

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110620\
 Data File : VN064482.D
 Acq On : 6 Nov 2020 14:41
 Operator : JC/MD
 Sample : VN1106WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

Quant Time: Nov 07 03:45:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	338579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	582915	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	553108	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	244752	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	314144	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
35) Dibromofluoromethane	7.55	113	219193	55.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.46%	
50) Toluene-d8	10.06	98	821511	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
62) 4-Bromofluorobenzene	12.38	95	300067	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	80104	18.175	ug/l	98
3) Chloromethane	2.04	50	92620	17.301	ug/l	96
4) Vinyl Chloride	2.17	62	97943	17.816	ug/l	99
5) Bromomethane	2.54	94	63501	18.081	ug/l	99
6) Chloroethane	2.68	64	63297	17.984	ug/l	100
7) Trichlorofluoromethane	2.99	101	152052	18.783	ug/l	100
8) Diethyl Ether	3.37	74	54087	18.920	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	73235	19.051	ug/l	98
10) Methyl Iodide	3.91	142	75322	16.863	ug/l	99
11) Tert butyl alcohol	4.74	59	58915	90.586	ug/l #	83
12) 1,1-Dichloroethene	3.69	96	64943	17.935	ug/l	97
13) Acrolein	3.57	56	27062	67.082	ug/l	92
14) Allyl chloride	4.27	41	124695	17.604	ug/l	97
15) Acrylonitrile	4.93	53	165757	91.542	ug/l	98
16) Acetone	3.78	43	205951	91.677	ug/l	97
17) Carbon Disulfide	4.01	76	196299	18.128	ug/l	98
18) Methyl Acetate	4.28	43	77727	17.599	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	227076	17.424	ug/l	99
20) Methylene Chloride	4.50	84	84343	18.923	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	70012	17.029	ug/l	96
22) Diisopropyl ether	5.91	45	267764	17.808	ug/l	99
23) Vinyl Acetate	5.85	43	1090010	89.111	ug/l	99
24) 1,1-Dichloroethane	5.80	63	151165	18.295	ug/l	99
25) 2-Butanone	6.79	43	258248	90.223	ug/l	99
26) 2,2-Dichloropropane	6.78	77	137385	18.368	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	85361	17.918	ug/l	98
28) Bromochloromethane	7.15	49	73525	18.104	ug/l	98
29) Tetrahydrofuran	7.17	42	152169	86.651	ug/l	99
30) Chloroform	7.33	83	160646	18.496	ug/l	98
31) Cyclohexane	7.61	56	122432	17.078	ug/l #	92
32) 1,1,1-Trichloroethane	7.53	97	141772	18.404	ug/l	99
36) 1,1-Dichloropropene	7.75	75	112902	18.334	ug/l	98
37) Ethyl Acetate	6.88	43	107002	17.621	ug/l	98
38) Carbon Tetrachloride	7.73	117	124650	18.940	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110620\
 Data File : VN064482.D
 Acq On : 6 Nov 2020 14:41
 Operator : JC/MD
 Sample : VN1106WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

Quant Time: Nov 07 03:45:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	100353	18.179	ug/l	93
40) Benzene	8.00	78	330222	18.249	ug/l	100
41) Methacrylonitrile	7.13	41	46489	17.028	ug/l	94
42) 1,2-Dichloroethane	8.08	62	138972	19.030	ug/l	97
43) Isopropyl Acetate	8.13	43	182756	18.313	ug/l	98
44) Trichloroethene	8.80	130	84940	18.605	ug/l	95
45) 1,2-Dichloropropane	9.08	63	91123	18.873	ug/l	100
46) Dibromomethane	9.17	93	60192	18.938	ug/l	97
47) Bromodichloromethane	9.37	83	130648	19.117	ug/l	98
48) Methyl methacrylate	9.17	41	90410	17.953	ug/l	99
49) 1,4-Dioxane	9.17	88	23518	354.569	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	541089	92.973	ug/l	99
52) Toluene	10.12	92	205335	18.605	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	134637	18.582	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	145801	18.821	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	80907	18.797	ug/l	98
56) Ethyl methacrylate	10.40	69	110197	16.829	ug/l	97
57) 1,3-Dichloropropane	10.68	76	142510	18.968	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	297196	102.700	ug/l	99
59) 2-Hexanone	10.72	43	396291	86.187	ug/l	99
60) Dibromochloromethane	10.87	129	92996	19.297	ug/l	99
61) 1,2-Dibromoethane	10.97	107	85440	19.570	ug/l	96
64) Tetrachloroethene	10.60	164	79628	18.689	ug/l	96
65) Chlorobenzene	11.41	112	219106	18.070	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	84558	18.693	ug/l	98
67) Ethyl Benzene	11.48	91	388909	18.032	ug/l	100
68) m/p-Xylenes	11.59	106	284360	36.355	ug/l	96
69) o-Xylene	11.92	106	134999	17.861	ug/l	98
70) Styrene	11.94	104	230299	18.107	ug/l	99
71) Bromoform	12.10	173	56847	17.585	ug/l #	99
73) Isopropylbenzene	12.22	105	352817	18.136	ug/l	100
74) N-amyl acetate	12.05	43	151745	16.907	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	110410	18.478	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	152167	25.660	ug/l #	100
77) Bromobenzene	12.50	156	87904	18.508	ug/l	99
78) n-propylbenzene	12.57	91	415278	18.724	ug/l	99
79) 2-Chlorotoluene	12.65	91	260528	18.521	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	302891	18.873	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	37629	17.717	ug/l	94
82) 4-Chlorotoluene	12.75	91	280225	19.022	ug/l	99
83) tert-Butylbenzene	12.97	119	233415	18.622	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	305395	18.929	ug/l	99
85) sec-Butylbenzene	13.14	105	307462	19.369	ug/l	100
86) p-Isopropyltoluene	13.26	119	270691	18.958	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	151857	18.496	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	156912	18.494	ug/l	99
89) n-Butylbenzene	13.59	91	237445	19.341	ug/l	99
90) Hexachloroethane	13.85	117	52402	19.025	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	153556	19.444	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22776	19.145	ug/l	94

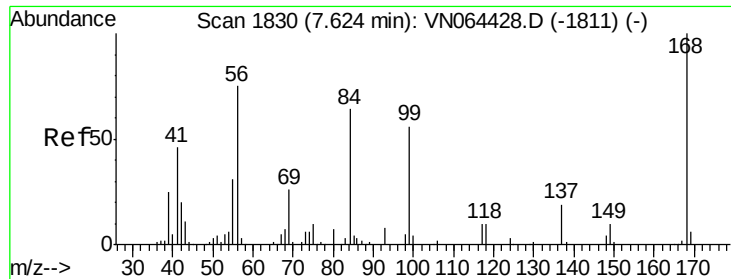
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110620\
Data File : VN064482.D
Acq On : 6 Nov 2020 14:41
Operator : JC/MD
Sample : VN1106WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

Quant Time: Nov 07 03:45:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	61717	17.541	ug/l	99
94) Hexachlorobutadiene	14.98	225	34045	21.174	ug/l	99
95) Naphthalene	15.10	128	181346	16.153	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	60887	17.910	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

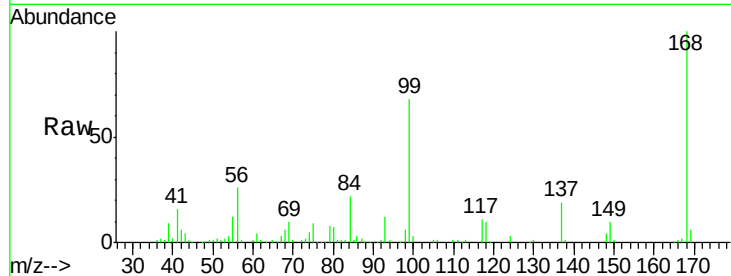
VN1106WBS01

Tot Ion:168 Resp: 338579

Ion Ratio Lower Upper

168 100

99 67.2 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

150000

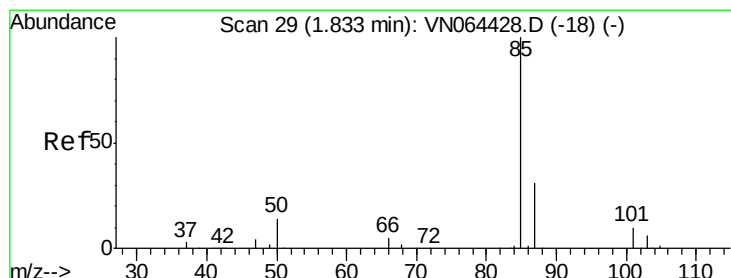
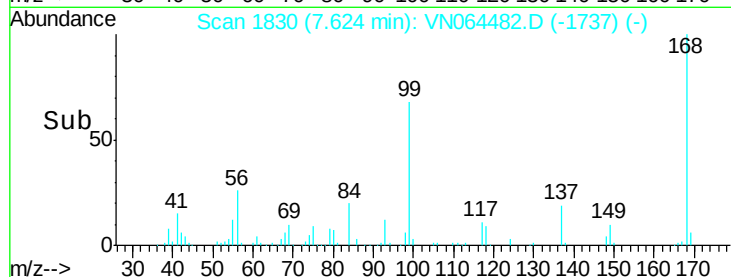
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.175 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN064482.D

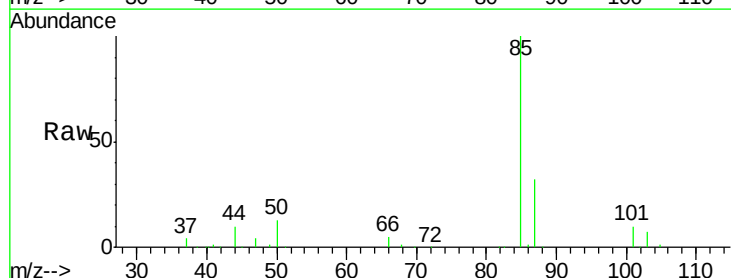
Acq: 6 Nov 2020 14:41

Tgt Ion: 85 Resp: 80104

Ion Ratio Lower Upper

85 100

87 32.3 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.84

60000

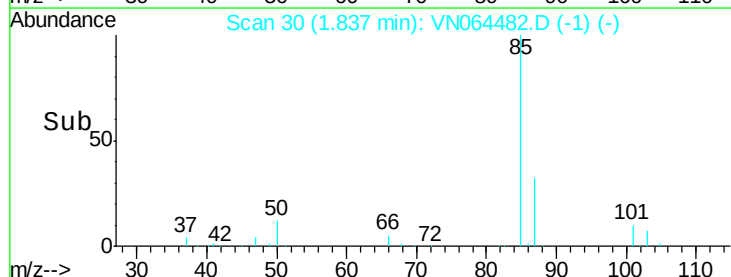
40000

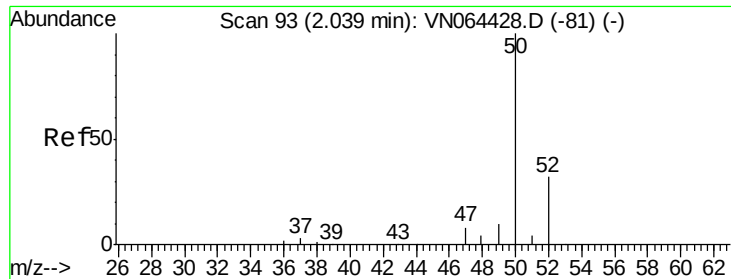
20000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 17.301 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

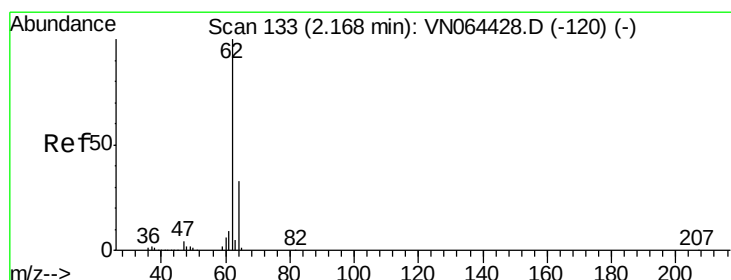
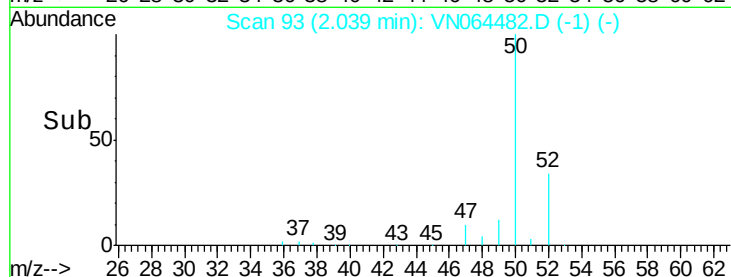
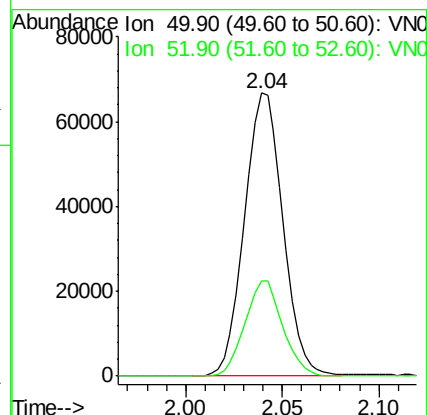
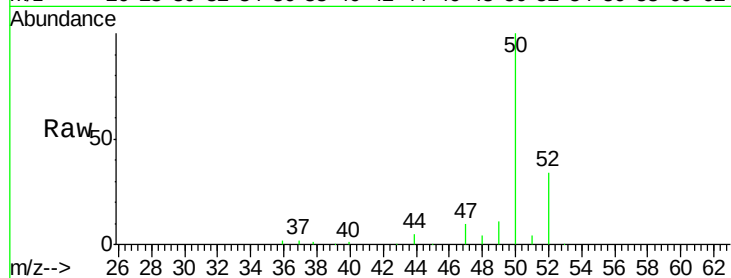
VN1106WBS01

Tot Ion: 50 Resp: 92620

Ion Ratio Lower Upper

50 100

52 33.8 25.3 37.9



#4

Vinyl Chloride

Concen: 17.816 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064482.D

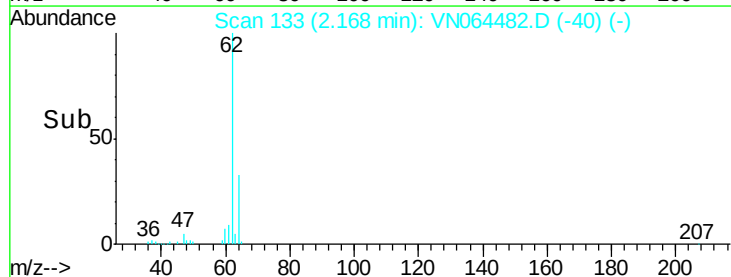
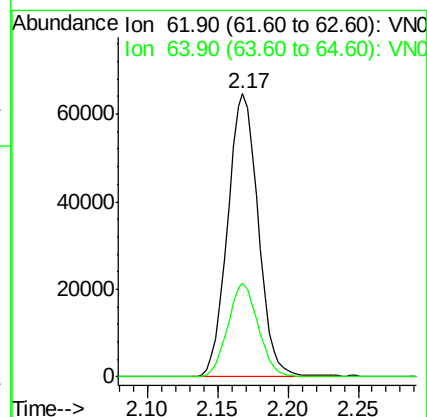
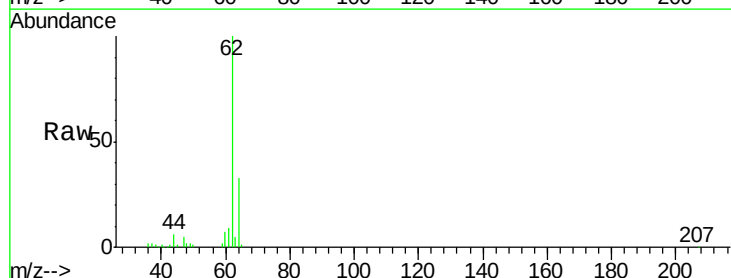
Acq: 6 Nov 2020 14:41

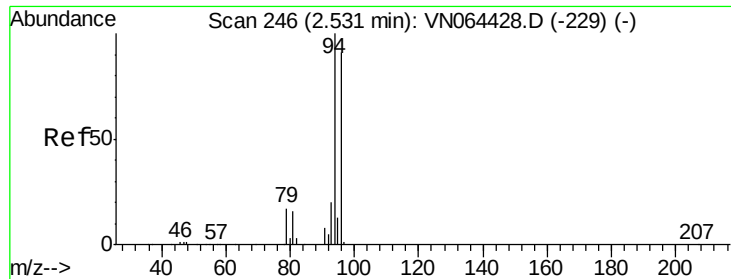
Tgt Ion: 62 Resp: 97943

Ion Ratio Lower Upper

62 100

64 33.2 26.3 39.5





#5

Bromomethane

Concen: 18.081 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

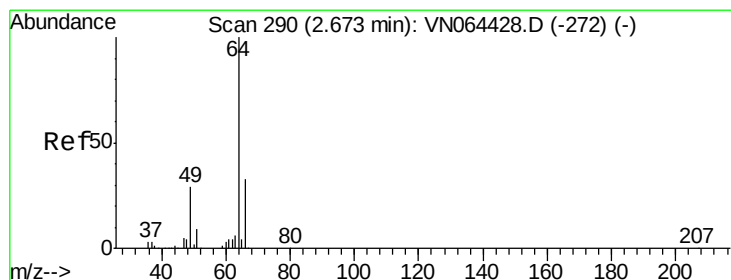
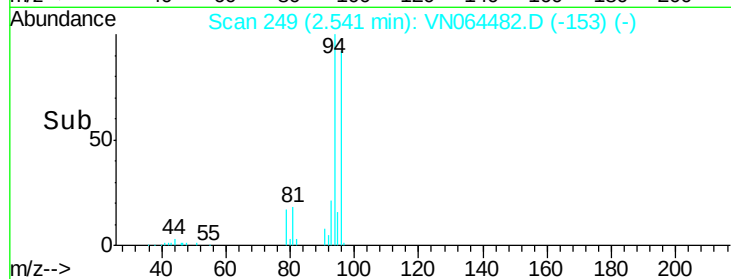
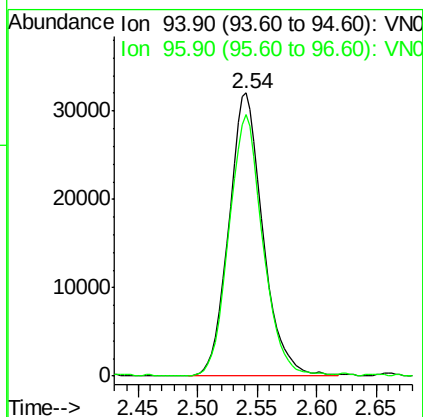
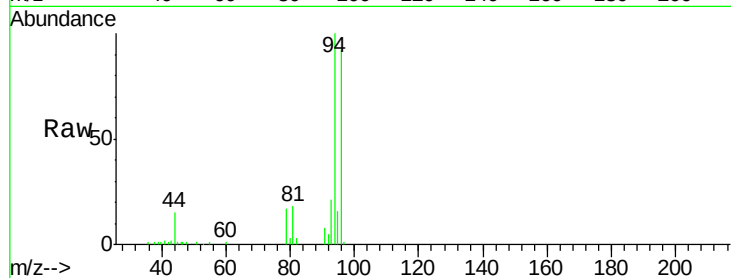
VN1106WBS01

Tot Ion: 94 Resp: 63501

Ion Ratio Lower Upper

94 100

96 92.3 73.1 109.7



#6

Chloroethane

Concen: 17.984 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN064482.D

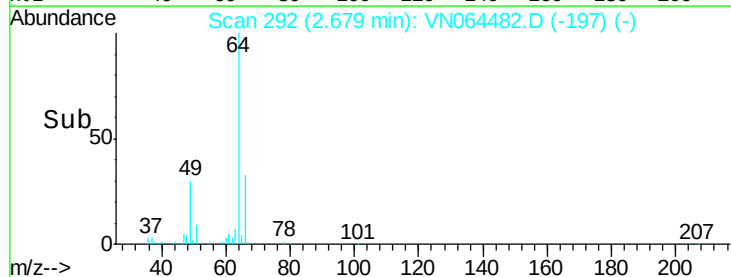
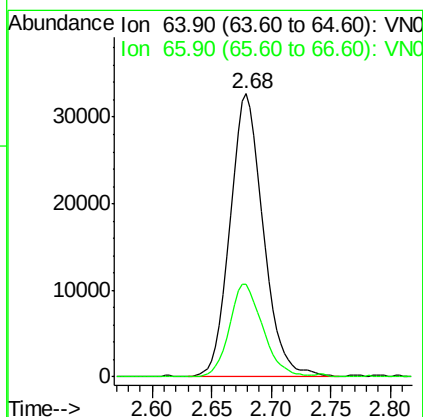
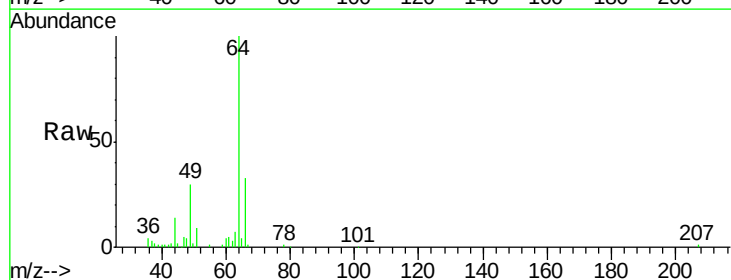
Acq: 6 Nov 2020 14:41

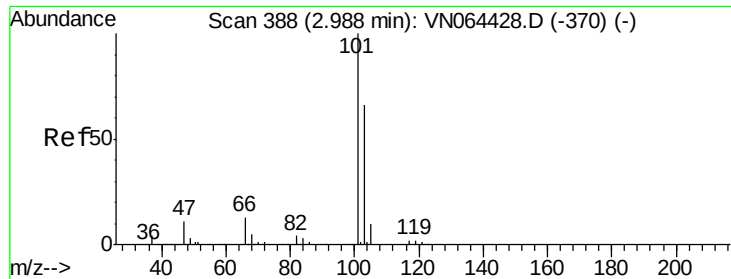
Tgt Ion: 64 Resp: 63297

Ion Ratio Lower Upper

64 100

66 32.7 26.1 39.1



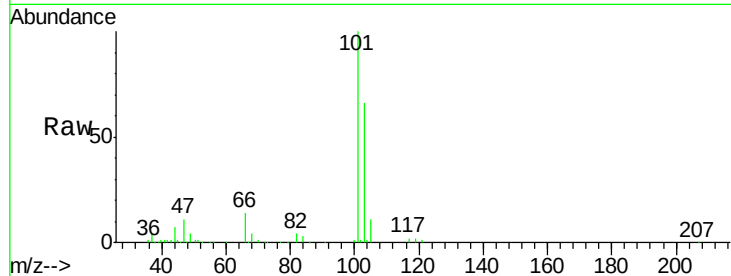


#7

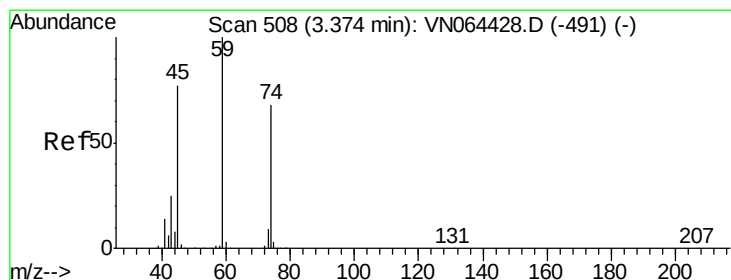
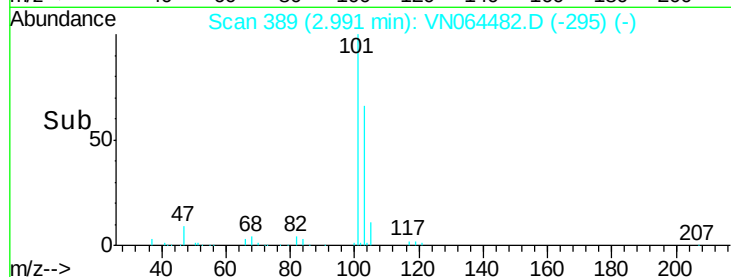
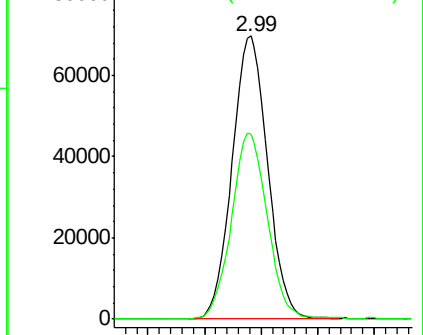
Trichlorofluoromethane
 Concen: 18.783 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN064482.D
 Acq: 6 Nov 2020 14:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

Tot Ion:101 Resp: 152052
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.4 78.6



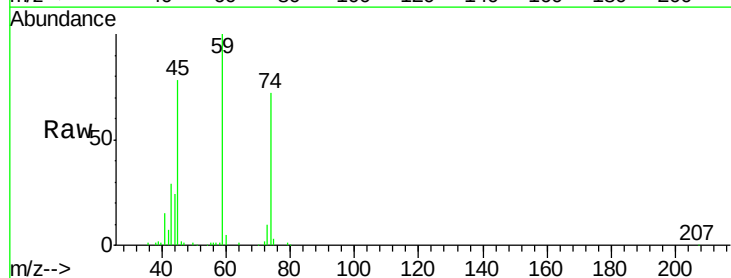
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



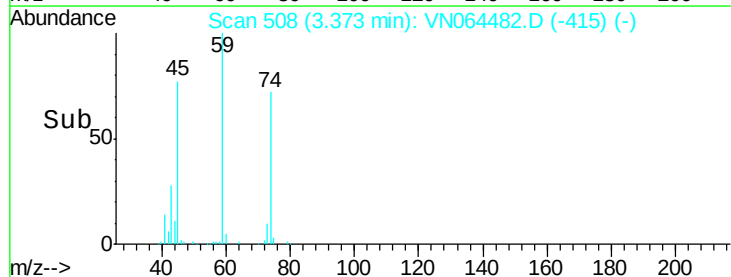
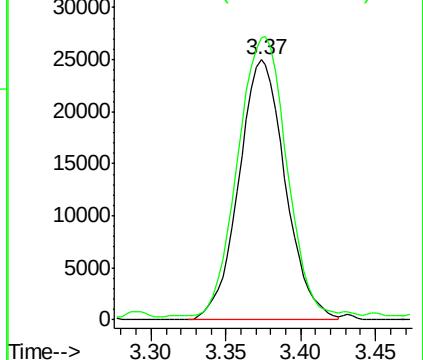
#8

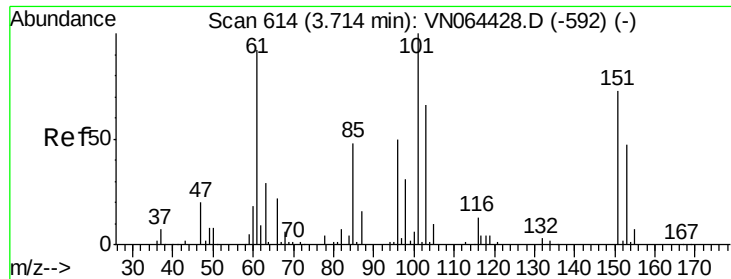
Diethyl Ether
 Concen: 18.920 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064482.D
 Acq: 6 Nov 2020 14:41

Tgt Ion: 74 Resp: 54087
 Ion Ratio Lower Upper
 74 100
 45 112.6 55.9 167.6



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.051 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS01

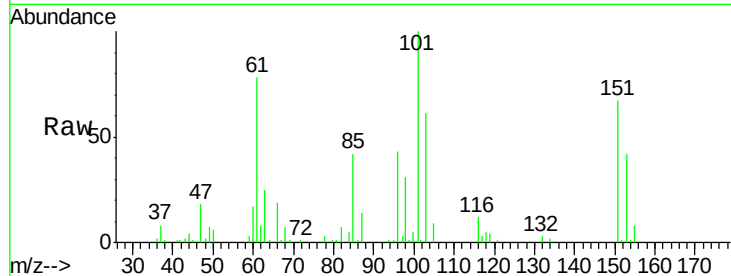
Tot Ion:101 Resp: 73235

Ion Ratio Lower Upper

101 100

85 45.5 38.6 57.8

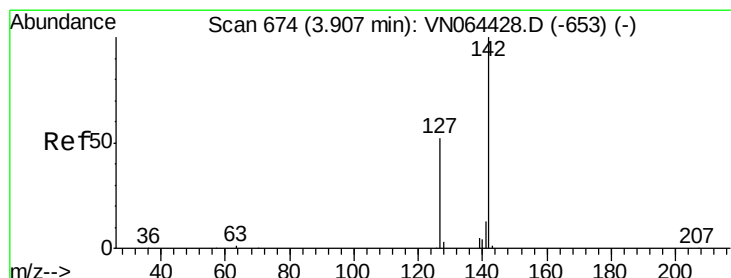
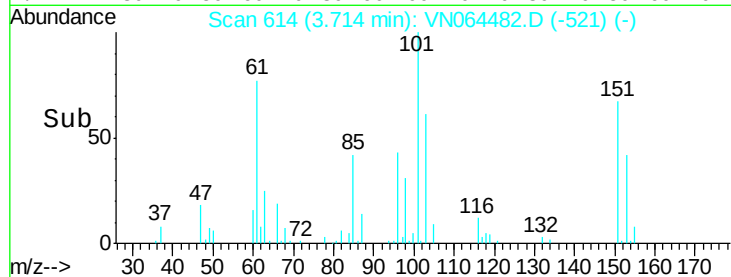
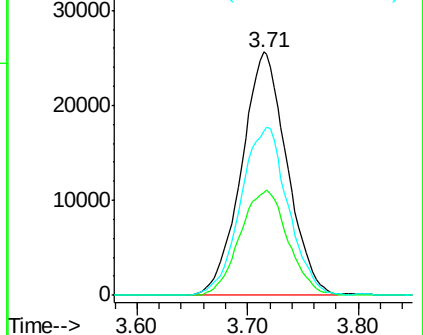
151 72.0 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.863 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

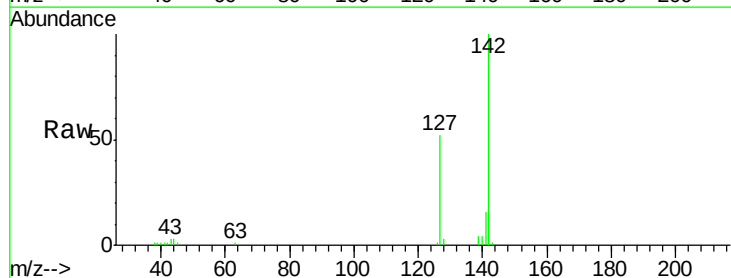
Tgt Ion:142 Resp: 75322

Ion Ratio Lower Upper

142 100

127 52.3 41.8 62.8

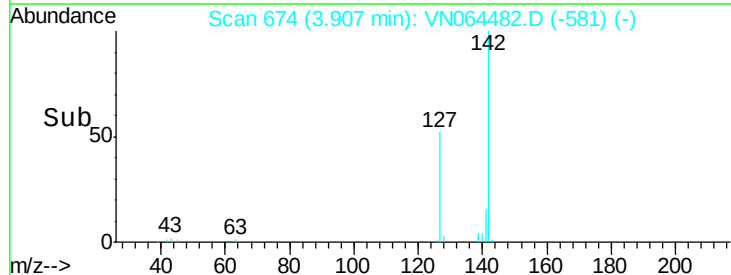
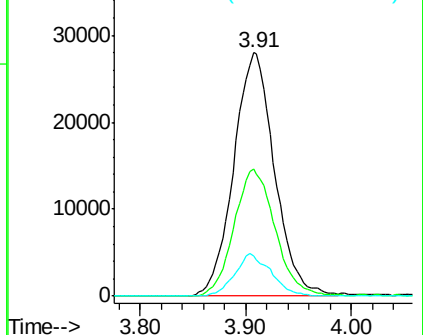
141 15.4 11.4 17.2

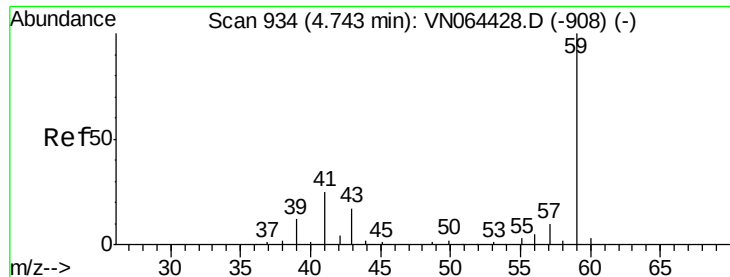


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 90.586 ug/l

RT: 4.74 min Scan# 934

Delta R.T. -0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

Instrument :

MSVOA_N

ClientSampled :

