

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064052.D
 Acq On : 9 Oct 2020 22:25
 Operator : JC/MD
 Sample : VN1009WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS02

Quant Time: Oct 10 02:24:08 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	228924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	388162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	367175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	161312	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	196411	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
35) Dibromofluoromethane	7.55	113	136886	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	10.06	98	494034	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
62) 4-Bromofluorobenzene	12.38	95	177709	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	42167	17.457	ug/l	97
3) Chloromethane	2.04	50	51758	18.261	ug/l	98
4) Vinyl Chloride	2.16	62	50751	17.838	ug/l	99
5) Bromomethane	2.53	94	30080	16.809	ug/l	96
6) Chloroethane	2.67	64	32896	19.350	ug/l	95
7) Trichlorofluoromethane	2.99	101	81858	18.141	ug/l	98
8) Diethyl Ether	3.38	74	29171	19.116	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.72	101	44293	18.366	ug/l	98
10) Methyl Iodide	3.91	142	48726	17.401	ug/l	99
11) Tert butyl alcohol	4.73	59	44380	106.288	ug/l #	84
12) 1,1-Dichloroethene	3.70	96	42668	18.509	ug/l	95
13) Acrolein	3.57	56	33042	128.937	ug/l	99
14) Allyl chloride	4.28	41	86429	20.181	ug/l	90
15) Acrylonitrile	4.93	53	131021	109.623	ug/l	98
16) Acetone	3.78	43	121059	103.983	ug/l	98
17) Carbon Disulfide	4.01	76	110581	18.200	ug/l	98
18) Methyl Acetate	4.28	43	70636	23.368	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	158209	18.890	ug/l	100
20) Methylene Chloride	4.51	84	55085	20.715	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	46175	17.883	ug/l	99
22) Diisopropyl ether	5.90	45	189070	21.458	ug/l	94
23) Vinyl Acetate	5.85	43	744128	101.950	ug/l	99
24) 1,1-Dichloroethane	5.80	63	100981	20.044	ug/l	99
25) 2-Butanone	6.79	43	186455	112.964	ug/l	98
26) 2,2-Dichloropropane	6.78	77	75789	16.427	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	54805	18.455	ug/l	97
28) Bromochloromethane	7.15	49	51314	20.608	ug/l	97
29) Tetrahydrofuran	7.17	42	124231	112.220	ug/l	95
30) Chloroform	7.33	83	104584	19.909	ug/l	94
31) Cyclohexane	7.62	56	79039	18.002	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	91524	19.316	ug/l	98
36) 1,1-Dichloropropene	7.75	75	72556	18.451	ug/l	98
37) Ethyl Acetate	6.88	43	79446	20.335	ug/l	99
38) Carbon Tetrachloride	7.73	117	80169	18.180	ug/l	94

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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	61456	15.671	ug/l	98
40) Benzene	8.00	78	215584	19.194	ug/l	96
41) Methacrylonitrile	7.17	41	117349	67.581	ug/l #	23
42) 1,2-Dichloroethane	8.08	62	90616	18.900	ug/l	99
43) Isopropyl Acetate	8.13	43	129679	20.123	ug/l	100
44) Trichloroethene	8.80	130	52206	17.739	ug/l	99
45) 1,2-Dichloropropane	9.09	63	59777	19.706	ug/l	98
46) Dibromomethane	9.17	93	40540	19.373	ug/l	96
47) Bromodichloromethane	9.37	83	81972	19.007	ug/l	99
48) Methyl methacrylate	9.17	41	63583	19.970	ug/l	90
49) 1,4-Dioxane	9.17	88	16953	374.648	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	407280	107.694	ug/l	99
52) Toluene	10.13	92	133571	19.226	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	83734	18.112	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	88059	18.213	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	52726	18.924	ug/l	97
56) Ethyl methacrylate	10.40	69	72310	18.310	ug/l	96
57) 1,3-Dichloropropane	10.68	76	90785	19.260	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.66	63	206218	97.618	ug/l	98
59) 2-Hexanone	10.72	43	287343	102.280	ug/l	100
60) Dibromochloromethane	10.87	129	59329	18.285	ug/l	99
61) 1,2-Dibromoethane	10.98	107	54110	18.986	ug/l	100
64) Tetrachloroethene	10.60	164	48322	17.010	ug/l	99
65) Chlorobenzene	11.41	112	134413	17.846	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	55505	19.222	ug/l	98
67) Ethyl Benzene	11.48	91	239444	17.471	ug/l	100
68) m/p-Xylenes	11.60	106	176384	34.531	ug/l	98
69) o-Xylene	11.92	106	82826	17.349	ug/l	97
70) Styrene	11.94	104	144724	17.858	ug/l	99
71) Bromoform	12.10	173	39736	17.993	ug/l #	97
73) Isopropylbenzene	12.23	105	226247	19.229	ug/l	99
74) N-amyl acetate	12.05	43	105828	20.710	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	78653	21.861	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	102551	28.839	ug/l #	100
77) Bromobenzene	12.50	156	57371	19.872	ug/l	98
78) n-propylbenzene	12.57	91	255160	18.634	ug/l	100
79) 2-Chlorotoluene	12.65	91	164098	19.485	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	189916	19.240	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	24412	19.773	ug/l	98
82) 4-Chlorotoluene	12.75	91	168497	19.273	ug/l	98
83) tert-Butylbenzene	12.97	119	149603	18.528	ug/l	96
84) 1,2,4-Trimethylbenzene	13.02	105	187577	19.033	ug/l	97
85) sec-Butylbenzene	13.15	105	196498	18.529	ug/l	100
86) p-Isopropyltoluene	13.26	119	172207	18.355	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	96724	18.518	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	98623	18.135	ug/l	99
89) n-Butylbenzene	13.59	91	142666	16.476	ug/l	98
90) Hexachloroethane	13.85	117	34839	19.163	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	97162	18.781	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	17161	20.338	ug/l	96

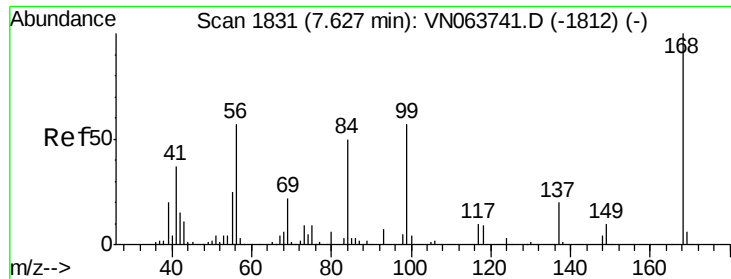
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	40896	15.769	ug/l	97
94) Hexachlorobutadiene	14.98	225	27293	19.499	ug/l	96
95) Naphthalene	15.10	128	117092	14.859	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	41704	16.374	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: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

ClientSampleId :

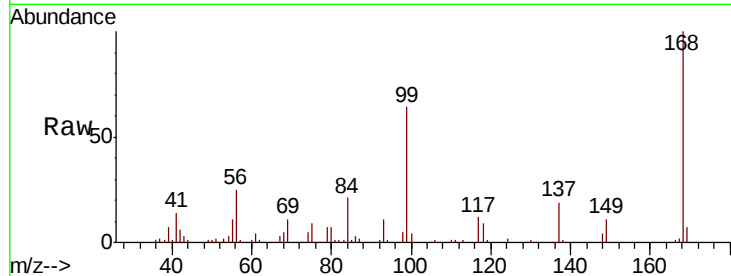
VN1009WBS02

Tot Ion:168 Resp: 228924

Ion Ratio Lower Upper

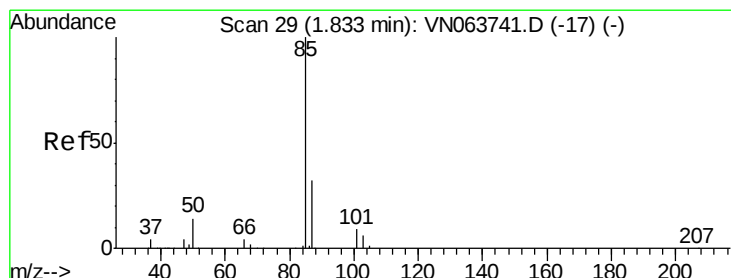
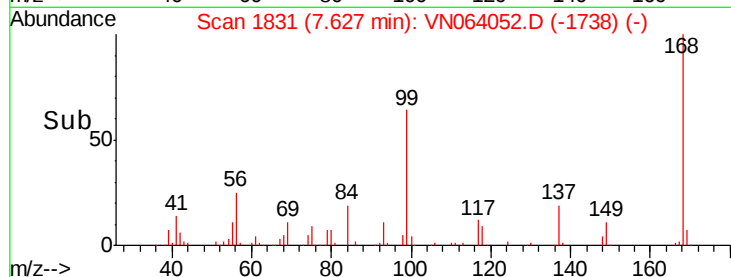
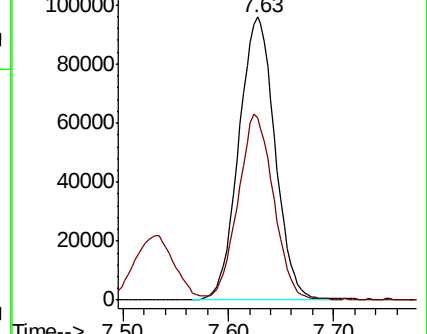
168 100

99 63.9 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 17.457 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064052.D

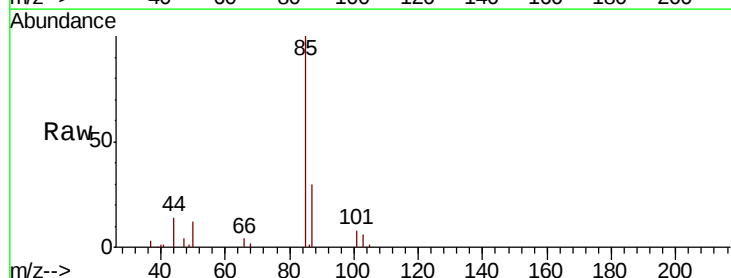
Acq: 9 Oct 2020 22:25

Tgt Ion: 85 Resp: 42167

Ion Ratio Lower Upper

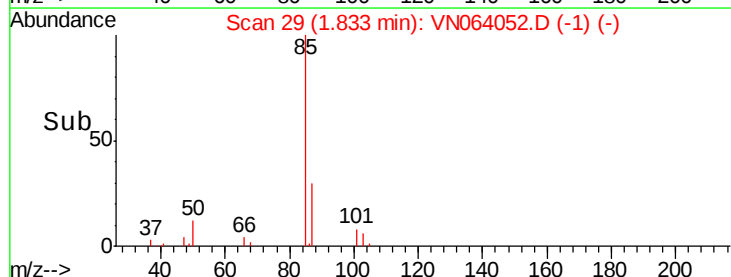
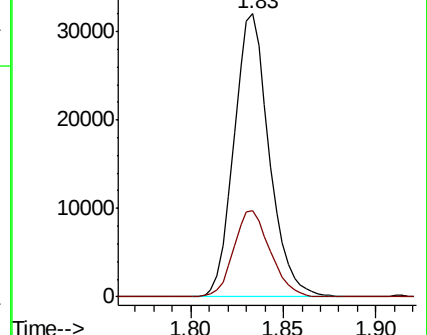
85 100

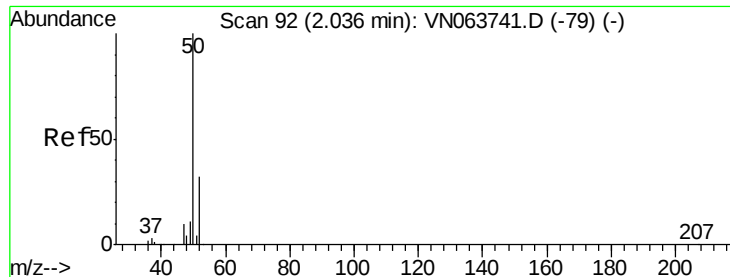
87 30.4 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 18.261 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

ClientSampleId :

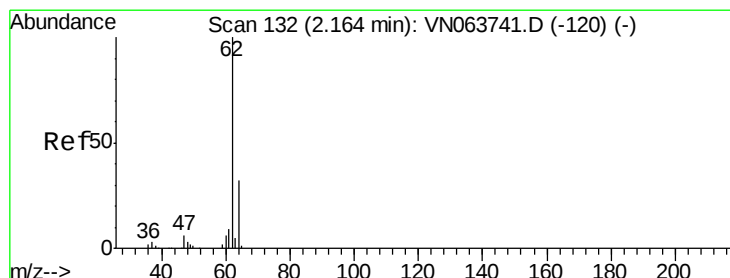
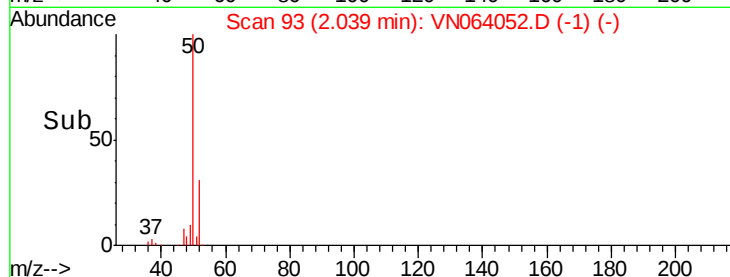
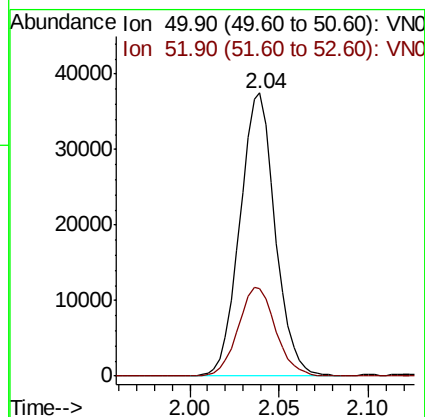
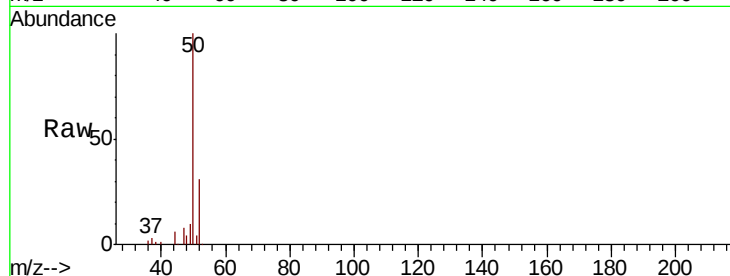
VN1009WBS02

Tot Ion: 50 Resp: 51758

Ion Ratio Lower Upper

50 100

52 31.0 25.8 38.8



#4

Vinyl Chloride

Concen: 17.838 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064052.D

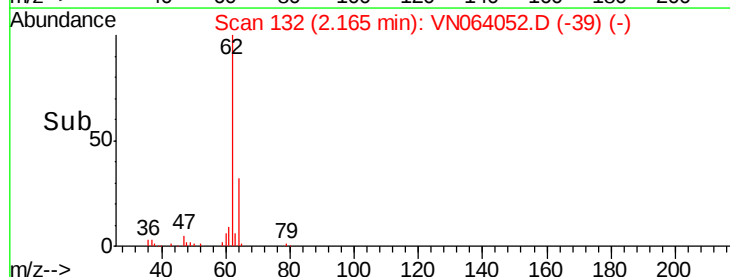
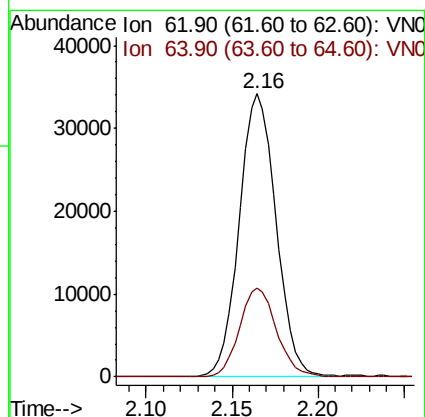
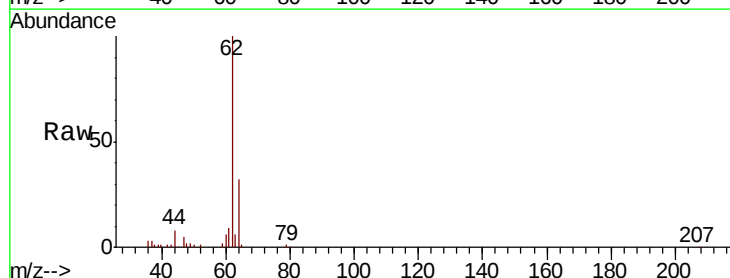
Acq: 9 Oct 2020 22:25

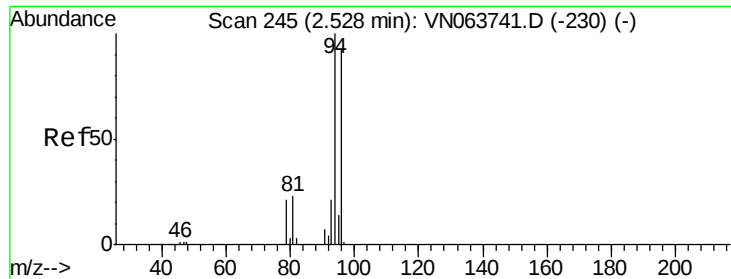
Tgt Ion: 62 Resp: 50751

Ion Ratio Lower Upper

62 100

64 31.6 25.6 38.4





#5

Bromomethane

Concen: 16.809 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

ClientSampleId :

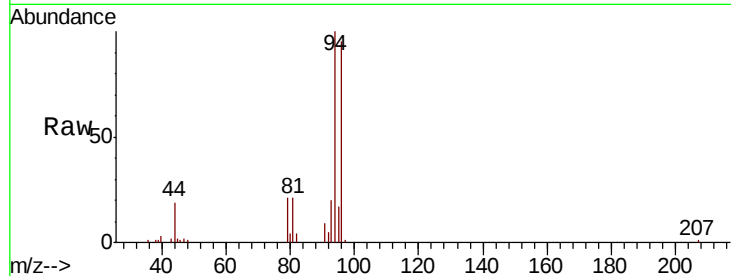
VN1009WBS02

Tot Ion: 94 Resp: 30080

Ion Ratio Lower Upper

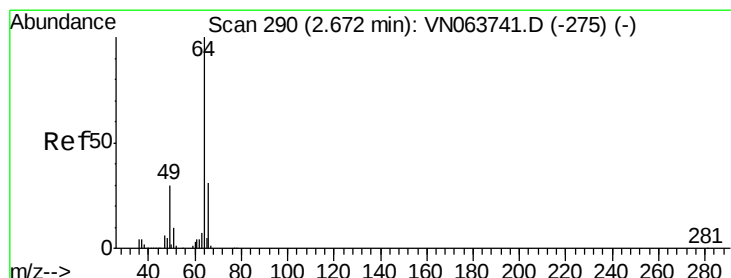
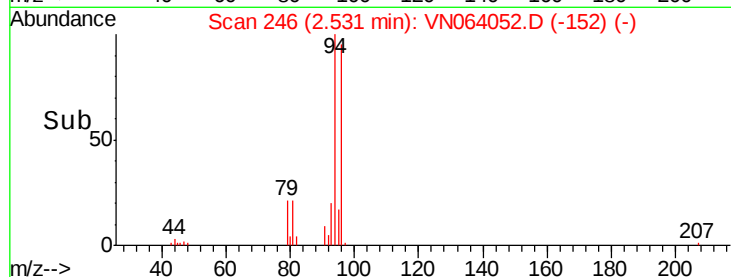
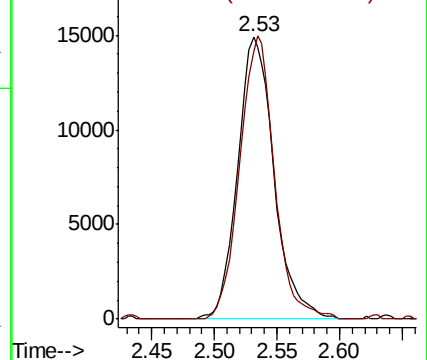
94 100

96 94.9 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.350 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064052.D

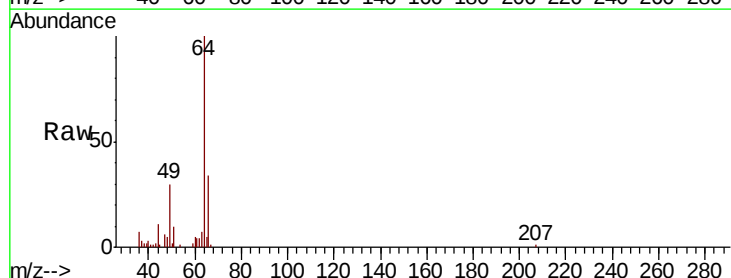
Acq: 9 Oct 2020 22:25

Tgt Ion: 64 Resp: 32896

Ion Ratio Lower Upper

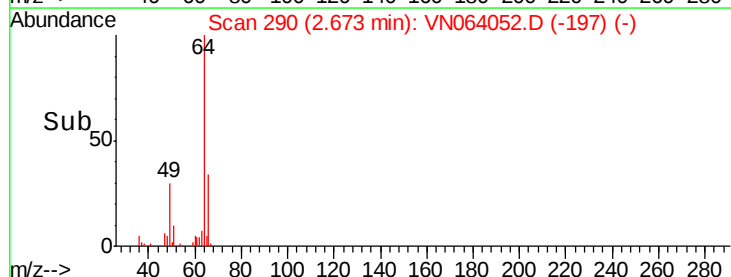
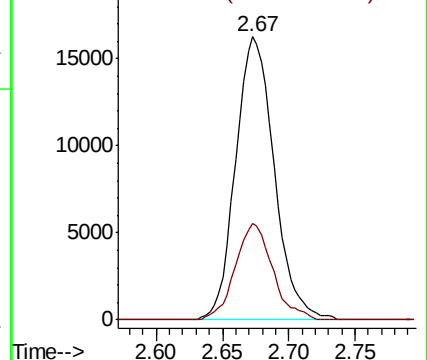
64 100

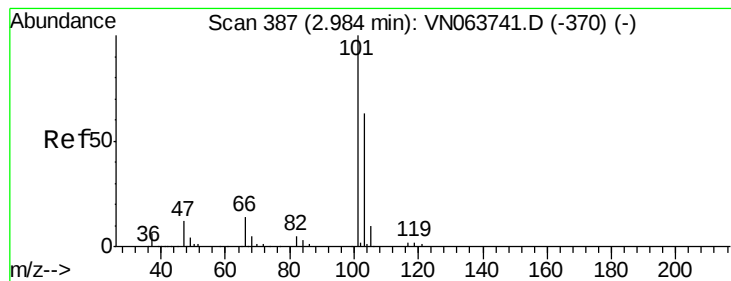
66 33.9 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



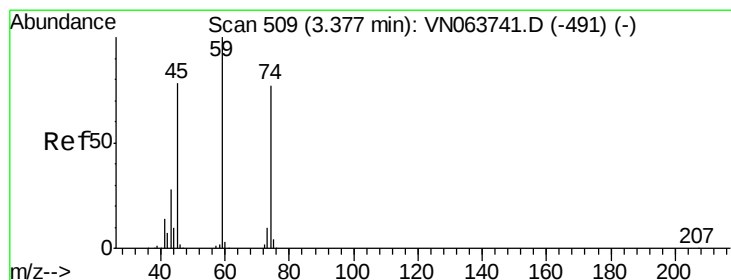
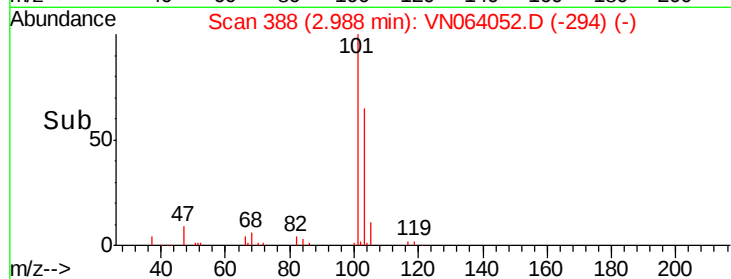
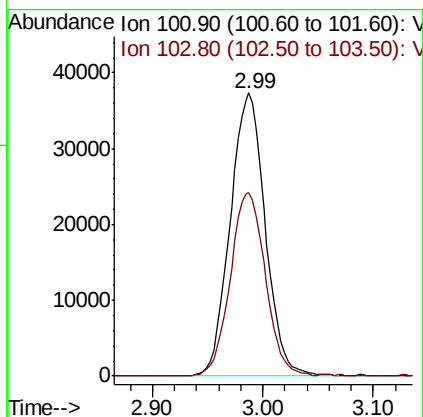
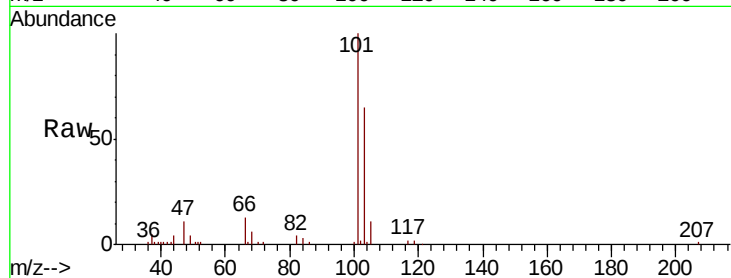


#7

Trichlorofluoromethane
Concen: 18.141 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Instrument :
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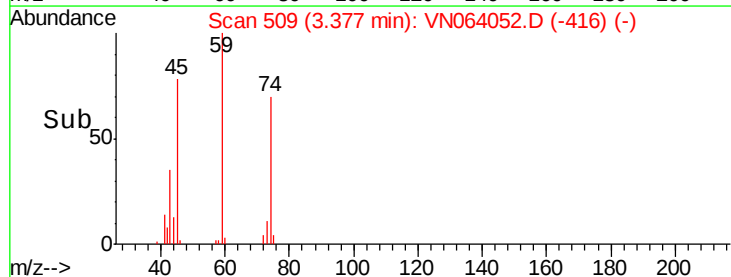
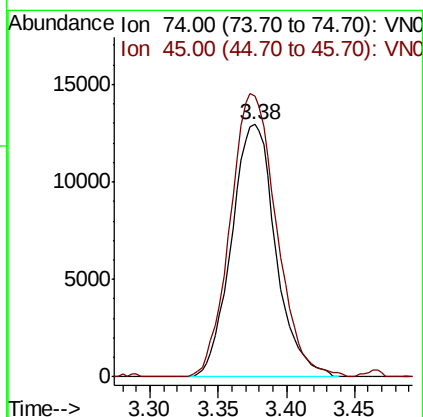
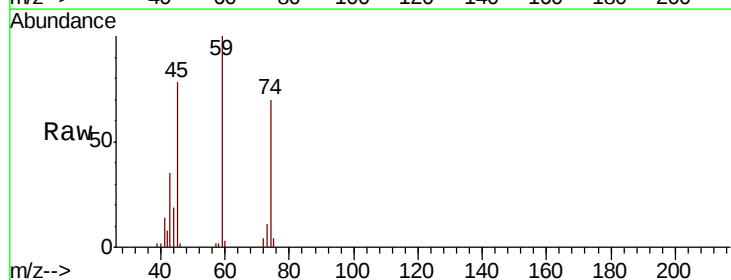
Tot Ion:101 Resp: 81858
Ion Ratio Lower Upper
101 100
103 64.7 50.7 76.1

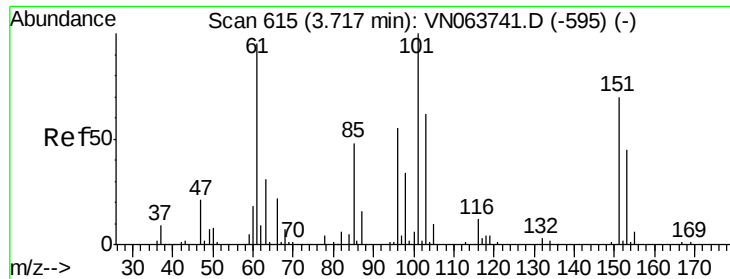


#8

Diethyl Ether
Concen: 19.116 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion: 74 Resp: 29171
Ion Ratio Lower Upper
74 100
45 117.5 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.366 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS02

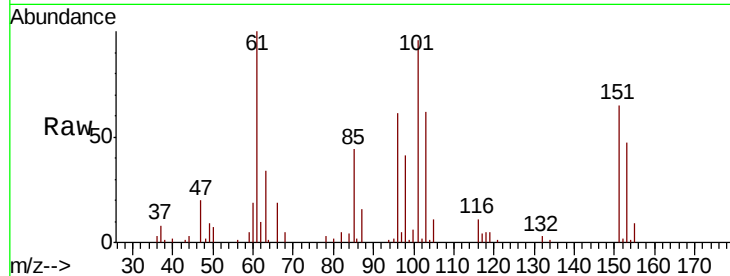
Tot Ion:101 Resp: 44293

Ion Ratio Lower Upper

101 100

85 46.3 38.6 58.0

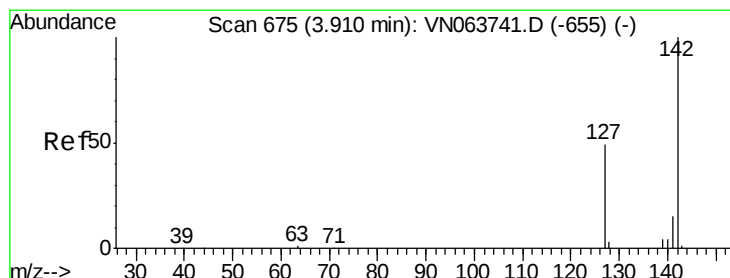
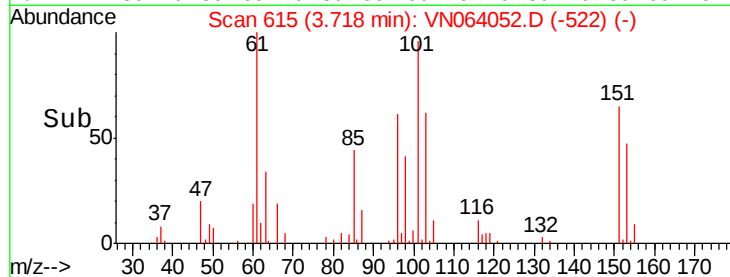
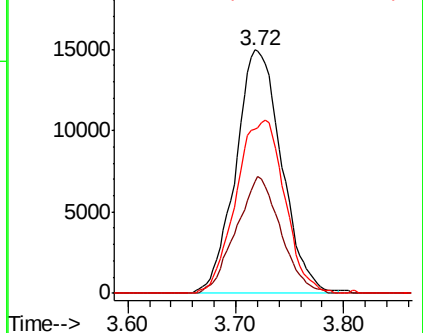
151 75.1 58.7 88.1



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: 17.401 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

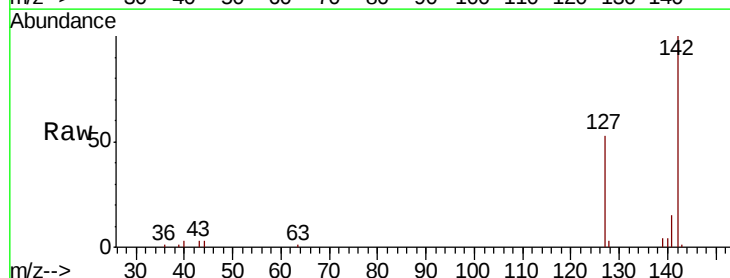
Tgt Ion:142 Resp: 48726

Ion Ratio Lower Upper

142 100

127 50.4 40.5 60.7

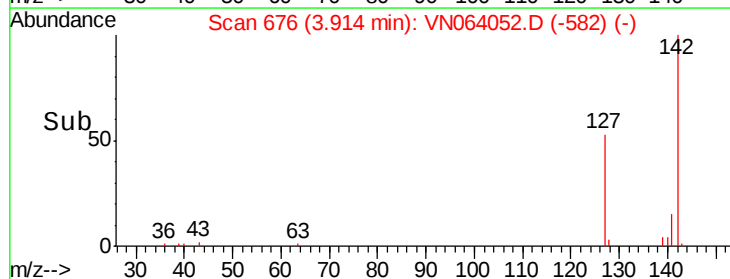
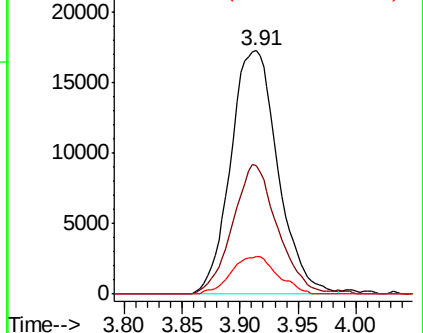
141 15.2 11.7 17.5

