

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064600.D
 Acq On : 13 Nov 2020 00:06
 Operator : JC/MD
 Sample : VN1112WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBS02

Quant Time: Nov 13 02:59:31 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	7.63	168	272029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	507714	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	466862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	213495	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	251382	53.05	ug/l	0.00
Spiked Amount			Recovery	=	106.10%	
35) Dibromofluoromethane	7.55	113	176675	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	
50) Toluene-d8	10.06	98	639348	47.85	ug/l	0.00
Spiked Amount			Recovery	=	95.70%	
62) 4-Bromofluorobenzene	12.38	95	232946	46.10	ug/l	0.00
Spiked Amount			Recovery	=	92.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.84	85	61767	17.443	ug/l	96
3) Chloromethane	2.04	50	77699	18.065	ug/l	100
4) Vinyl Chloride	2.17	62	84703	19.177	ug/l	96
5) Bromomethane	2.54	94	60743	21.527	ug/l	99
6) Chloroethane	2.68	64	56526	19.989	ug/l	96
7) Trichlorofluoromethane	2.99	101	130701	20.096	ug/l	94
8) Diethyl Ether	3.38	74	46883	20.412	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	57592	18.647	ug/l	99
10) Methyl Iodide	3.91	142	68210	19.006	ug/l	97
11) Tert butyl alcohol	4.76	59	56628	108.371	ug/l #	88
12) 1,1-Dichloroethene	3.69	96	54820	18.843	ug/l	96
13) Acrolein	3.57	56	23233	71.679	ug/l	93
14) Allyl chloride	4.27	41	99422	17.470	ug/l	99
15) Acrylonitrile	4.94	53	155960	107.203	ug/l	98
16) Acetone	3.78	43	148903	82.499	ug/l	100
17) Carbon Disulfide	4.00	76	158177	18.181	ug/l	100
18) Methyl Acetate	4.28	43	85994	24.234	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	192715	18.405	ug/l	98
20) Methylene Chloride	4.50	84	68979	19.262	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	61434	18.598	ug/l	99
22) Diisopropyl ether	5.91	45	220290	18.235	ug/l	96
23) Vinyl Acetate	5.85	43	879537	89.495	ug/l	99
24) 1,1-Dichloroethane	5.80	63	123393	18.587	ug/l	99
25) 2-Butanone	6.79	43	222313	96.670	ug/l	100
26) 2,2-Dichloropropane	6.78	77	93491	15.557	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	70907	18.525	ug/l	95
28) Bromochloromethane	7.15	49	64478	19.760	ug/l	99
29) Tetrahydrofuran	7.17	42	141352	100.184	ug/l	97
30) Chloroform	7.33	83	137558	19.713	ug/l	97
31) Cyclohexane	7.61	56	94498	16.406	ug/l #	87
32) 1,1,1-Trichloroethane	7.53	97	121344	19.606	ug/l	100
36) 1,1-Dichloropropene	7.75	75	91255	17.014	ug/l	99
37) Ethyl Acetate	6.89	43	94032	17.772	ug/l	98
38) Carbon Tetrachloride	7.73	117	103565	18.067	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	76145	15.837	ug/l	92
40) Benzene	8.00	78	275825	17.500	ug/l	100
41) Methacrylonitrile	7.13	41	44508	18.717	ug/l #	86
42) 1,2-Dichloroethane	8.09	62	118871	18.689	ug/l	100
43) Isopropyl Acetate	8.13	43	159256	18.322	ug/l	99
44) Trichloroethene	8.80	130	69095	17.376	ug/l	99
45) 1,2-Dichloropropane	9.08	63	77436	18.413	ug/l	98
46) Dibromomethane	9.17	93	53962	19.492	ug/l	97
47) Bromodichloromethane	9.37	83	111228	18.686	ug/l	99
48) Methyl methacrylate	9.17	41	79505	18.126	ug/l	98
49) 1,4-Dioxane	9.17	88	23012	398.328	ug/l	92
51) 4-Methyl-2-Pentanone	9.96	43	505692	99.760	ug/l	99
52) Toluene	10.13	92	171178	17.807	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	104989	16.636	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	113887	16.879	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	72621	19.371	ug/l	99
56) Ethyl methacrylate	10.40	69	92518	16.288	ug/l	96
57) 1,3-Dichloropropane	10.68	76	119421	18.250	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	256389	101.927	ug/l	98
59) 2-Hexanone	10.72	43	358431	89.344	ug/l	99
60) Dibromochloromethane	10.87	129	77278	18.411	ug/l	96
61) 1,2-Dibromoethane	10.98	107	72460	19.055	ug/l	100
64) Tetrachloroethene	10.60	164	64329	17.888	ug/l	99
65) Chlorobenzene	11.41	112	180977	17.683	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	73612	19.279	ug/l	99
67) Ethyl Benzene	11.49	91	309684	17.011	ug/l	100
68) m/p-Xylenes	11.59	106	226530	34.311	ug/l	98
69) o-Xylene	11.92	106	106552	16.702	ug/l	97
70) Styrene	11.94	104	188107	17.522	ug/l	100
71) Bromoform	12.10	173	51471	18.771	ug/l #	97
73) Isopropylbenzene	12.22	105	284064	16.740	ug/l	99
74) N-amyl acetate	12.05	43	125138	16.050	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	102572	19.679	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	138309	26.738	ug/l #	100
77) Bromobenzene	12.50	156	73208	17.671	ug/l	98
78) n-propylbenzene	12.57	91	327785	16.943	ug/l	100
79) 2-Chlorotoluene	12.65	91	213572	17.406	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	242805	17.344	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	29300	15.815	ug/l	90
82) 4-Chlorotoluene	12.75	91	218424	16.998	ug/l	97
83) tert-Butylbenzene	12.97	119	188373	17.229	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	241375	17.152	ug/l	99
85) sec-Butylbenzene	13.15	105	240257	17.351	ug/l	99
86) p-Isopropyltoluene	13.26	119	212316	17.047	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	126651	17.685	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	123178	16.643	ug/l	98
89) n-Butylbenzene	13.59	91	180239	16.831	ug/l	96
90) Hexachloroethane	13.85	117	46087	19.182	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	124969	18.141	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	22086	21.283	ug/l	97

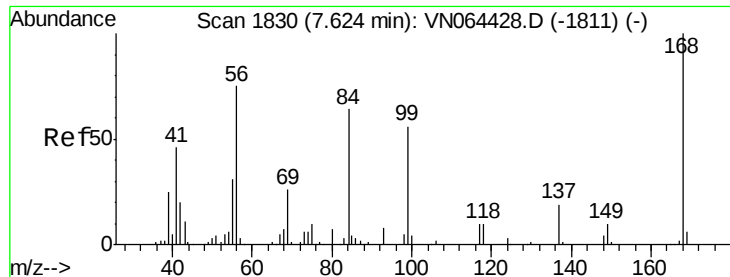
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
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Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	49616	16.375	ug/l	97
94) Hexachlorobutadiene	14.98	225	27651	19.715	ug/l	97
95) Naphthalene	15.11	128	155608	15.949	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	52339	17.690	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

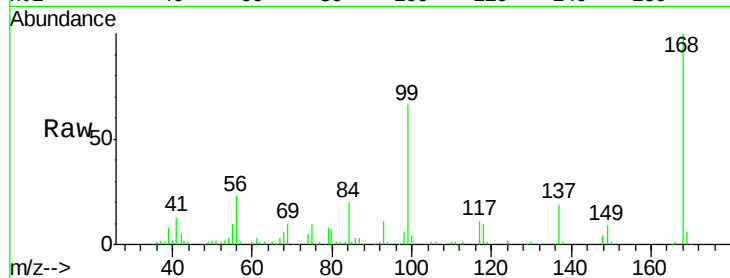
VN1112WBS02

Tot Ion:168 Resp: 272029

Ion Ratio Lower Upper

168 100

99 65.4 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

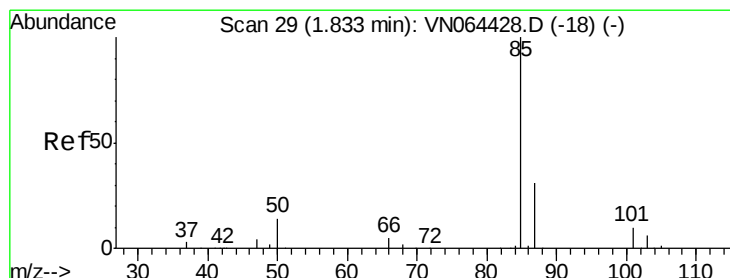
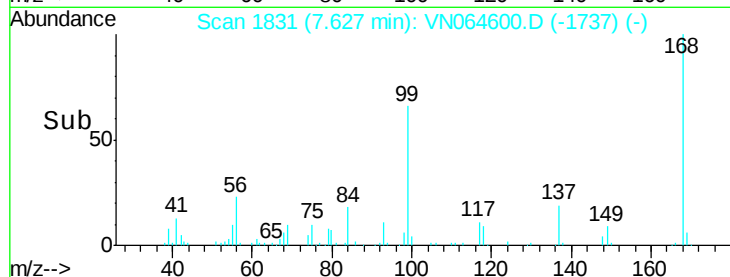
7.63

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.443 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN064600.D

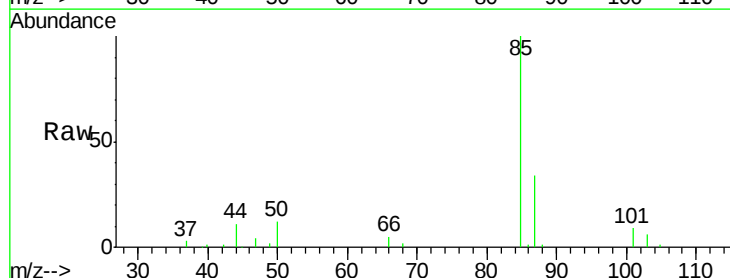
Acq: 13 Nov 2020 00:06

Tgt Ion: 85 Resp: 61767

Ion Ratio Lower Upper

85 100

87 33.8 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.84

50000

40000

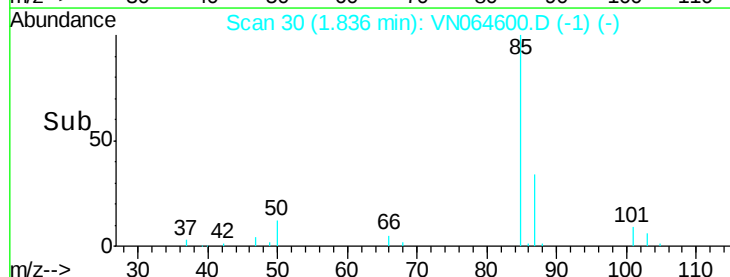
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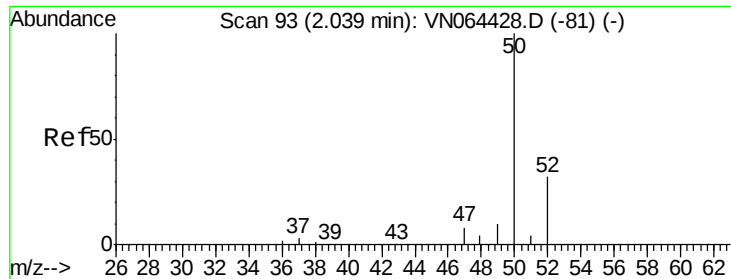
20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.065 ug/l

RT: 2.04 min Scan# 94

Delta R.T. 0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

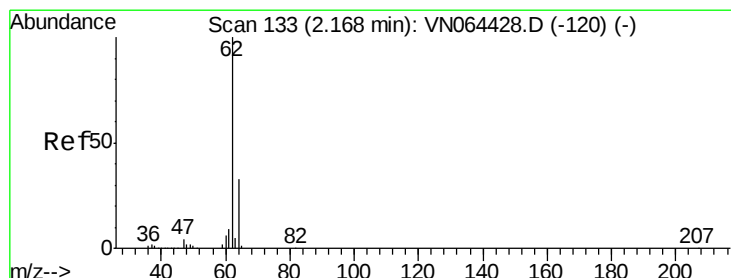
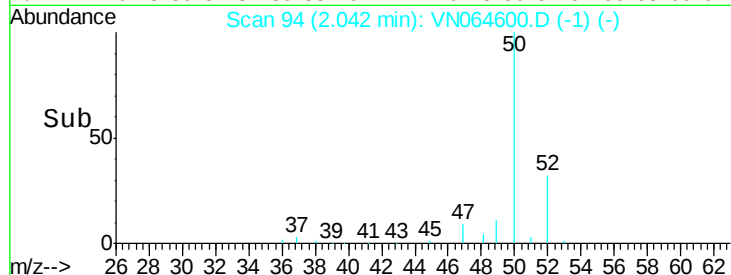
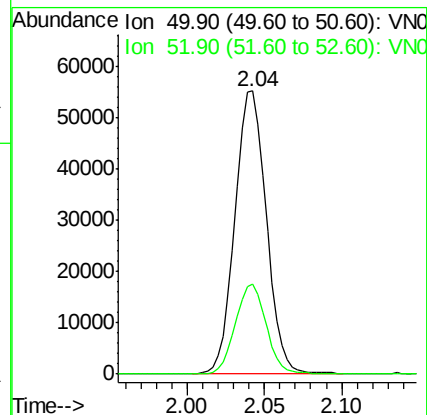
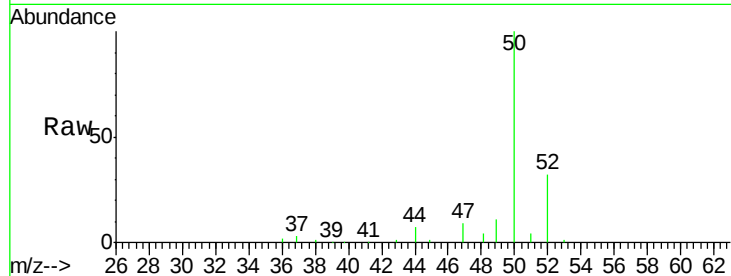
VN1112WBS02

Tot Ion: 50 Resp: 77699

Ion Ratio Lower Upper

50 100

52 31.7 25.3 37.9



#4

Vinyl Chloride

Concen: 19.177 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064600.D

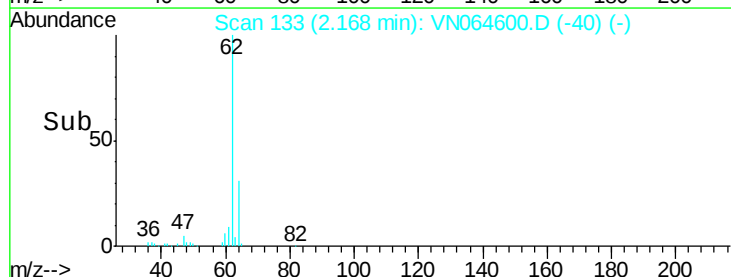
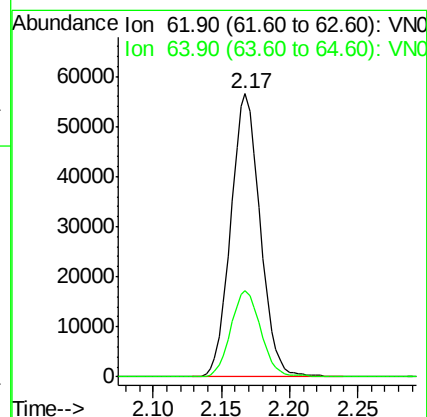
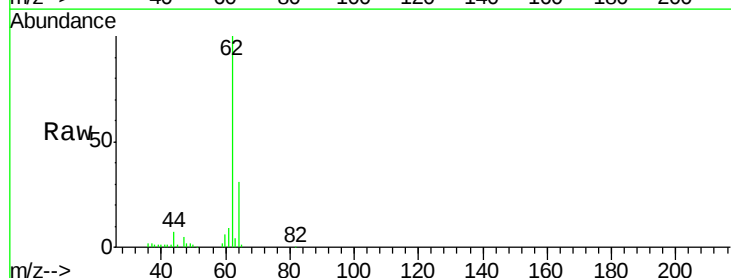
Acq: 13 Nov 2020 00:06

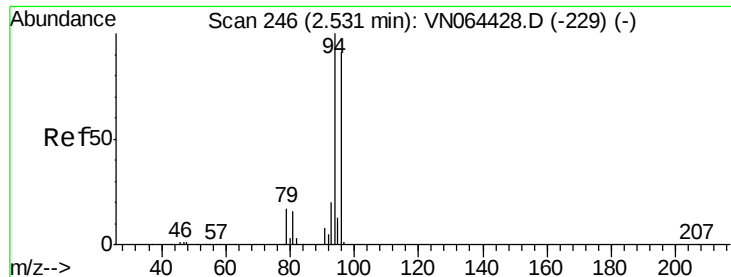
Tgt Ion: 62 Resp: 84703

Ion Ratio Lower Upper

62 100

64 30.5 26.3 39.5





#5

Bromomethane

Concen: 21.527 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

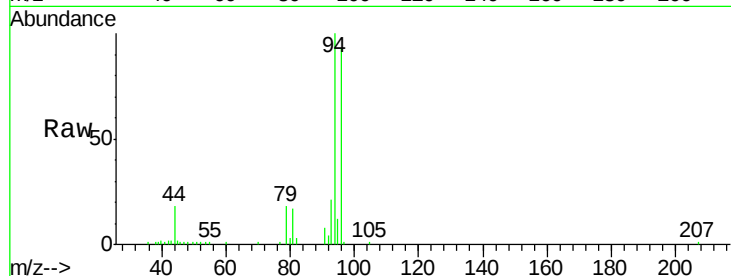
VN1112WBS02

Tot Ion: 94 Resp: 60743

Ion Ratio Lower Upper

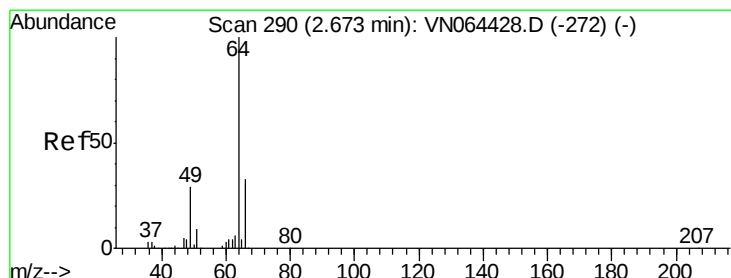
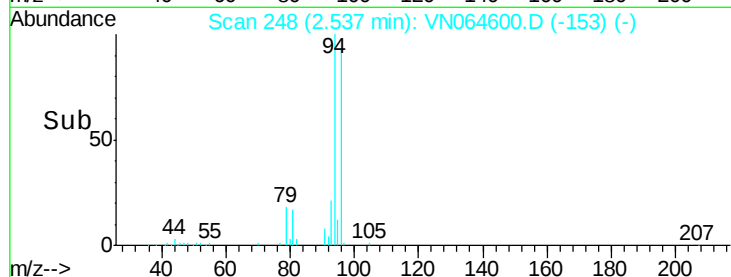
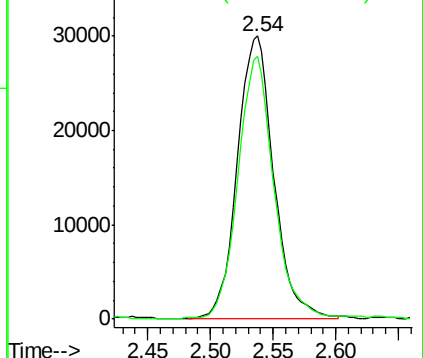
94 100

96 92.1 73.1 109.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.989 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064600.D

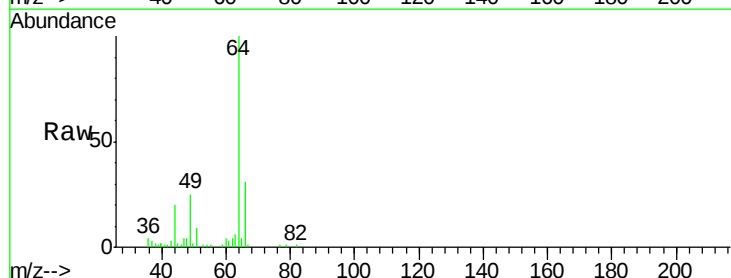
Acq: 13 Nov 2020 00:06

Tgt Ion: 64 Resp: 56526

Ion Ratio Lower Upper

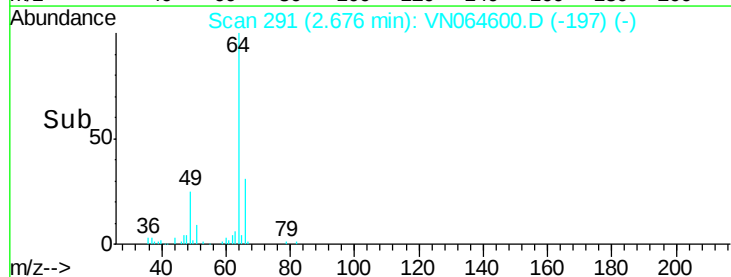
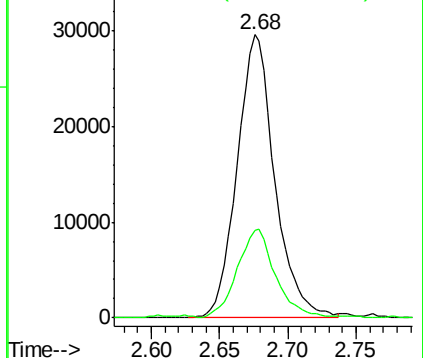
64 100

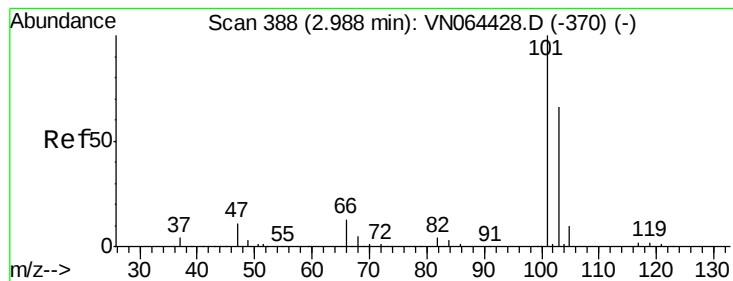
66 30.2 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



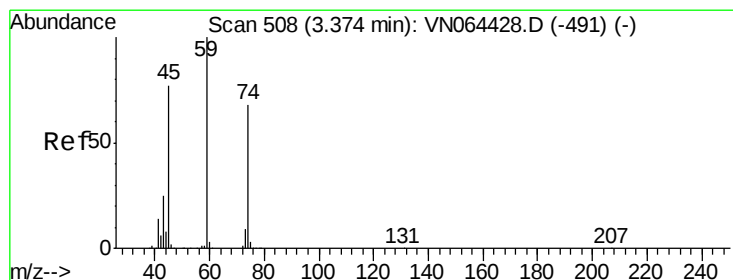
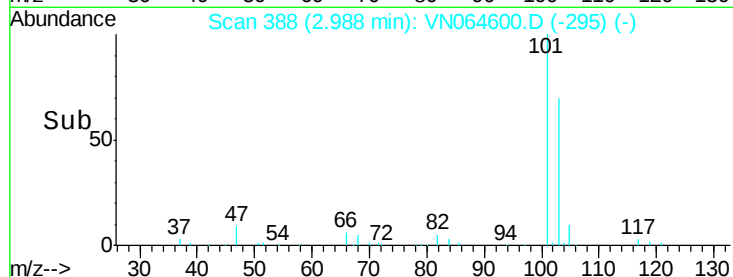
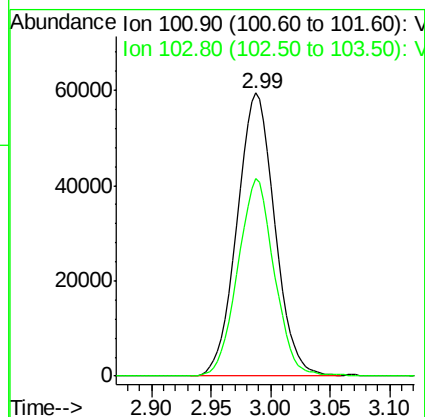
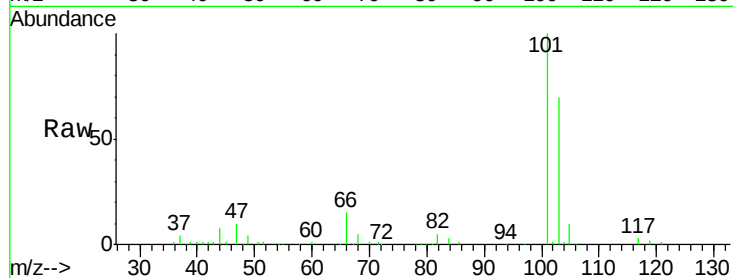


#7

Trichlorofluoromethane
 Concen: 20.096 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Instrument :
 MSVOA_N
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 VN1112WBS02

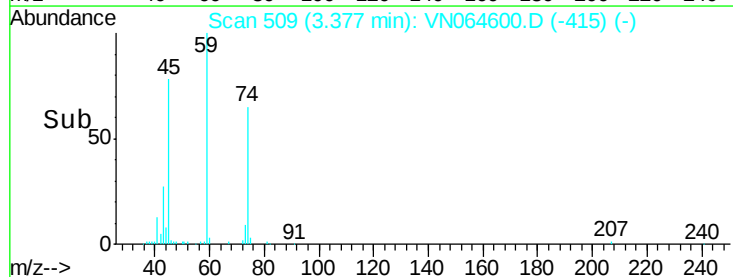
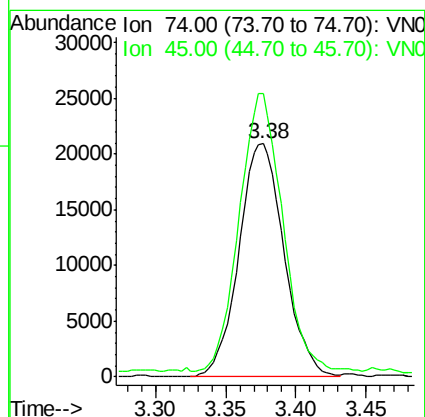
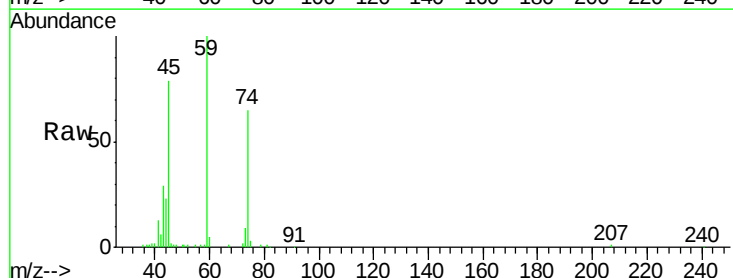
Tot Ion:101 Resp: 130701
 Ion Ratio Lower Upper
 101 100
 103 69.9 52.4 78.6

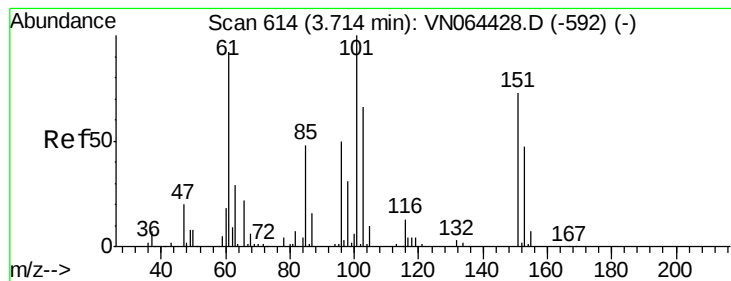


#8

Diethyl Ether
 Concen: 20.412 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Tgt Ion: 74 Resp: 46883
 Ion Ratio Lower Upper
 74 100
 45 112.8 55.9 167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.647 ug/l

RT: 3.71 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBS02

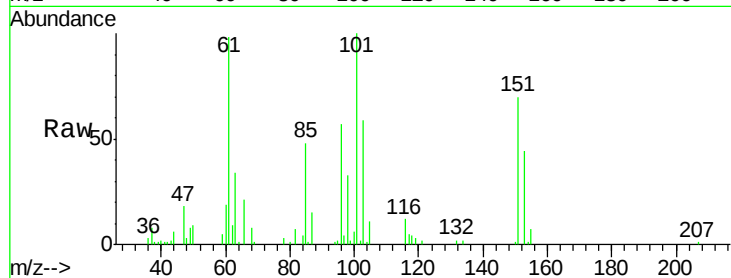
Tot Ion:101 Resp: 57592

Ion Ratio Lower Upper

101 100

85 48.7 38.6 57.8

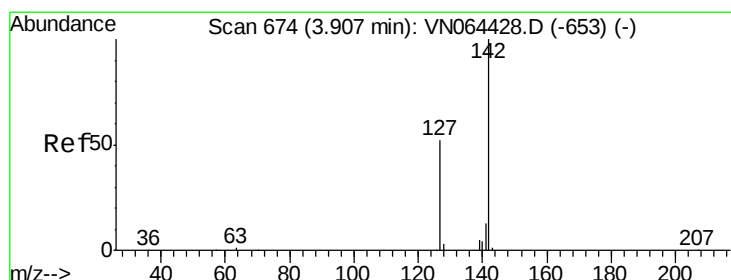
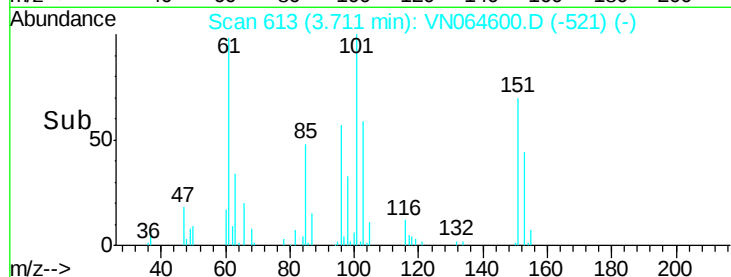
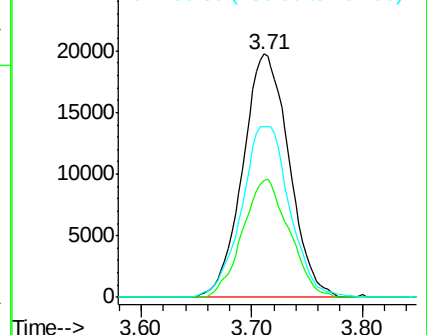
151 73.0 57.5 86.3



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: 19.006 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

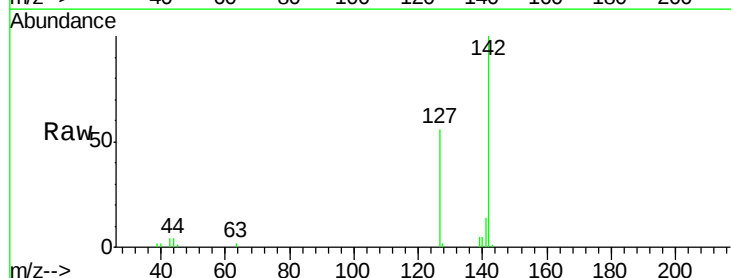
Tgt Ion:142 Resp: 68210

Ion Ratio Lower Upper

142 100

127 54.2 41.8 62.8

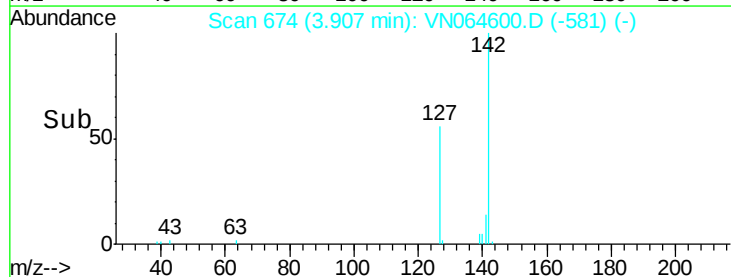
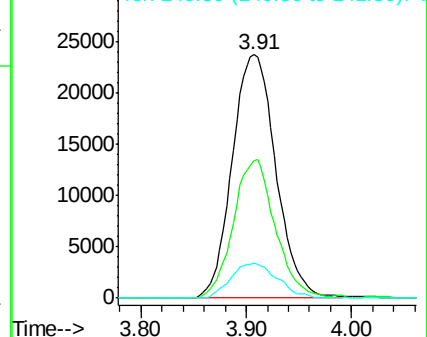
141 15.1 11.4 17.2