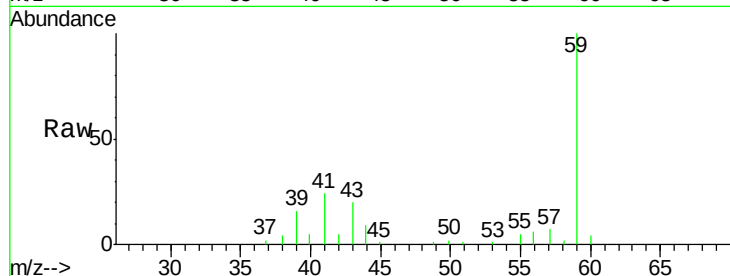
VN1106WBS01

Tot Ion: 59 Resp: 58915

Ion Ratio Lower Upper

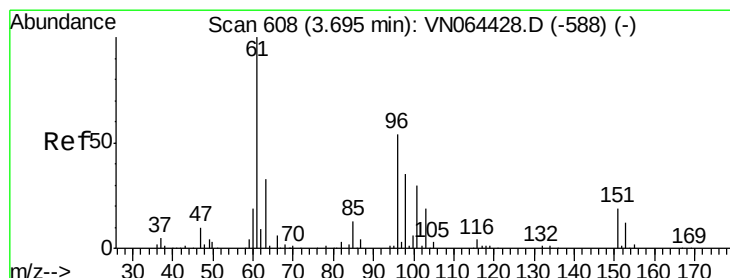
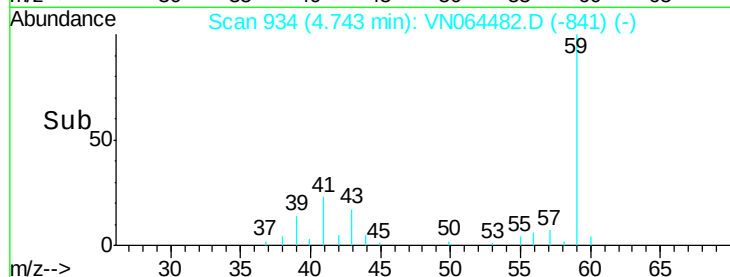
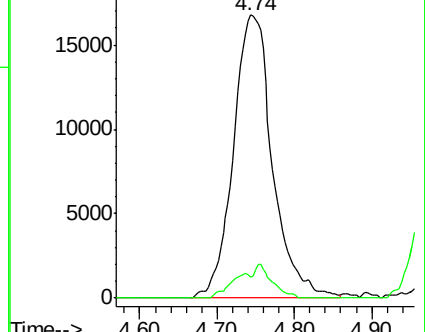
59 100

57 4.6 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 17.935 ug/l

RT: 3.69 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

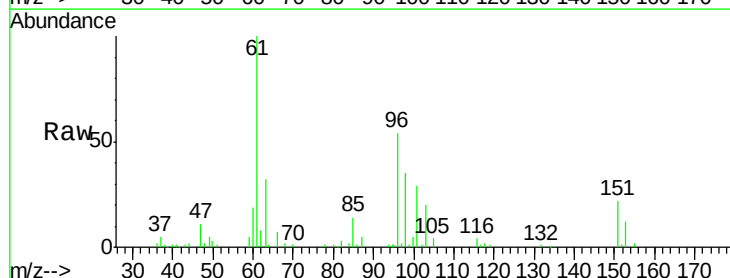
Tgt Ion: 96 Resp: 64943

Ion Ratio Lower Upper

96 100

61 182.7 149.5 224.3

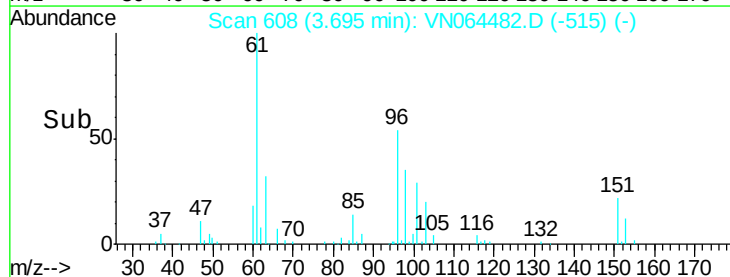
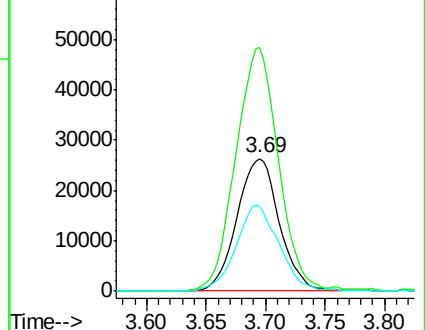
98 63.9 52.4 78.6

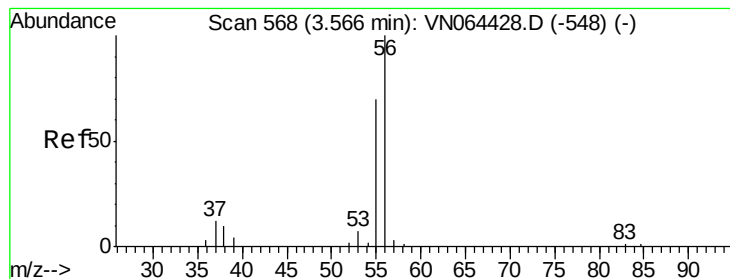


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 67.082 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

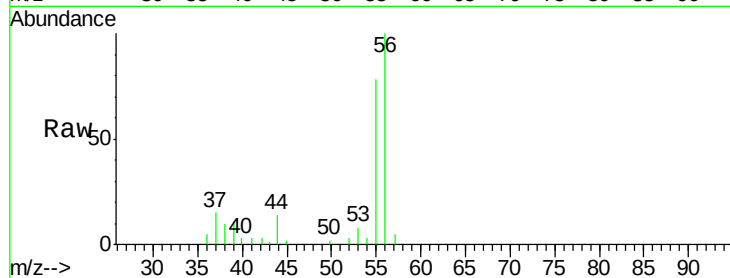
VN1106WBS01

Tot Ion: 56 Resp: 27062

Ion Ratio Lower Upper

56 100

55 76.3 55.9 83.9

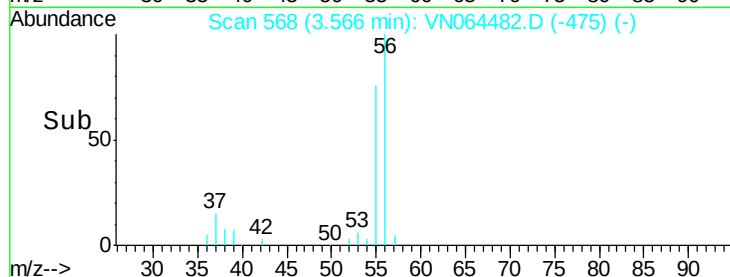


Abundance Ion 56.00 (55.70 to 56.70): VN064482.D (-548) (-)

Ion 55.00 (54.70 to 55.70): VN064482.D (-548) (-)

3.57

Time-->



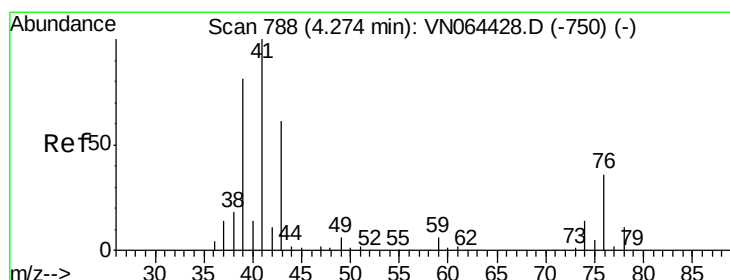
Abundance

Ion 56.00 (55.70 to 56.70): VN064482.D (-475) (-)

Ion 55.00 (54.70 to 55.70): VN064482.D (-475) (-)

3.57

Time-->



#14

Allyl chloride

Concen: 17.604 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

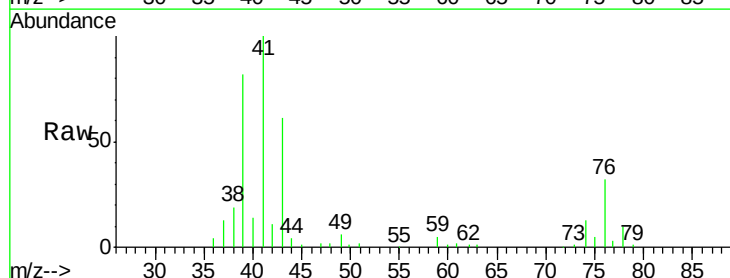
Tgt Ion: 41 Resp: 124695

Ion Ratio Lower Upper

41 100

39 80.8 61.8 92.8

76 31.0 25.4 38.0



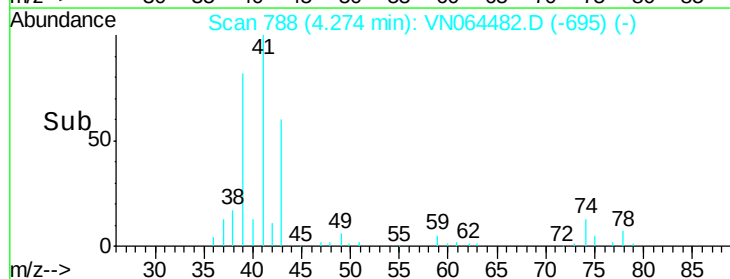
Abundance Ion 41.00 (40.70 to 41.70): VN064482.D (-750) (-)

Ion 39.00 (38.70 to 39.70): VN064482.D (-750) (-)

Ion 75.90 (75.60 to 76.60): VN064482.D (-750) (-)

4.27

Time-->



Abundance

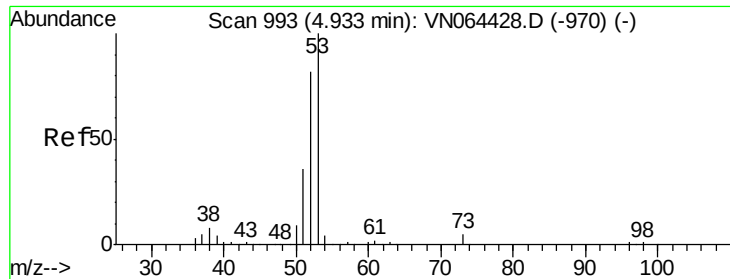
Ion 41.00 (40.70 to 41.70): VN064482.D (-695) (-)

Ion 39.00 (38.70 to 39.70): VN064482.D (-695) (-)

Ion 75.90 (75.60 to 76.60): VN064482.D (-695) (-)

4.27

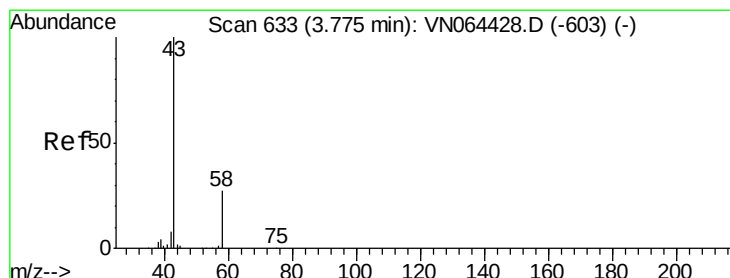
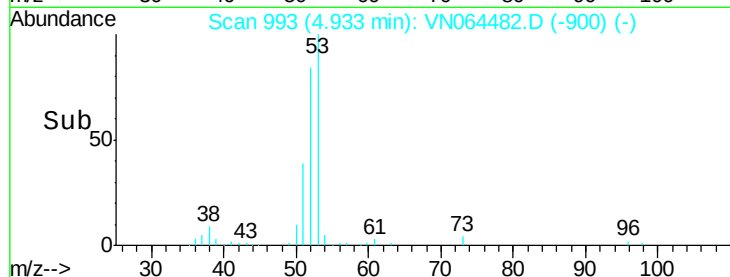
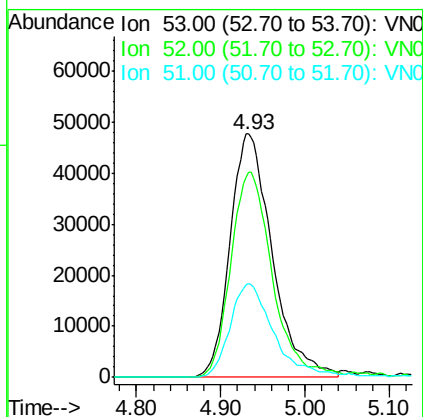
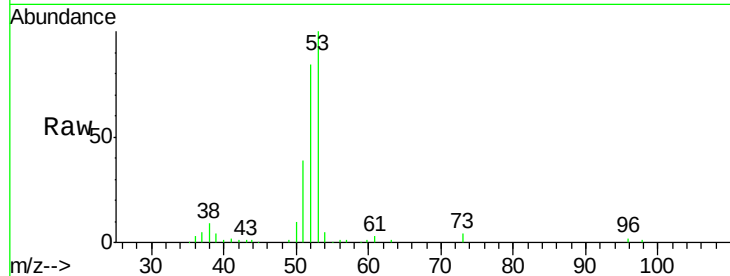
Time-->



#15
 Acrylonitrile
 Concen: 91.542 ug/l
 RT: 4.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VN064482.D
 Acq: 6 Nov 2020 14:41

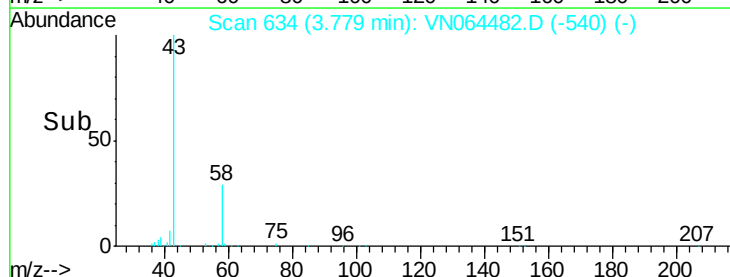
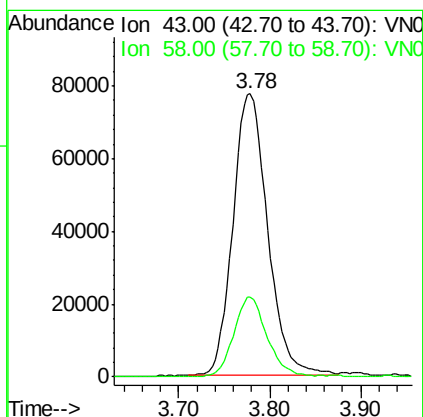
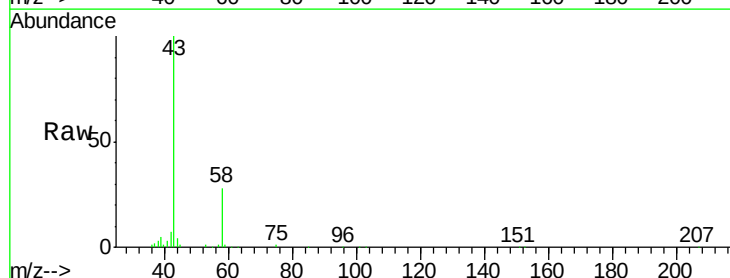
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

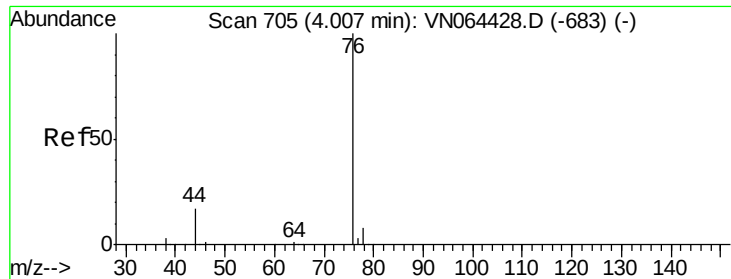
Tot Ion: 53 Resp: 165757
 Ion Ratio Lower Upper
 53 100
 52 82.9 65.6 98.4
 51 39.4 29.9 44.9



#16
 Acetone
 Concen: 91.677 ug/l
 RT: 3.78 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VN064482.D
 Acq: 6 Nov 2020 14:41

Tgt Ion: 43 Resp: 205951
 Ion Ratio Lower Upper
 43 100
 58 28.5 21.4 32.0





#17

Carbon Disulfide

Concen: 18.128 ug/l

RT: 4.01 min Scan# 705

Delta R.T. -0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

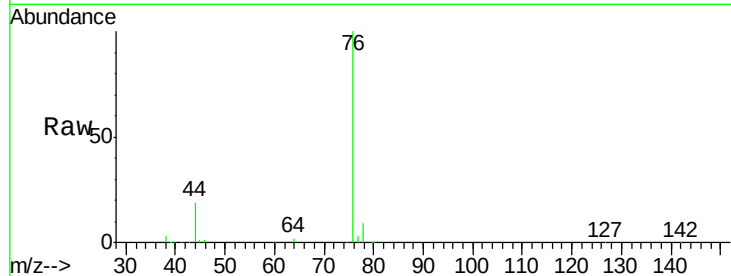
VN1106WBS01

Tot Ion: 76 Resp: 196299

Ion Ratio Lower Upper

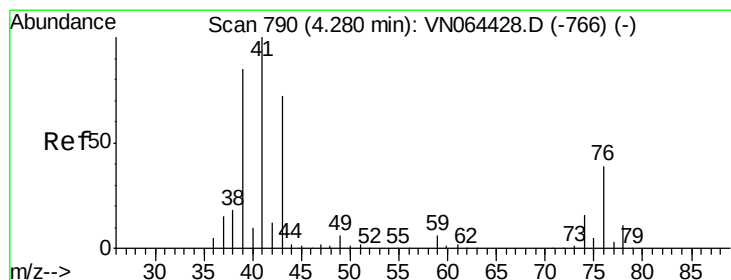
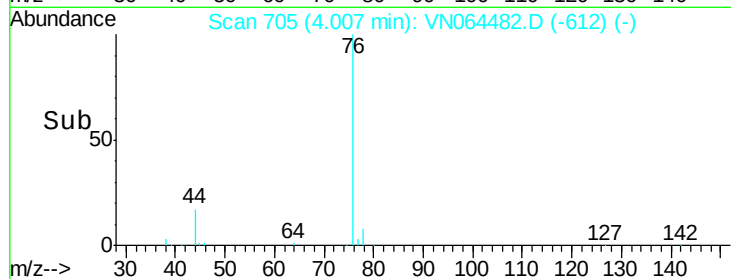
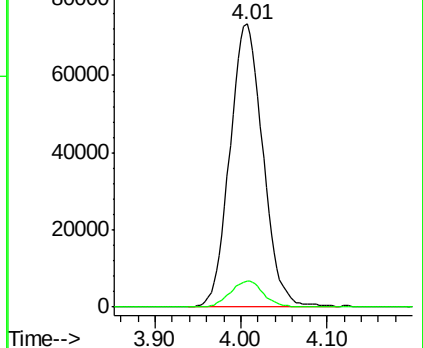
76 100

78 9.3 6.8 10.2



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 17.599 ug/l

RT: 4.28 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN064482.D

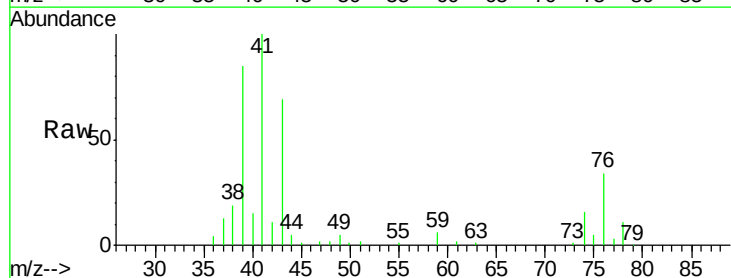
Acq: 6 Nov 2020 14:41

Tgt Ion: 43 Resp: 77727

Ion Ratio Lower Upper

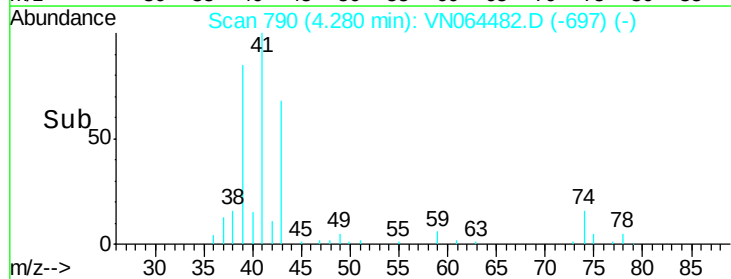
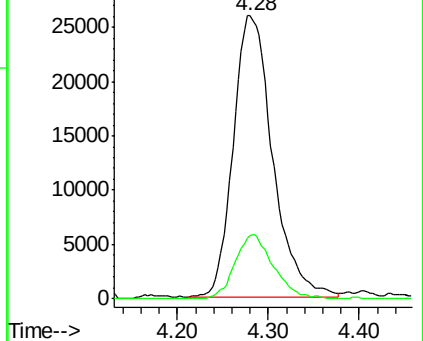
43 100

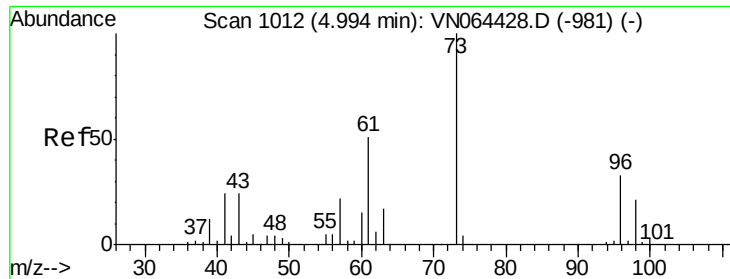
74 22.2 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

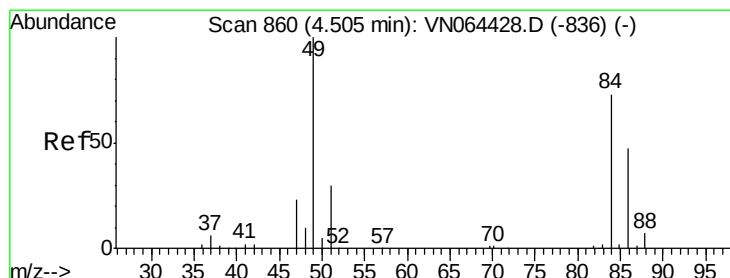
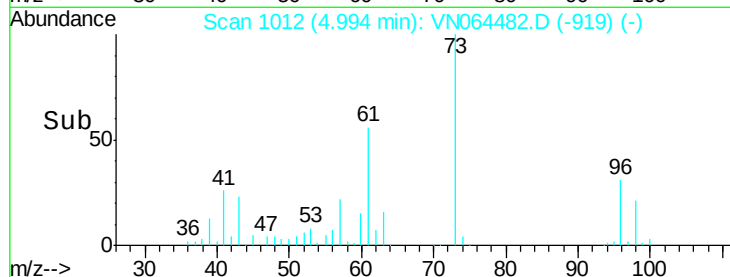
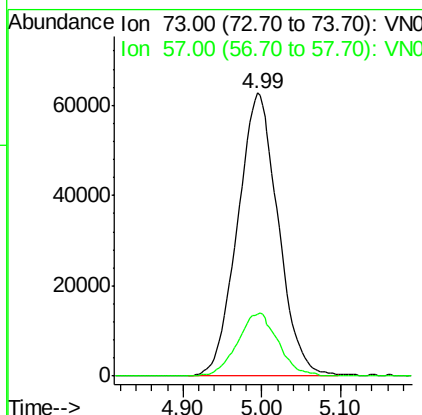
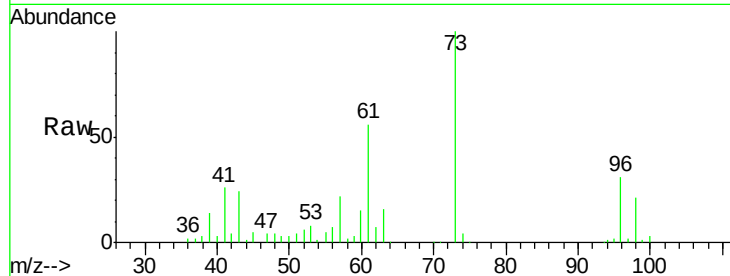




#19
Methvl tert-butyl Ether
Concen: 17.424 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064482.D
Acq: 6 Nov 2020 14:41

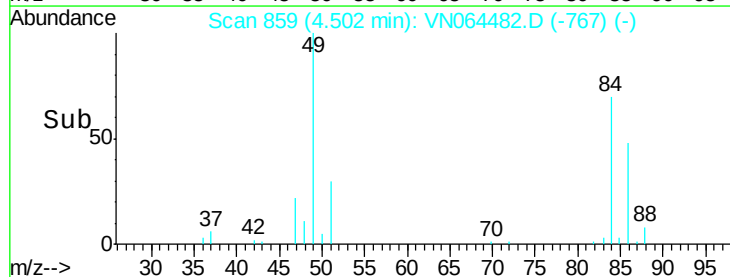
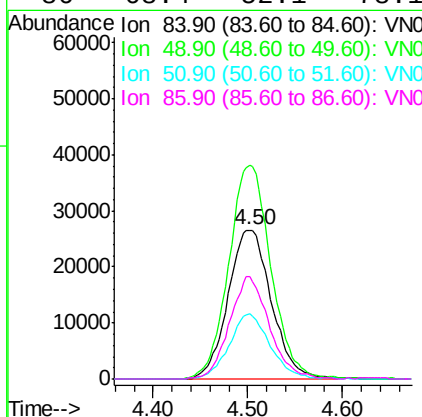
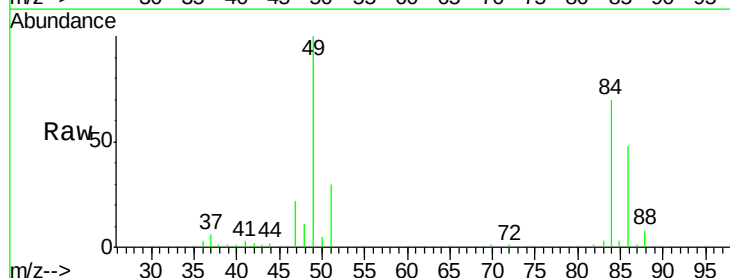
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

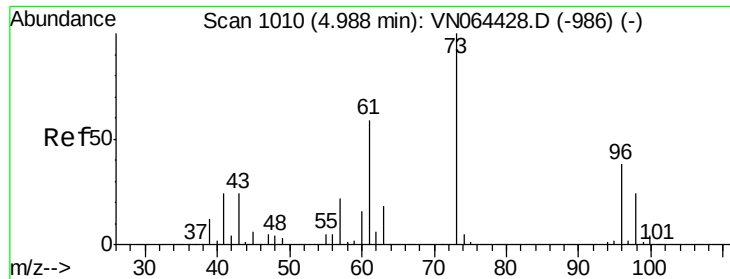
Tot Ion: 73 Resp: 227076
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5



#20
Methylene Chloride
Concen: 18.923 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064482.D
Acq: 6 Nov 2020 14:41

Tgt Ion: 84 Resp: 84343
Ion Ratio Lower Upper
84 100
49 142.7 110.1 165.1
51 43.5 33.6 50.4
86 68.4 52.1 78.1

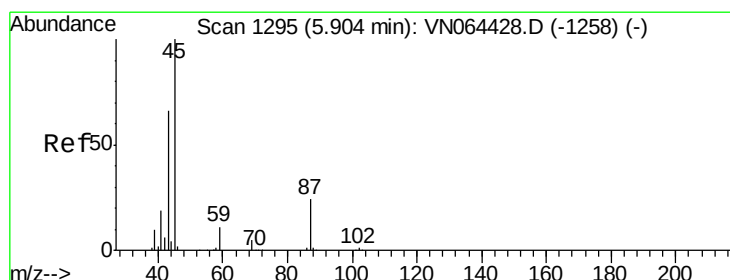
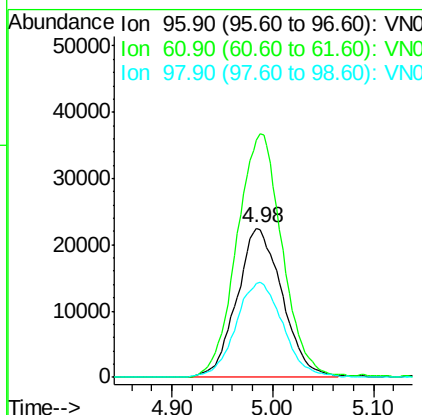
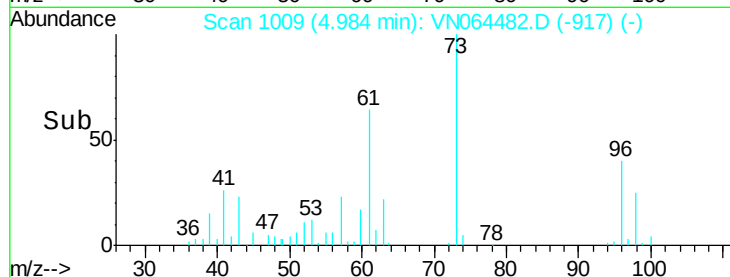
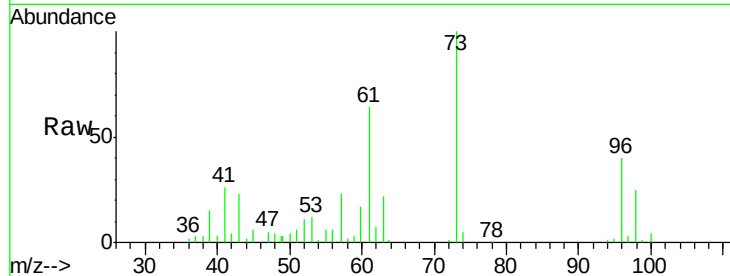




#21
trans-1,2-Dichloroethene
Concen: 17.029 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN064482.D
Acq: 6 Nov 2020 14:41

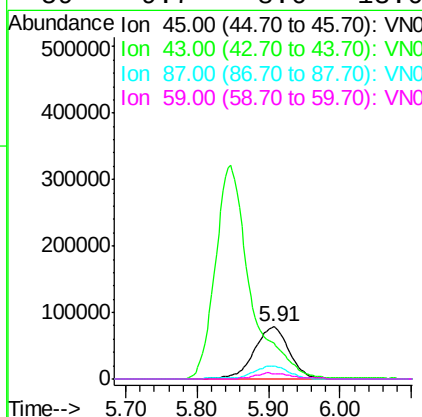
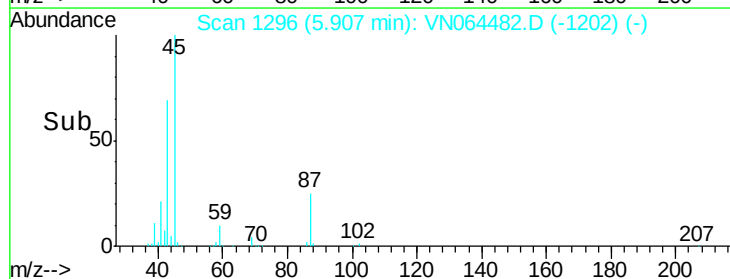
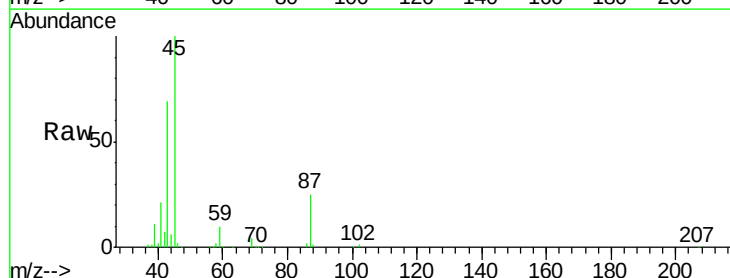
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

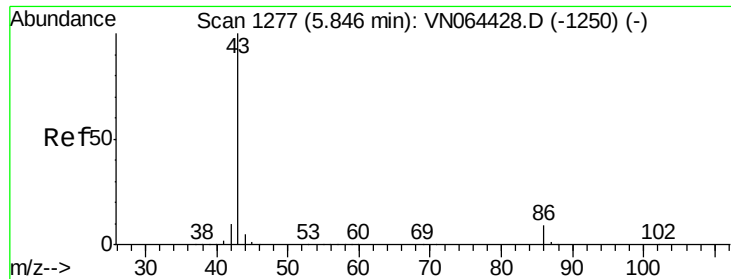
Tot Ion: 96 Resp: 70012
Ion Ratio Lower Upper
96 100
61 159.3 122.4 183.6
98 62.5 50.4 75.6



#22
Diisopropyl ether
Concen: 17.808 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN064482.D
Acq: 6 Nov 2020 14:41

Tgt Ion: 45 Resp: 267764
Ion Ratio Lower Upper
45 100
43 66.4 53.2 79.8
87 24.1 19.9 29.9
59 9.7 8.6 13.0