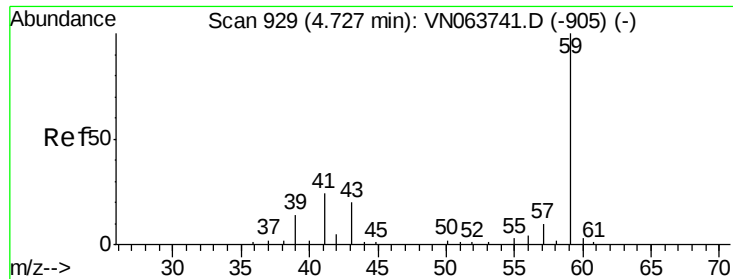


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

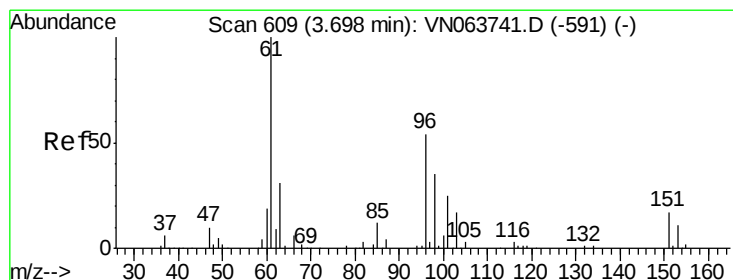
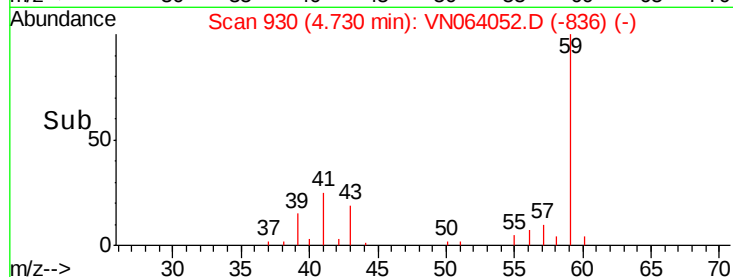
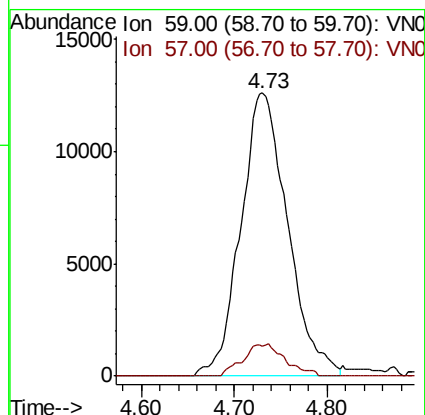
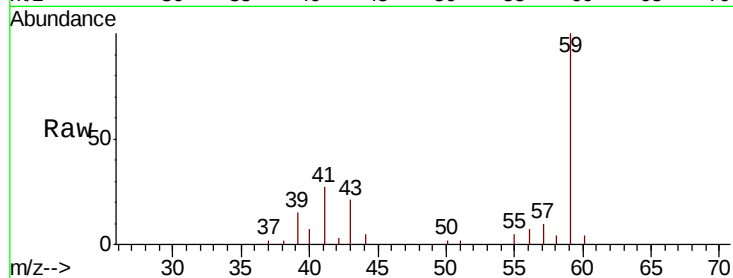




#11
Tert butyl alcohol
Concen: 106.288 ug/l
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

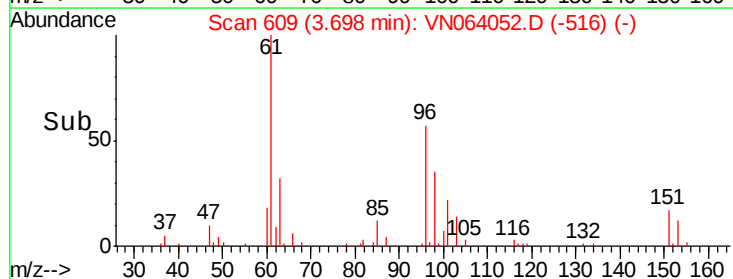
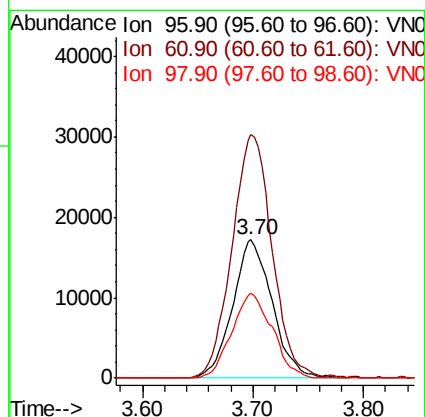
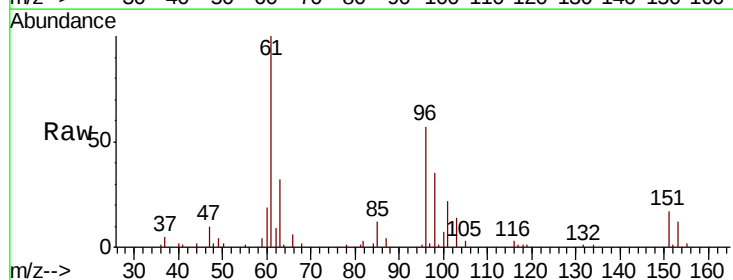
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

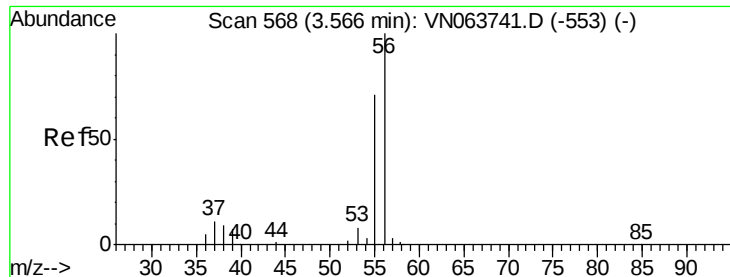
Tot Ion: 59 Resp: 44380
Ion Ratio Lower Upper
59 100
57 4.9 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 18.509 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion: 96 Resp: 42668
Ion Ratio Lower Upper
96 100
61 176.3 147.7 221.5
98 61.3 51.9 77.9





#13

Acrolein

Concen: 128.937 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

ClientSampleId :

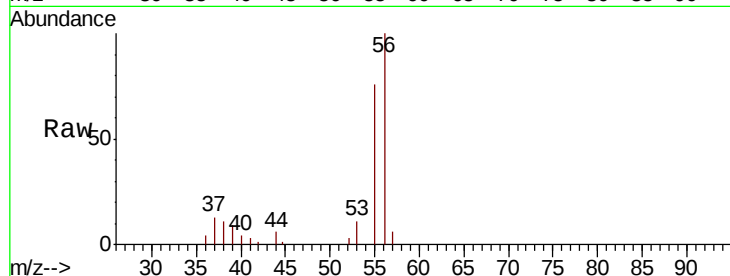
VN1009WBS02

Tot Ion: 56 Resp: 33042

Ion Ratio Lower Upper

56 100

55 72.0 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VN063741.D (-553) (-)

Ion 55.00 (54.70 to 55.70): VN063741.D (-553) (-)

3.57

15000

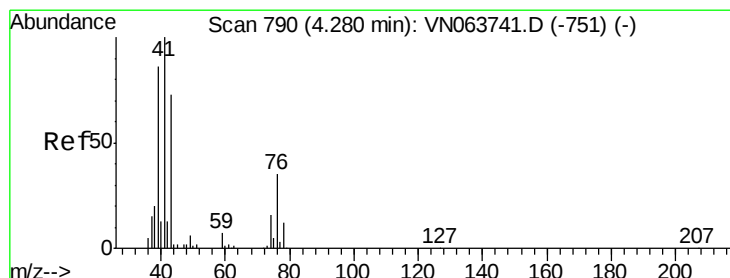
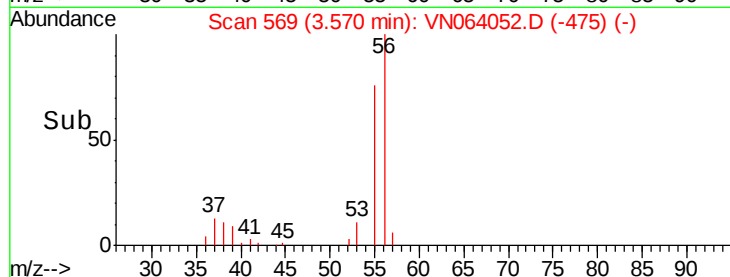
10000

5000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 20.181 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

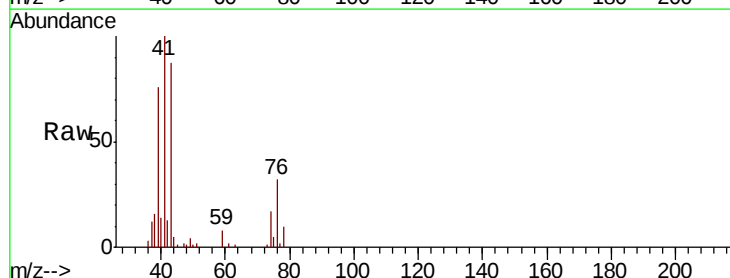
Tgt Ion: 41 Resp: 86429

Ion Ratio Lower Upper

41 100

39 70.2 64.5 96.7

76 28.2 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VN063741.D (-751) (-)

Ion 39.00 (38.70 to 39.70): VN063741.D (-751) (-)

Ion 75.90 (75.60 to 76.60): VN063741.D (-751) (-)

4.28

30000

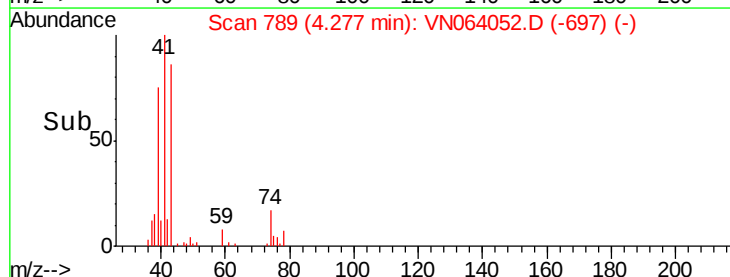
20000

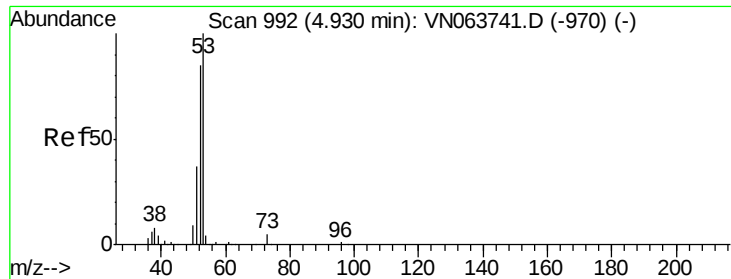
10000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 109.623 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS02

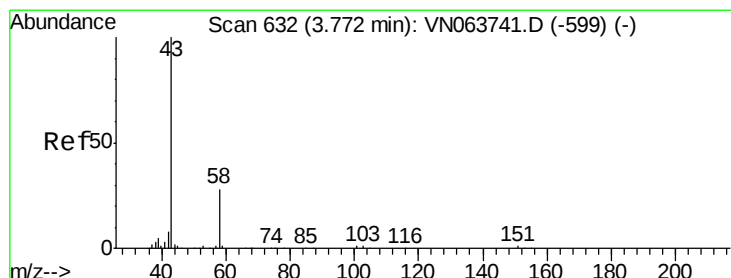
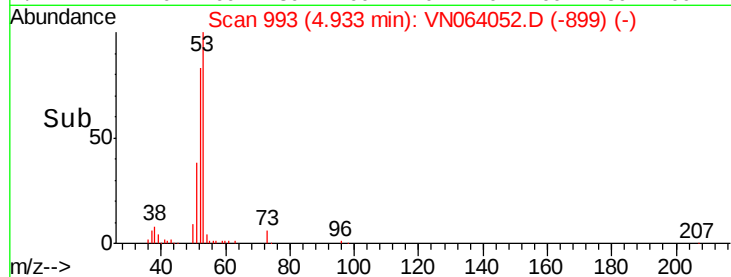
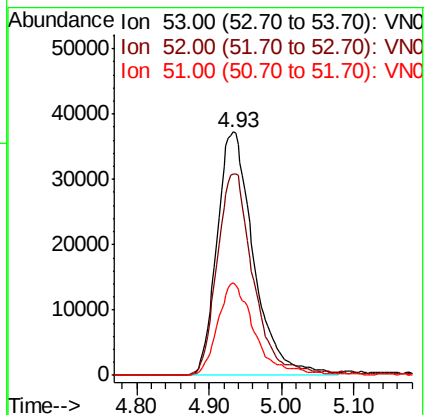
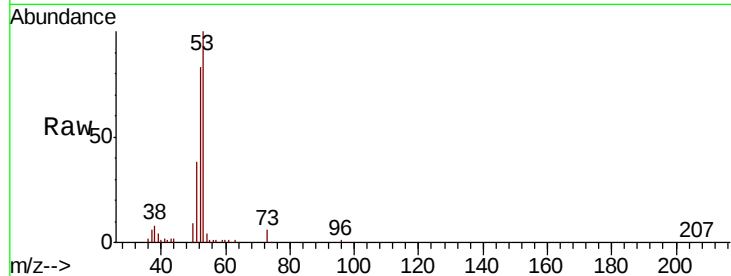
Tot Ion: 53 Resp: 131021

Ion Ratio Lower Upper

53 100

52 81.3 66.5 99.7

51 36.6 29.9 44.9



#16

Acetone

Concen: 103.983 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064052.D

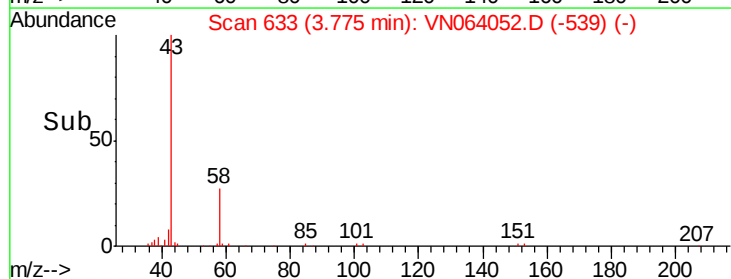
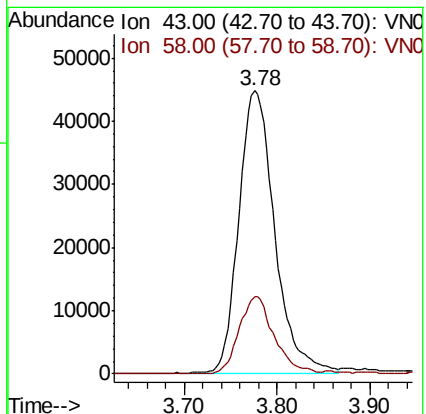
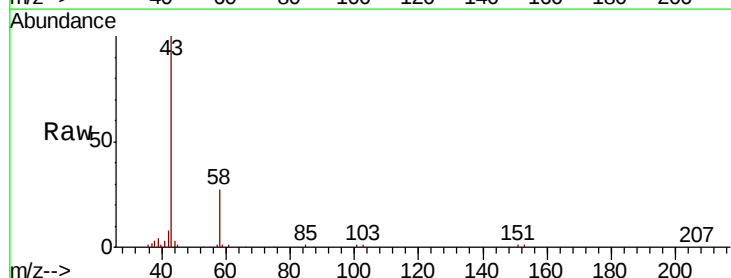
Acq: 9 Oct 2020 22:25

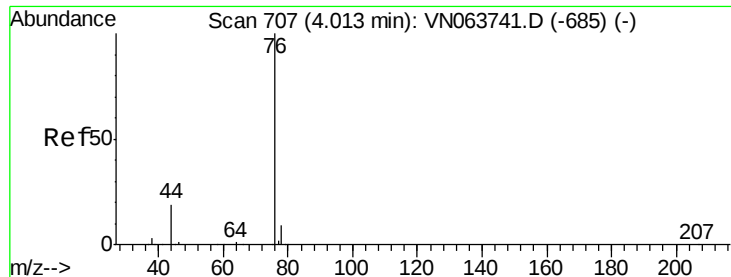
Tgt Ion: 43 Resp: 121059

Ion Ratio Lower Upper

43 100

58 27.1 22.3 33.5





#17

Carbon Disulfide

Concen: 18.200 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

ClientSampleId :

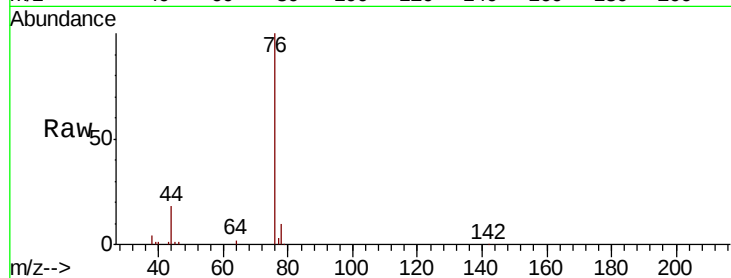
VN1009WBS02

Tot Ion: 76 Resp: 110581

Ion Ratio Lower Upper

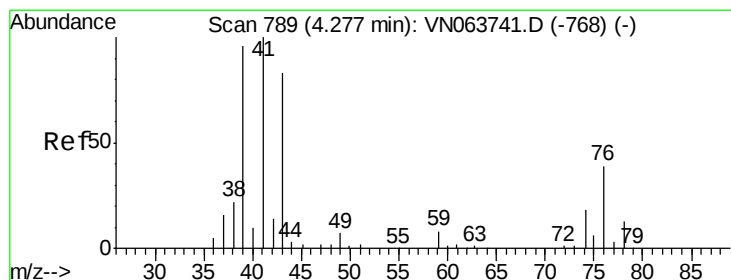
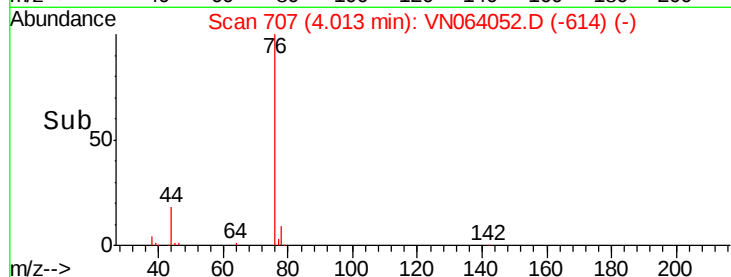
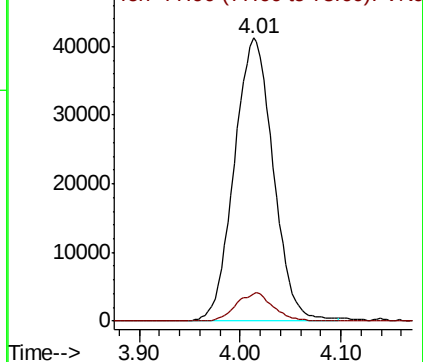
76 100

78 9.6 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 23.368 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064052.D

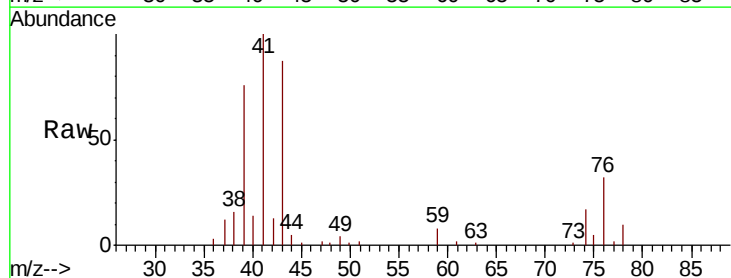
Acq: 9 Oct 2020 22:25

Tgt Ion: 43 Resp: 70636

Ion Ratio Lower Upper

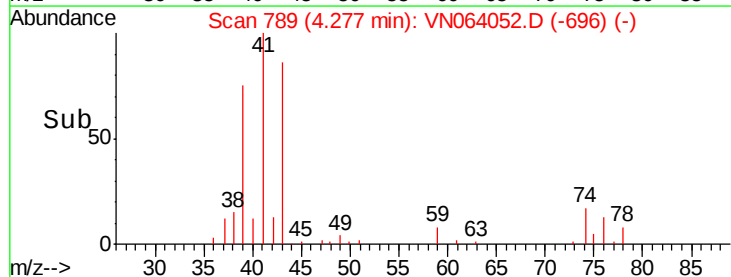
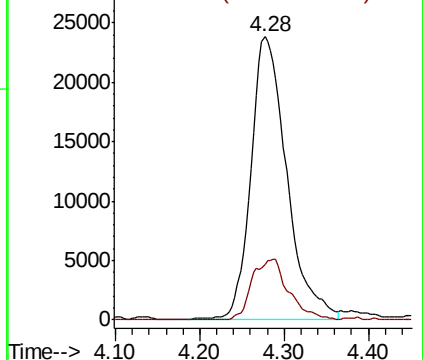
43 100

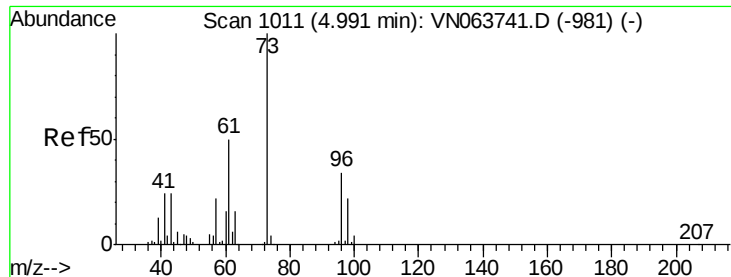
74 21.9 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

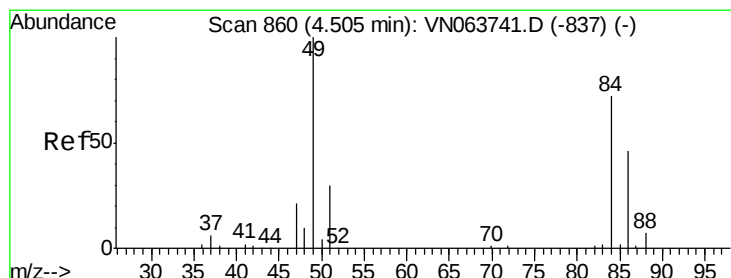
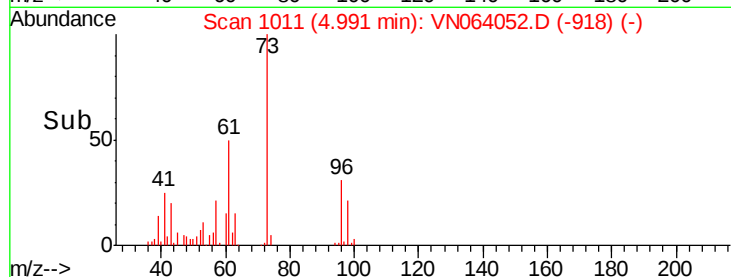
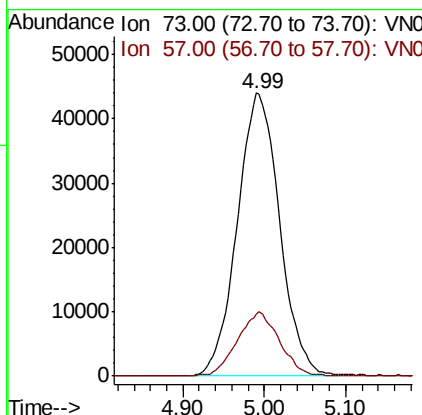
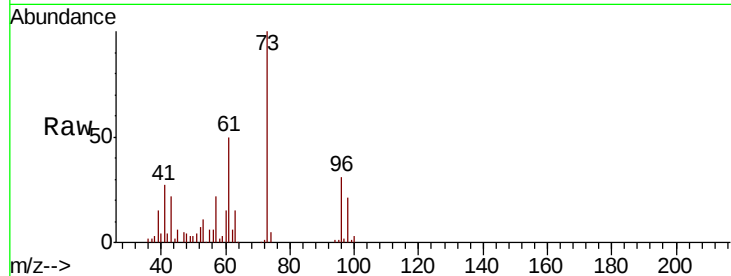




#19
Methvl tert-butvl Ether
Concen: 18.890 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

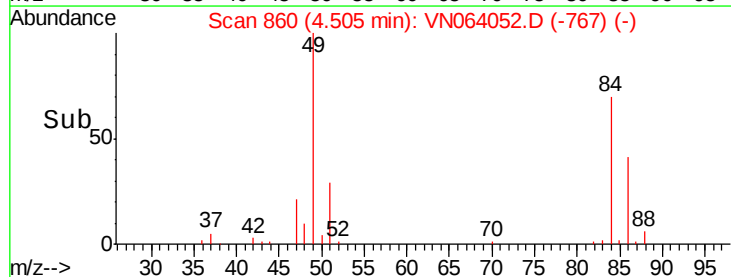
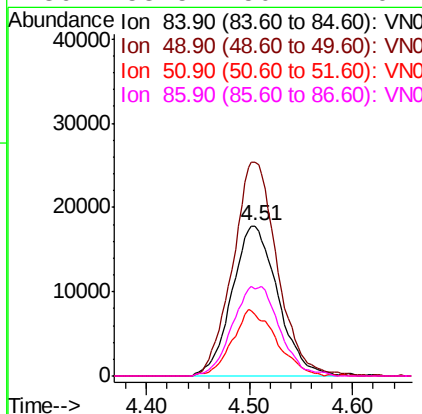
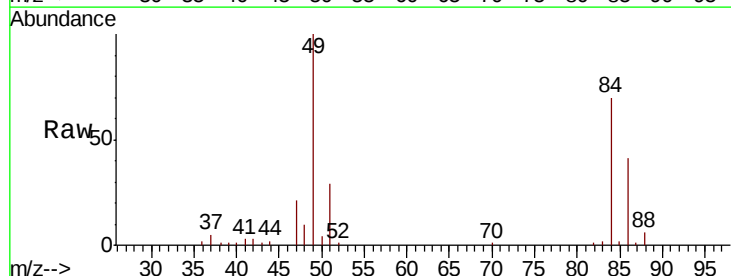
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

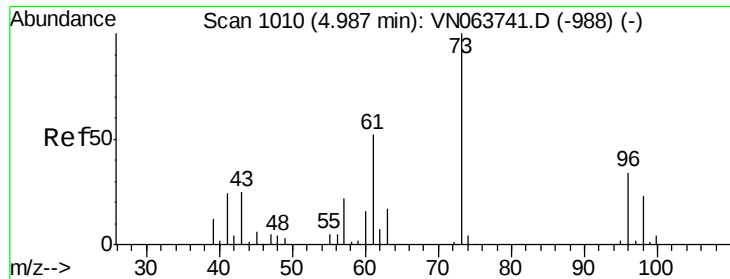
Tot Ion: 73 Resp: 158209
Ion Ratio Lower Upper
73 100
57 21.9 17.6 26.4



#20
Methylene Chloride
Concen: 20.715 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion: 84 Resp: 55085
Ion Ratio Lower Upper
84 100
49 142.4 110.4 165.6
51 40.6 33.3 49.9
86 58.5 50.7 76.1

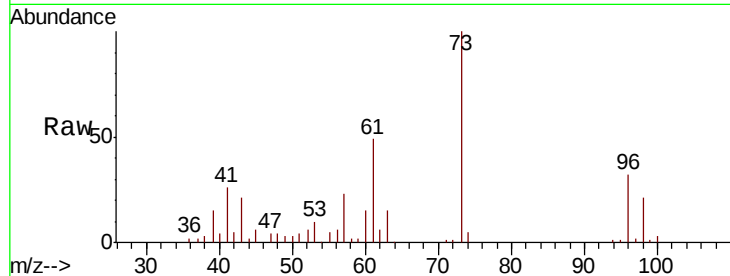




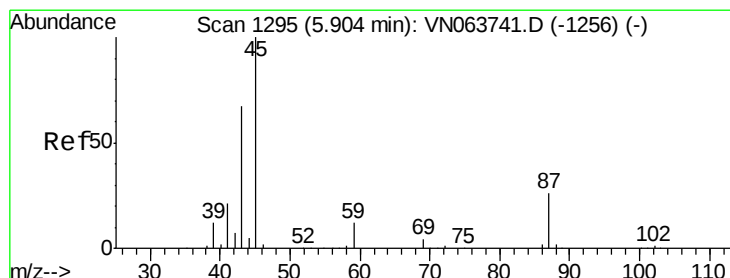
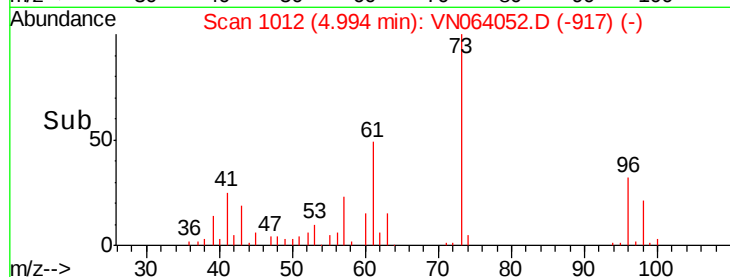
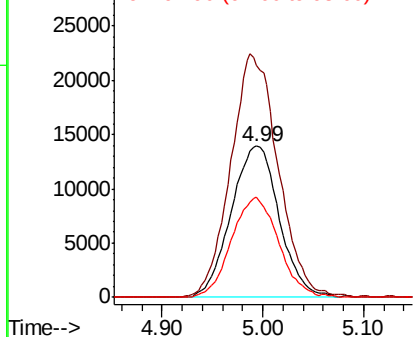
#21
trans-1,2-Dichloroethene
Concen: 17.883 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Instrument :
MSVOA_N
ClientSampled :
VN1009WBS02

Tot Ion: 96 Resp: 46175
Ion Ratio Lower Upper
96 100
61 151.7 120.2 180.2
98 66.0 52.6 79.0

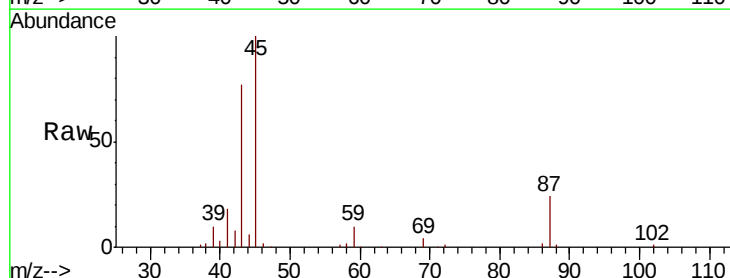


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

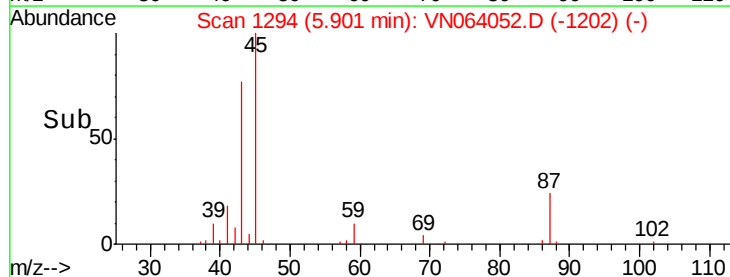
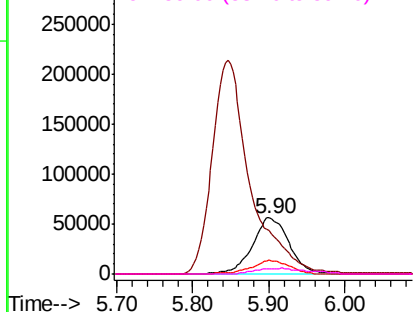


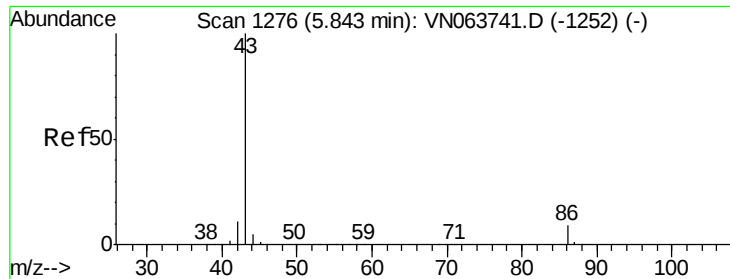
#22
Diisopropyl ether
Concen: 21.458 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion: 45 Resp: 189070
Ion Ratio Lower Upper
45 100
43 73.0 53.7 80.5
87 24.0 21.1 31.7
59 9.7 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