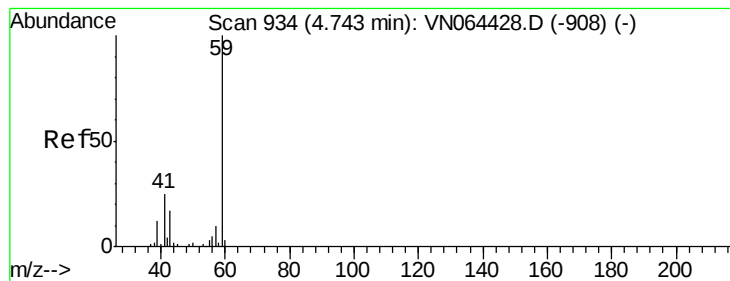


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



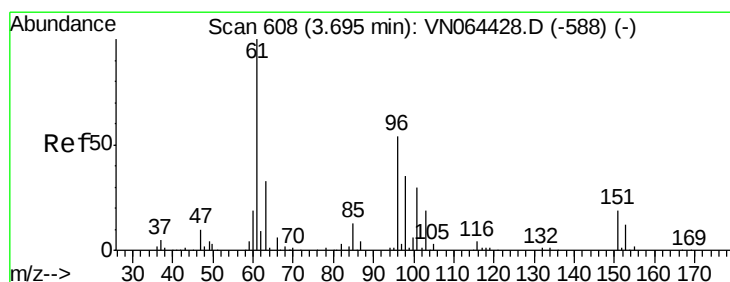
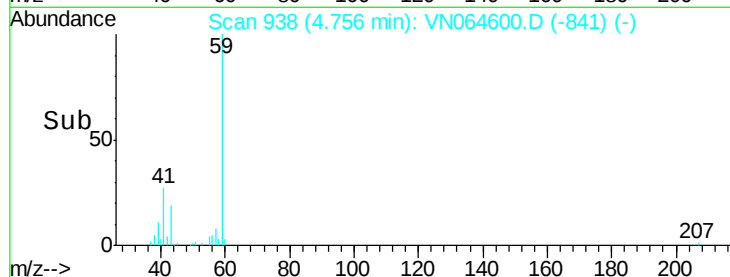
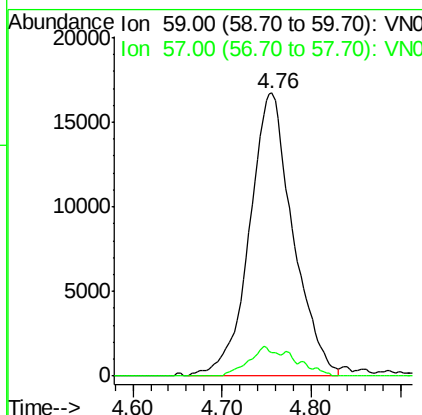
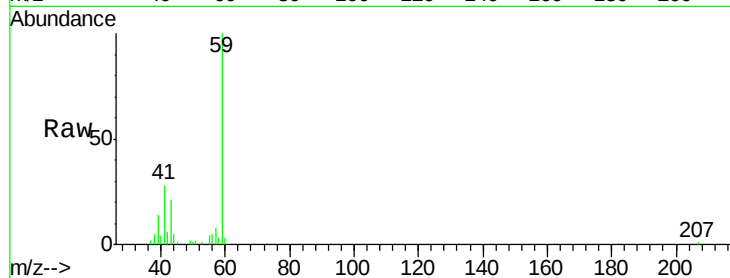


#11

Tert butyl alcohol
 Concen: 108.371 ug/l
 RT: 4.76 min Scan# 938
 Delta R.T. 0.01 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBS02

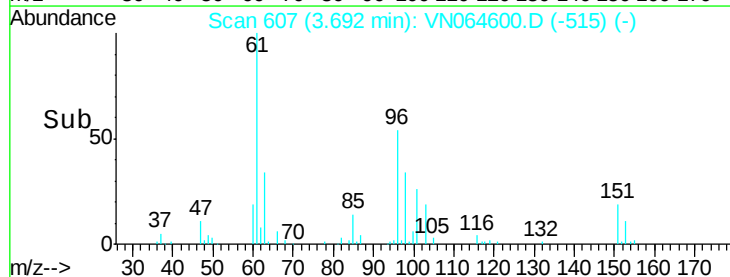
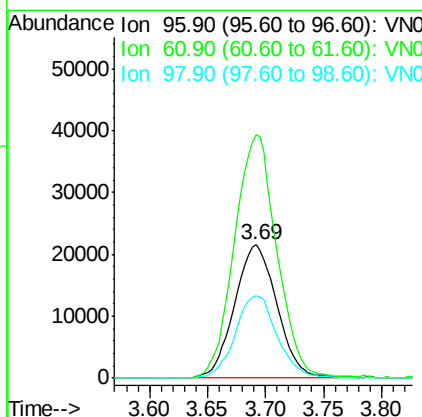
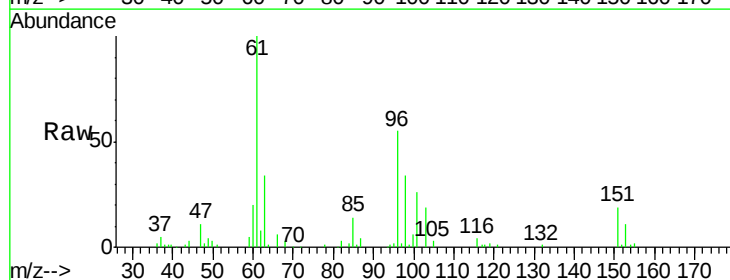
Tot Ion: 59 Resp: 56628
 Ion Ratio Lower Upper
 59 100
 57 6.8 9.0 13.4#

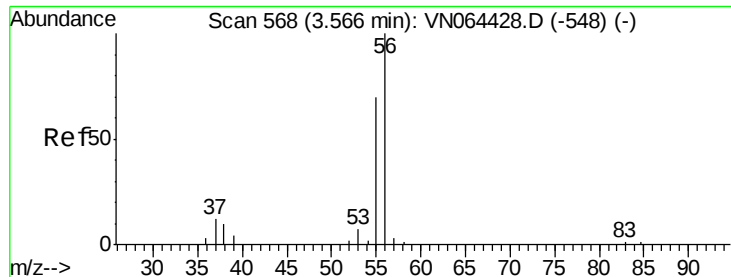


#12

1,1-Dichloroethene
 Concen: 18.843 ug/l
 RT: 3.69 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Tgt Ion: 96 Resp: 54820
 Ion Ratio Lower Upper
 96 100
 61 182.5 149.5 224.3
 98 61.4 52.4 78.6

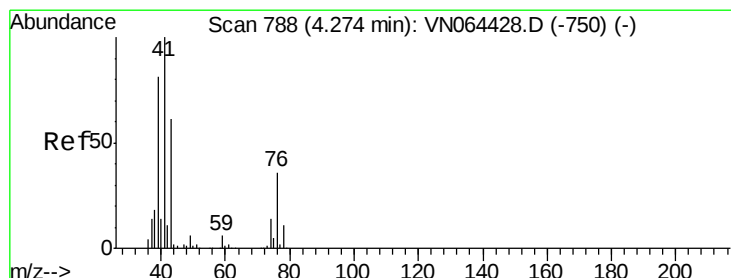
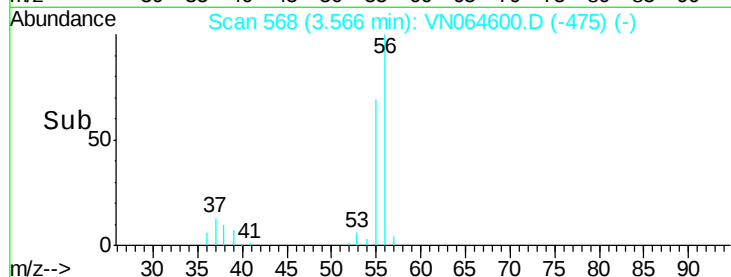
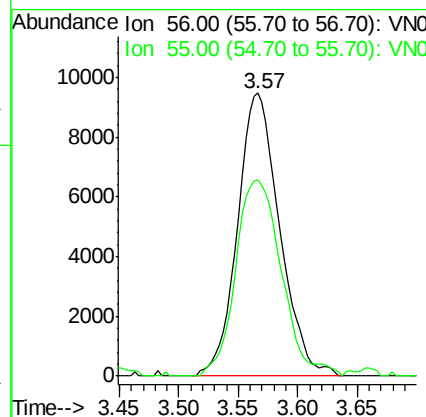
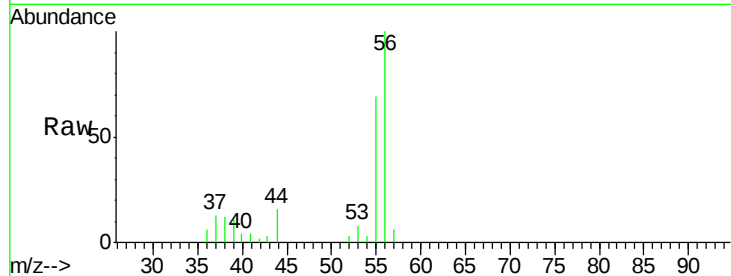




#13
Acrolein
Concen: 71.679 ug/l
RT: 3.57 min Scan# 568
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

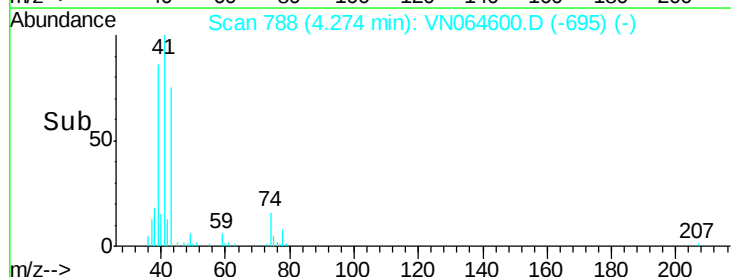
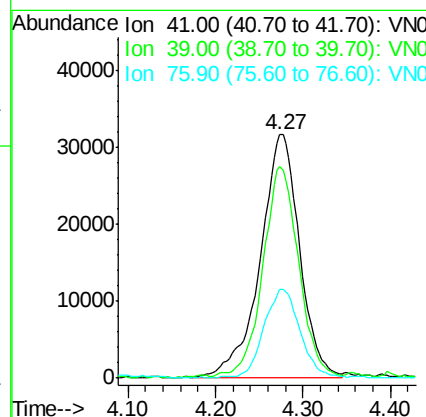
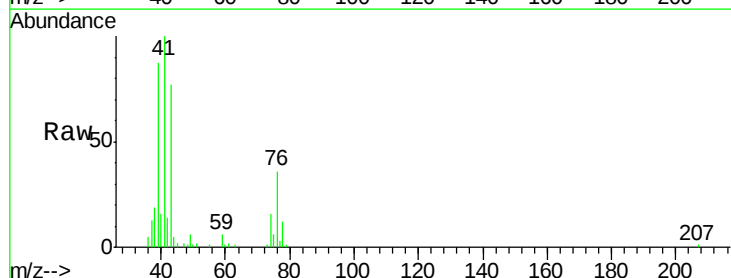
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS02

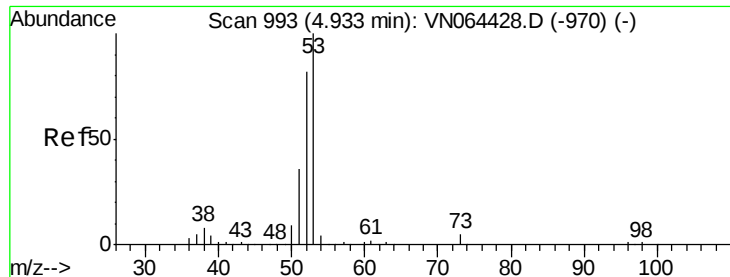
Tot Ion: 56 Resp: 23233
Ion Ratio Lower Upper
56 100
55 75.3 55.9 83.9



#14
Allyl chloride
Concen: 17.470 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion: 41 Resp: 99422
Ion Ratio Lower Upper
41 100
39 76.8 61.8 92.8
76 33.3 25.4 38.0





#15

Acrylonitrile

Concen: 107.203 ug/l

RT: 4.94 min Scan# 996

Delta R.T. 0.01 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBS02

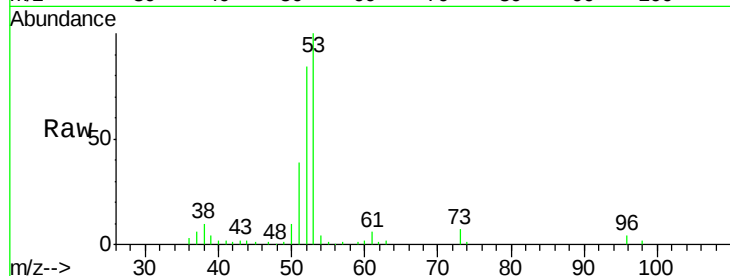
Tot Ion: 53 Resp: 155960

Ion Ratio Lower Upper

53 100

52 83.2 65.6 98.4

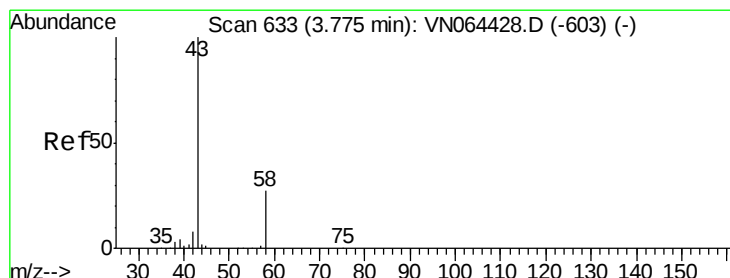
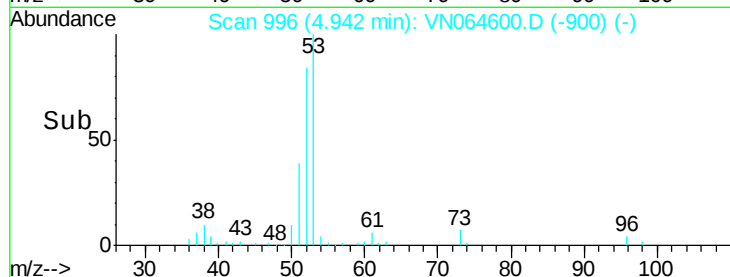
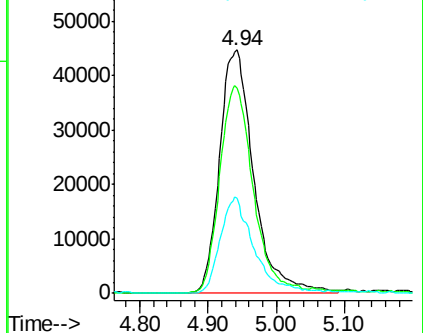
51 38.7 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN064600.D (-900) (-)

Ion 52.00 (51.70 to 52.70): VN064600.D (-900) (-)

Ion 51.00 (50.70 to 51.70): VN064600.D (-900) (-)



#16

Acetone

Concen: 82.499 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064600.D

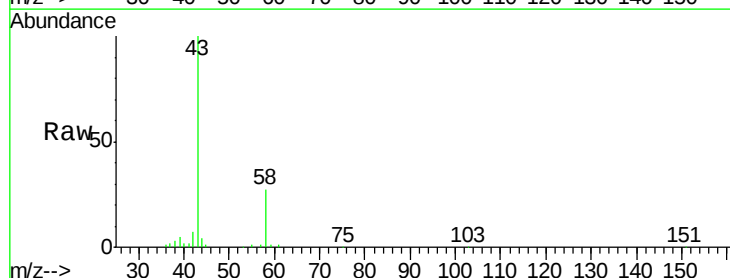
Acq: 13 Nov 2020 00:06

Tgt Ion: 43 Resp: 148903

Ion Ratio Lower Upper

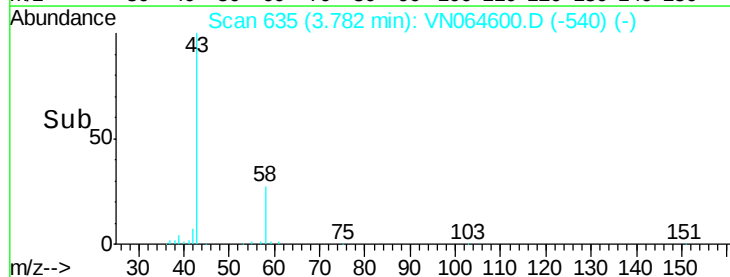
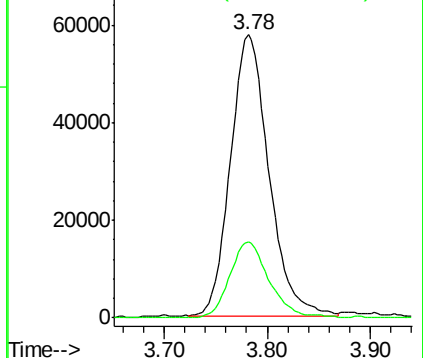
43 100

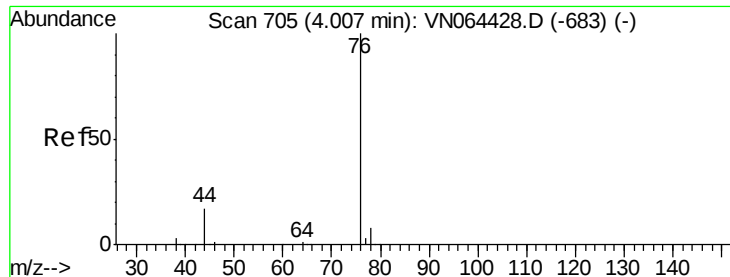
58 26.9 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN064600.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN064600.D (-540) (-)





#17

Carbon Disulfide

Concen: 18.181 ug/l

RT: 4.00 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

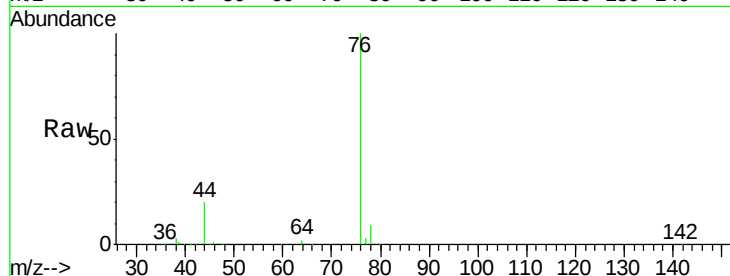
VN1112WBS02

Tot Ion: 76 Resp: 158177

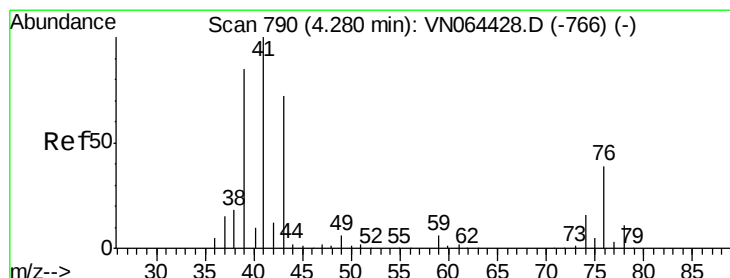
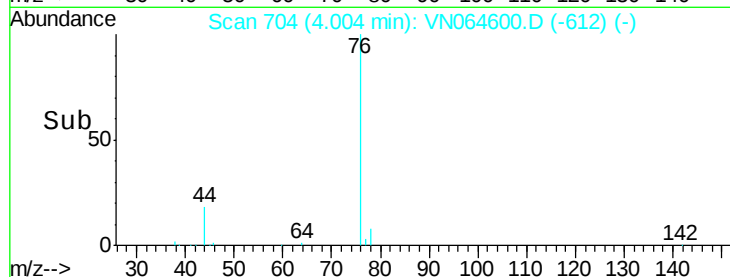
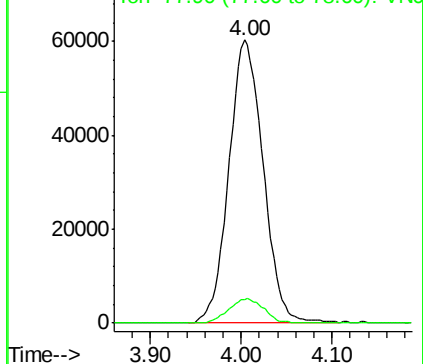
Ion Ratio Lower Upper

76 100

78 8.5 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: 24.234 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN064600.D

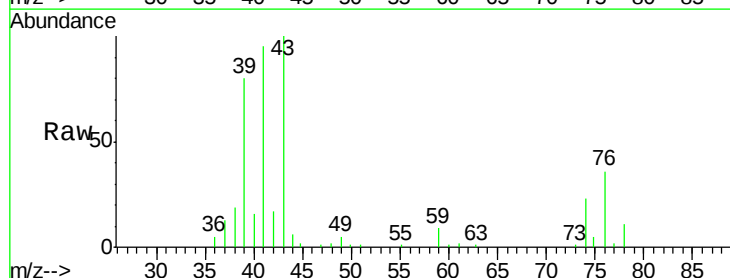
Acq: 13 Nov 2020 00:06

Tgt Ion: 43 Resp: 85994

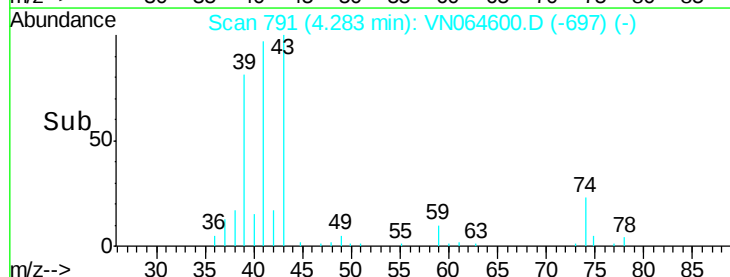
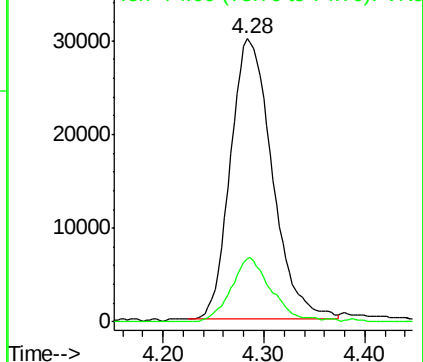
Ion Ratio Lower Upper

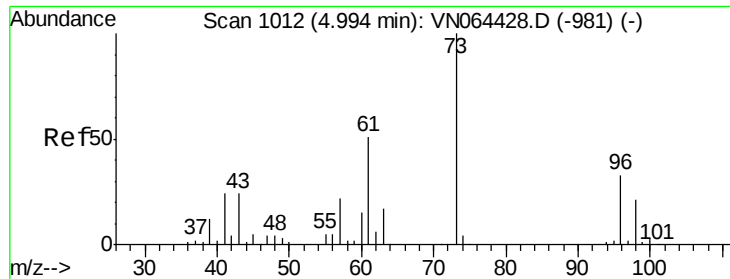
43 100

74 21.5 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO

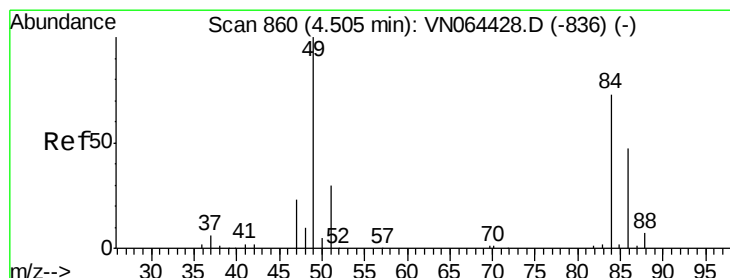
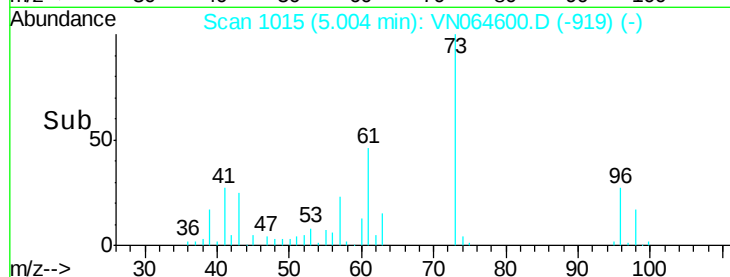
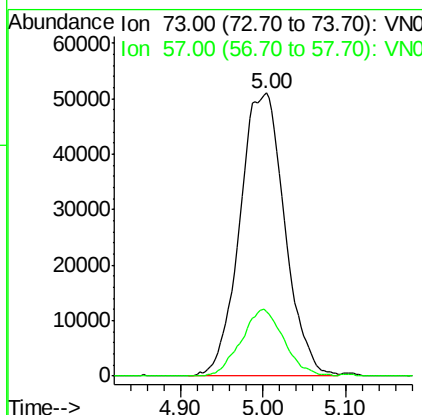
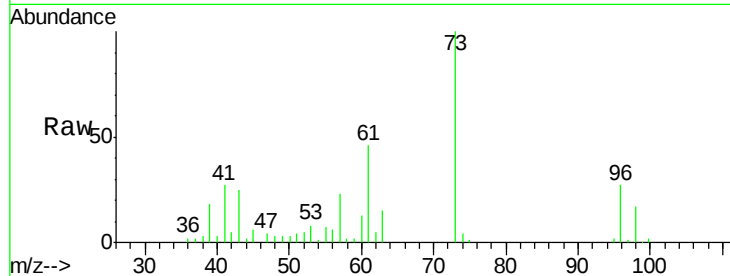




#19
Methyl tert-butyl Ether
Concen: 18.405 ug/l
RT: 5.00 min Scan# 1015
Delta R.T. 0.01 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

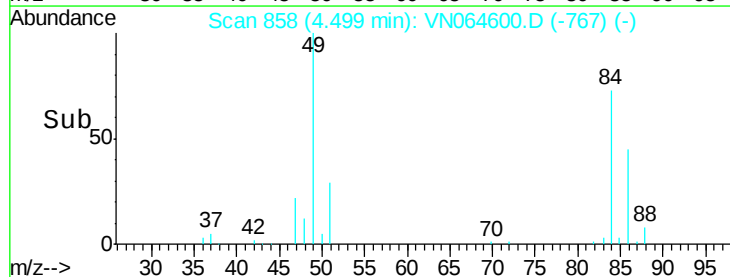
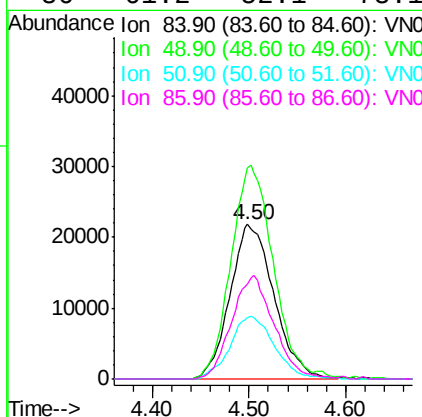
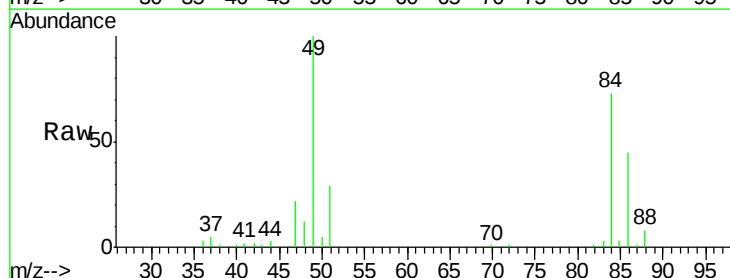
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS02

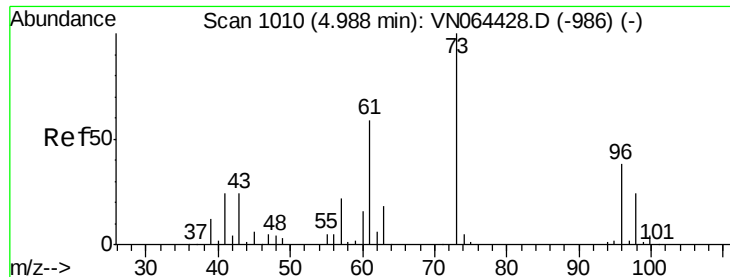
Tot Ion: 73 Resp: 192715
Ion Ratio Lower Upper
73 100
57 22.9 17.7 26.5



#20
Methylene Chloride
Concen: 19.262 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion: 84 Resp: 68979
Ion Ratio Lower Upper
84 100
49 136.7 110.1 165.1
51 40.0 33.6 50.4
86 61.2 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 18.598 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBS02

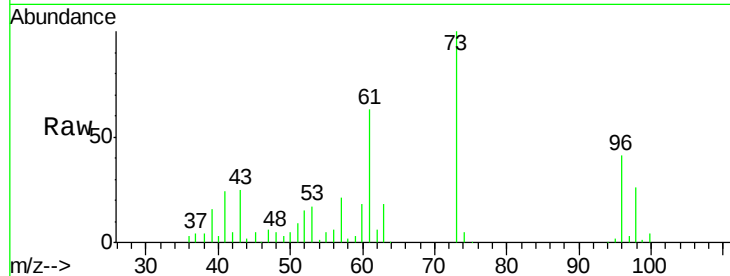
Tot Ion: 96 Resp: 61434

Ion Ratio Lower Upper

96 100

61 153.9 122.4 183.6

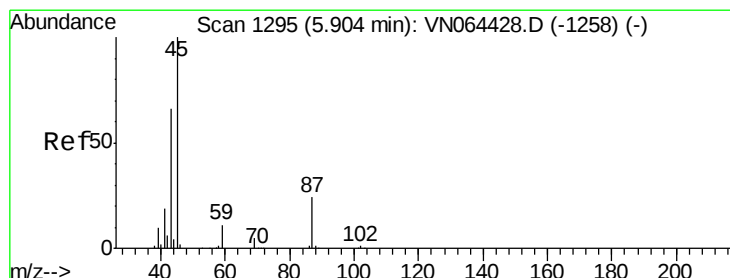
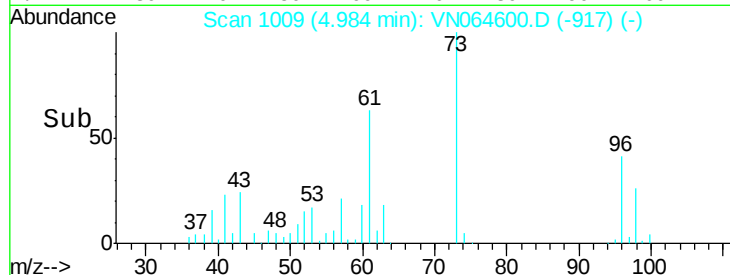
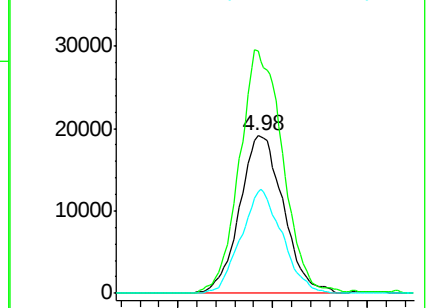
98 64.4 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VN064600.D (-917) (-)

Ion 60.90 (60.60 to 61.60): VN064600.D (-917) (-)

Ion 97.90 (97.60 to 98.60): VN064600.D (-917) (-)



#22

Diisopropyl ether

Concen: 18.235 ug/l

RT: 5.91 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Tgt Ion: 45 Resp: 220290

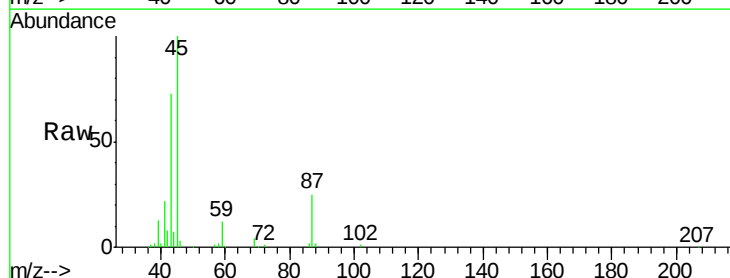
Ion Ratio Lower Upper

45 100

43 71.0 53.2 79.8

87 24.6 19.9 29.9

59 11.3 8.6 13.0

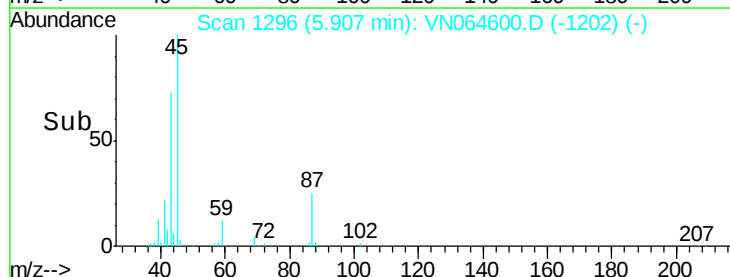
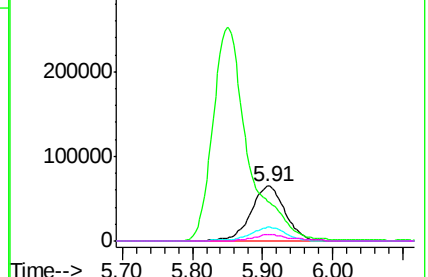