#23

Vinyl Acetate

Concen: 89.111 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

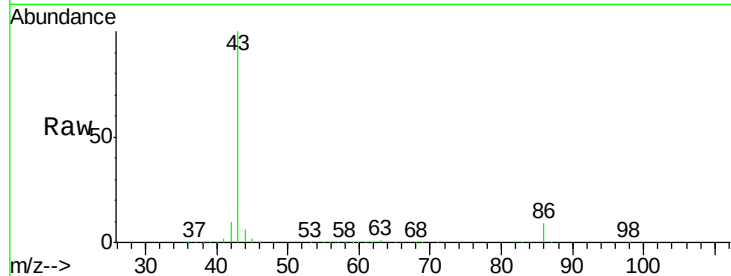
VN1106WBS01

Tot Ion: 43 Resp: 1090010

Ion Ratio Lower Upper

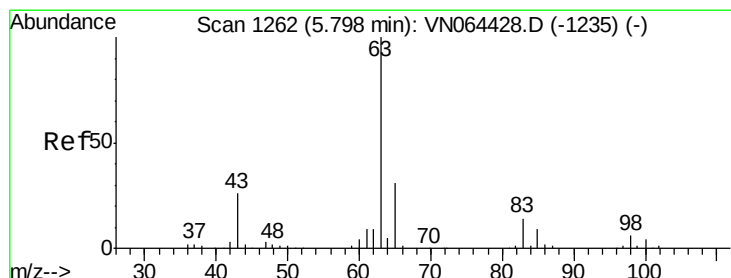
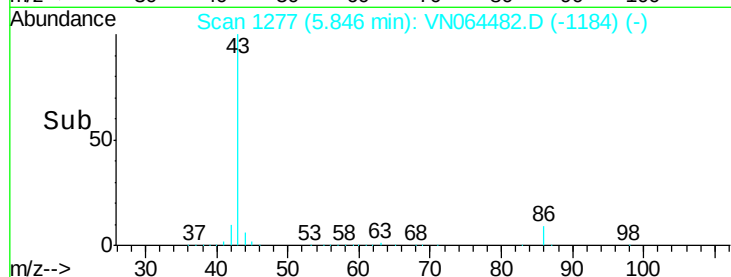
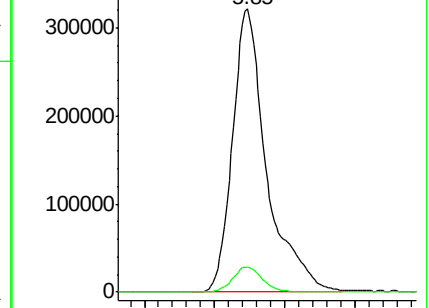
43 100

86 8.7 6.8 10.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 18.295 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

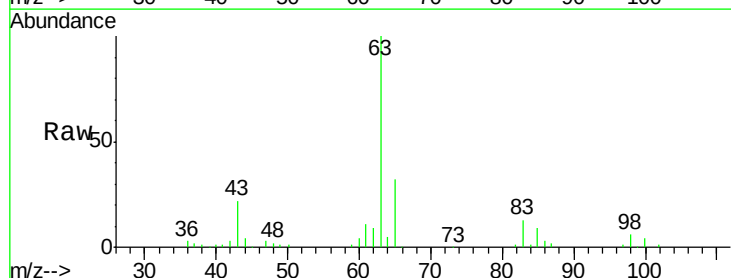
Tgt Ion: 63 Resp: 151165

Ion Ratio Lower Upper

63 100

98 5.8 3.0 9.2

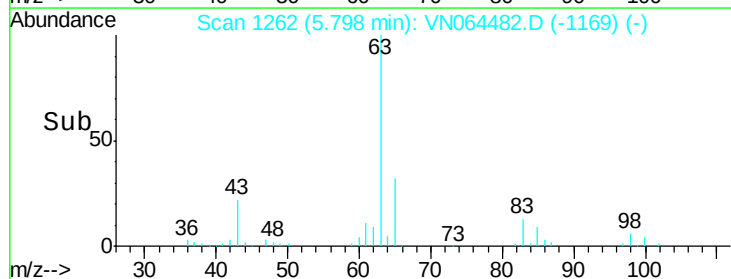
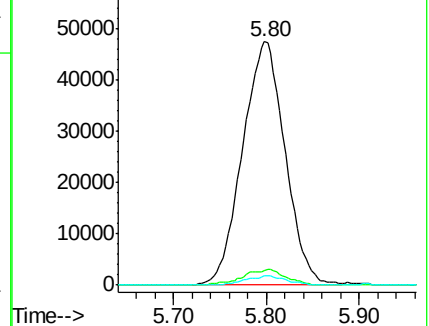
100 3.9 1.8 5.3

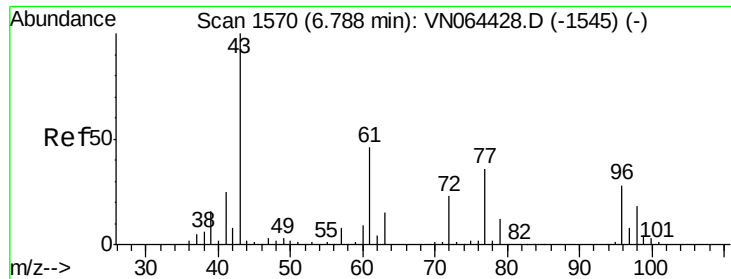


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

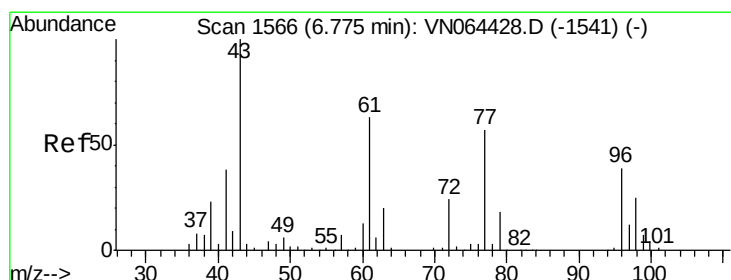
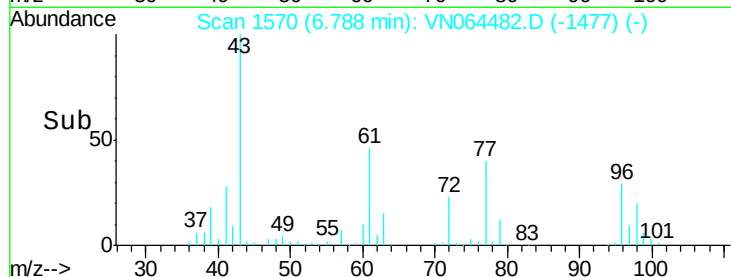
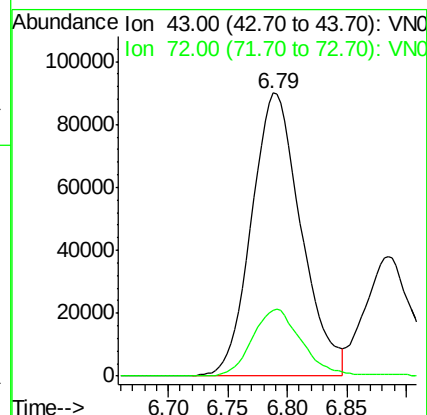
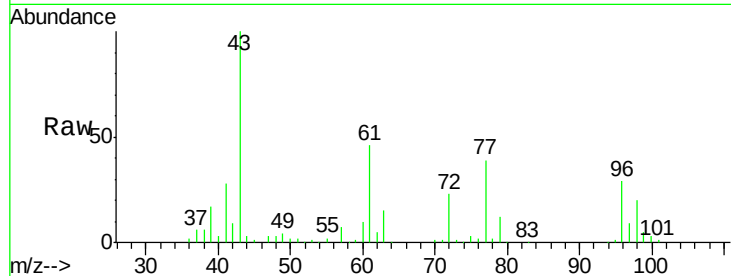




#25
2-Butanone
Concen: 90.223 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN064482.D
Acq: 6 Nov 2020 14:41

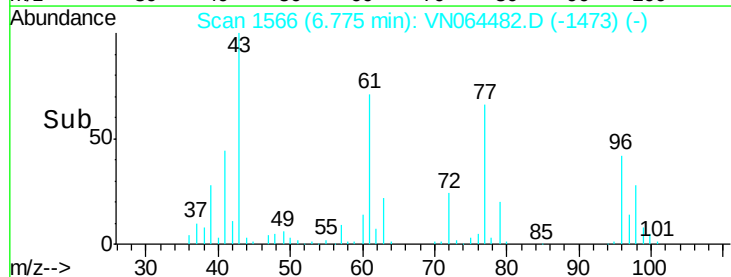
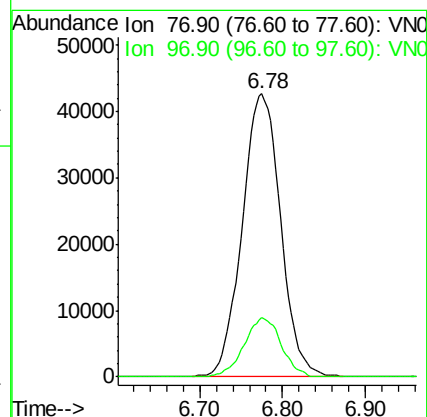
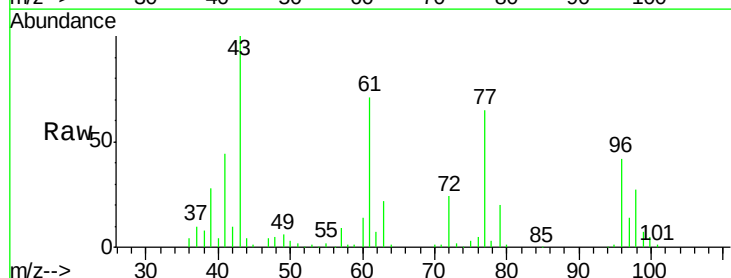
Instrument :
MSVOA_N
ClientSampled :
VN1106WBS01

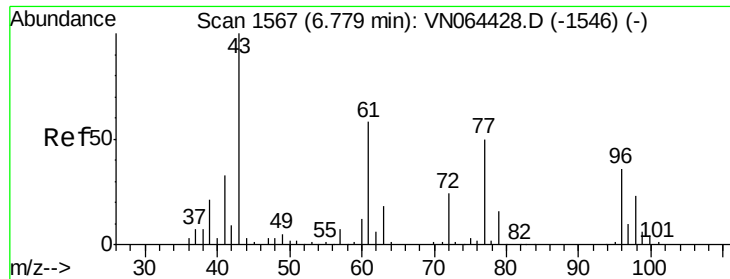
Tot Ion: 43 Resp: 258248
Ion Ratio Lower Upper
43 100
72 23.3 18.5 27.7



#26
2,2-Dichloropropane
Concen: 18.368 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN064482.D
Acq: 6 Nov 2020 14:41

Tgt Ion: 77 Resp: 137385
Ion Ratio Lower Upper
77 100
97 20.1 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 17.918 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS01

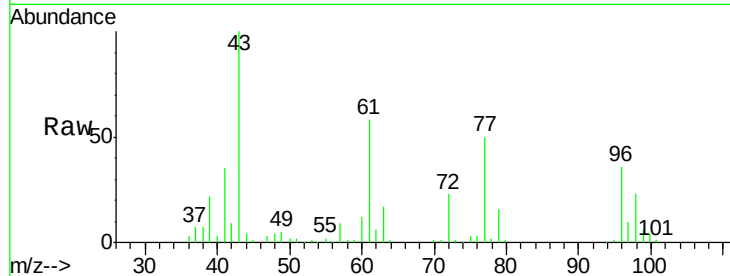
Tot Ion: 96 Resp: 85361

Ion Ratio Lower Upper

96 100

61 162.2 0.0 329.6

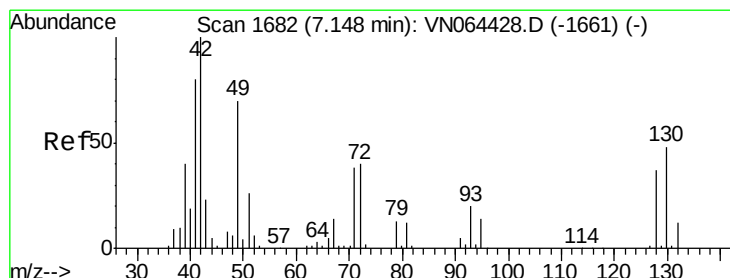
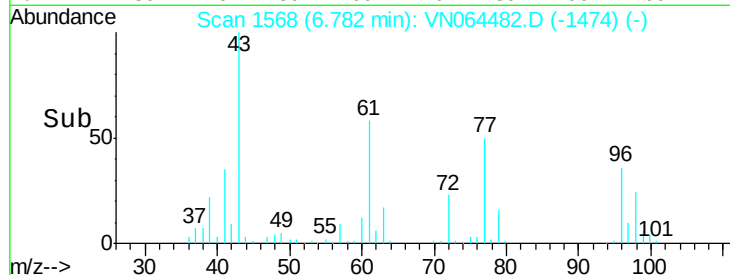
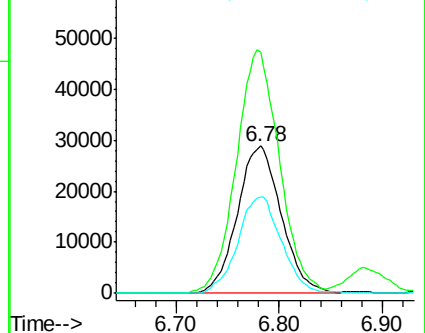
98 65.3 0.0 131.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 18.104 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

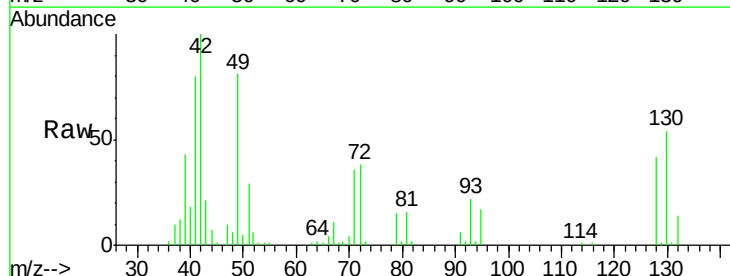
Tgt Ion: 49 Resp: 73525

Ion Ratio Lower Upper

49 100

129 0.8 0.0 3.6

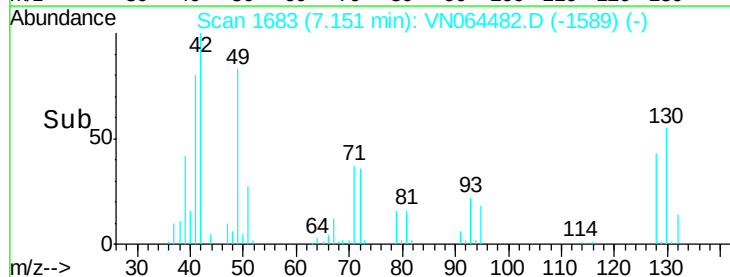
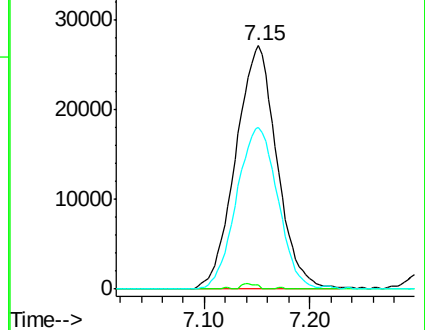
130 66.2 54.2 81.4

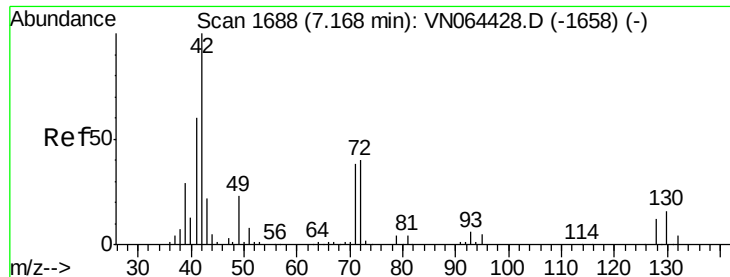


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

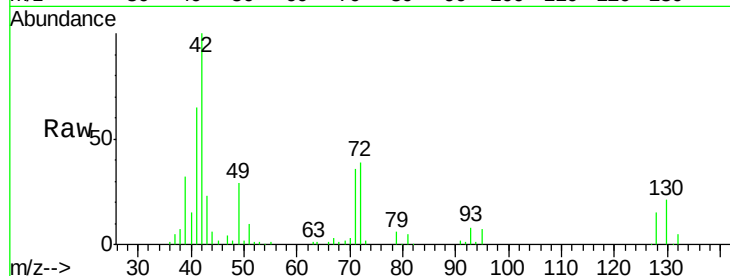




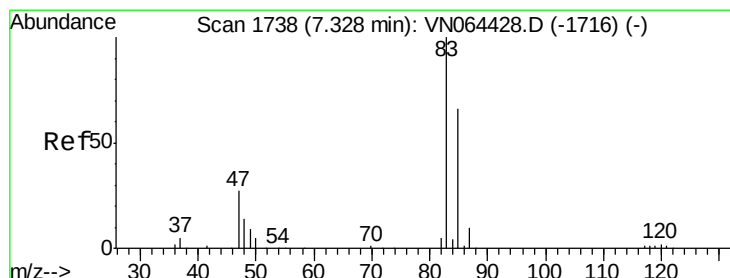
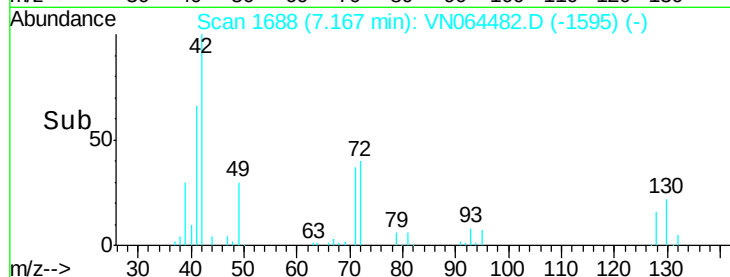
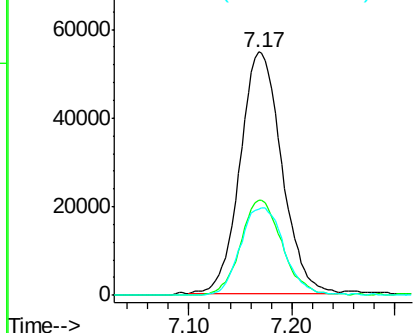
#29
Tetrahydrofuran
Concen: 86.651 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064482.D
Acq: 6 Nov 2020 14:41

Instrument :
MSVOA_N
ClientSampled :
VN1106WBS01

Tot Ion: 42 Resp: 152169
Ion Ratio Lower Upper
42 100
72 39.7 31.7 47.5
71 38.5 29.8 44.6

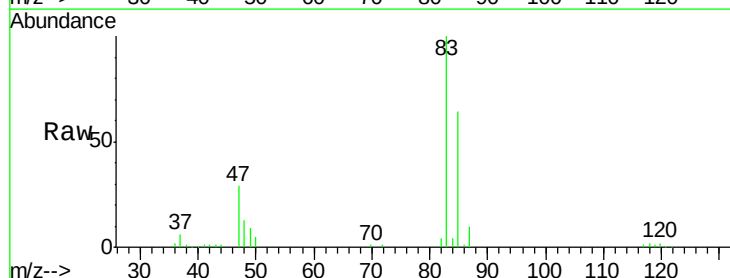


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

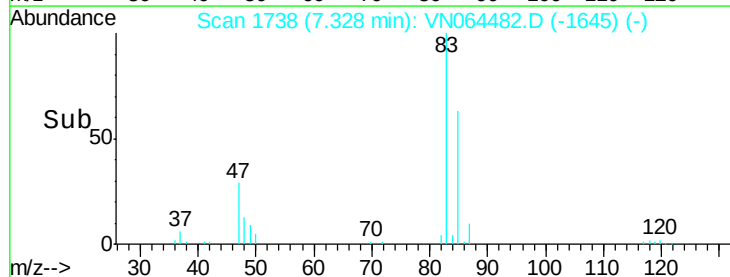
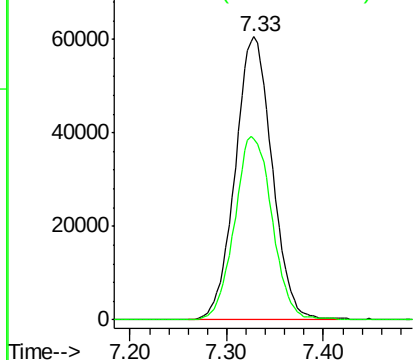


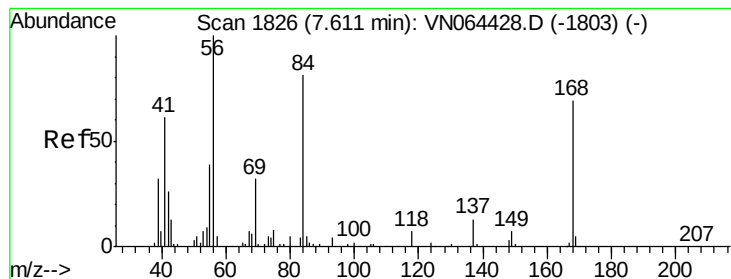
#30
Chloroform
Concen: 18.496 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064482.D
Acq: 6 Nov 2020 14:41

Tgt Ion: 83 Resp: 160646
Ion Ratio Lower Upper
83 100
85 63.8 52.5 78.7



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





#31

Cyclohexane

Concen: 17.078 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS01

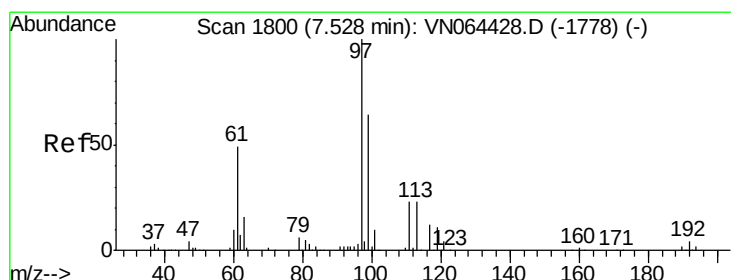
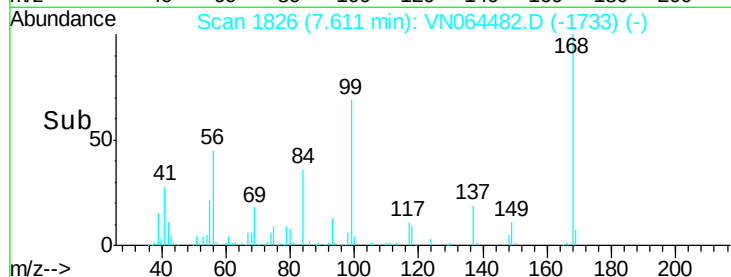
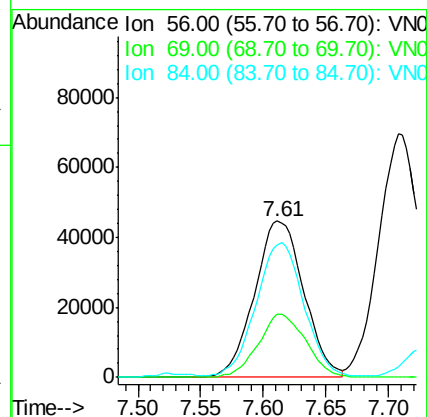
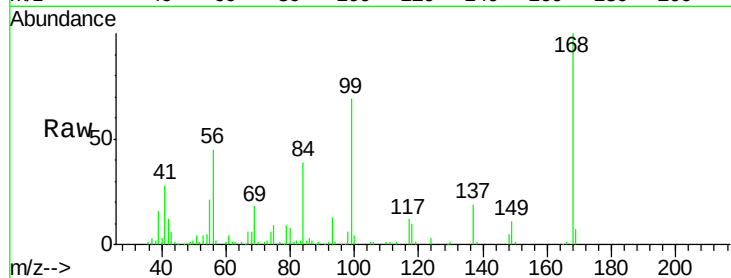
Tot Ion: 56 Resp: 122432

Ion Ratio Lower Upper

56 100

69 40.3 25.6 38.4#

84 83.5 63.0 94.6



#32

1,1,1-Trichloroethane

Concen: 18.404 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

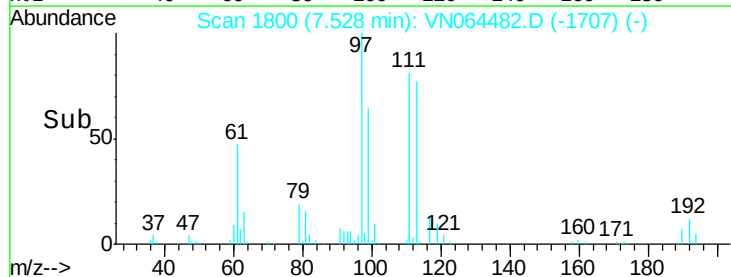
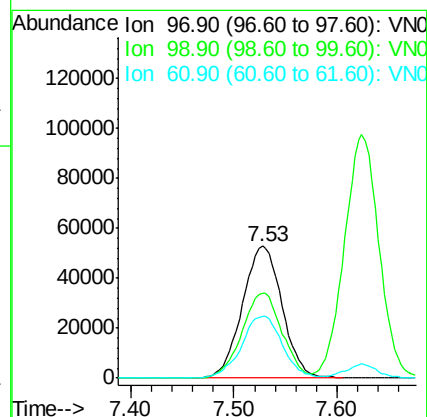
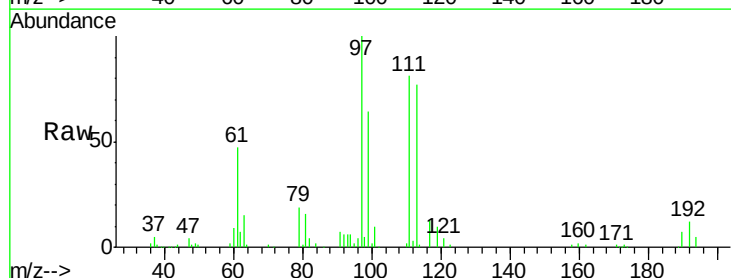
Tgt Ion: 97 Resp: 141772

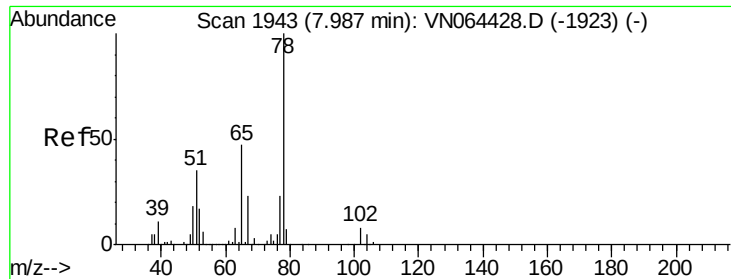
Ion Ratio Lower Upper

97 100

99 64.9 51.3 76.9

61 48.1 39.1 58.7

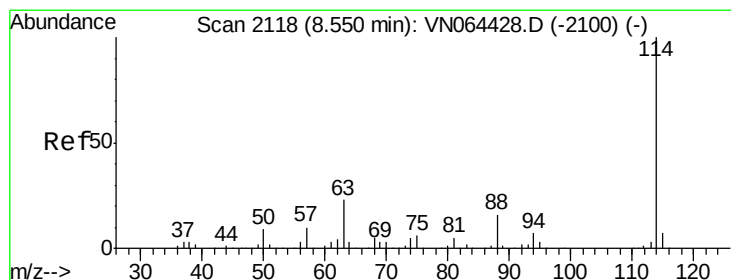
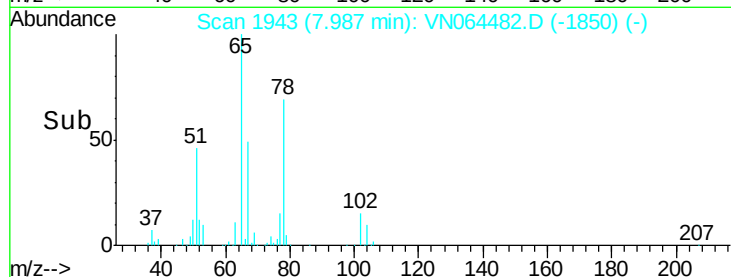
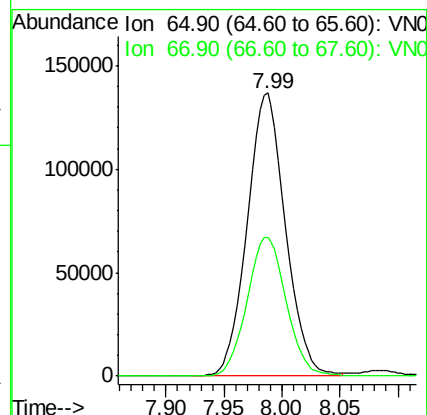
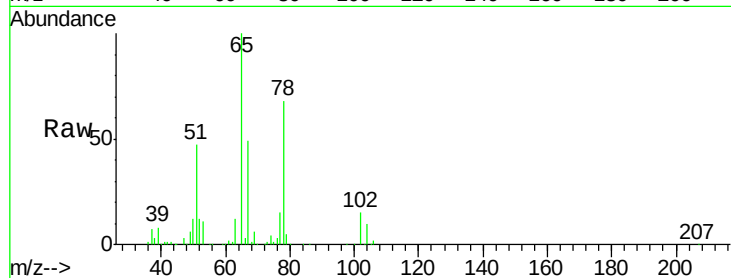




#33
 1,2-Dichloroethane-d4
 Concen: 53.267 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064482.D
 Acq: 6 Nov 2020 14:41

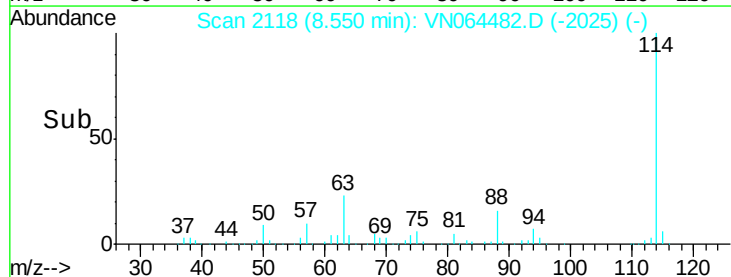
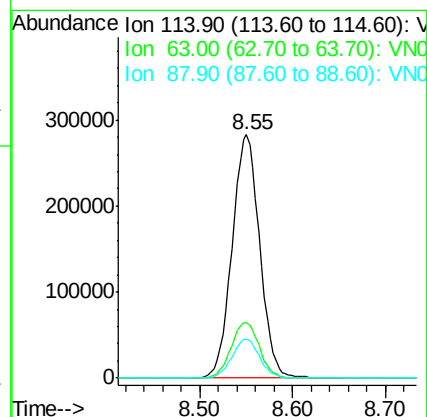
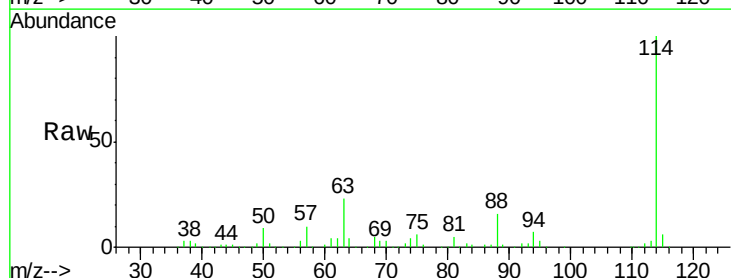
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

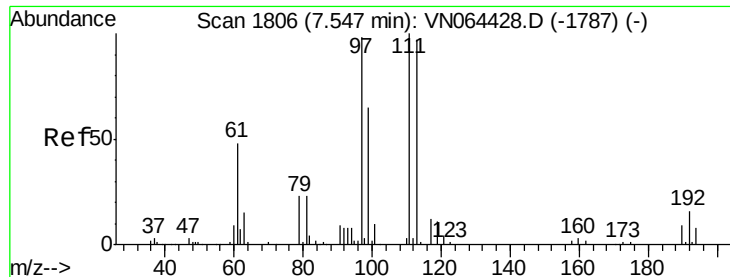
Tot Ion: 65 Resp: 314144
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064482.D
 Acq: 6 Nov 2020 14:41

Tgt Ion: 114 Resp: 582915
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.6
 88 16.0 0.0 32.8

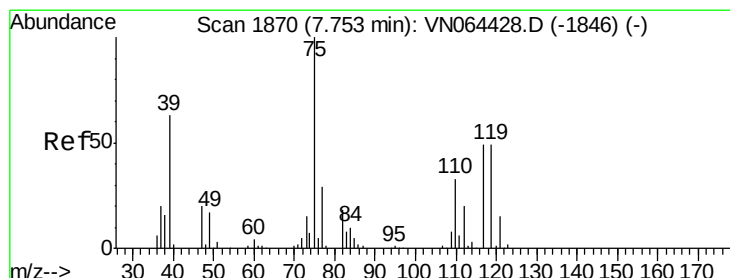
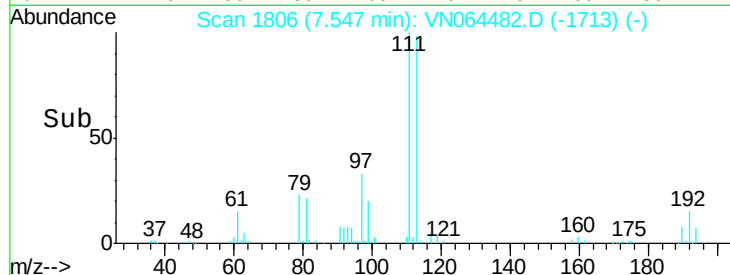
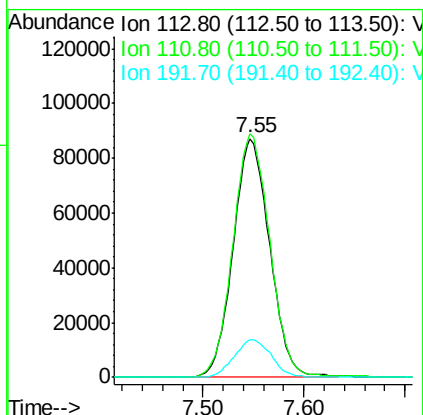
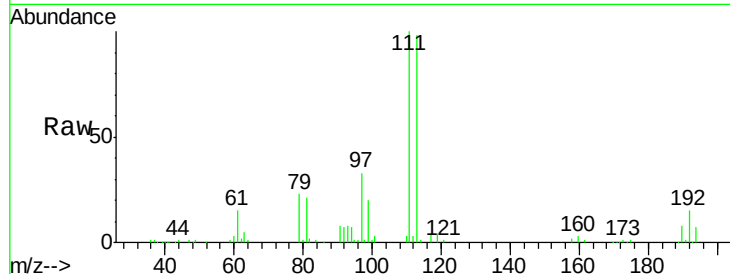