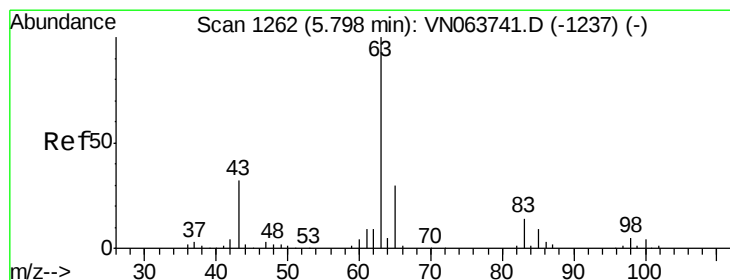
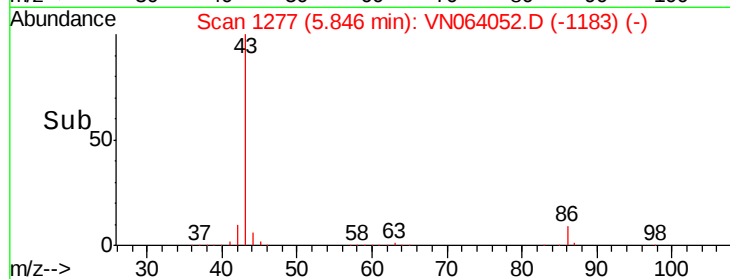
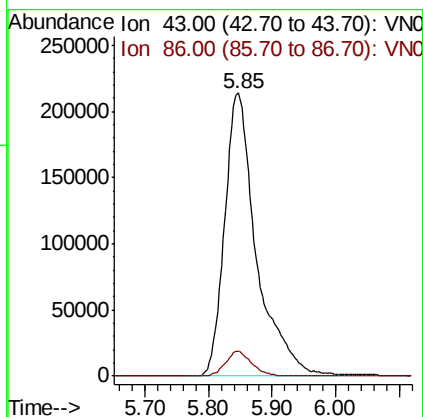
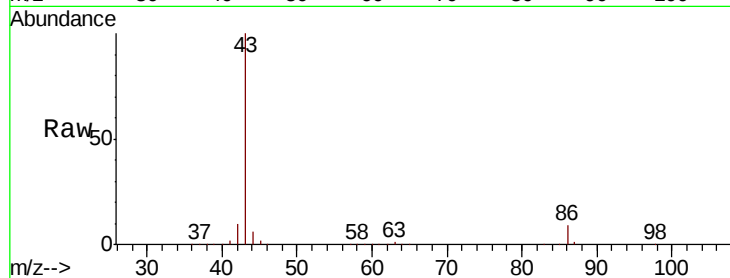




#23
 Vinyl Acetate
 Concen: 101.950 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

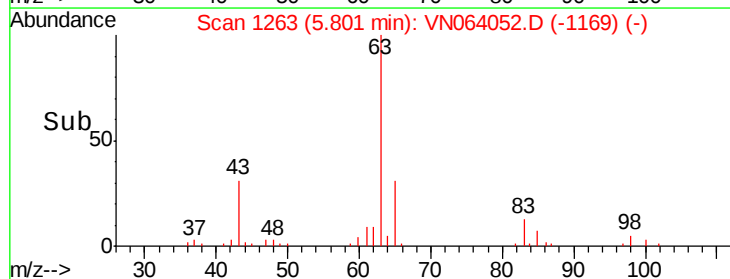
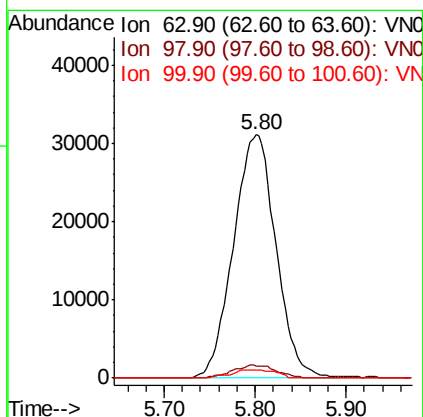
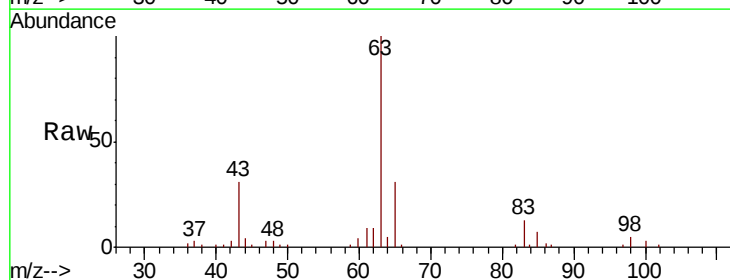
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS02

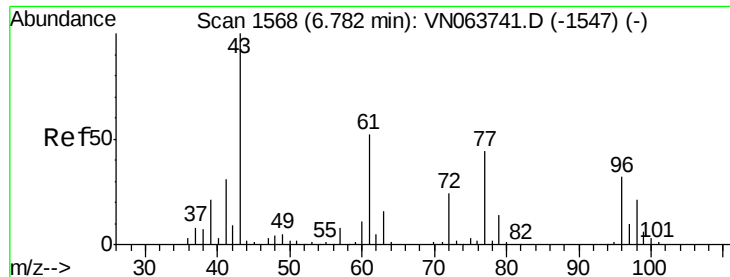
Tot Ion: 43 Resp: 744128
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 20.044 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Tgt Ion: 63 Resp: 100981
 Ion Ratio Lower Upper
 63 100
 98 5.1 2.7 8.1
 100 3.2 1.9 5.7

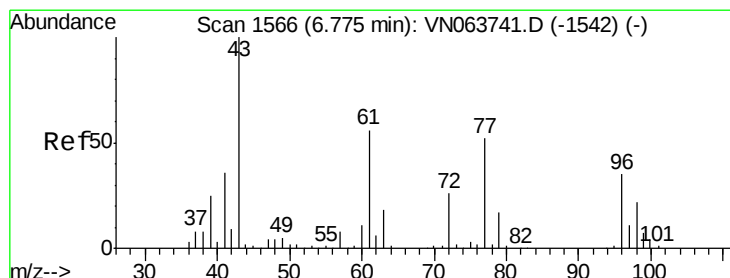
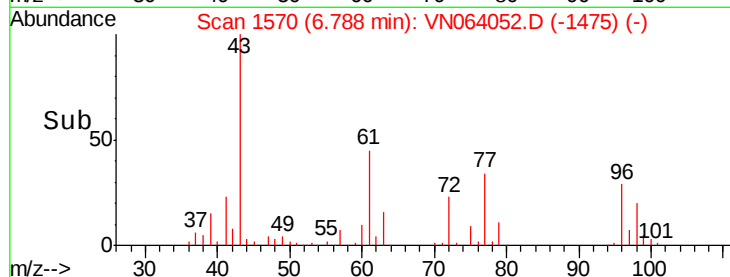
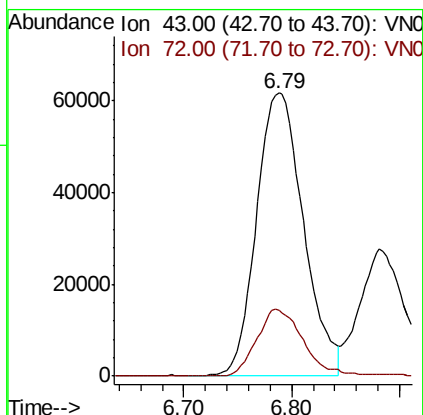
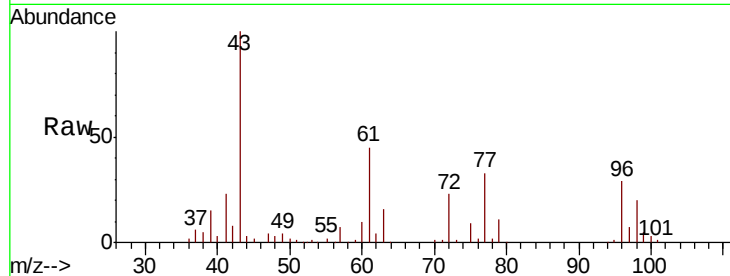




#25
2-Butanone
Concen: 112.964 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. 0.01 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

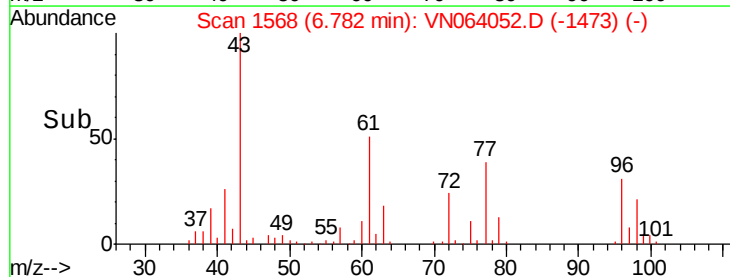
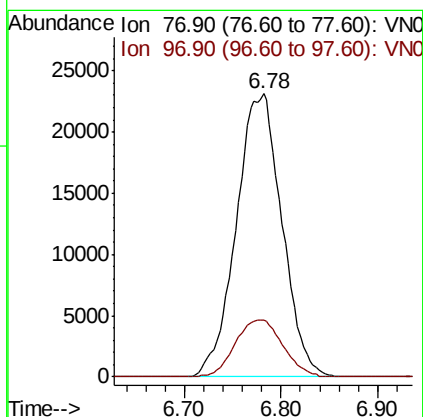
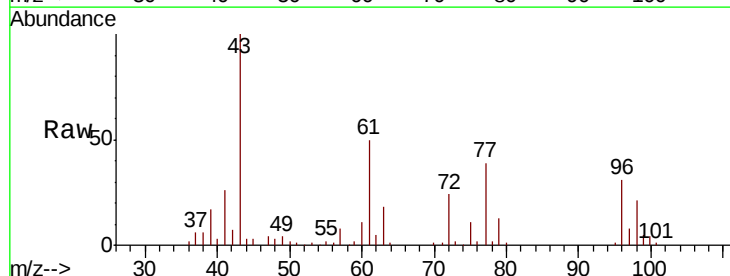
Instrument :
MSVOA_N
ClientSampled :
VN1009WBS02

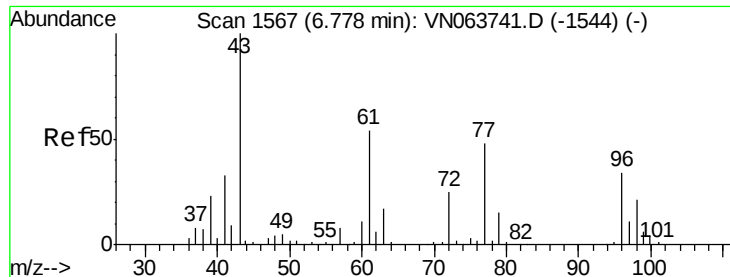
Tot Ion: 43 Resp: 186455
Ion Ratio Lower Upper
43 100
72 23.0 19.3 28.9



#26
2,2-Dichloropropane
Concen: 16.427 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion: 77 Resp: 75789
Ion Ratio Lower Upper
77 100
97 21.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.455 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS02

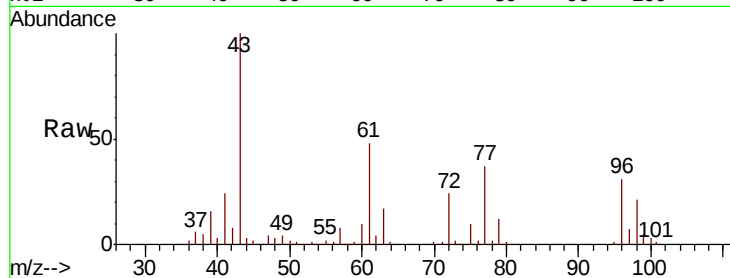
Tot Ion: 96 Resp: 54805

Ion Ratio Lower Upper

96 100

61 163.7 0.0 321.2

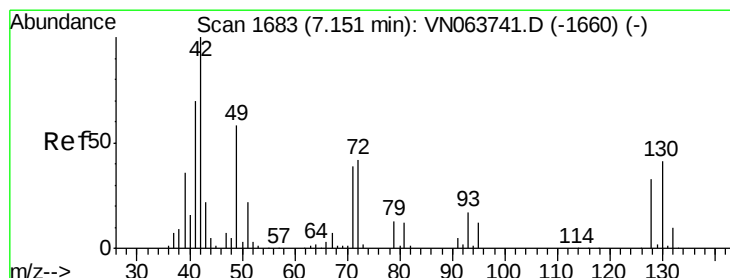
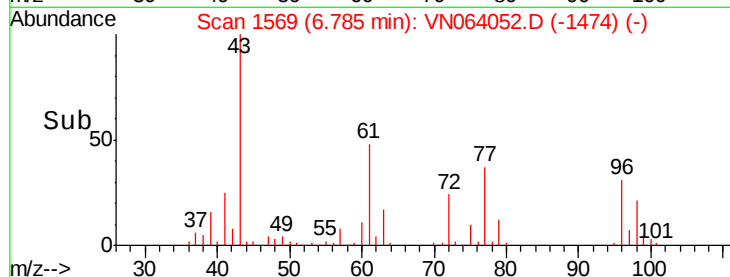
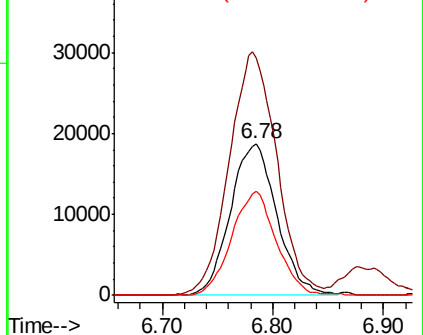
98 65.6 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN063741.D (-1544) (-)

Ion 60.90 (60.60 to 61.60): VN063741.D (-1544) (-)

Ion 97.90 (97.60 to 98.60): VN063741.D (-1544) (-)



#28

Bromochloromethane

Concen: 20.608 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

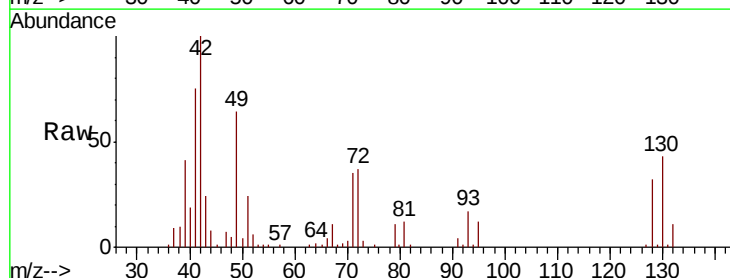
Tgt Ion: 49 Resp: 51314

Ion Ratio Lower Upper

49 100

129 0.8 0.0 4.8

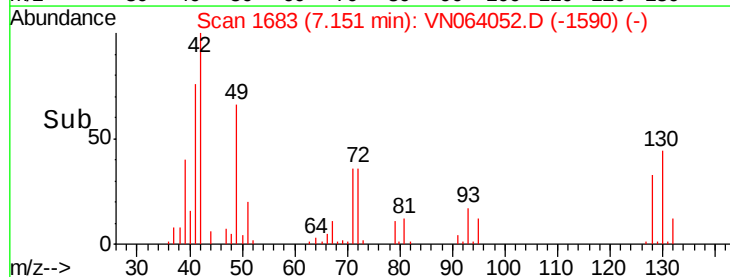
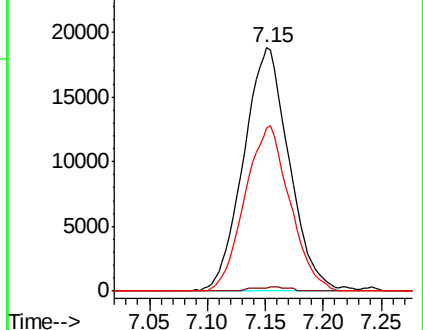
130 67.0 55.6 83.4

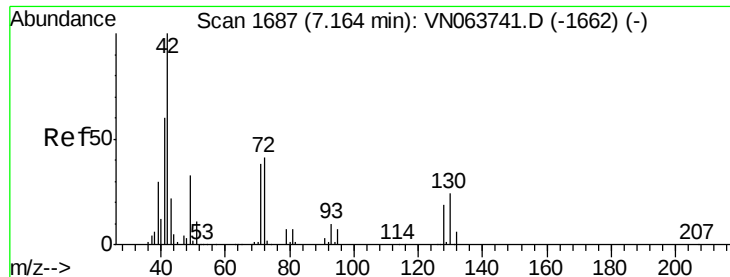


Abundance Ion 48.90 (48.60 to 49.60): VN063741.D (-1660) (-)

Ion 128.80 (128.50 to 129.50): VN063741.D (-1660) (-)

Ion 129.80 (129.50 to 130.50): VN063741.D (-1660) (-)





#29

Tetrahydrofuran

Concen: 112.220 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

ClientSampled :

VN1009WBS02

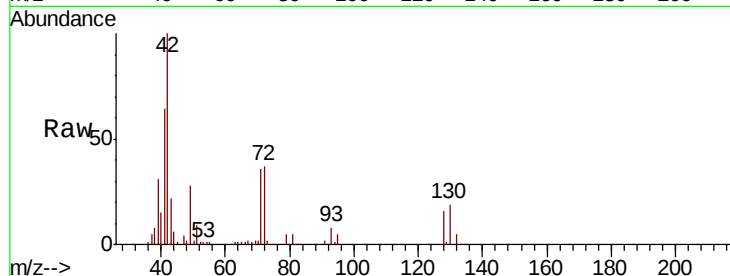
Tot Ion: 42 Resp: 124231

Ion Ratio Lower Upper

42 100

72 37.4 32.8 49.2

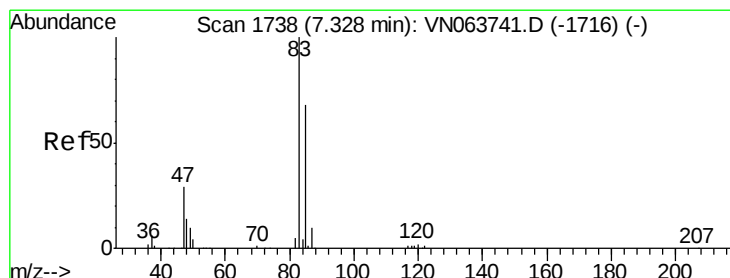
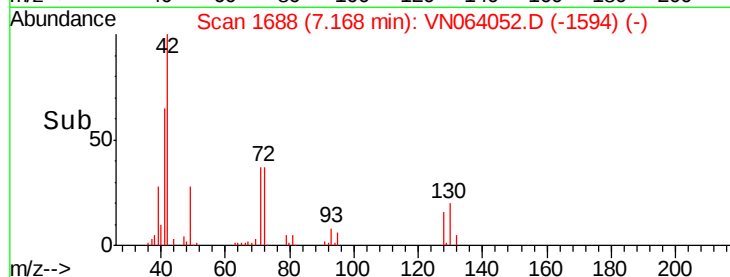
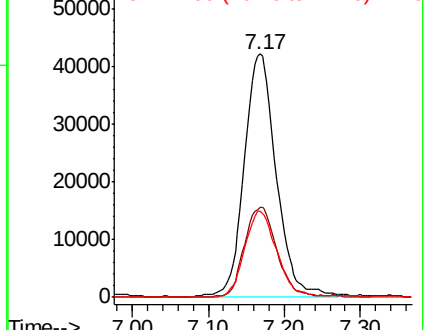
71 35.4 30.6 45.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 19.909 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN064052.D

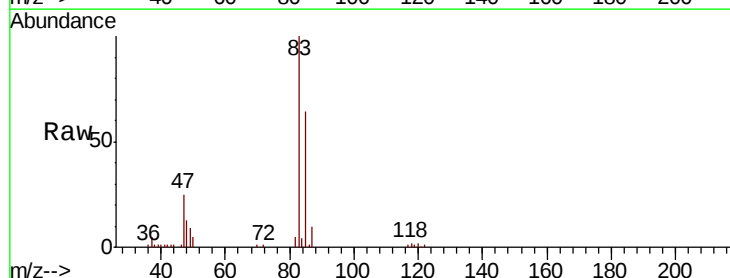
Acq: 9 Oct 2020 22:25

Tgt Ion: 83 Resp: 104584

Ion Ratio Lower Upper

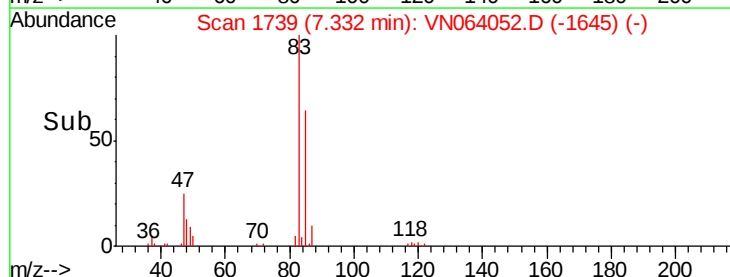
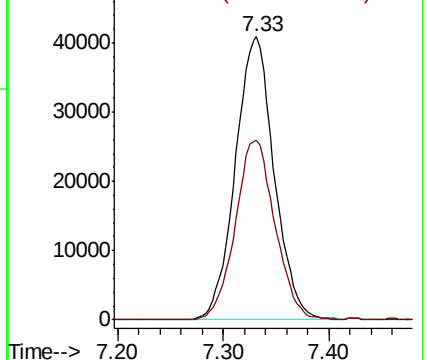
83 100

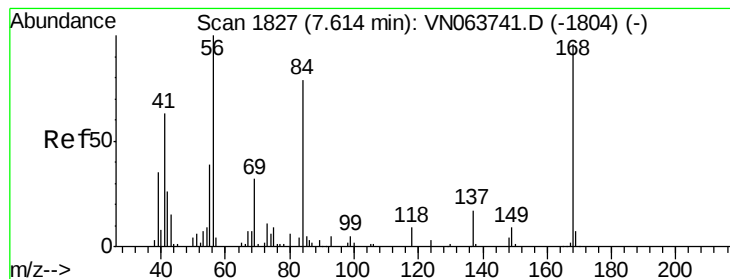
85 63.6 54.6 82.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.002 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :
MSVOA_N
ClientSampled :
VN1009WBS02

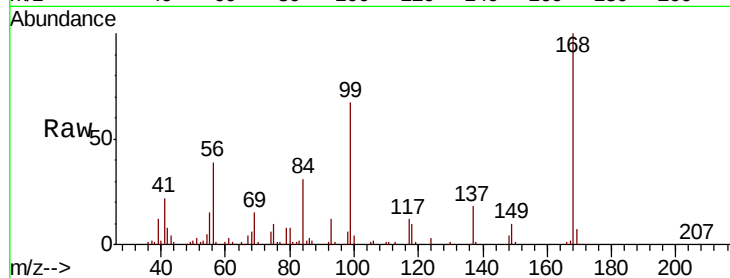
Tot Ion: 56 Resp: 79039

Ion Ratio Lower Upper

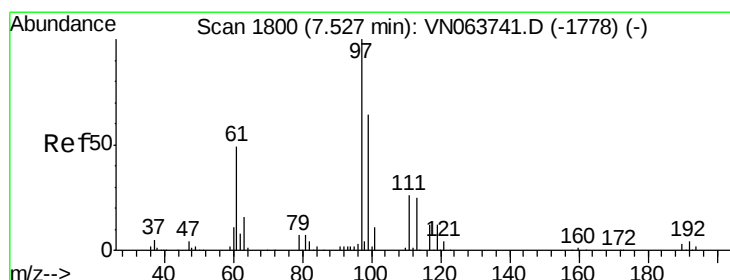
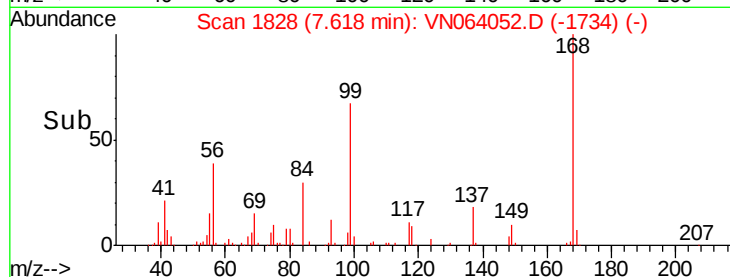
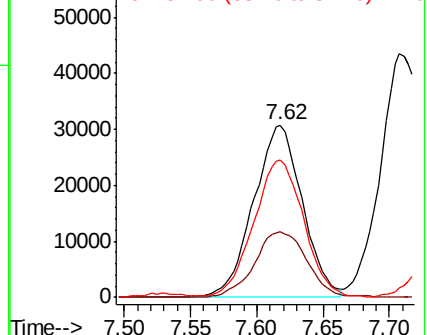
56 100

69 37.8 25.4 38.2

84 78.8 63.3 94.9



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



#32

1,1,1-Trichloroethane

Concen: 19.316 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

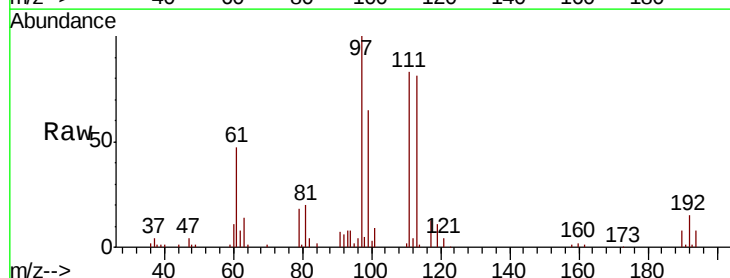
Tgt Ion: 97 Resp: 91524

Ion Ratio Lower Upper

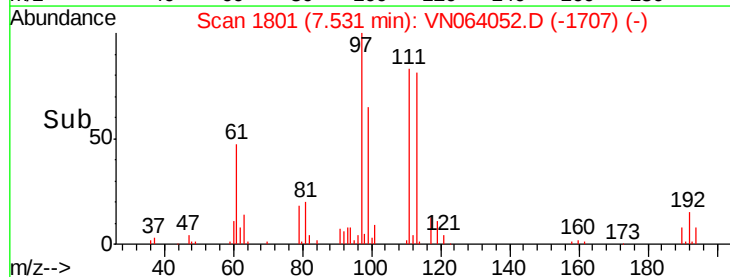
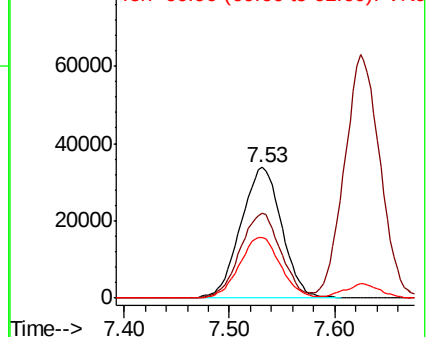
97 100

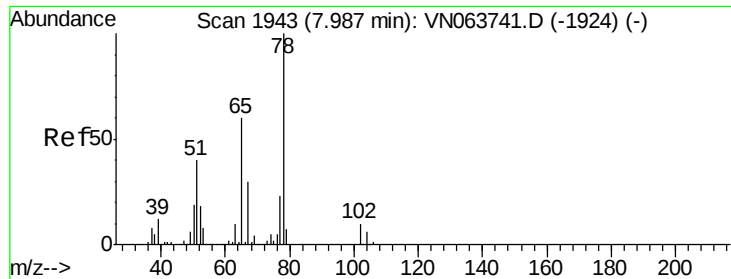
99 64.8 51.0 76.6

61 46.3 38.7 58.1



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 51.933 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

ClientSampleId :

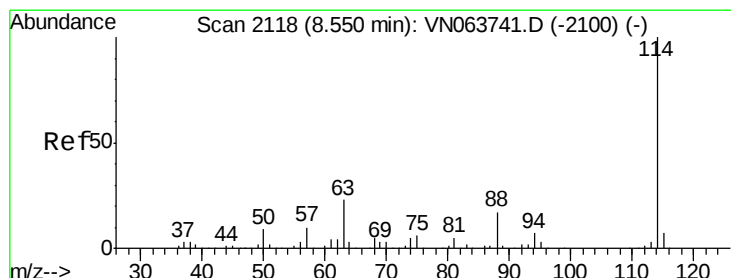
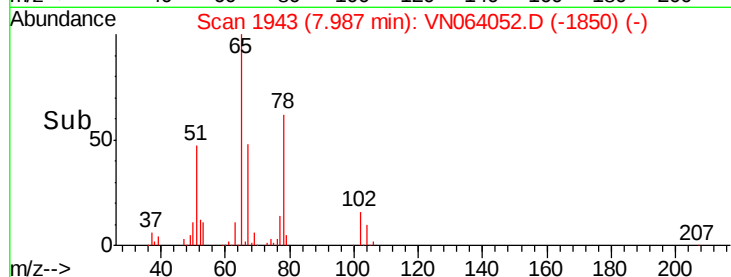
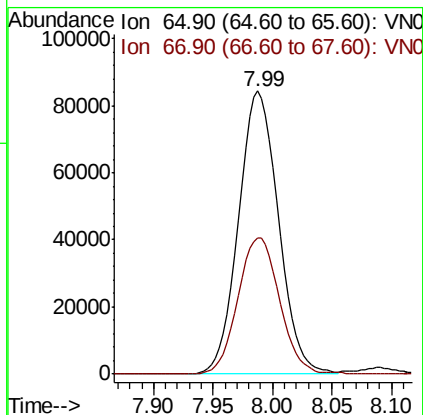
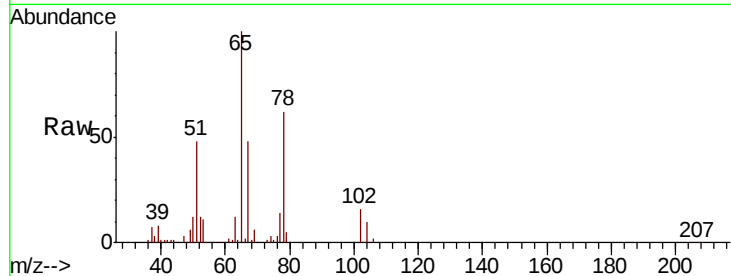
VN1009WBS02

Tot Ion: 65 Resp: 196411

Ion Ratio Lower Upper

65 100

67 50.3 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: VN064052.D

Acq: 9 Oct 2020 22:25

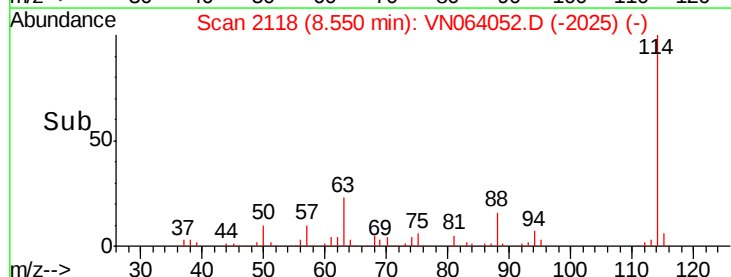
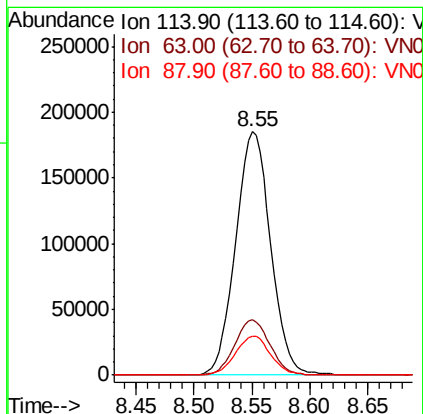
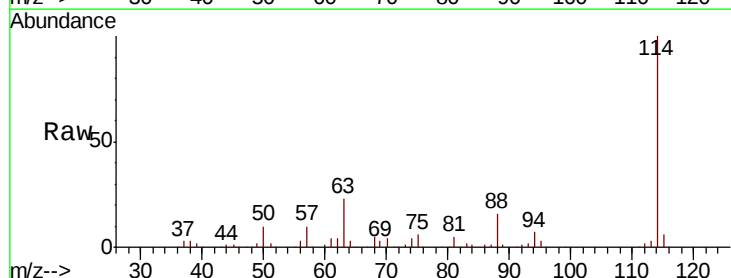
Tgt Ion: 114 Resp: 388162

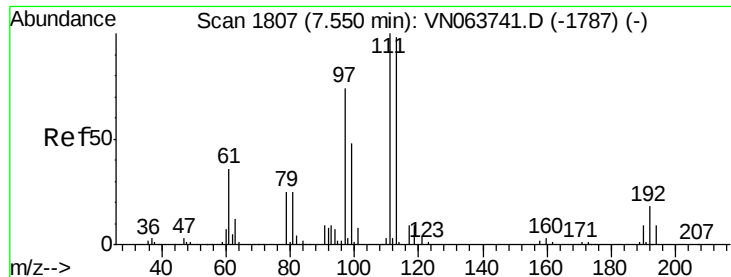
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.0

