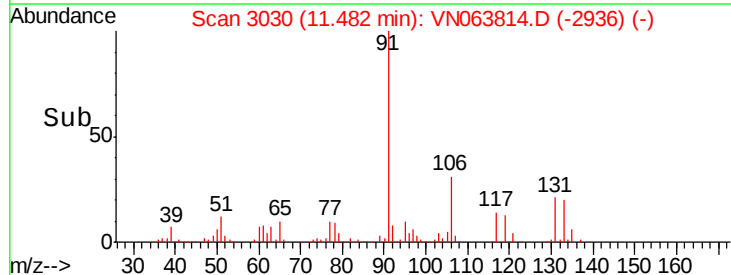
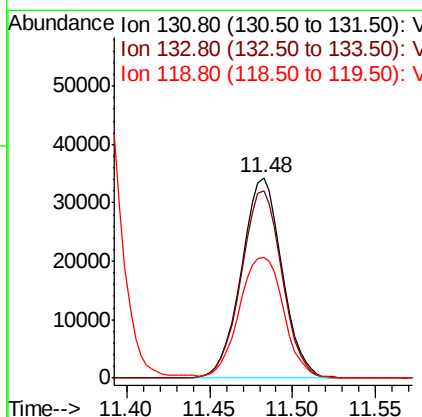
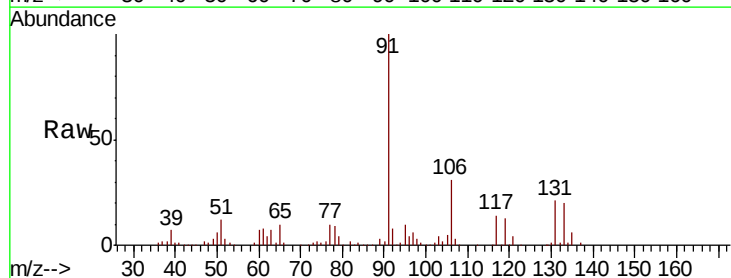
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBS01

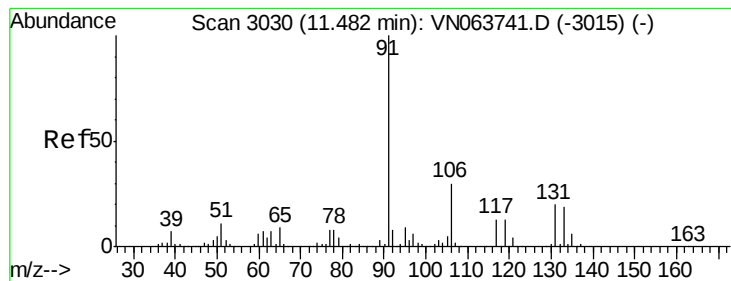
Tot Ion:112 Resp: 147231
Ion Ratio Lower Upper
112 100
114 32.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.007 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063814.D
Acq: 2 Oct 2020 12:16

Tgt Ion:131 Resp: 58532
Ion Ratio Lower Upper
131 100
133 94.4 47.3 141.8
119 66.2 32.6 97.7





#67

Ethyl Benzene

Concen: 18.427 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063814.D

Acq: 2 Oct 2020 12:16

Instrument :

MSVOA_N

ClientSampled :

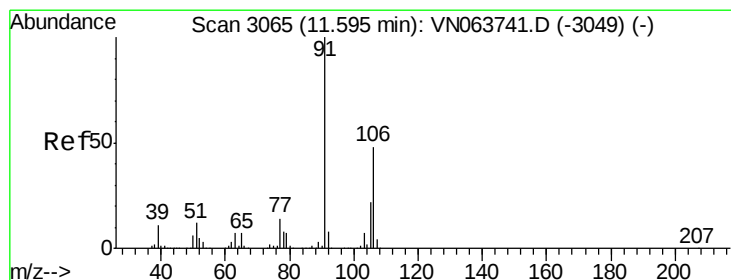
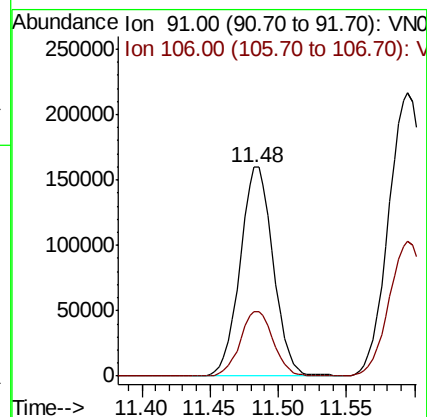
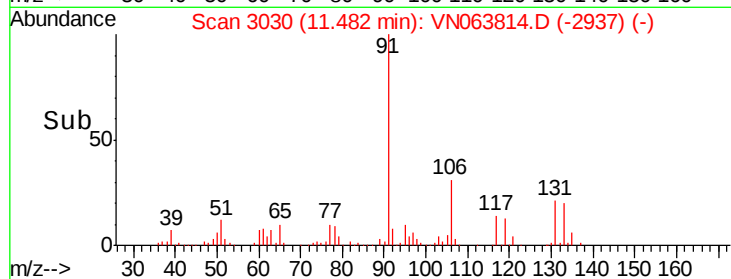
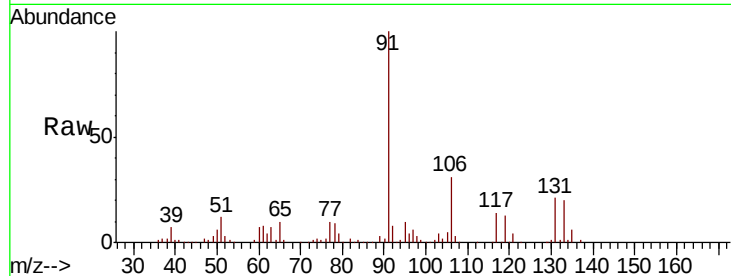
VN1002WBS01

Tot Ion: 91 Resp: 269338

Ion Ratio Lower Upper

91 100

106 31.1 24.2 36.2



#68

m/p-Xylenes

Concen: 36.418 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063814.D

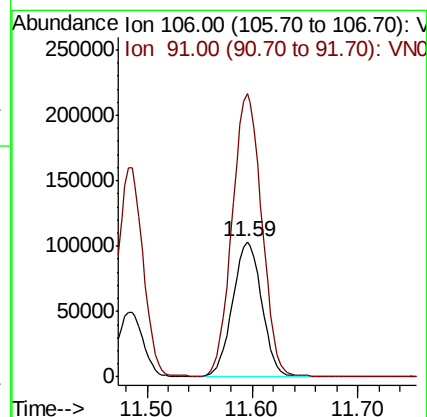
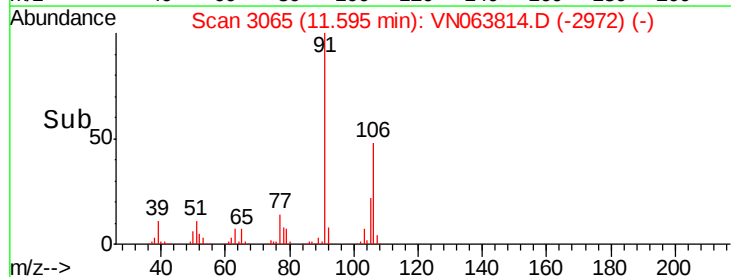
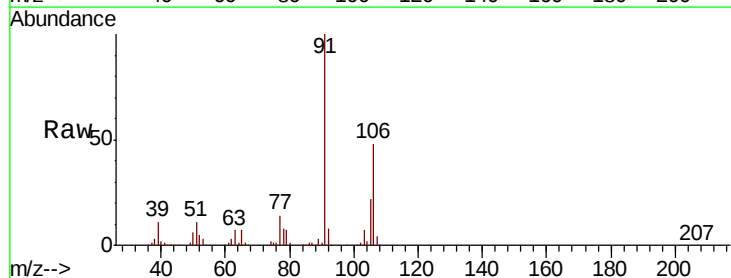
Acq: 2 Oct 2020 12:16

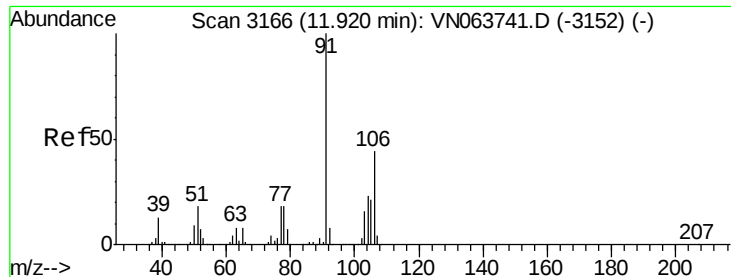
Tgt Ion: 106 Resp: 198387

Ion Ratio Lower Upper

106 100

91 210.4 168.0 252.0

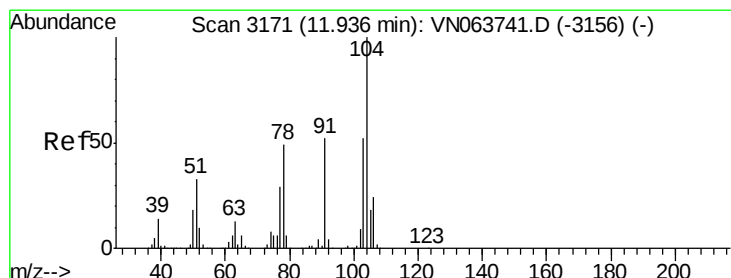
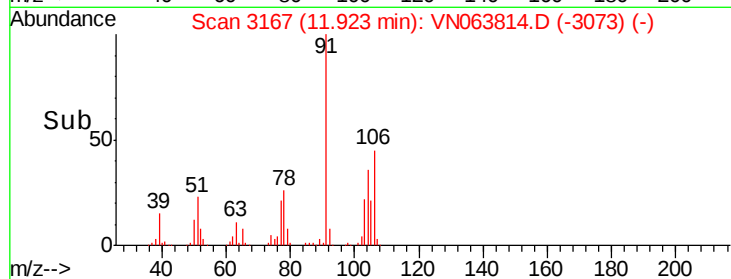
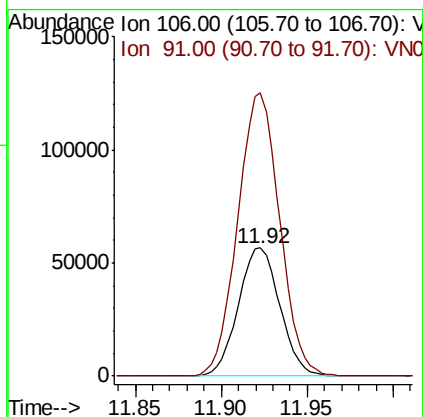
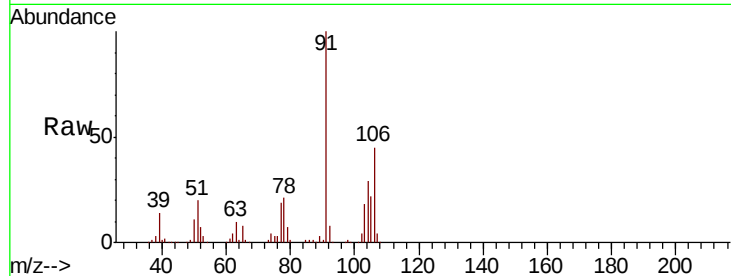