#35
 Dibromofluoromethane
 Concen: 55.228 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064482.D
 Acq: 6 Nov 2020 14:41

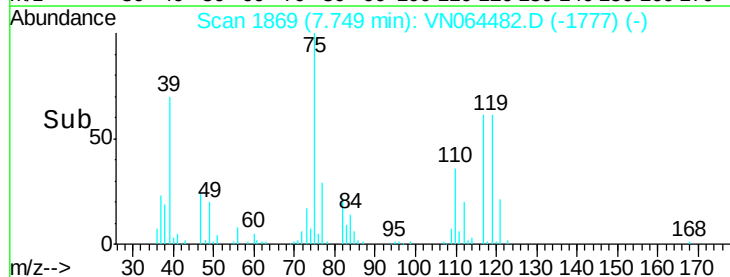
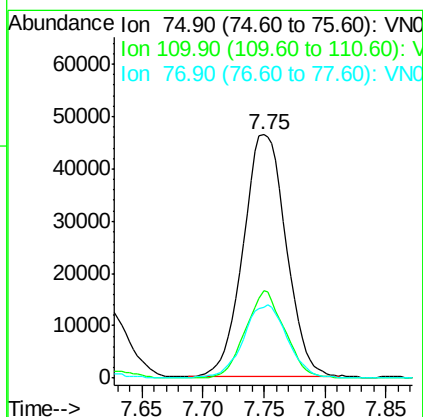
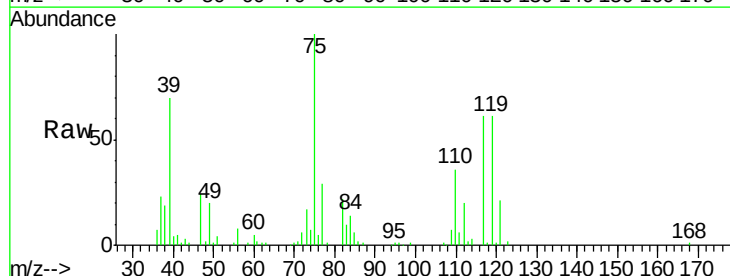
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

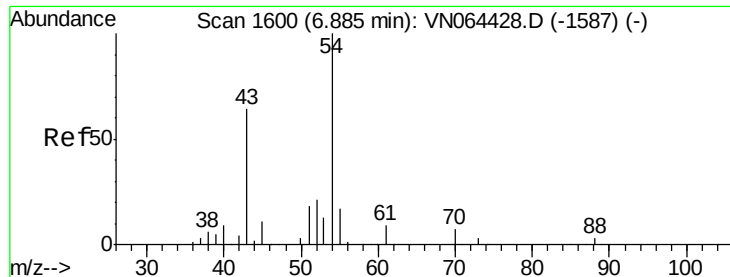
Tot Ion:113 Resp: 219193
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.1 121.7
 192 16.1 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 18.334 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064482.D
 Acq: 6 Nov 2020 14:41

Tgt Ion: 75 Resp: 112902
 Ion Ratio Lower Upper
 75 100
 110 32.8 16.0 48.0
 77 31.0 24.0 36.0

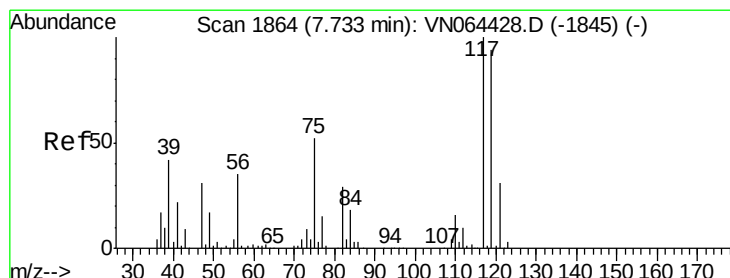
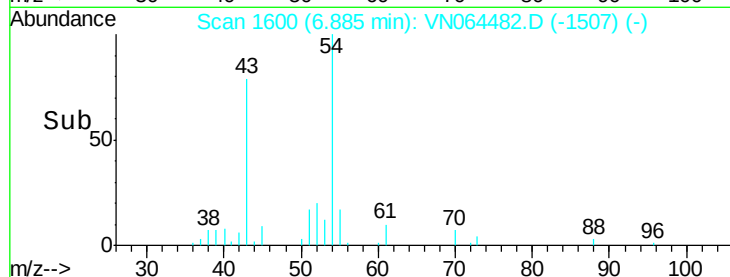
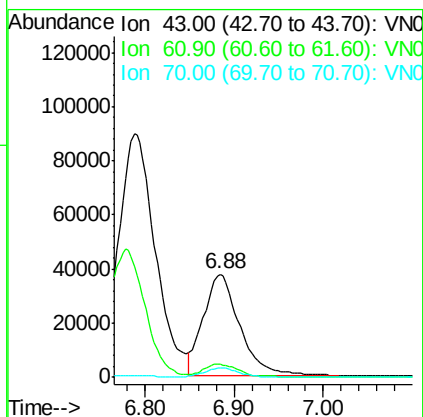
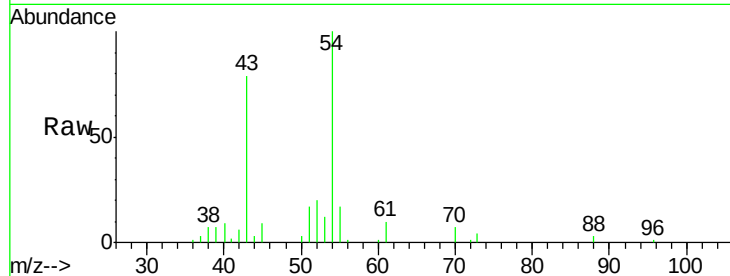




#37
Ethyl Acetate
Concen: 17.621 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064482.D
Acq: 6 Nov 2020 14:41

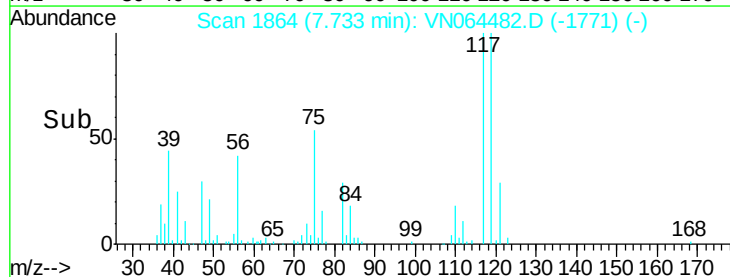
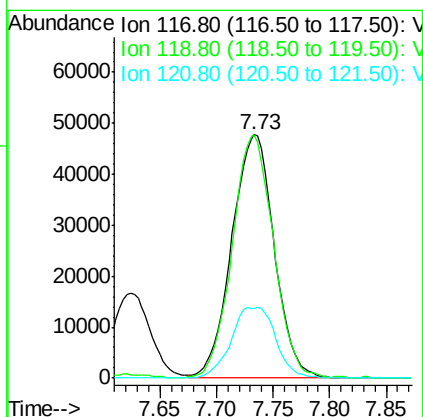
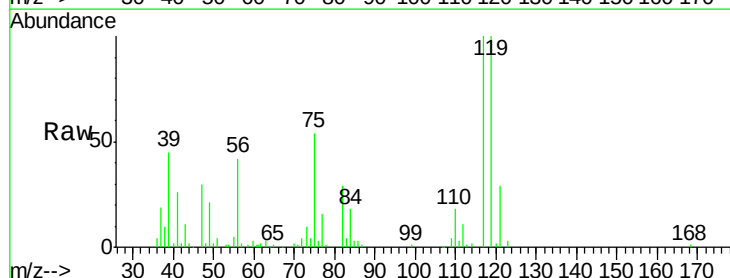
Instrument :
MSVOA_N
ClientSampled :
VN1106WBS01

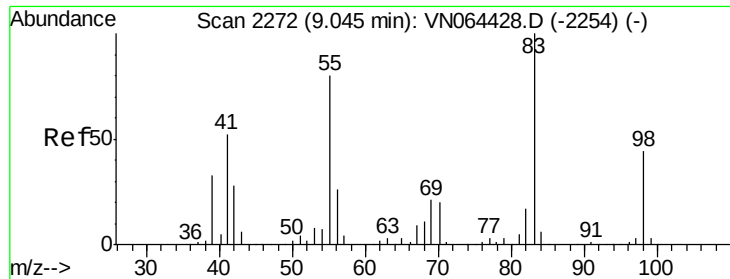
Tot Ion: 43 Resp: 107002
Ion Ratio Lower Upper
43 100
61 13.5 10.0 15.0
70 9.0 7.1 10.7



#38
Carbon Tetrachloride
Concen: 18.940 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064482.D
Acq: 6 Nov 2020 14:41

Tgt Ion: 117 Resp: 124650
Ion Ratio Lower Upper
117 100
119 99.6 75.5 113.3
121 28.8 24.4 36.6

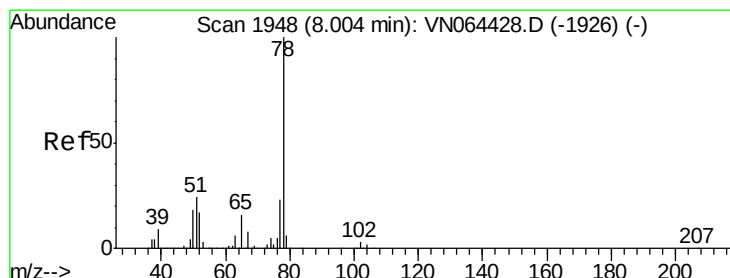
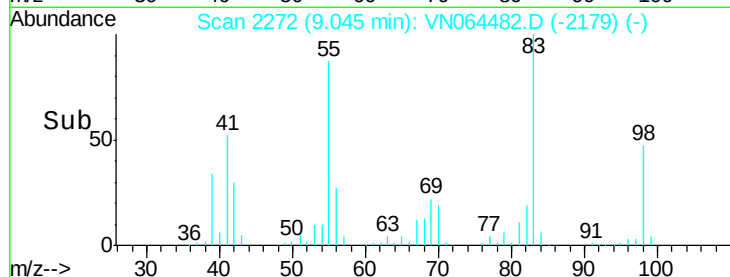
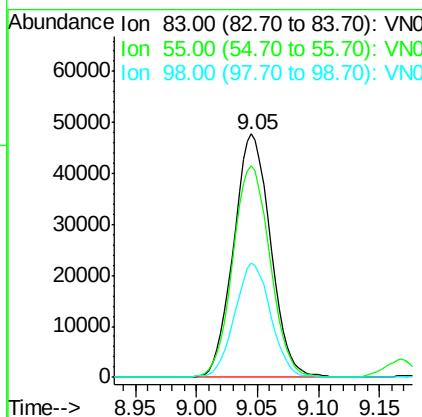
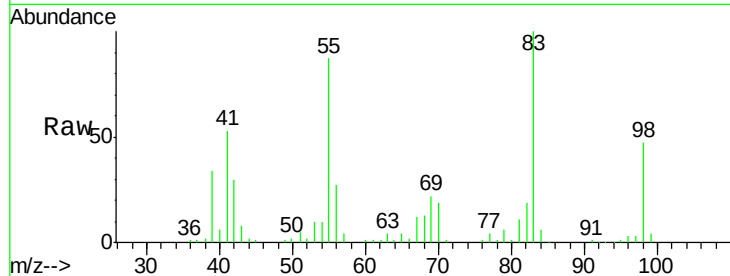




#39
Methvlcvclohexane
Concen: 18.179 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064482.D
Acq: 6 Nov 2020 14:41

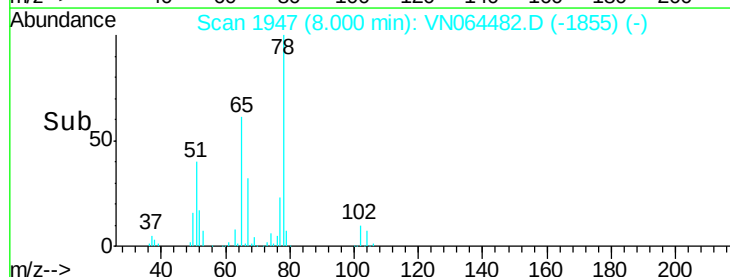
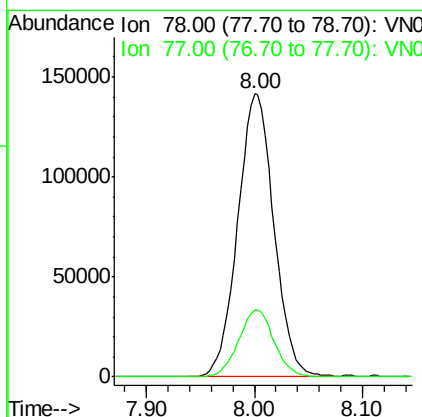
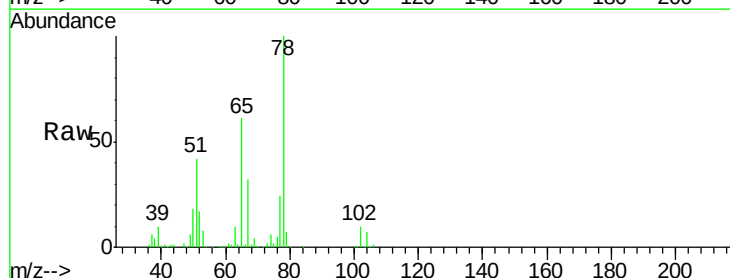
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

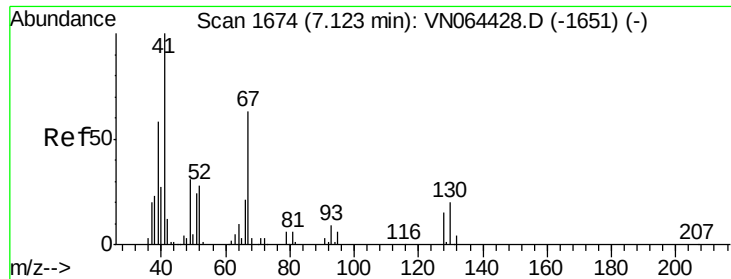
Tot Ion: 83 Resp: 100353
Ion Ratio Lower Upper
83 100
55 87.1 63.8 95.6
98 47.0 35.4 53.2



#40
Benzene
Concen: 18.249 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064482.D
Acq: 6 Nov 2020 14:41

Tgt Ion: 78 Resp: 330222
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1

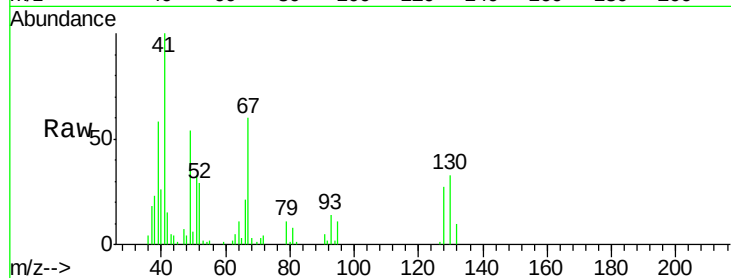




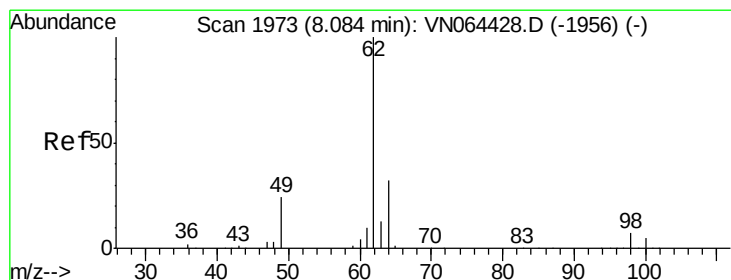
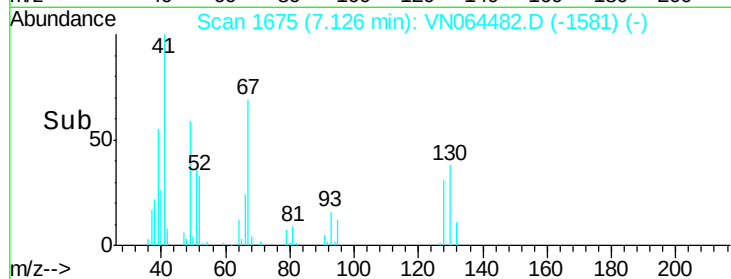
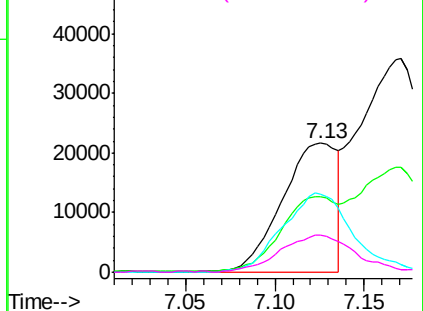
#41
Methacrylonitrile
Concen: 17.028 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN064482.D
Acq: 6 Nov 2020 14:41

Instrument :
MSVOA_N
ClientSampled :
VN1106WBS01

Tot Ion: 41 Resp: 46489
Ion Ratio Lower Upper
41 100
39 57.4 50.0 75.0
67 78.3 68.3 102.5
52 39.4 32.7 49.1

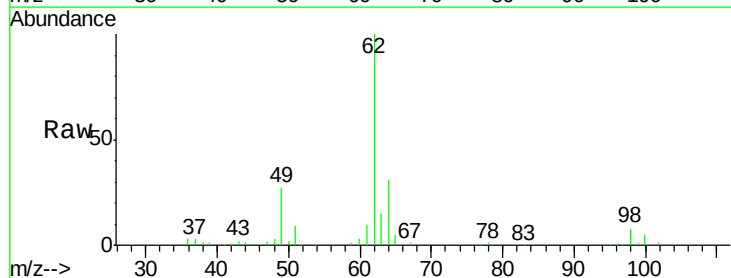


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

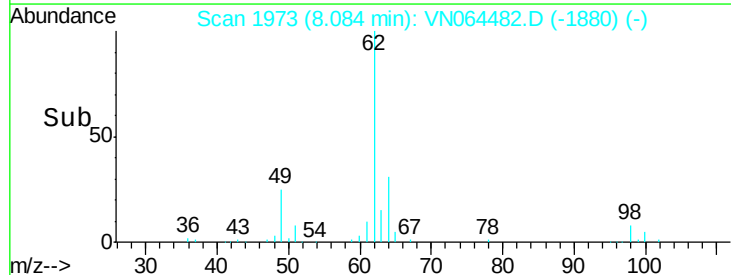
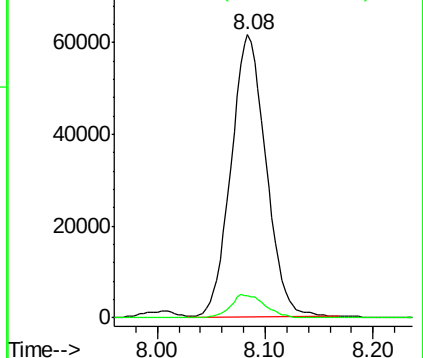


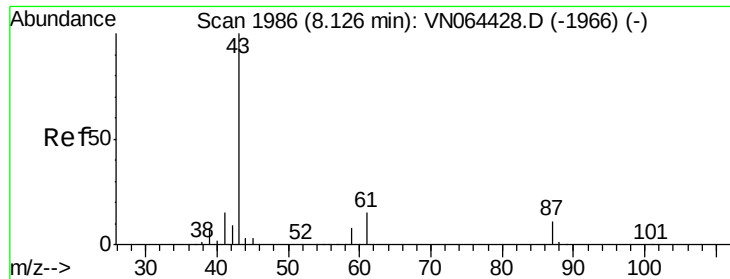
#42
1,2-Dichloroethane
Concen: 19.030 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064482.D
Acq: 6 Nov 2020 14:41

Tgt Ion: 62 Resp: 138972
Ion Ratio Lower Upper
62 100
98 8.2 0.0 14.0



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





#43

Isopropyl Acetate

Concen: 18.313 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

Instrument :

MSVOA_N

ClientSampled :

VN1106WBS01

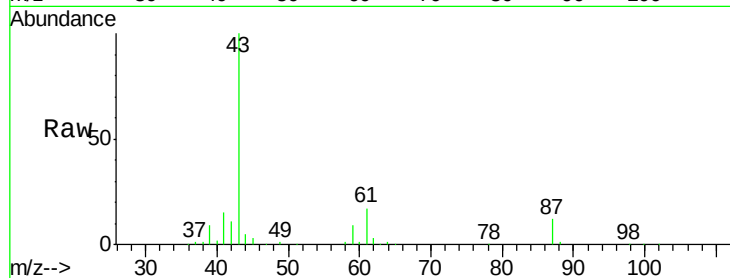
Tot Ion: 43 Resp: 182756

Ion Ratio Lower Upper

43 100

61 15.9 14.0 21.0

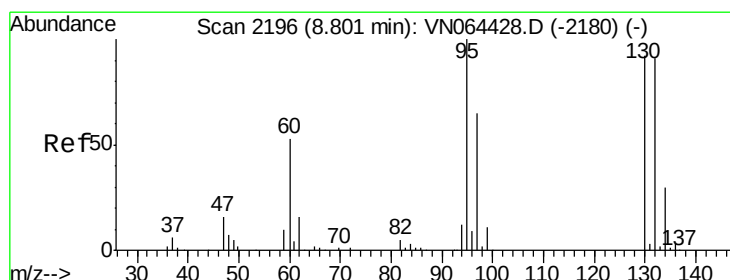
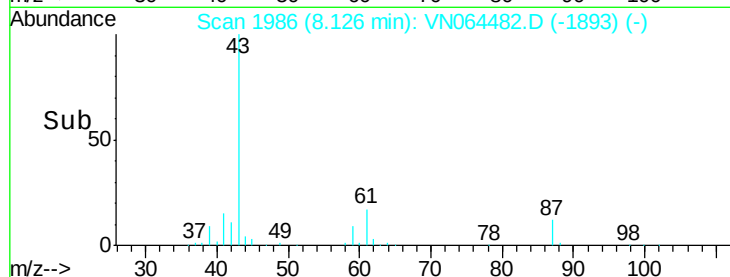
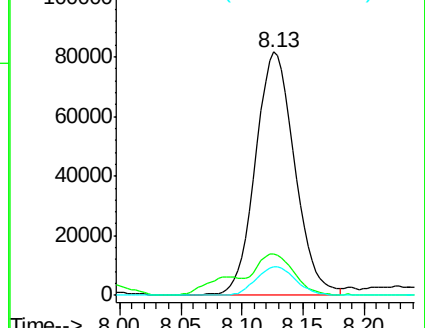
87 11.7 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN064482.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN064482.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN064482.D (-1966) (-)



#44

Trichloroethene

Concen: 18.605 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064482.D

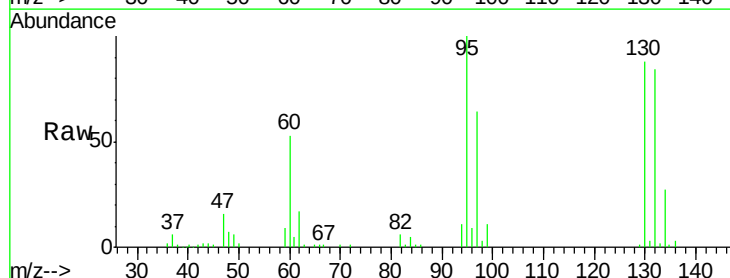
Acq: 6 Nov 2020 14:41

Tgt Ion:130 Resp: 84940

Ion Ratio Lower Upper

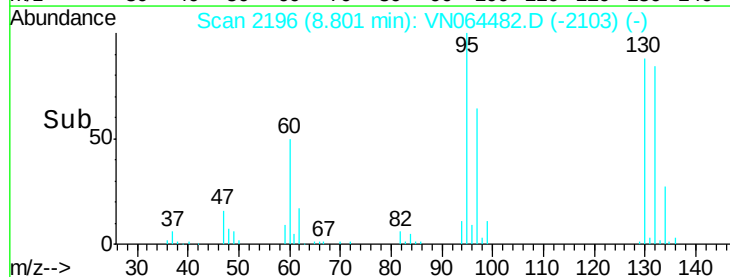
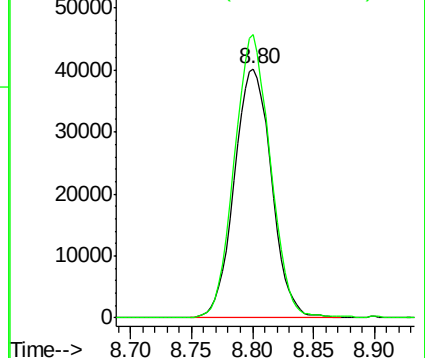
130 100

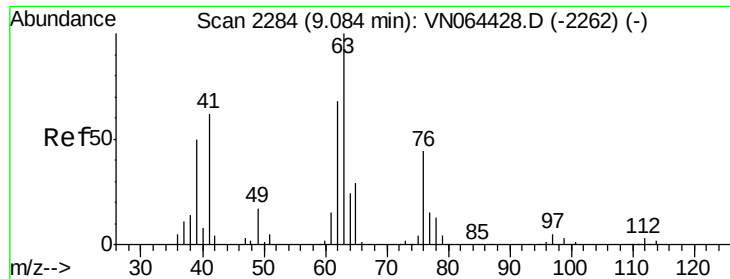
95 113.7 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN064482.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064482.D (-2180) (-)

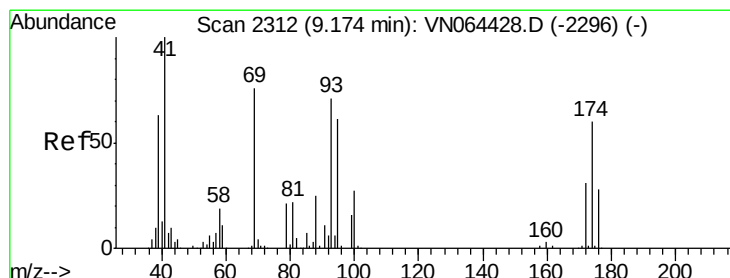
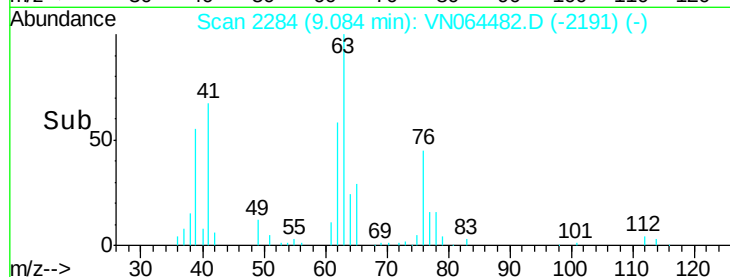
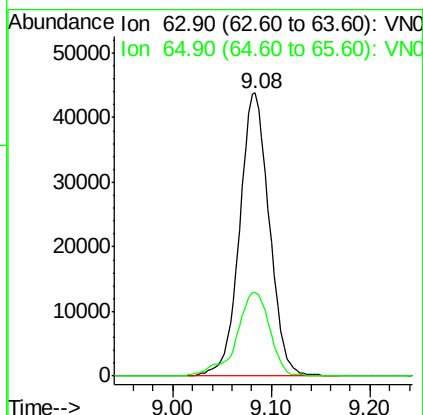
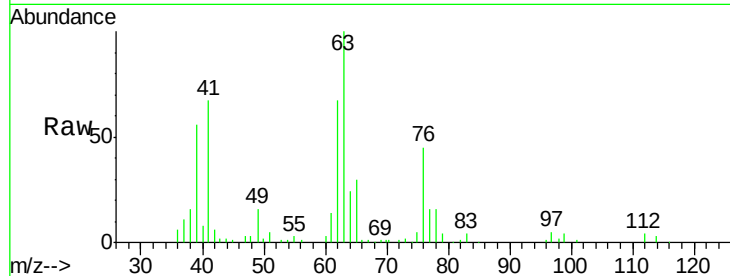




#45
 1,2-Dichloropropane
 Concen: 18.873 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064482.D
 Acq: 6 Nov 2020 14:41

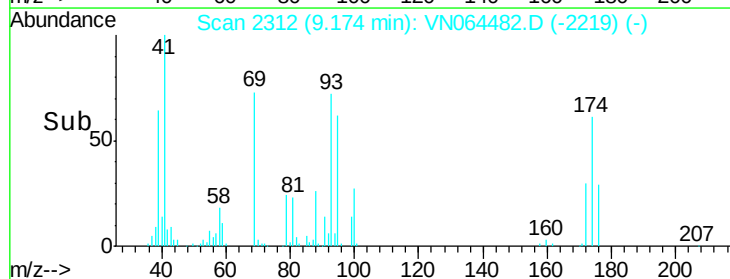
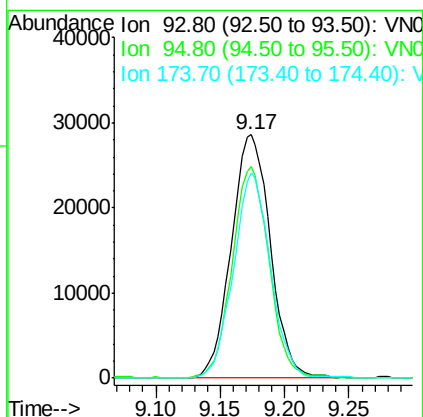
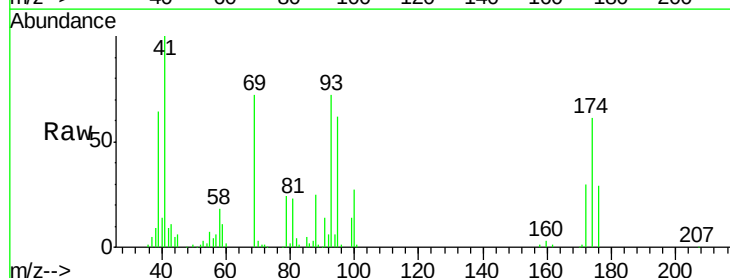
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

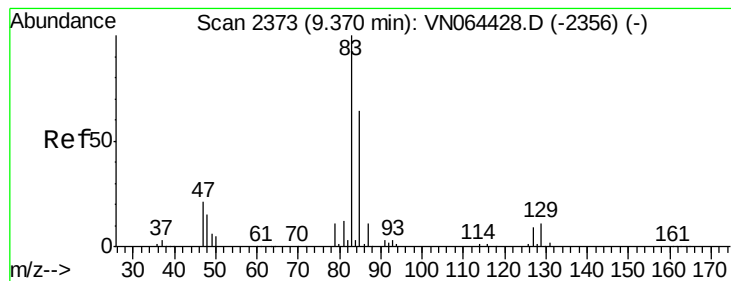
Tot Ion: 63 Resp: 91123
 Ion Ratio Lower Upper
 63 100
 65 29.7 23.6 35.4



#46
 Dibromomethane
 Concen: 18.938 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064482.D
 Acq: 6 Nov 2020 14:41

Tgt Ion: 93 Resp: 60192
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.4 99.6
 174 79.5 67.2 100.8





#47

Bromodichloromethane

Concen: 19.117 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS01

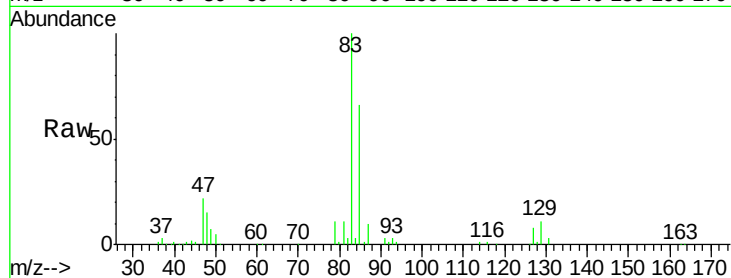
Tot Ion: 83 Resp: 130648

Ion Ratio Lower Upper

83 100

85 65.8 51.2 76.8

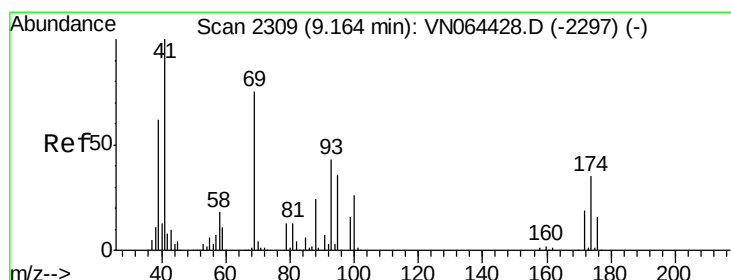
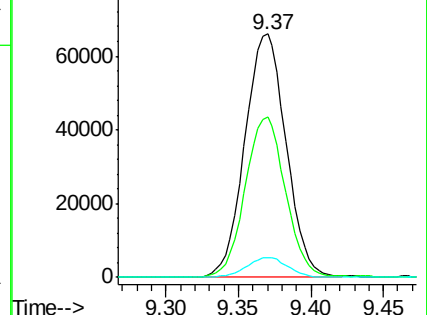
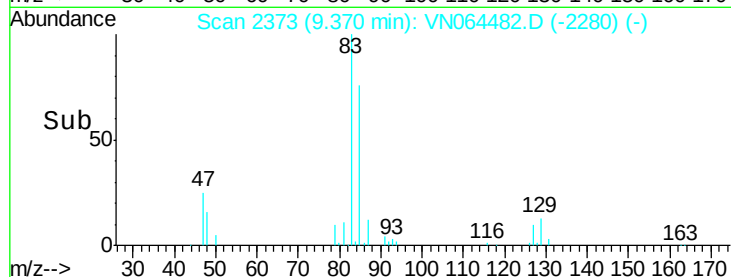
127 8.2 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN064482.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN064482.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN064482.D (-2356) (-)