88 15.9 0.0 34.0

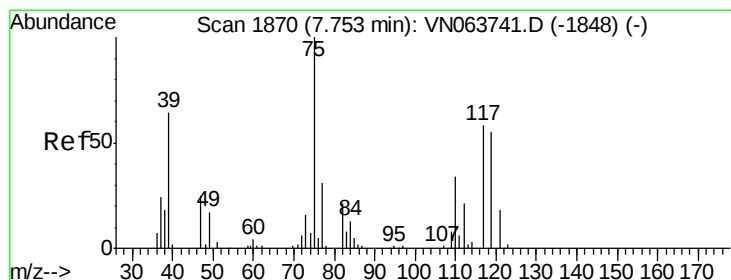
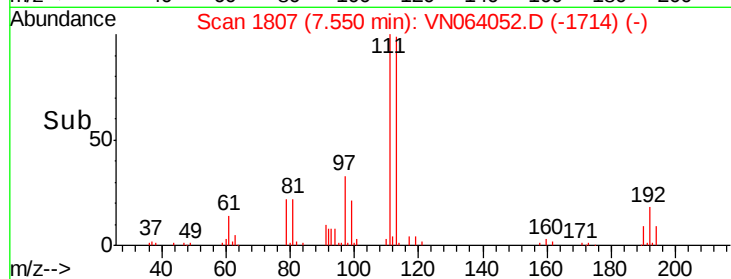
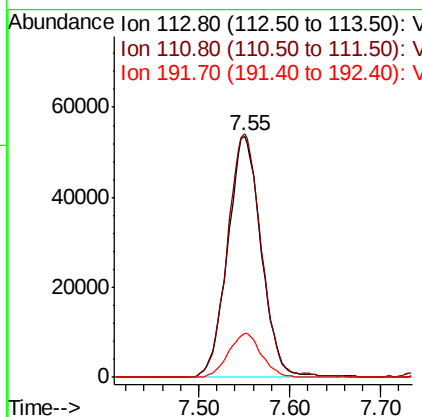
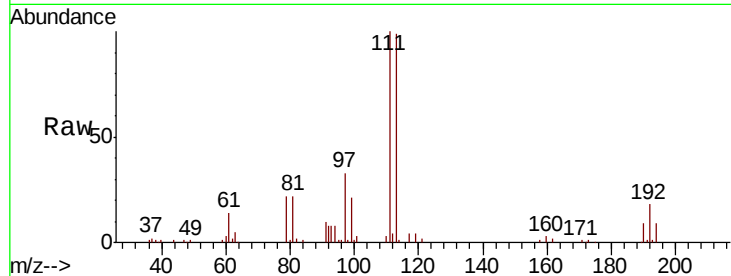




#35
 Dibromofluoromethane
 Concen: 50.823 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

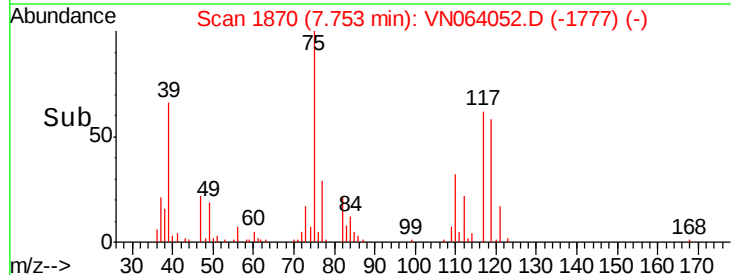
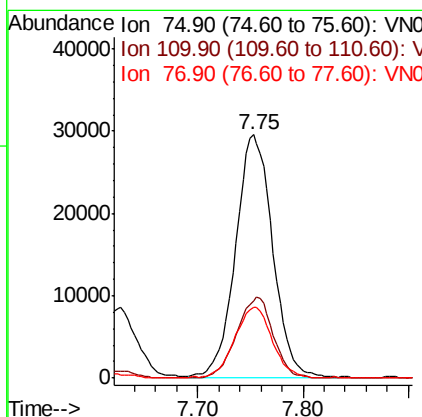
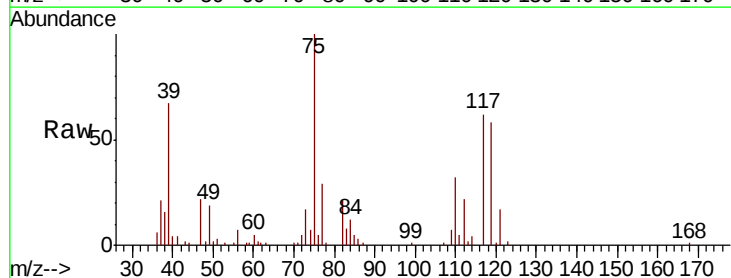
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS02

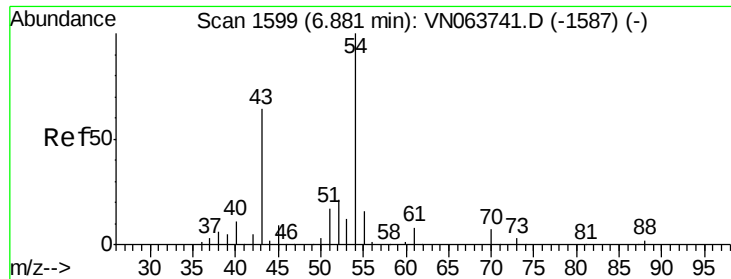
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.8	122.8
192	17.8	14.2	21.2



#36
 1,1-Dichloropropene
 Concen: 18.451 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.4	16.9	50.6
77	29.4	24.5	36.7

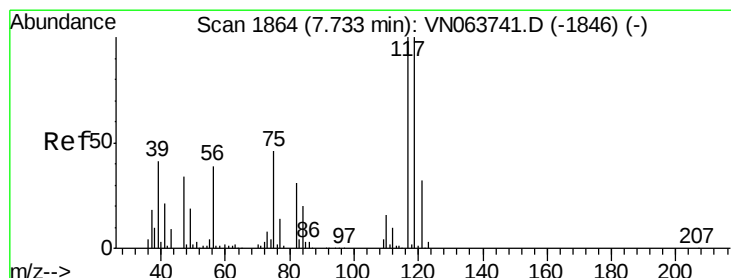
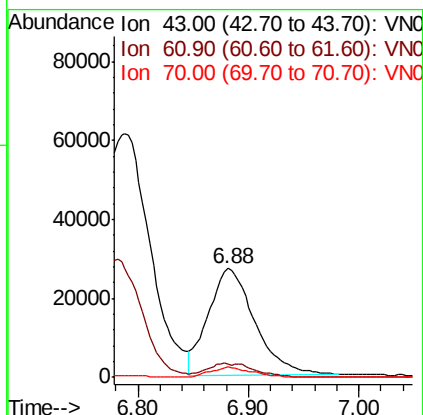
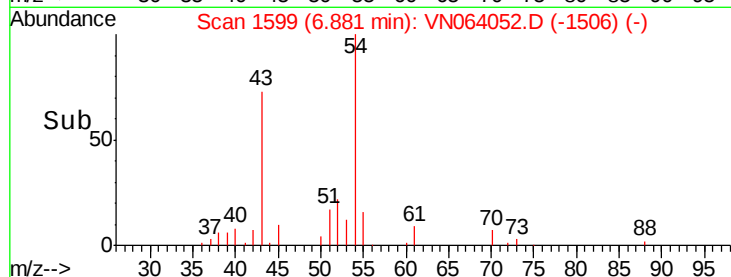
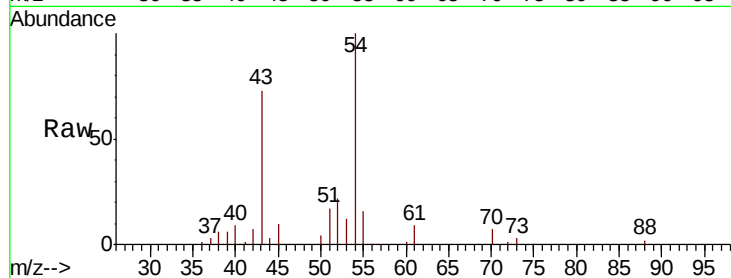




#37
Ethyl Acetate
Concen: 20.335 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

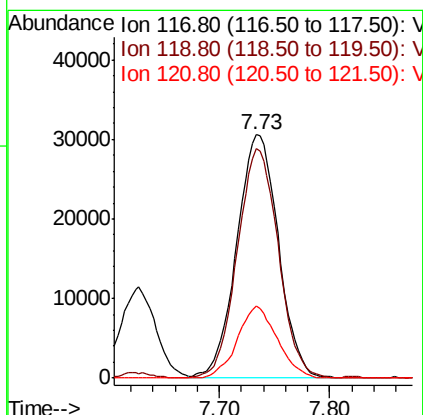
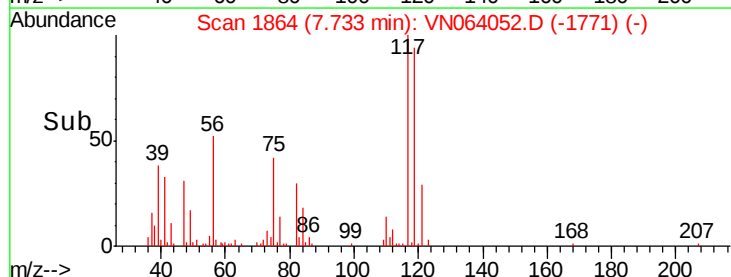
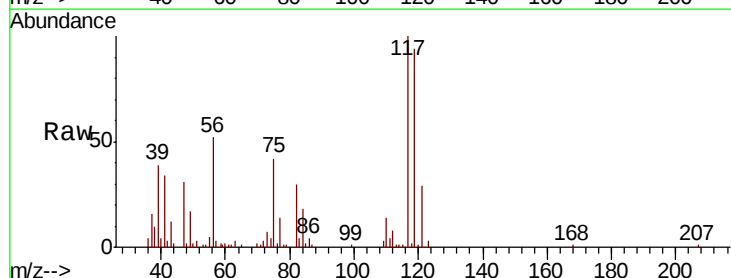
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

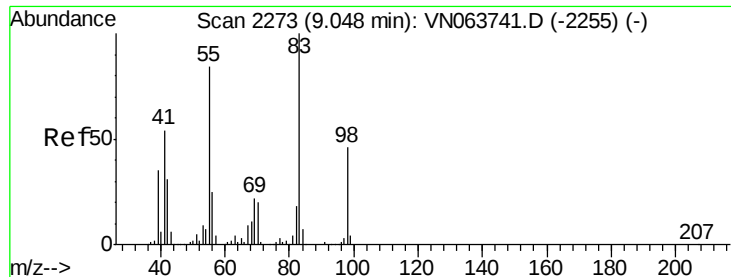
Tot Ion: 43 Resp: 79446
Ion Ratio Lower Upper
43 100
61 12.5 10.4 15.6
70 8.5 7.3 10.9



#38
Carbon Tetrachloride
Concen: 18.180 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion: 117 Resp: 80169
Ion Ratio Lower Upper
117 100
119 94.0 80.1 120.1
121 29.4 25.7 38.5

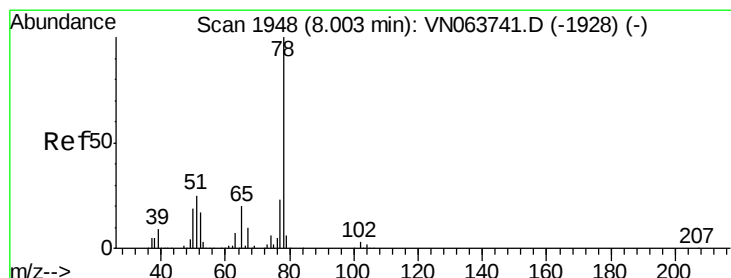
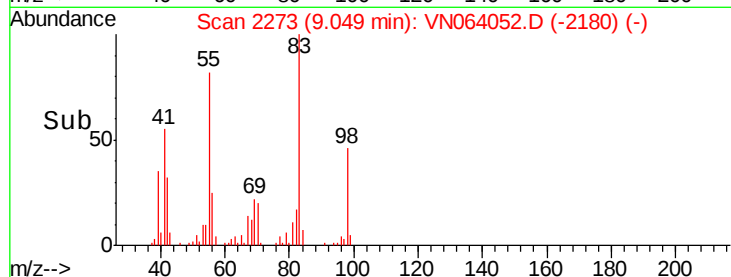
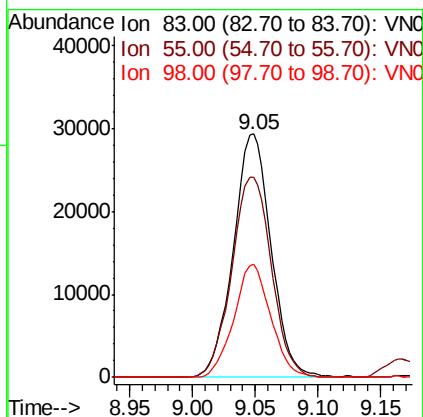
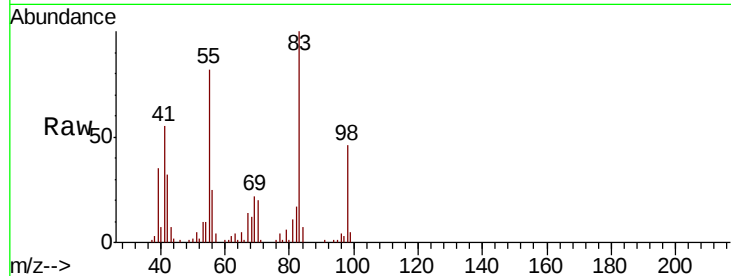




#39
Methvlcvclohexane
Concen: 15.671 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

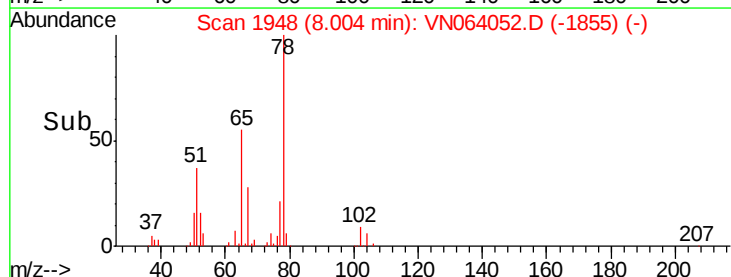
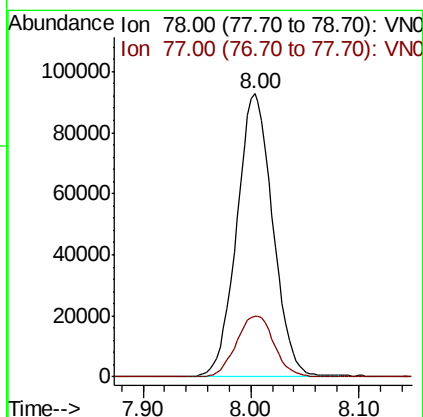
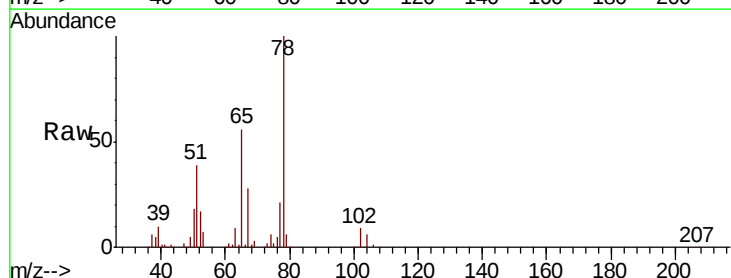
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

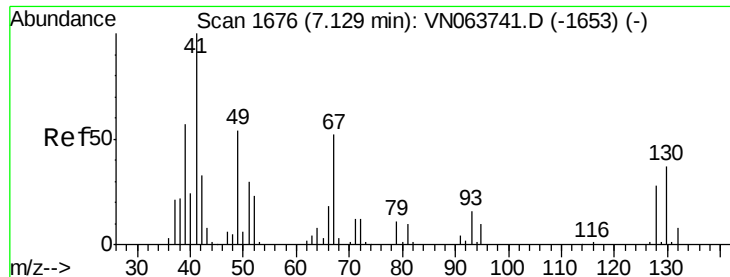
Tot Ion: 83 Resp: 61456
Ion Ratio Lower Upper
83 100
55 82.2 67.1 100.7
98 46.5 36.6 54.8



#40
Benzene
Concen: 19.194 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion: 78 Resp: 215584
Ion Ratio Lower Upper
78 100
77 21.4 18.7 28.1

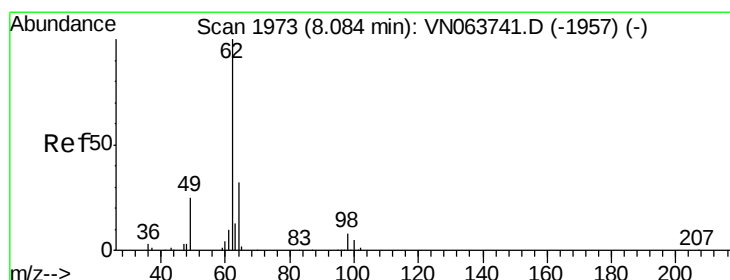
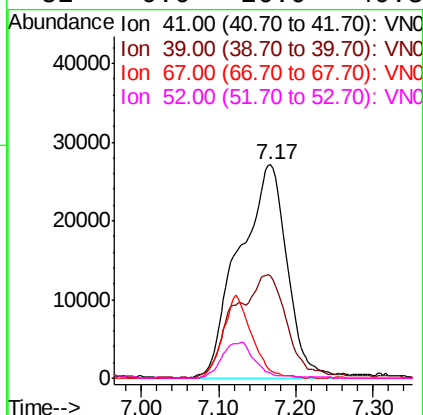
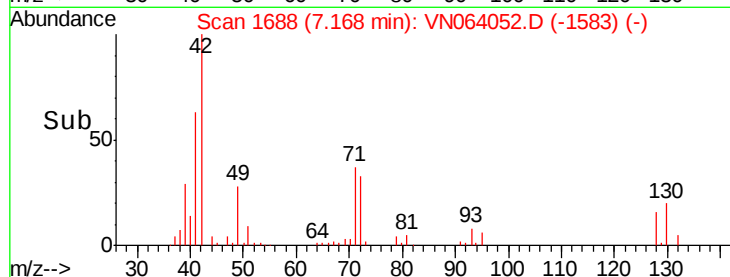
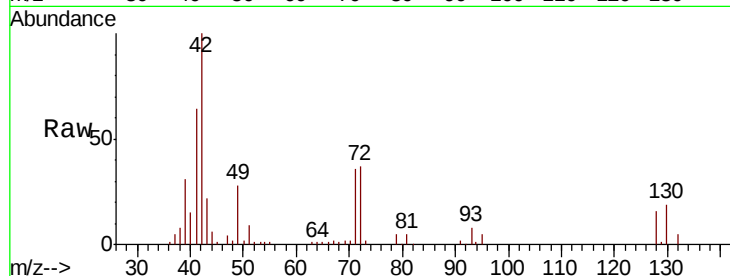




#41
Methacrylonitrile
Concen: 67.581 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.04 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

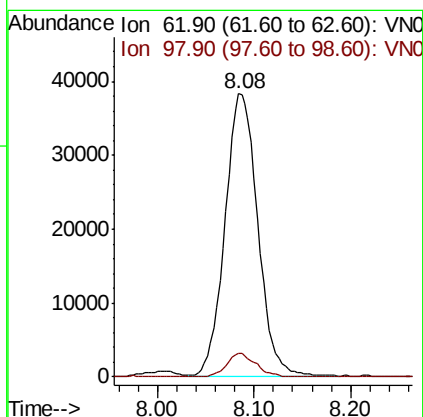
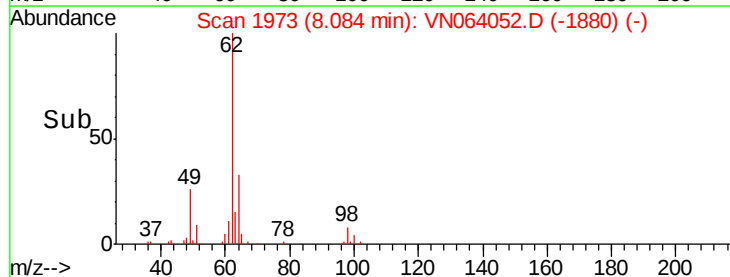
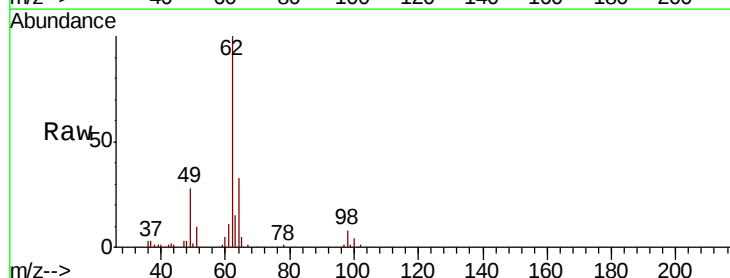
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

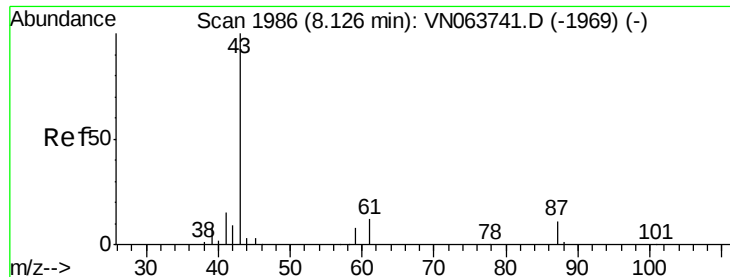
Tot Ion: 41 Resp: 117349
Ion Ratio Lower Upper
41 100
39 0.0 42.5 63.7#
67 0.0 57.4 86.2#
52 0.0 26.9 40.3#



#42
1,2-Dichloroethane
Concen: 18.900 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion: 62 Resp: 90616
Ion Ratio Lower Upper
62 100
98 7.3 0.0 15.0





#43

Isopropyl Acetate

Concen: 20.123 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS02

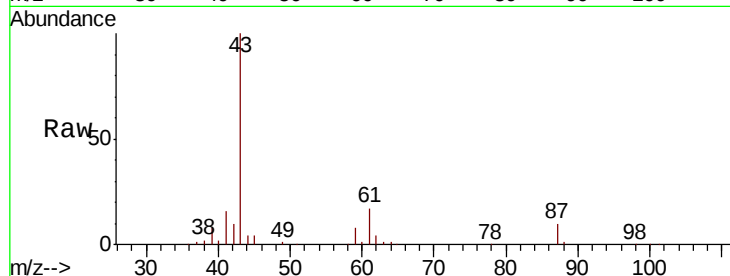
Tot Ion: 43 Resp: 129679

Ion Ratio Lower Upper

43 100

61 17.8 14.2 21.4

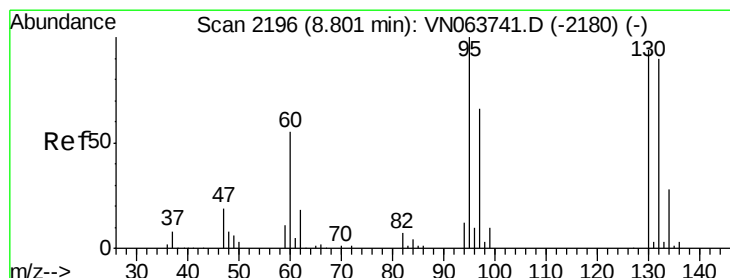
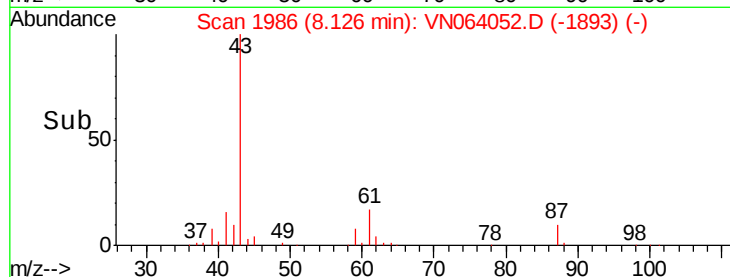
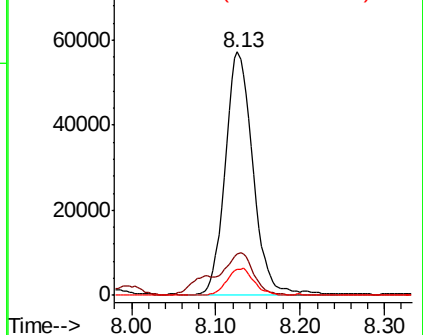
87 11.0 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063741.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063741.D (-1969) (-)



#44

Trichloroethene

Concen: 17.739 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064052.D

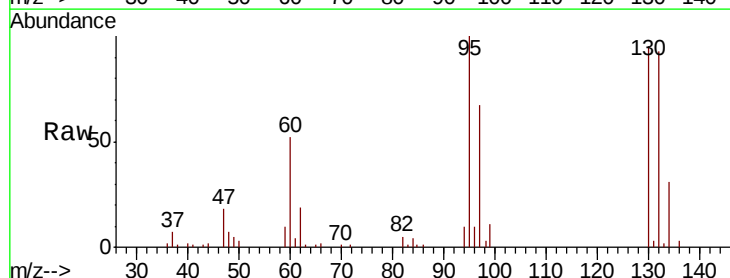
Acq: 9 Oct 2020 22:25

Tgt Ion:130 Resp: 52206

Ion Ratio Lower Upper

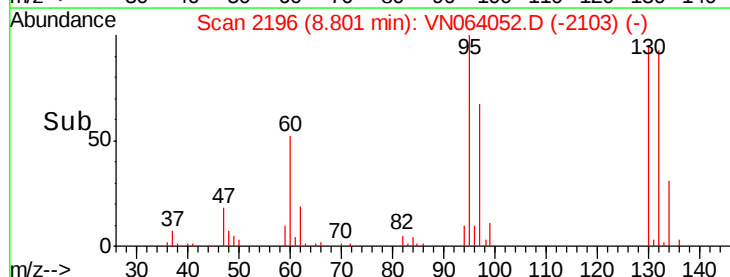
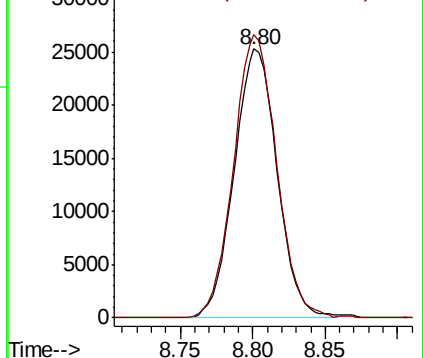
130 100

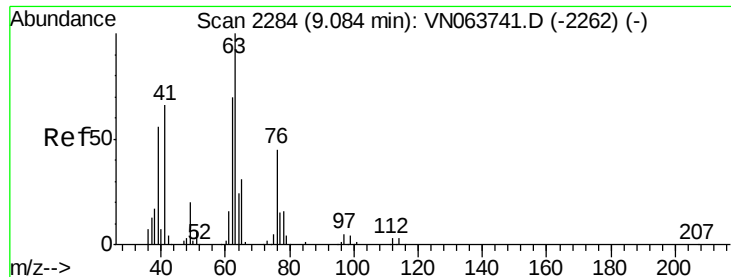
95 105.3 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): VN063741.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN063741.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 19.706 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

ClientSampleId :

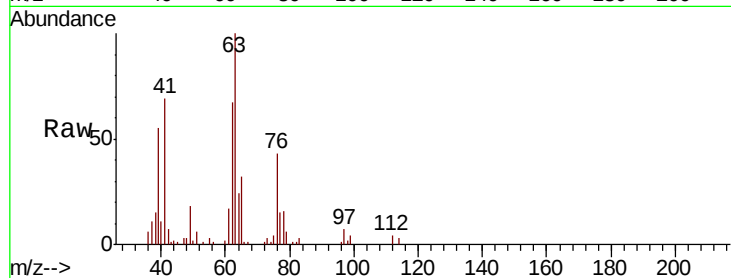
VN1009WBS02

Tot Ion: 63 Resp: 59777

Ion Ratio Lower Upper

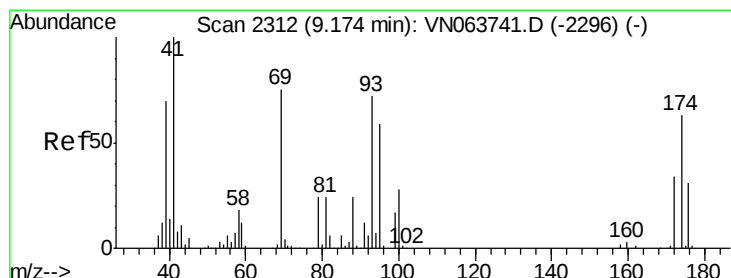
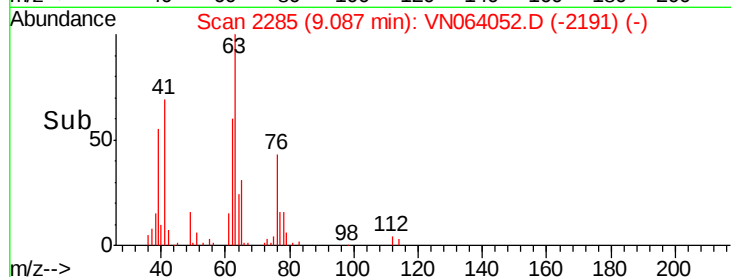
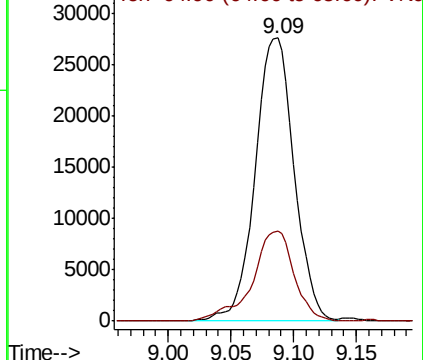
63 100

65 31.8 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: 19.373 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

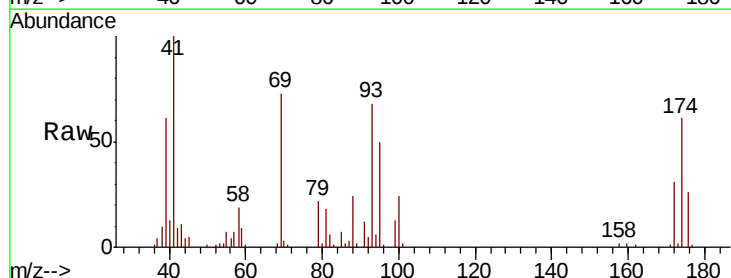
Tgt Ion: 93 Resp: 40540

Ion Ratio Lower Upper

93 100

95 77.8 66.3 99.5

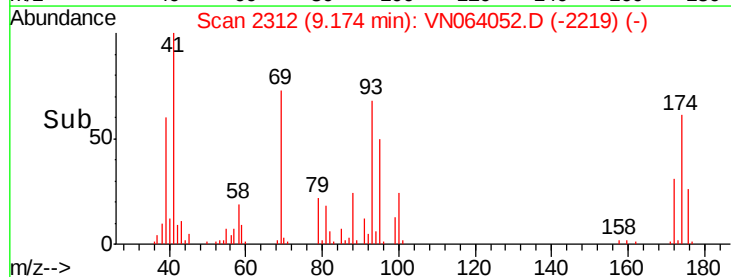
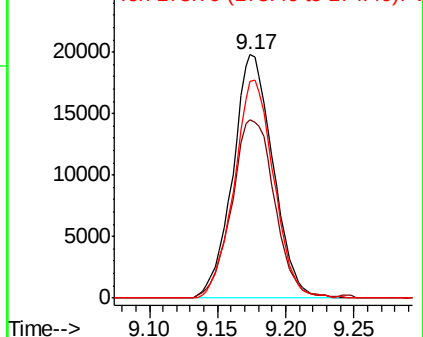
174 88.1 72.7 109.1