#69
o-Xylene
Concen: 18.696 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063814.D
Acq: 2 Oct 2020 12:16

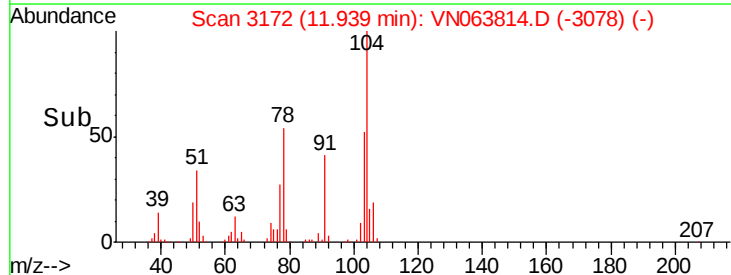
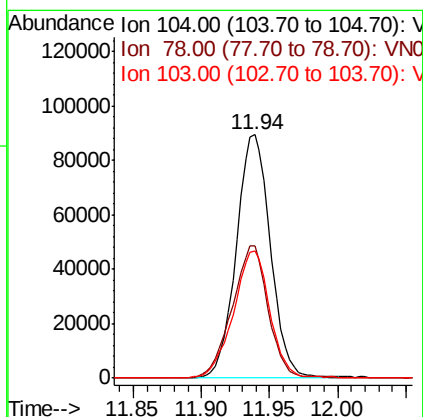
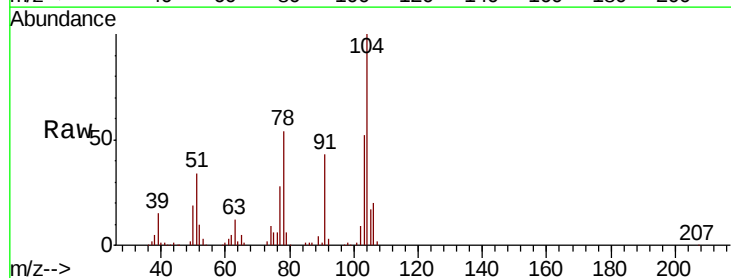
Instrument :
MSVOA_N
ClientSampleId :
VN1002WBS01

Tot Ion:106 Resp: 95194
Ion Ratio Lower Upper
106 100
91 223.4 112.7 338.0



#70
Styrene
Concen: 18.007 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063814.D
Acq: 2 Oct 2020 12:16

Tgt Ion:104 Resp: 155630
Ion Ratio Lower Upper
104 100
78 57.4 44.1 66.1
103 55.4 44.3 66.5





#71

Bromoform

Concen: 17.870 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063814.D

Acq: 2 Oct 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBS01

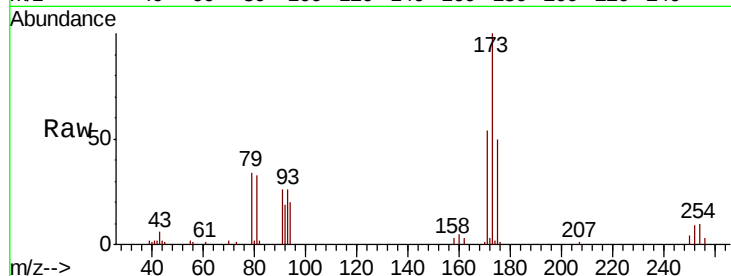
Tot Ion:173 Resp: 42087

Ion Ratio Lower Upper

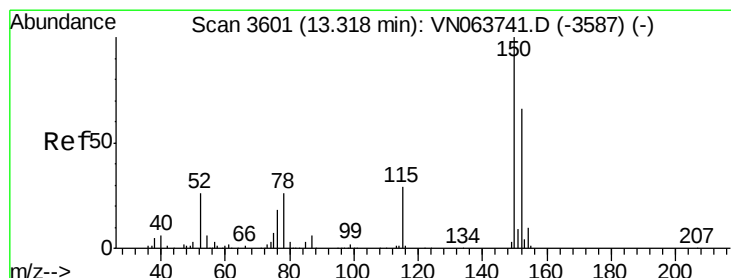
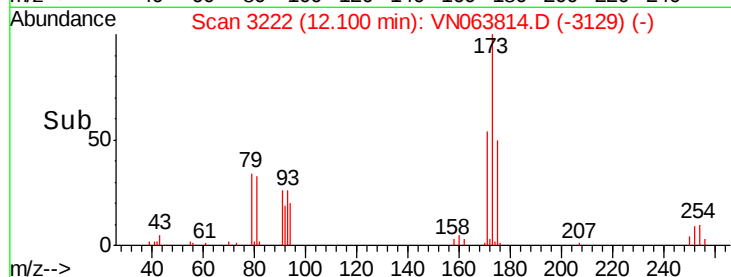
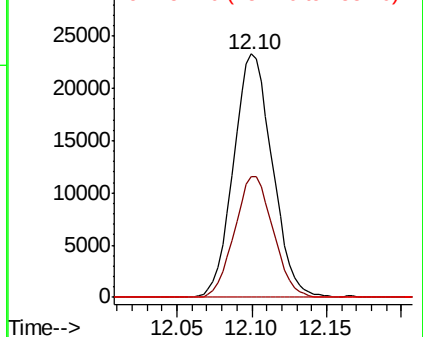
173 100

175 49.4 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: VN063814.D

Acq: 2 Oct 2020 12:16

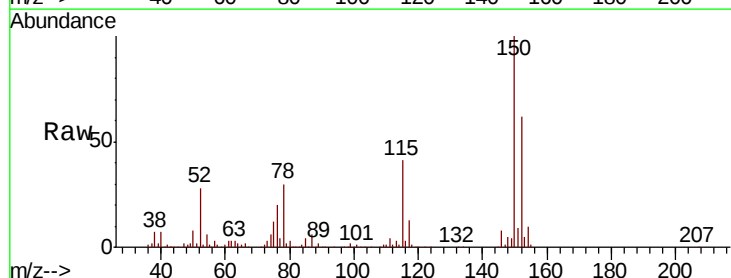
Tgt Ion:152 Resp: 180440

Ion Ratio Lower Upper

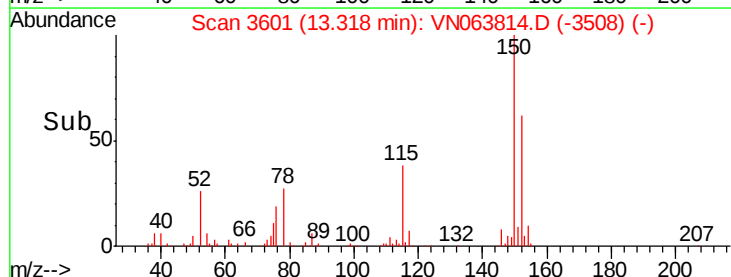
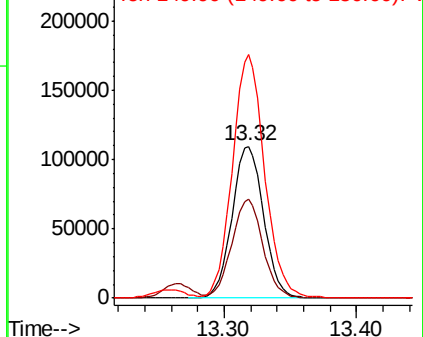
152 100

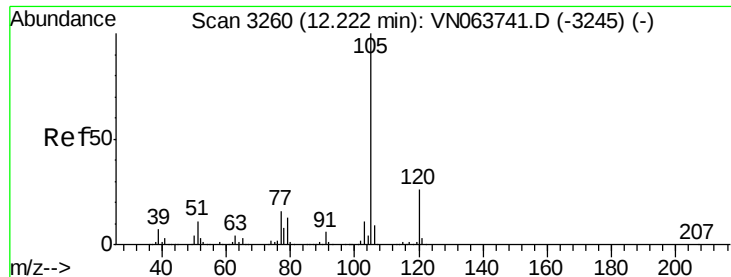
115 63.6 31.3 93.8

150 164.4 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: 19.041 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063814.D

Acq: 2 Oct 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

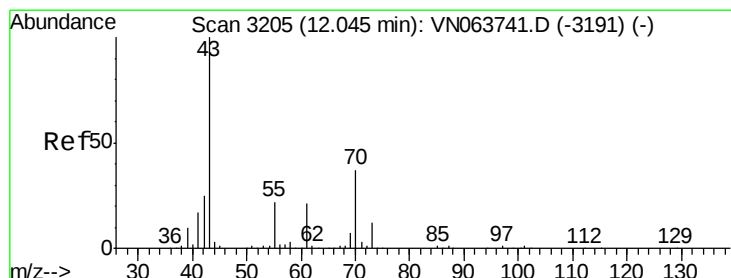
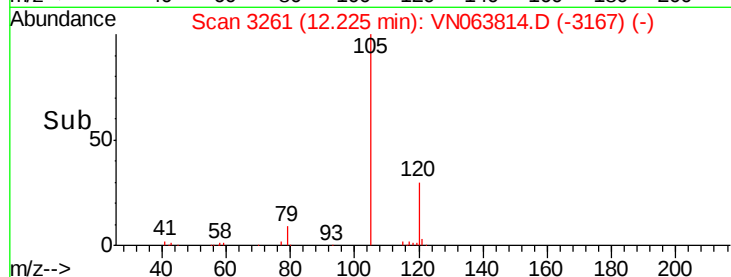
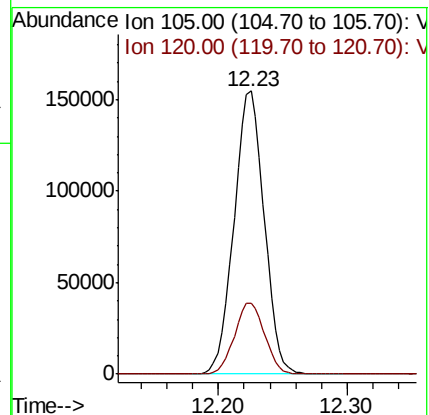
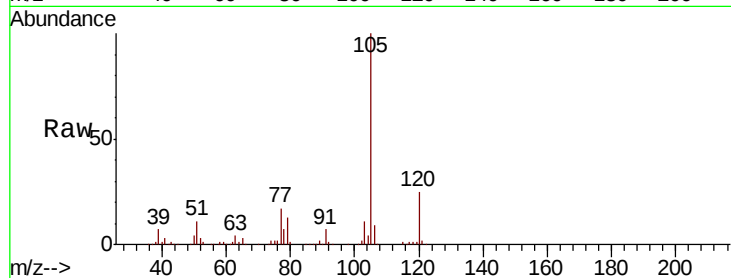
VN1002WBS01