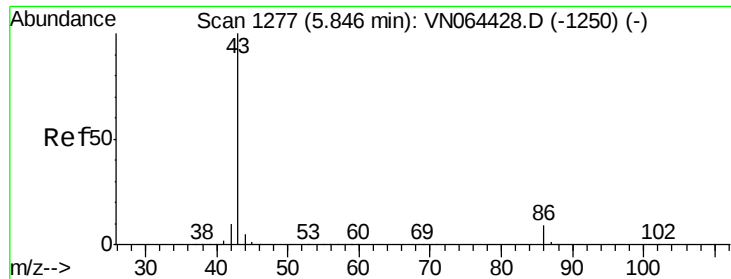
Abundance Ion 45.00 (44.70 to 45.70): VN064600.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN064600.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN064600.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN064600.D (-1202) (-)

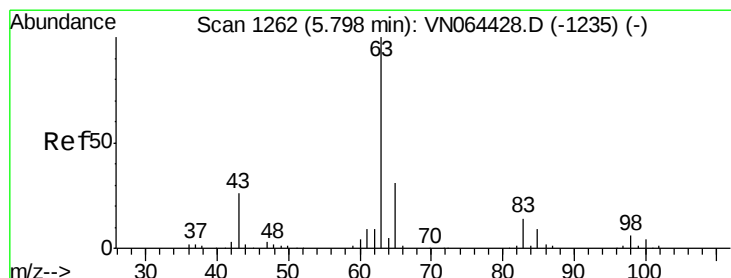
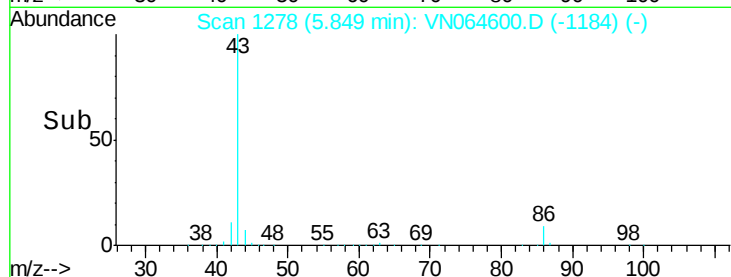
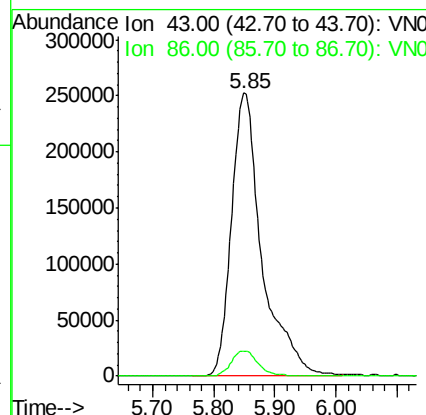
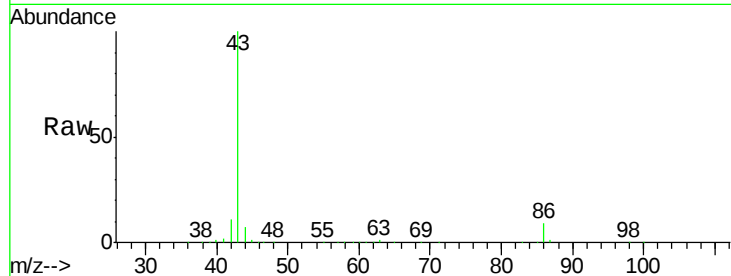




#23
 Vinyl Acetate
 Concen: 89.495 ug/l
 RT: 5.85 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

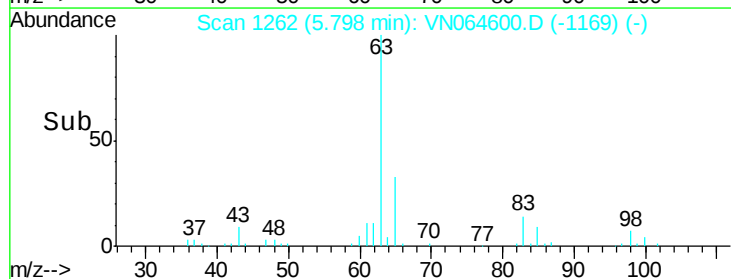
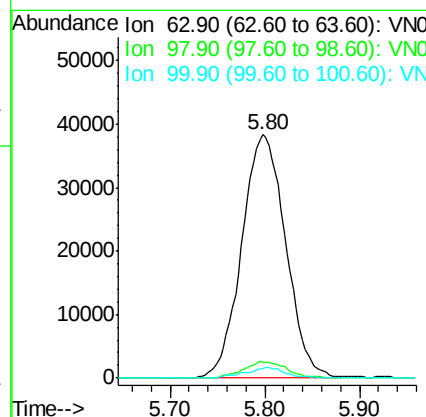
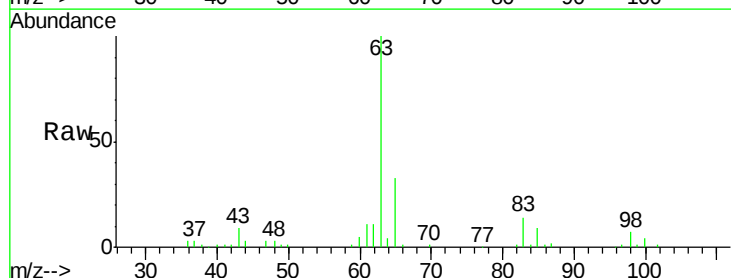
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBS02

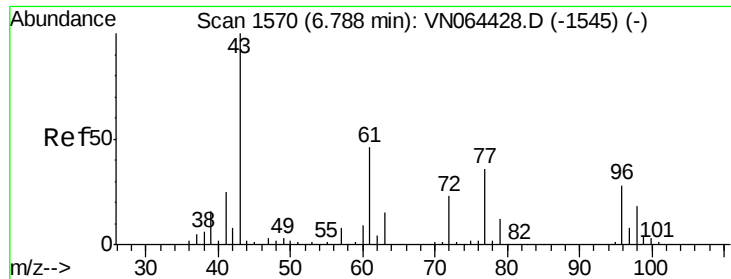
Tot Ion: 43 Resp: 879537
 Ion Ratio Lower Upper
 43 100
 86 8.8 6.8 10.2



#24
 1,1-Dichloroethane
 Concen: 18.587 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Tgt Ion: 63 Resp: 123393
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.0 9.2
 100 4.0 1.8 5.3





#25

2-Butanone

Concen: 96.670 ug/l

RT: 6.79 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

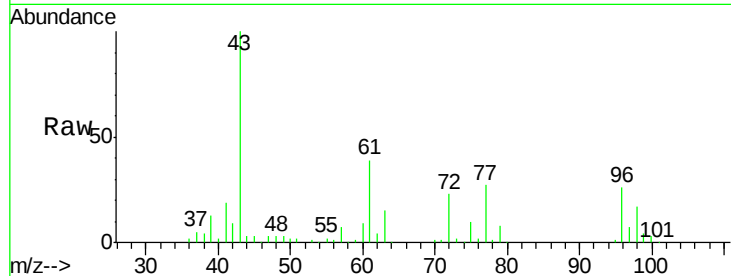
VN1112WBS02

Tot Ion: 43 Resp: 222313

Ion Ratio Lower Upper

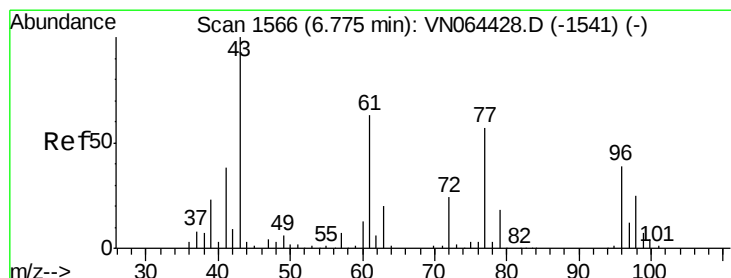
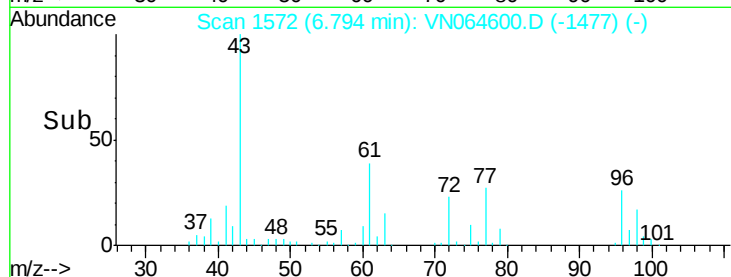
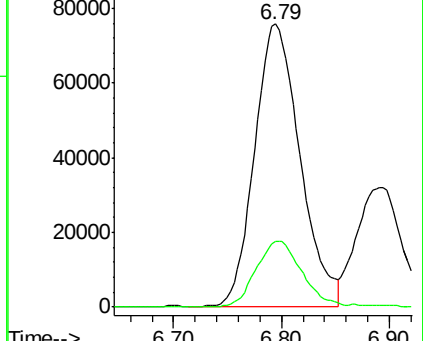
43 100

72 23.1 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 15.557 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064600.D

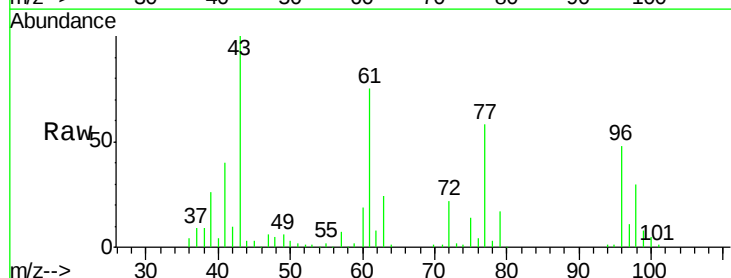
Acq: 13 Nov 2020 00:06

Tgt Ion: 77 Resp: 93491

Ion Ratio Lower Upper

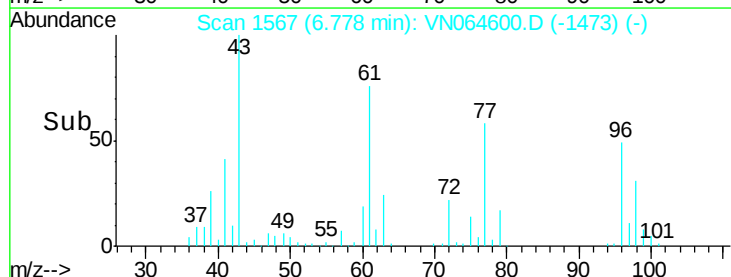
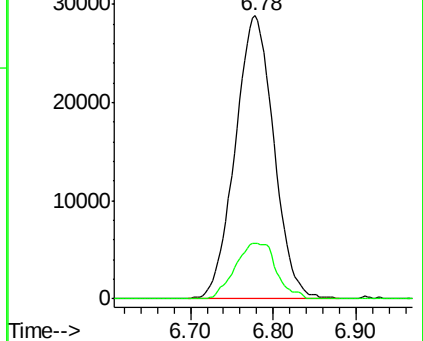
77 100

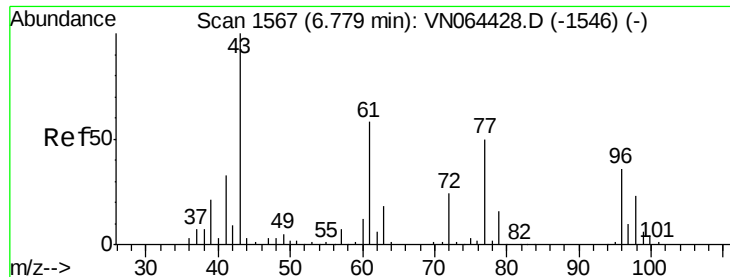
97 20.9 10.2 30.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 18.525 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBS02

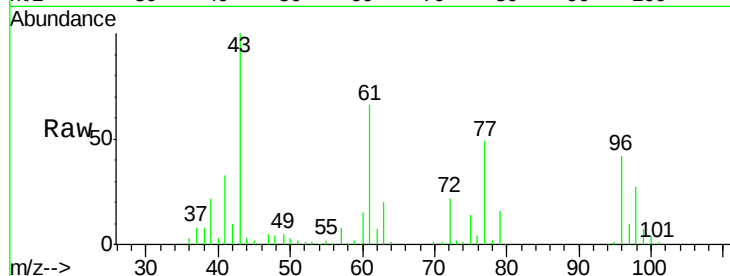
Tot Ion: 96 Resp: 70907

Ion Ratio Lower Upper

96 100

61 156.3 0.0 329.6

98 63.2 0.0 131.2

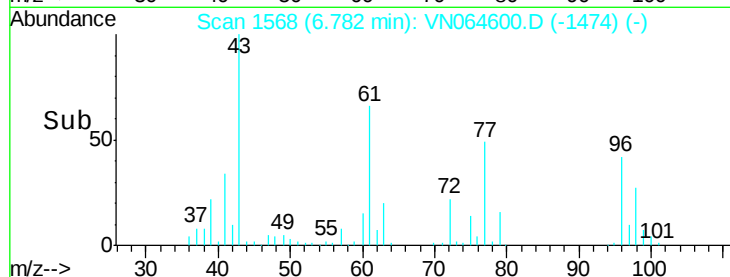


Abundance Ion 95.90 (95.60 to 96.60): VN064600.D (-1474) (-)

Ion 60.90 (60.60 to 61.60): VN064600.D (-1474) (-)

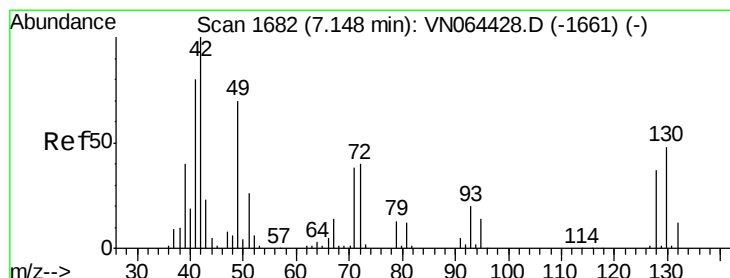
Ion 97.90 (97.60 to 98.60): VN064600.D (-1474) (-)

Time-->



6.78

Time-->



#28

Bromochloromethane

Concen: 19.760 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

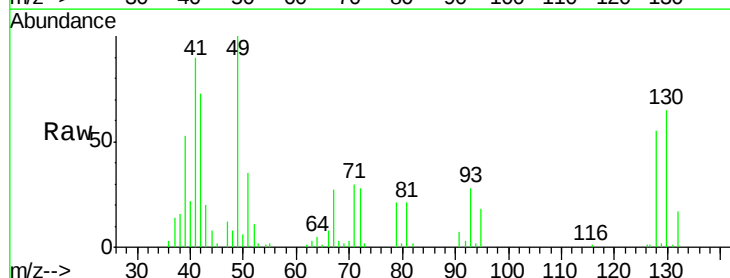
Tgt Ion: 49 Resp: 64478

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.6

130 66.6 54.2 81.4

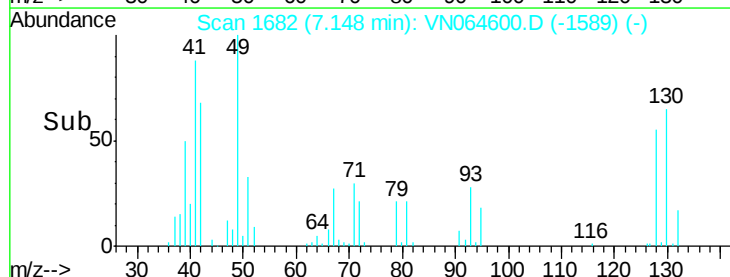


Abundance Ion 48.90 (48.60 to 49.60): VN064600.D (-1589) (-)

Ion 128.80 (128.50 to 129.50): VN064600.D (-1589) (-)

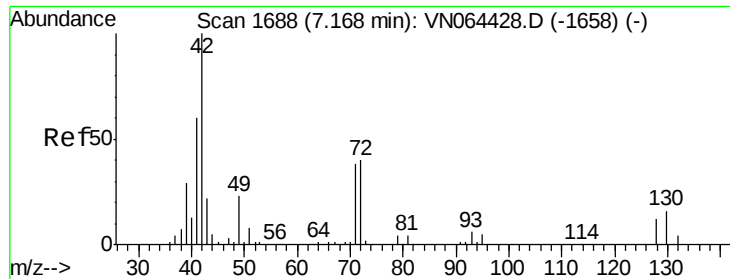
Ion 129.80 (129.50 to 130.50): VN064600.D (-1589) (-)

Time-->



7.15

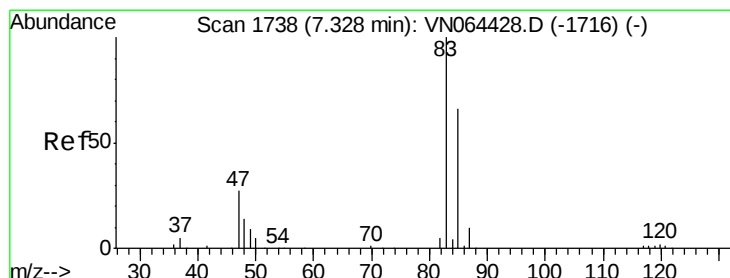
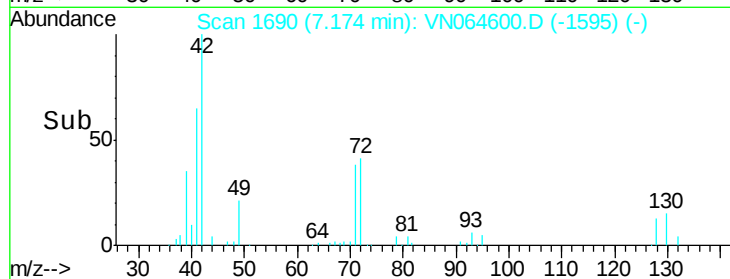
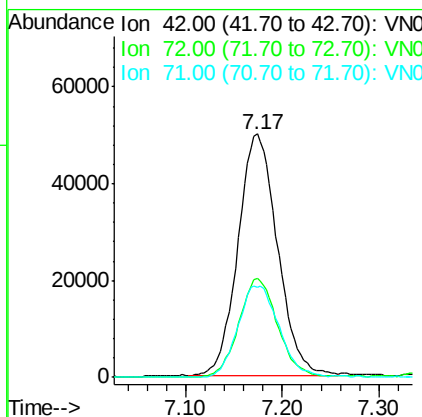
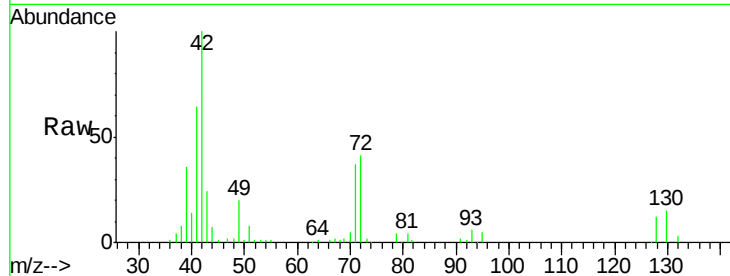
Time-->



#29
Tetrahydrofuran
Concen: 100.184 ug/l
RT: 7.17 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

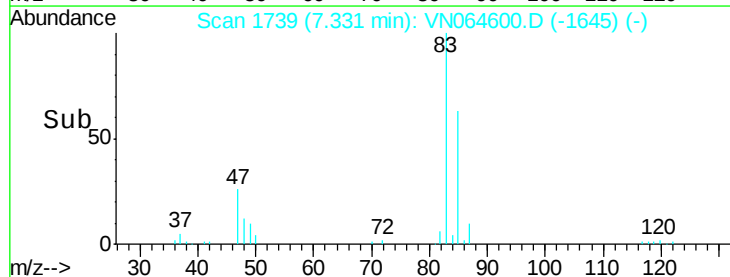
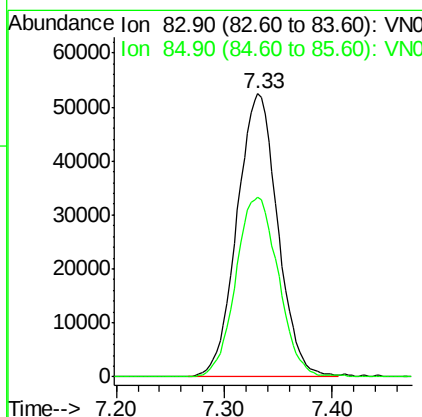
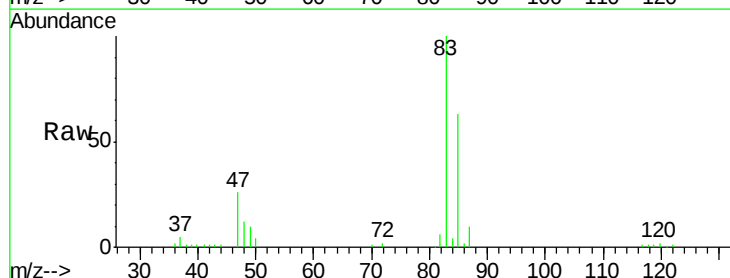
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS02

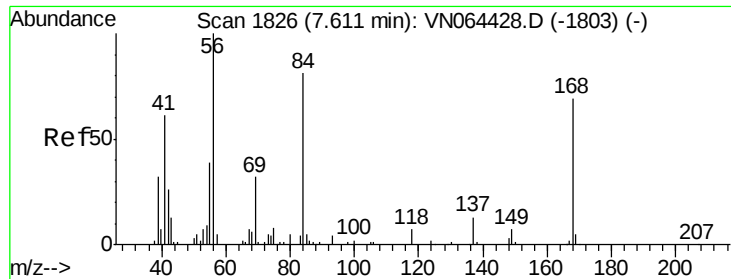
Tot Ion: 42 Resp: 141352
Ion Ratio Lower Upper
42 100
72 40.4 31.7 47.5
71 39.5 29.8 44.6



#30
Chloroform
Concen: 19.713 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion: 83 Resp: 137558
Ion Ratio Lower Upper
83 100
85 63.3 52.5 78.7





#31

Cyclohexane

Concen: 16.406 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampled :

VN1112WBS02

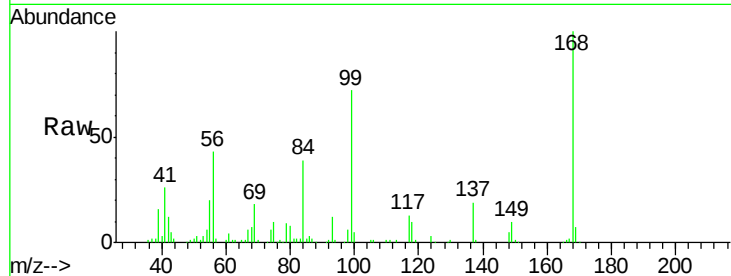
Tot Ion: 56 Resp: 94498

Ion Ratio Lower Upper

56 100

69 41.2 25.6 38.4#

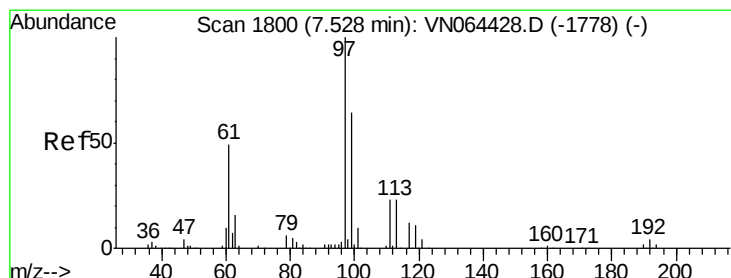
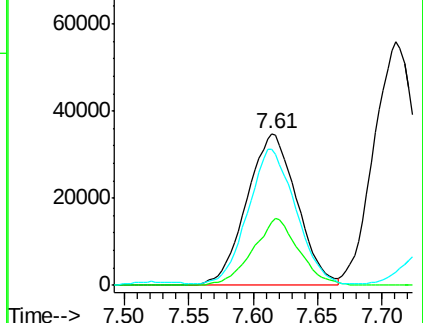
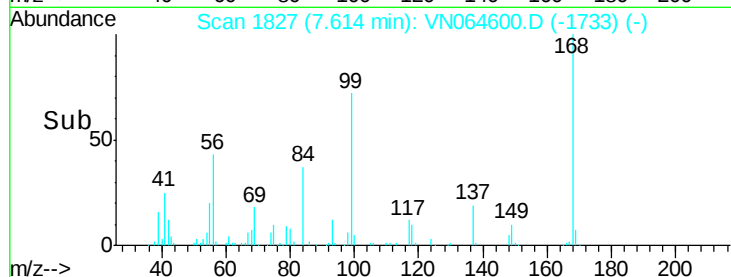
84 88.4 63.0 94.6



Abundance Ion 56.00 (55.70 to 56.70): VN064600.D (-1733) (-)

Ion 69.00 (68.70 to 69.70): VN064600.D (-1733) (-)

Ion 84.00 (83.70 to 84.70): VN064600.D (-1733) (-)



#32

1,1,1-Trichloroethane

Concen: 19.606 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

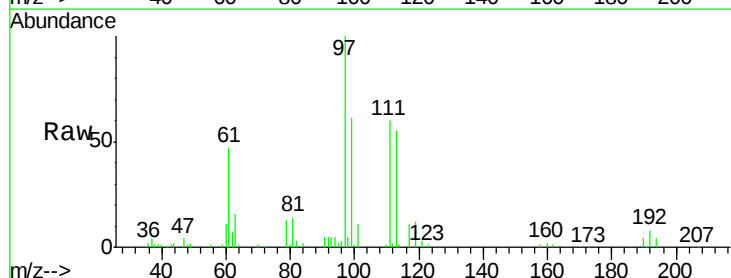
Tgt Ion: 97 Resp: 121344

Ion Ratio Lower Upper

97 100

99 63.9 51.3 76.9

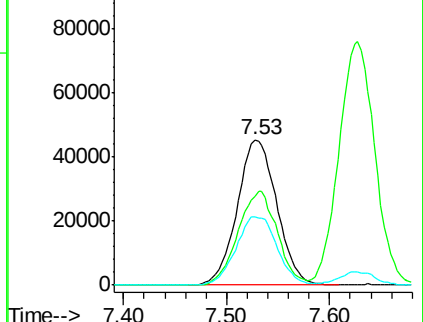
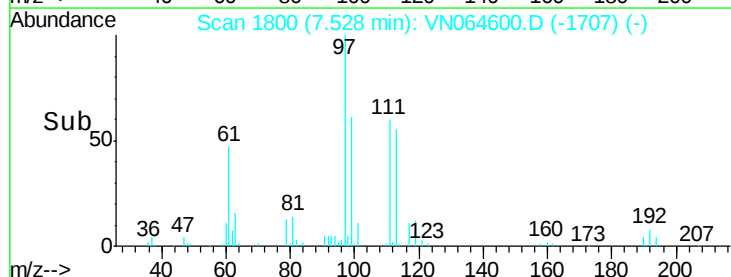
61 48.9 39.1 58.7

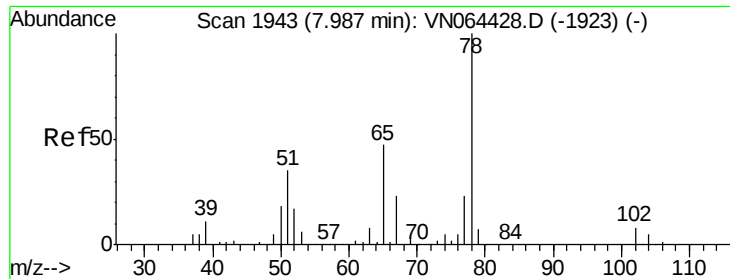


Abundance Ion 96.90 (96.60 to 97.60): VN064600.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064600.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064600.D (-1707) (-)

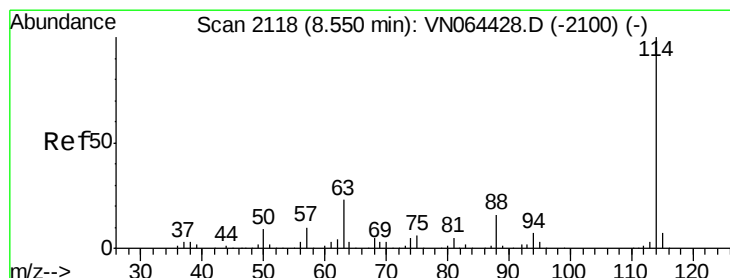
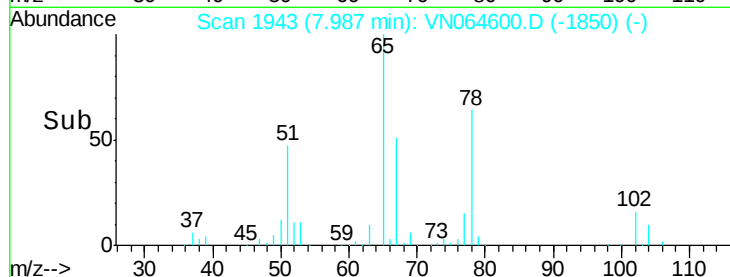
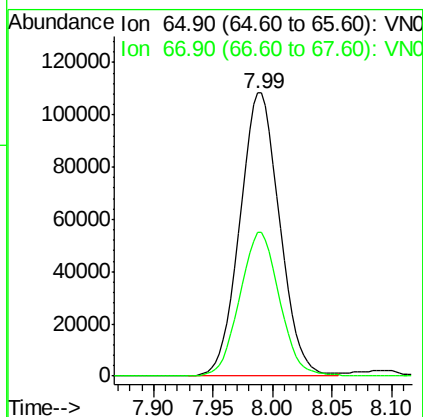
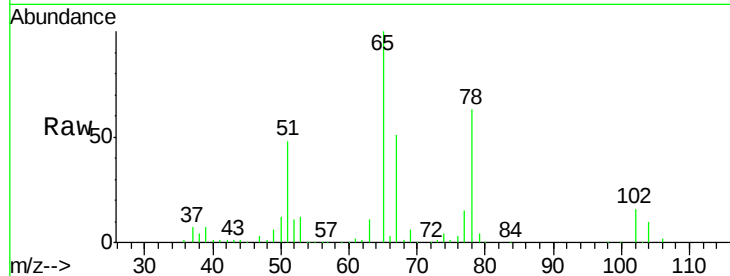




#33
 1,2-Dichloroethane-d4
 Concen: 53.053 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

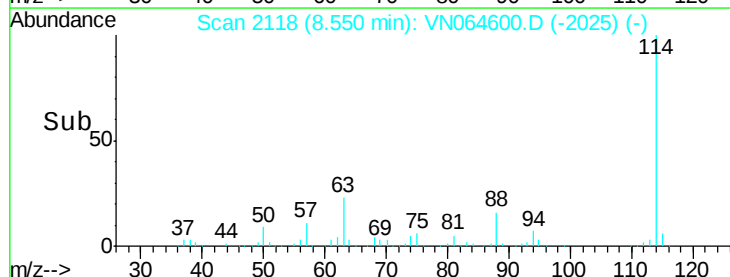
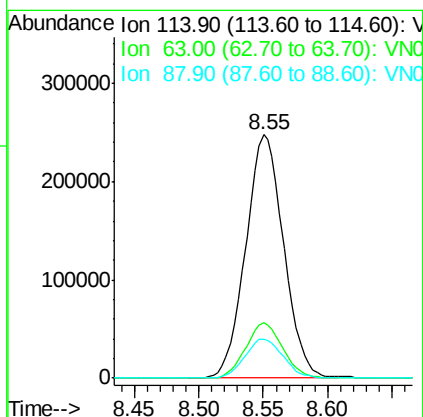
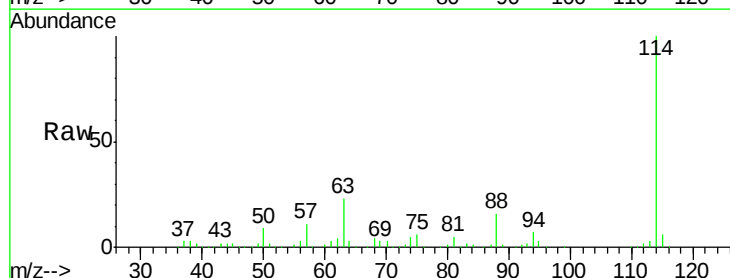
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBS02