#48

Methyl methacrylate

Concen: 17.953 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

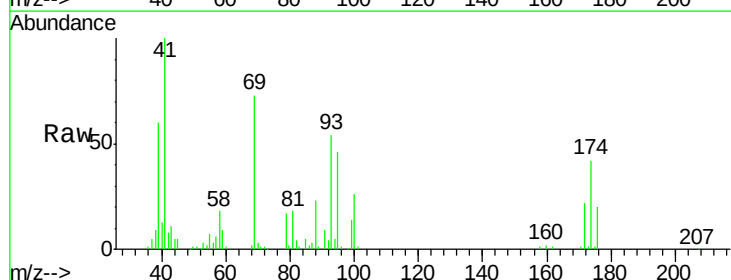
Tgt Ion: 41 Resp: 90410

Ion Ratio Lower Upper

41 100

69 75.2 60.4 90.6

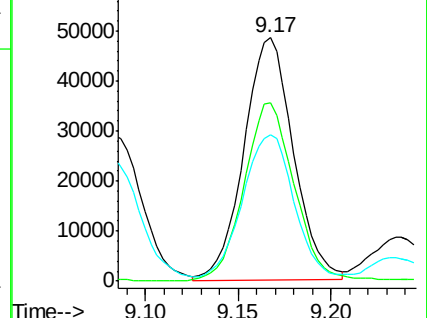
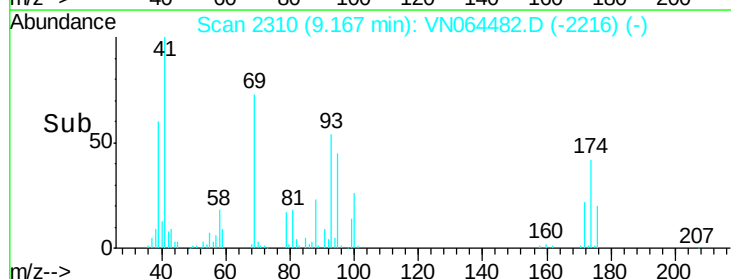
39 63.0 51.2 76.8

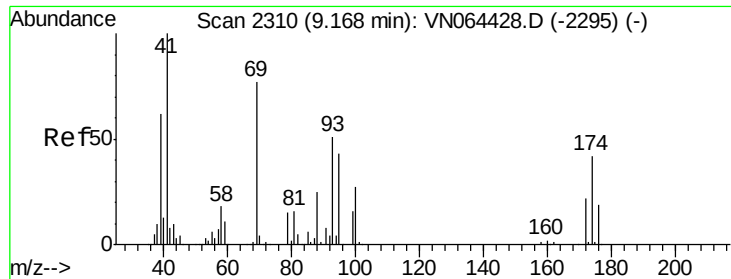


Abundance Ion 41.00 (40.70 to 41.70): VN064482.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064482.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064482.D (-2297) (-)

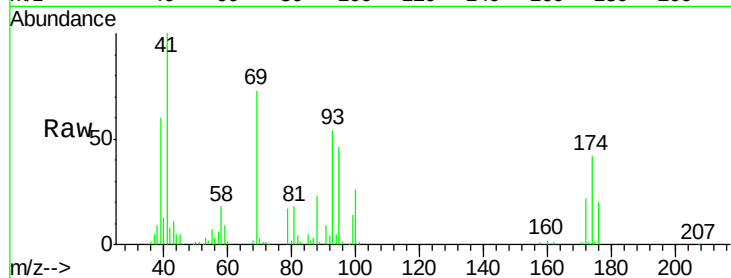




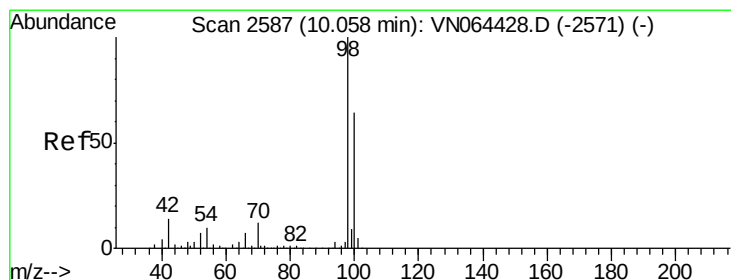
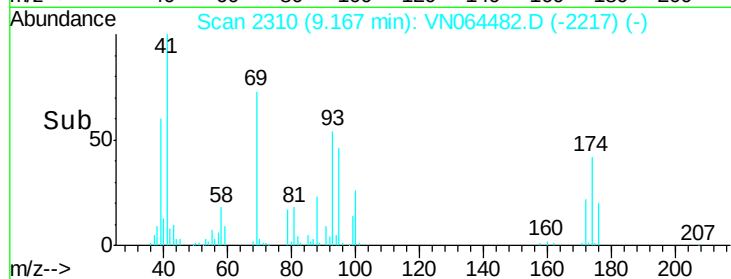
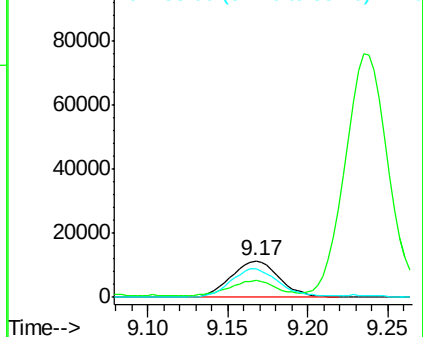
#49
1,4-Dioxane
Concen: 354.569 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN064482.D
Acq: 6 Nov 2020 14:41

Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

Tot Ion: 88 Resp: 23518
Ion Ratio Lower Upper
88 100
43 39.7 31.0 46.6
58 78.7 58.4 87.6

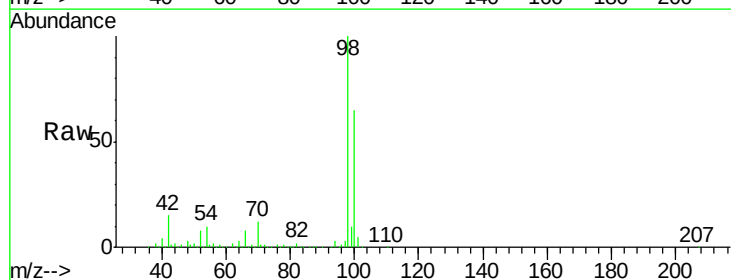


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

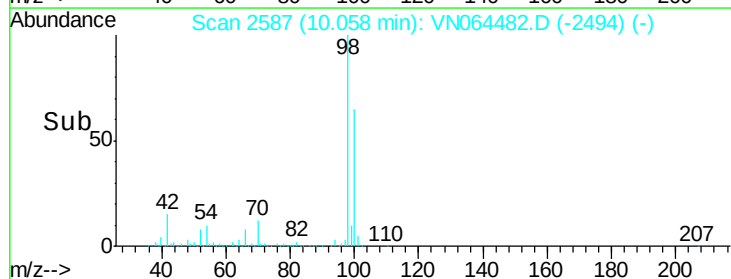
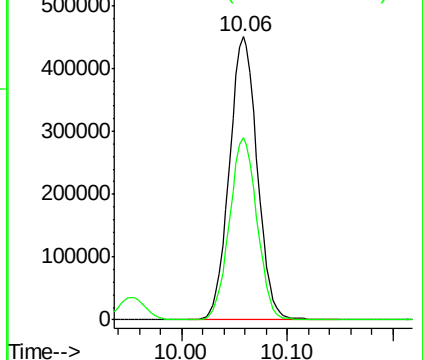


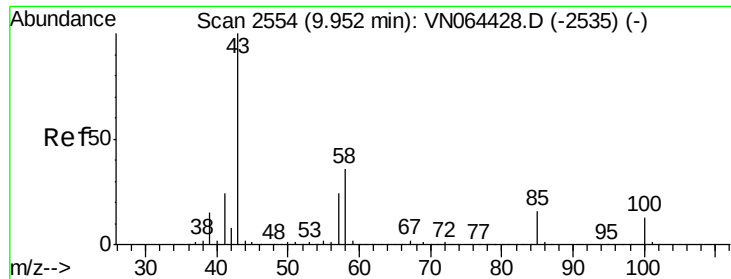
#50
Toluene-d8
Concen: 53.555 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064482.D
Acq: 6 Nov 2020 14:41

Tgt Ion: 98 Resp: 821511
Ion Ratio Lower Upper
98 100
100 63.6 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 92.973 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

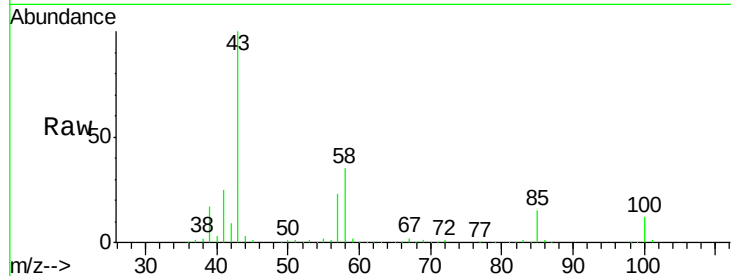
VN1106WBS01

Tot Ion: 43 Resp: 541089

Ion Ratio Lower Upper

43 100

58 35.2 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN064482.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN064482.D (-2535) (-)

9.95

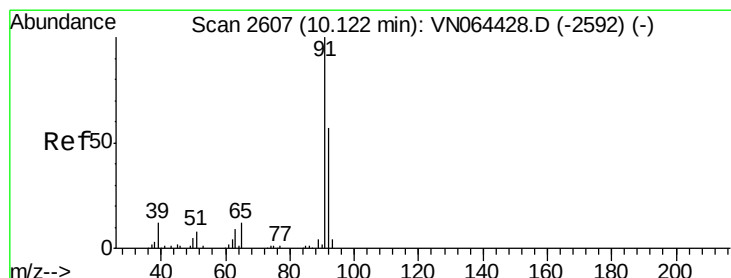
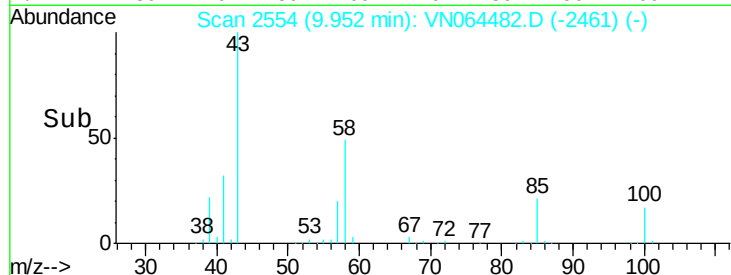
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 18.605 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064482.D

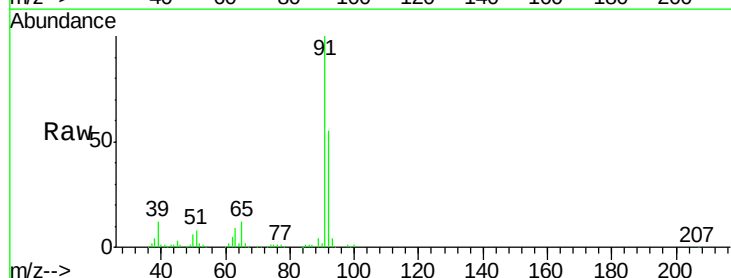
Acq: 6 Nov 2020 14:41

Tgt Ion: 92 Resp: 205335

Ion Ratio Lower Upper

92 100

91 179.2 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN064482.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064482.D (-2592) (-)

10.12

200000

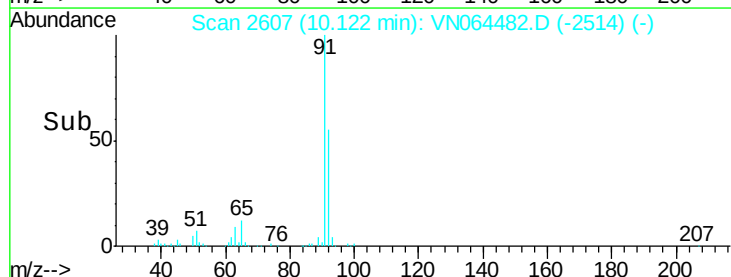
150000

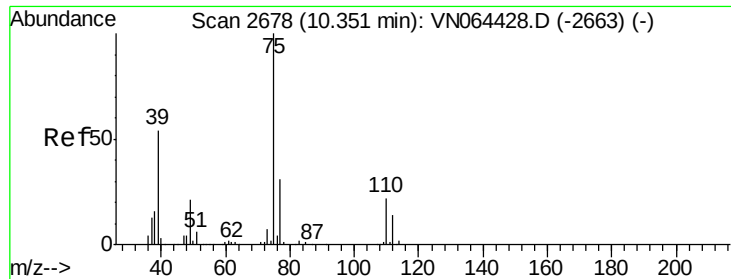
100000

50000

0

Time-->

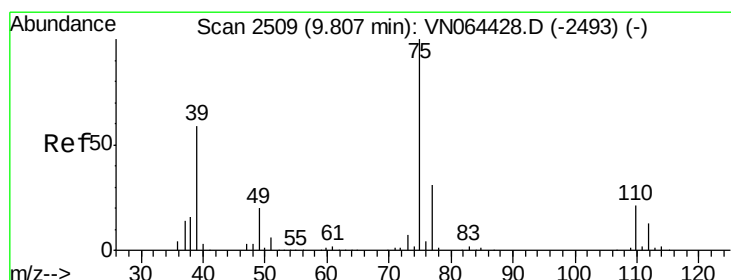
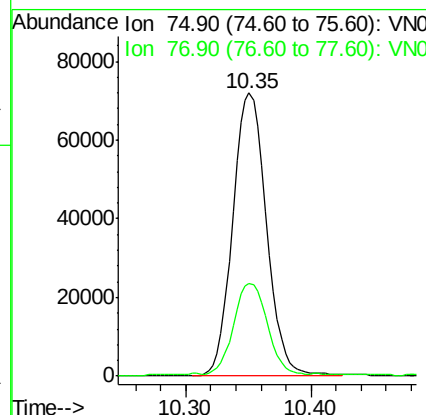
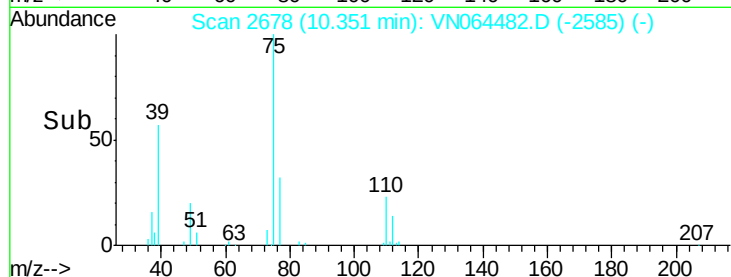
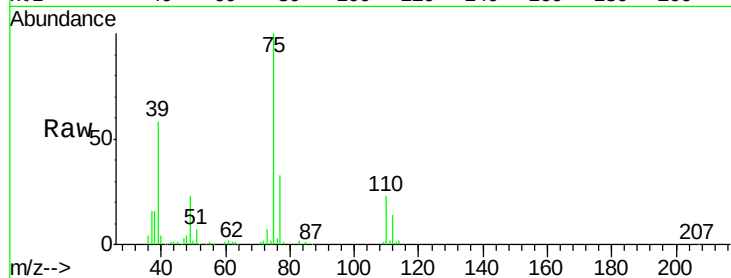




#53
t-1,3-Dichloropropene
Concen: 18.582 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064482.D
Acq: 6 Nov 2020 14:41

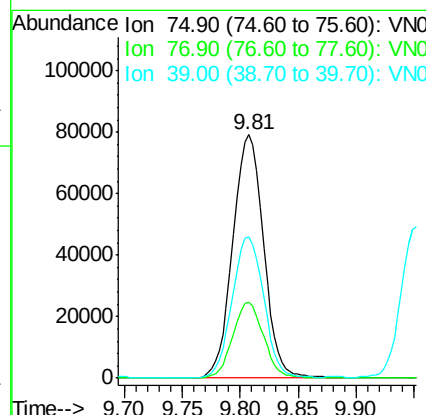
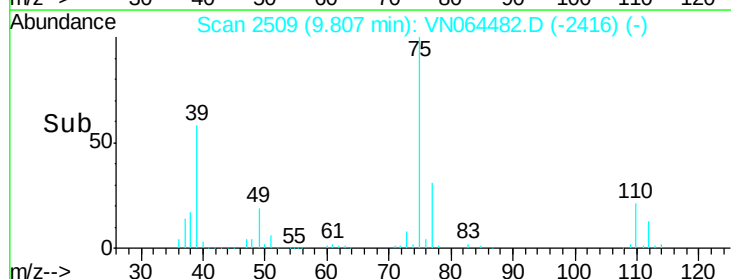
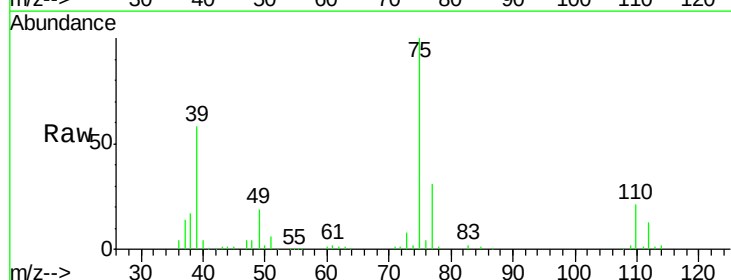
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

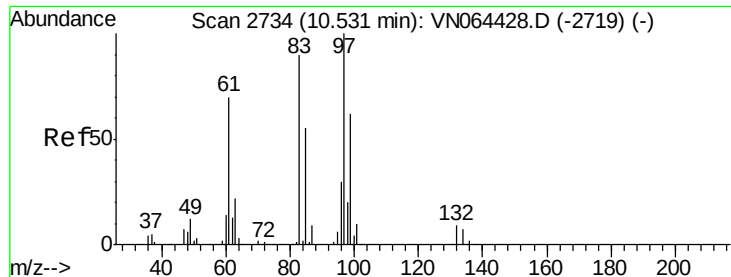
Tot Ion: 75 Resp: 134637
Ion Ratio Lower Upper
75 100
77 32.3 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 18.821 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN064482.D
Acq: 6 Nov 2020 14:41

Tgt Ion: 75 Resp: 145801
Ion Ratio Lower Upper
75 100
77 31.4 24.9 37.3
39 57.7 47.1 70.7





#55

1,1,2-Trichloroethane

Concen: 18.797 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

Instrument :

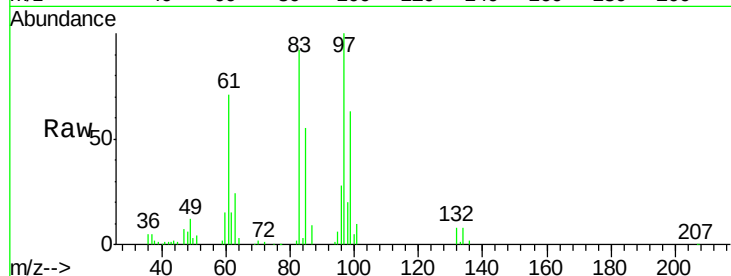
MSVOA_N

ClientSampleId :

VN1106WBS01

Tot Ion: 97 Resp: 80907

Ion	Ratio	Lower	Upper
97	100		
83	91.7	71.7	107.5
85	54.9	44.3	66.5
99	62.7	49.4	74.2

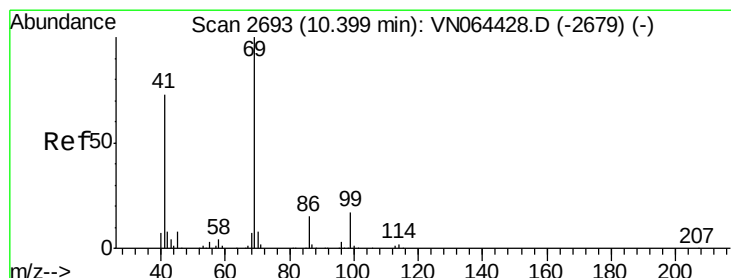
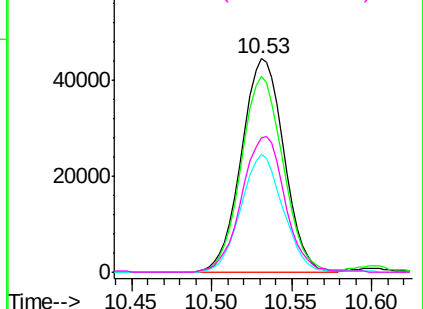
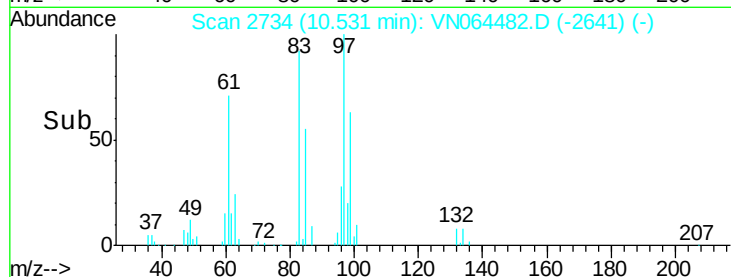


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 16.829 ug/l

RT: 10.40 min Scan# 2693

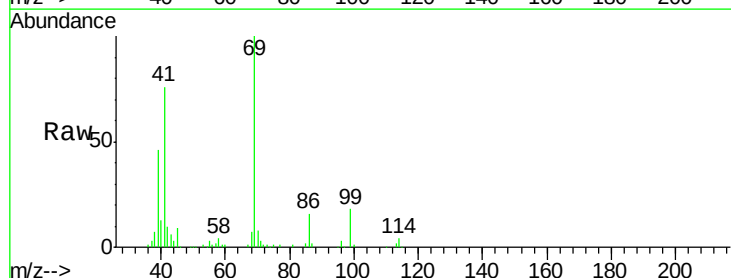
Delta R.T. 0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

Tgt Ion: 69 Resp: 110197

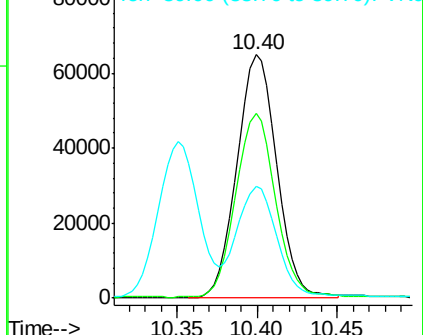
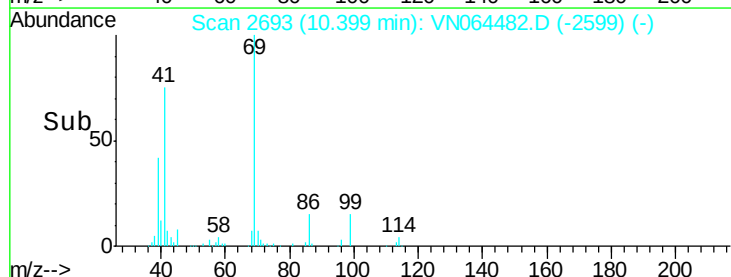
Ion	Ratio	Lower	Upper
69	100		
41	75.8	59.3	88.9
39	46.4	35.4	53.0

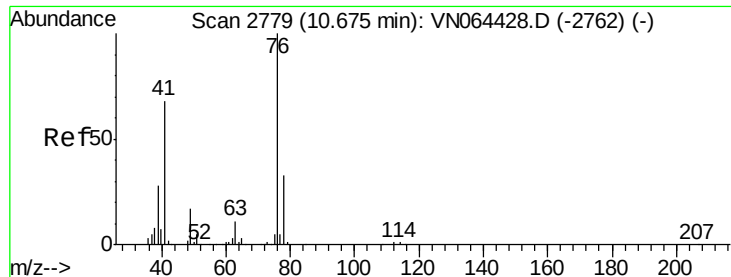


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

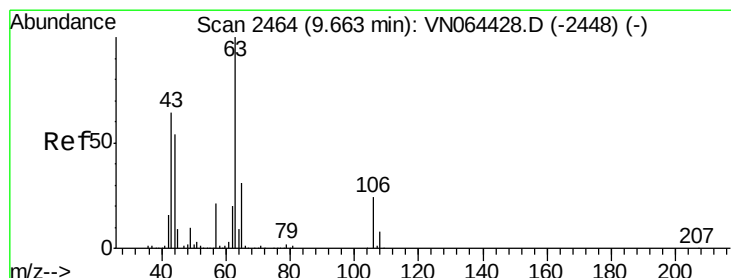
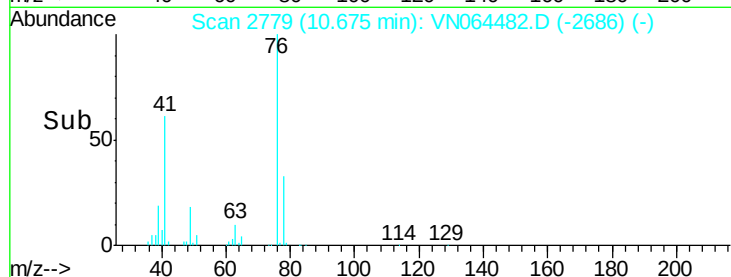
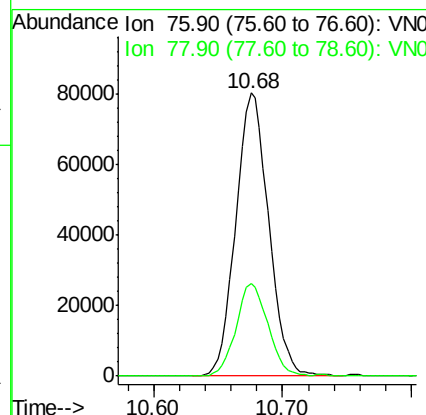
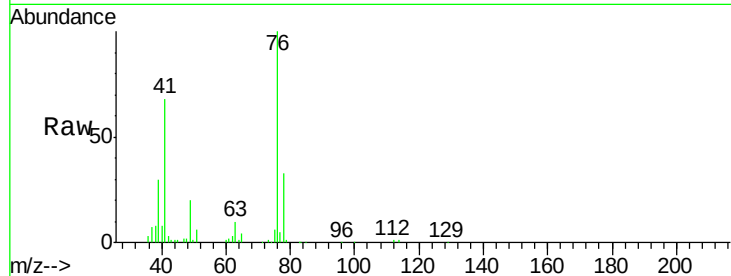




#57
 1,3-Dichloropropane
 Concen: 18.968 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064482.D
 Acq: 6 Nov 2020 14:41

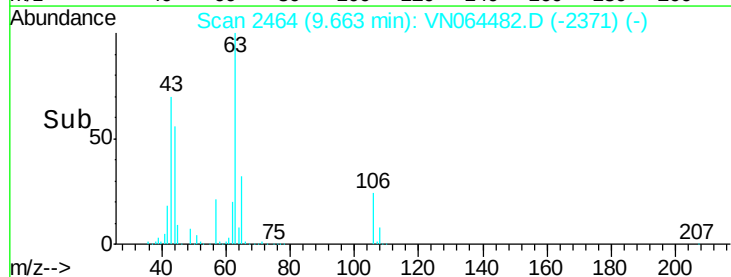
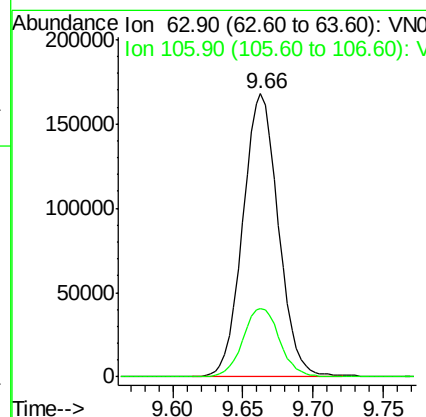
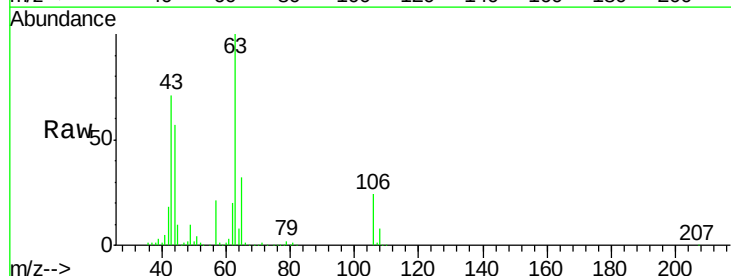
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

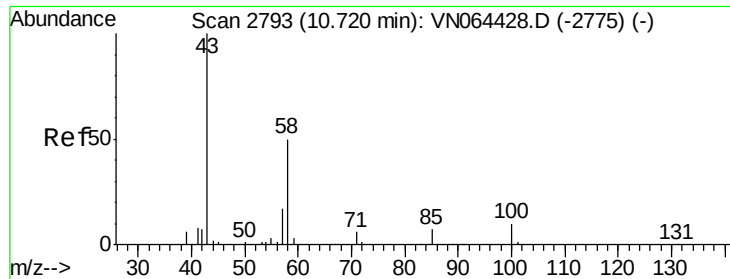
Tot Ion: 76 Resp: 142510
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.700 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064482.D
 Acq: 6 Nov 2020 14:41

Tgt Ion: 63 Resp: 297196
 Ion Ratio Lower Upper
 63 100
 106 25.0 19.5 29.3

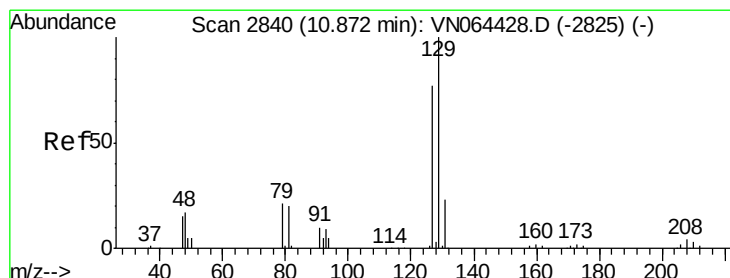
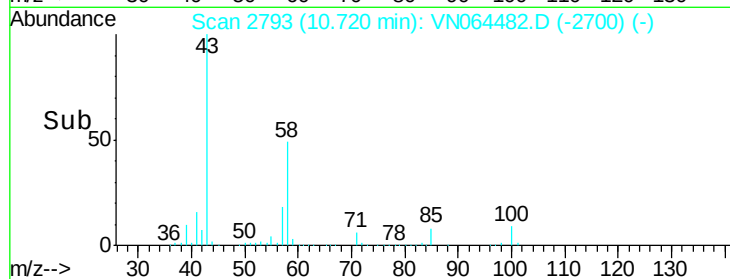
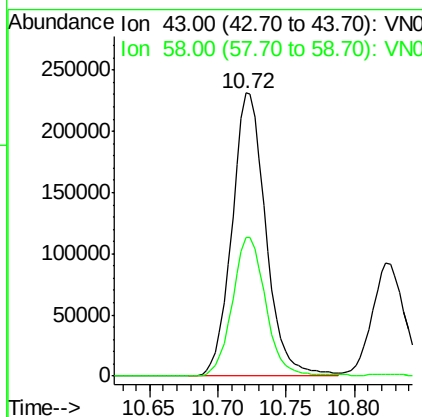
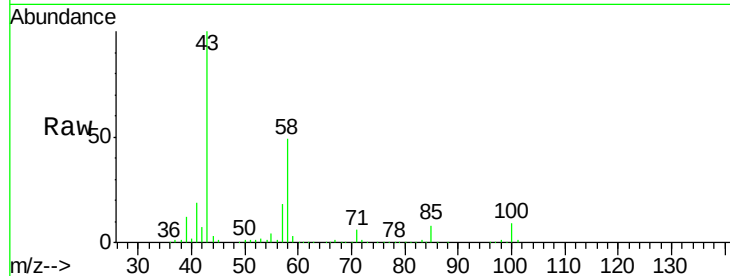




#59
2-Hexanone
Concen: 86.187 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064482.D
Acq: 6 Nov 2020 14:41