Tot Ion:105 Resp: 250605

Ion Ratio Lower Upper

105 100

120 25.3 12.6 37.8



#74

N-ethyl acetate

Concen: 19.808 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063814.D

Acq: 2 Oct 2020 12:16

Tgt Ion: 43 Resp: 112601

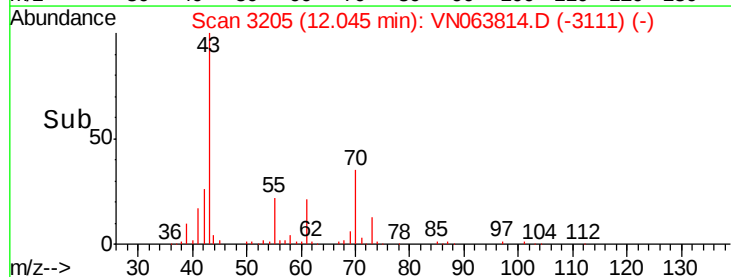
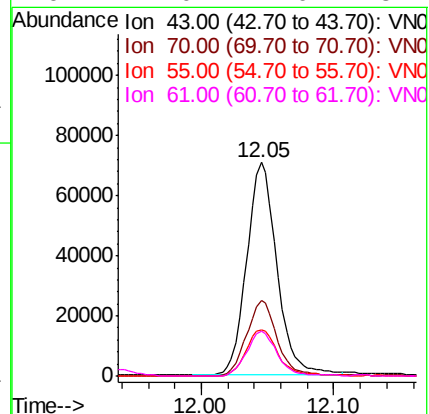
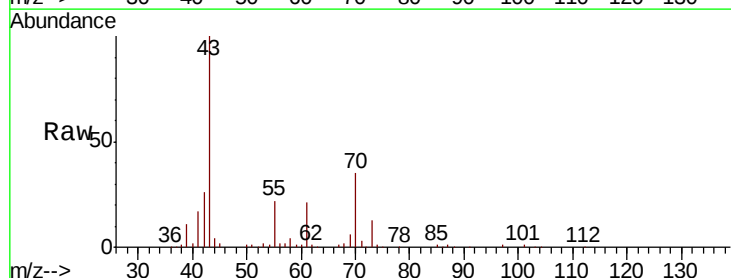
Ion Ratio Lower Upper

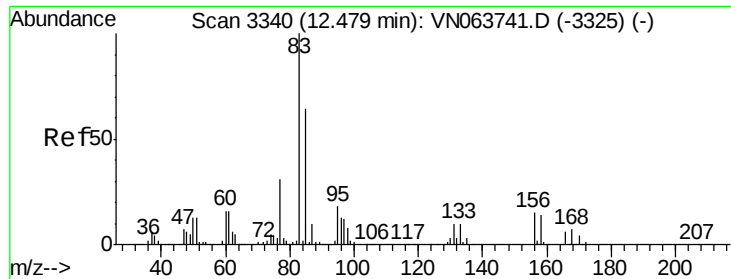
43 100

70 35.8 29.8 44.8

55 23.1 17.9 26.9

61 21.0 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.178 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063814.D

Acq: 2 Oct 2020 12:16

Instrument :

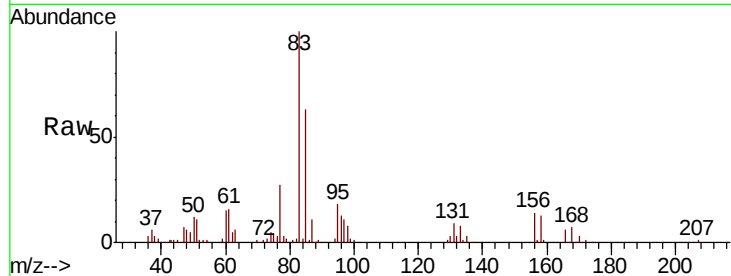
MSVOA_N

ClientSampleId :

VN1002WBS01

Tot Ion: 83 Resp: 81207

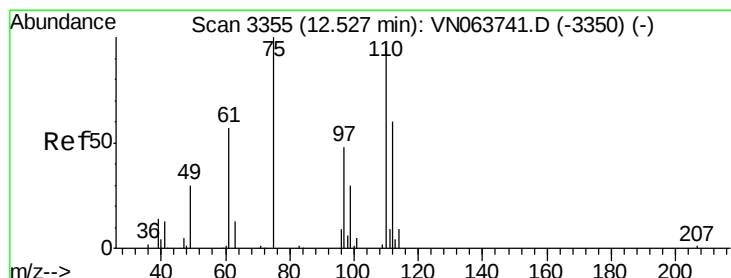
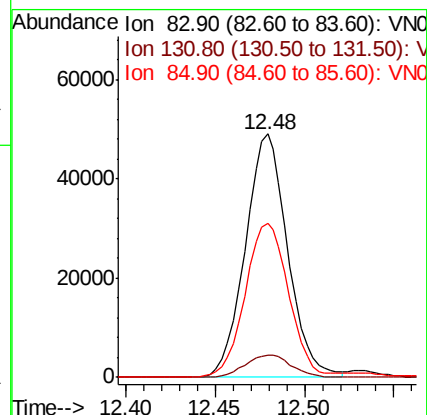
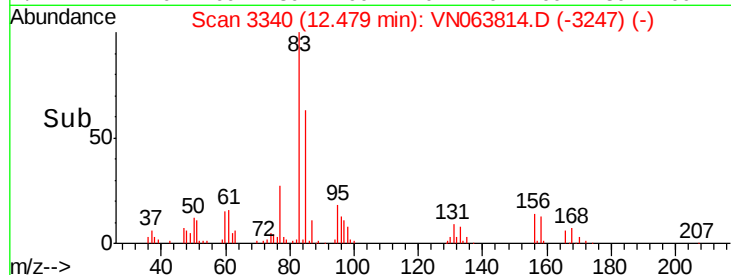
Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.3	15.8
85	65.6	31.3	93.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 28.485 ug/l

RT: 12.53 min Scan# 3355

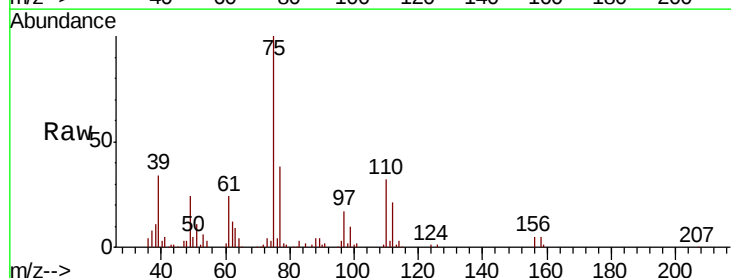
Delta R.T. 0.00 min

Lab File: VN063814.D

Acq: 2 Oct 2020 12:16

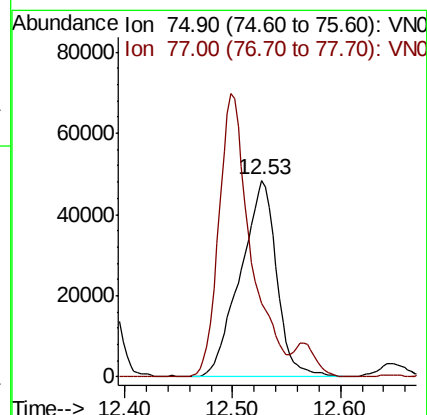
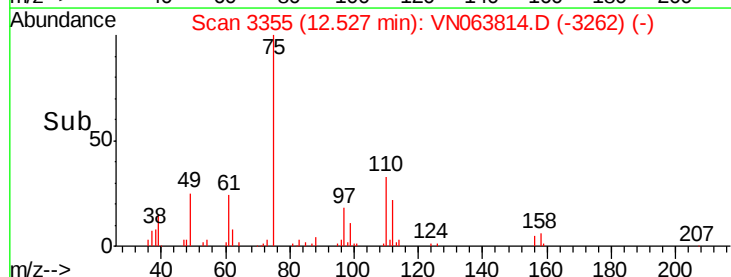
Tgt Ion: 75 Resp: 113301

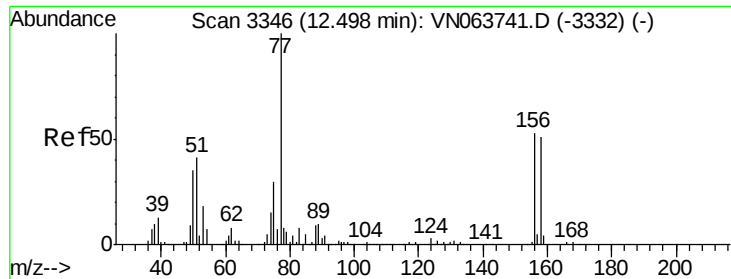
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.726 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063814.D