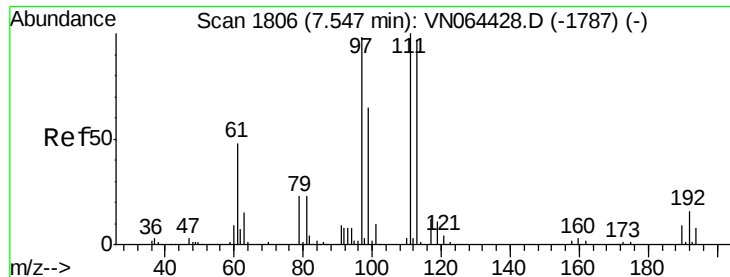
Tot Ion: 65 Resp: 251382
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Tgt Ion: 114 Resp: 507714
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.6
 88 15.9 0.0 32.8

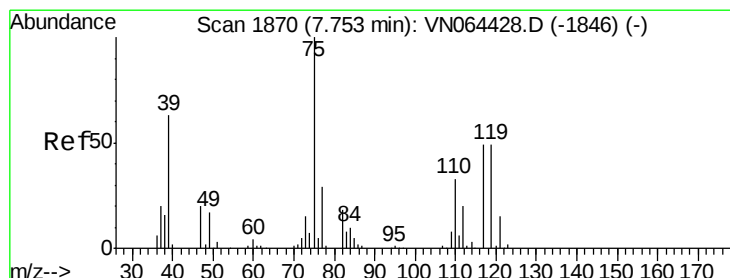
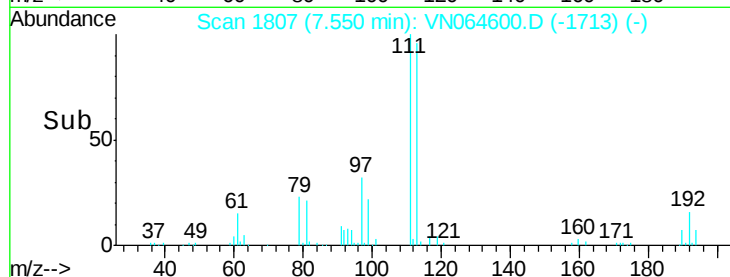
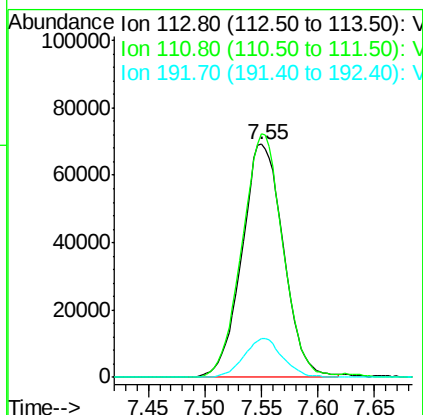
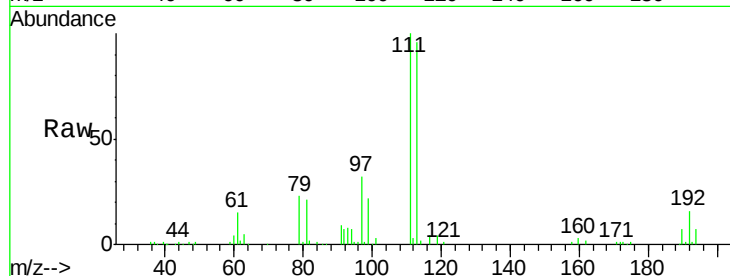




#35
 Dibromofluoromethane
 Concen: 51.109 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

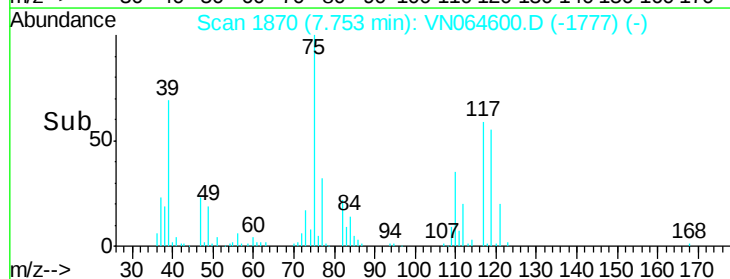
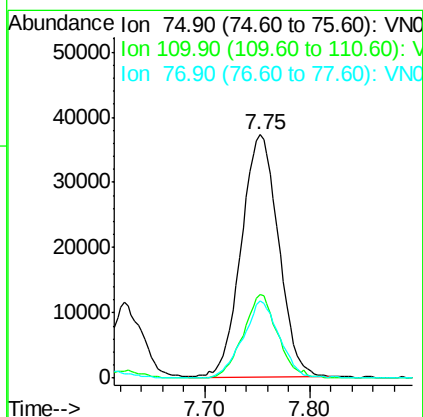
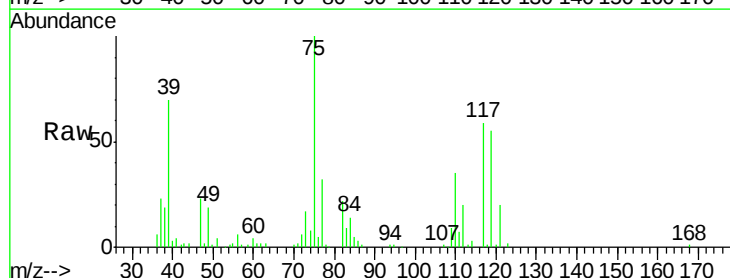
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBS02

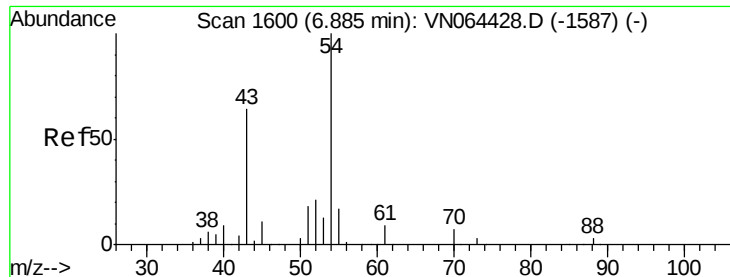
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.1	121.7
192	15.5	12.8	19.2



#36
 1,1-Dichloropropene
 Concen: 17.014 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.9	16.0	48.0
77	31.1	24.0	36.0

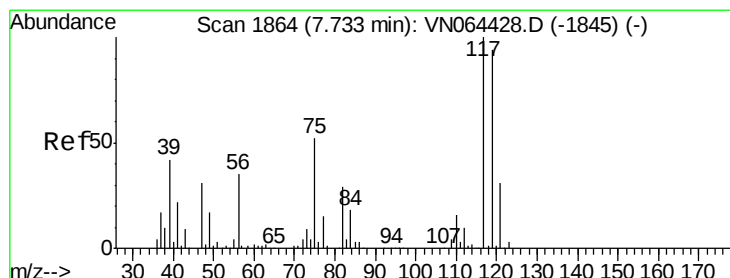
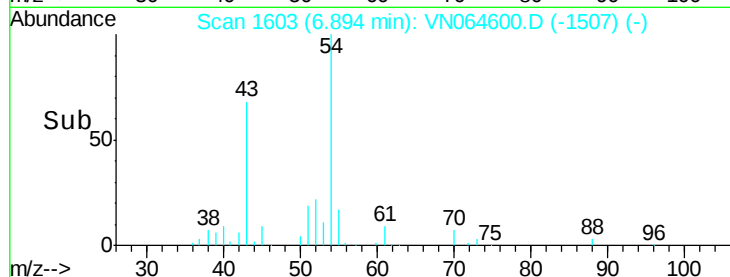
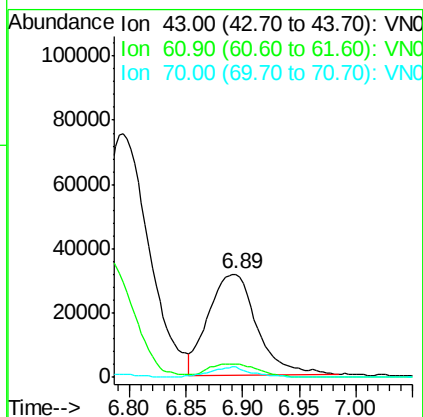
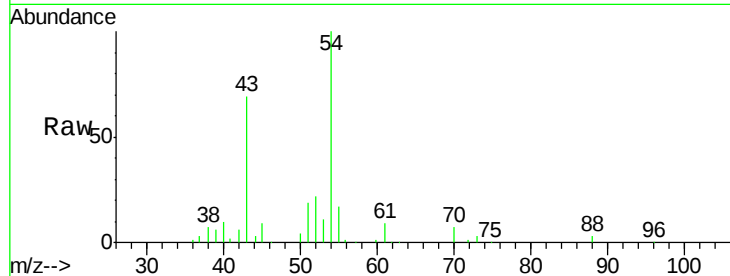




#37
Ethyl Acetate
Concen: 17.772 ug/l
RT: 6.89 min Scan# 1603
Delta R.T. 0.01 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

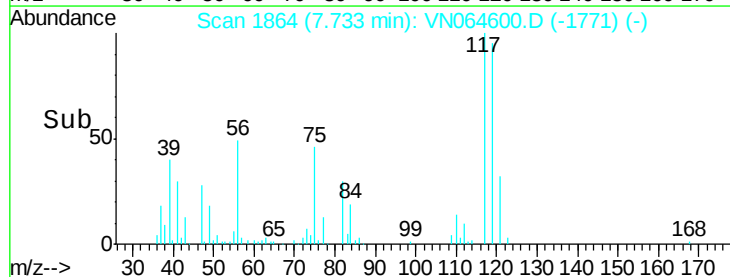
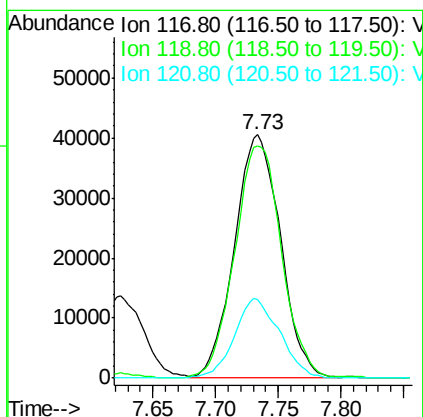
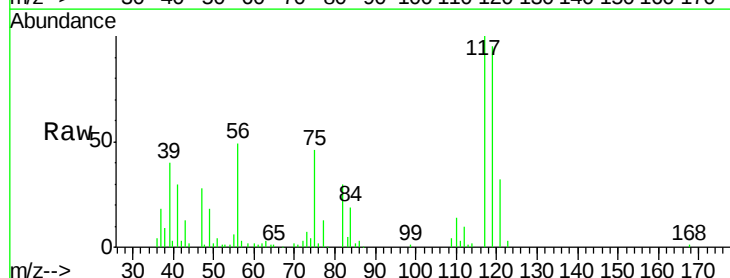
Instrument :
MSVOA_N
ClientSampled :
VN1112WBS02

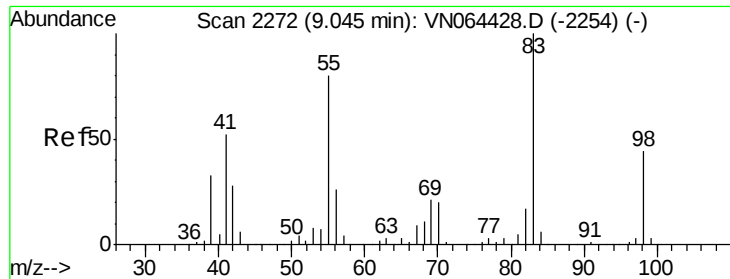
Tot Ion: 43 Resp: 94032
Ion Ratio Lower Upper
43 100
61 14.0 10.0 15.0
70 8.9 7.1 10.7



#38
Carbon Tetrachloride
Concen: 18.067 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion: 117 Resp: 103565
Ion Ratio Lower Upper
117 100
119 95.0 75.5 113.3
121 32.5 24.4 36.6

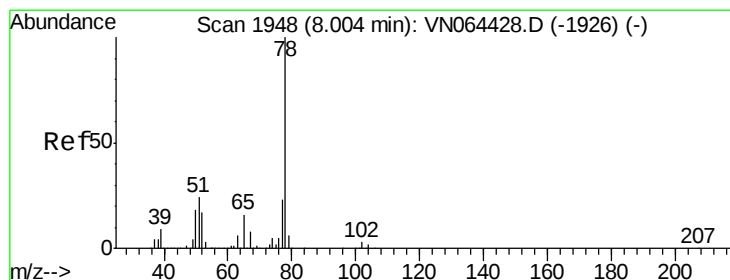
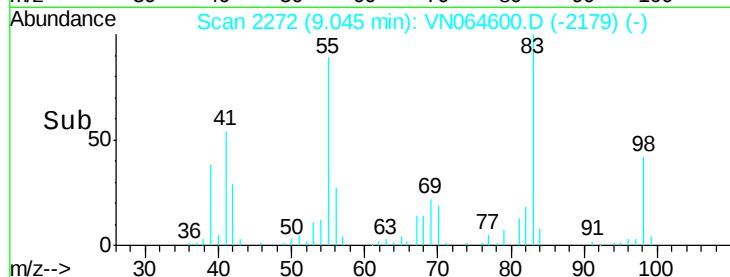
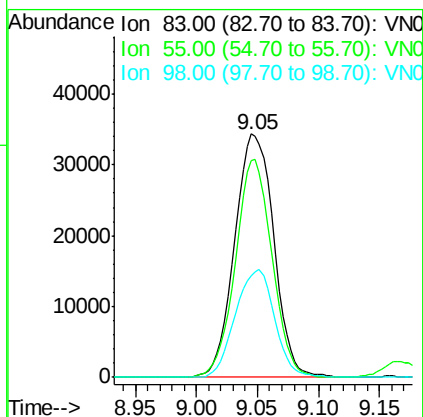
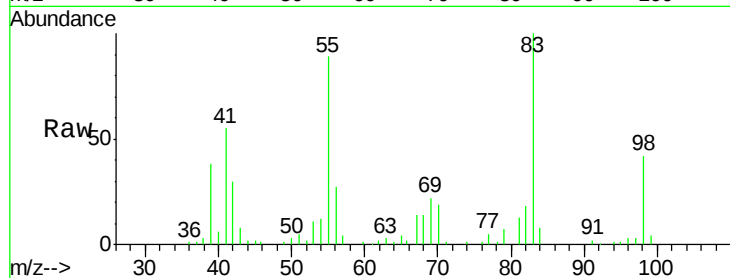




#39
Methvlcvclohexane
Concen: 15.837 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

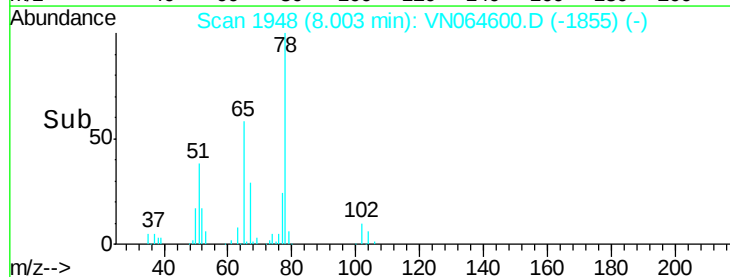
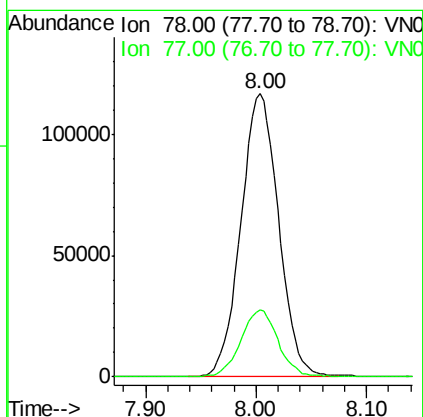
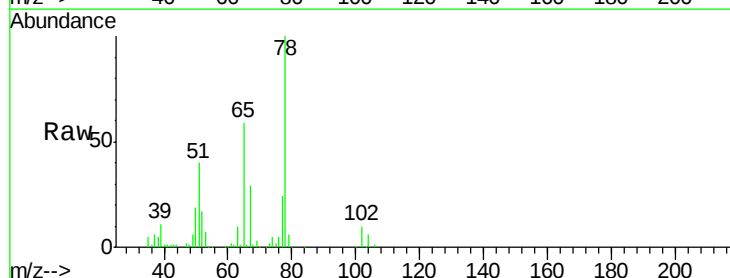
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS02

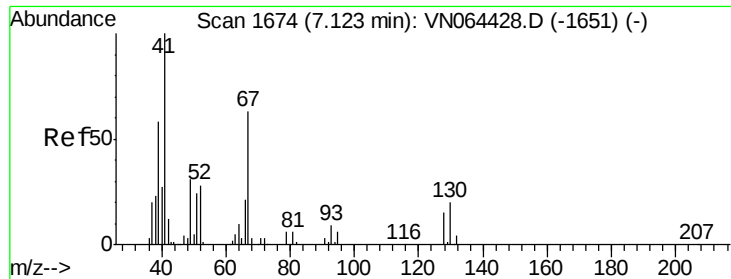
Tot Ion: 83 Resp: 76145
Ion Ratio Lower Upper
83 100
55 89.2 63.8 95.6
98 41.9 35.4 53.2



#40
Benzene
Concen: 17.500 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion: 78 Resp: 275825
Ion Ratio Lower Upper
78 100
77 23.6 18.7 28.1

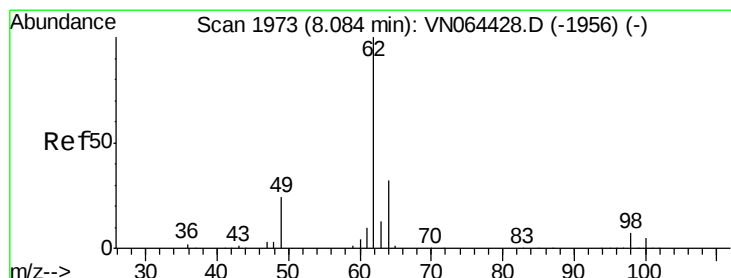
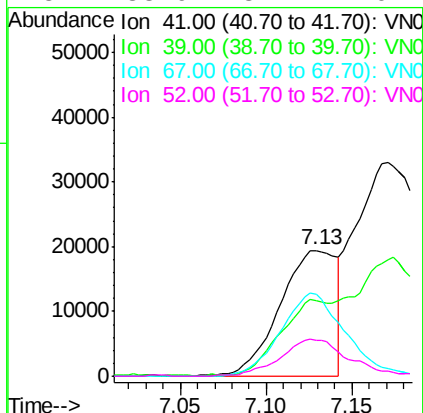
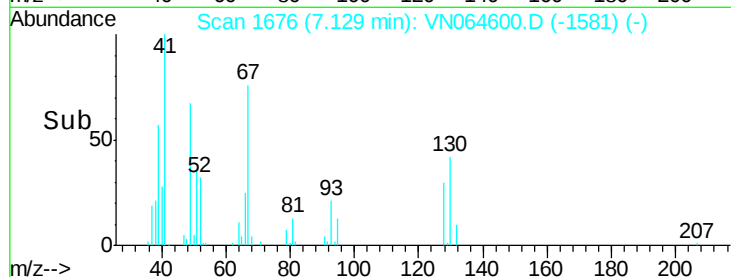
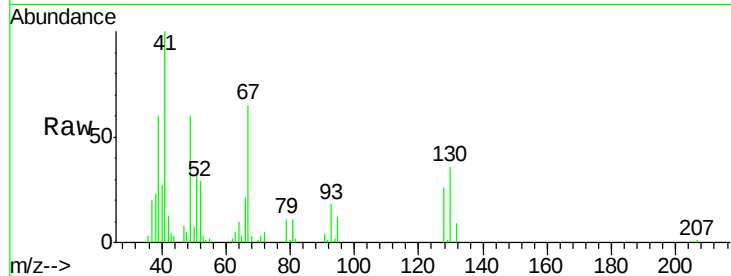




#41
Methacrylonitrile
Concen: 18.717 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.01 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

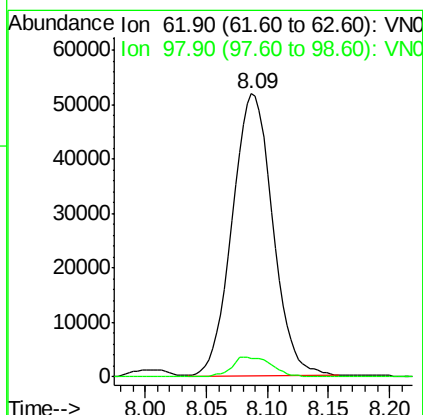
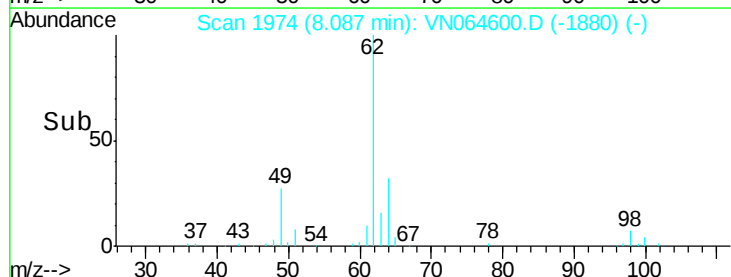
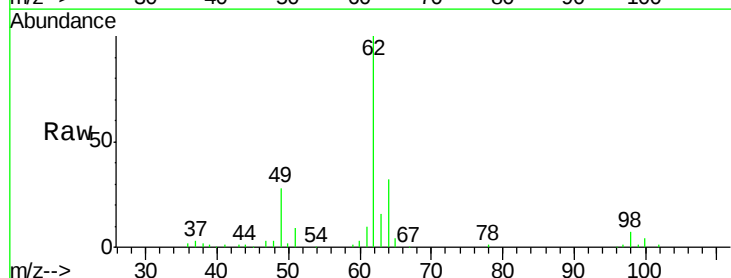
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS02

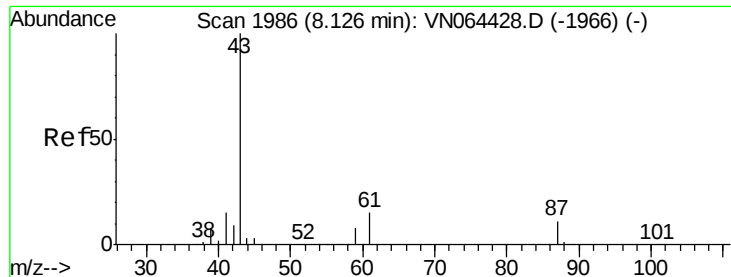
Tot Ion: 41 Resp: 44508
Ion Ratio Lower Upper
41 100
39 47.9 50.0 75.0#
67 75.5 68.3 102.5
52 33.9 32.7 49.1



#42
1,2-Dichloroethane
Concen: 18.689 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion: 62 Resp: 118871
Ion Ratio Lower Upper
62 100
98 7.0 0.0 14.0





#43

Isopropyl Acetate

Concen: 18.322 ug/l

RT: 8.13 min Scan# 1988

Delta R.T. 0.01 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBS02

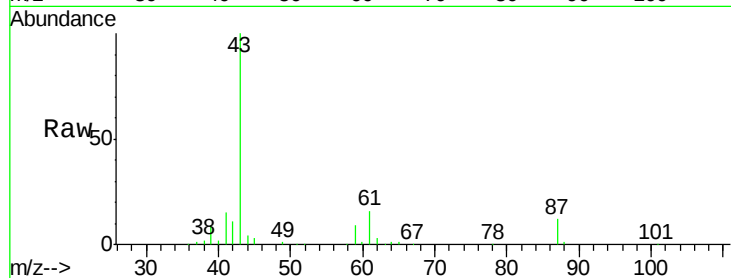
Tot Ion: 43 Resp: 159256

Ion Ratio Lower Upper

43 100

61 18.1 14.0 21.0

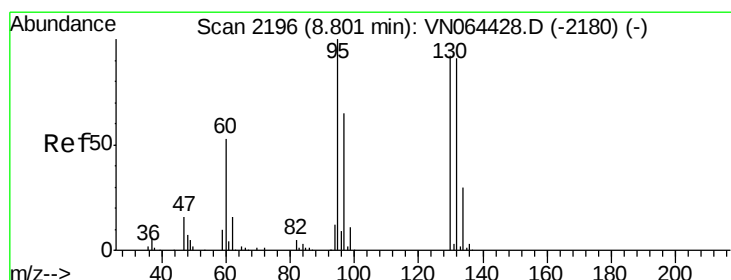
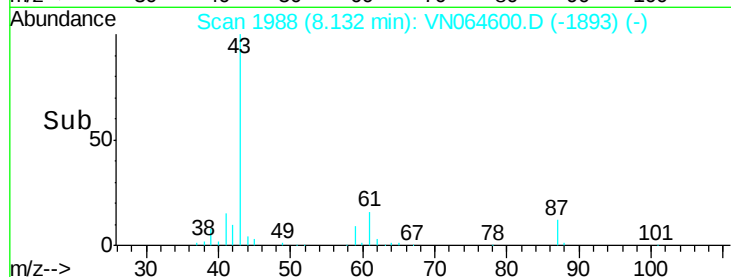
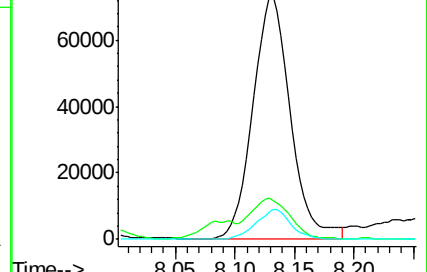
87 11.4 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN064600.D (-1988) (-)

Ion 61.00 (60.70 to 61.70): VN064600.D (-1988) (-)

Ion 87.00 (86.70 to 87.70): VN064600.D (-1988) (-)



#44

Trichloroethene

Concen: 17.376 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064600.D

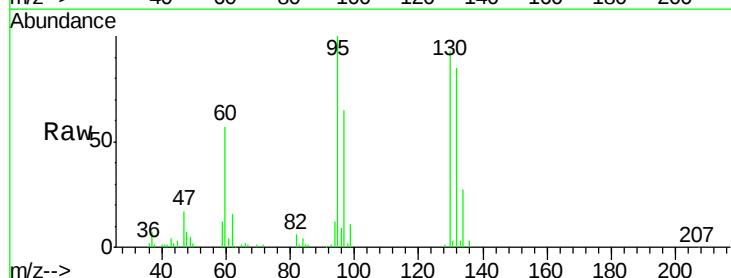
Acq: 13 Nov 2020 00:06

Tgt Ion:130 Resp: 69095

Ion Ratio Lower Upper

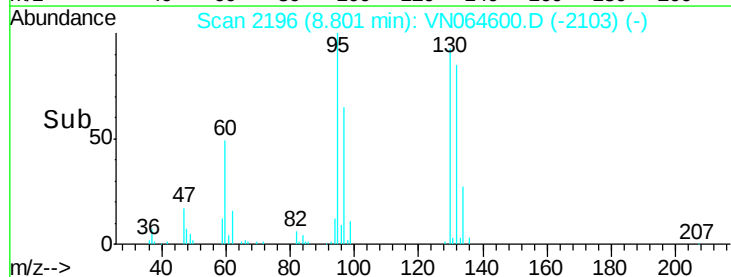
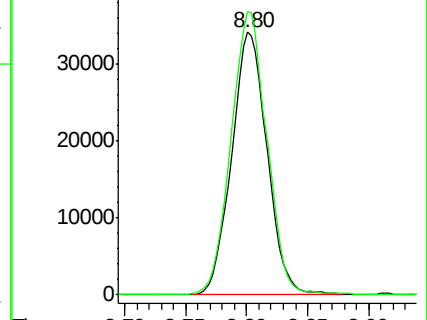
130 100

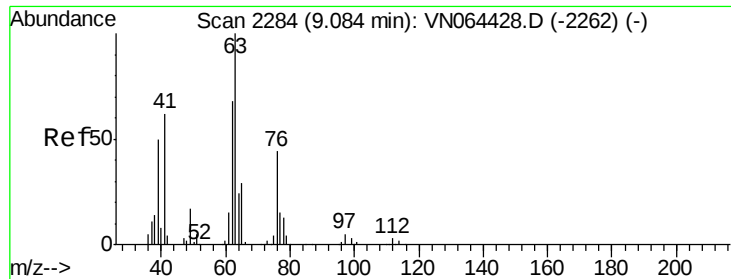
95 107.4 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN064600.D (-2196) (-)

Ion 94.90 (94.60 to 95.60): VN064600.D (-2196) (-)





#45

1,2-Dichloropropane

Concen: 18.413 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

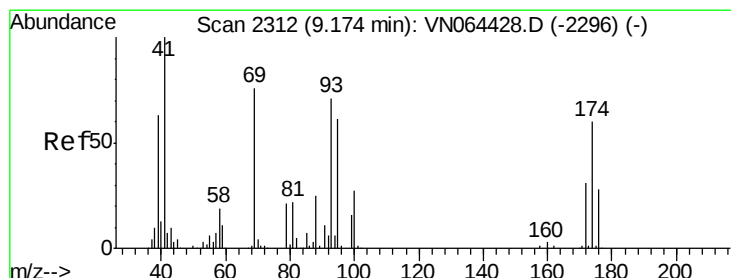
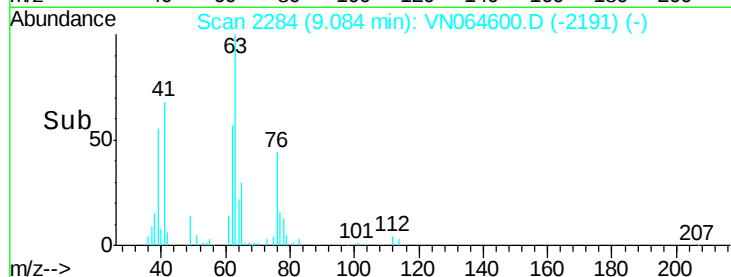
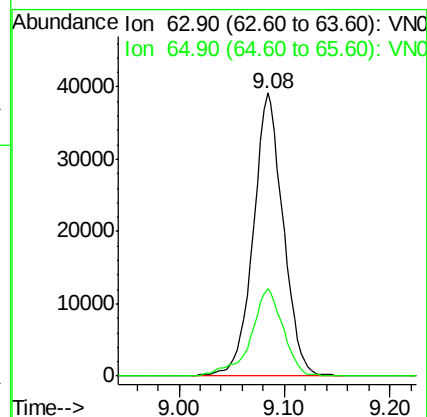
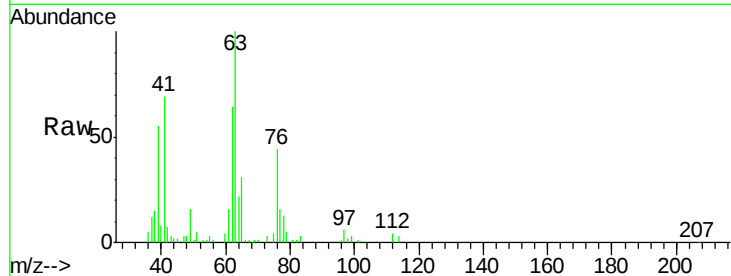
VN1112WBS02

Tot Ion: 63 Resp: 77436

Ion Ratio Lower Upper

63 100

65 30.7 23.6 35.4



#46

Dibromomethane

Concen: 19.492 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

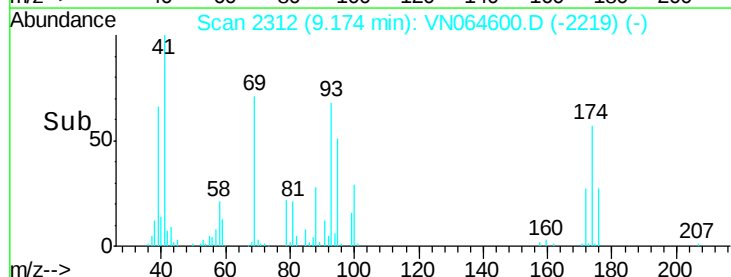
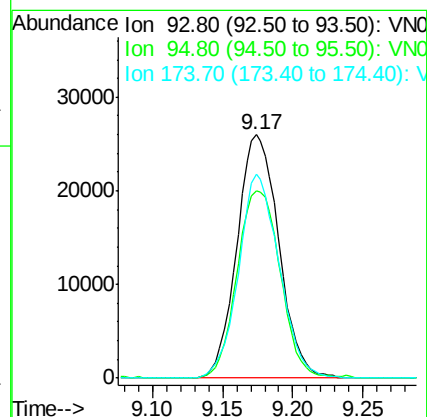
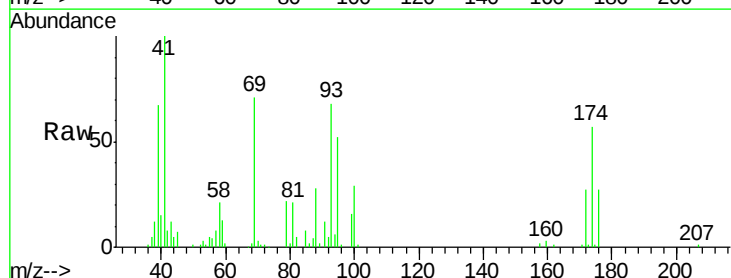
Tgt Ion: 93 Resp: 53962