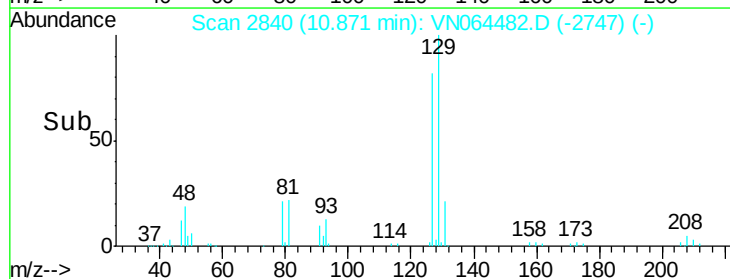
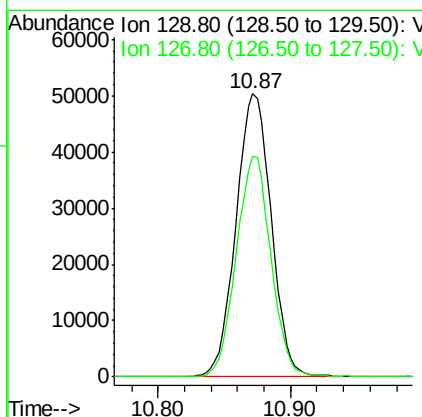
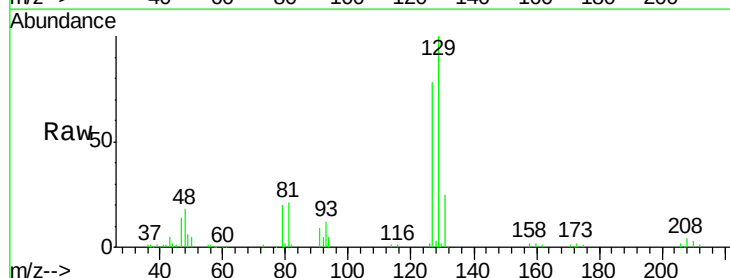
Instrument :
MSVOA_N
ClientSampled :
VN1106WBS01

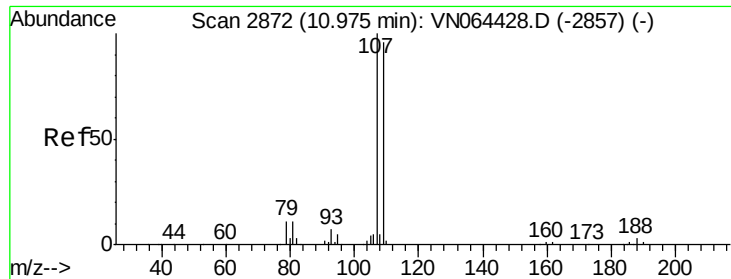
Tot Ion: 43 Resp: 396291
Ion Ratio Lower Upper
43 100
58 48.5 24.7 74.1



#60
Dibromochloromethane
Concen: 19.297 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064482.D
Acq: 6 Nov 2020 14:41

Tgt Ion: 129 Resp: 92996
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.7

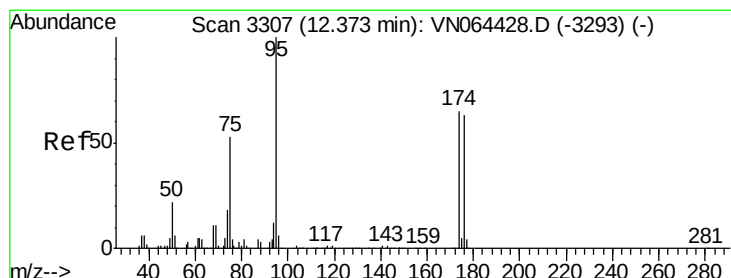
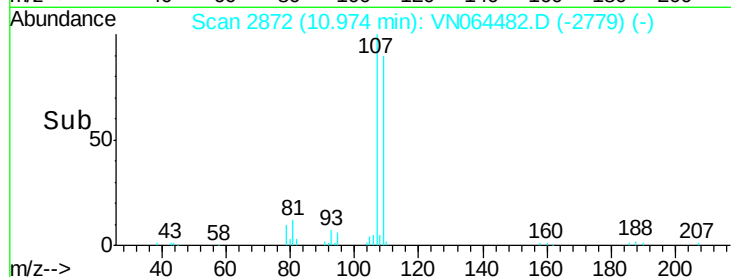
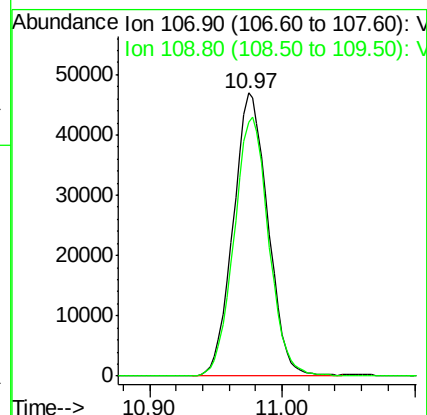
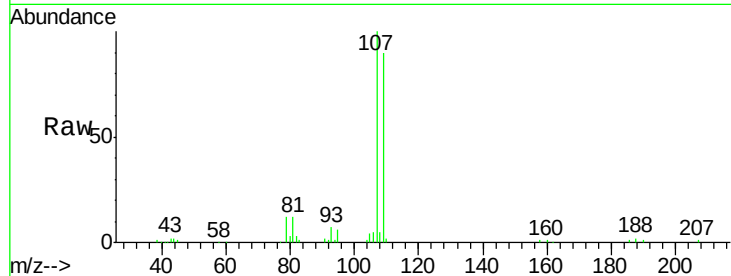




#61
 1,2-Dibromoethane
 Concen: 19.570 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064482.D
 Acq: 6 Nov 2020 14:41

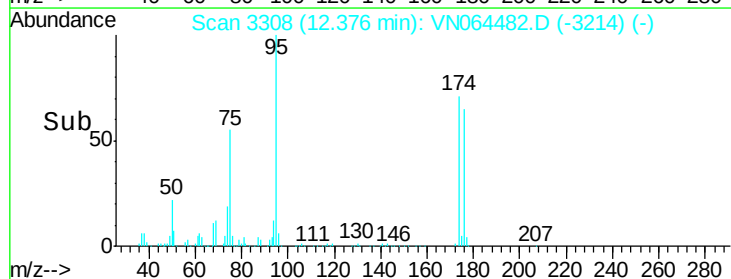
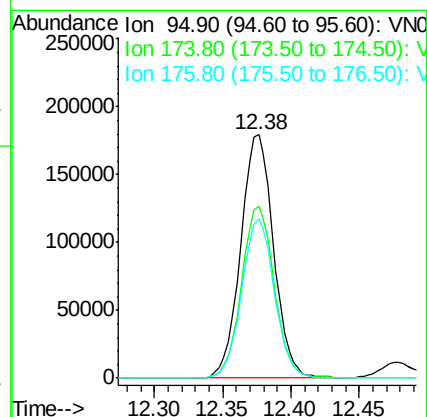
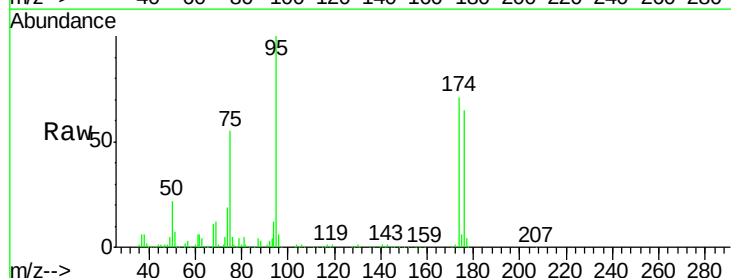
Instrument :
 MSVOA_N
 ClientSampled :
 VN1106WBS01

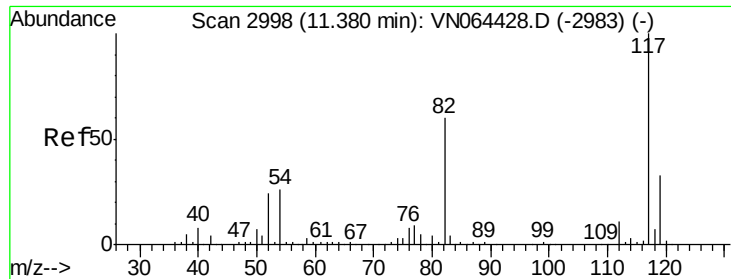
Tot Ion:107 Resp: 85440
 Ion Ratio Lower Upper
 107 100
 109 91.2 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 51.724 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064482.D
 Acq: 6 Nov 2020 14:41

Tgt Ion: 95 Resp: 300067
 Ion Ratio Lower Upper
 95 100
 174 70.4 0.0 132.6
 176 65.2 0.0 129.2

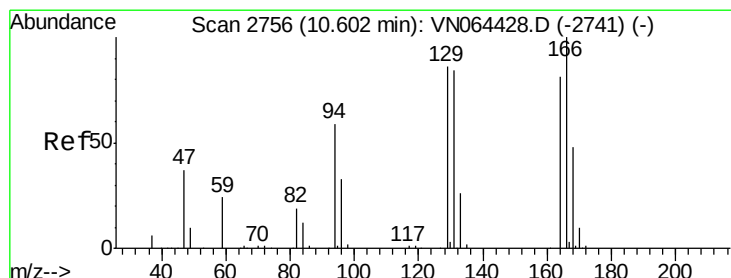
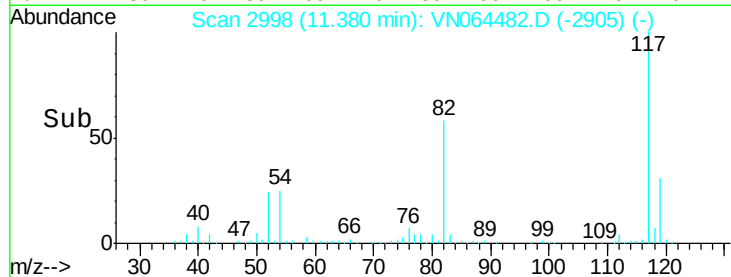
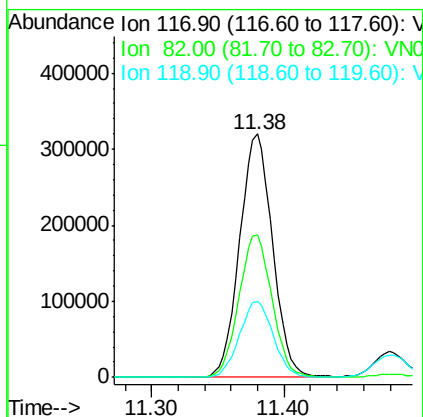
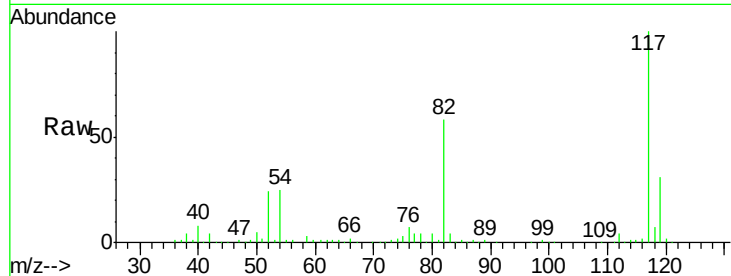




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064482.D
Acq: 6 Nov 2020 14:41

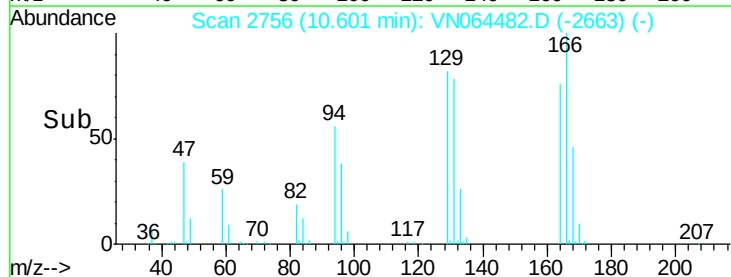
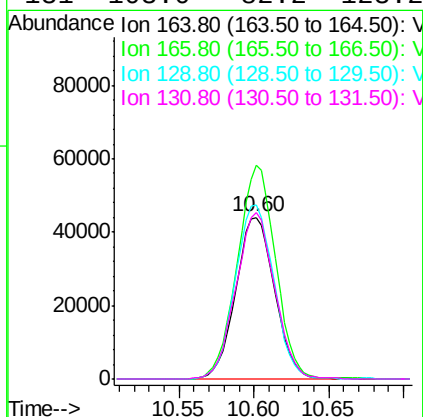
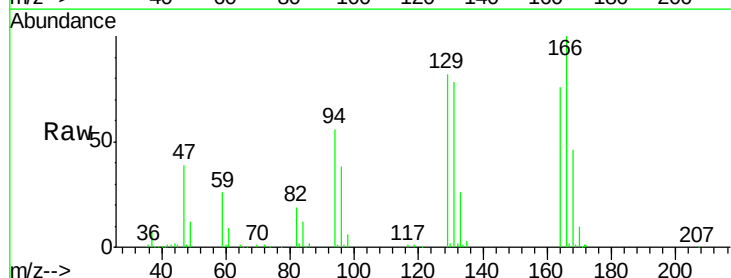
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

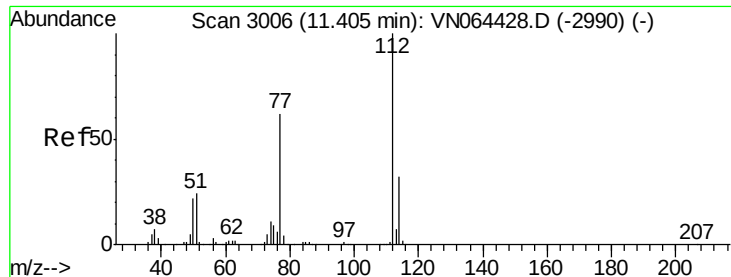
Tot Ion:117 Resp: 553108
Ion Ratio Lower Upper
117 100
82 58.4 48.1 72.1
119 31.4 26.2 39.4



#64
Tetrachloroethene
Concen: 18.689 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064482.D
Acq: 6 Nov 2020 14:41

Tgt Ion:164 Resp: 79628
Ion Ratio Lower Upper
164 100
166 132.1 98.2 147.2
129 107.8 84.6 127.0
131 103.0 82.2 123.2

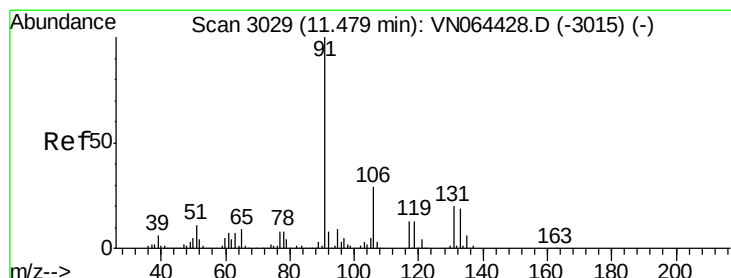
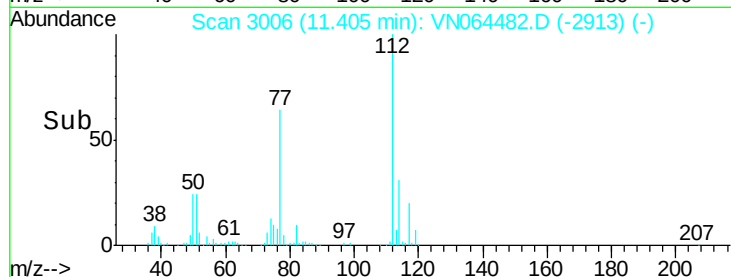
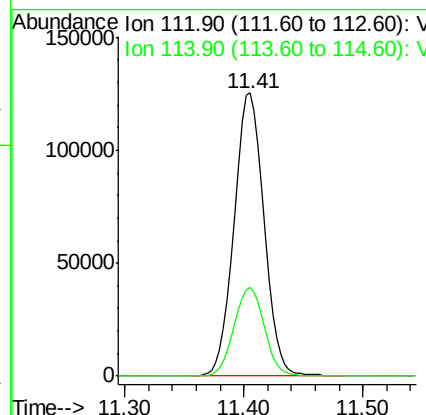
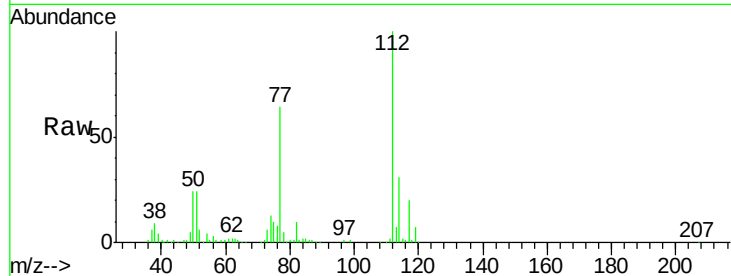




#65
Chlorobenzene
Concen: 18.070 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064482.D
Acq: 6 Nov 2020 14:41

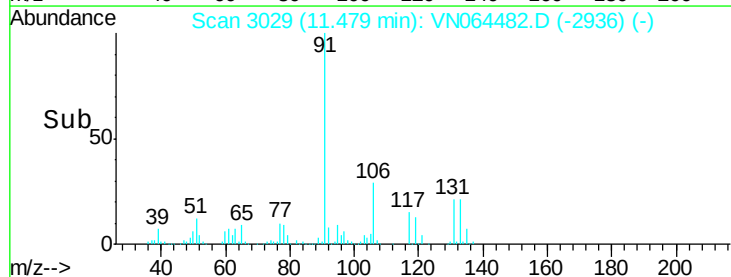
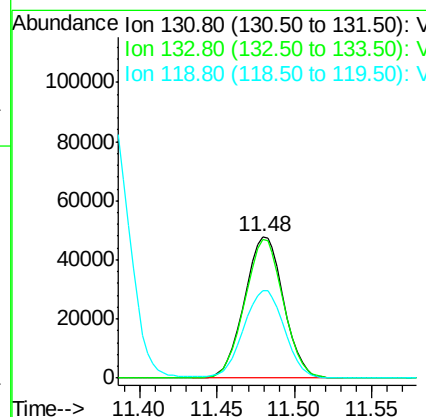
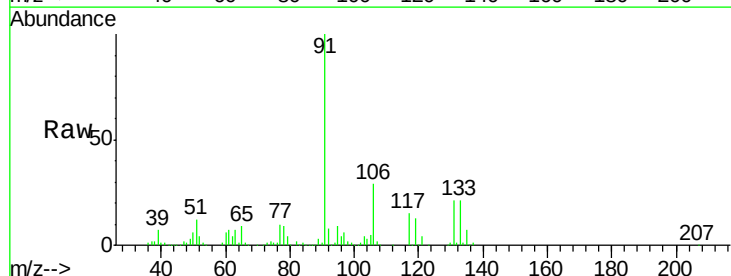
Instrument :
MSVOA_N
ClientSampleId :
VN1106WBS01

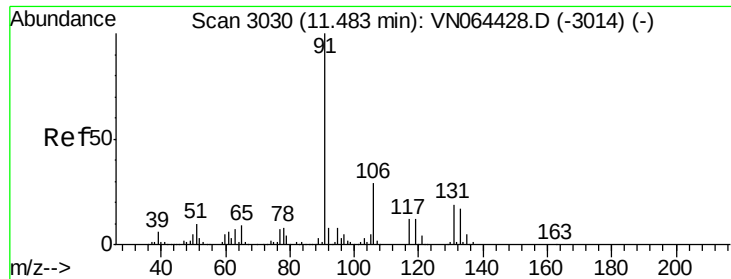
Tot Ion:112 Resp: 219106
Ion Ratio Lower Upper
112 100
114 31.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.693 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064482.D
Acq: 6 Nov 2020 14:41

Tgt Ion:131 Resp: 84558
Ion Ratio Lower Upper
131 100
133 96.5 46.9 140.7
119 64.3 32.1 96.5

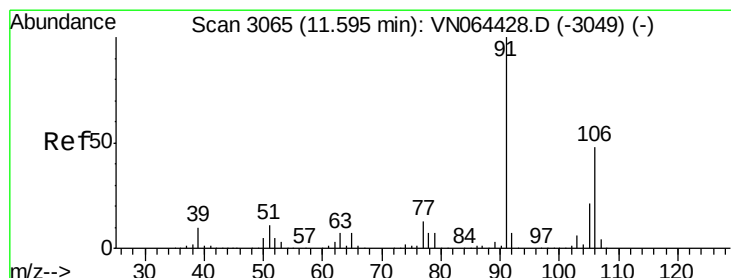
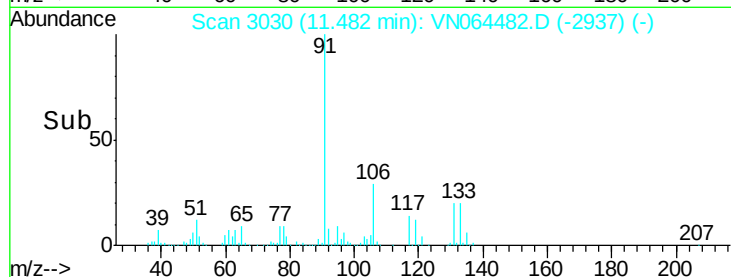
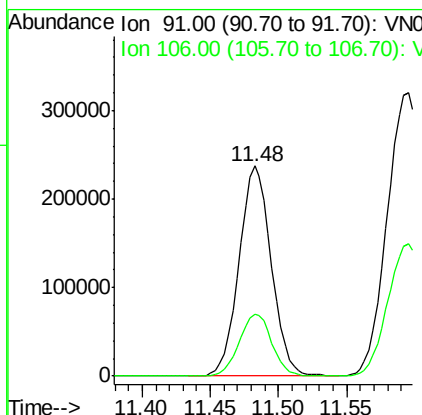
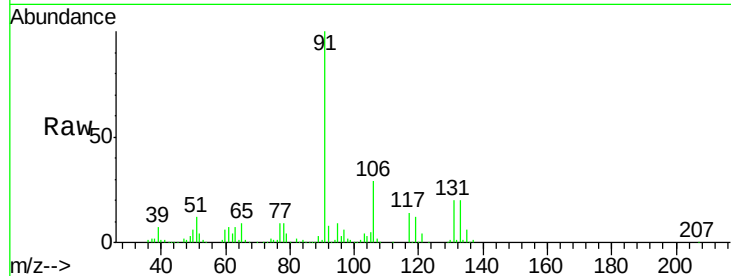




#67
Ethyl Benzene
Concen: 18.032 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064482.D
Acq: 6 Nov 2020 14:41

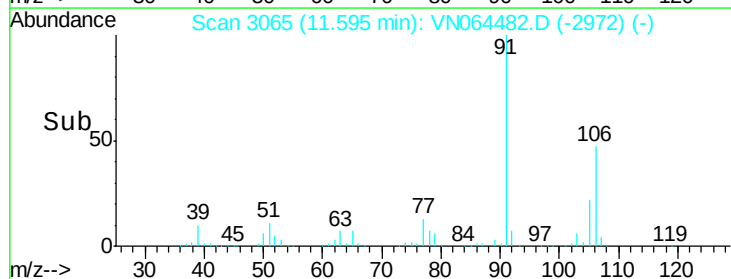
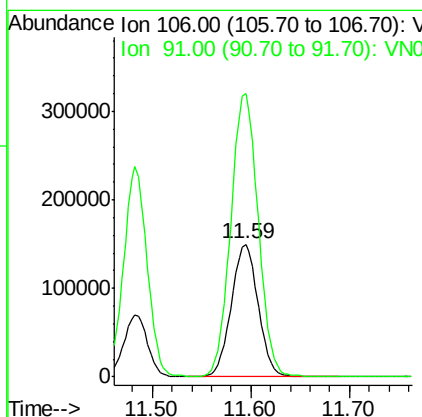
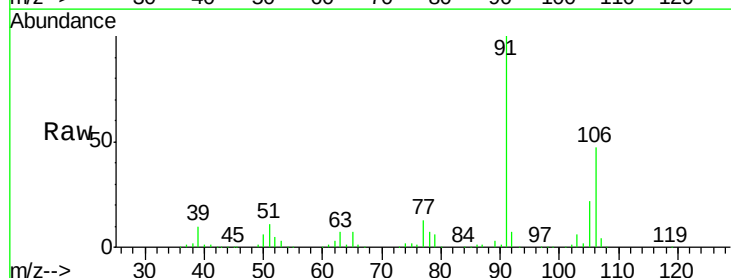
Instrument :
MSVOA_N
ClientSampled :
VN1106WBS01

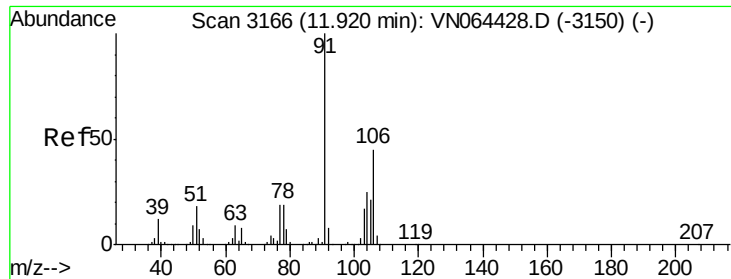
Tot Ion: 91 Resp: 388909
Ion Ratio Lower Upper
91 100
106 29.4 23.6 35.4



#68
m/p-Xylenes
Concen: 36.355 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064482.D
Acq: 6 Nov 2020 14:41

Tgt Ion: 106 Resp: 284360
Ion Ratio Lower Upper
106 100
91 217.7 169.4 254.2

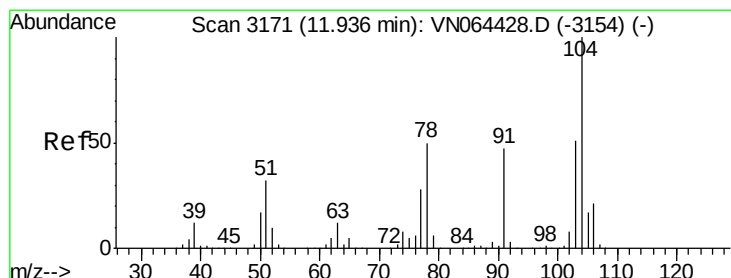
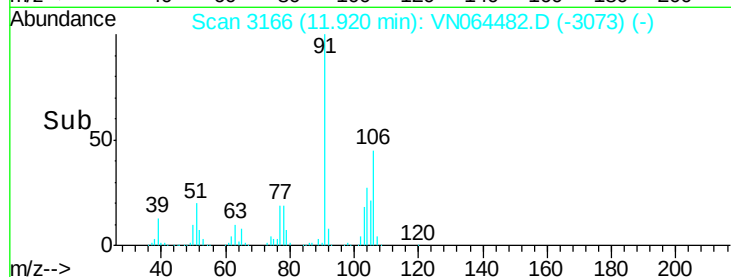
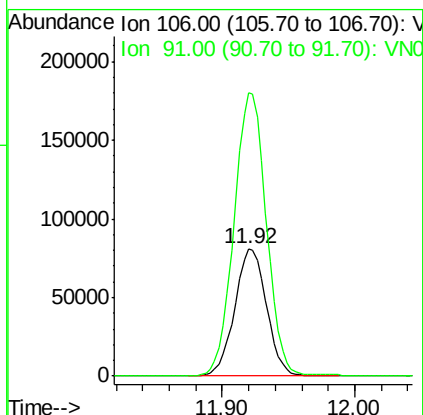
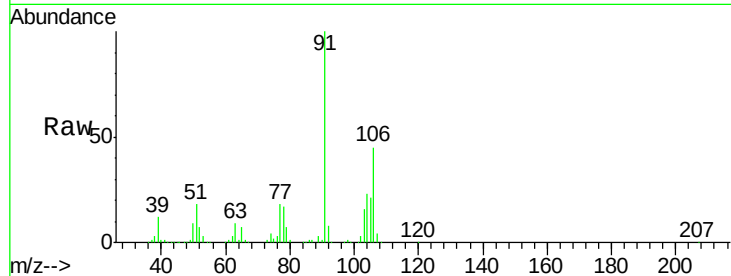




#69
o-Xylene
Concen: 17.861 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064482.D
Acq: 6 Nov 2020 14:41

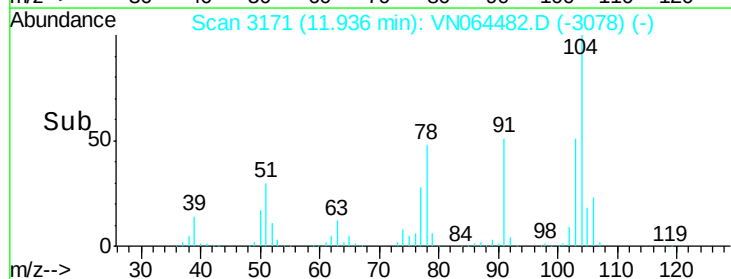
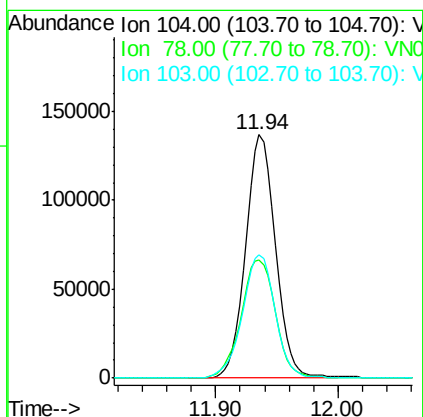
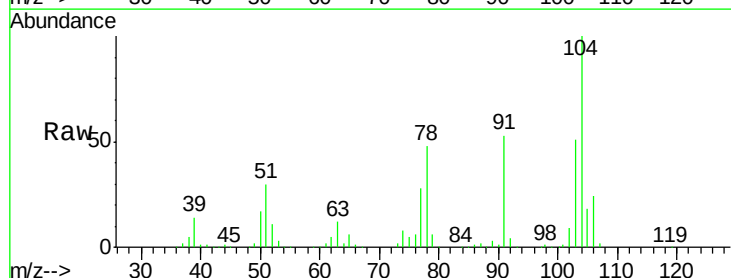
Instrument :
MSVOA_N
ClientSampled :
VN1106WBS01

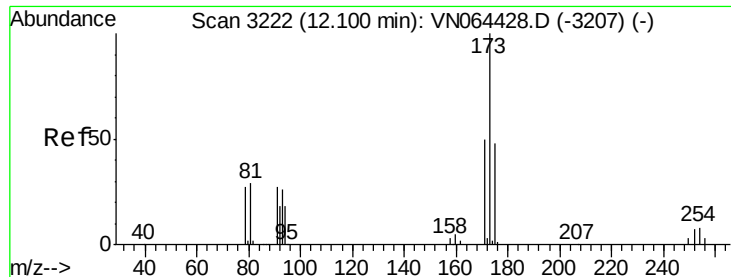
Tot Ion:106 Resp: 134999
Ion Ratio Lower Upper
106 100
91 226.8 111.7 334.9



#70
Styrene
Concen: 18.107 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064482.D
Acq: 6 Nov 2020 14:41

Tgt Ion:104 Resp: 230299
Ion Ratio Lower Upper
104 100
78 56.0 44.0 66.0
103 55.7 43.8 65.6





#71

Bromoform

Concen: 17.585 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS01

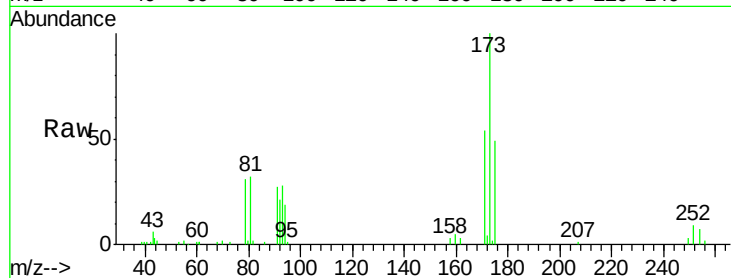
Tot Ion:173 Resp: 56847

Ion Ratio Lower Upper

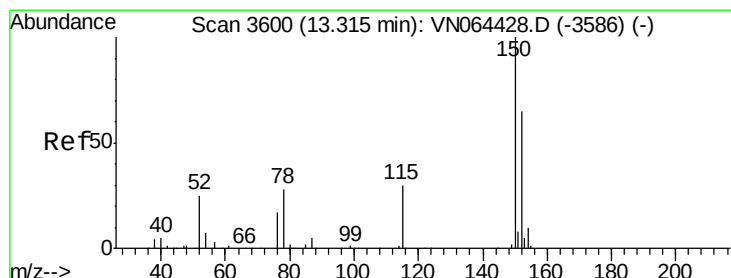
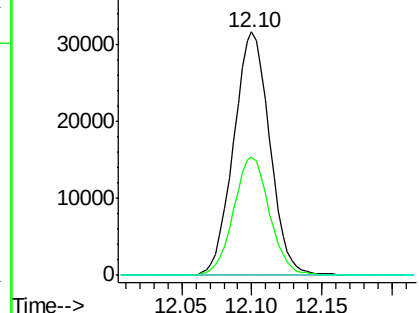
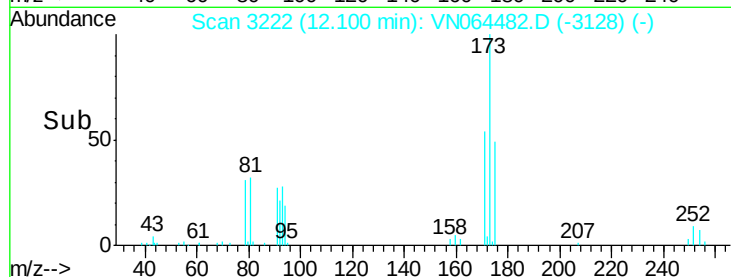
173 100