Acq: 2 Oct 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBS01

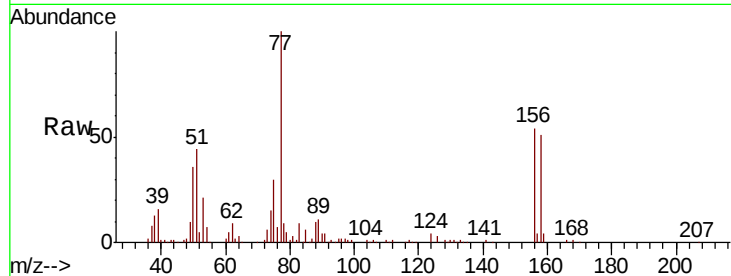
Tot Ion:156 Resp: 63704

Ion Ratio Lower Upper

156 100

77 225.9 110.9 332.7

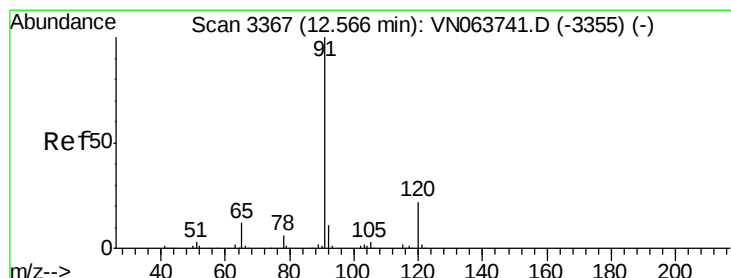
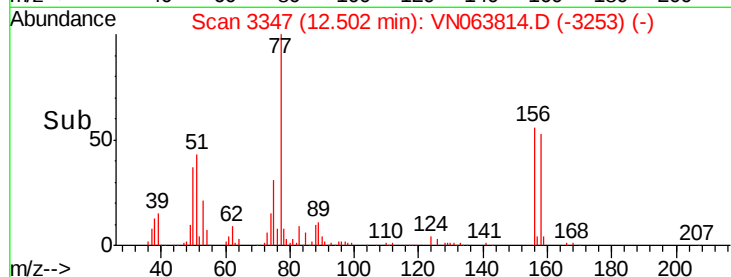
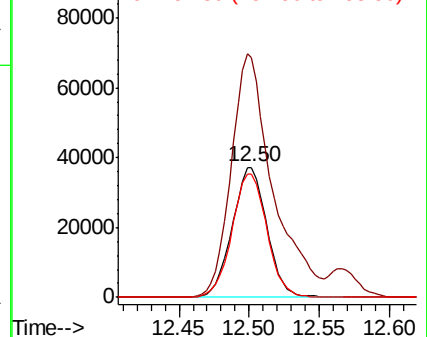
158 95.8 47.7 143.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.450 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063814.D

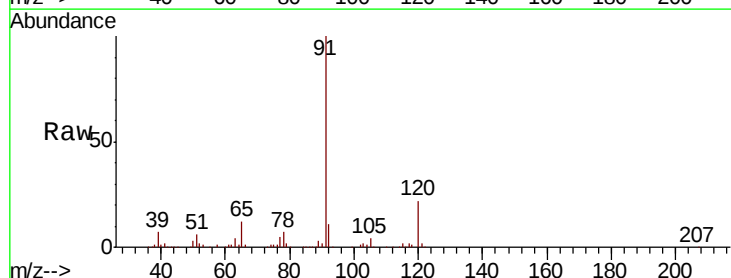
Acq: 2 Oct 2020 12:16

Tgt Ion: 91 Resp: 282602

Ion Ratio Lower Upper

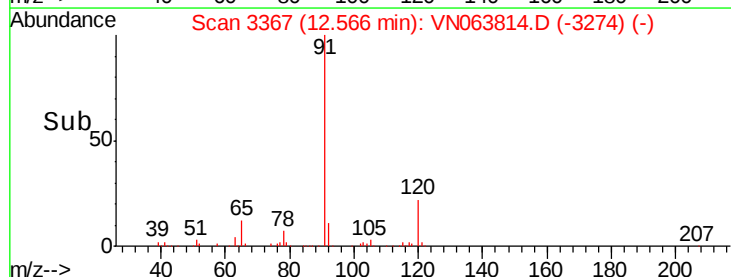
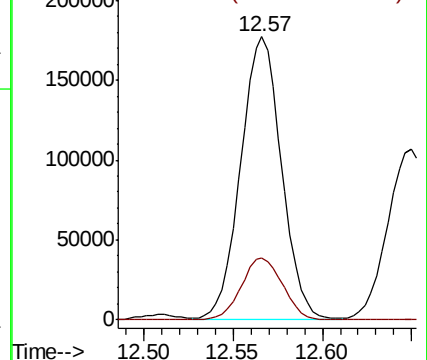
91 100

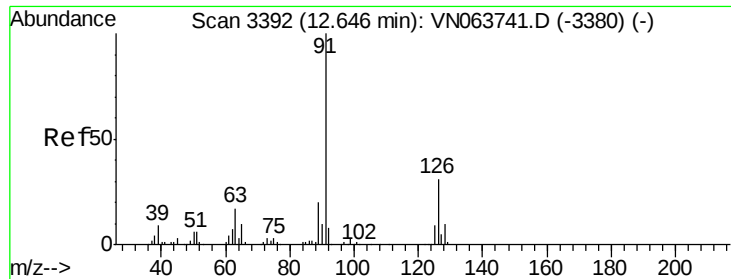
120 22.2 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

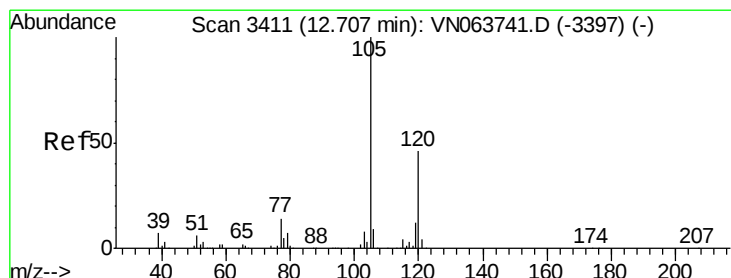
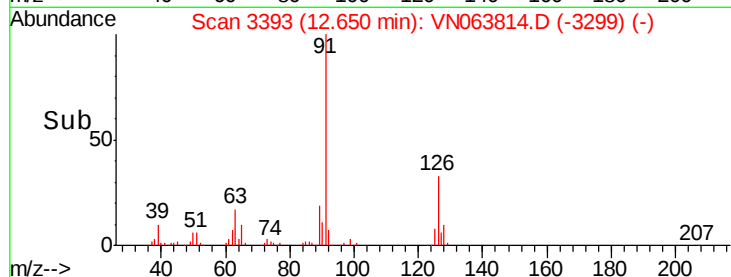
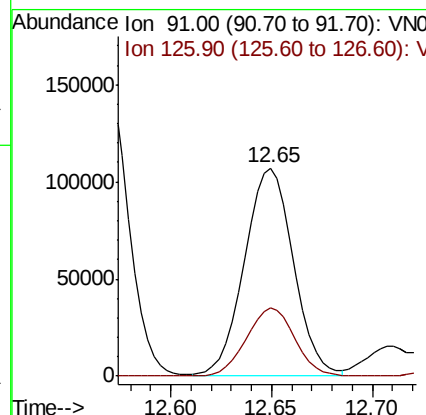
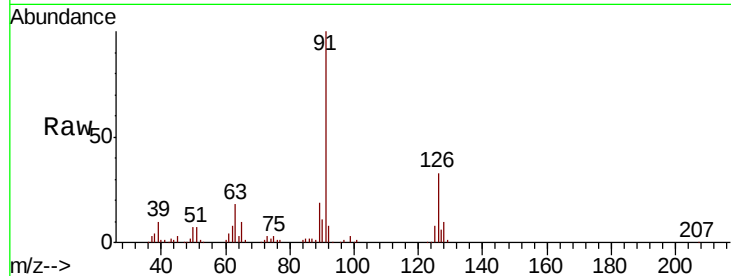




#79
 2-Chlorotoluene
 Concen: 19.180 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063814.D
 Acq: 2 Oct 2020 12:16

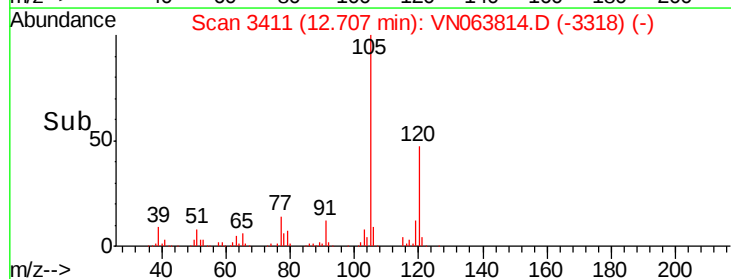
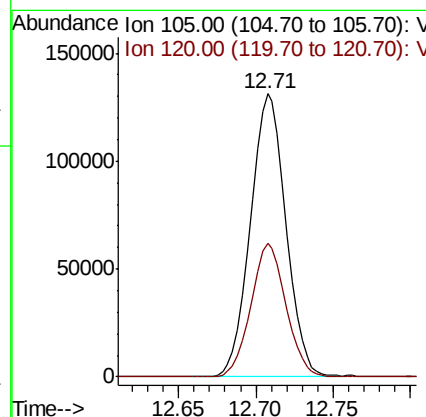
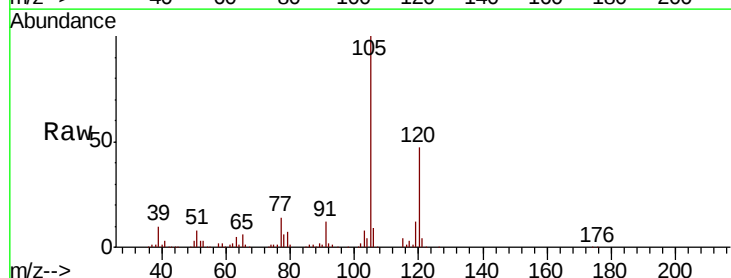
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBS01

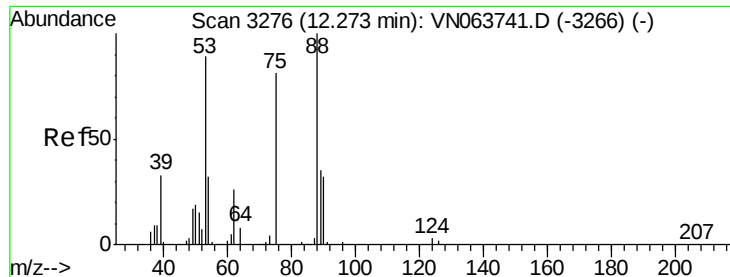
Tot Ion: 91 Resp: 180678
 Ion Ratio Lower Upper
 91 100
 126 32.8 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 18.979 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063814.D
 Acq: 2 Oct 2020 12:16

Tgt Ion: 105 Resp: 209553
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 19.406 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN063814.D

Acq: 2 Oct 2020 12:16

Instrument :