Ion Ratio Lower Upper

93 100

95 79.6 66.4 99.6

174 81.5 67.2 100.8





#47

Bromodichloromethane

Concen: 18.686 ug/l

RT: 9.37 min Scan# 2374

Delta R.T. 0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBS02

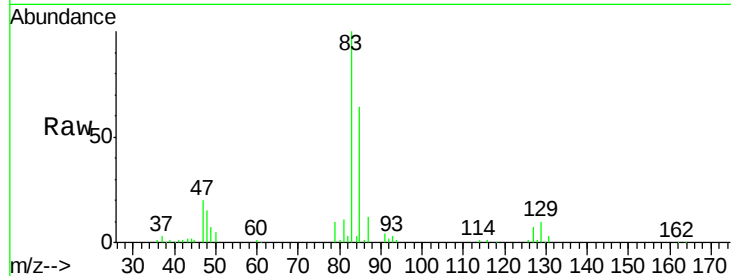
Tot Ion: 83 Resp: 111228

Ion Ratio Lower Upper

83 100

85 64.1 51.2 76.8

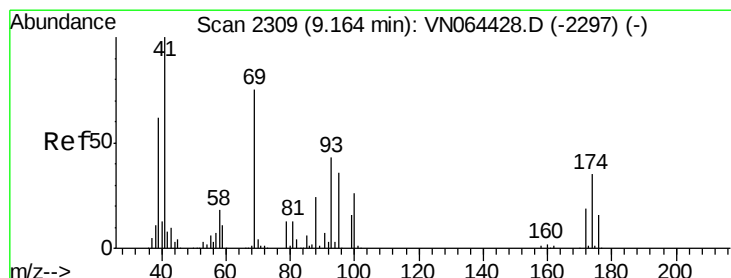
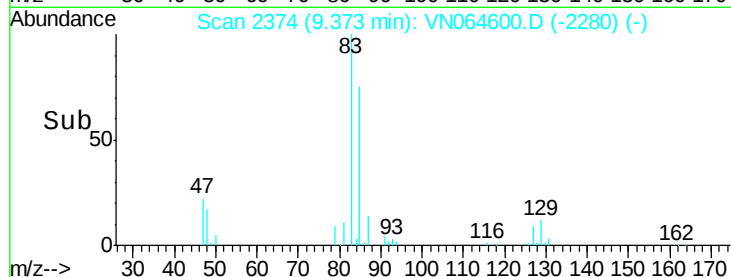
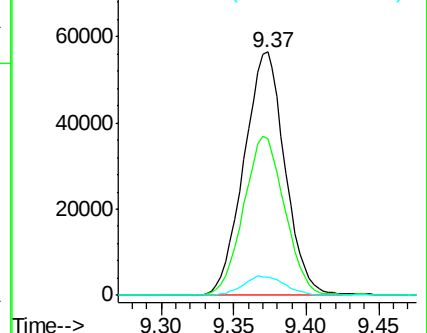
127 7.4 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN064600.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064600.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064600.D (-2280) (-)



#48

Methyl methacrylate

Concen: 18.126 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

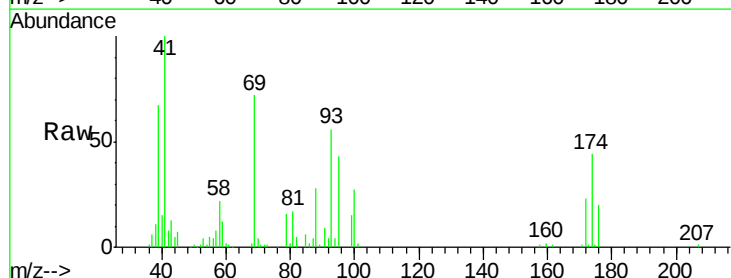
Tgt Ion: 41 Resp: 79505

Ion Ratio Lower Upper

41 100

69 72.6 60.4 90.6

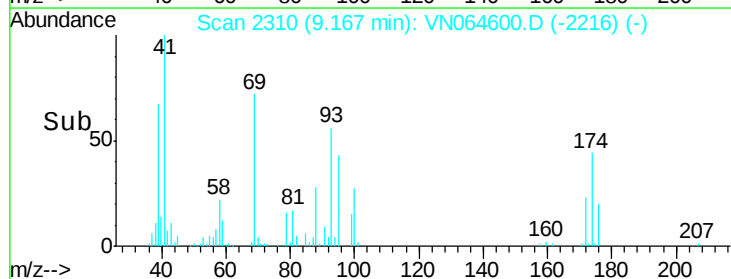
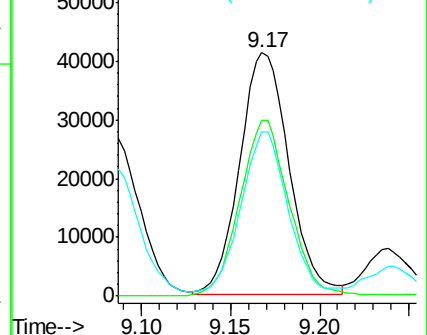
39 64.9 51.2 76.8

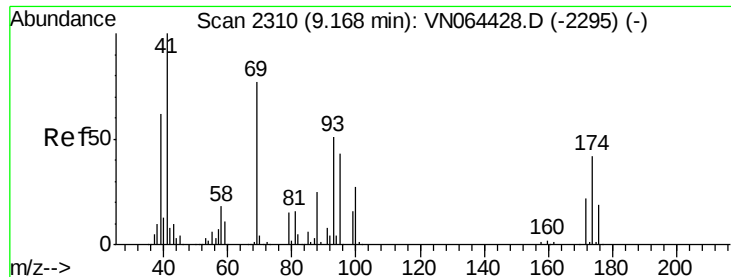


Abundance Ion 41.00 (40.70 to 41.70): VN064600.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064600.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064600.D (-2216) (-)





#49

1,4-Dioxane

Concen: 398.328 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBS02

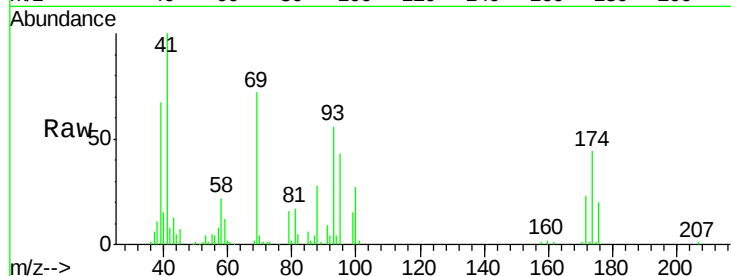
Tot Ion: 88 Resp: 23012

Ion Ratio Lower Upper

88 100

43 44.6 31.0 46.6

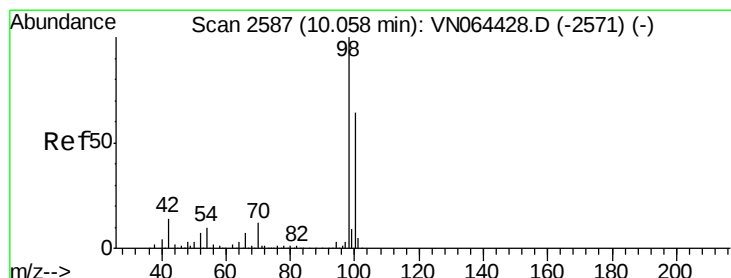
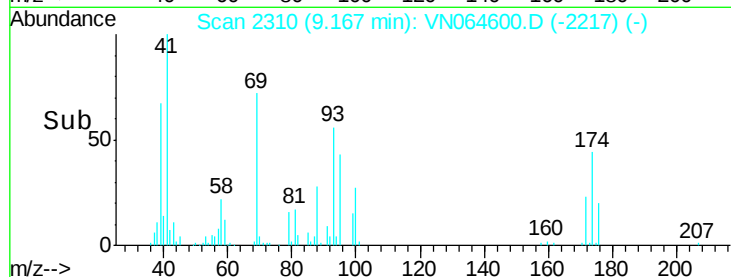
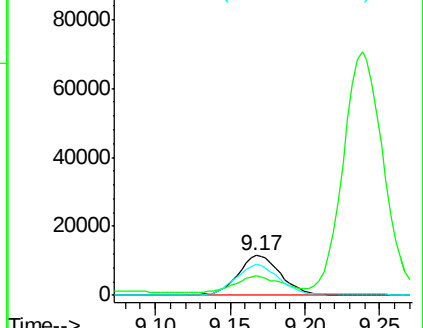
58 79.0 58.4 87.6



Abundance Ion 88.00 (87.70 to 88.70): VN064600.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN064600.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN064600.D (-2217) (-)



#50

Toluene-d8

Concen: 47.853 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064600.D

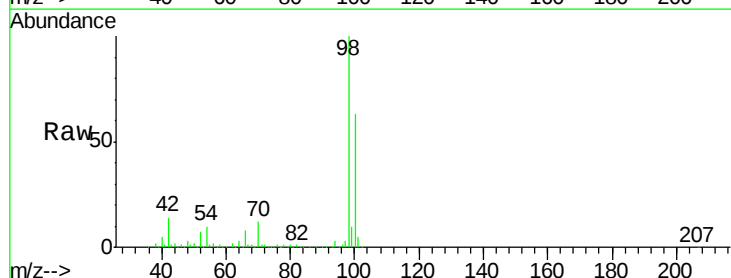
Acq: 13 Nov 2020 00:06

Tgt Ion: 98 Resp: 639348

Ion Ratio Lower Upper

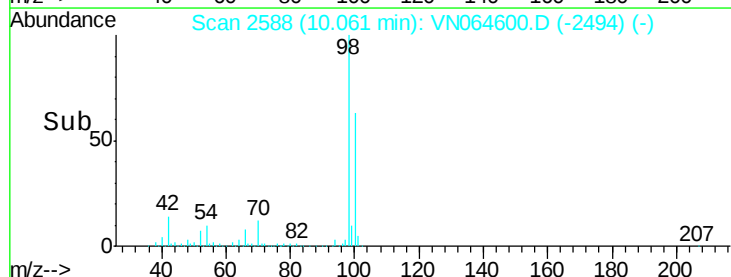
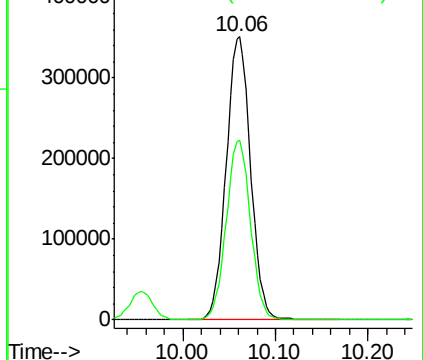
98 100

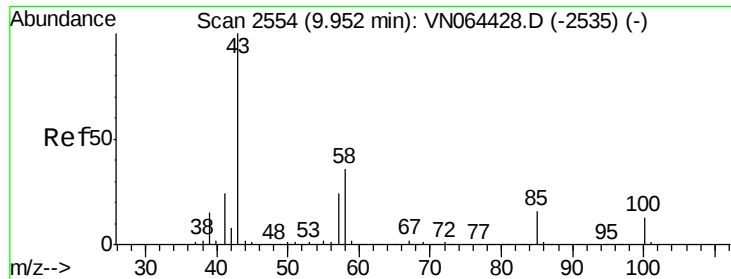
100 63.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN064600.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN064600.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 99.760 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

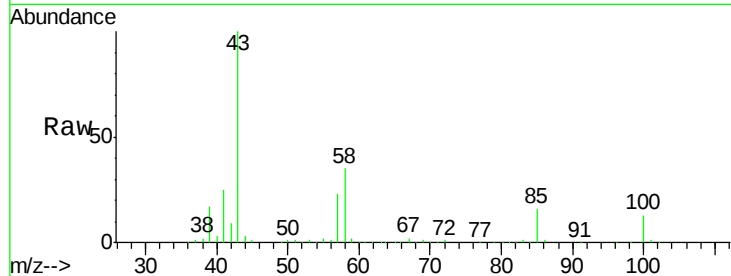
VN1112WBS02

Tot Ion: 43 Resp: 505692

Ion Ratio Lower Upper

43 100

58 34.7 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-2535) (-)

9.96

300000

250000

200000

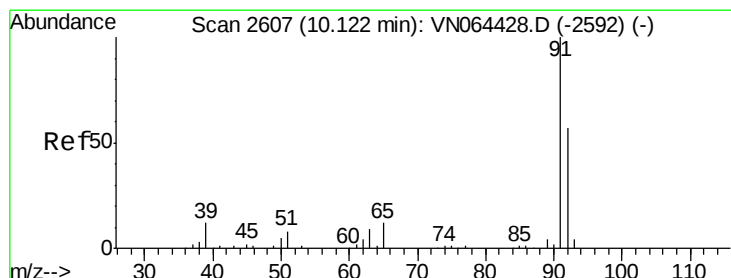
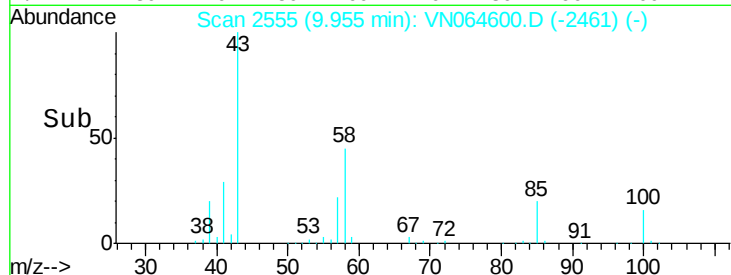
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 17.807 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064600.D

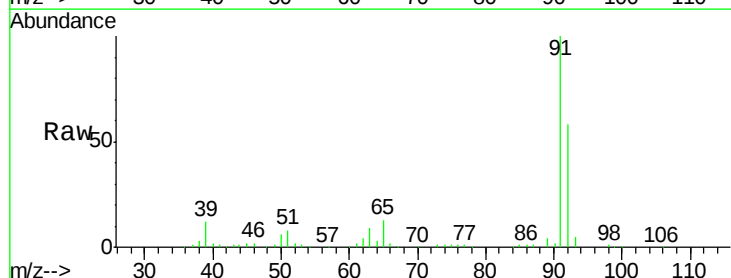
Acq: 13 Nov 2020 00:06

Tgt Ion: 92 Resp: 171178

Ion Ratio Lower Upper

92 100

91 176.0 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN064428.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064428.D (-2592) (-)

10.13

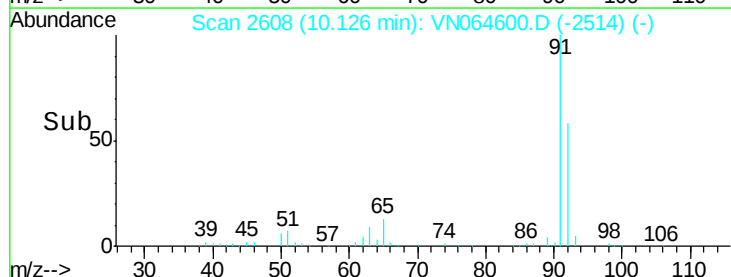
150000

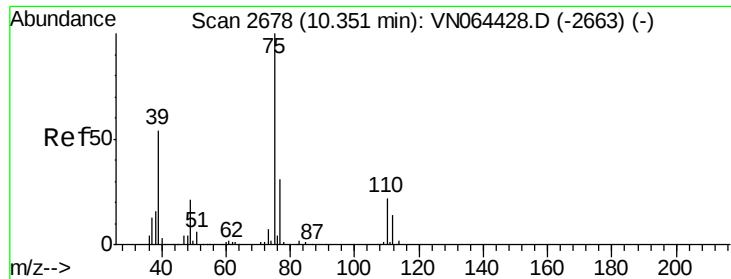
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 16.636 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

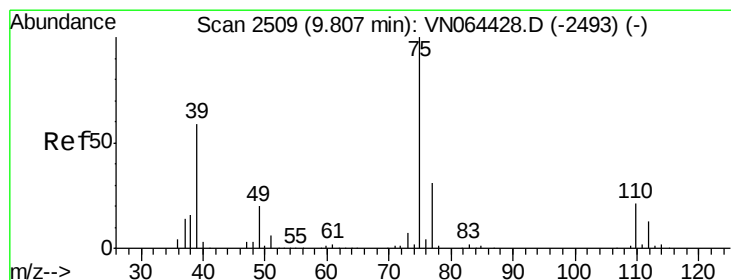
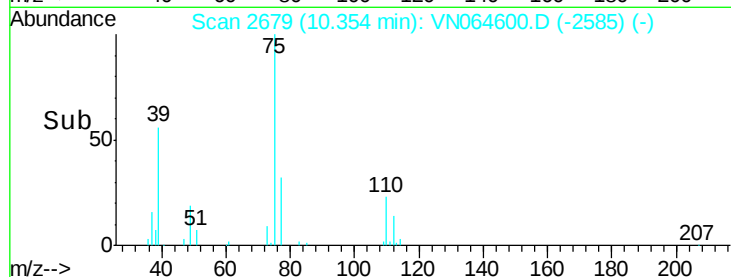
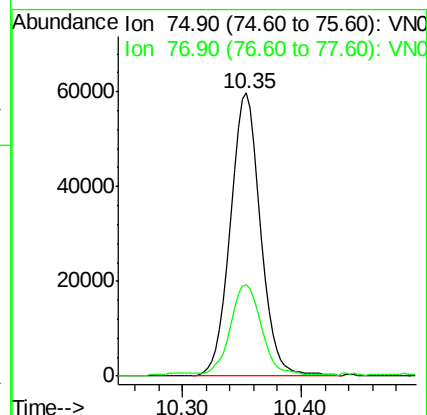
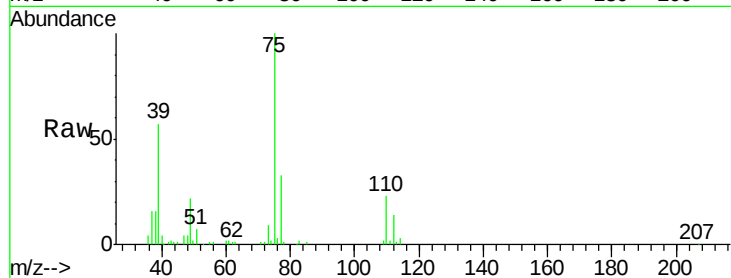
VN1112WBS02

Tot Ion: 75 Resp: 104989

Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 16.879 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

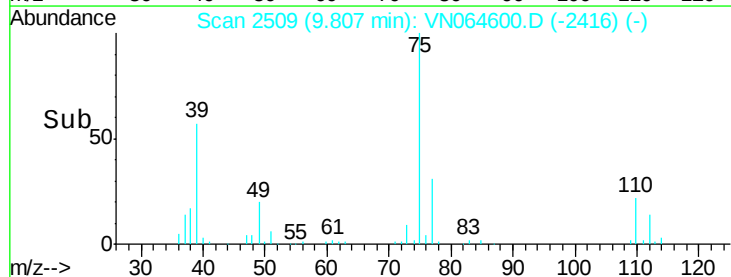
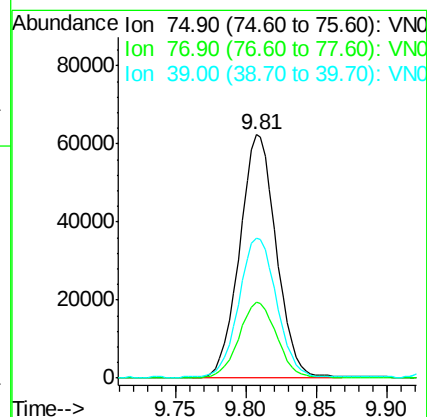
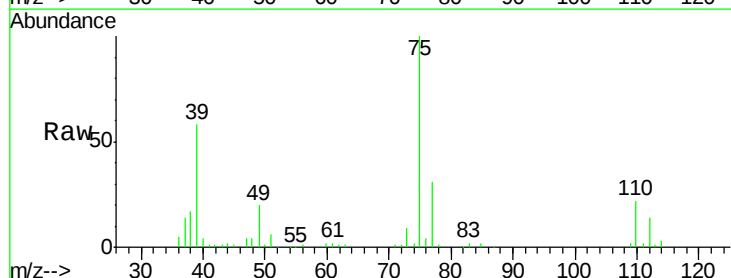
Tgt Ion: 75 Resp: 113887

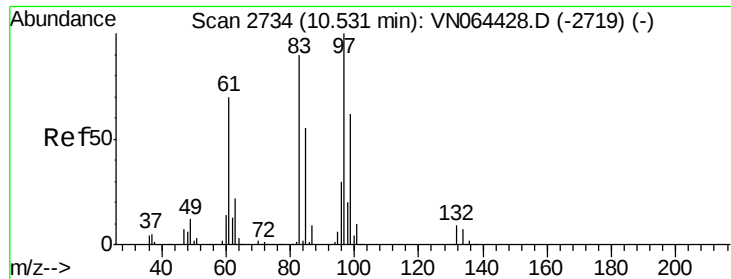
Ion Ratio Lower Upper

75 100

77 31.1 24.9 37.3

39 57.3 47.1 70.7

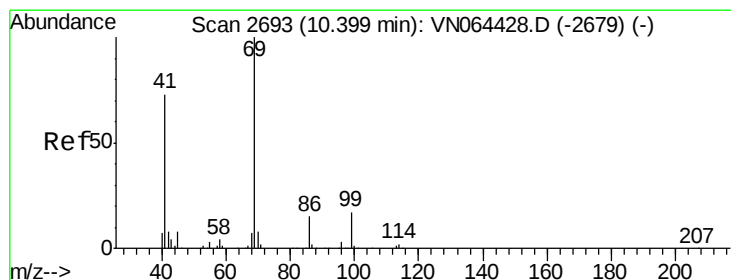
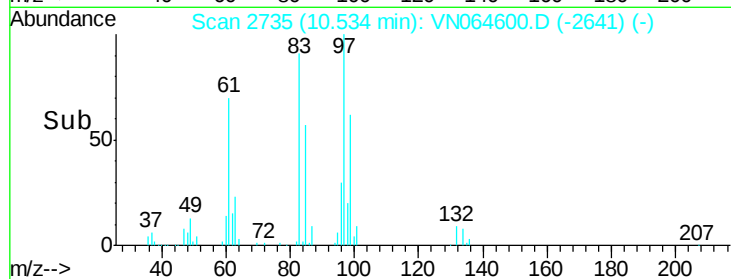
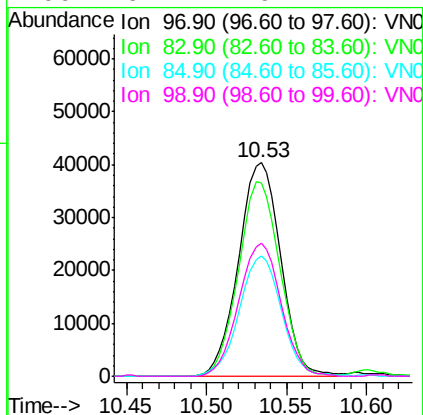
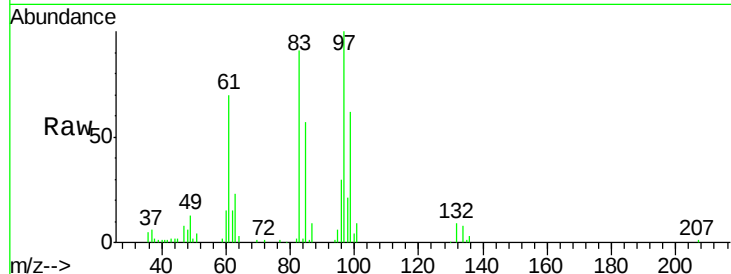




#55
 1,1,2-Trichloroethane
 Concen: 19.371 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

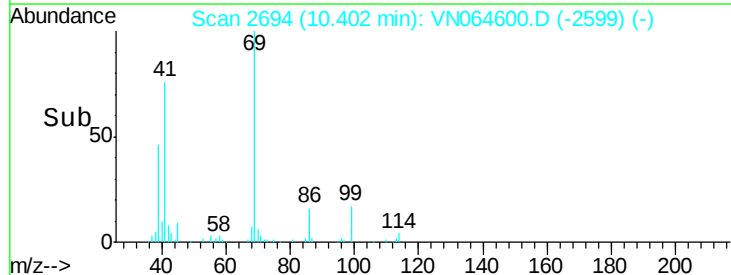
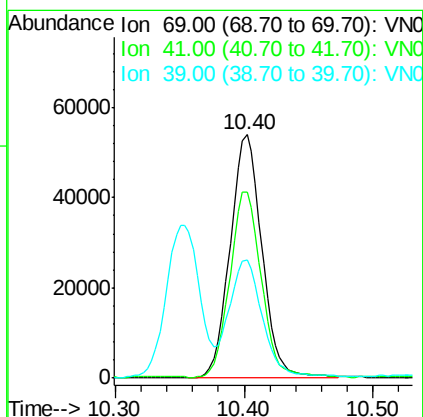
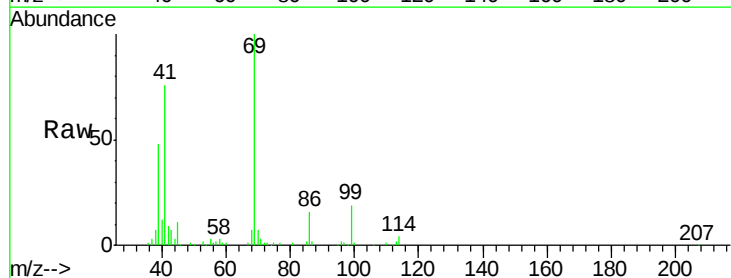
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBS02

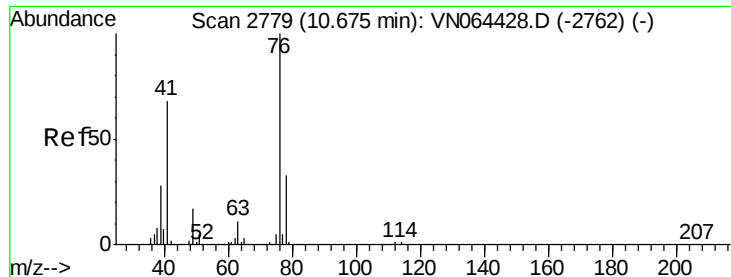
Tot Ion: 97 Resp: 72621
 Ion Ratio Lower Upper
 97 100
 83 90.6 71.7 107.5
 85 56.6 44.3 66.5
 99 62.2 49.4 74.2



#56
 Ethyl methacrylate
 Concen: 16.288 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Tgt Ion: 69 Resp: 92518
 Ion Ratio Lower Upper
 69 100
 41 75.2 59.3 88.9
 39 49.5 35.4 53.0





#57

1,3-Dichloropropane

Concen: 18.250 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

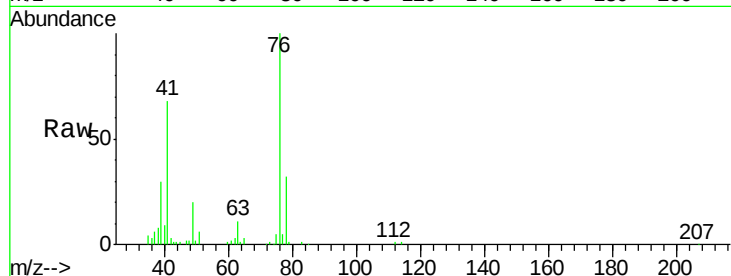
VN1112WBS02

Tot Ion: 76 Resp: 119421

Ion Ratio Lower Upper

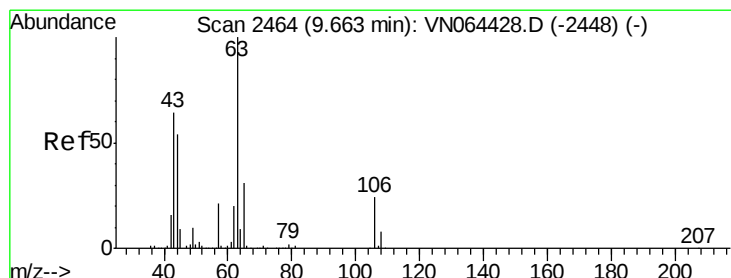
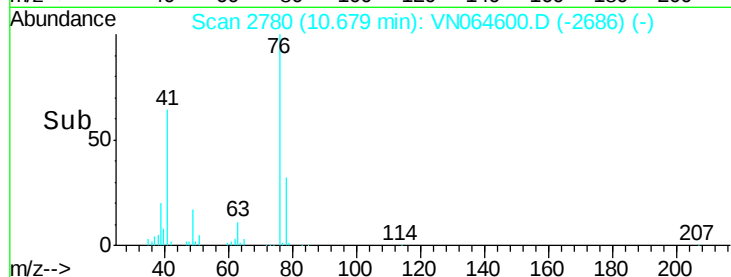
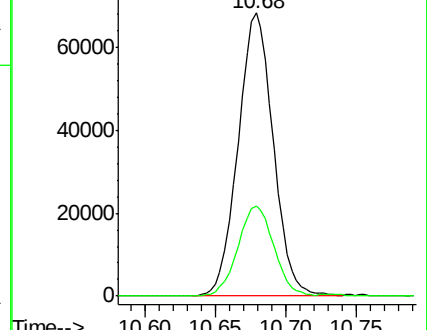
76 100

78 32.7 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN064428.D (-2762) (-)

Ion 77.90 (77.60 to 78.60): VN064428.D (-2762) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 101.927 ug/l

RT: 9.67 min Scan# 2465

Delta R.T. 0.00 min

Lab File: VN064600.D

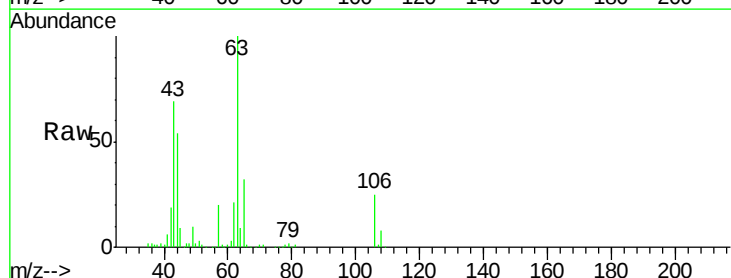
Acq: 13 Nov 2020 00:06

Tgt Ion: 63 Resp: 256389

Ion Ratio Lower Upper

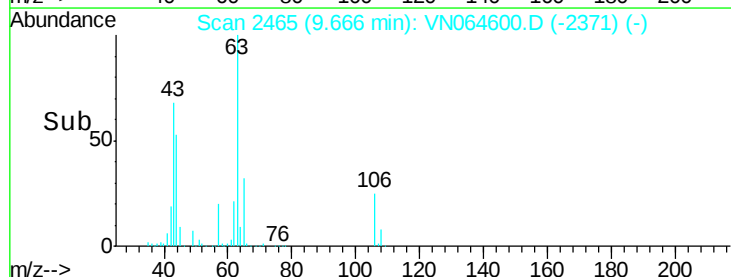
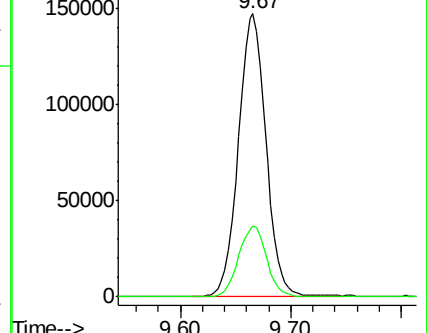
63 100