175 48.3 23.7 71.1

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# 3600

Delta R.T. -0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

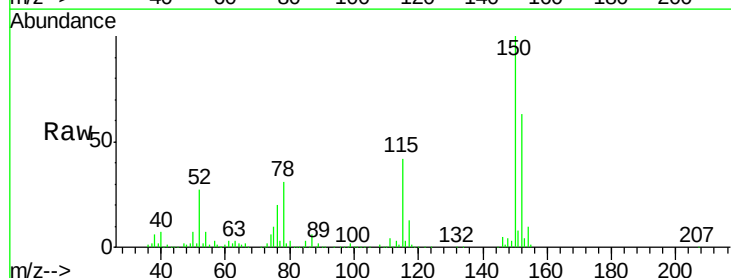
Tgt Ion:152 Resp: 244752

Ion Ratio Lower Upper

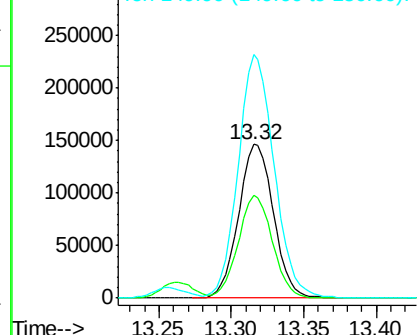
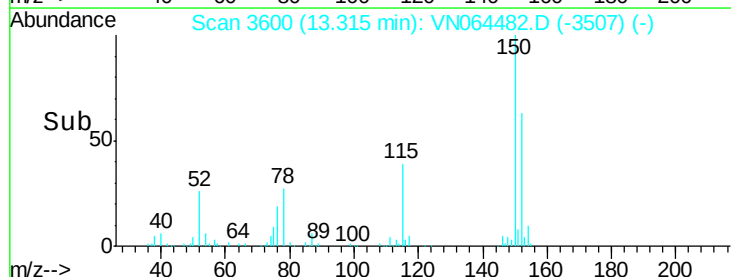
152 100

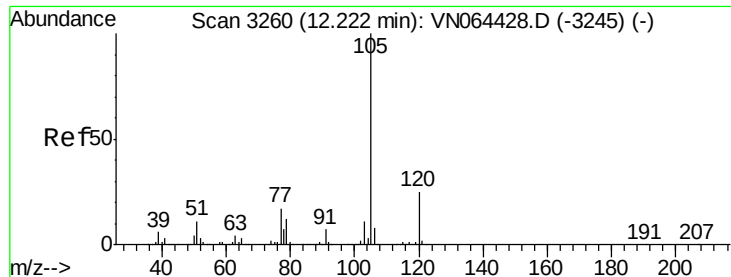
115 65.2 32.0 96.0

150 162.2 0.0 353.8



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: 18.136 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

Instrument :

MSVOA_N

ClientSampled :

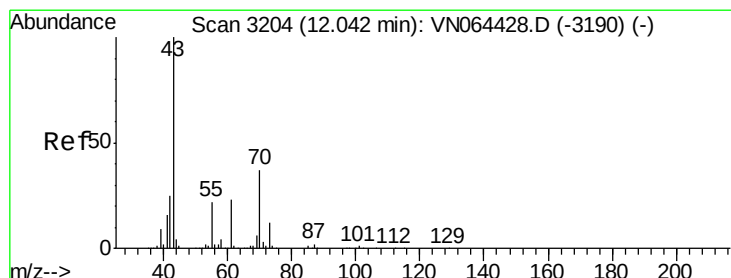
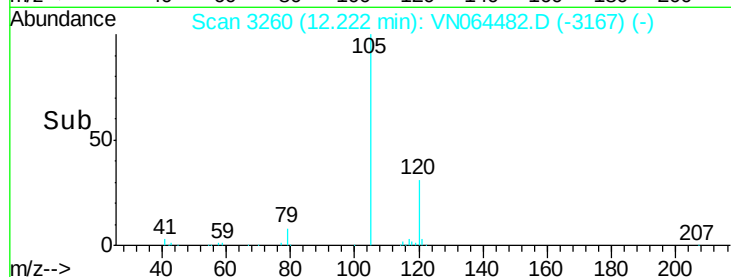
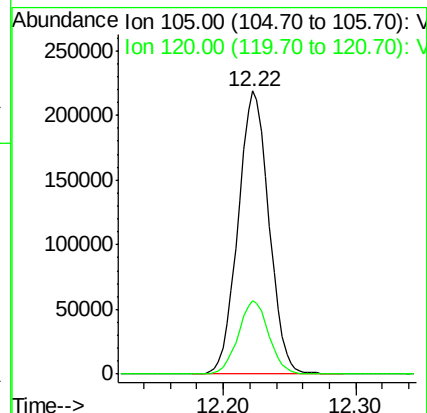
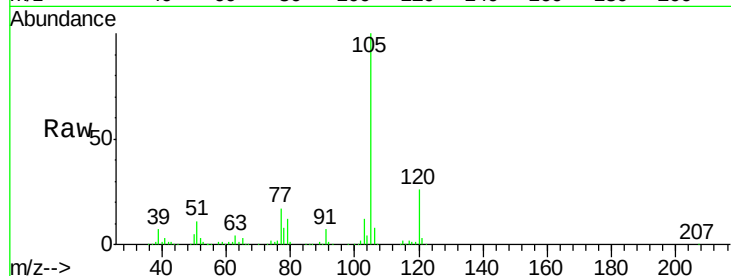
VN1106WBS01

Tot Ion:105 Resp: 352817

Ion Ratio Lower Upper

105 100

120 25.7 12.8 38.3



#74

N-ethyl acetate

Concen: 16.907 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

Tgt Ion: 43 Resp: 151745

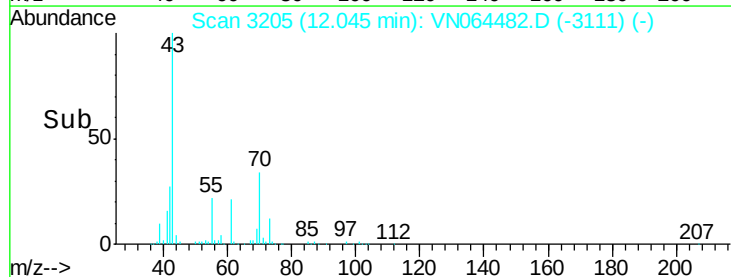
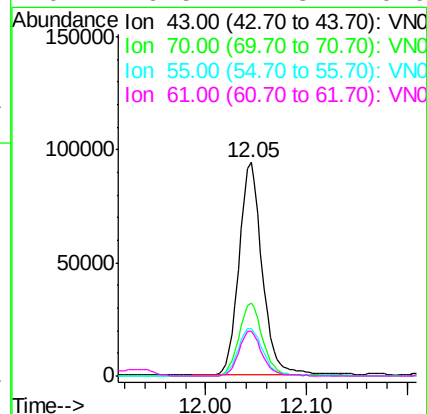
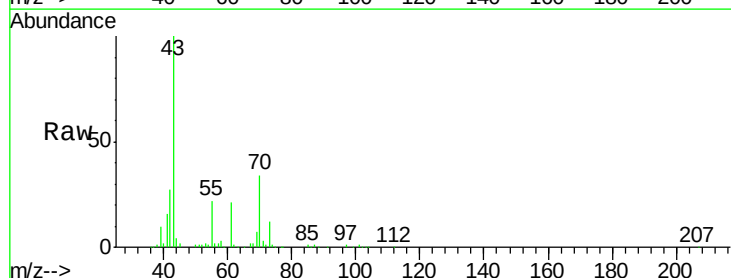
Ion Ratio Lower Upper

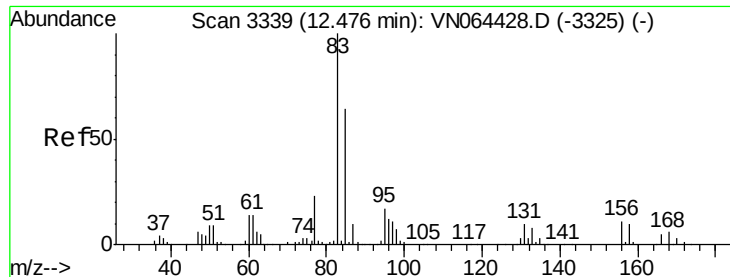
43 100

70 34.8 29.6 44.4

55 24.1 18.4 27.6

61 20.5 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.478 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS01

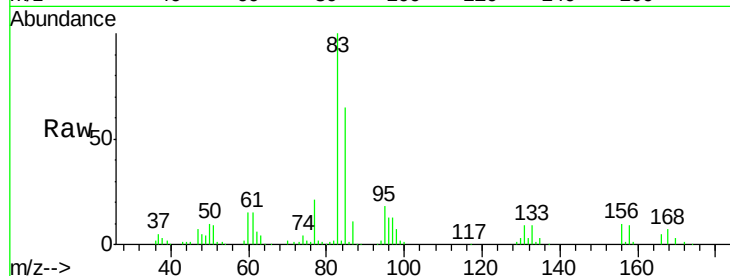
Tot Ion: 83 Resp: 110410

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

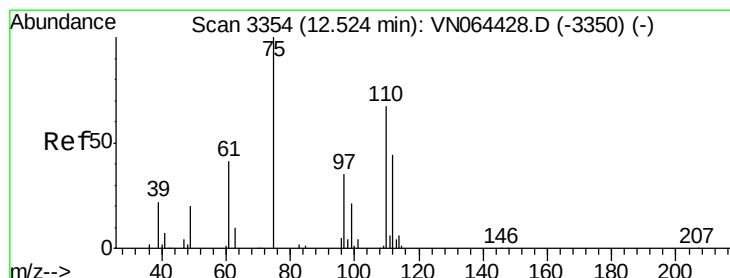
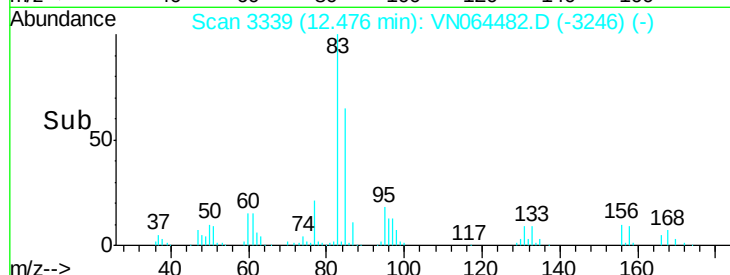
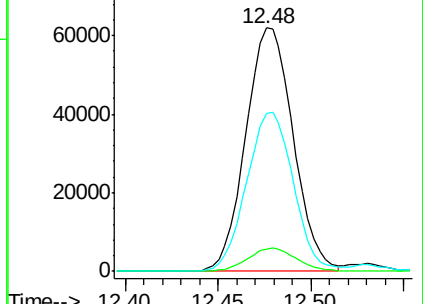
85 64.4 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN064482.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN064482.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN064482.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 25.660 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064482.D

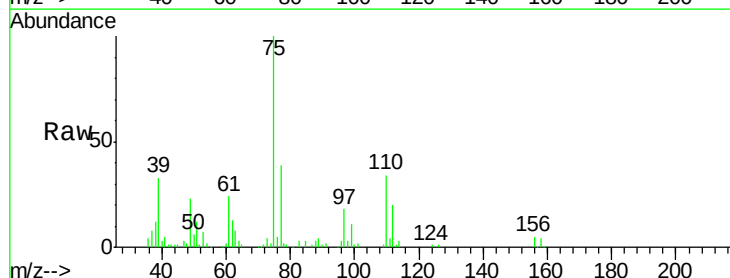
Acq: 6 Nov 2020 14:41

Tgt Ion: 75 Resp: 152167

Ion Ratio Lower Upper

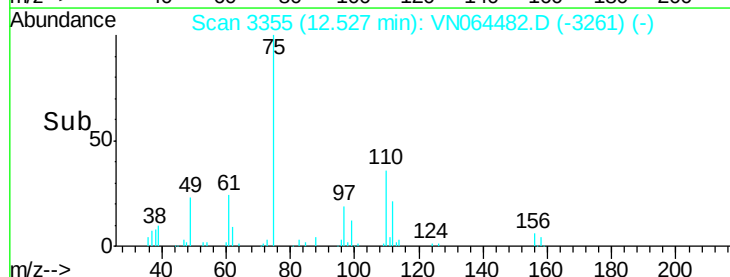
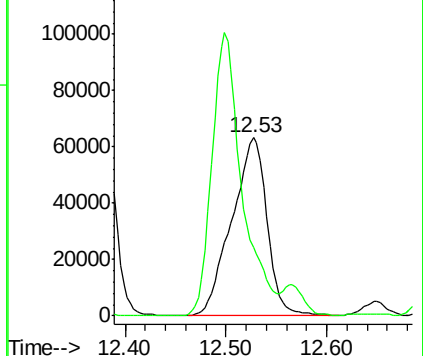
75 100

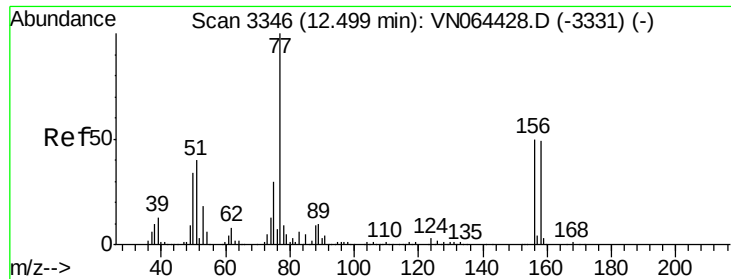
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064482.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN064482.D (-3350) (-)





#77

Bromobenzene

Concen: 18.508 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

Instrument :

MSVOA_N

ClientSampled :

VN1106WBS01

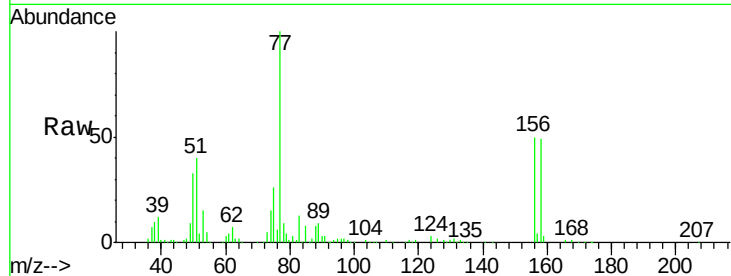
Tot Ion:156 Resp: 87904

Ion Ratio Lower Upper

156 100

77 235.9 119.0 357.0

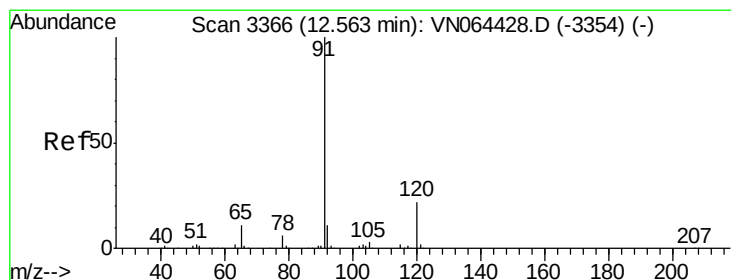
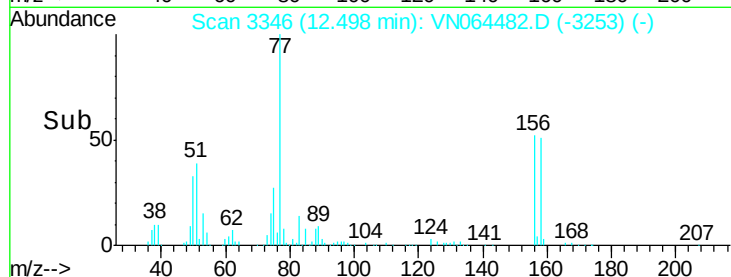
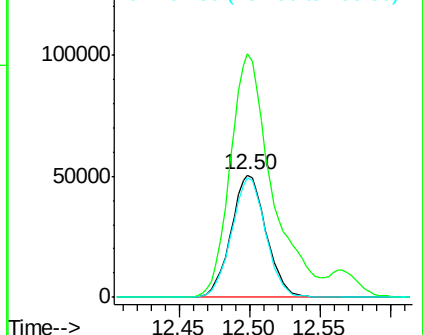
158 95.0 48.4 145.3



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: 18.724 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064482.D

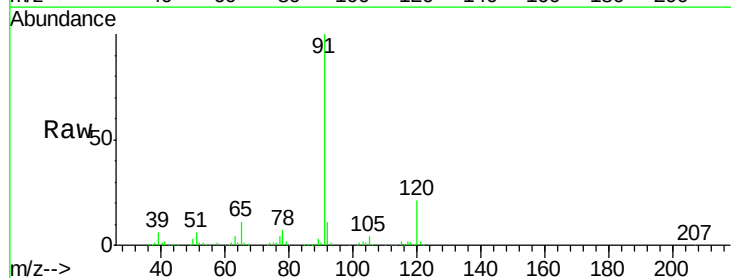
Acq: 6 Nov 2020 14:41

Tgt Ion: 91 Resp: 415278

Ion Ratio Lower Upper

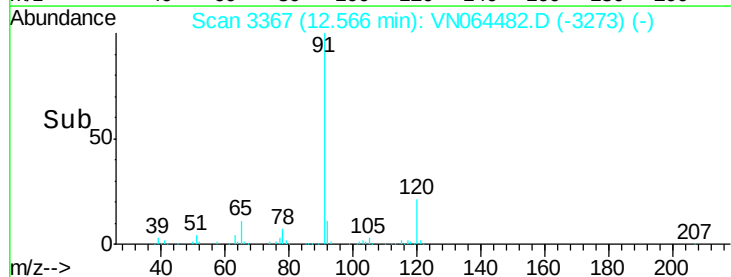
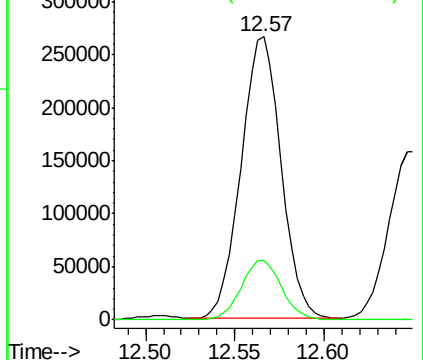
91 100

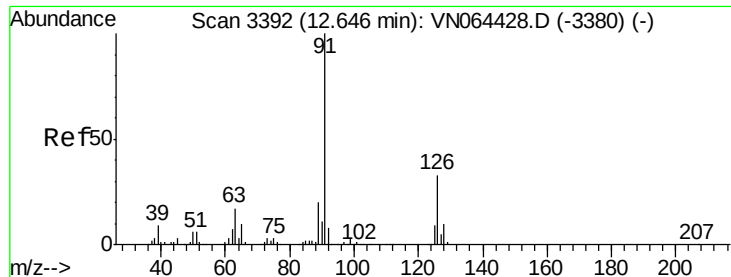
120 21.4 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.521 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

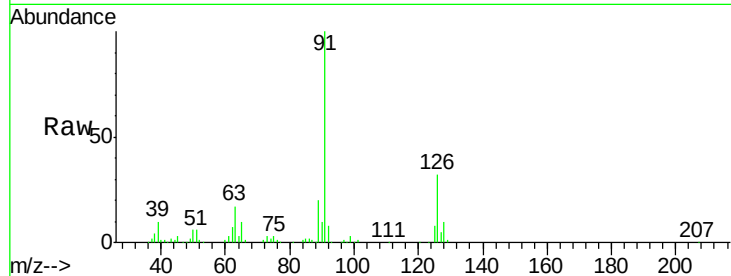
VN1106WBS01

Tot Ion: 91 Resp: 260528

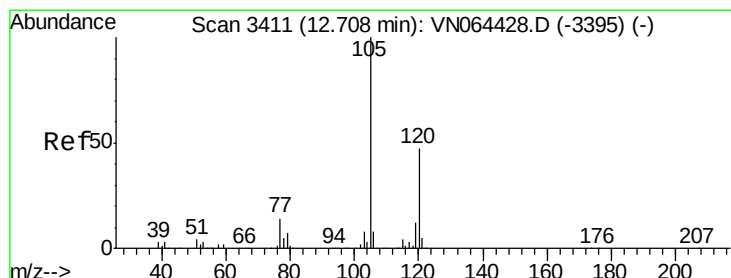
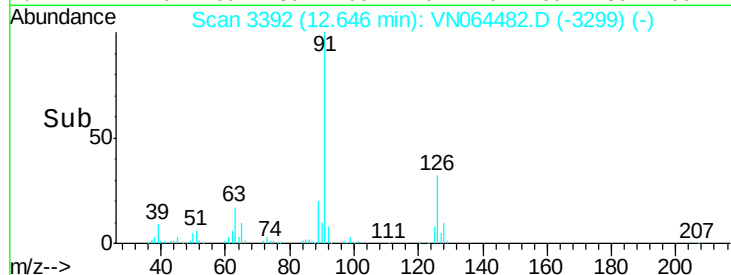
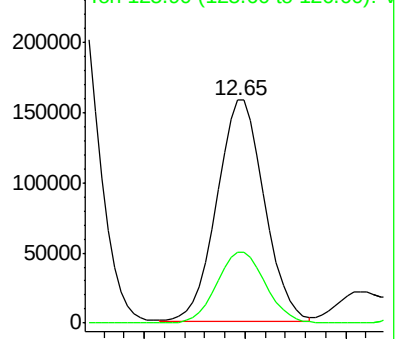
Ion Ratio Lower Upper

91 100

126 33.0 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.873 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064482.D

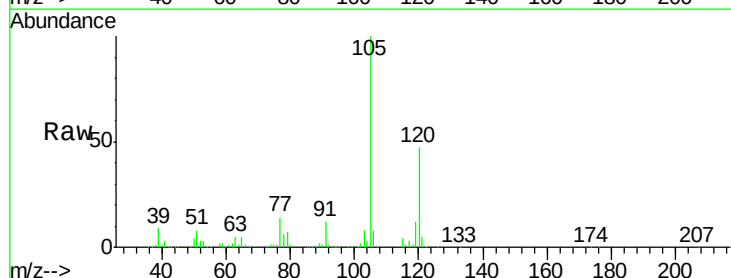
Acq: 6 Nov 2020 14:41

Tgt Ion: 105 Resp: 302891

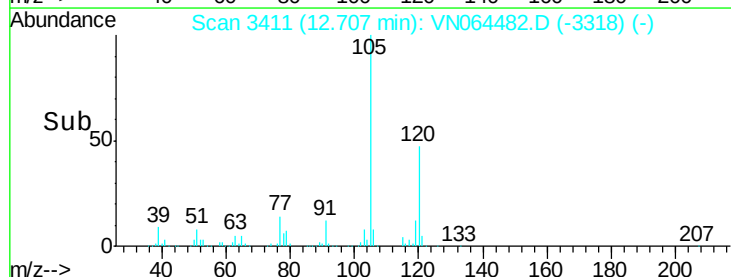
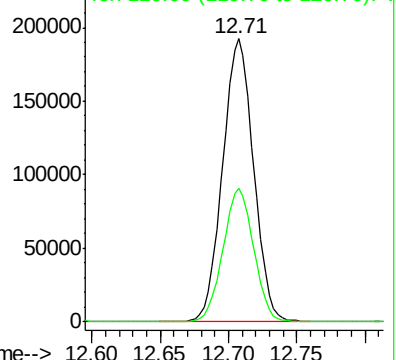
Ion Ratio Lower Upper

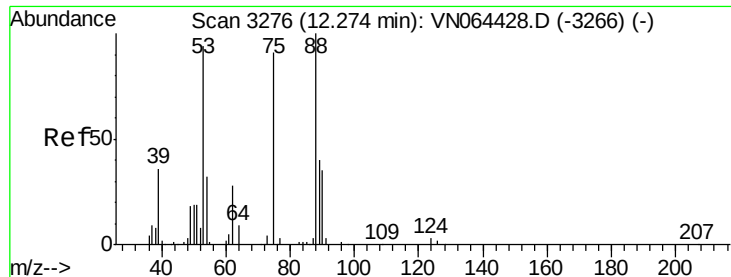
105 100

120 46.9 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN064428.D (-3395) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.717 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS01

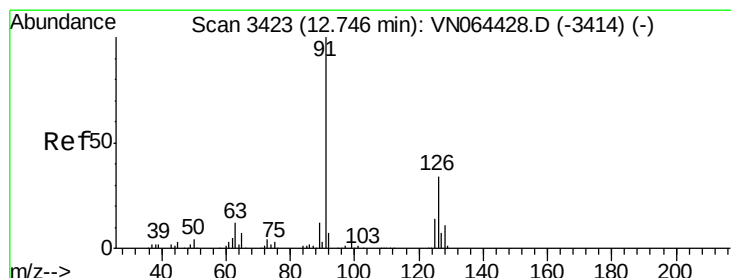
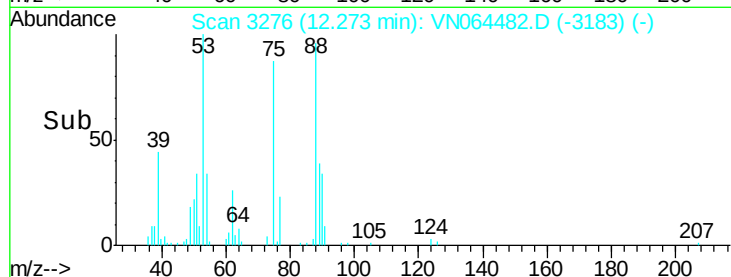
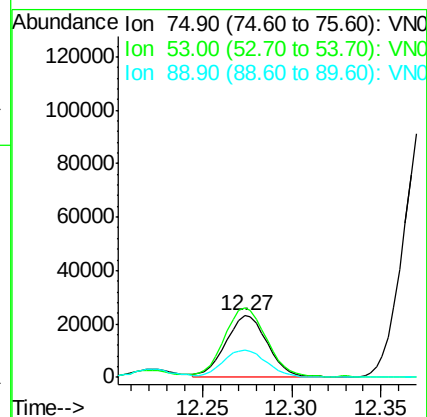
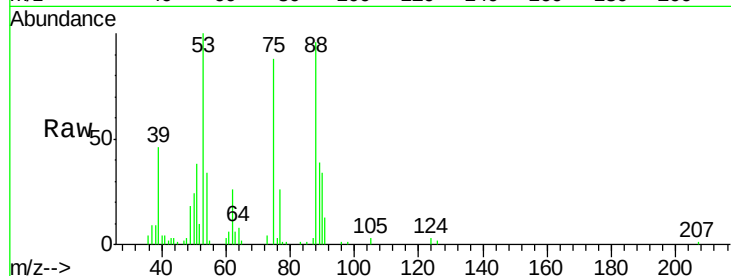
Tot Ion: 75 Resp: 37629

Ion Ratio Lower Upper

75 100

53 113.6 84.0 126.0

89 46.7 36.3 54.5



#82

4-Chlorotoluene

Concen: 19.022 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064482.D

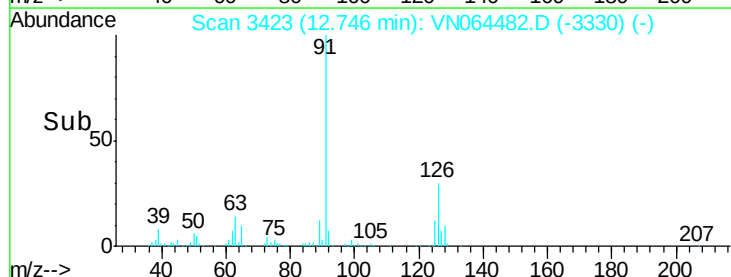
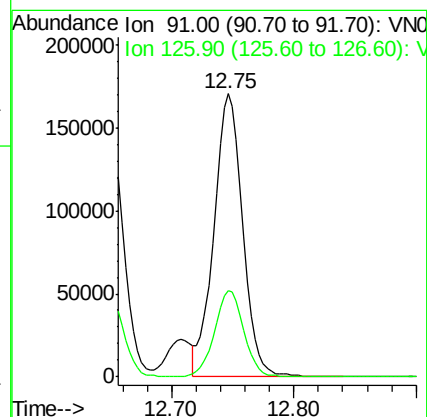
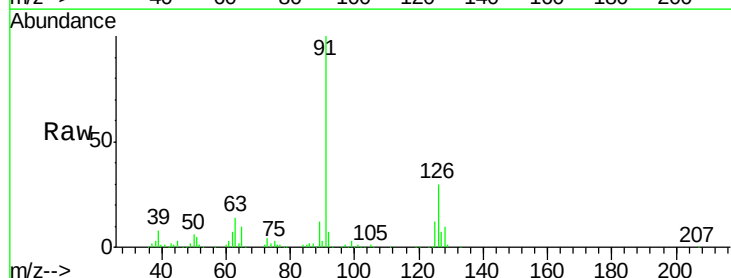
Acq: 6 Nov 2020 14:41

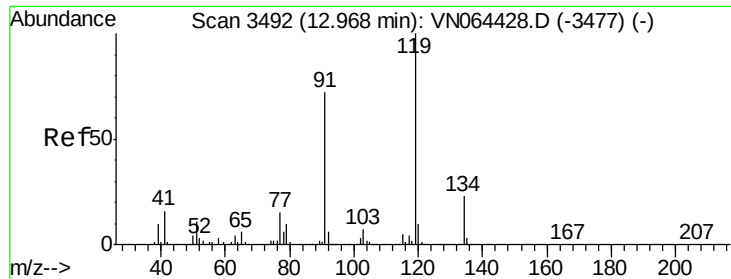
Tgt Ion: 91 Resp: 280225

Ion Ratio Lower Upper

91 100

126 31.1 15.4 46.2

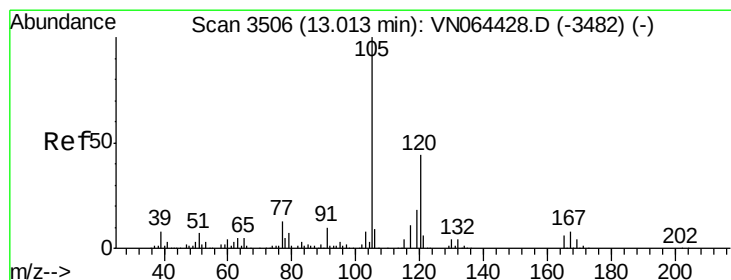
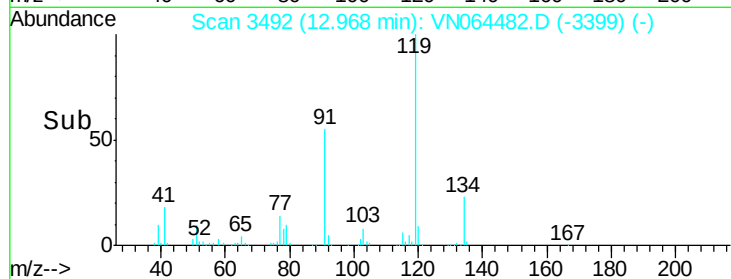
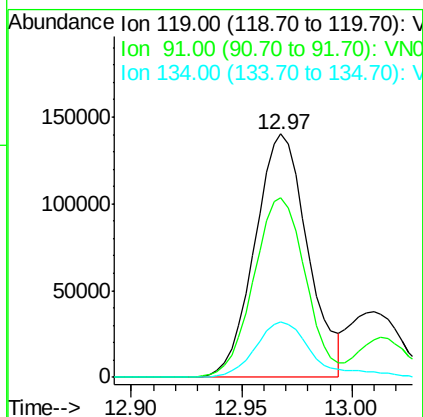
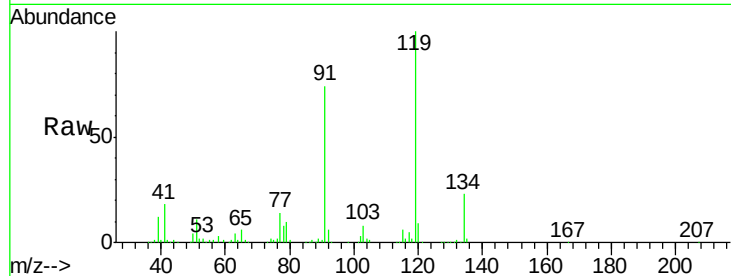




#83
 tert-Butylbenzene
 Concen: 18.622 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064482.D
 Acq: 6 Nov 2020 14:41

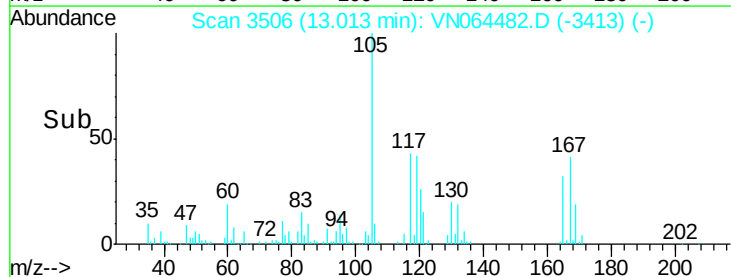
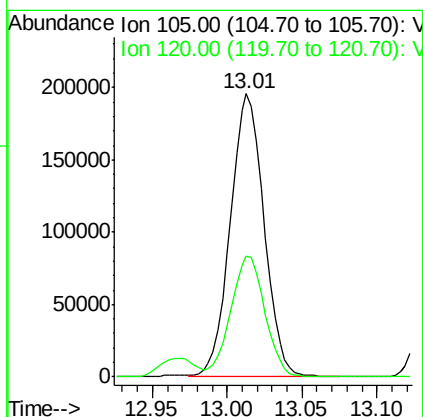
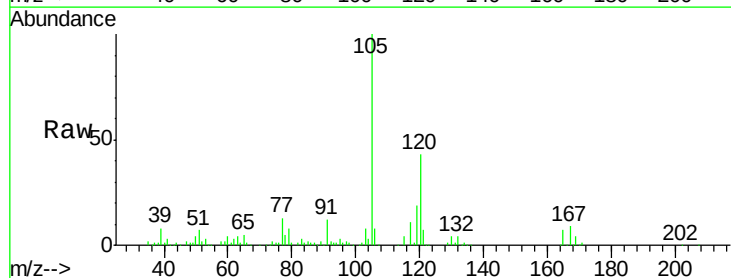
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