MSVOA_N

ClientSampled :

VN1002WBS01

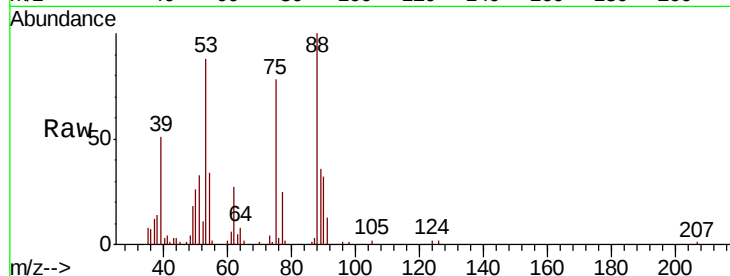
Tot Ion: 75 Resp: 26801

Ion Ratio Lower Upper

75 100

53 111.3 88.2 132.2

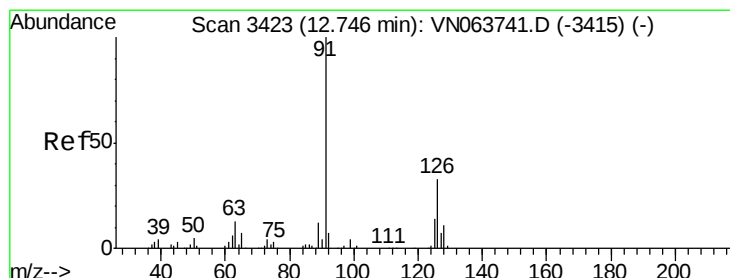
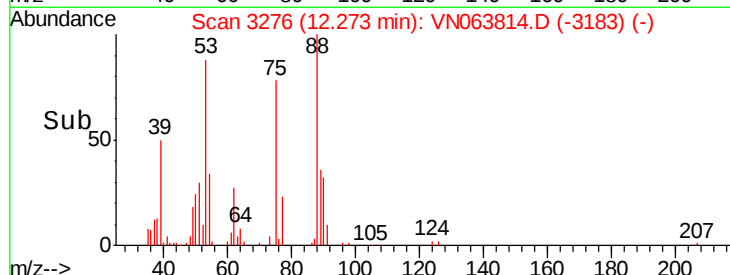
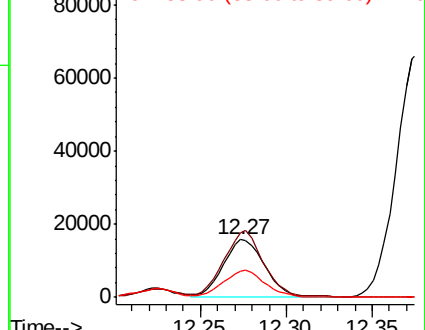
89 47.0 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.268 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063814.D

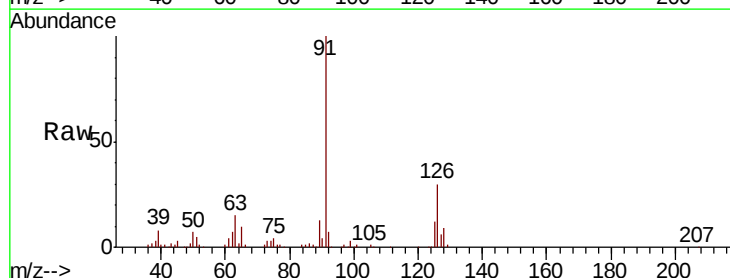
Acq: 2 Oct 2020 12:16

Tgt Ion: 91 Resp: 188427

Ion Ratio Lower Upper

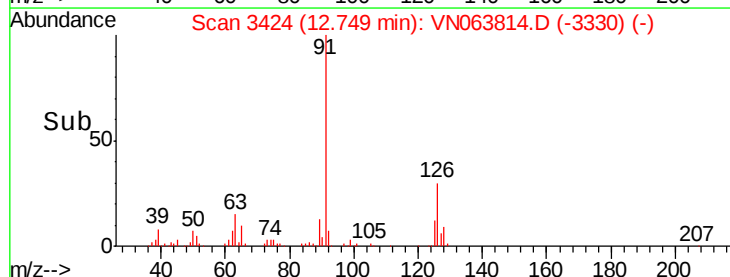
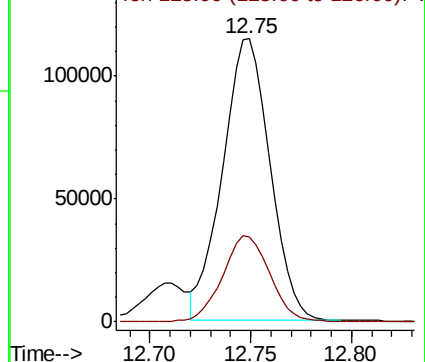
91 100

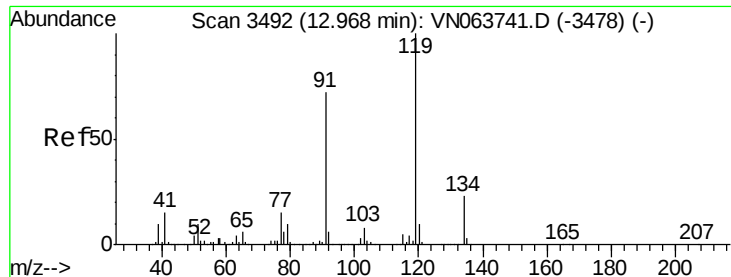
126 30.3 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

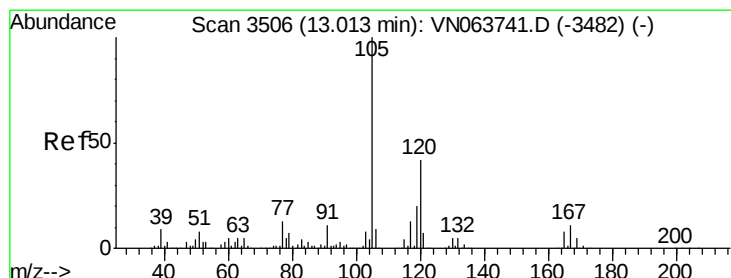
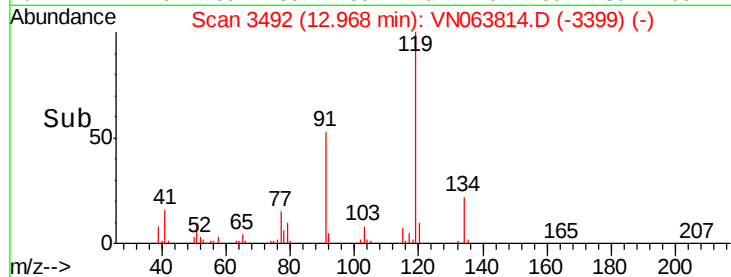
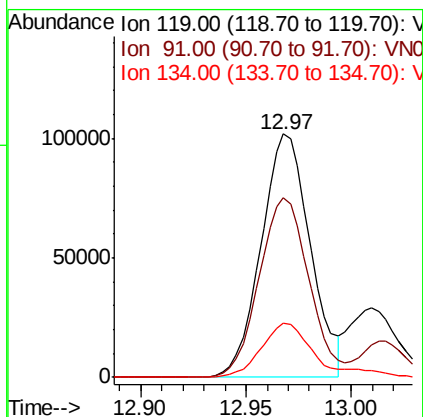
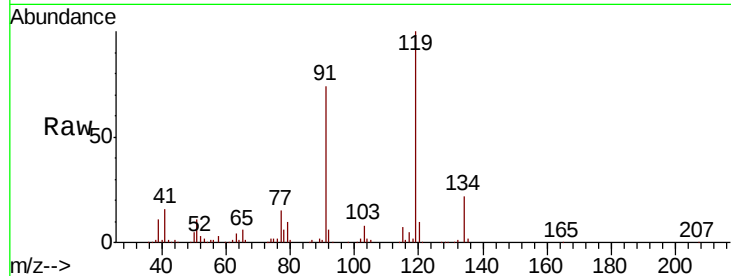




#83
tert-Butylbenzene
Concen: 18.354 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN063814.D
Acq: 2 Oct 2020 12:16

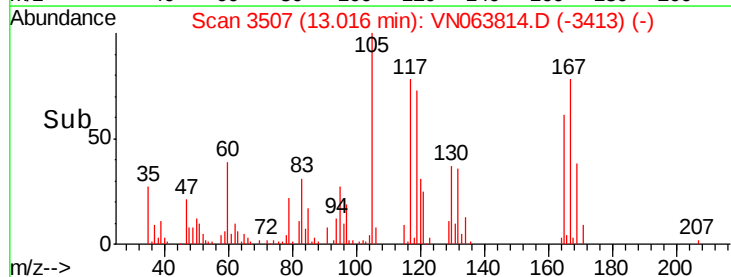
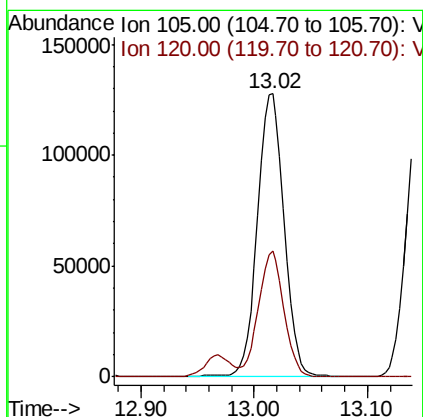
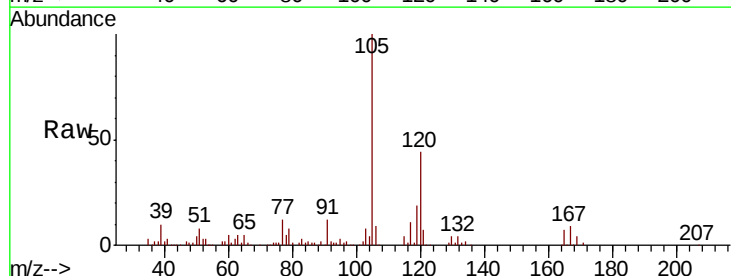
Instrument :
MSVOA_N
ClientSampled :
VN1002WBS01