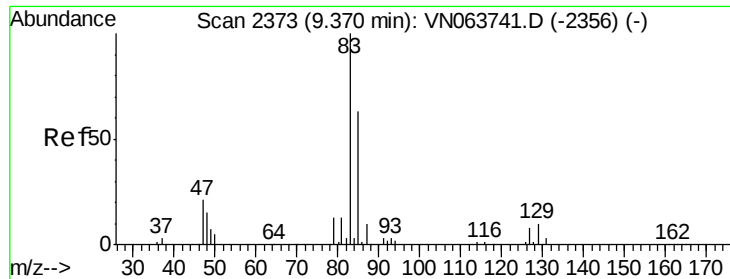


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

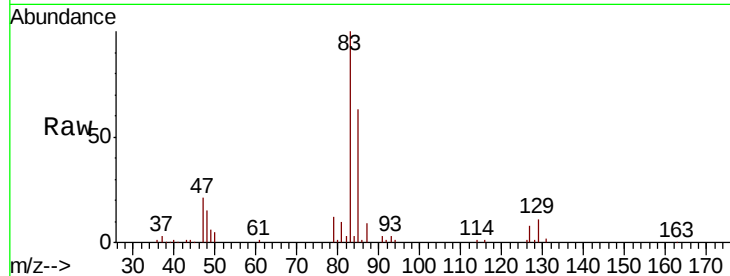




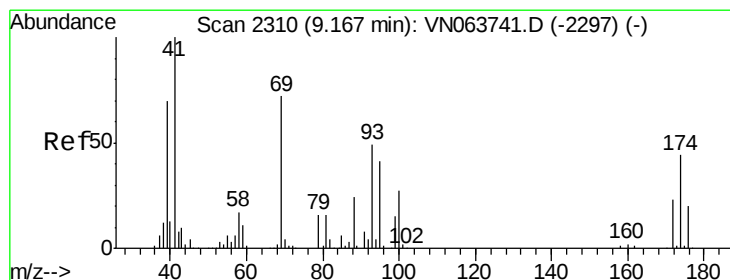
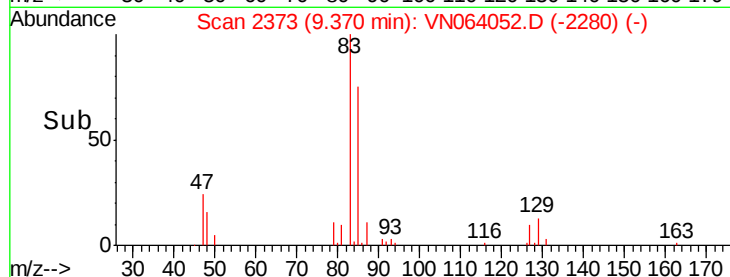
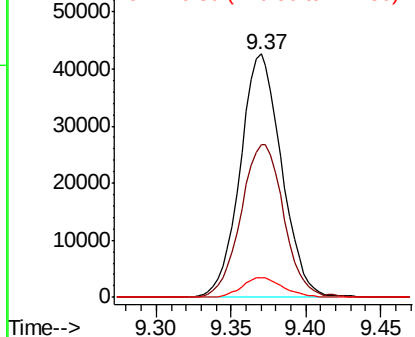
#47
Bromodichloromethane
Concen: 19.007 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tot Ion: 83 Resp: 81972
Ion Ratio Lower Upper
83 100
85 62.7 50.6 75.8
127 8.3 6.6 9.8

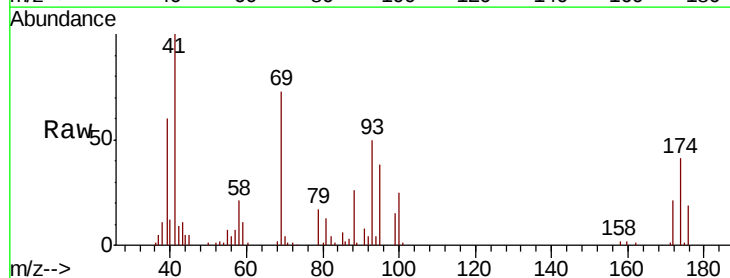


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

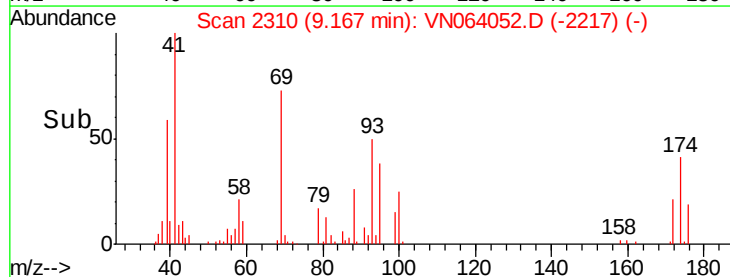
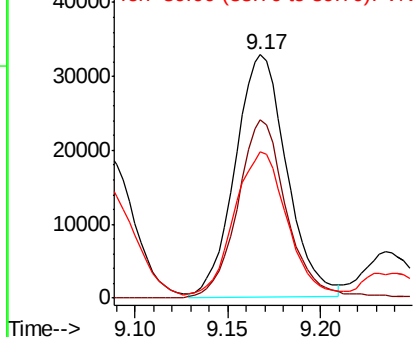


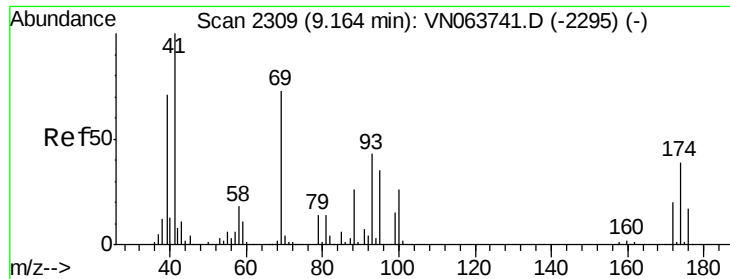
#48
Methyl methacrylate
Concen: 19.970 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion: 41 Resp: 63583
Ion Ratio Lower Upper
41 100
69 70.0 60.9 91.3
39 61.7 57.5 86.3



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 374.648 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS02

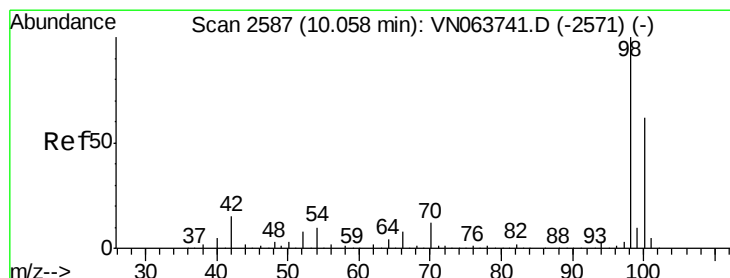
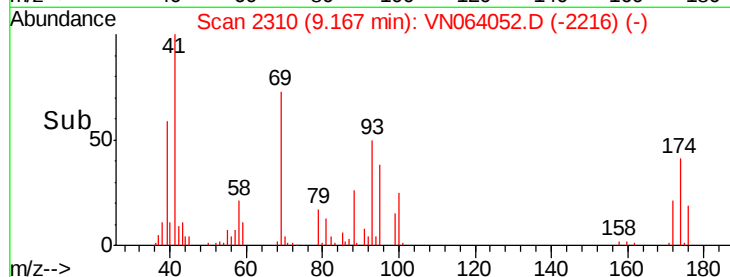
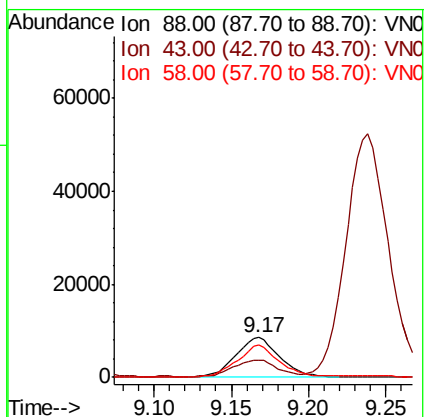
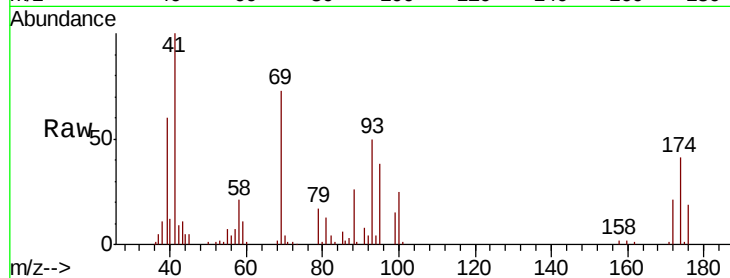
Tot Ion: 88 Resp: 16953

Ion Ratio Lower Upper

88 100

43 41.1 33.1 49.7

58 77.8 58.9 88.3



#50

Toluene-d8

Concen: 48.386 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064052.D

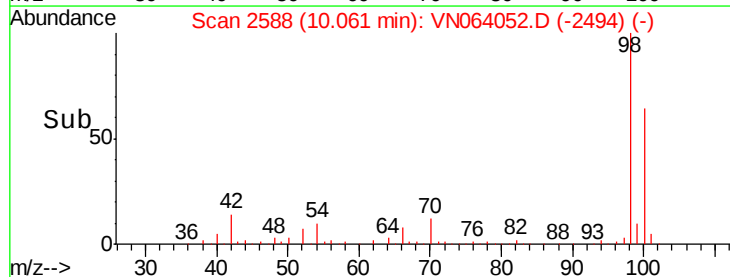
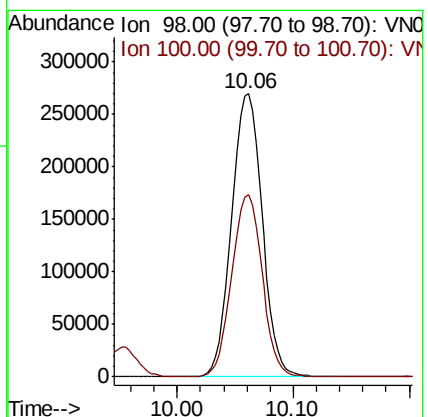
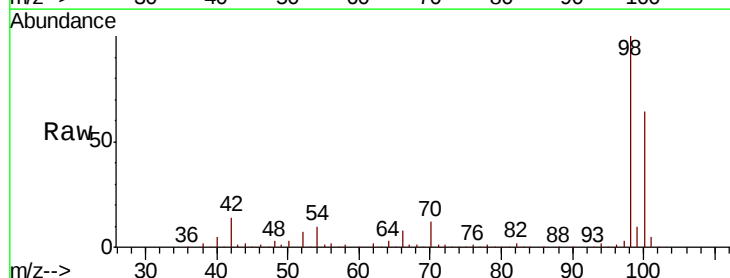
Acq: 9 Oct 2020 22:25

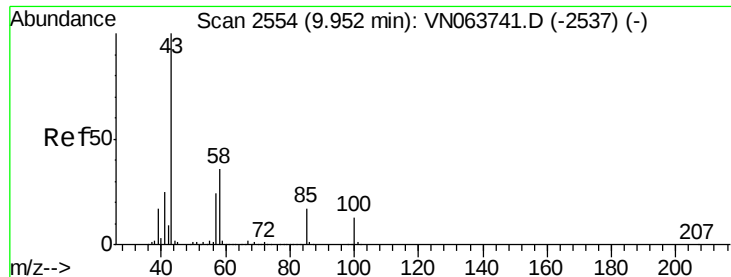
Tgt Ion: 98 Resp: 494034

Ion Ratio Lower Upper

98 100

100 64.0 49.8 74.6





#51

4-Methyl-2-Pentanone

Concen: 107.694 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

ClientSampleId :

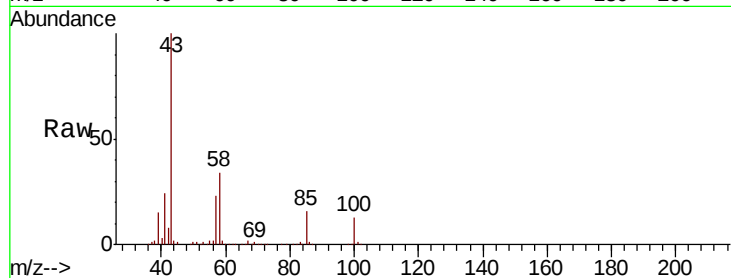
VN1009WBS02

Tot Ion: 43 Resp: 407280

Ion Ratio Lower Upper

43 100

58 34.6 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

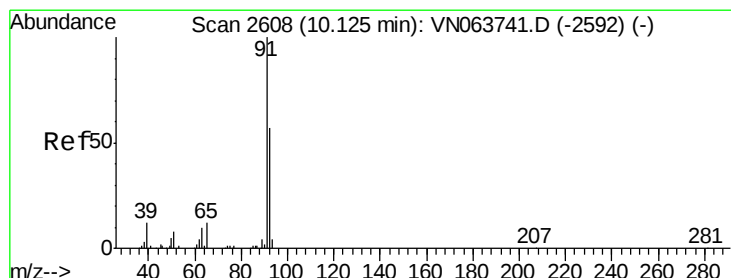
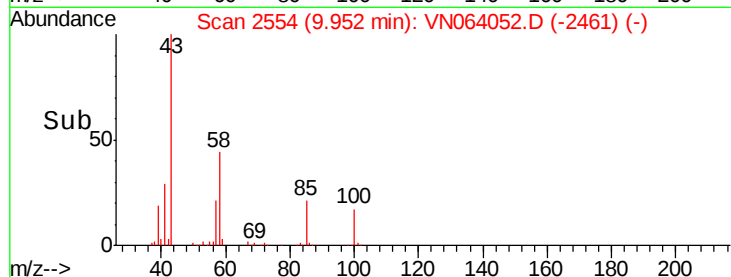
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.226 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064052.D

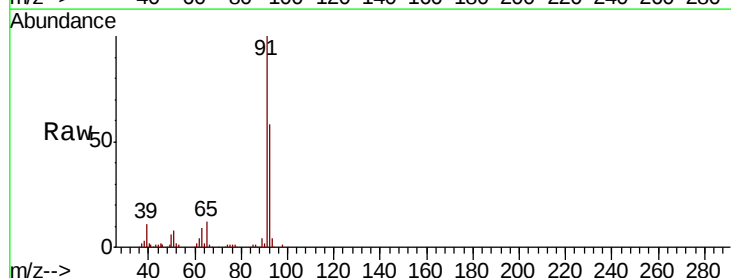
Acq: 9 Oct 2020 22:25

Tgt Ion: 92 Resp: 133571

Ion Ratio Lower Upper

92 100

91 172.2 140.6 210.8



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

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

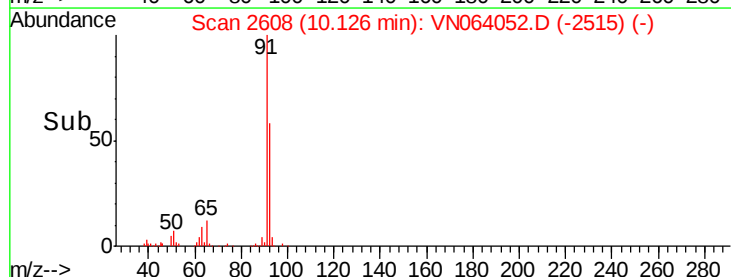
150000

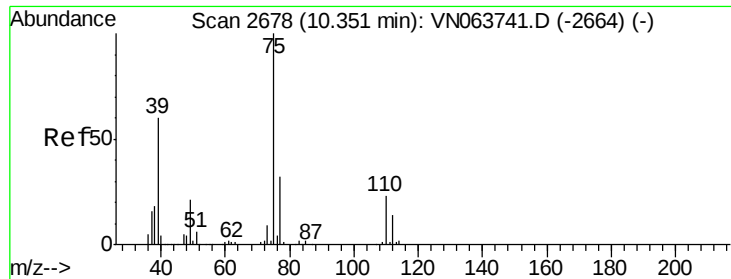
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.112 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

ClientSampled :

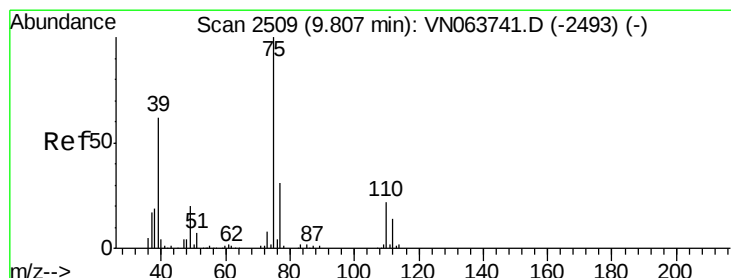
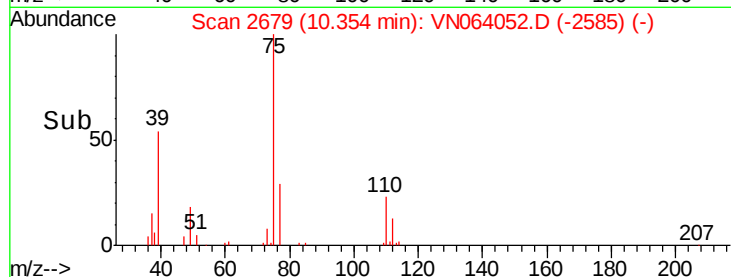
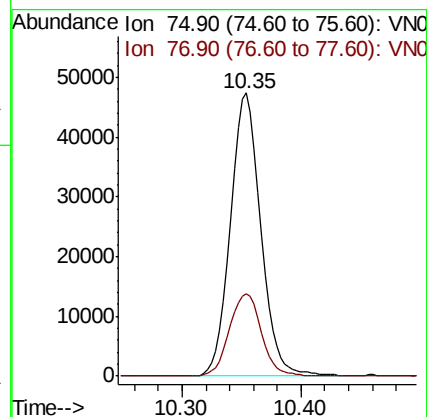
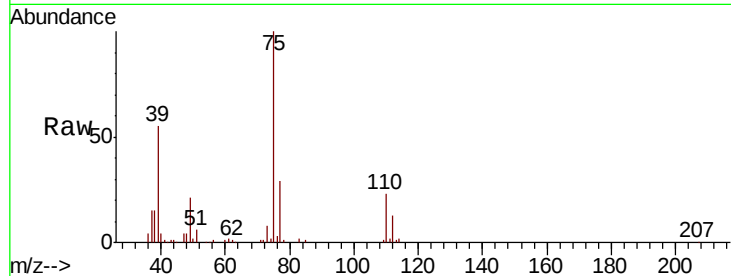
VN1009WBS02

Tot Ion: 75 Resp: 83734

Ion Ratio Lower Upper

75 100

77 29.1 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 18.213 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

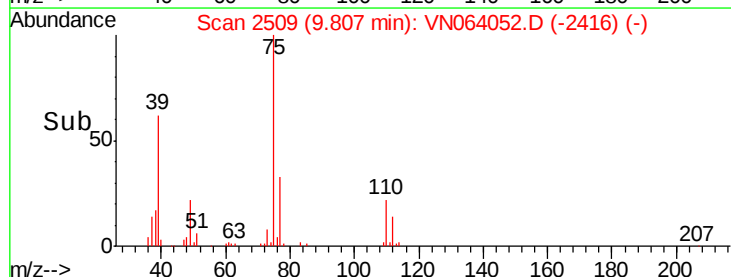
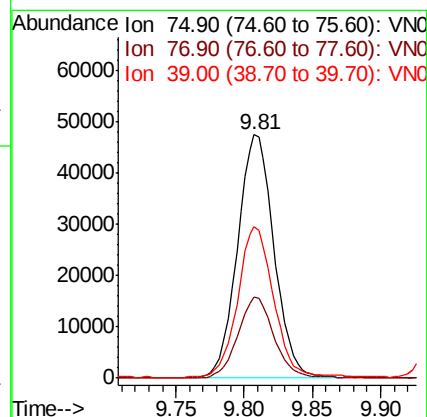
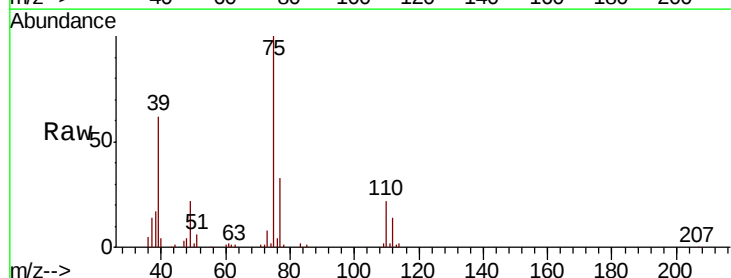
Tgt Ion: 75 Resp: 88059

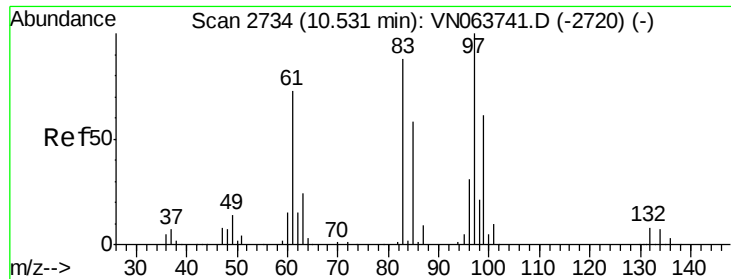
Ion Ratio Lower Upper

75 100

77 33.3 24.6 36.8

39 61.7 49.7 74.5

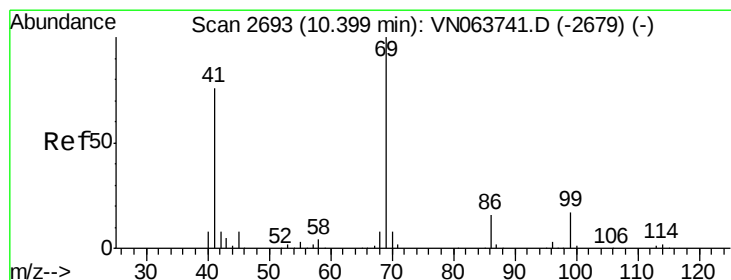
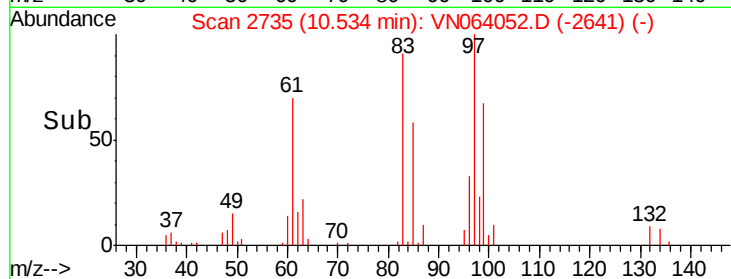
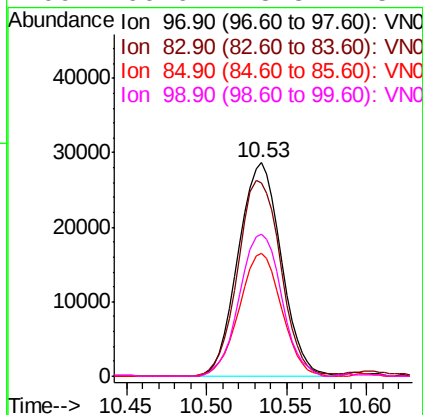
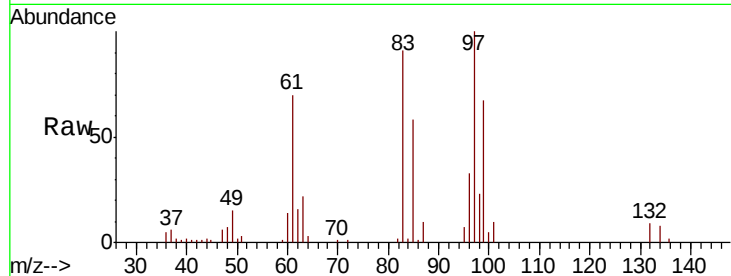




#55
 1,1,2-Trichloroethane
 Concen: 18.924 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

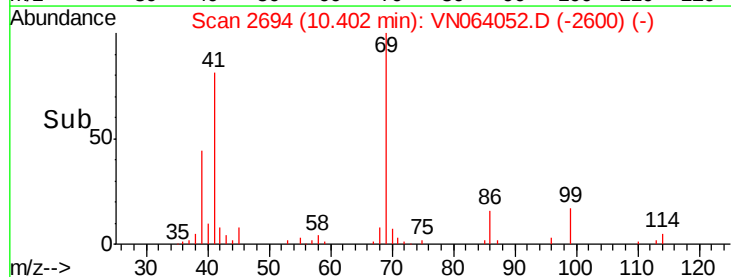
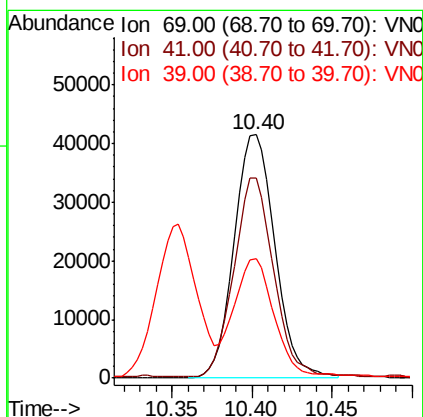
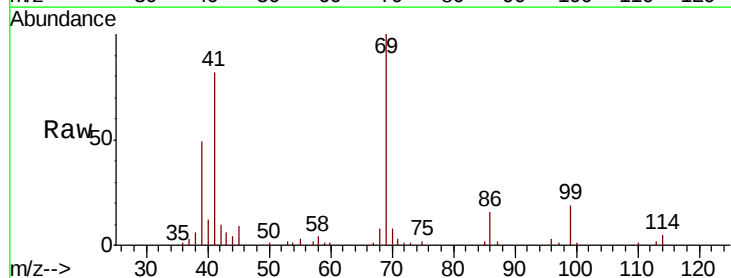
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS02

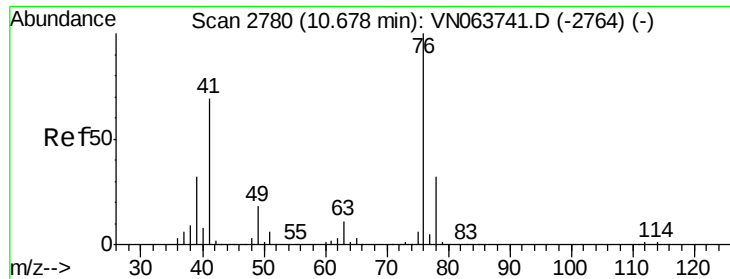
Tot Ion: 97 Resp: 52726
 Ion Ratio Lower Upper
 97 100
 83 90.5 70.7 106.1
 85 57.8 46.1 69.1
 99 66.6 48.8 73.2



#56
 Ethyl methacrylate
 Concen: 18.310 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Tgt Ion: 69 Resp: 72310
 Ion Ratio Lower Upper
 69 100
 41 79.6 61.1 91.7
 39 49.3 42.2 63.4

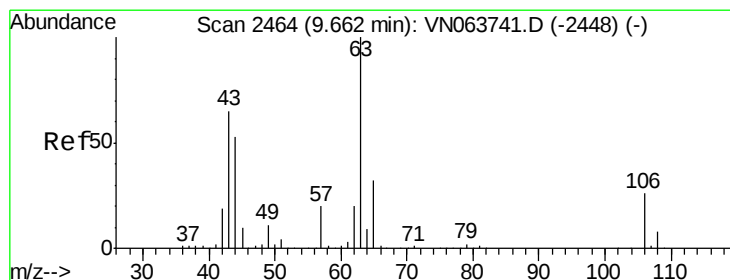
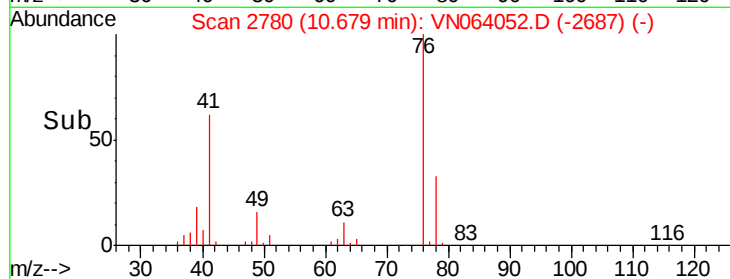
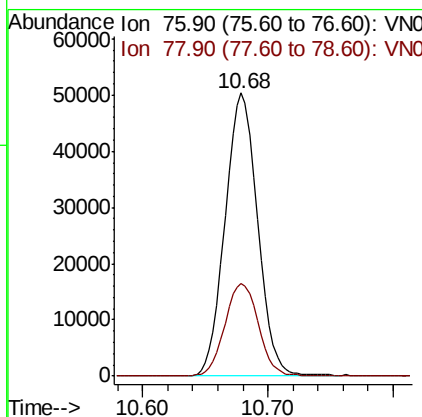
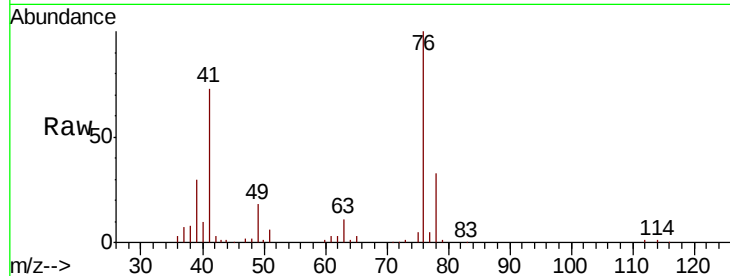




#57
 1,3-Dichloropropane
 Concen: 19.260 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

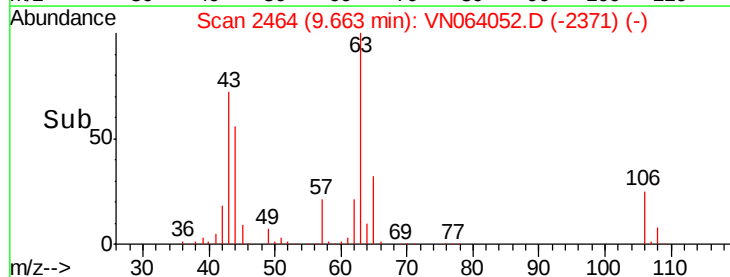
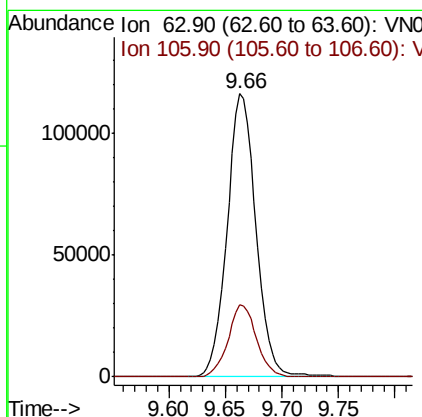
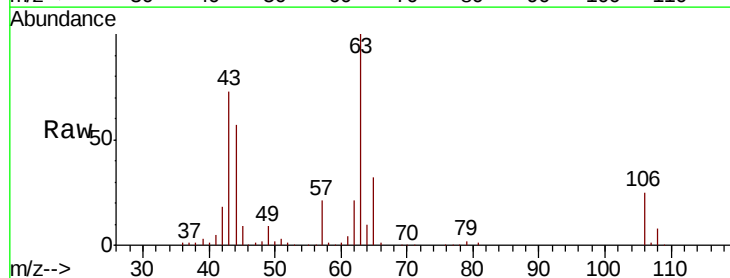
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS02

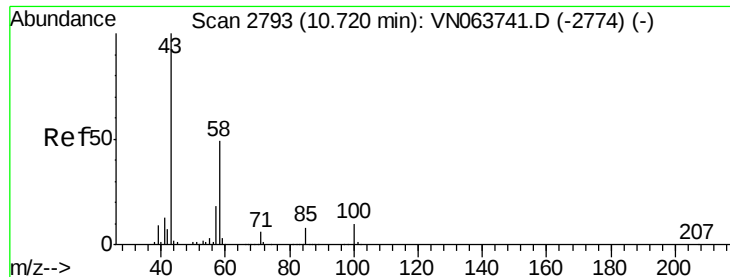
Tot Ion: 76 Resp: 90785
 Ion Ratio Lower Upper
 76 100
 78 33.7 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.618 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Tgt Ion: 63 Resp: 206218
 Ion Ratio Lower Upper
 63 100
 106 25.0 20.7 31.1