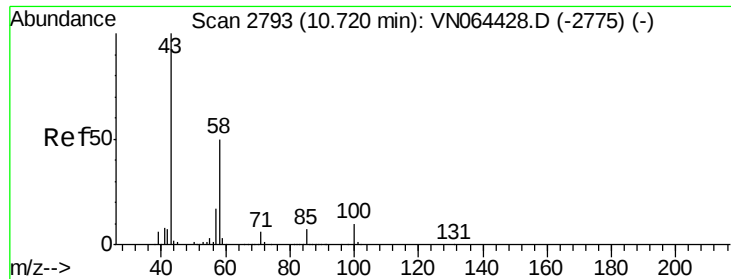
106 25.3 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN064428.D (-2448) (-)

Ion 105.90 (105.60 to 106.60): VN064428.D (-2448) (-)





#59

2-Hexanone

Concen: 89.344 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

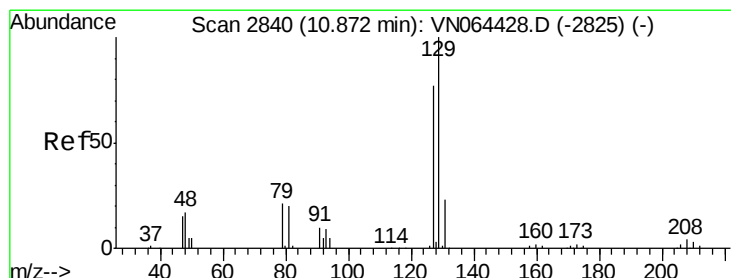
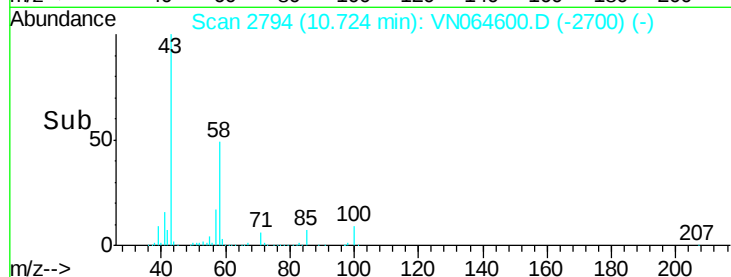
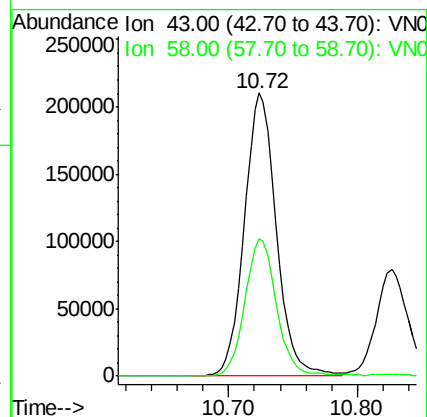
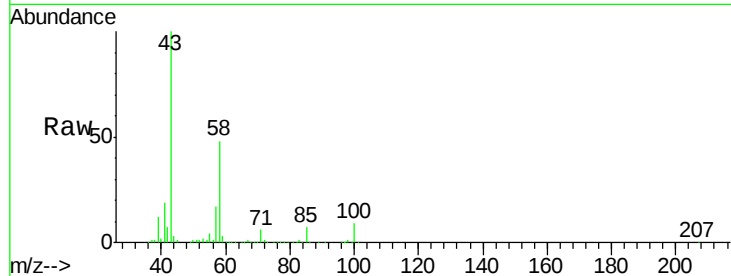
VN1112WBS02

Tot Ion: 43 Resp: 358431

Ion Ratio Lower Upper

43 100

58 48.7 24.7 74.1



#60

Dibromochloromethane

Concen: 18.411 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN064600.D

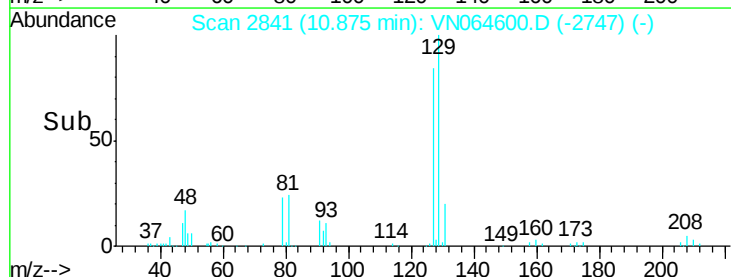
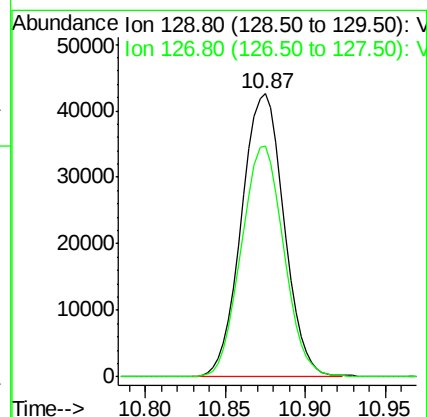
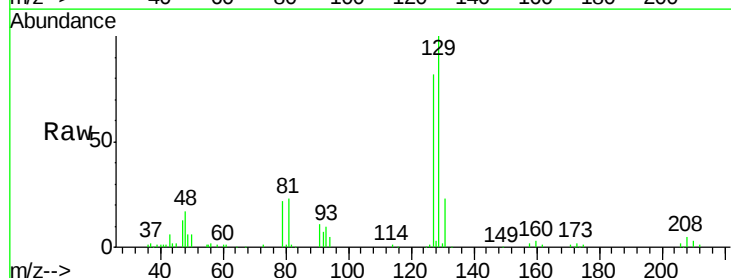
Acq: 13 Nov 2020 00:06

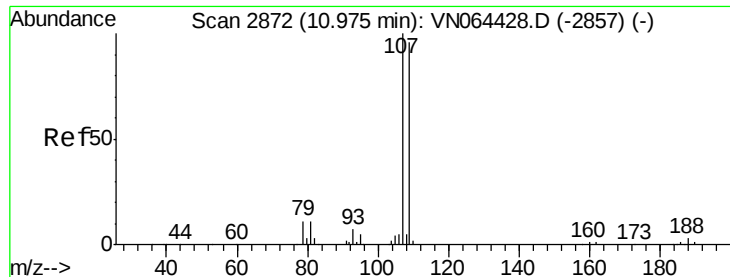
Tgt Ion: 129 Resp: 77278

Ion Ratio Lower Upper

129 100

127 81.6 38.9 116.7

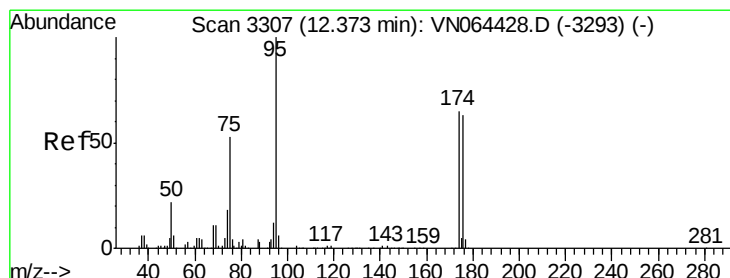
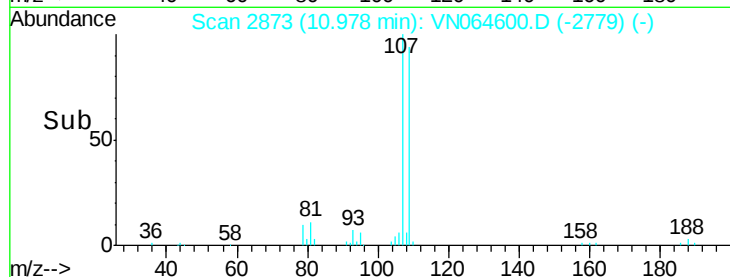
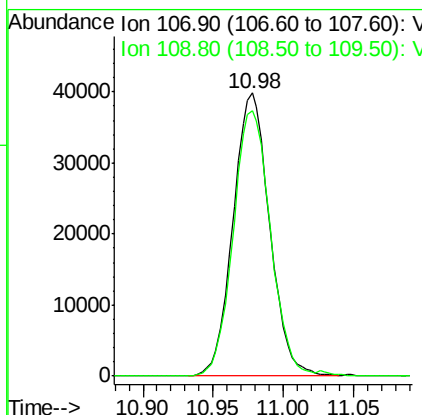
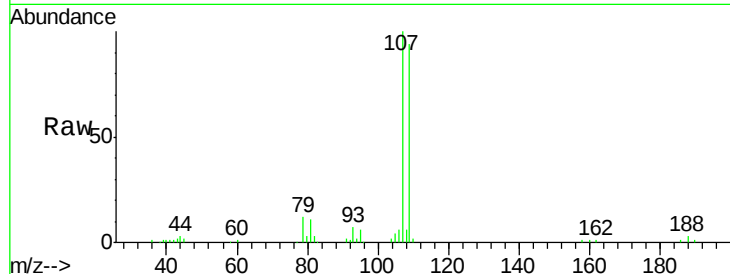




#61
 1,2-Dibromoethane
 Concen: 19.055 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

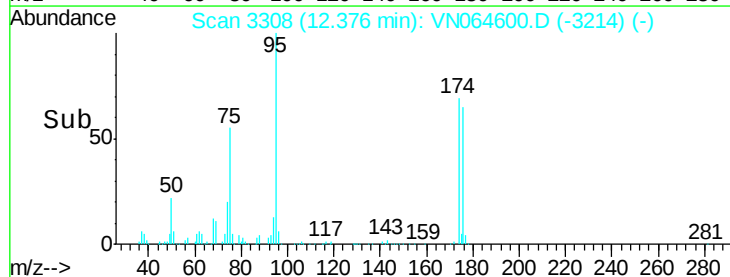
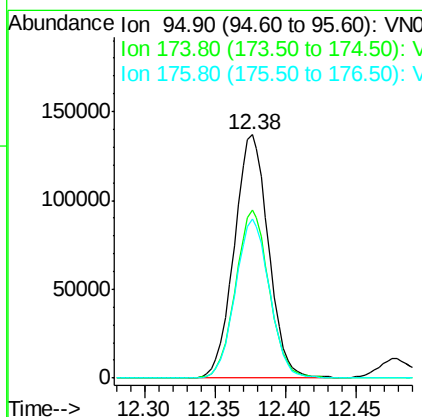
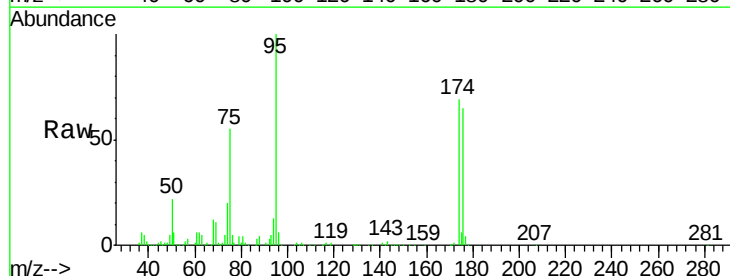
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBS02

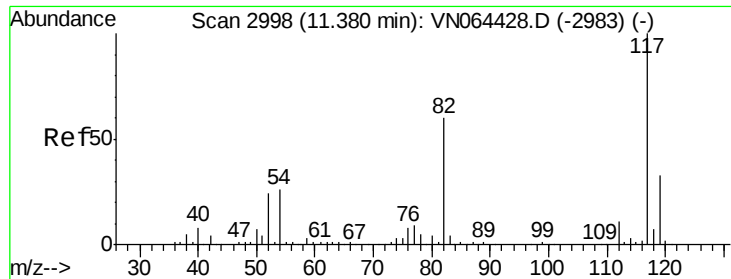
Tot Ion: 107 Resp: 72460
 Ion Ratio Lower Upper
 107 100
 109 95.3 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 46.102 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Tgt Ion: 95 Resp: 232946
 Ion Ratio Lower Upper
 95 100
 174 68.2 0.0 132.6
 176 65.3 0.0 129.2

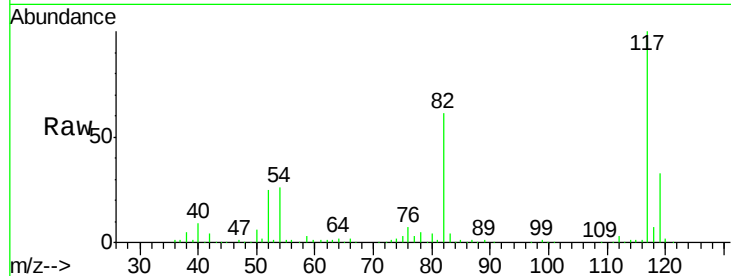




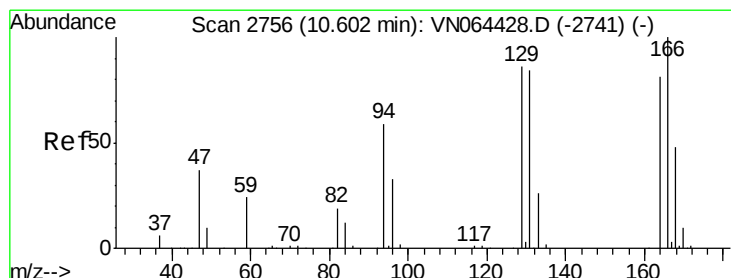
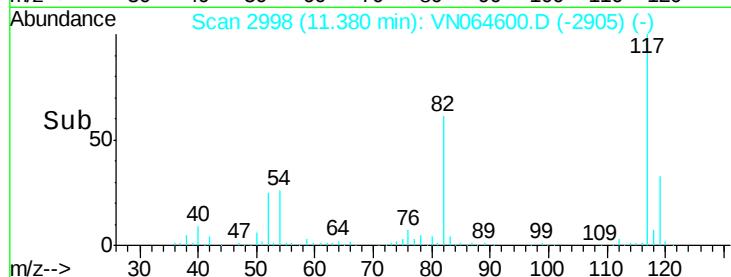
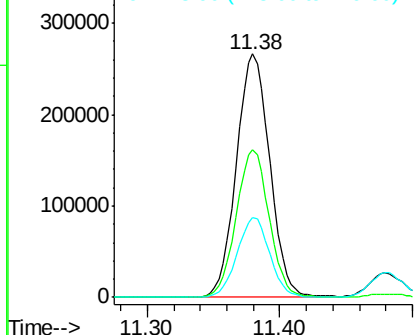
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS02

Tot Ion:117 Resp: 466862
Ion Ratio Lower Upper
117 100
82 60.6 48.1 72.1
119 32.7 26.2 39.4

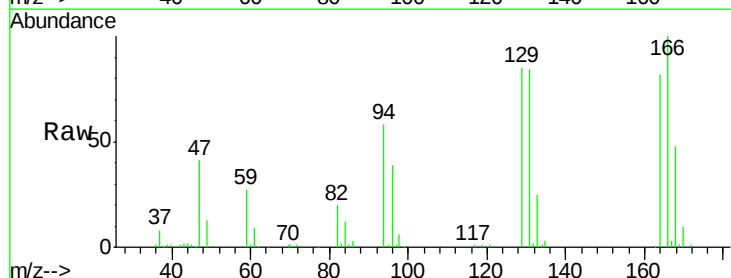


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

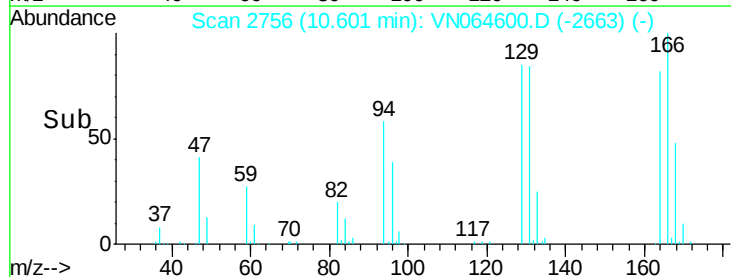
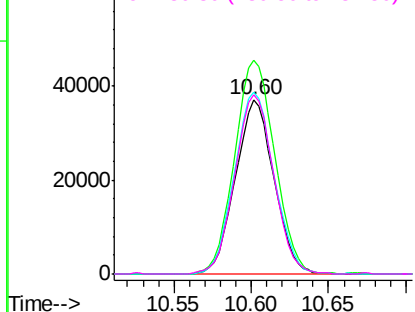


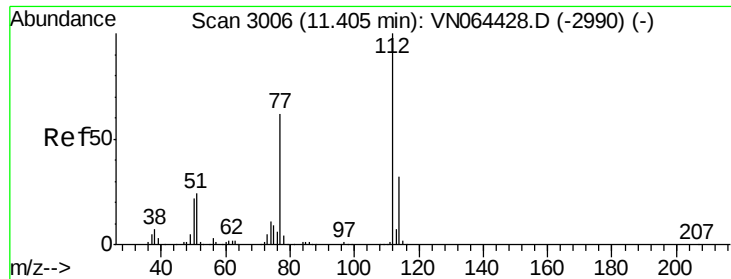
#64
Tetrachloroethene
Concen: 17.888 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion:164 Resp: 64329
Ion Ratio Lower Upper
164 100
166 122.7 98.2 147.2
129 104.5 84.6 127.0
131 103.2 82.2 123.2



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

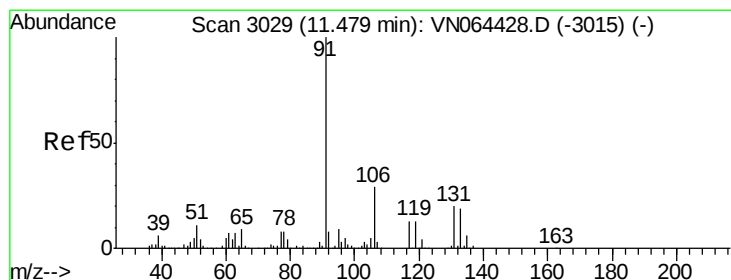
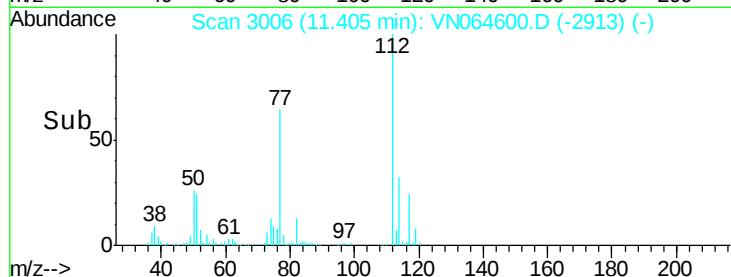
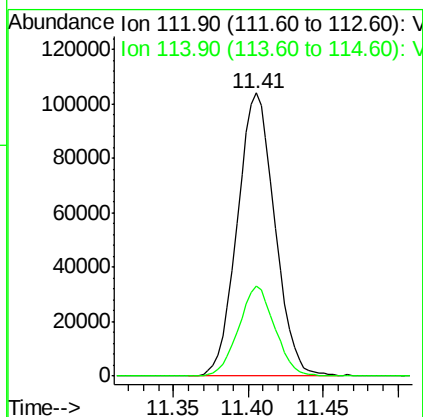
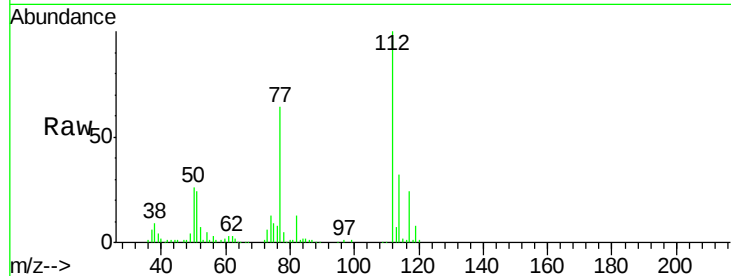




#65
Chlorobenzene
Concen: 17.683 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

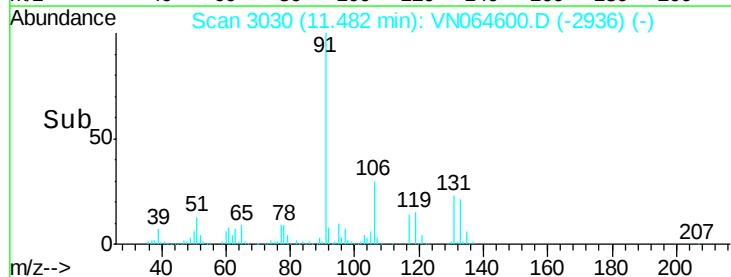
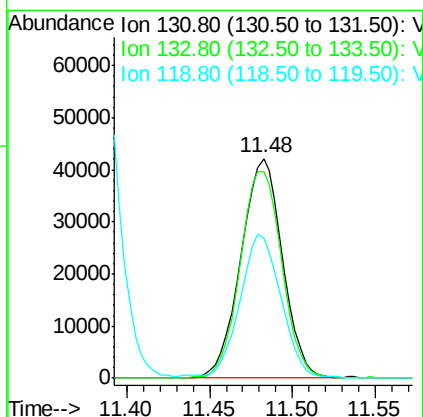
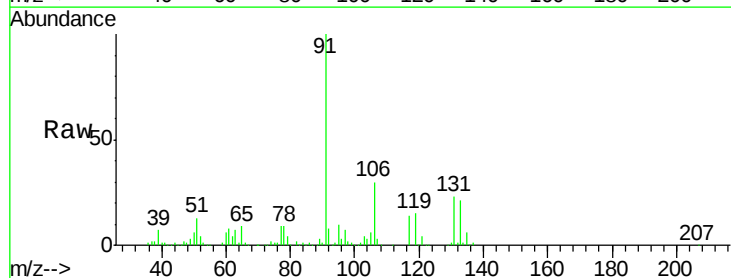
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS02

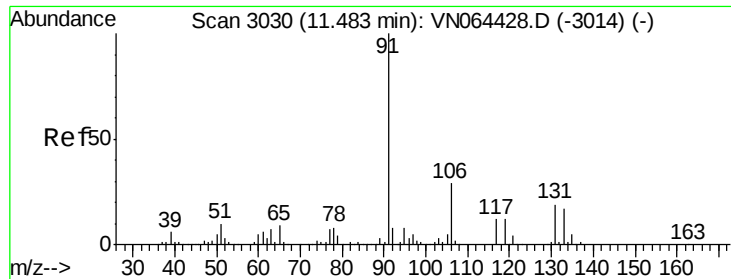
Tot Ion:112 Resp: 180977
Ion Ratio Lower Upper
112 100
114 31.6 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.279 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion:131 Resp: 73612
Ion Ratio Lower Upper
131 100
133 94.5 46.9 140.7
119 64.5 32.1 96.5

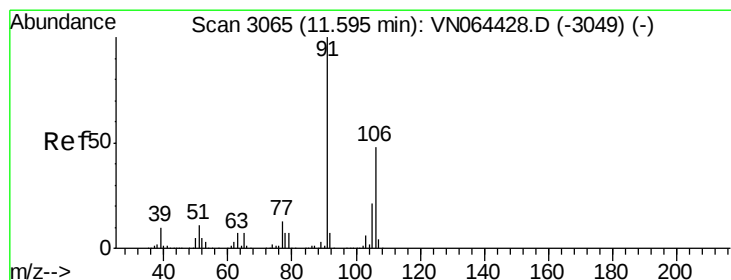
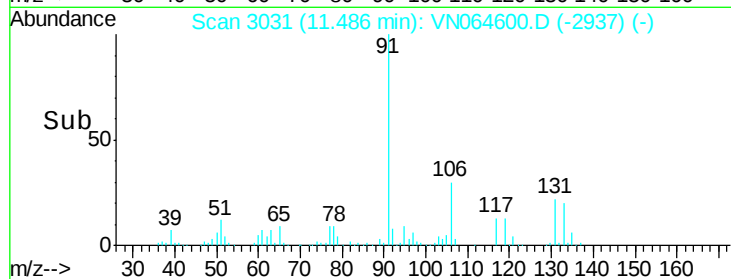
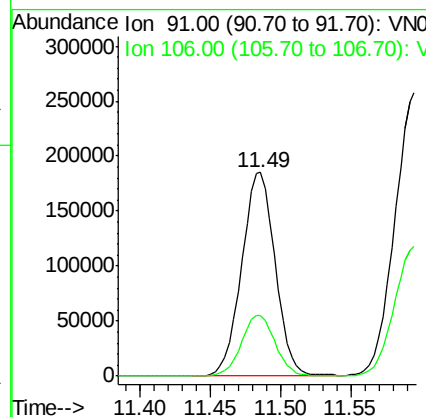
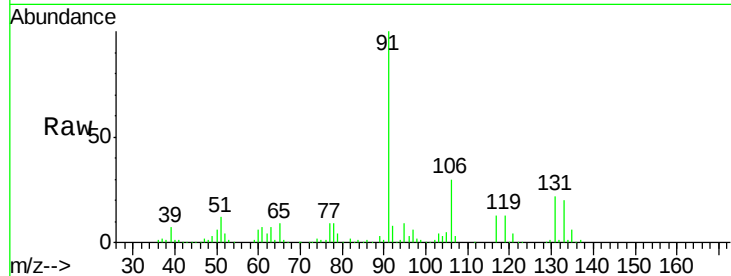




#67
Ethyl Benzene
Concen: 17.011 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

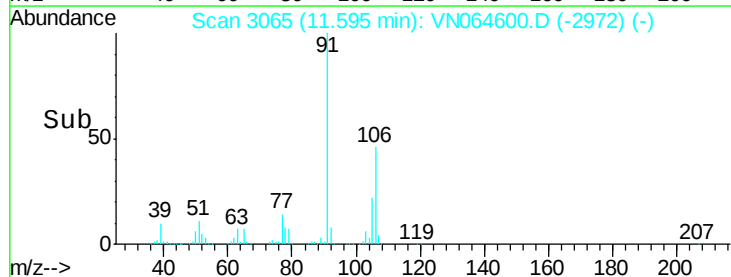
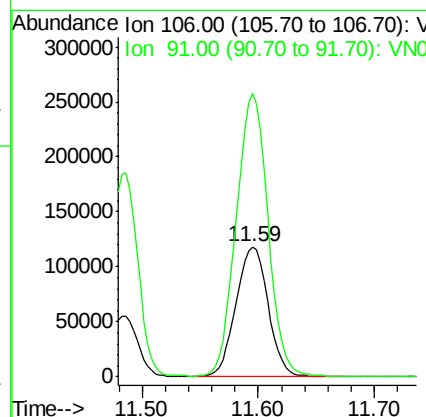
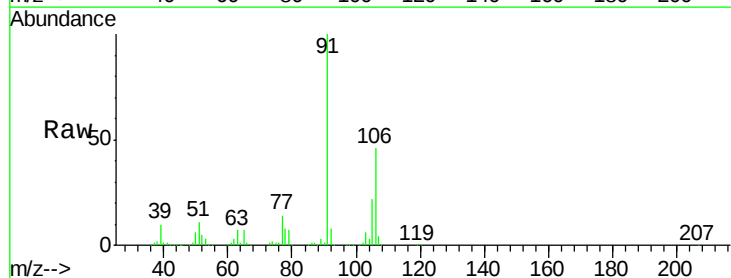
Instrument :
MSVOA_N
ClientSampled :
VN1112WBS02

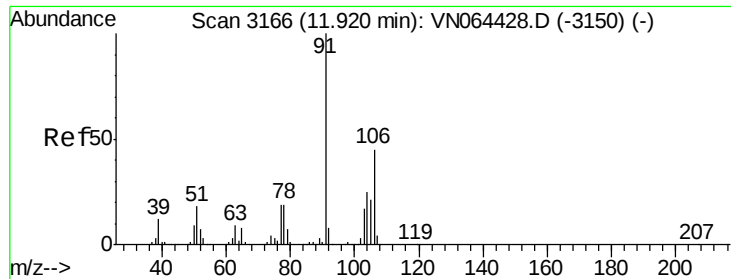
Tot Ion: 91 Resp: 309684
Ion Ratio Lower Upper
91 100
106 29.7 23.6 35.4



#68
m/p-Xylenes
Concen: 34.311 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion: 106 Resp: 226530
Ion Ratio Lower Upper
106 100
91 214.9 169.4 254.2

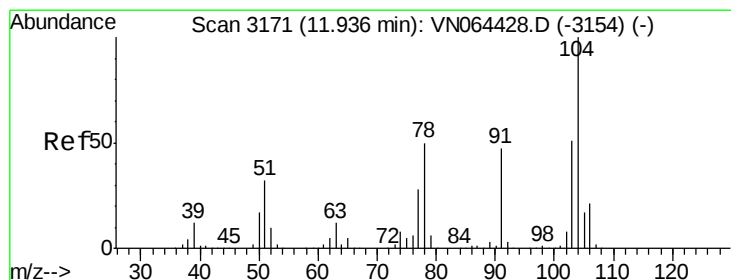
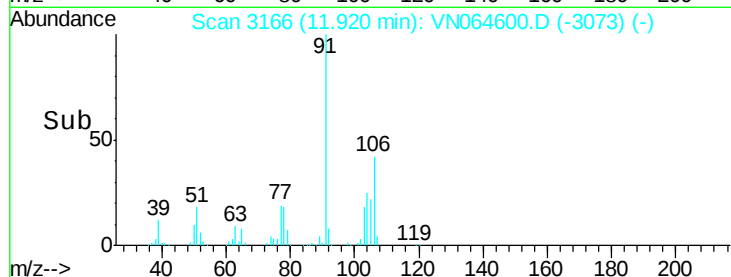
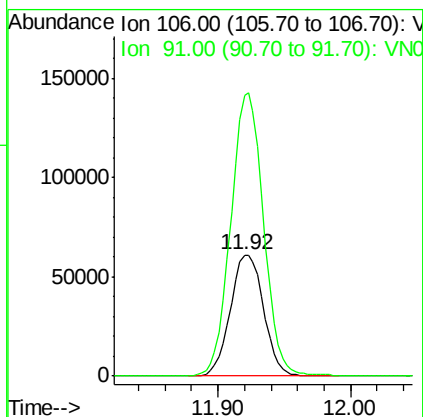
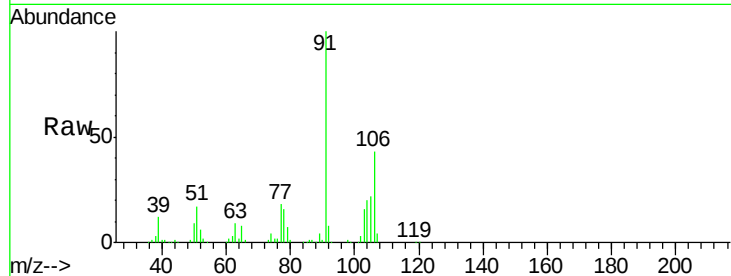




#69
o-Xylene
Concen: 16.702 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

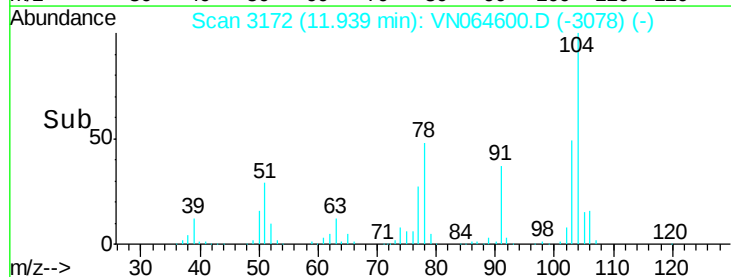
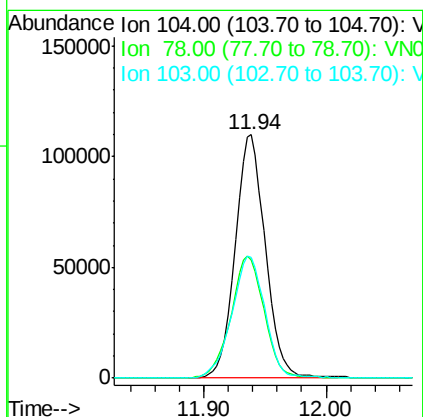
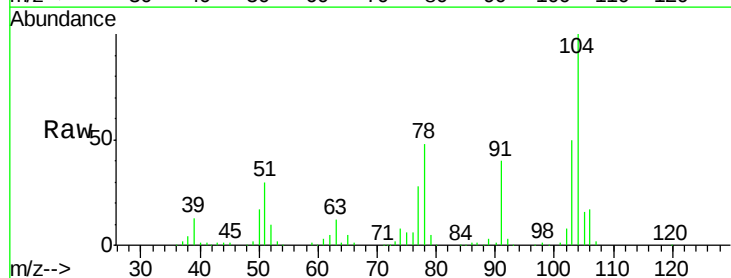
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS02