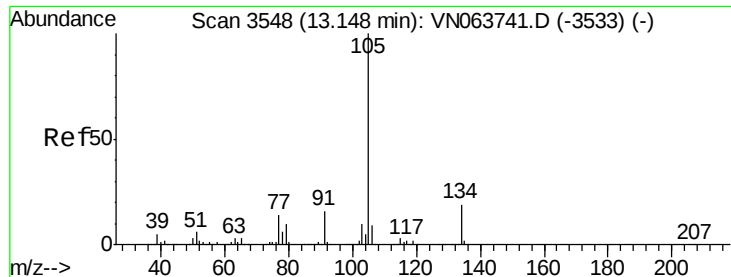
Tot Ion:119 Resp: 165769
Ion Ratio Lower Upper
119 100
91 74.7 35.5 106.5
134 24.6 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 19.088 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063814.D
Acq: 2 Oct 2020 12:16

Tgt Ion:105 Resp: 210421
Ion Ratio Lower Upper
105 100
120 42.0 20.9 62.7

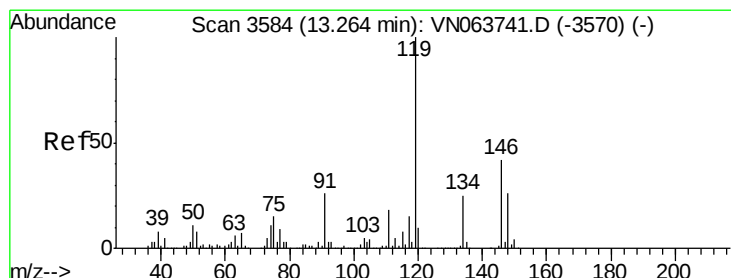
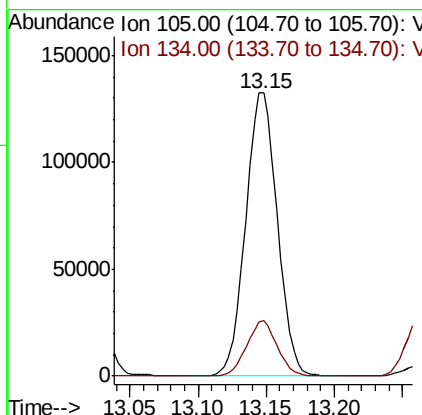
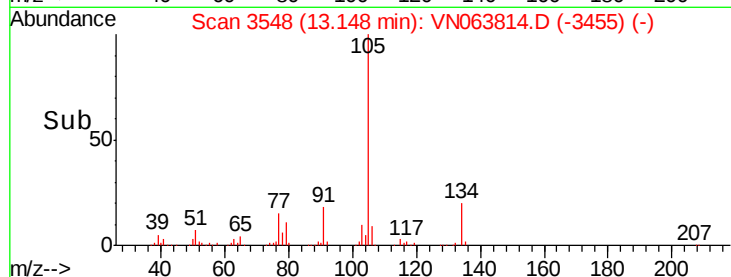
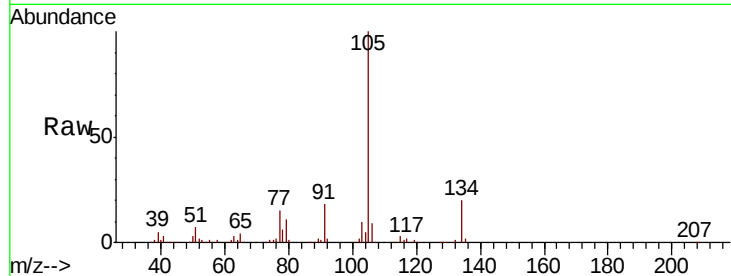




#85
 sec-Butylbenzene
 Concen: 17.920 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063814.D
 Acq: 2 Oct 2020 12:16

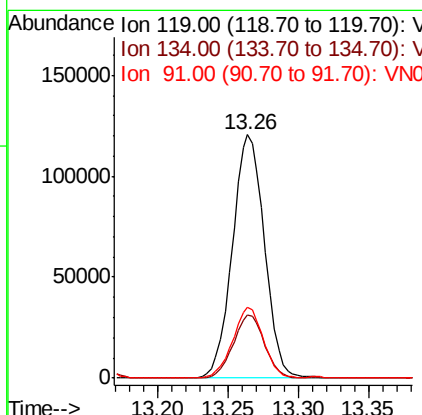
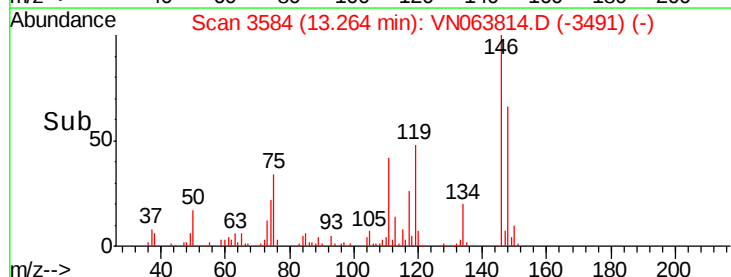
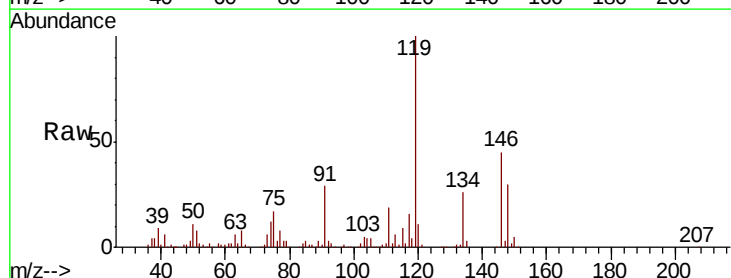
Instrument :
 MSVOA_N
 ClientSampled :
 VN1002WBS01

Tot Ion:105 Resp: 212577
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 18.267 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN063814.D
 Acq: 2 Oct 2020 12:16

Tgt Ion:119 Resp: 191697
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 27.4 13.4 40.2





#87

1,3-Dichlorobenzene

Concen: 18.230 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN063814.D

Acq: 2 Oct 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBS01

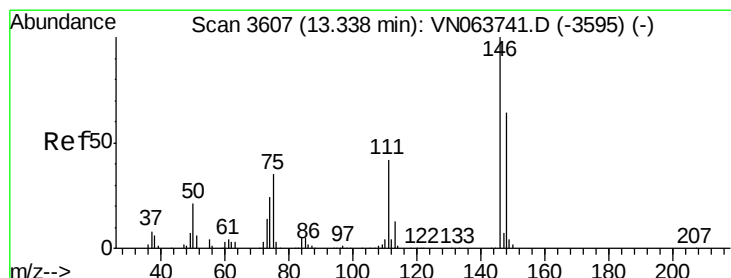
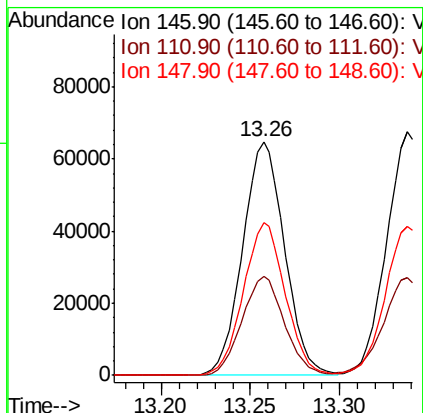
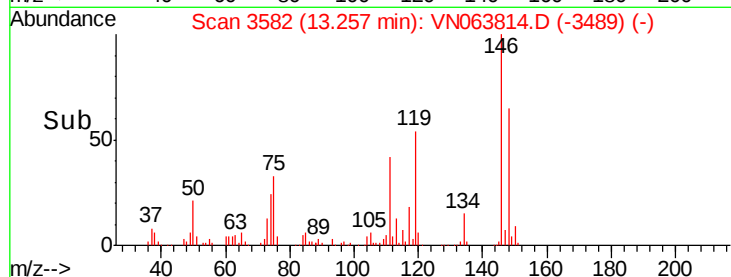
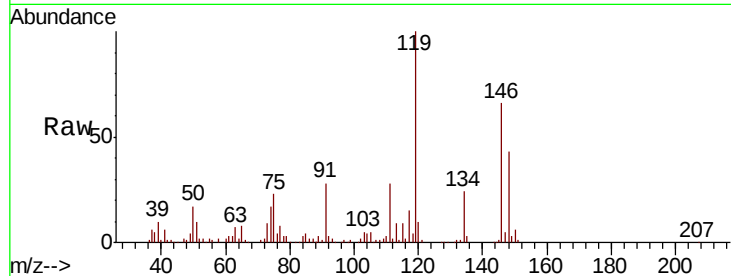
Tot Ion:146 Resp: 106509

Ion Ratio Lower Upper

146 100

111 42.7 21.5 64.5

148 65.0 31.1 93.3



#88

1,4-Dichlorobenzene

Concen: 17.887 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN063814.D

Acq: 2 Oct 2020 12:16

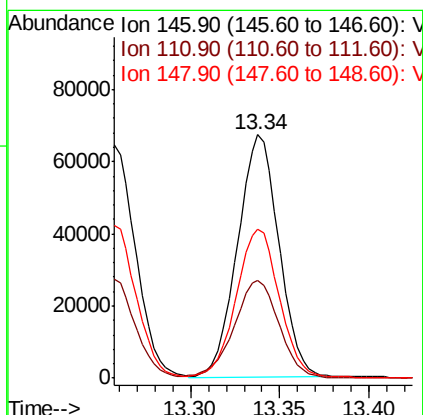
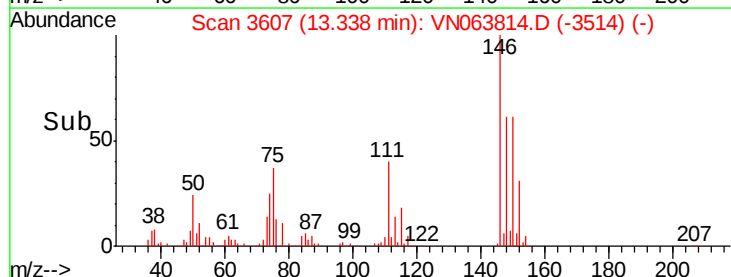
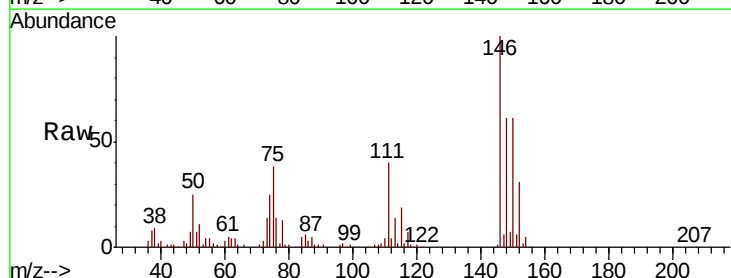
Tgt Ion:146 Resp: 108811