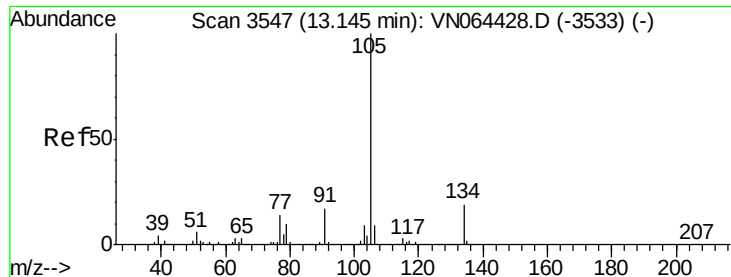
Tot Ion:119 Resp: 233415
 Ion Ratio Lower Upper
 119 100
 91 71.9 36.1 108.3
 134 24.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.929 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064482.D
 Acq: 6 Nov 2020 14:41

Tgt Ion:105 Resp: 305395
 Ion Ratio Lower Upper
 105 100
 120 43.2 21.9 65.7





#85

sec-Butylbenzene

Concen: 19.369 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

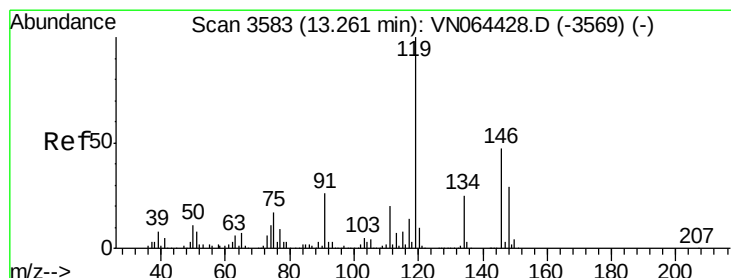
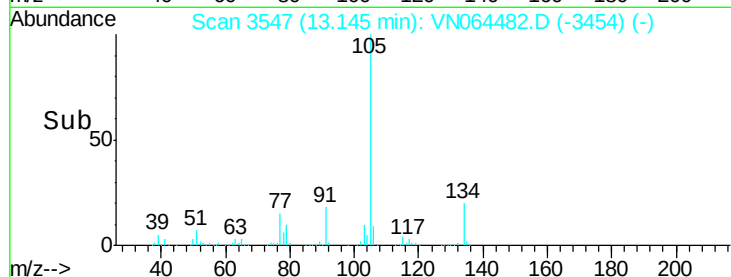
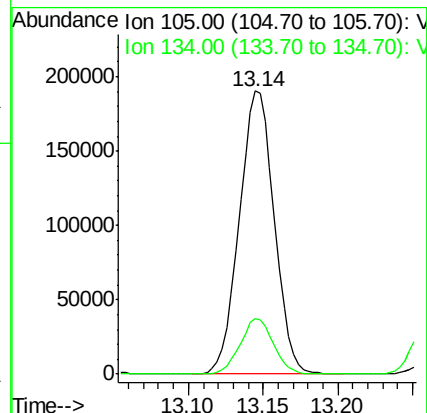
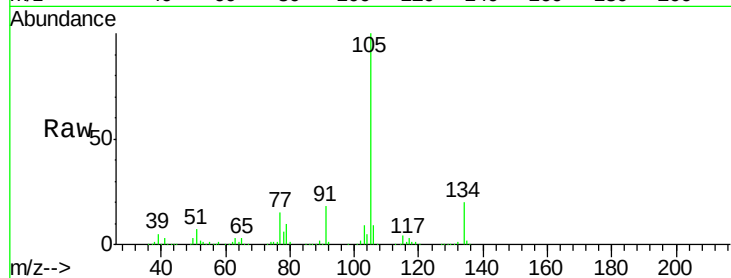
VN1106WBS01

Tot Ion:105 Resp: 307462

Ion Ratio Lower Upper

105 100

134 18.8 9.4 28.2



#86

p-Isopropyltoluene

Concen: 18.958 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

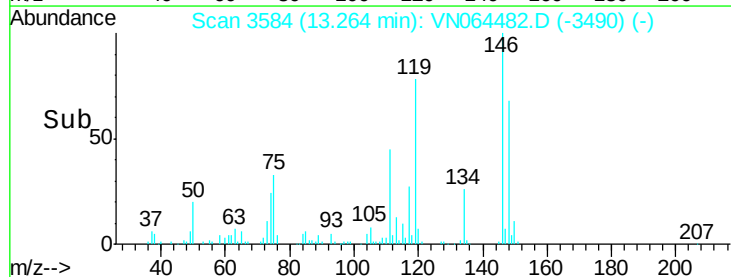
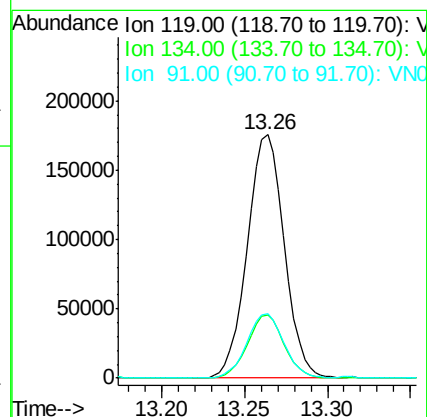
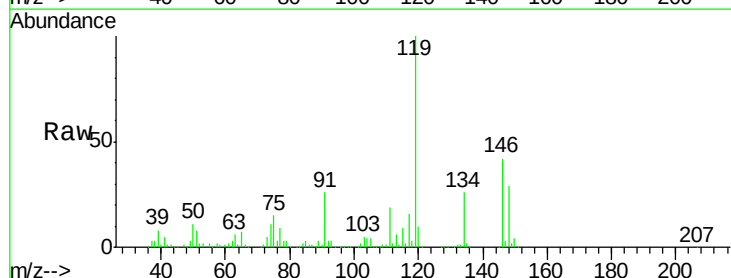
Tgt Ion:119 Resp: 270691

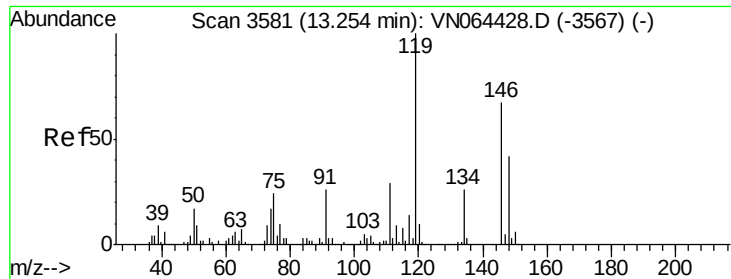
Ion Ratio Lower Upper

119 100

134 25.8 12.6 37.6

91 26.3 12.8 38.3

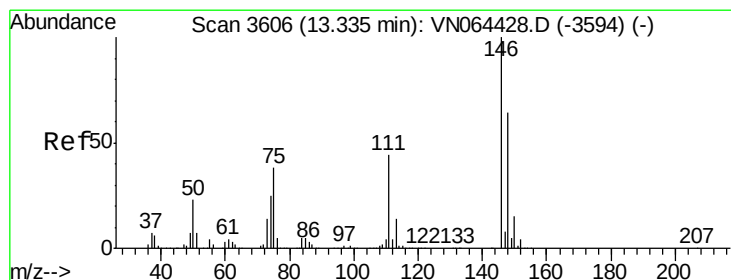
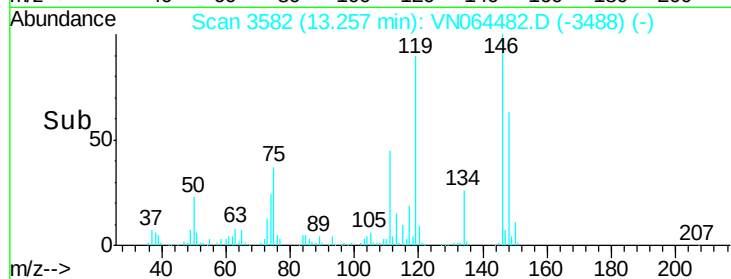
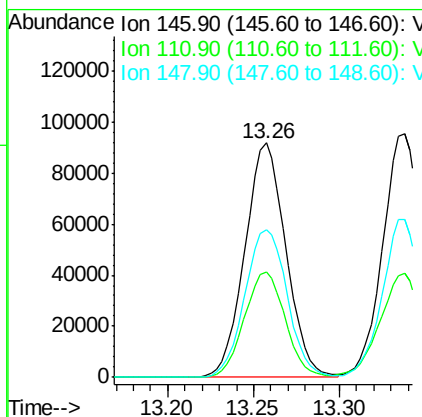
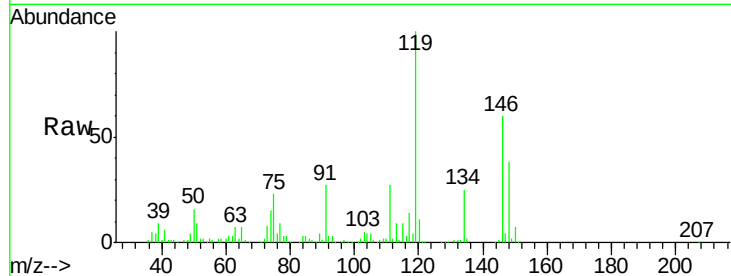




#87
 1,3-Dichlorobenzene
 Concen: 18.496 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064482.D
 Acq: 6 Nov 2020 14:41

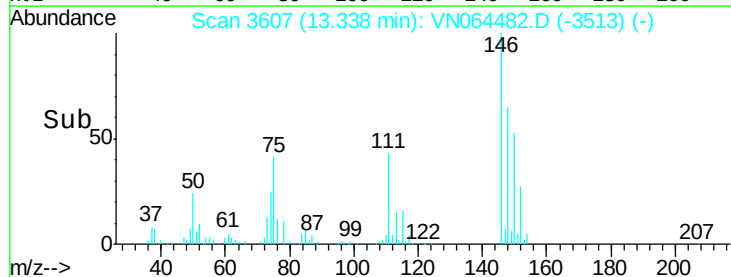
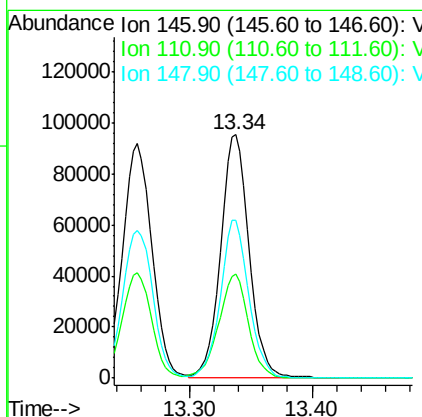
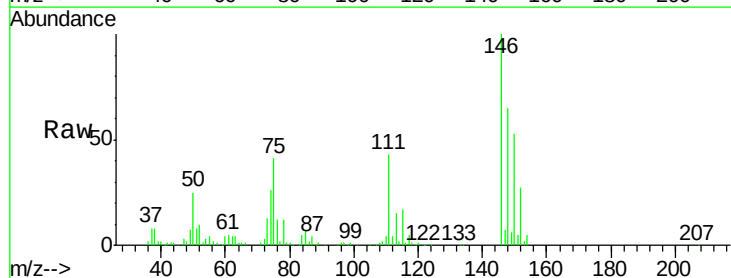
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

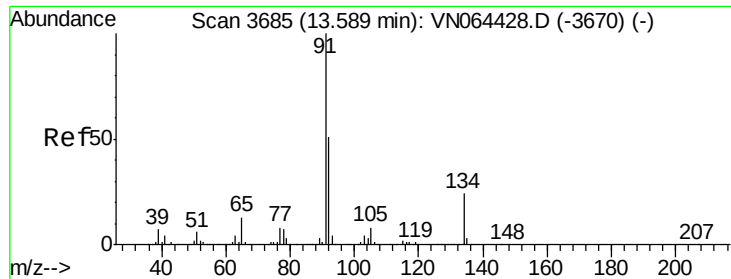
Tot Ion:146 Resp: 151857
 Ion Ratio Lower Upper
 146 100
 111 44.9 22.1 66.1
 148 65.1 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 18.494 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064482.D
 Acq: 6 Nov 2020 14:41

Tgt Ion:146 Resp: 156912
 Ion Ratio Lower Upper
 146 100
 111 43.7 21.8 65.3
 148 64.0 32.4 97.2





#89

n-Butylbenzene

Concen: 19.341 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

VN1106WBS01

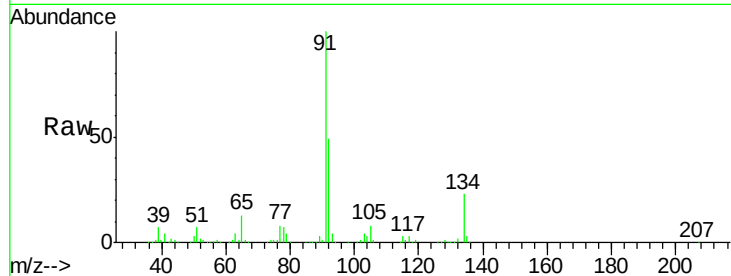
Tot Ion: 91 Resp: 237445

Ion Ratio Lower Upper

91 100

92 49.5 25.3 75.9

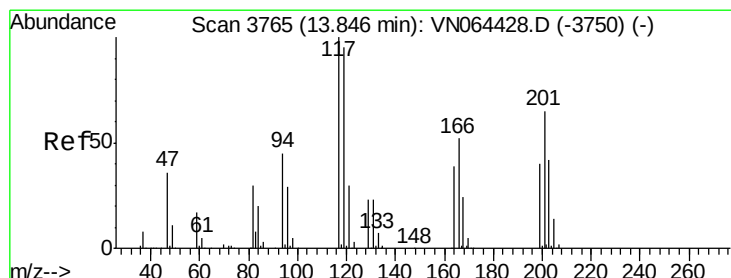
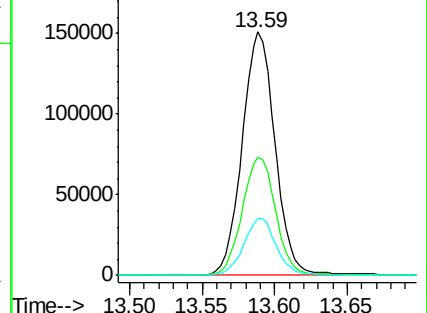
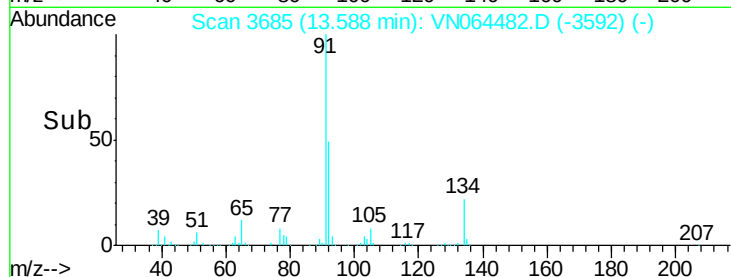
134 23.2 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN064482.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN064482.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN064482.D (-3670) (-)



#90

Hexachloroethane

Concen: 19.025 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064482.D

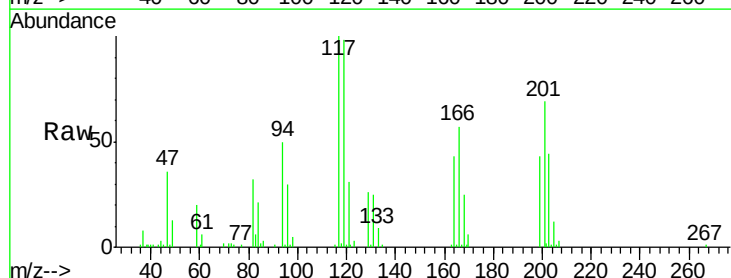
Acq: 6 Nov 2020 14:41

Tgt Ion: 117 Resp: 52402

Ion Ratio Lower Upper

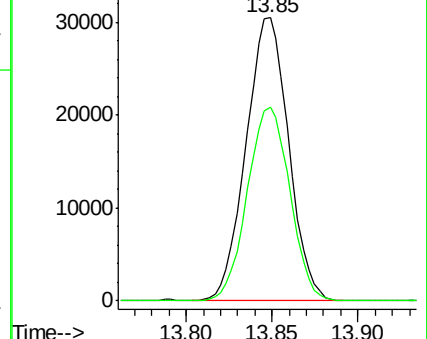
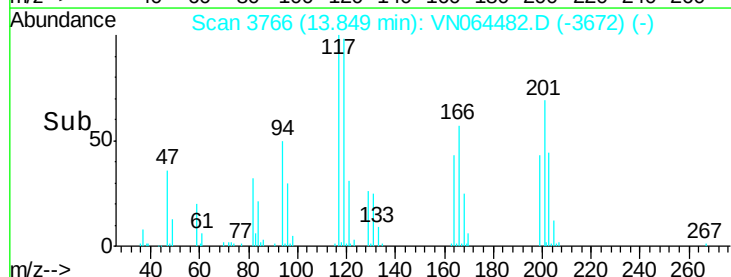
117 100

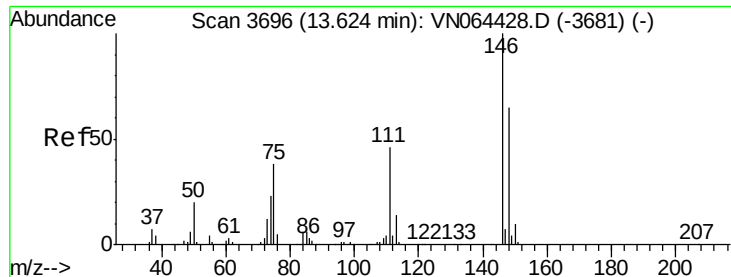
201 68.0 32.5 97.5



Abundance Ion 116.80 (116.50 to 117.50): VN064482.D (-3750) (-)

Ion 200.70 (200.40 to 201.40): VN064482.D (-3750) (-)

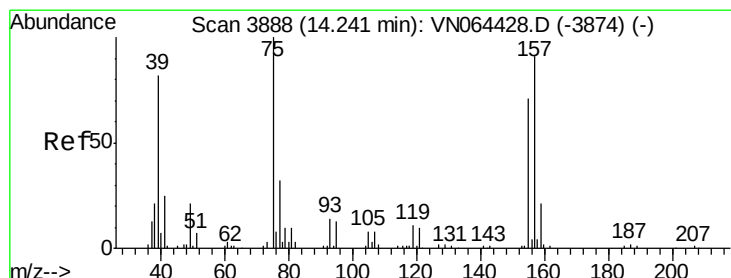
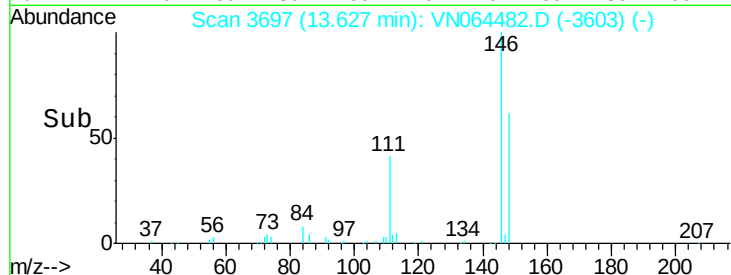
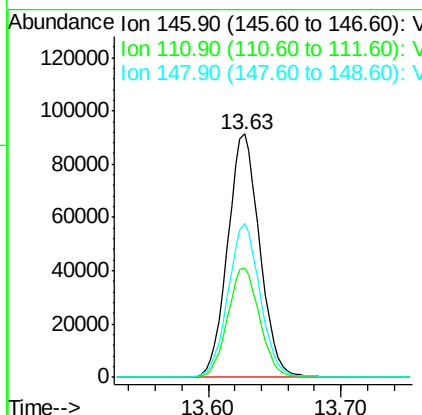
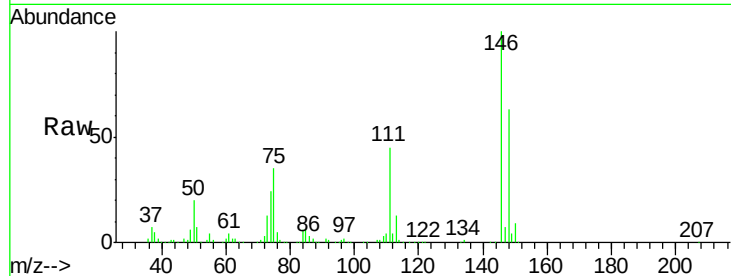




#91
 1,2-Dichlorobenzene
 Concen: 19.444 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064482.D
 Acq: 6 Nov 2020 14:41

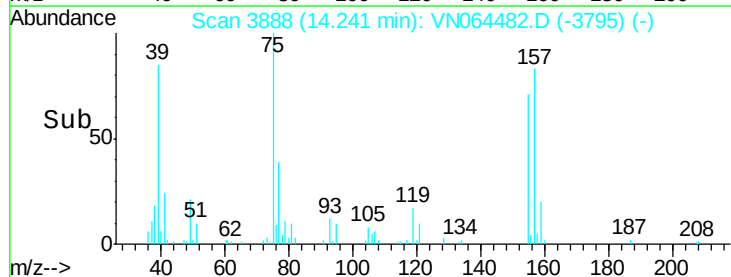
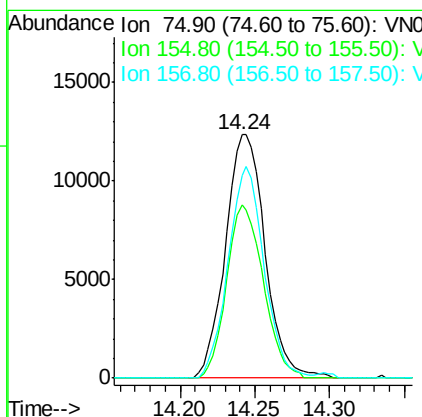
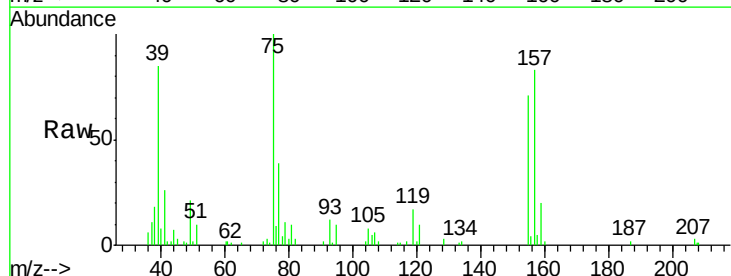
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

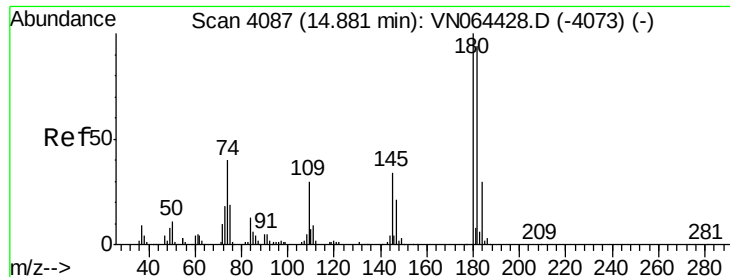
Tot Ion:146 Resp: 153556
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.9 68.7
 148 63.1 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.145 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064482.D
 Acq: 6 Nov 2020 14:41

Tgt Ion: 75 Resp: 22776
 Ion Ratio Lower Upper
 75 100
 155 66.1 34.6 103.9
 157 78.8 43.0 128.8

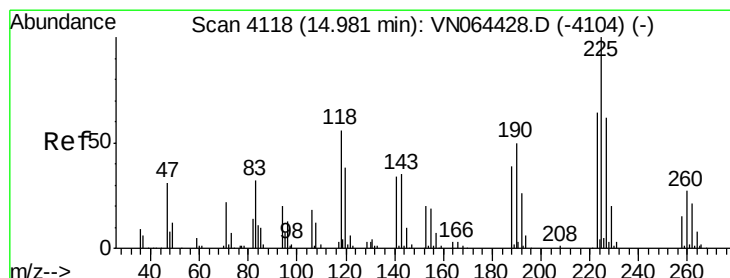
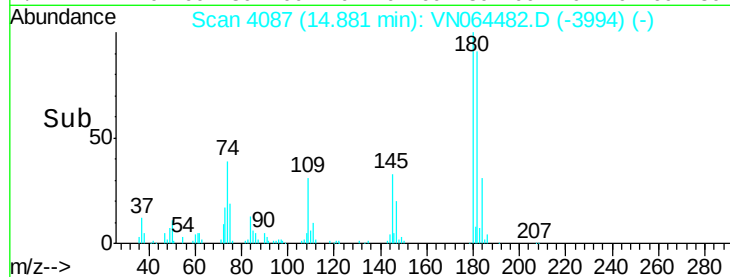
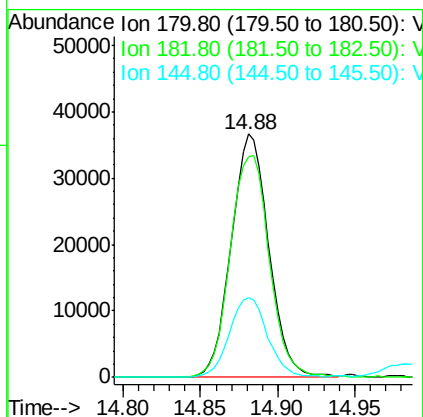
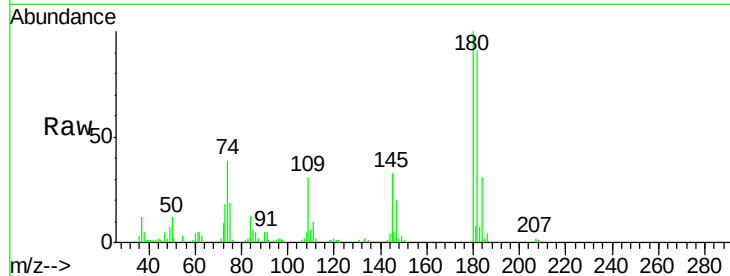




#93
 1,2,4-Trichlorobenzene
 Concen: 17.541 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064482.D
 Acq: 6 Nov 2020 14:41

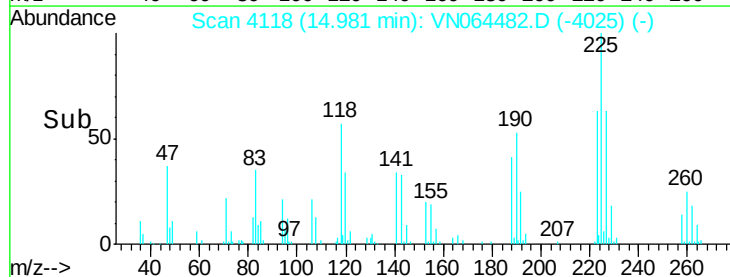
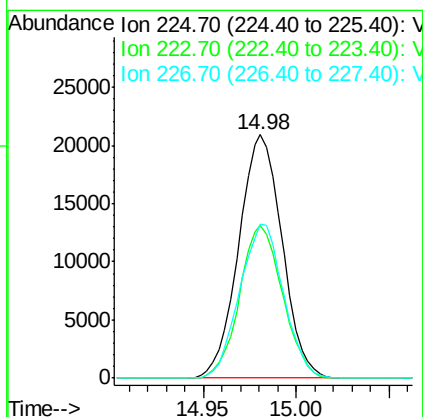
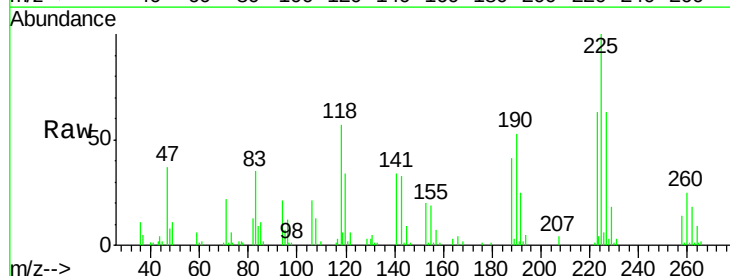
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1106WBS01

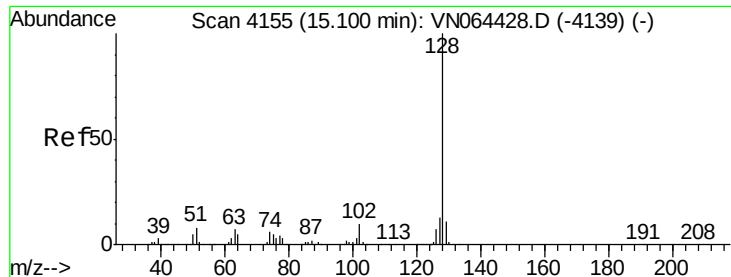
Tot Ion:180 Resp: 61717
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.3 142.0
 145 33.3 16.7 50.1



#94
 Hexachlorobutadiene
 Concen: 21.174 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064482.D
 Acq: 6 Nov 2020 14:41

Tgt Ion:225 Resp: 34045
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.8 95.4
 227 63.8 31.8 95.4





#95

Naphthalene

Concen: 16.153 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

Instrument :

MSVOA_N

ClientSampled :

VN1106WBS01

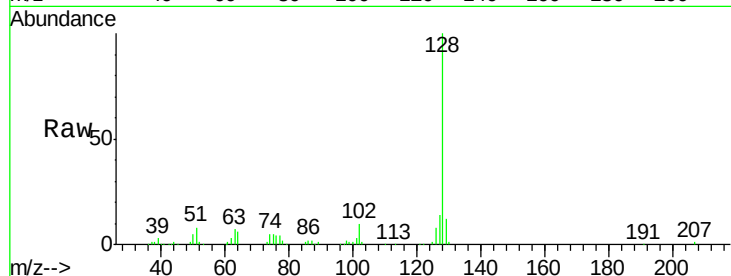
Tot Ion:128 Resp: 181346

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

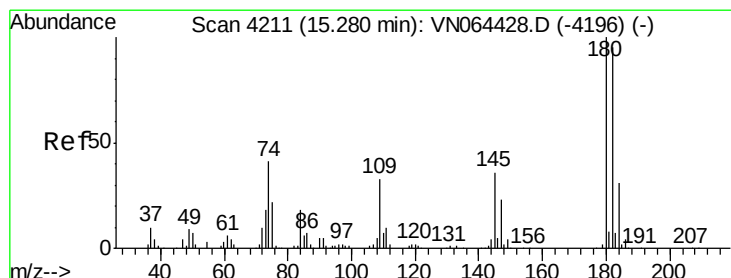
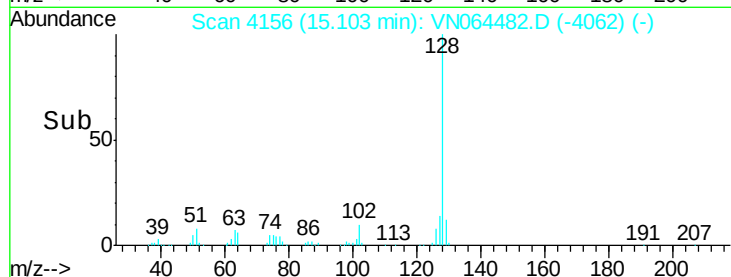
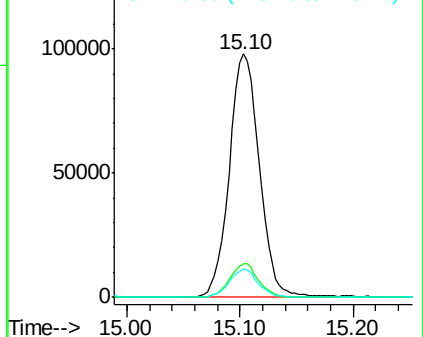
129 11.2 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.910 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064482.D

Acq: 6 Nov 2020 14:41

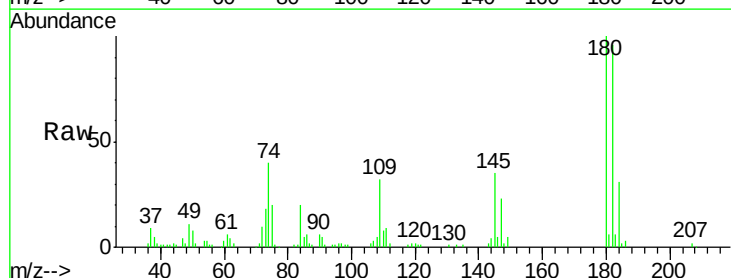
Tgt Ion:180 Resp: 60887

Ion Ratio Lower Upper

180 100

182 98.5 47.7 143.1

145 35.7 18.3 54.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