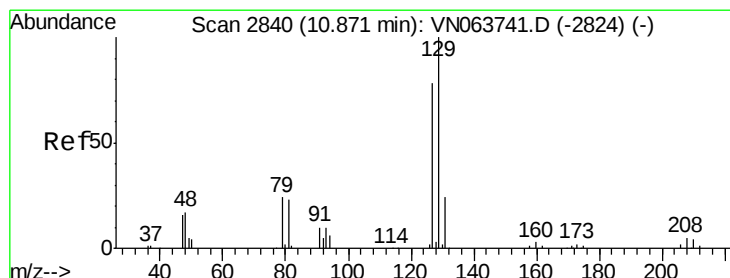
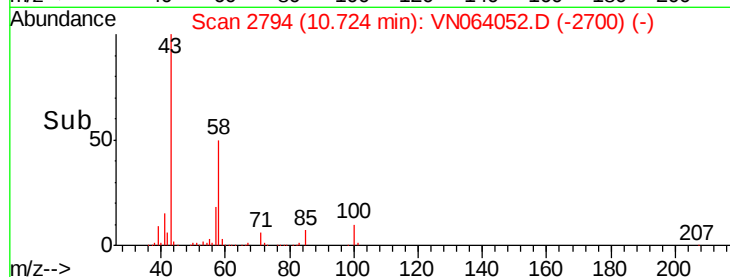
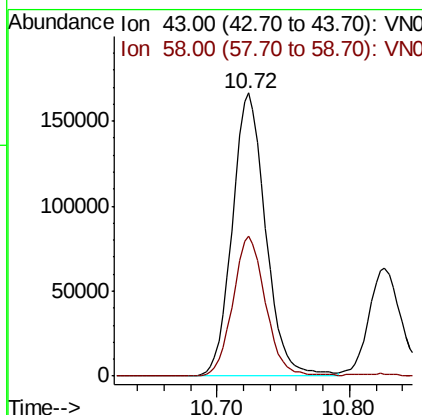
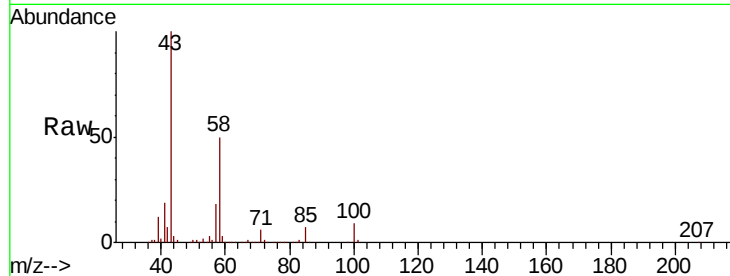




#59
2-Hexanone
Concen: 102.280 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

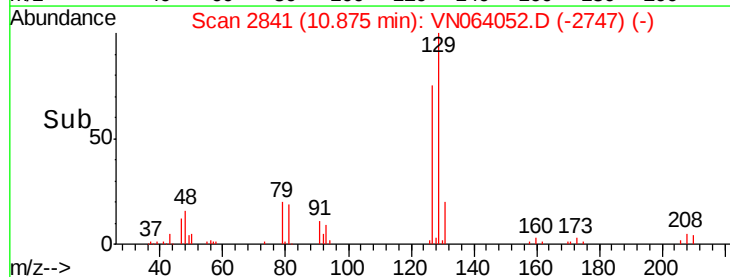
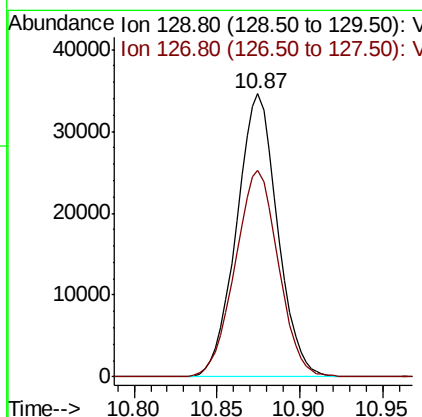
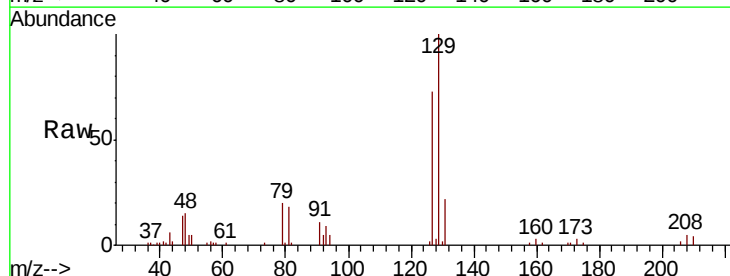
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

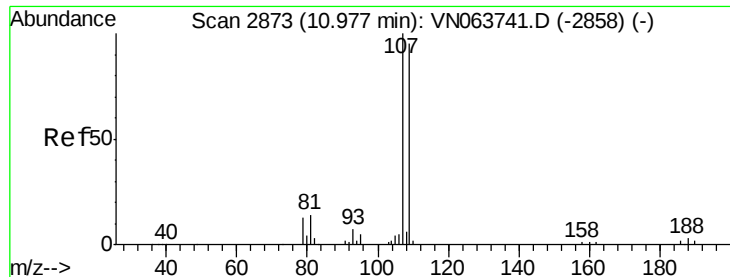
Tot Ion: 43 Resp: 287343
Ion Ratio Lower Upper
43 100
58 49.1 24.6 73.8



#60
Dibromochloromethane
Concen: 18.285 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion: 129 Resp: 59329
Ion Ratio Lower Upper
129 100
127 77.1 38.9 116.7





#61

1,2-Dibromoethane

Concen: 18.986 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

ClientSampleId :

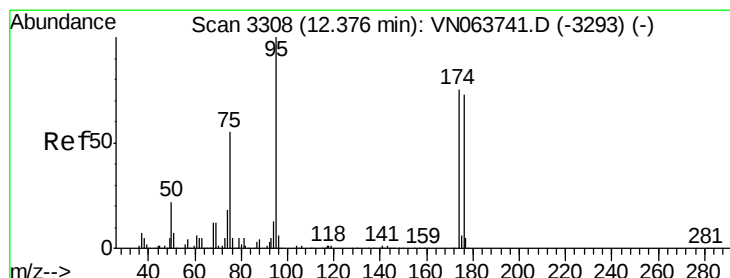
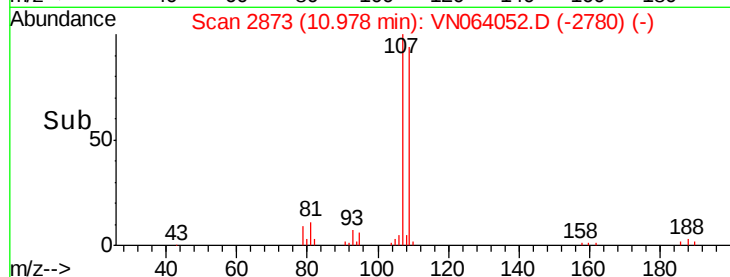
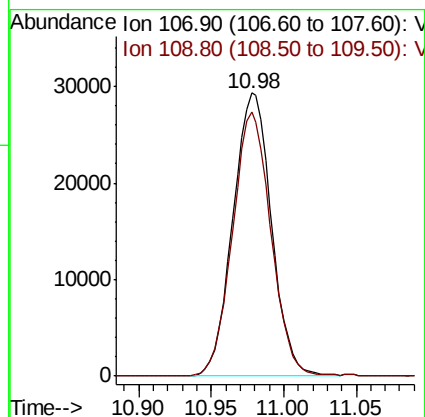
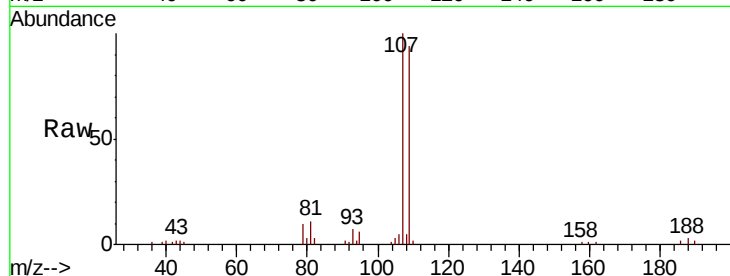
VN1009WBS02

Tot Ion: 107 Resp: 54110

Ion Ratio Lower Upper

107 100

109 93.2 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 46.301 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

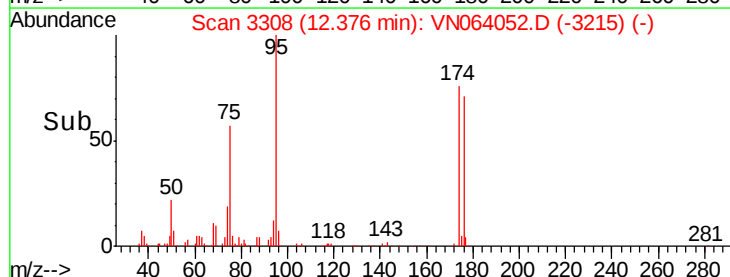
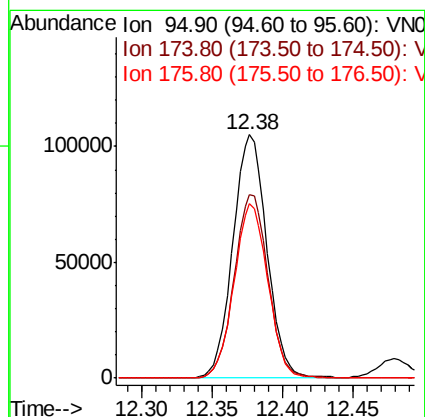
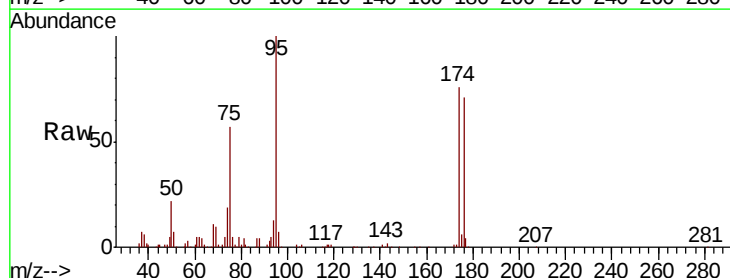
Tgt Ion: 95 Resp: 177709

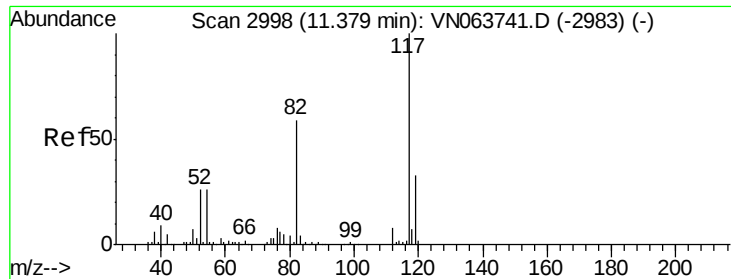
Ion Ratio Lower Upper

95 100

174 75.4 0.0 150.6

176 71.3 0.0 145.4

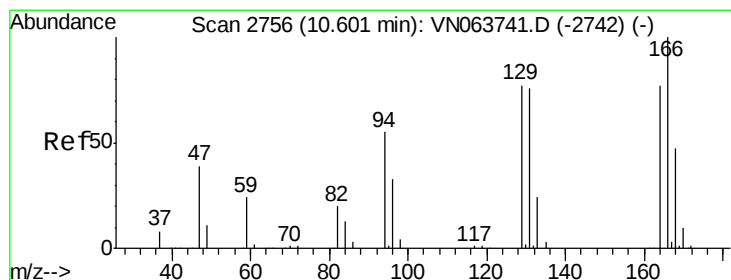
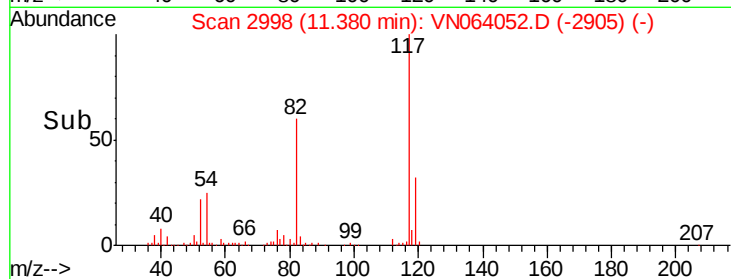
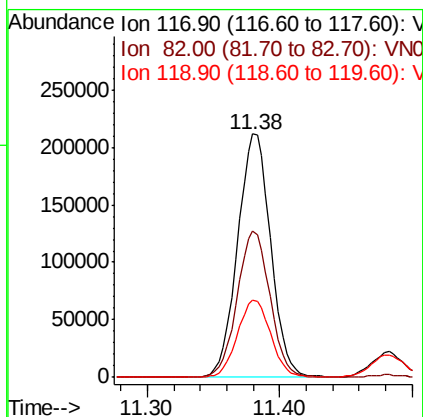
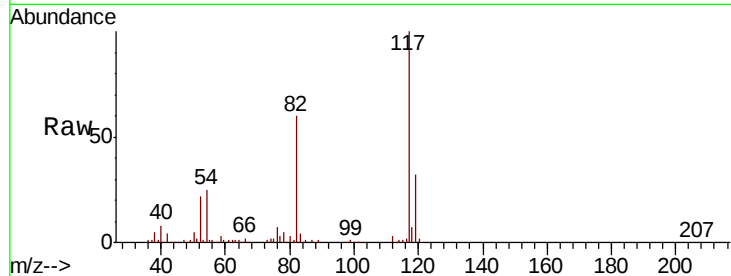




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

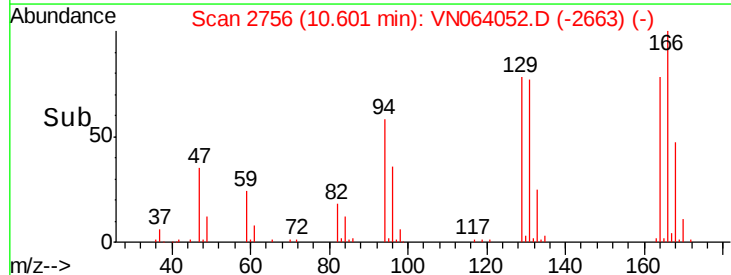
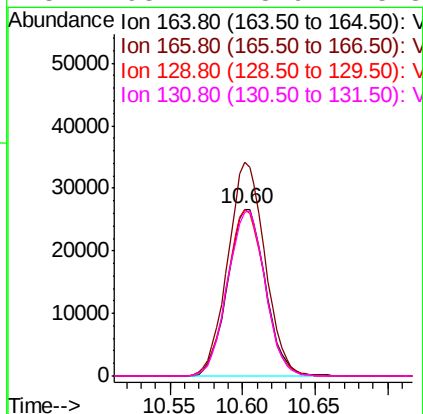
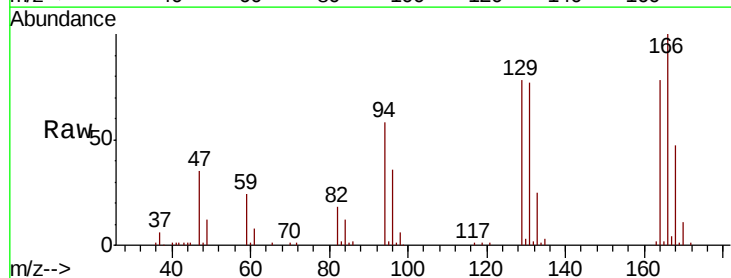
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

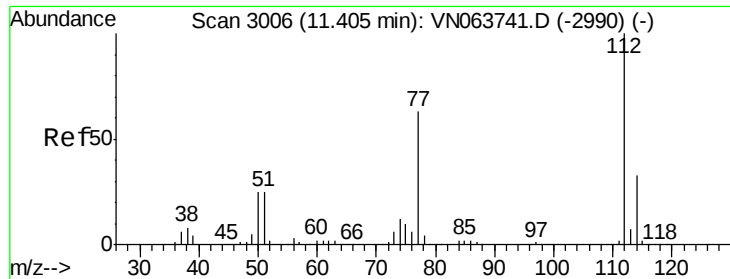
Tot Ion:117 Resp: 367175
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 31.7 26.4 39.6



#64
Tetrachloroethene
Concen: 17.010 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion:164 Resp: 48322
Ion Ratio Lower Upper
164 100
166 128.2 103.9 155.9
129 99.6 80.3 120.5
131 98.7 78.9 118.3

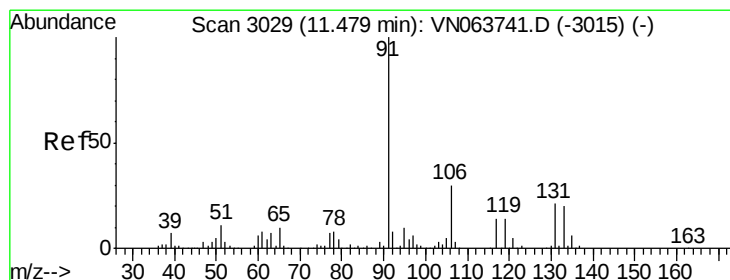
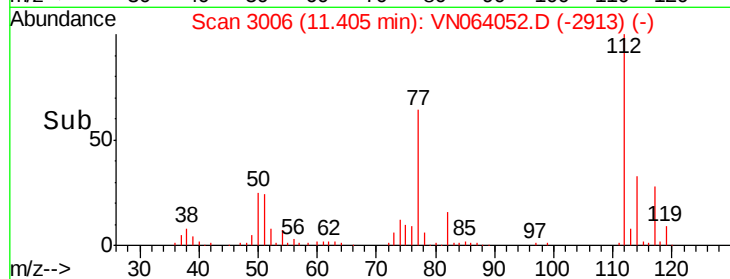
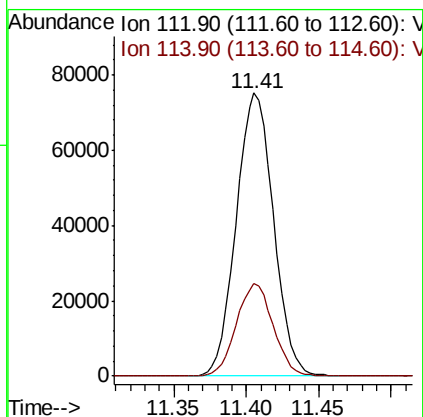
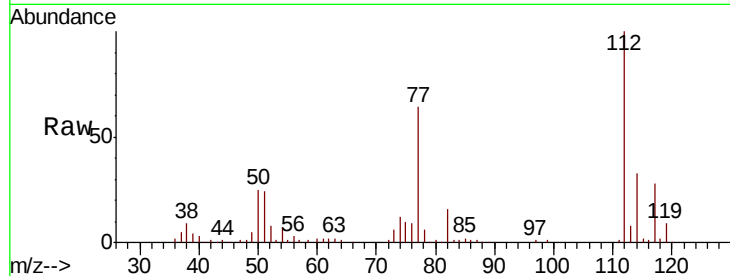




#65
Chlorobenzene
Concen: 17.846 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

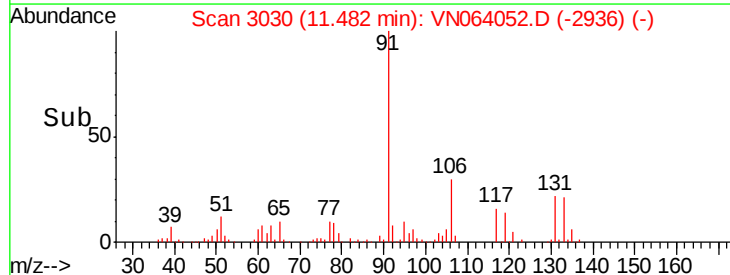
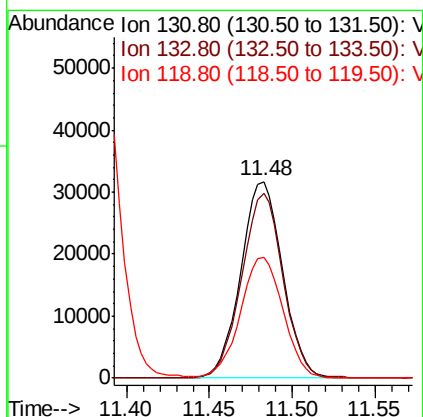
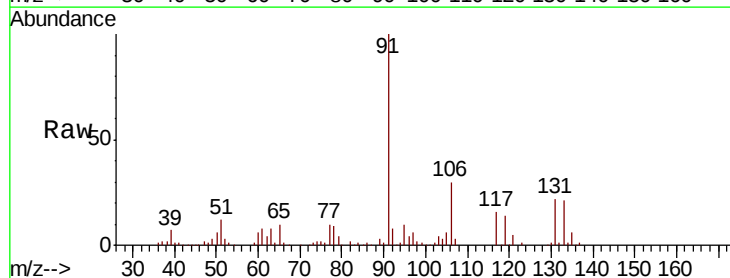
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

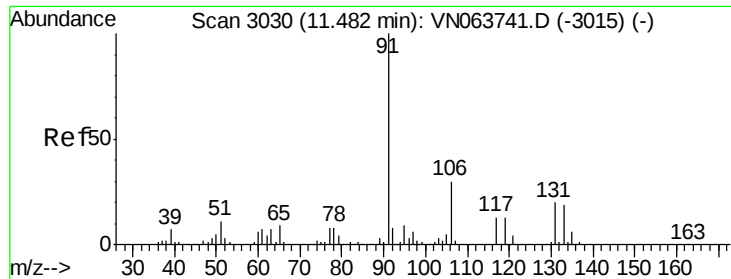
Tot Ion:112 Resp: 134413
Ion Ratio Lower Upper
112 100
114 32.5 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.222 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion:131 Resp: 55505
Ion Ratio Lower Upper
131 100
133 93.4 47.3 141.8
119 63.1 32.6 97.7

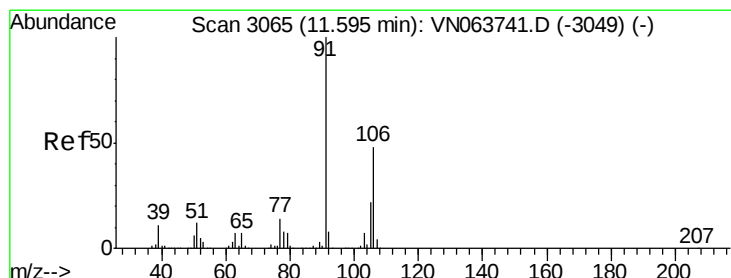
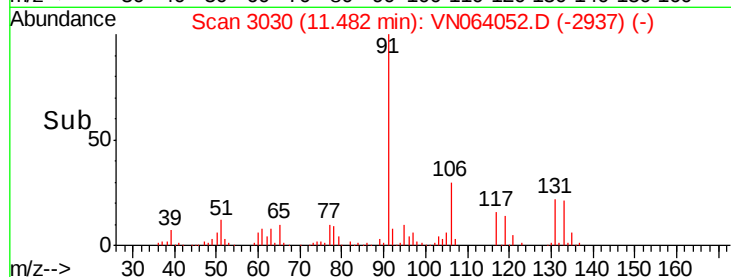
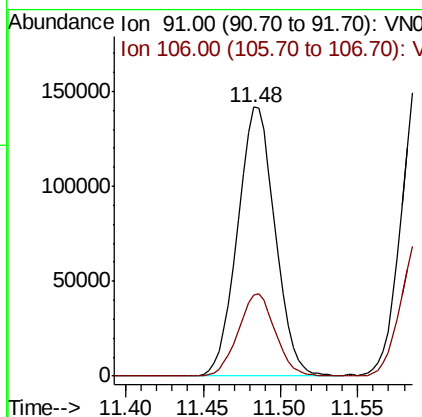
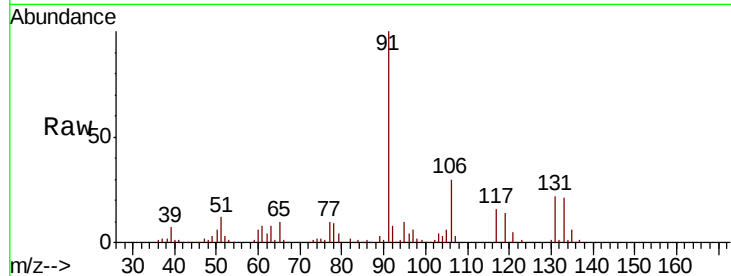




#67
Ethyl Benzene
Concen: 17.471 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

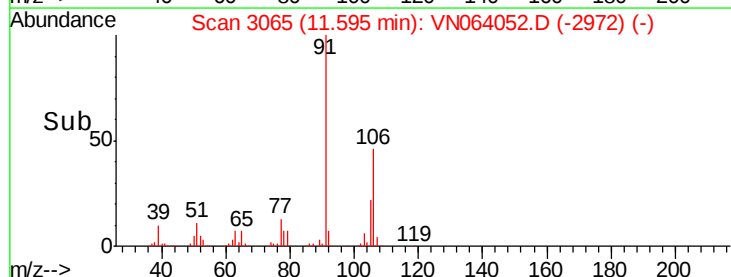
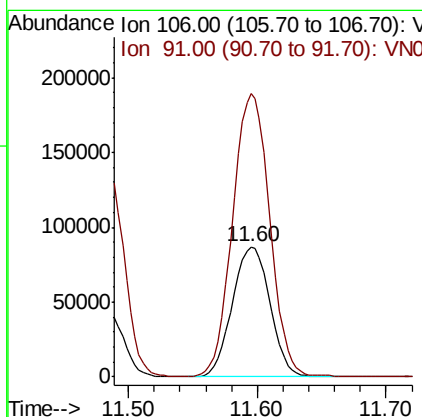
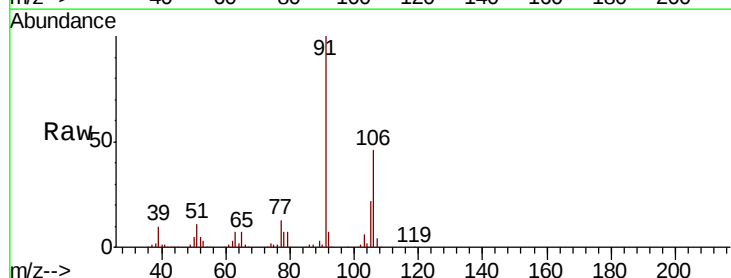
Instrument :
MSVOA_N
ClientSampled :
VN1009WBS02

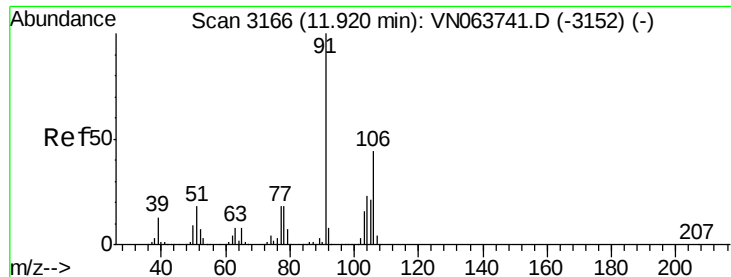
Tot Ion: 91 Resp: 239444
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.2



#68
m/p-Xylenes
Concen: 34.531 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion: 106 Resp: 176384
Ion Ratio Lower Upper
106 100
91 213.5 168.0 252.0

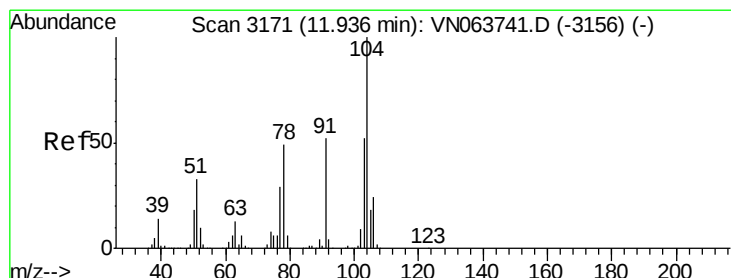
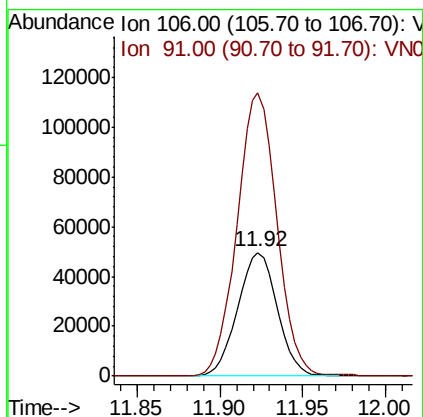
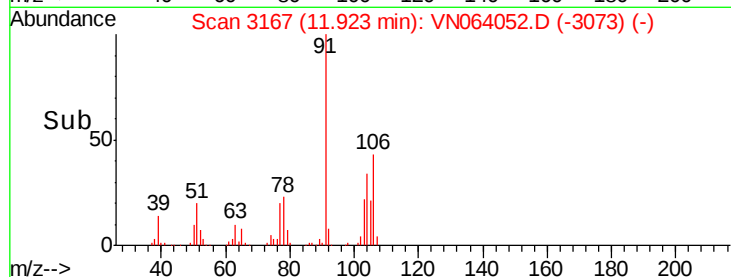
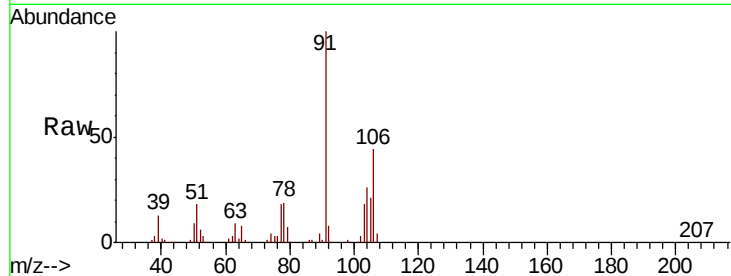




#69
o-Xylene
Concen: 17.349 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

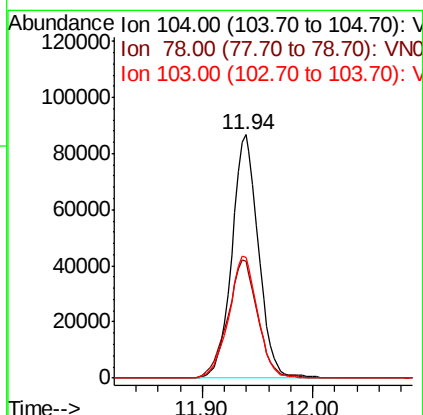
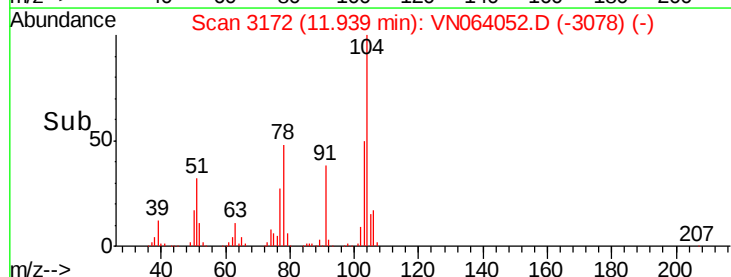
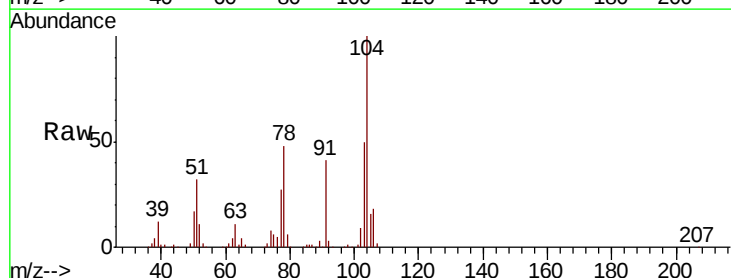
Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

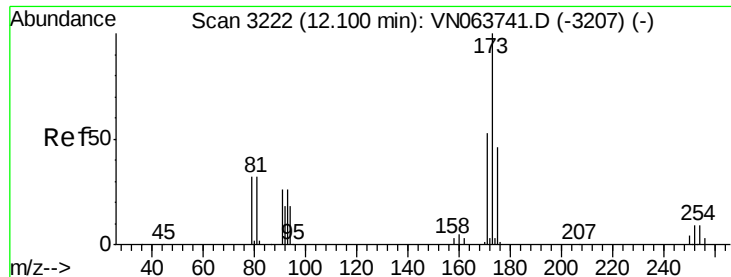
Tot Ion:106 Resp: 82826
Ion Ratio Lower Upper
106 100
91 230.5 112.7 338.0



#70
Styrene
Concen: 17.858 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion:104 Resp: 144724
Ion Ratio Lower Upper
104 100
78 54.7 44.1 66.1
103 54.1 44.3 66.5