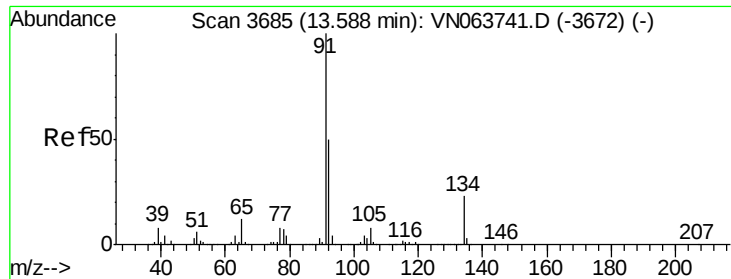
Ion Ratio Lower Upper

146 100

111 43.6 21.3 63.7

148 65.1 32.0 96.0

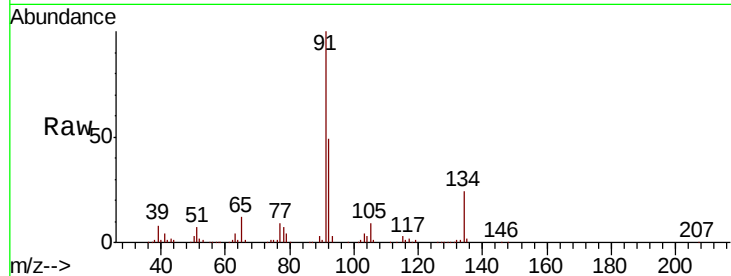




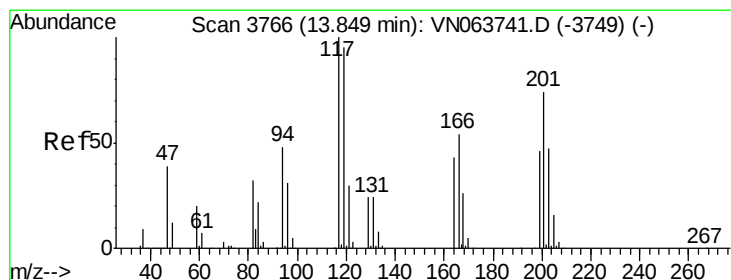
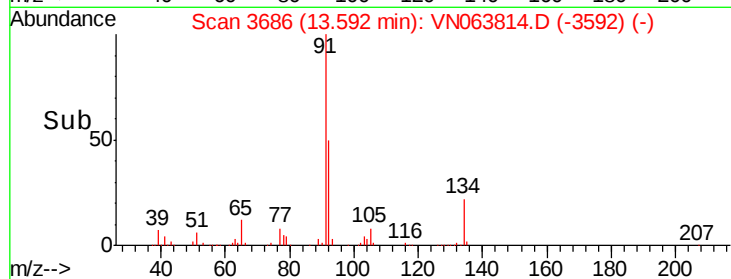
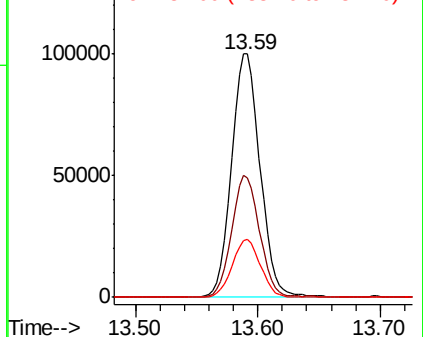
#89
n-Butylbenzene
Concen: 16.834 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063814.D
Acq: 2 Oct 2020 12:16

Instrument :
MSVOA_N
ClientSampled :
VN1002WBS01

Tot Ion: 91 Resp: 163051
Ion Ratio Lower Upper
91 100
92 48.8 25.4 76.4
134 23.5 11.7 35.1

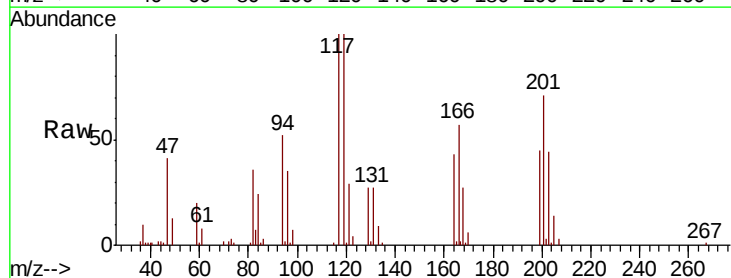


Abundance Ion 91.00 (90.70 to 91.70): VN063814.D (-3686) (-)
Ion 92.00 (91.70 to 92.70): VN063814.D (-3686) (-)
Ion 134.00 (133.70 to 134.70): VN063814.D (-3686) (-)

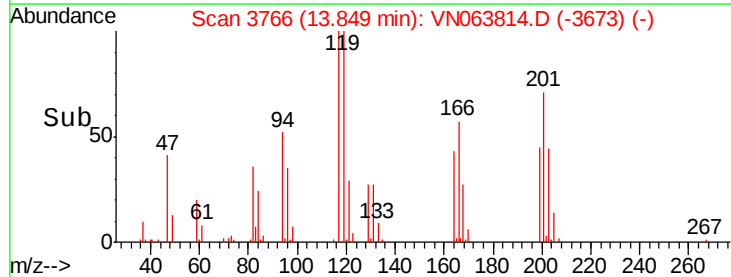
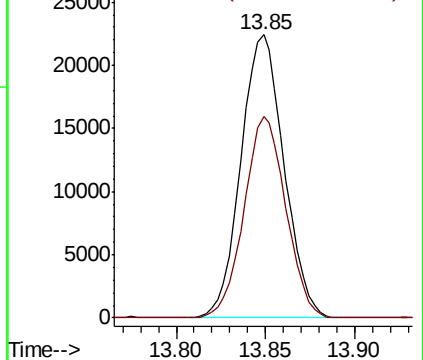


#90
Hexachloroethane
Concen: 18.637 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063814.D
Acq: 2 Oct 2020 12:16

Tgt Ion: 117 Resp: 37900
Ion Ratio Lower Upper
117 100
201 68.8 36.0 108.0



Abundance Ion 116.80 (116.50 to 117.50): VN063814.D (-3766) (-)
Ion 200.70 (200.40 to 201.40): VN063814.D (-3766) (-)

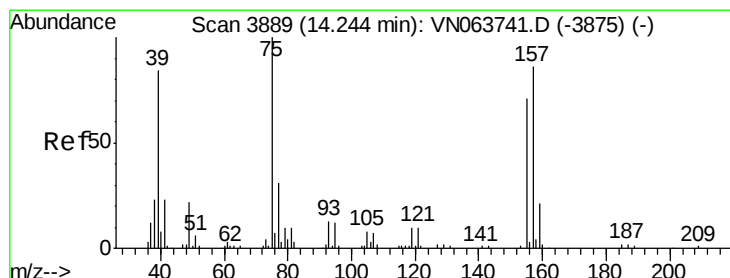
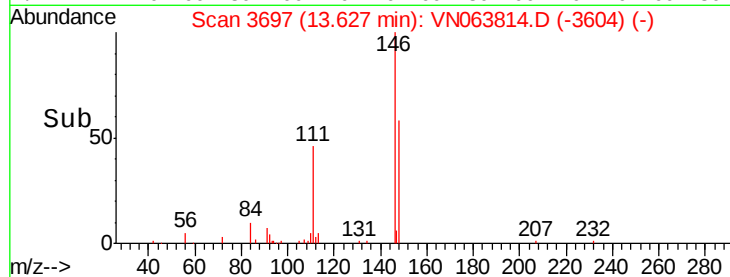
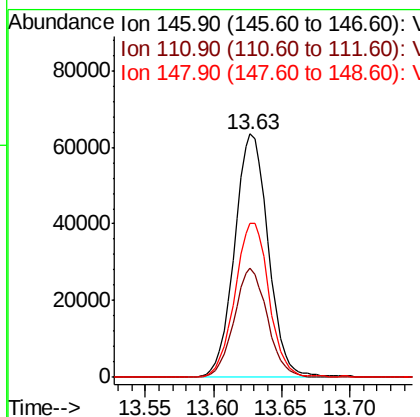
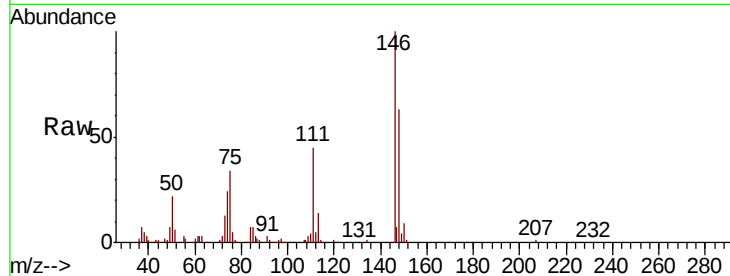




#91
 1,2-Dichlorobenzene
 Concen: 18.827 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063814.D
 Acq: 2 Oct 2020 12:16

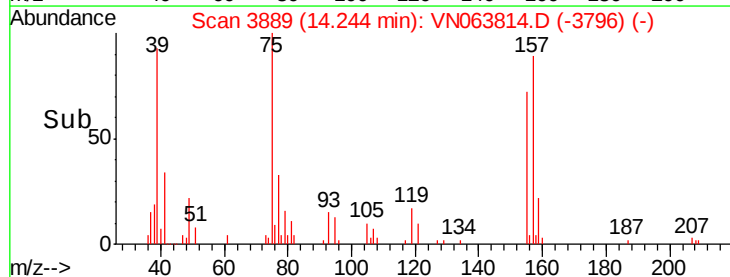
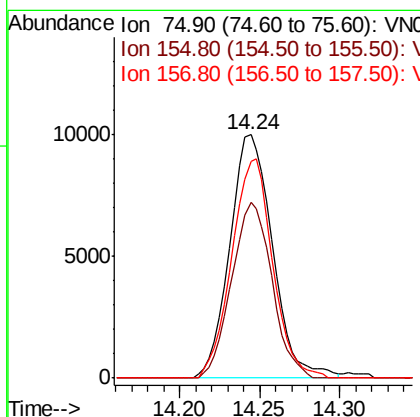
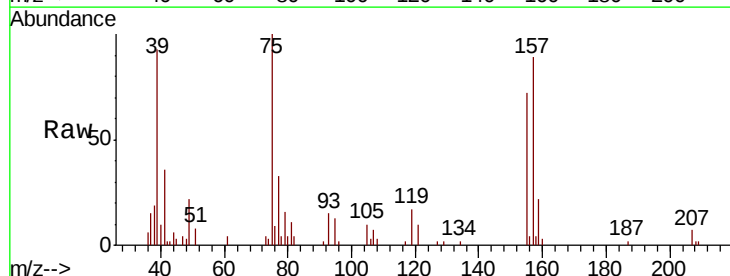
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBS01