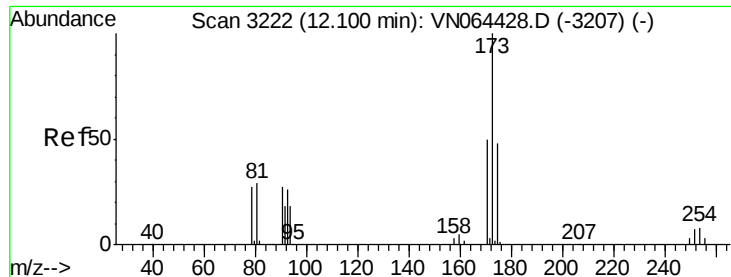
Tot Ion:106 Resp: 106552
Ion Ratio Lower Upper
106 100
91 228.9 111.7 334.9



#70
Styrene
Concen: 17.522 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion:104 Resp: 188107
Ion Ratio Lower Upper
104 100
78 55.3 44.0 66.0
103 54.8 43.8 65.6





#71

Bromoform

Concen: 18.771 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBS02

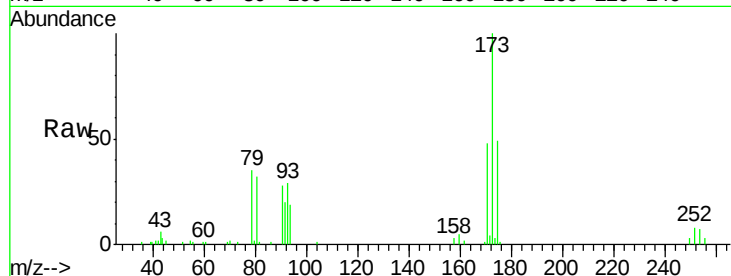
Tot Ion:173 Resp: 51471

Ion Ratio Lower Upper

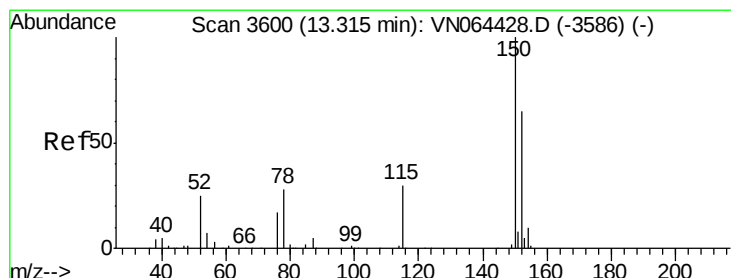
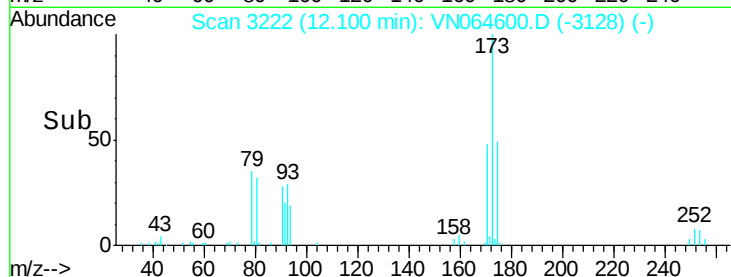
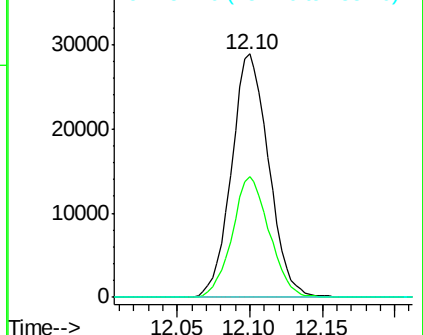
173 100

175 49.4 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# 3601

Delta R.T. 0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

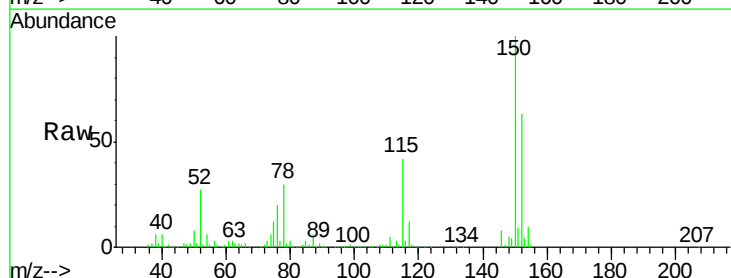
Tgt Ion:152 Resp: 213495

Ion Ratio Lower Upper

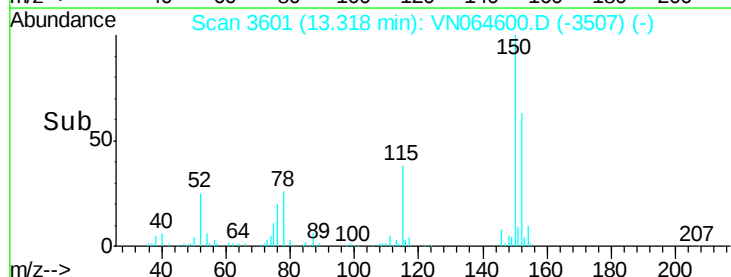
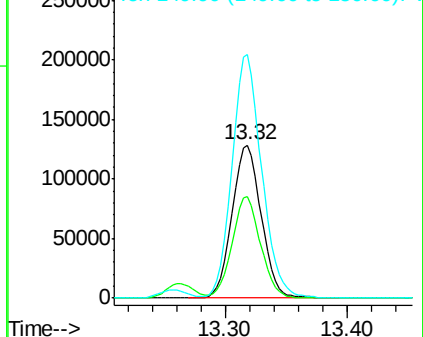
152 100

115 64.5 32.0 96.0

150 160.9 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: 16.740 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

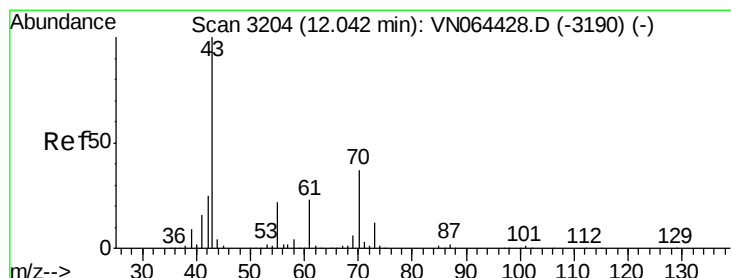
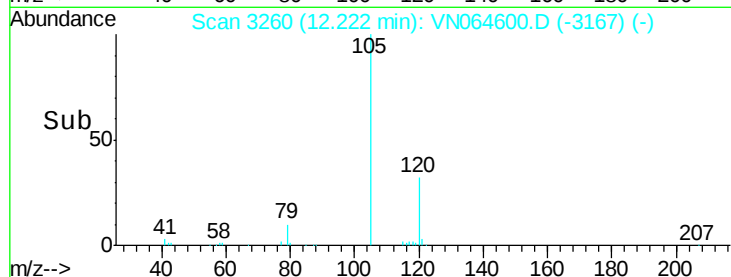
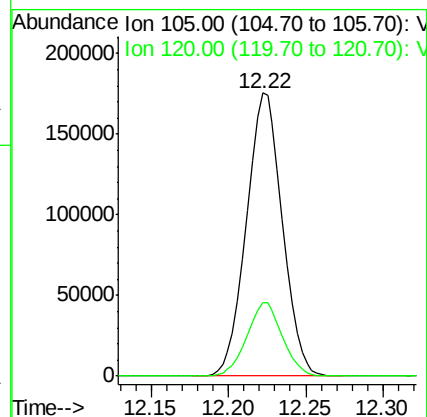
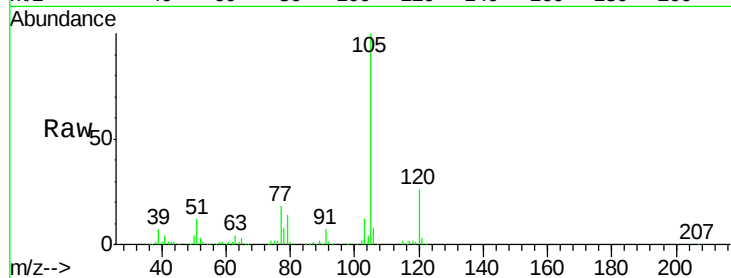
VN1112WBS02

Tot Ion:105 Resp: 284064

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.3



#74

N-ethyl acetate

Concen: 16.050 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Tgt Ion: 43 Resp: 125138

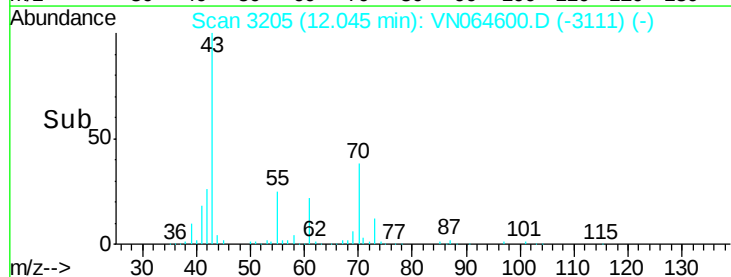
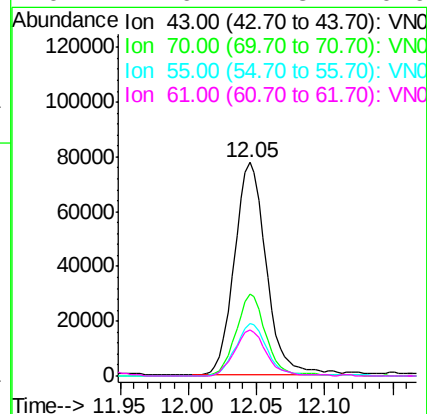
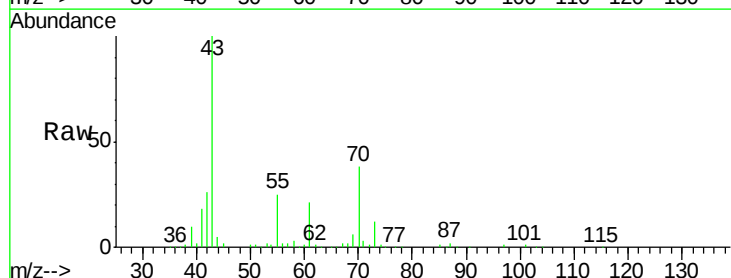
Ion Ratio Lower Upper

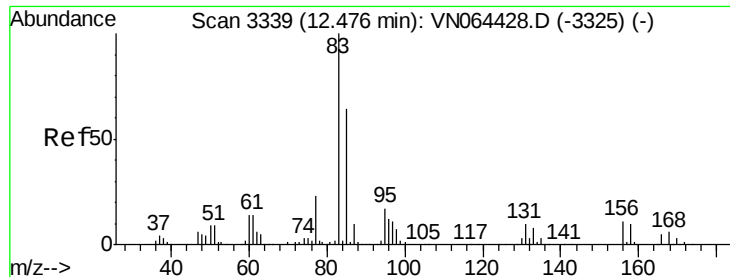
43 100

70 35.9 29.6 44.4

55 24.5 18.4 27.6

61 21.6 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.679 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBS02

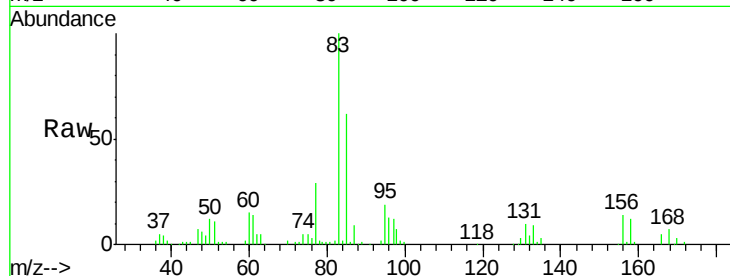
Tot Ion: 83 Resp: 102572

Ion Ratio Lower Upper

83 100

131 10.1 4.9 14.7

85 63.7 32.1 96.5

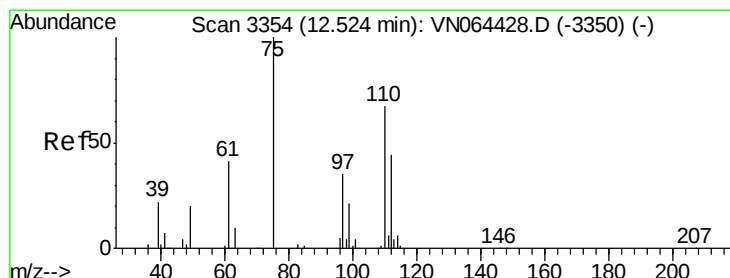
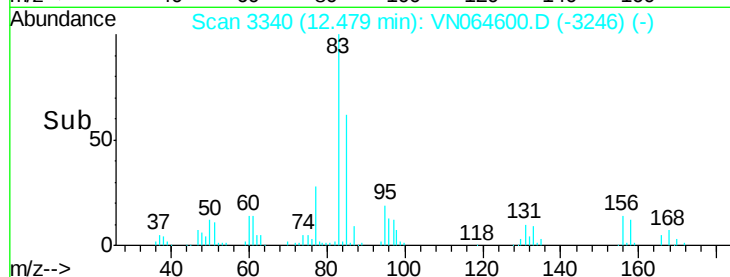


Abundance Ion 82.90 (82.60 to 83.60): VN064600.D (-3246) (-)

Ion 130.80 (130.50 to 131.50): VN064600.D (-3246) (-)

Ion 84.90 (84.60 to 85.60): VN064600.D (-3246) (-)

Time--> 12.40 12.45 12.50 12.55



#76

1,2,3-Trichloropropane

Concen: 26.738 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064600.D

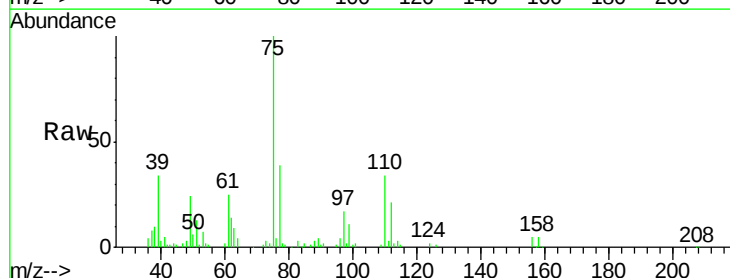
Acq: 13 Nov 2020 00:06

Tgt Ion: 75 Resp: 138309

Ion Ratio Lower Upper

75 100

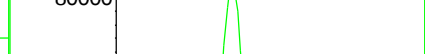
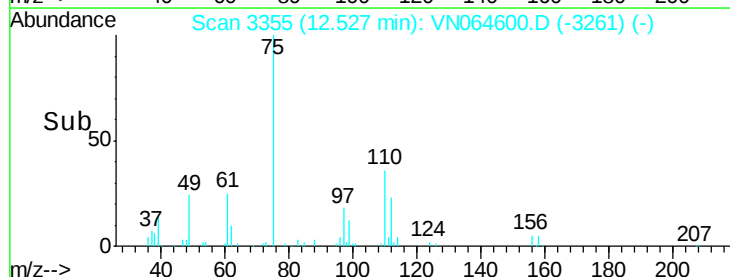
77 0.0 0.0 0.0

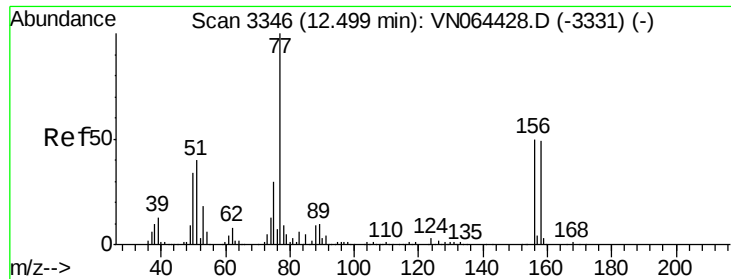


Abundance Ion 74.90 (74.60 to 75.60): VN064600.D (-3261) (-)

Ion 77.00 (76.70 to 77.70): VN064600.D (-3261) (-)

Time--> 12.40 12.50 12.60

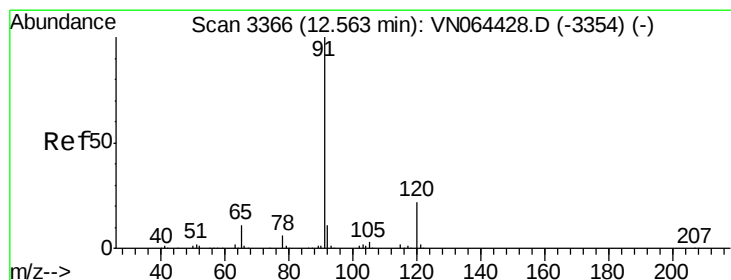
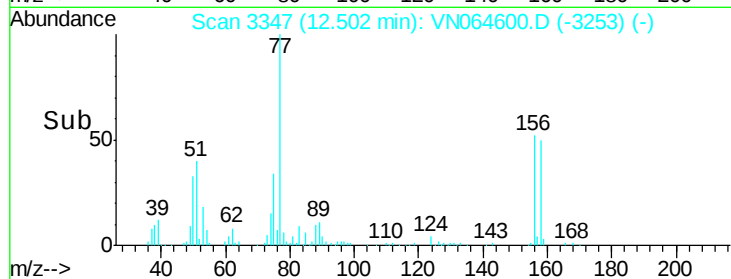
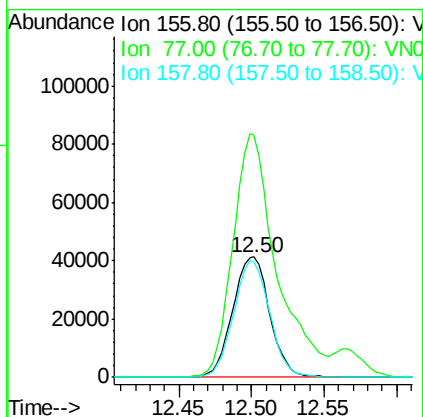
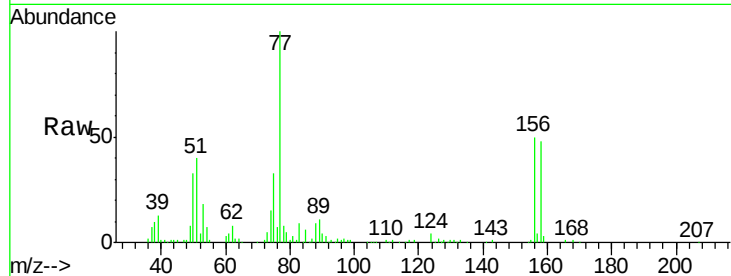




#77
Bromobenzene
Concen: 17.671 ug/l
RT: 12.50 min Scan# 3347
Delta R.T. 0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

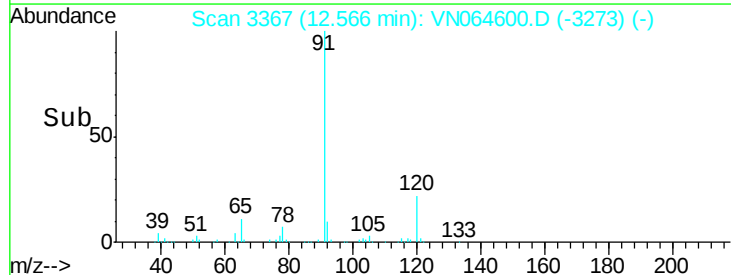
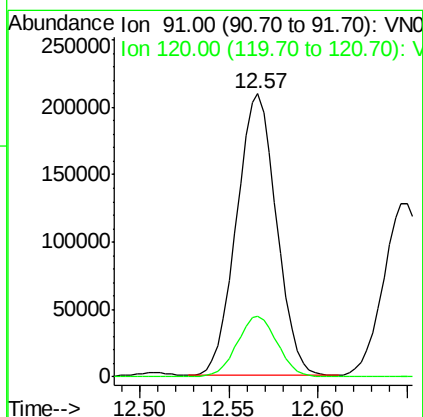
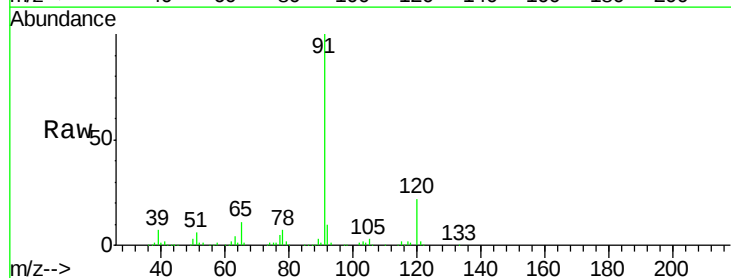
Instrument :
MSVOA_N
ClientSampled :
VN1112WBS02

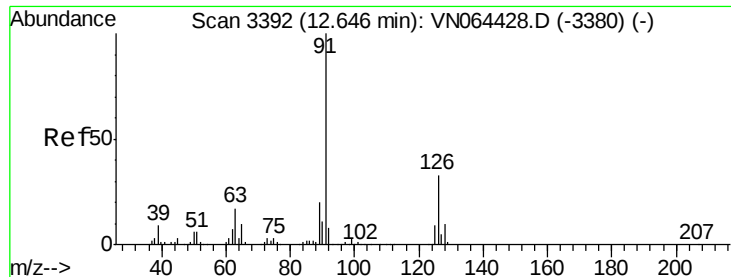
Tot Ion:156 Resp: 73208
Ion Ratio Lower Upper
156 100
77 240.1 119.0 357.0
158 94.8 48.4 145.3



#78
n-propylbenzene
Concen: 16.943 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion: 91 Resp: 327785
Ion Ratio Lower Upper
91 100
120 21.8 11.0 33.0

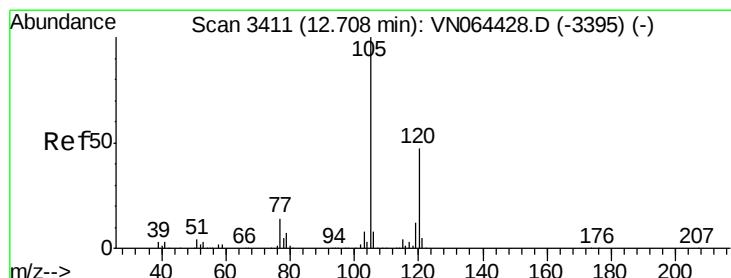
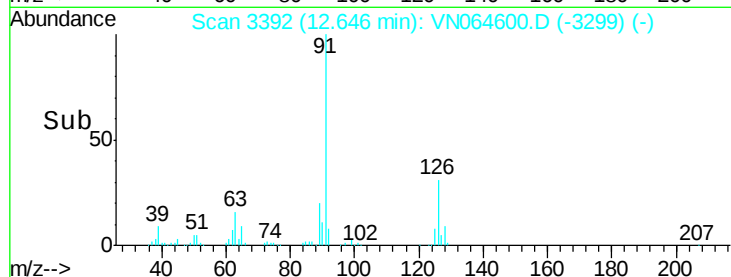
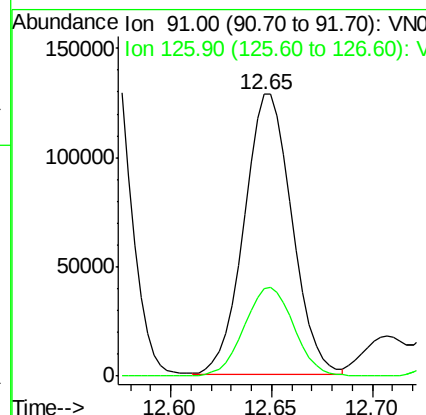
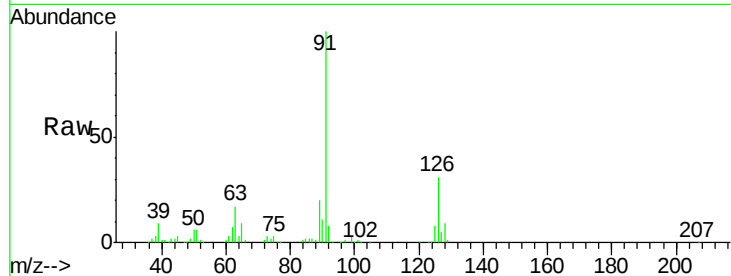




#79
 2-Chlorotoluene
 Concen: 17.406 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. -0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

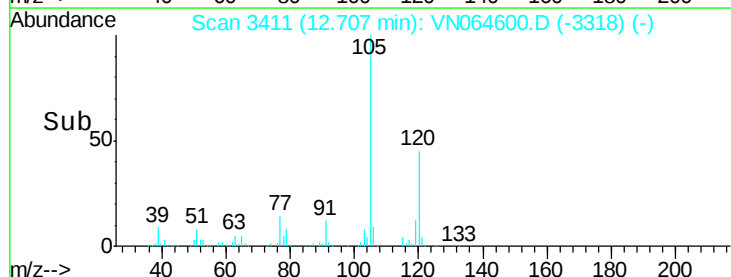
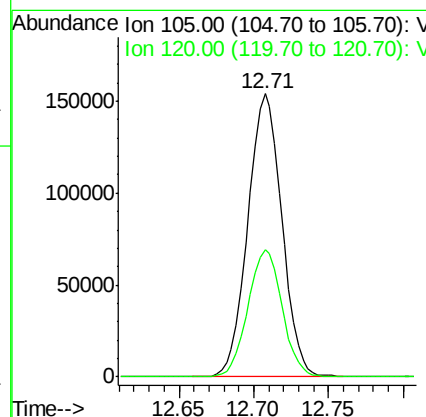
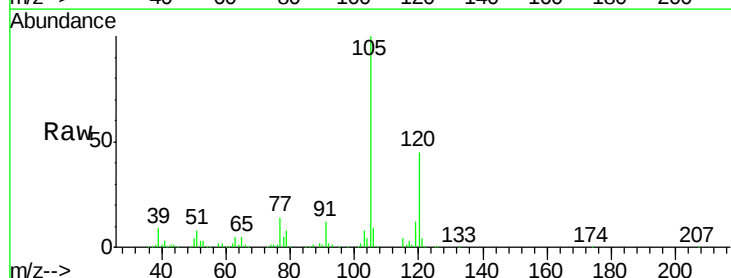
Instrument :
 MSVOA_N
 ClientSampled :
 VN1112WBS02

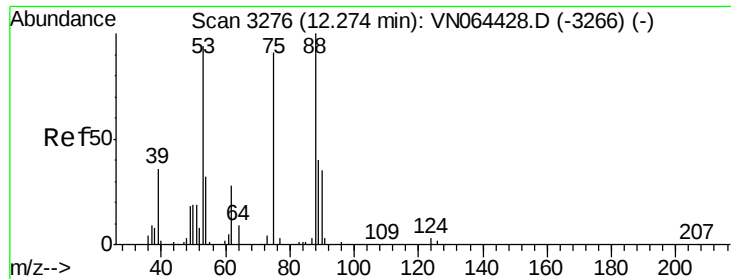
Tot Ion: 91 Resp: 213572
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 17.344 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Tgt Ion: 105 Resp: 242805
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 15.815 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBS02

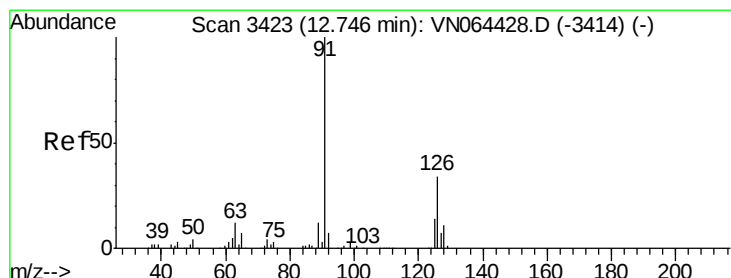
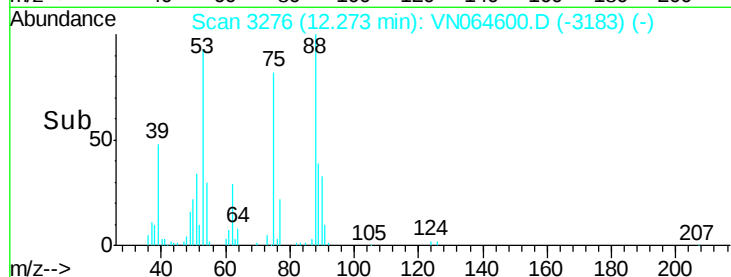
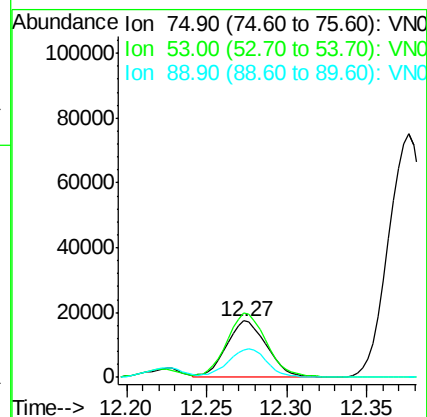
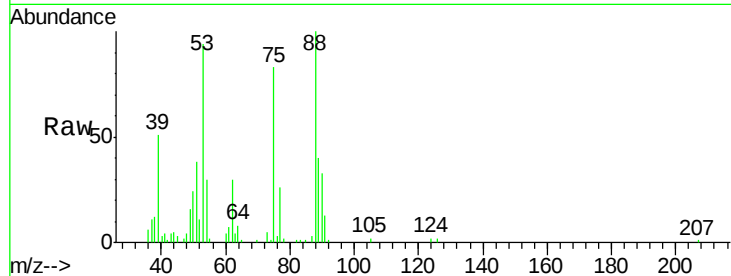
Tot Ion: 75 Resp: 29300

Ion Ratio Lower Upper

75 100

53 116.0 84.0 126.0

89 50.3 36.3 54.5



#82

4-Chlorotoluene

Concen: 16.998 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064600.D

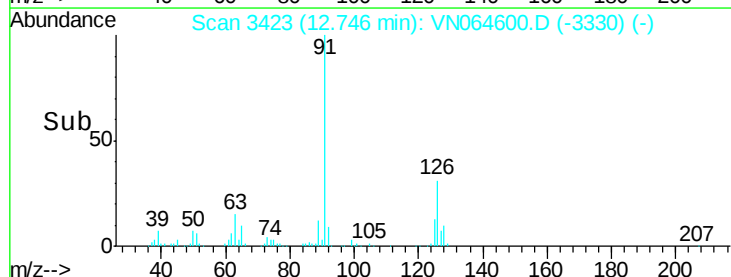
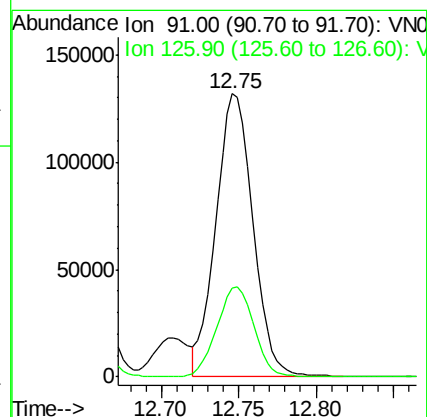
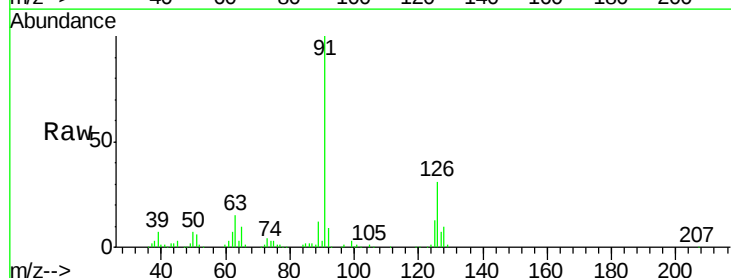
Acq: 13 Nov 2020 00:06