#71

Bromoform

Concen: 17.993 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS02

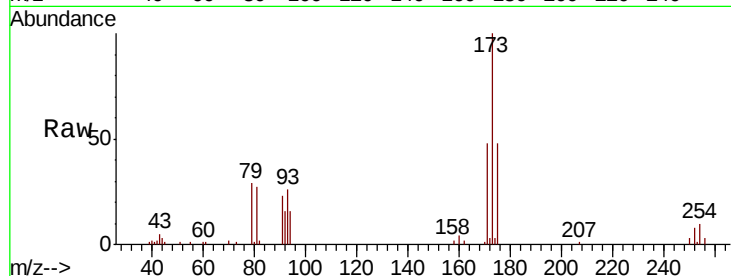
Tot Ion:173 Resp: 39736

Ion Ratio Lower Upper

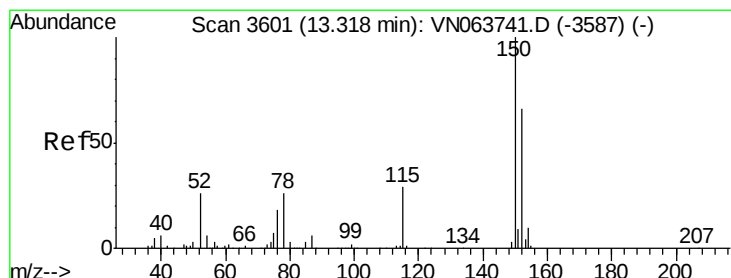
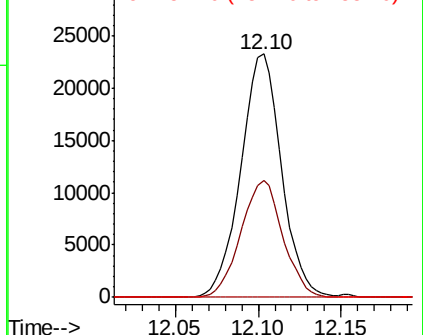
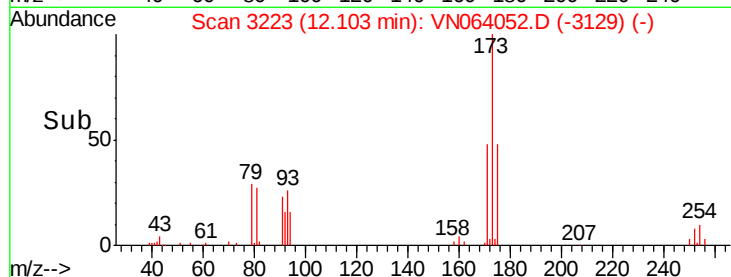
173 100

175 49.2 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: VN064052.D

Acq: 9 Oct 2020 22:25

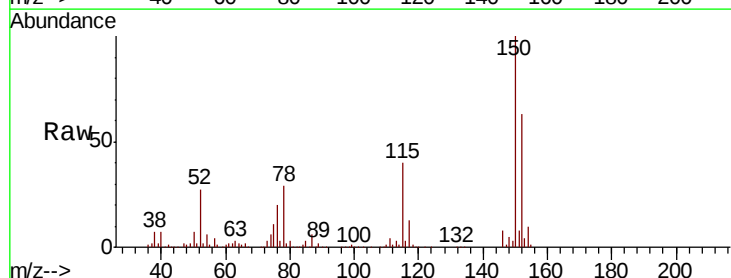
Tgt Ion:152 Resp: 161312

Ion Ratio Lower Upper

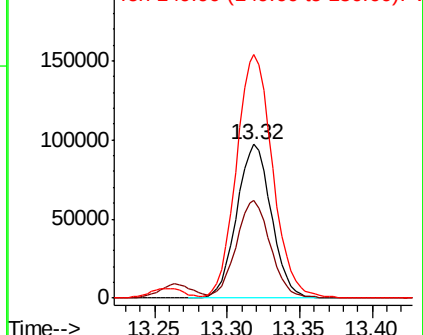
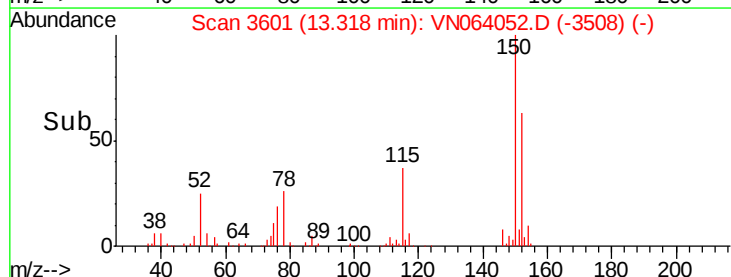
152 100

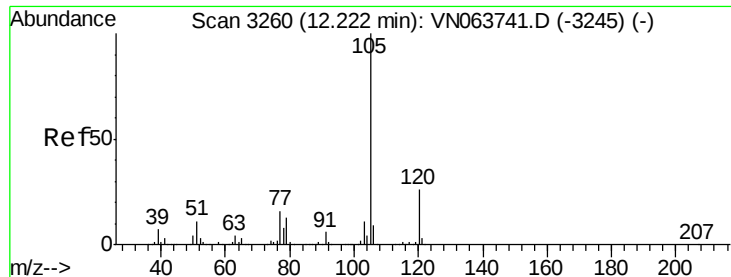
115 62.2 31.3 93.8

150 164.7 0.0 341.8



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





#73

Isopropylbenzene

Concen: 19.229 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

ClientSampleId :

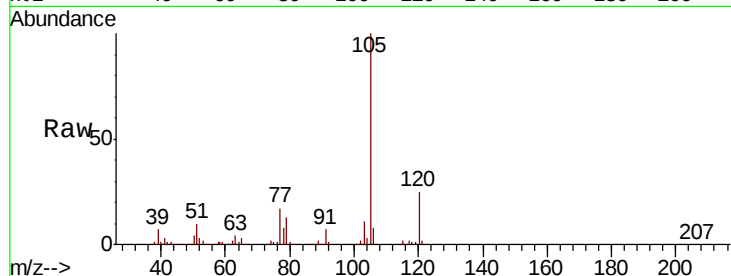
VN1009WBS02

Tot Ion:105 Resp: 226247

Ion Ratio Lower Upper

105 100

120 24.9 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.23

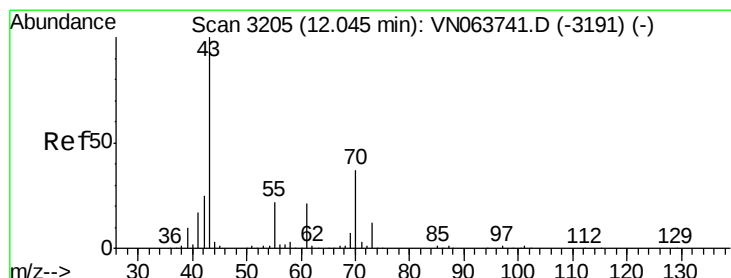
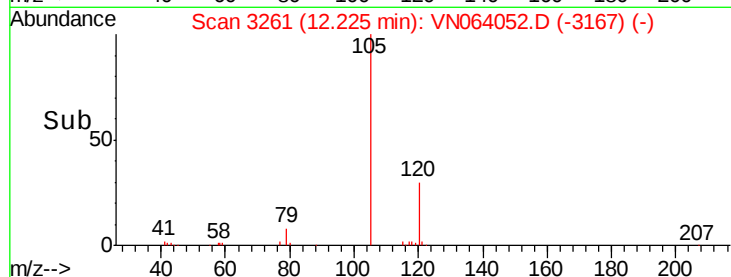
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 20.710 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Tgt Ion: 43 Resp: 105828

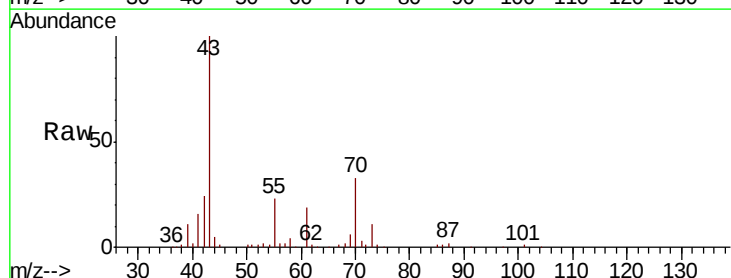
Ion Ratio Lower Upper

43 100

70 34.0 29.8 44.8

55 23.1 17.9 26.9

61 19.7 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

100000

80000

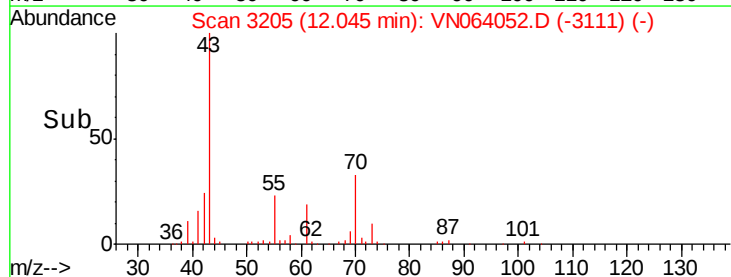
60000

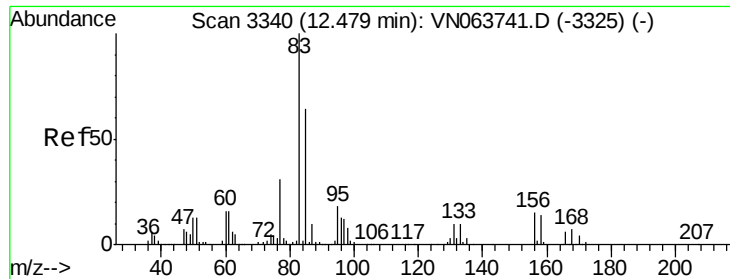
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.861 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS02

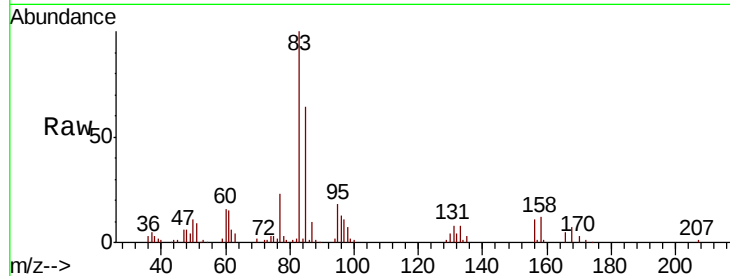
Tot Ion: 83 Resp: 78653

Ion Ratio Lower Upper

83 100

131 9.2 5.3 15.8

85 64.7 31.3 93.8



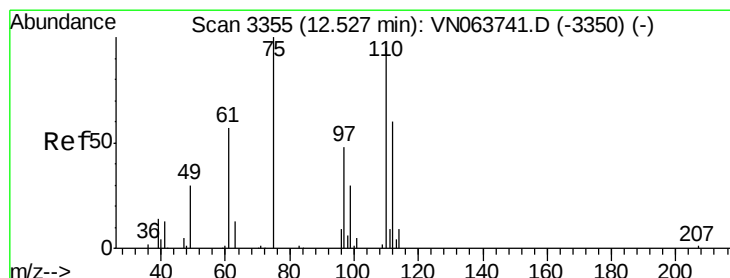
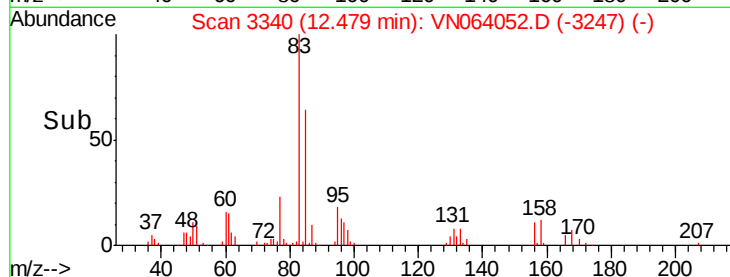
Abundance Ion 82.90 (82.60 to 83.60): VN063741.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN063741.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN063741.D (-3325) (-)

12.48

Time-->



#76

1,2,3-Trichloropropane

Concen: 28.839 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064052.D

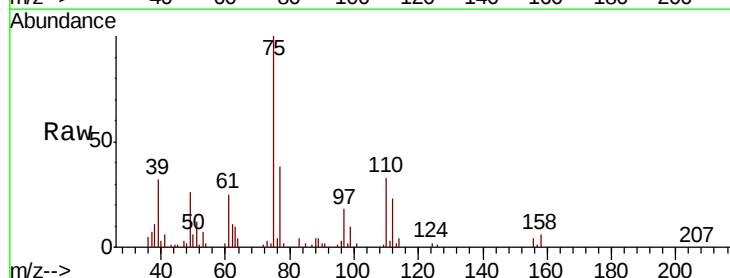
Acq: 9 Oct 2020 22:25

Tgt Ion: 75 Resp: 102551

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

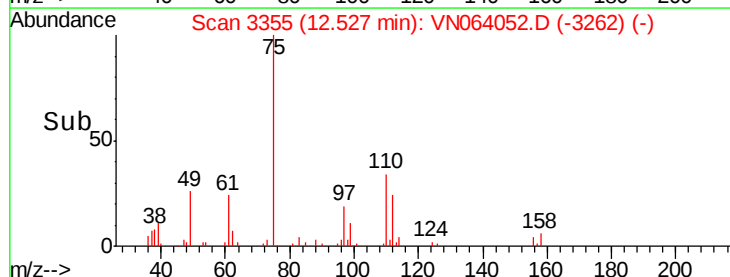


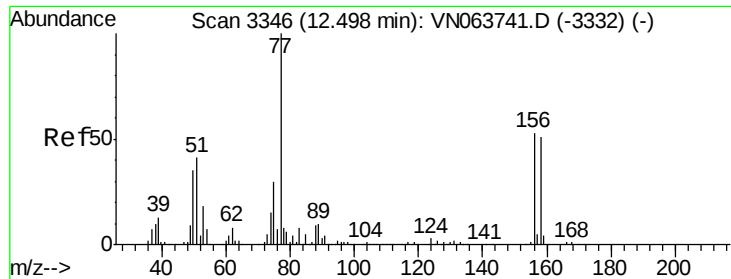
Abundance Ion 74.90 (74.60 to 75.60): VN063741.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN063741.D (-3350) (-)

12.53

Time-->





#77

Bromobenzene

Concen: 19.872 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS02

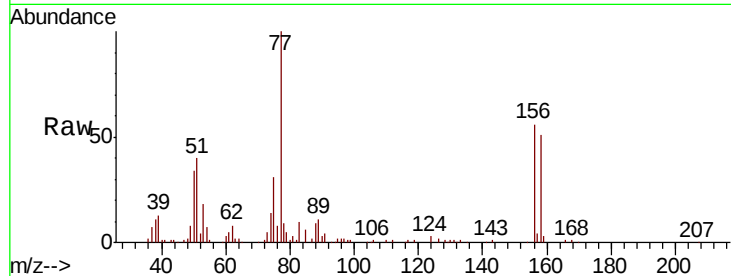
Tot Ion:156 Resp: 57371

Ion Ratio Lower Upper

156 100

77 225.6 110.9 332.7

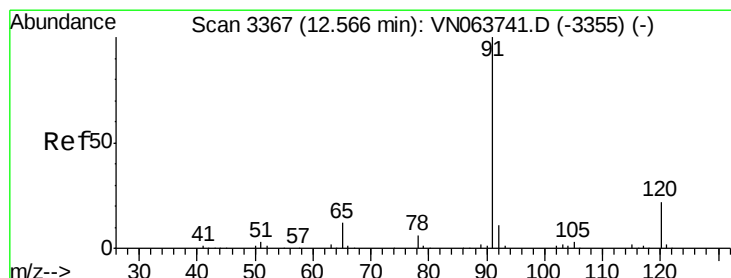
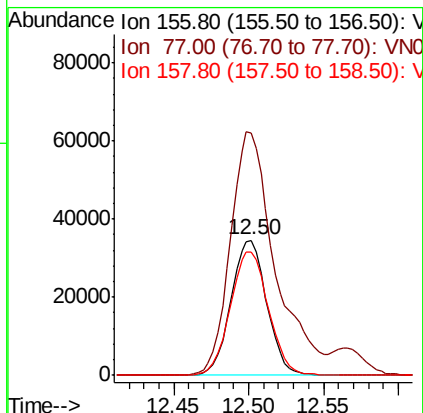
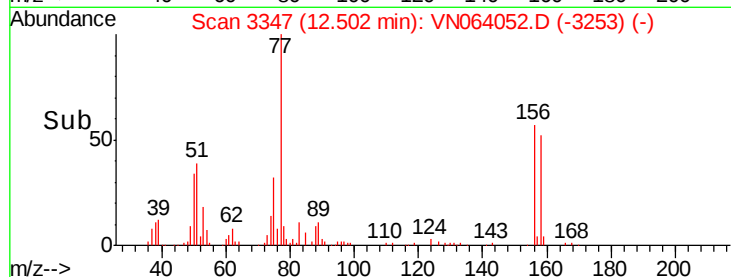
158 97.7 47.7 143.1



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: 18.634 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064052.D

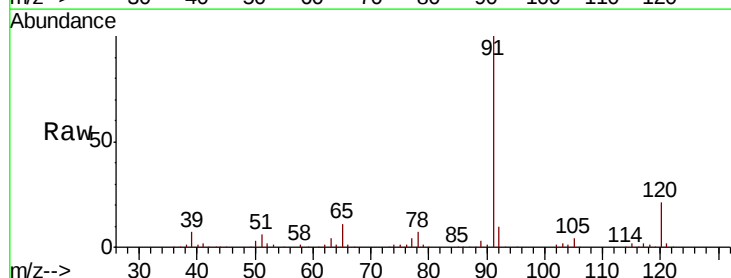
Acq: 9 Oct 2020 22:25

Tgt Ion: 91 Resp: 255160

Ion Ratio Lower Upper

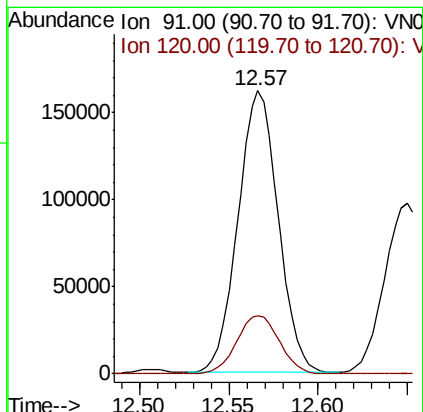
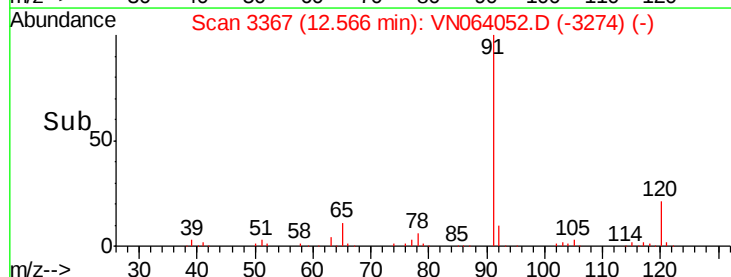
91 100

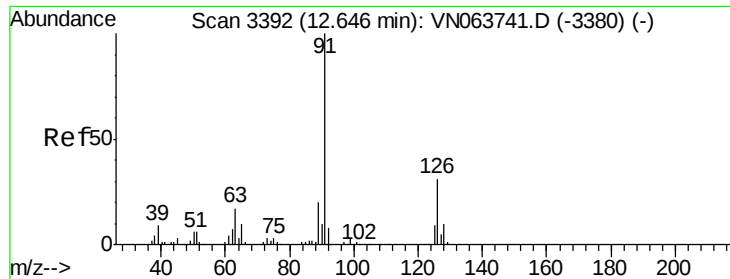
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.485 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

ClientSampleId :

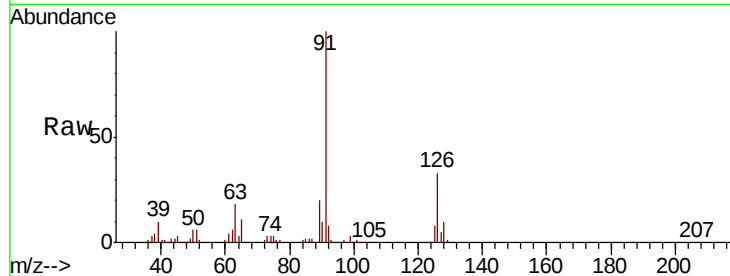
VN1009WBS02

Tot Ion: 91 Resp: 164098

Ion Ratio Lower Upper

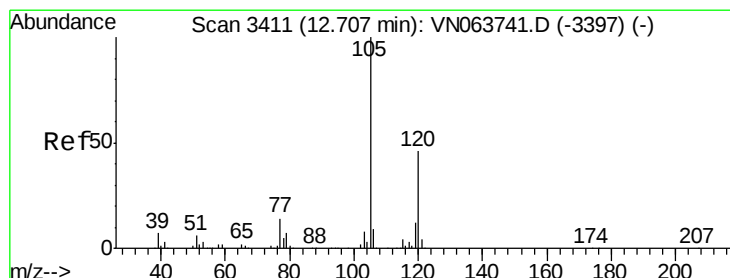
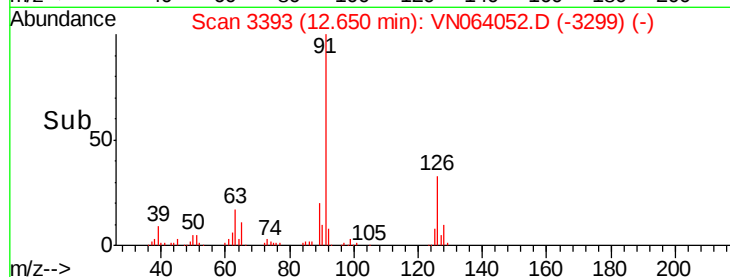
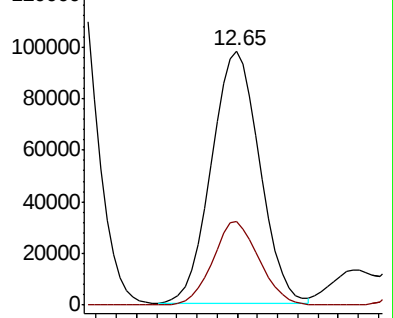
91 100

126 32.0 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063741.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.240 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064052.D

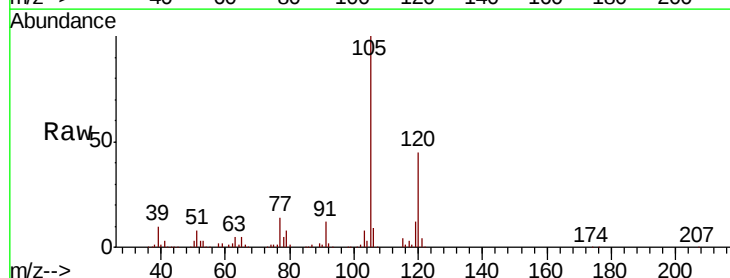
Acq: 9 Oct 2020 22:25

Tgt Ion: 105 Resp: 189916

Ion Ratio Lower Upper

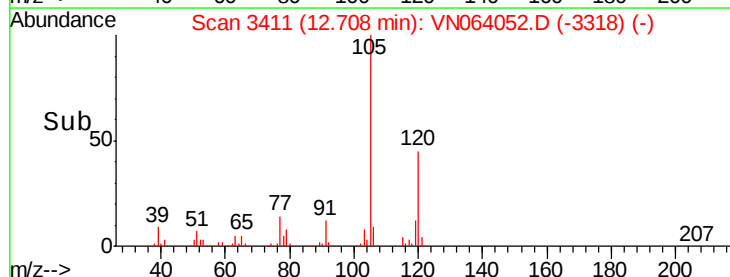
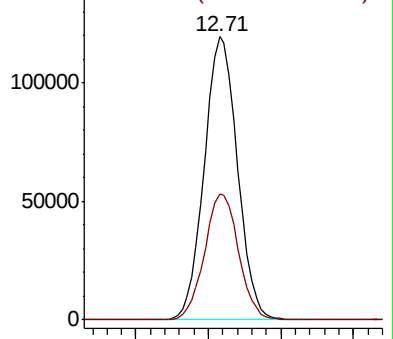
105 100

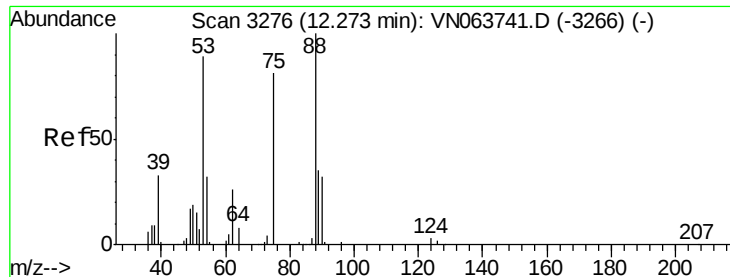
120 45.8 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN063741.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN063741.D (-3397) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.773 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS02

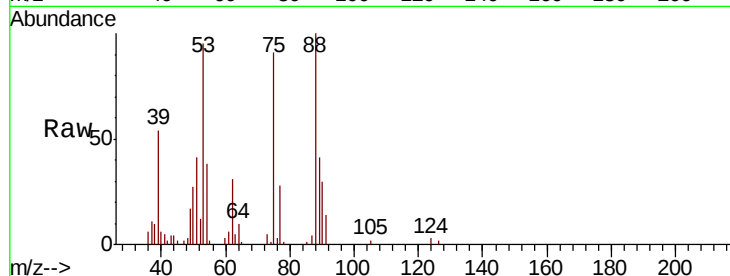
Tot Ion: 75 Resp: 24412

Ion Ratio Lower Upper

75 100

53 111.3 88.2 132.2

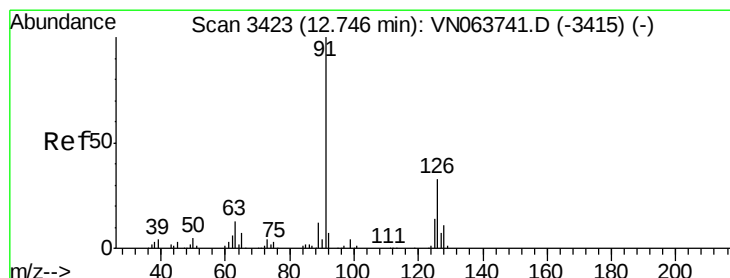
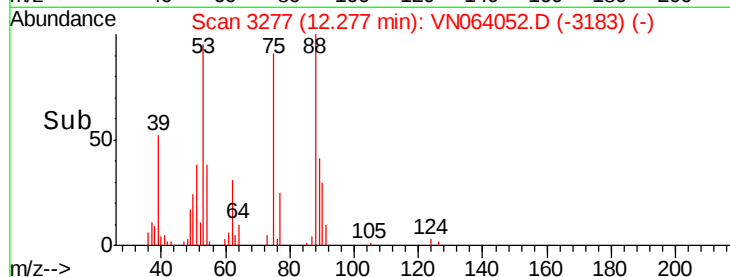
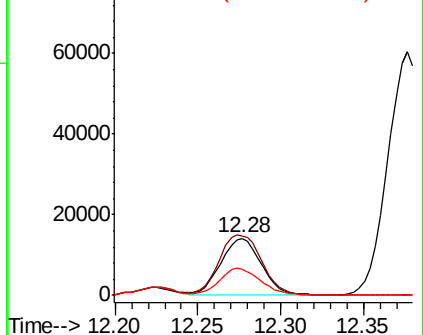
89 47.6 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN063741.D (-3266) (-)

Ion 53.00 (52.70 to 53.70): VN063741.D (-3266) (-)

Ion 88.90 (88.60 to 89.60): VN063741.D (-3266) (-)



#82

4-Chlorotoluene

Concen: 19.273 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN064052.D

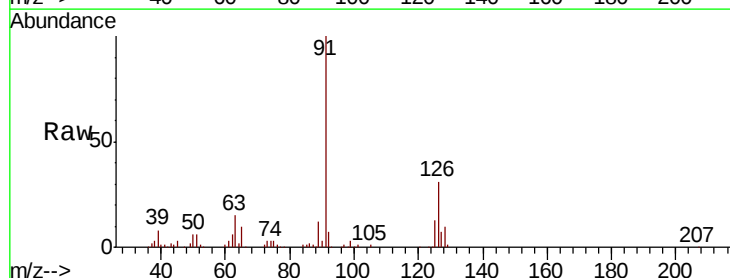
Acq: 9 Oct 2020 22:25

Tgt Ion: 91 Resp: 168497

Ion Ratio Lower Upper

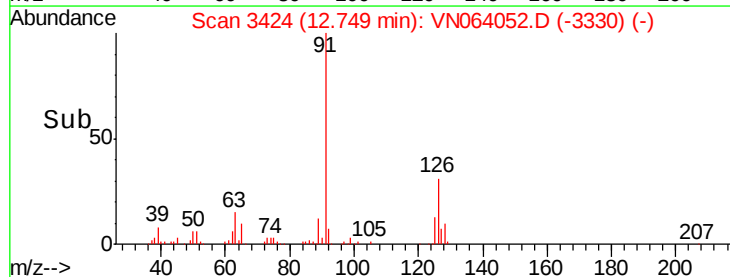
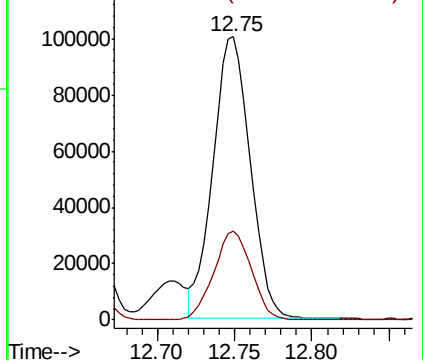
91 100

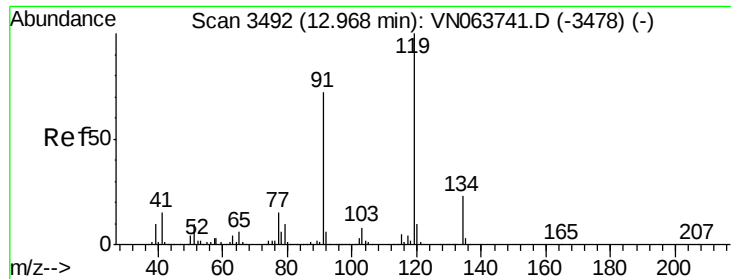
126 31.8 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3415) (-)

Ion 125.90 (125.60 to 126.60): VN063741.D (-3415) (-)





#83

tert-Butylbenzene

Concen: 18.528 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS02

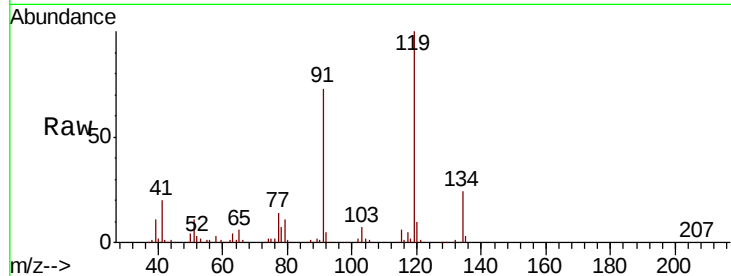
Tot Ion:119 Resp: 149603

Ion Ratio Lower Upper

119 100

91 73.8 35.5 106.5

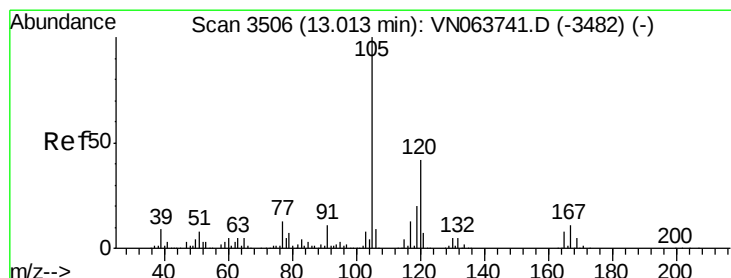
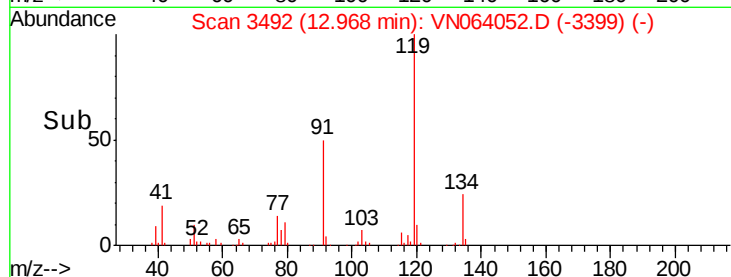
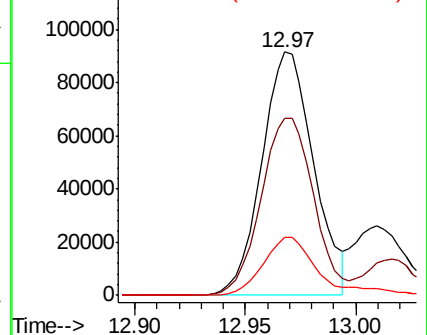
134 25.5 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.033 ug/l