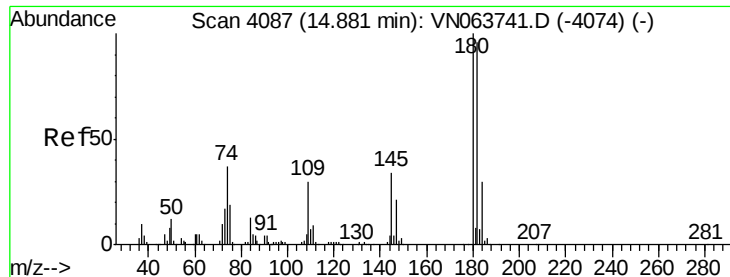
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.2	22.2	66.6
148	64.1	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.267 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063814.D
 Acq: 2 Oct 2020 12:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	67.8	34.8	104.5
157	86.1	43.7	131.1

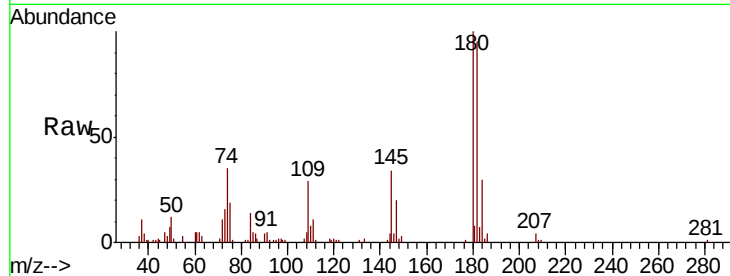




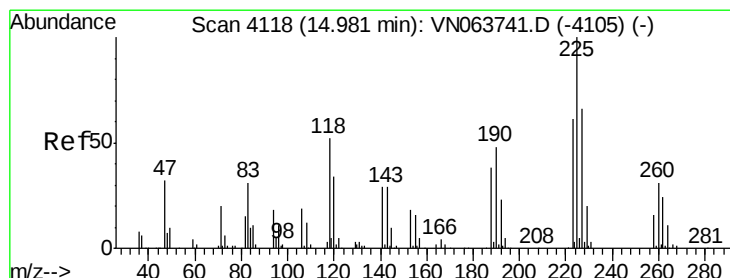
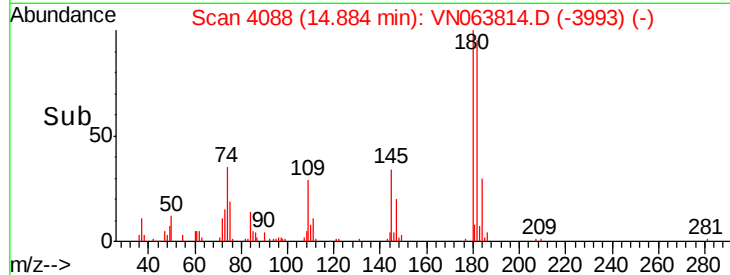
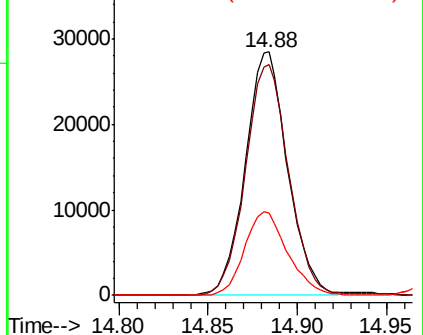
#93
 1,2,4-Trichlorobenzene
 Concen: 16.264 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063814.D
 Acq: 2 Oct 2020 12:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBS01

Tot Ion:180 Resp: 47358
 Ion Ratio Lower Upper
 180 100
 182 96.5 48.2 144.6
 145 34.7 17.1 51.2

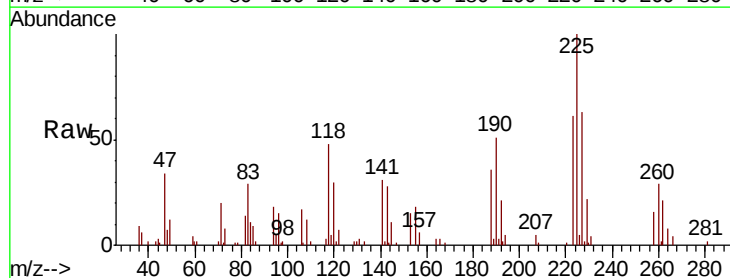


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

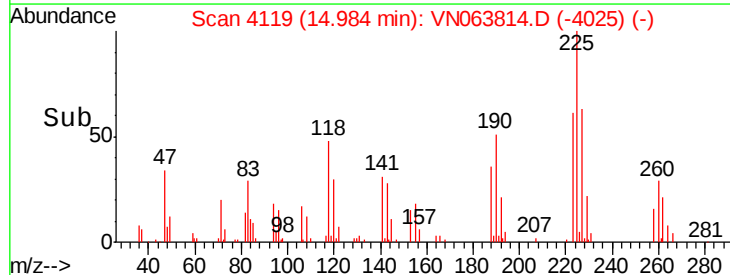
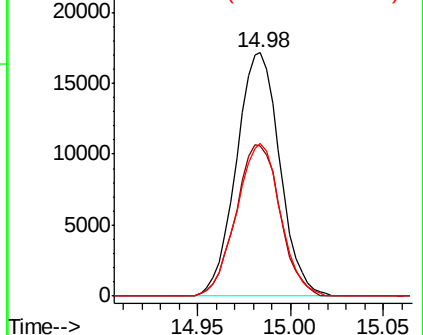


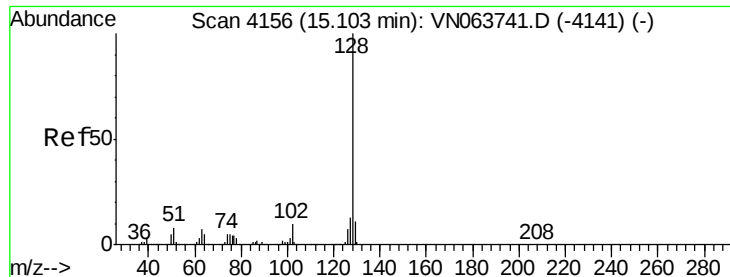
#94
 Hexachlorobutadiene
 Concen: 17.891 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063814.D
 Acq: 2 Oct 2020 12:16

Tgt Ion:225 Resp: 28004
 Ion Ratio Lower Upper
 225 100
 223 63.2 30.3 91.0
 227 63.3 31.9 95.5



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





#95

Naphthalene

Concen: 17.181 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063814.D

Acq: 2 Oct 2020 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN1002WBS01

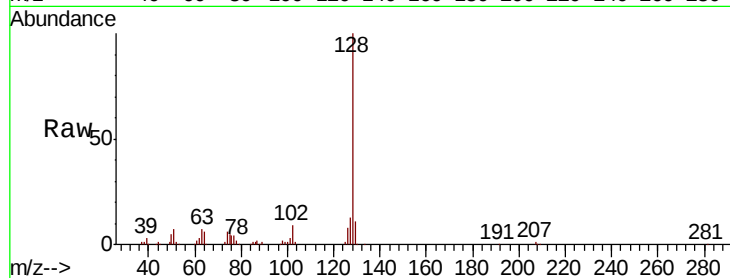
Tot Ion:128 Resp: 154483

Ion Ratio Lower Upper

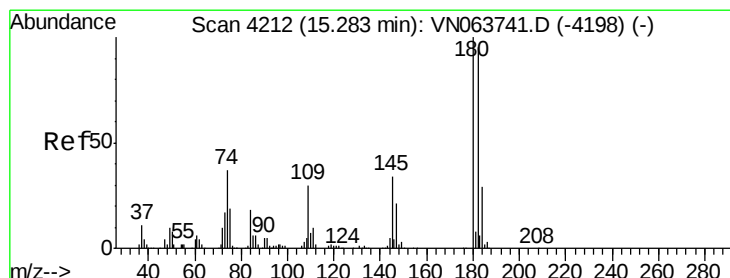
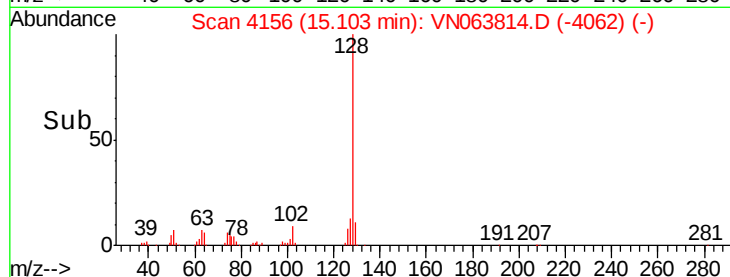
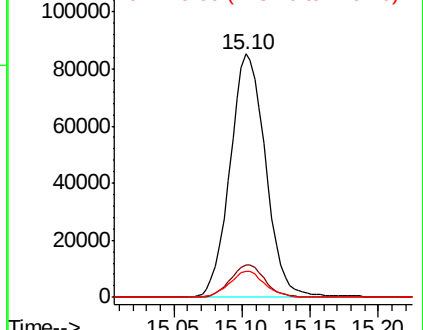
128 100

127 13.0 10.5 15.7

129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 16.581 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063814.D

Acq: 2 Oct 2020 12:16

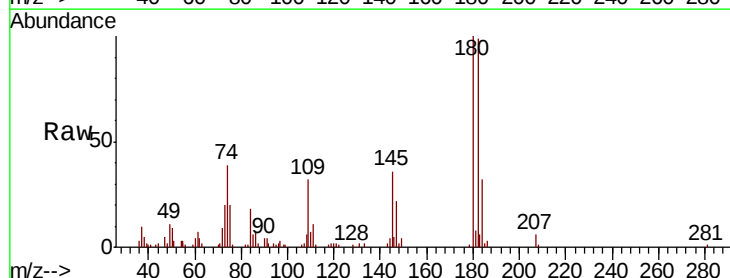
Tgt Ion:180 Resp: 47300

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.6

145 35.0 17.2 51.5



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