RT: 13.02 min Scan# 3507

Delta R.T. 0.00 min

Lab File: VN064052.D

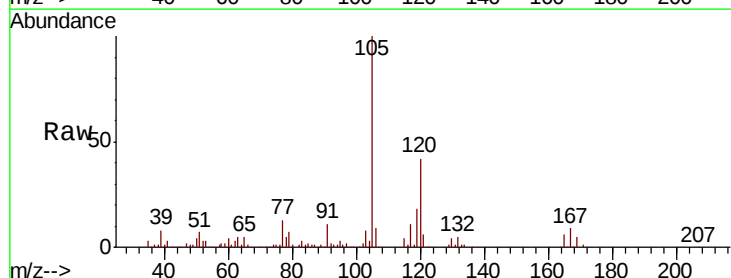
Acq: 9 Oct 2020 22:25

Tgt Ion:105 Resp: 187577

Ion Ratio Lower Upper

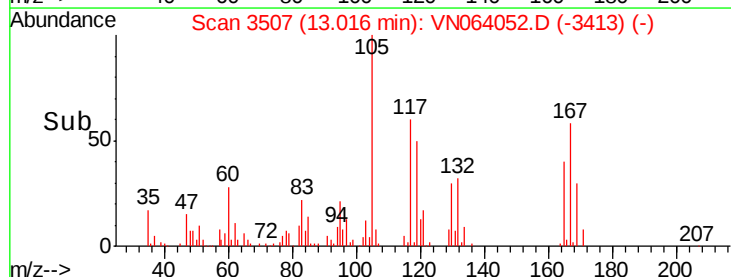
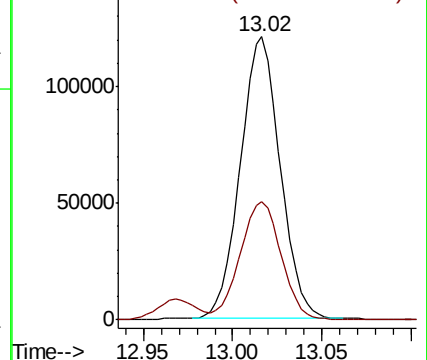
105 100

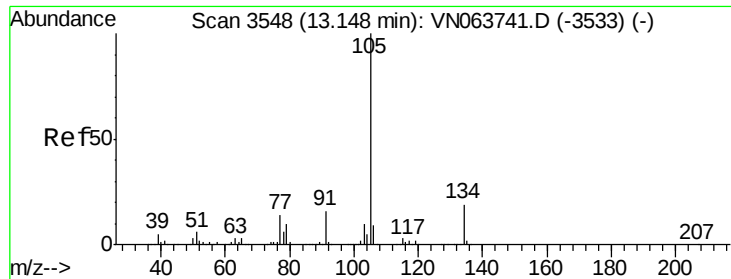
120 43.4 20.9 62.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

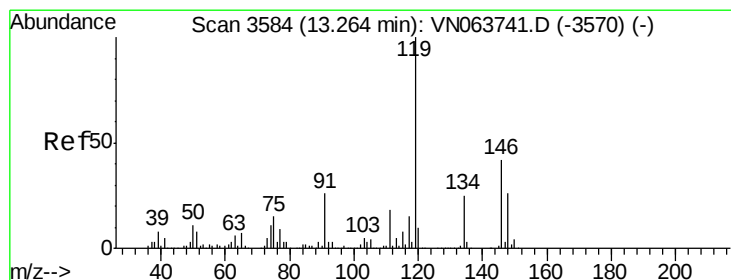
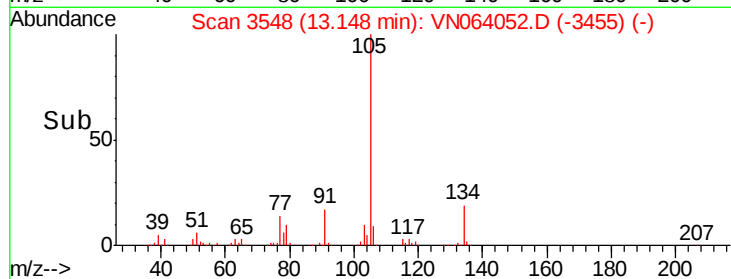
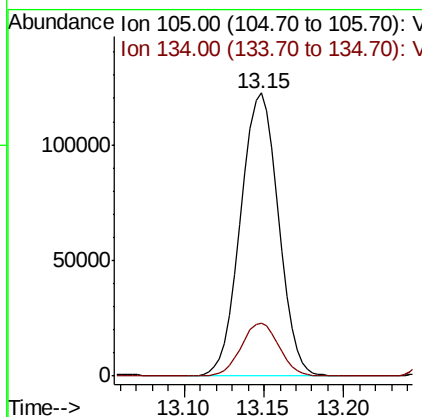
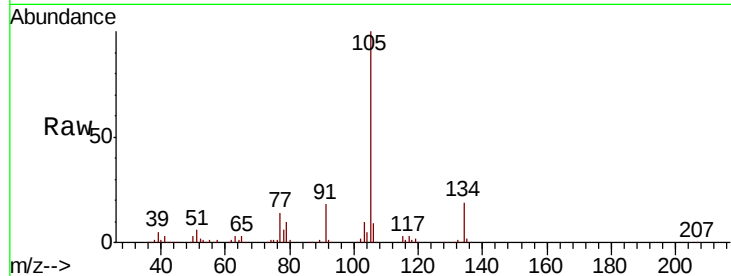




#85
 sec-Butylbenzene
 Concen: 18.529 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

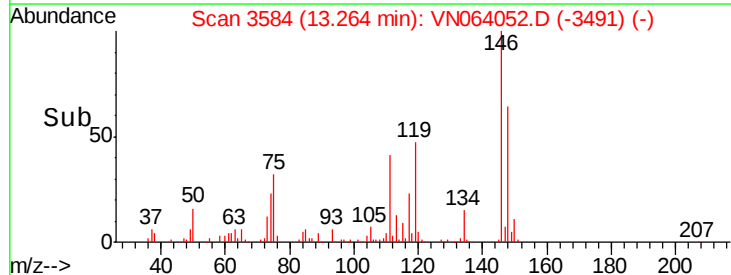
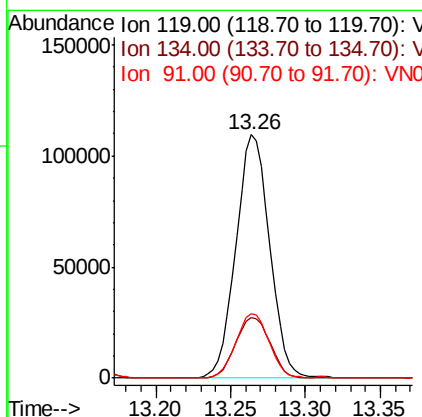
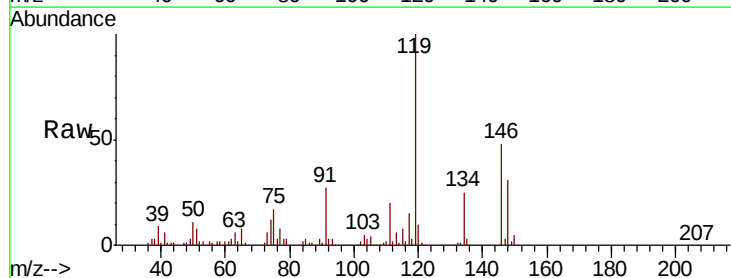
Instrument :
 MSVOA_N
 ClientSampled :
 VN1009WBS02

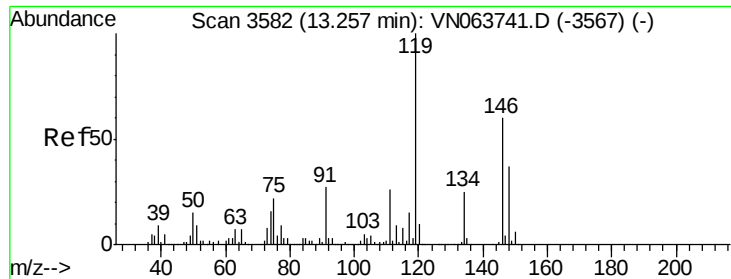
Tot Ion:105 Resp: 196498
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 18.355 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Tgt Ion:119 Resp: 172207
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 26.2 13.4 40.2





#87

1,3-Dichlorobenzene

Concen: 18.518 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS02

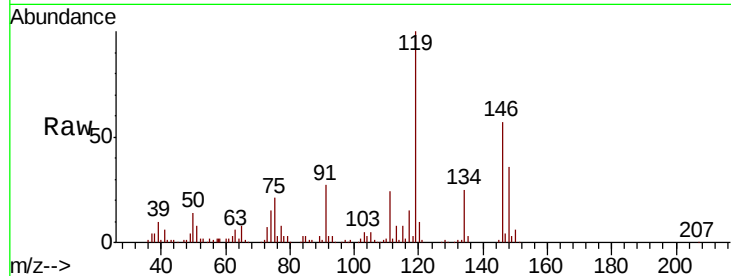
Tot Ion:146 Resp: 96724

Ion Ratio Lower Upper

146 100

111 44.0 21.5 64.5

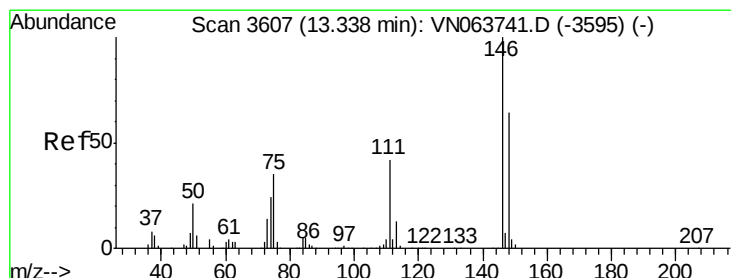
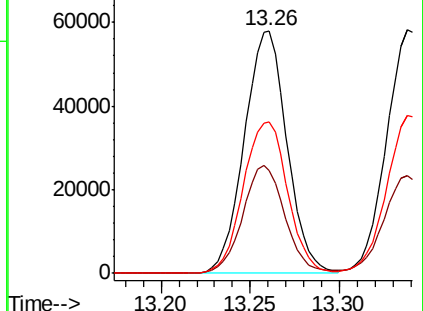
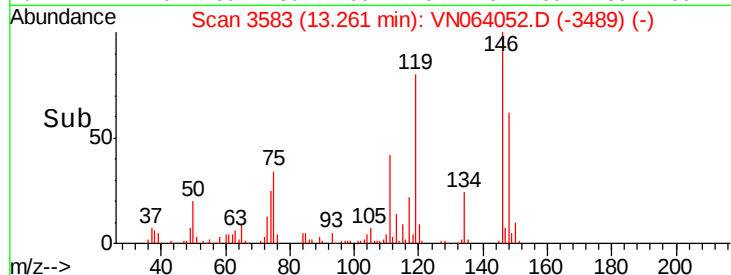
148 65.0 31.1 93.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.135 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

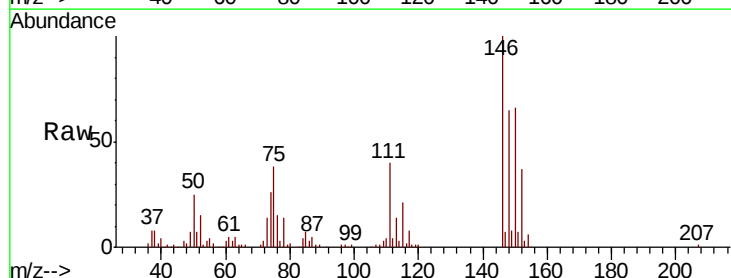
Tgt Ion:146 Resp: 98623

Ion Ratio Lower Upper

146 100

111 42.7 21.3 63.7

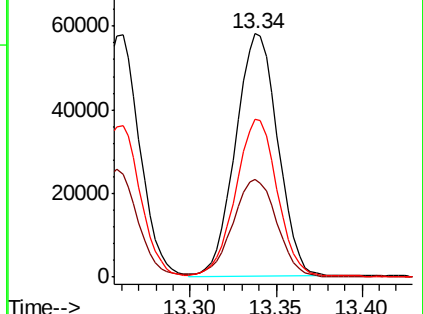
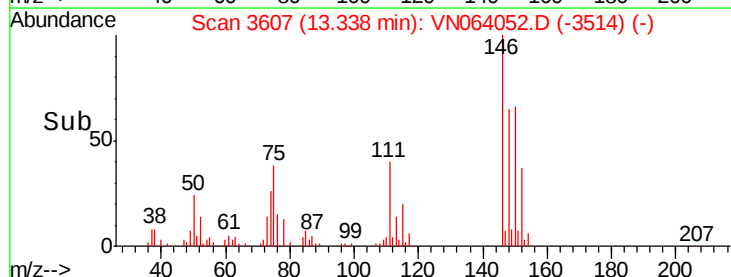
148 65.3 32.0 96.0

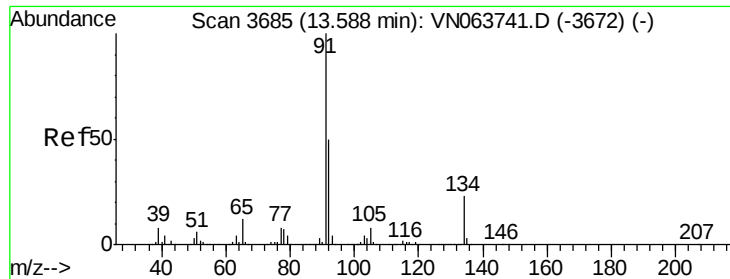


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 16.476 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN064052.D

Acq: 9 Oct 2020 22:25

Instrument :

MSVOA_N

ClientSampleId :

VN1009WBS02

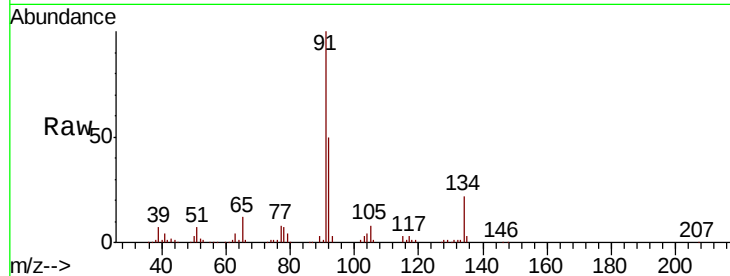
Tot Ion: 91 Resp: 142666

Ion Ratio Lower Upper

91 100

92 49.2 25.4 76.4

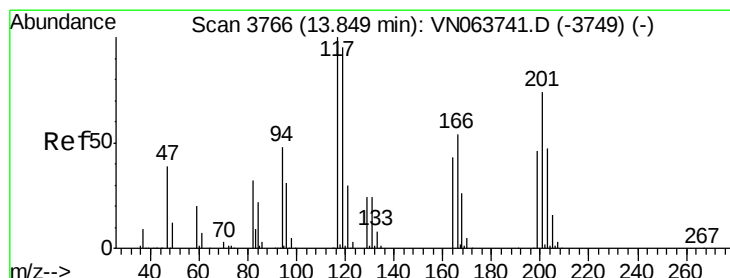
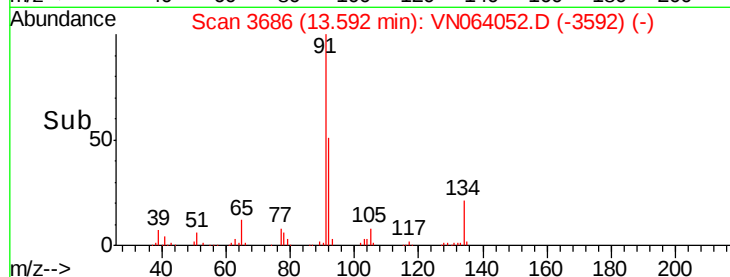
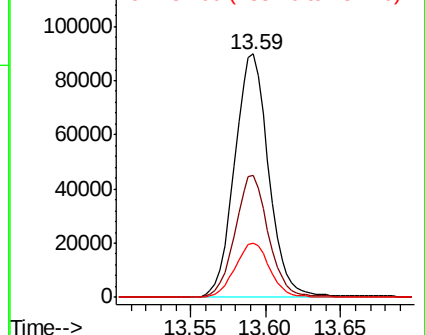
134 22.7 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3672) (-)

Ion 92.00 (91.70 to 92.70): VN063741.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN063741.D (-3672) (-)



#90

Hexachloroethane

Concen: 19.163 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064052.D

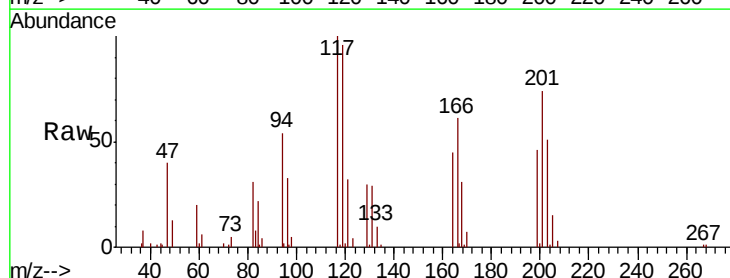
Acq: 9 Oct 2020 22:25

Tgt Ion: 117 Resp: 34839

Ion Ratio Lower Upper

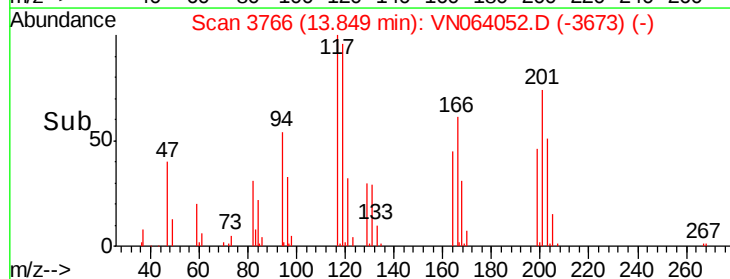
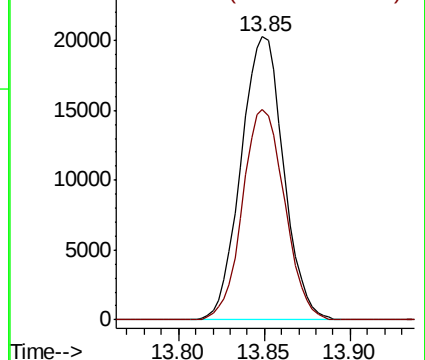
117 100

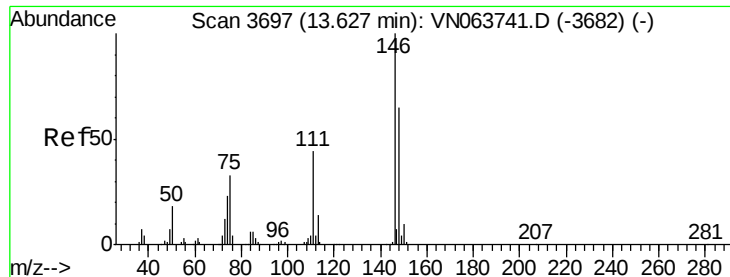
201 73.6 36.0 108.0



Abundance Ion 116.80 (116.50 to 117.50): VN063741.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN063741.D (-3749) (-)

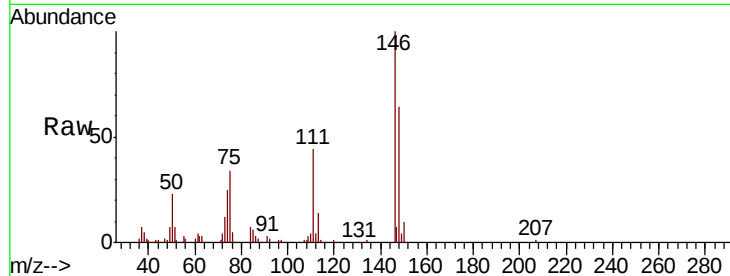




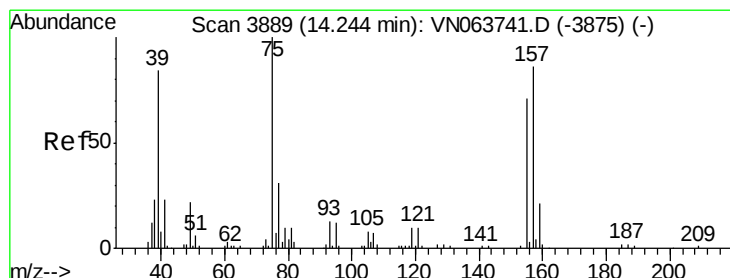
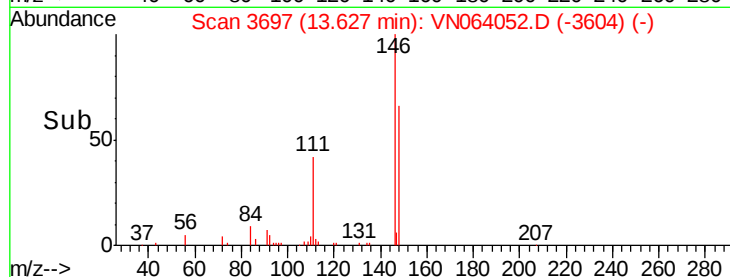
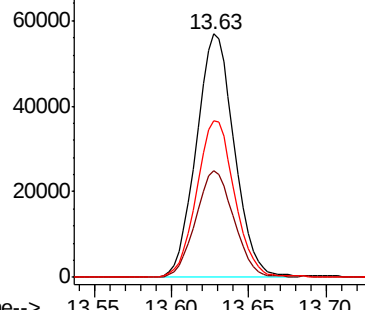
#91
 1,2-Dichlorobenzene
 Concen: 18.781 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS02

Tot Ion:146 Resp: 97162
 Ion Ratio Lower Upper
 146 100
 111 43.7 22.2 66.6
 148 64.5 32.5 97.4

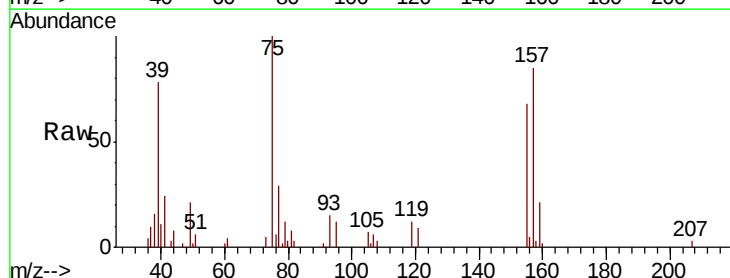


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

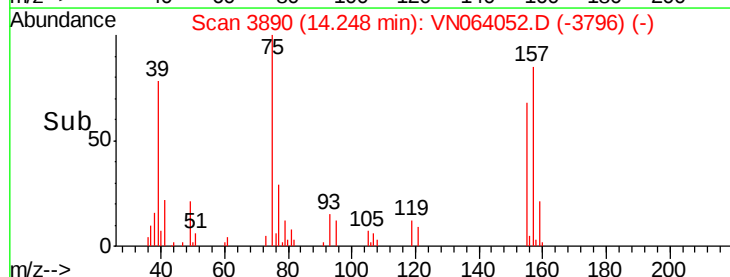
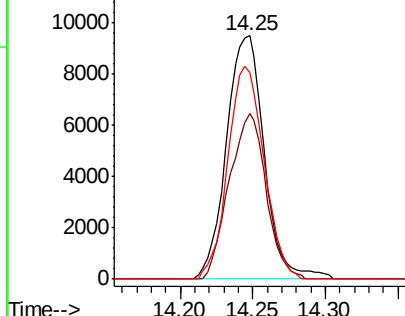


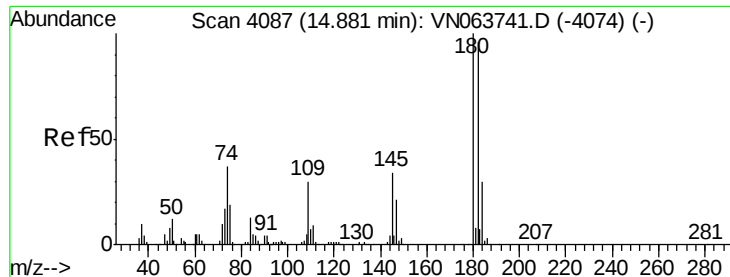
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.338 ug/l
 RT: 14.25 min Scan# 3890
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Tgt Ion: 75 Resp: 17161
 Ion Ratio Lower Upper
 75 100
 155 66.1 34.8 104.5
 157 83.7 43.7 131.1



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

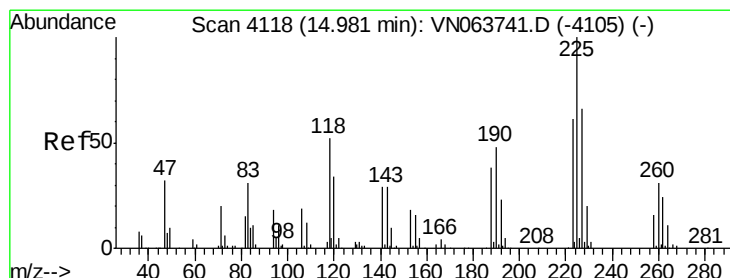
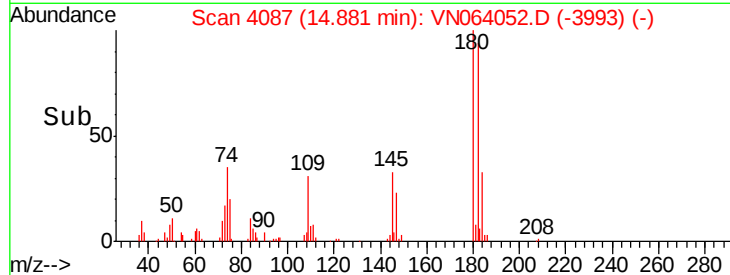
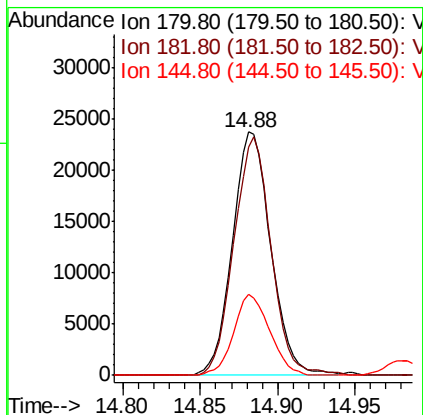
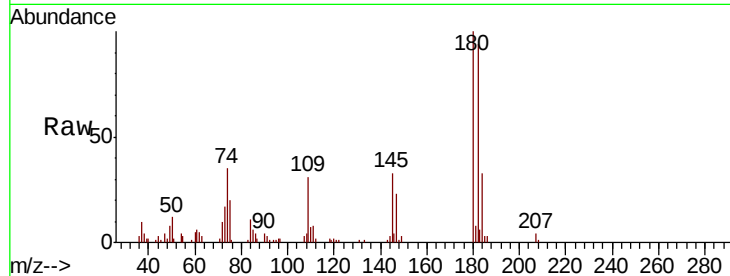




#93
 1,2,4-Trichlorobenzene
 Concen: 15.769 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

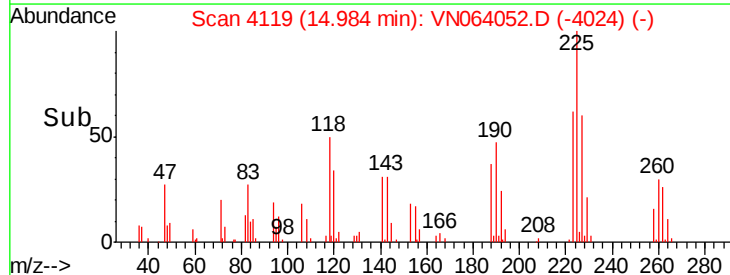
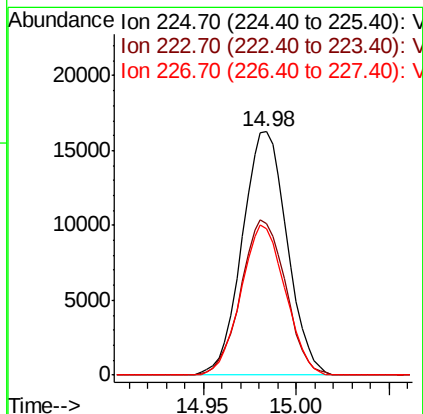
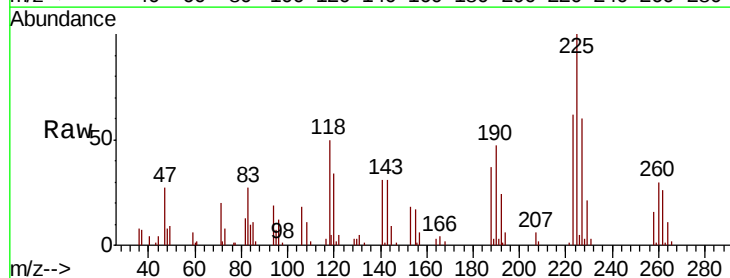
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBS02

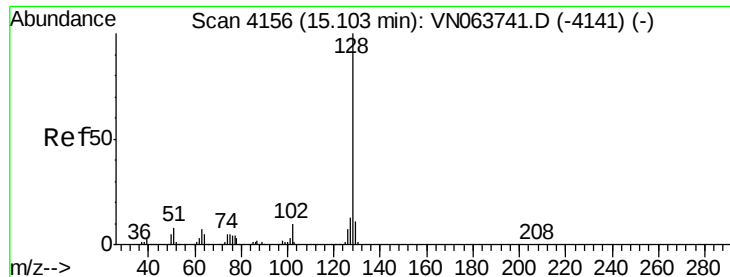
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.2	144.6
145	31.1	17.1	51.2



#94
 Hexachlorobutadiene
 Concen: 19.499 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064052.D
 Acq: 9 Oct 2020 22:25

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	30.3	91.0
227	60.7	31.9	95.5

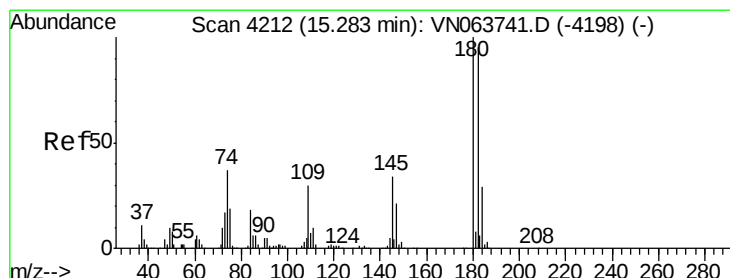
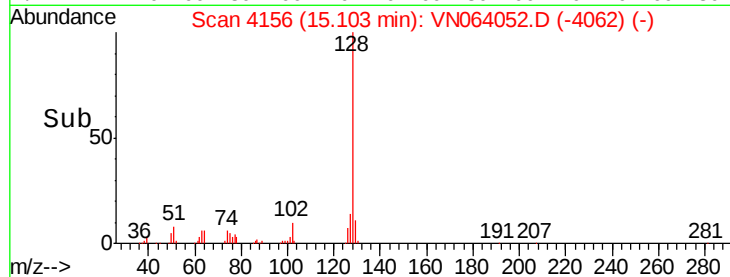
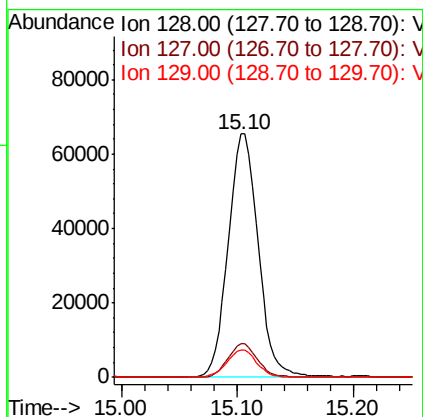
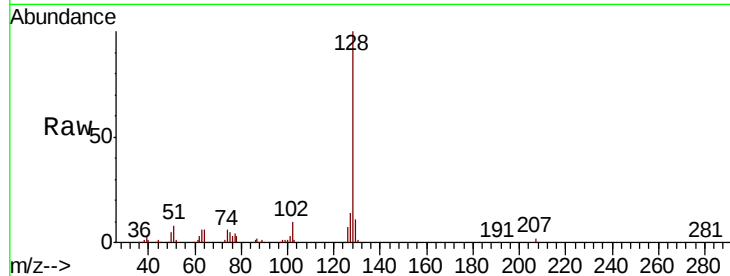




#95
Naphthalene
Concen: 14.859 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Instrument :
MSVOA_N
ClientSampleId :
VN1009WBS02

Tot Ion:128 Resp: 117092
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 16.374 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN064052.D
Acq: 9 Oct 2020 22:25

Tgt Ion:180 Resp: 41704
Ion Ratio Lower Upper
180 100
182 96.4 47.9 143.6
145 33.9 17.2 51.5