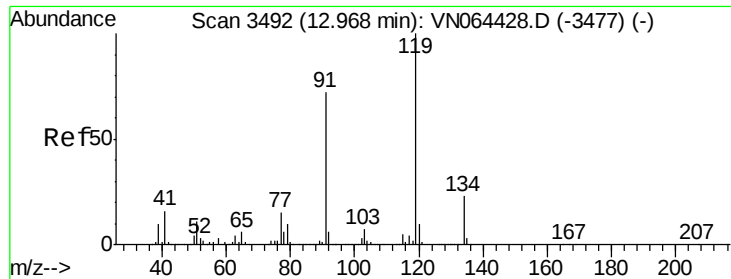
Tgt Ion: 91 Resp: 218424

Ion Ratio Lower Upper

91 100

126 32.3 15.4 46.2

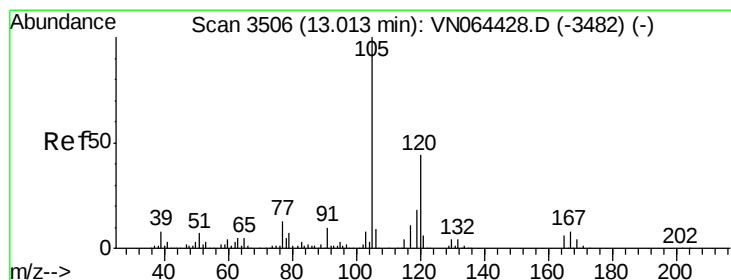
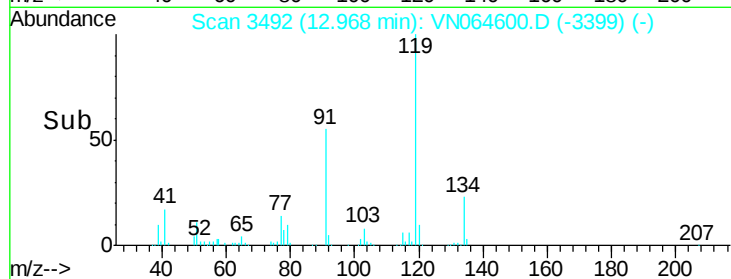
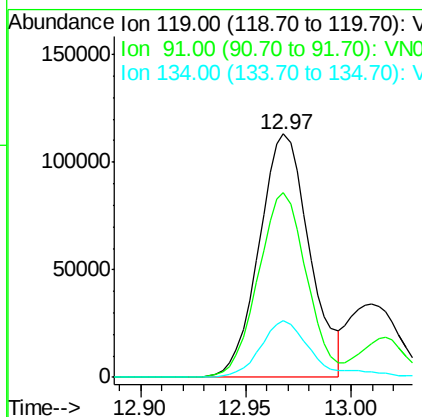
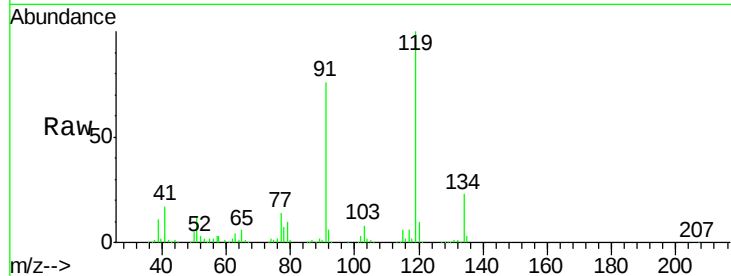




#83
tert-Butylbenzene
Concen: 17.229 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

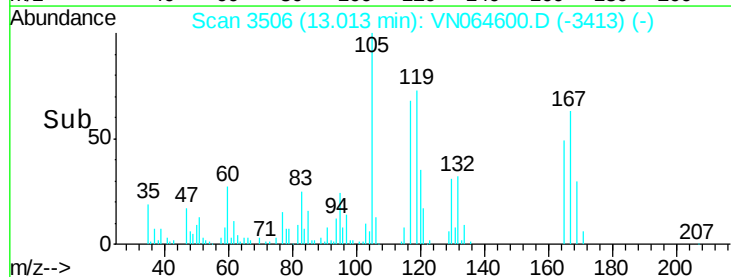
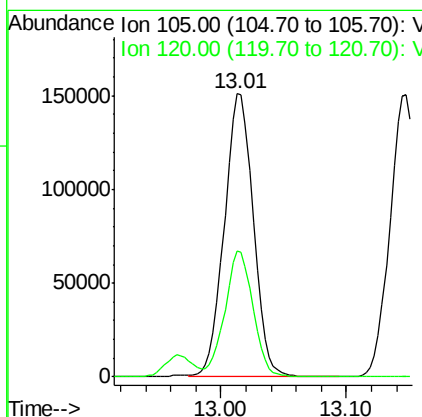
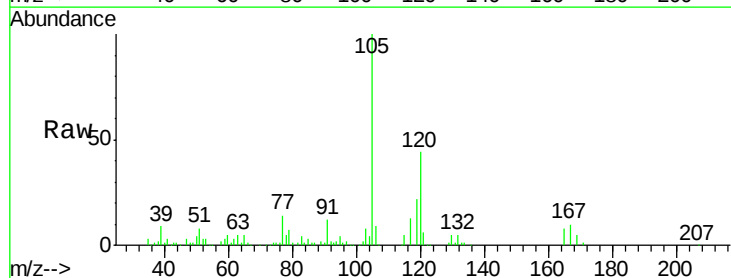
Instrument :
MSVOA_N
ClientSampled :
VN1112WBS02

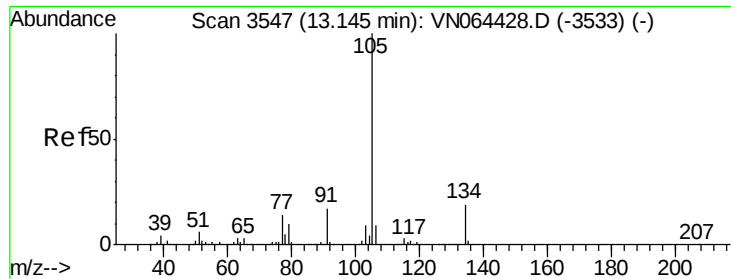
Tot Ion:119 Resp: 188373
Ion Ratio Lower Upper
119 100
91 73.6 36.1 108.3
134 24.0 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 17.152 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion:105 Resp: 241375
Ion Ratio Lower Upper
105 100
120 43.3 21.9 65.7





#85

sec-Butylbenzene

Concen: 17.351 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

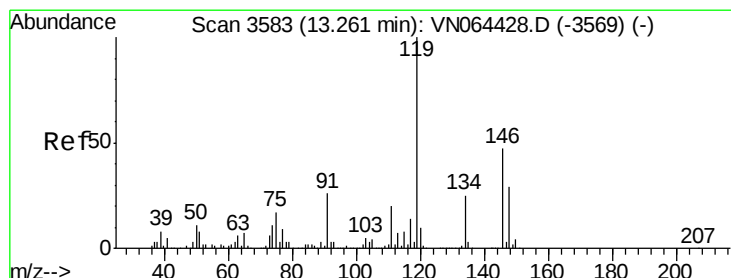
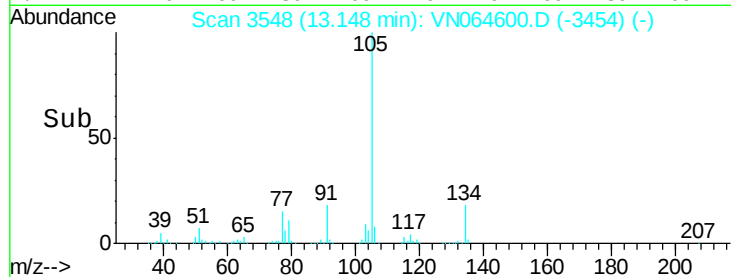
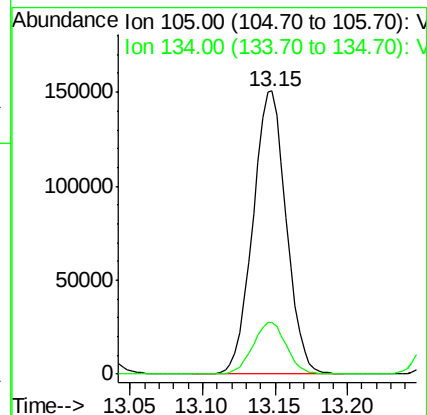
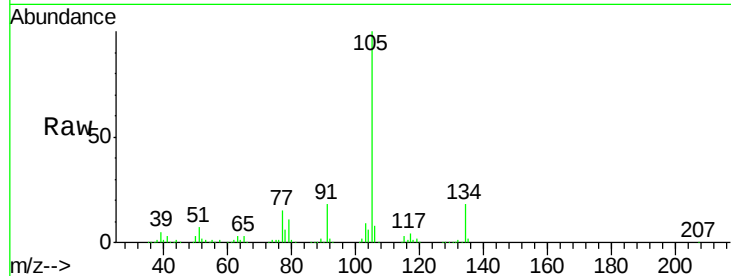
VN1112WBS02

Tot Ion:105 Resp: 240257

Ion Ratio Lower Upper

105 100

134 18.5 9.4 28.2



#86

p-Isopropyltoluene

Concen: 17.047 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

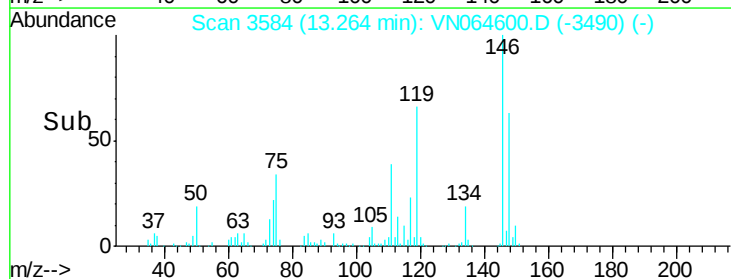
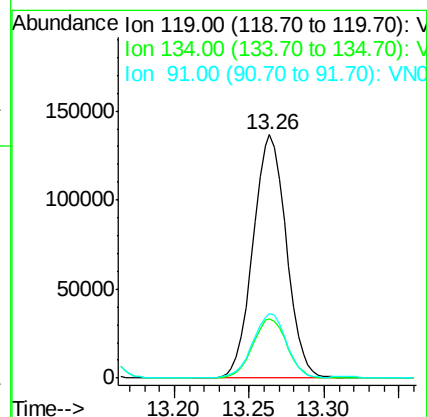
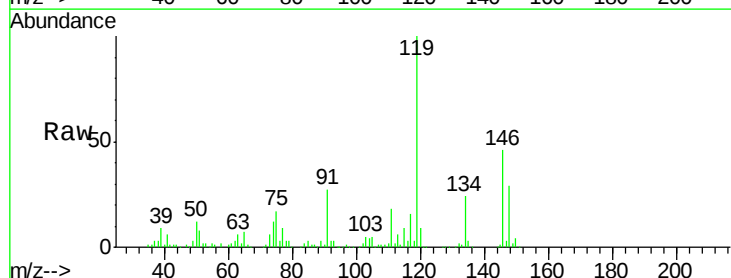
Tgt Ion:119 Resp: 212316

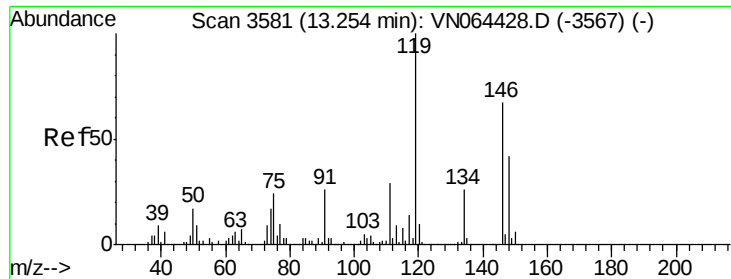
Ion Ratio Lower Upper

119 100

134 25.1 12.6 37.6

91 26.7 12.8 38.3

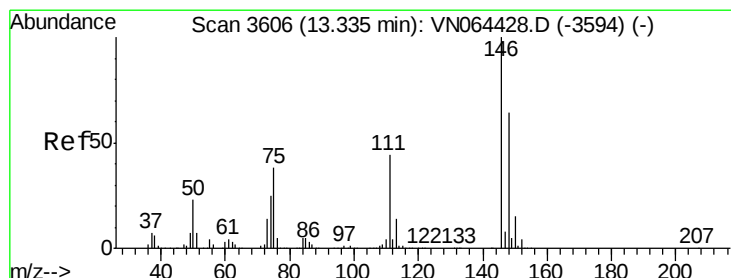
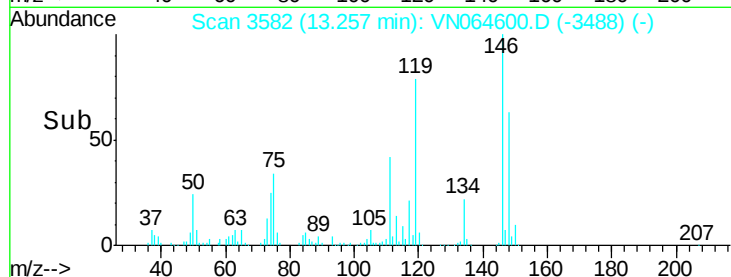
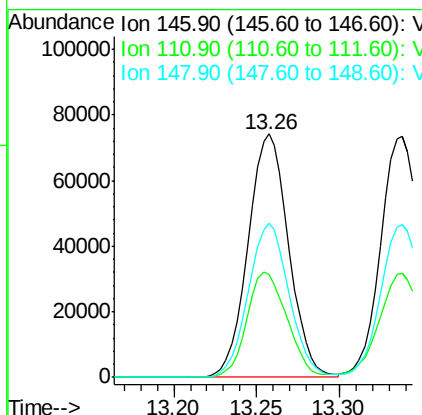
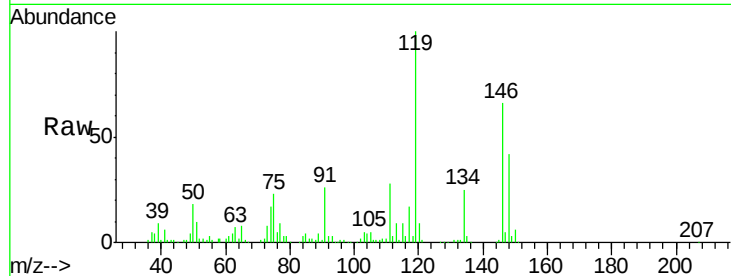




#87
 1,3-Dichlorobenzene
 Concen: 17.685 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

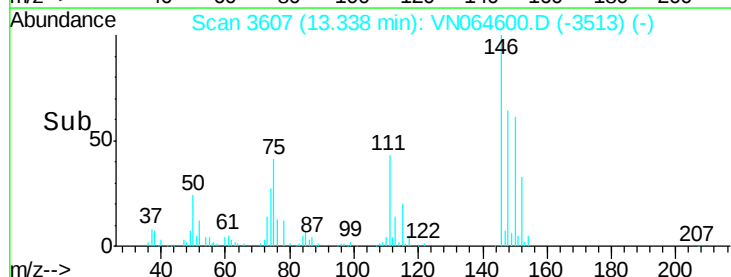
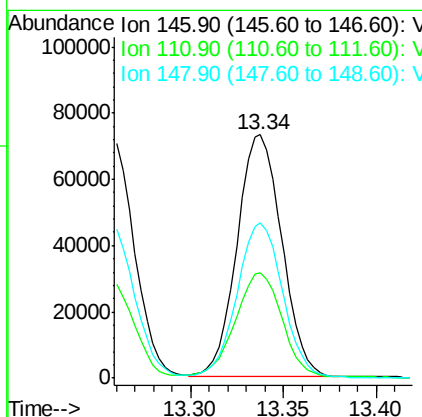
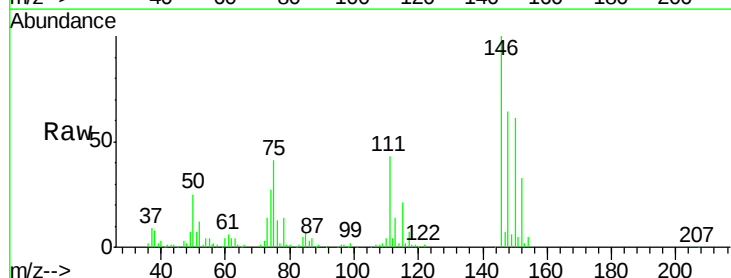
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBS02

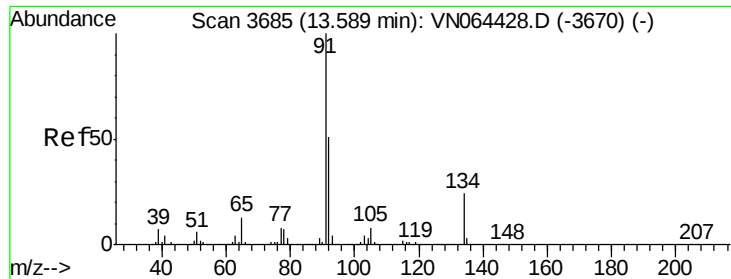
Tot Ion:146 Resp: 126651
 Ion Ratio Lower Upper
 146 100
 111 42.6 22.1 66.1
 148 63.7 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 16.643 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Tgt Ion:146 Resp: 123178
 Ion Ratio Lower Upper
 146 100
 111 45.0 21.8 65.3
 148 65.9 32.4 97.2

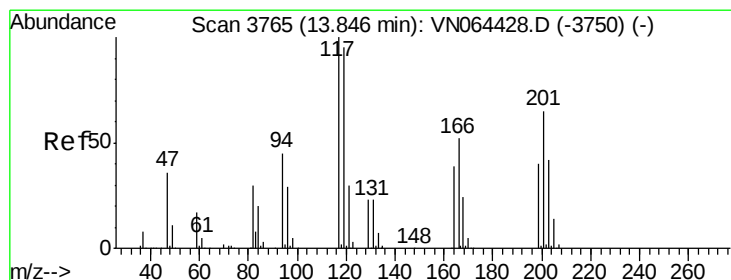
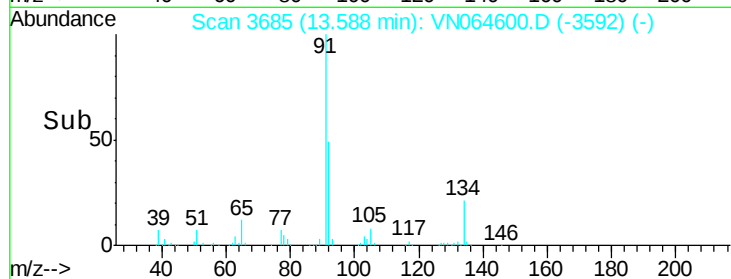
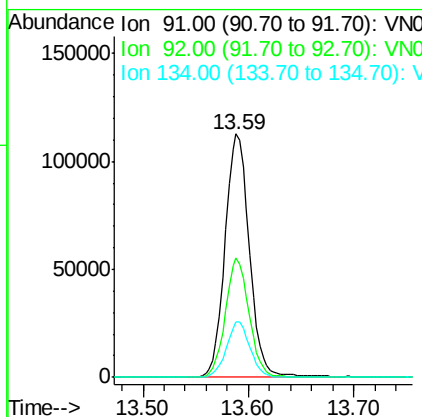
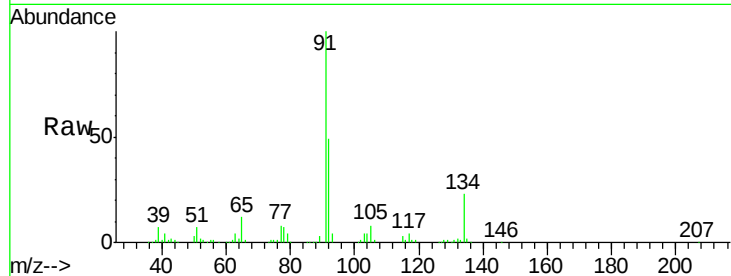




#89
n-Butylbenzene
Concen: 16.831 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

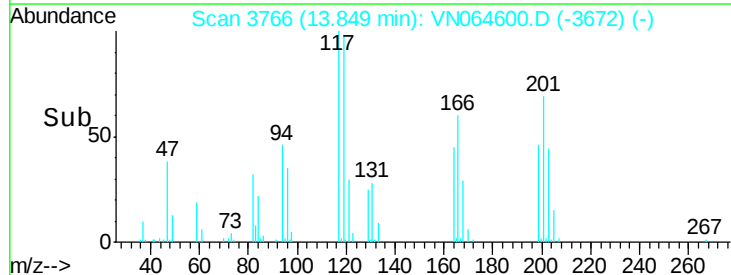
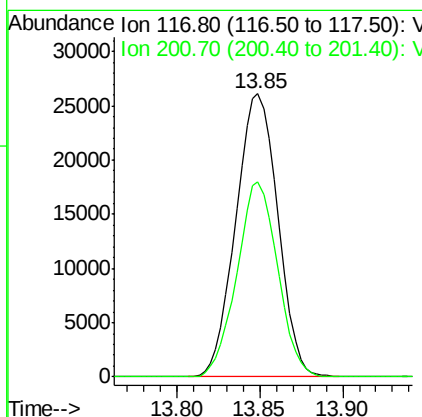
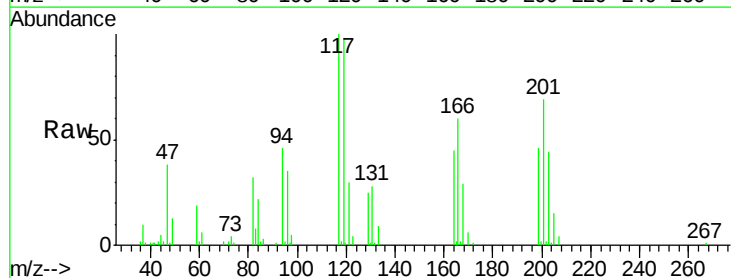
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBS02

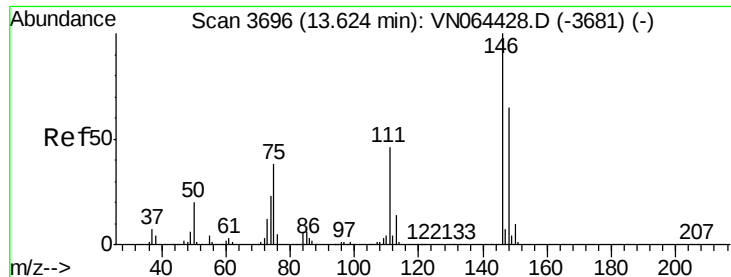
Tot Ion: 91 Resp: 180239
Ion Ratio Lower Upper
91 100
92 47.4 25.3 75.9
134 22.1 11.8 35.4



#90
Hexachloroethane
Concen: 19.182 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064600.D
Acq: 13 Nov 2020 00:06

Tgt Ion: 117 Resp: 46087
Ion Ratio Lower Upper
117 100
201 66.6 32.5 97.5

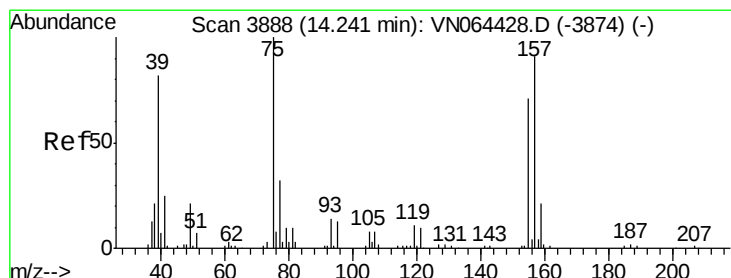
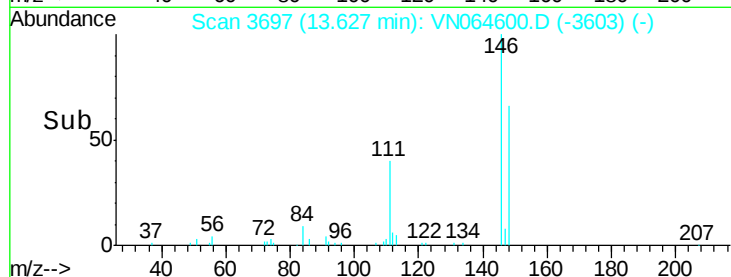
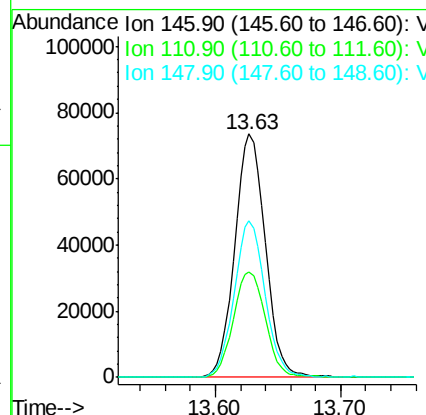
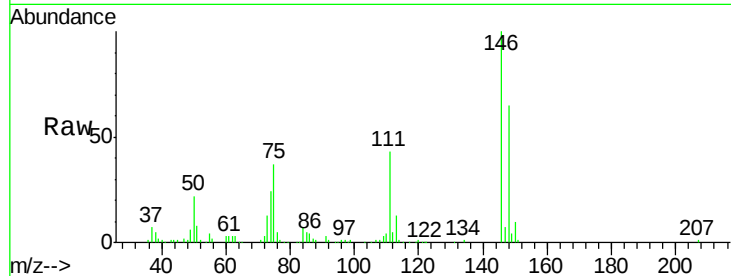




#91
 1,2-Dichlorobenzene
 Concen: 18.141 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

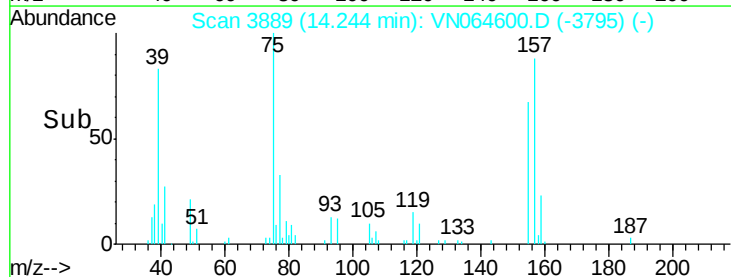
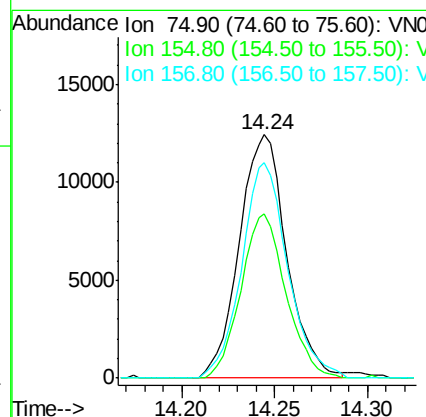
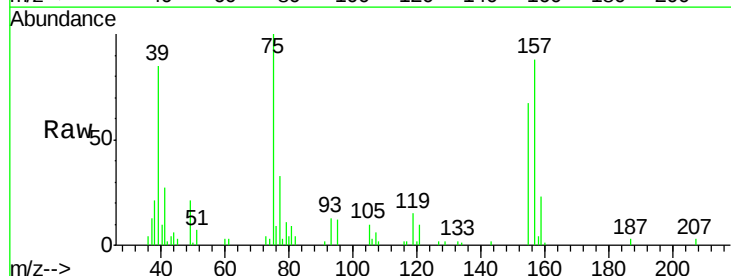
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBS02

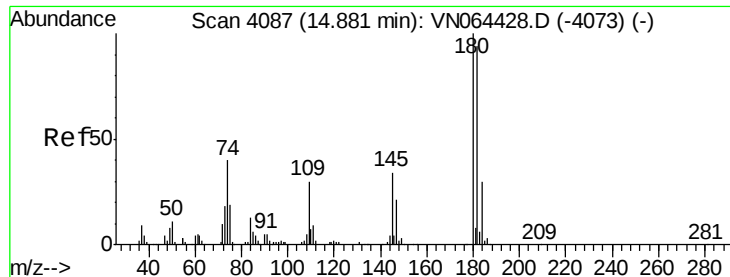
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.3	22.9	68.7
148	64.4	32.0	96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.283 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	63.8	34.6	103.9
157	85.8	43.0	128.8

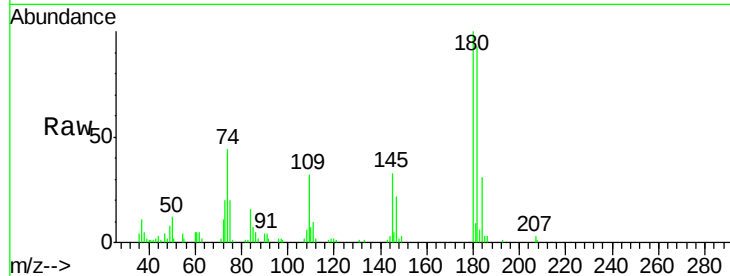




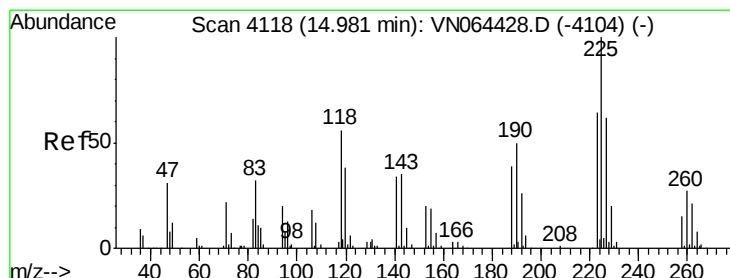
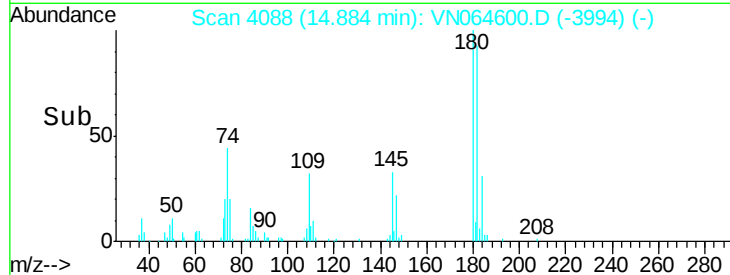
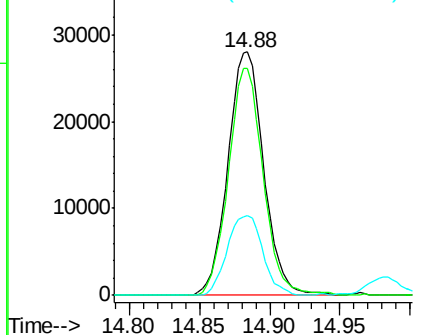
#93
 1,2,4-Trichlorobenzene
 Concen: 16.375 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBS02

Tot Ion:180 Resp: 49616
 Ion Ratio Lower Upper
 180 100
 182 90.8 47.3 142.0
 145 32.5 16.7 50.1

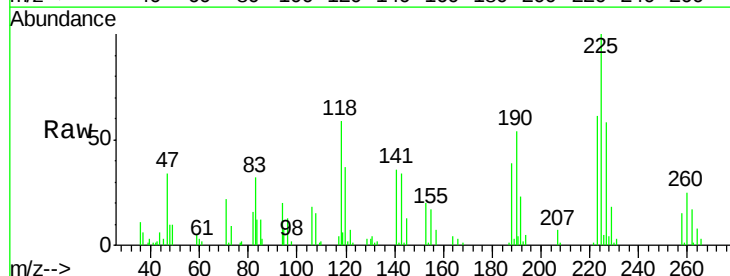


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

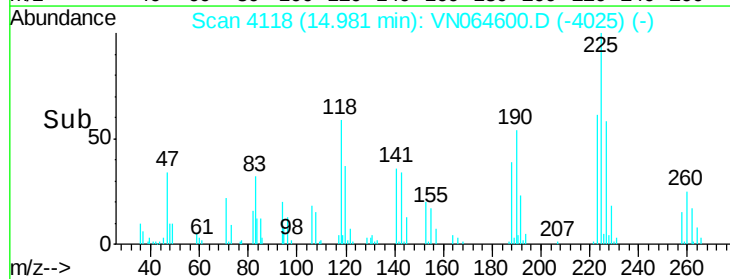
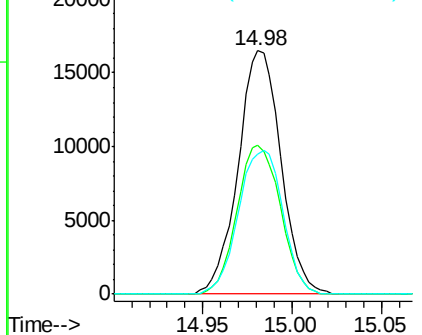


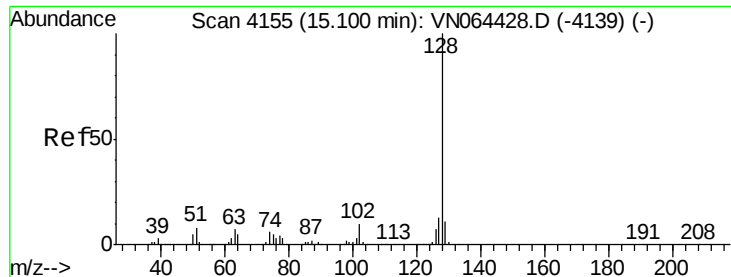
#94
 Hexachlorobutadiene
 Concen: 19.715 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064600.D
 Acq: 13 Nov 2020 00:06

Tgt Ion:225 Resp: 27651
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.8 95.4
 227 61.1 31.8 95.4



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





#95

Naphthalene

Concen: 15.949 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBS02

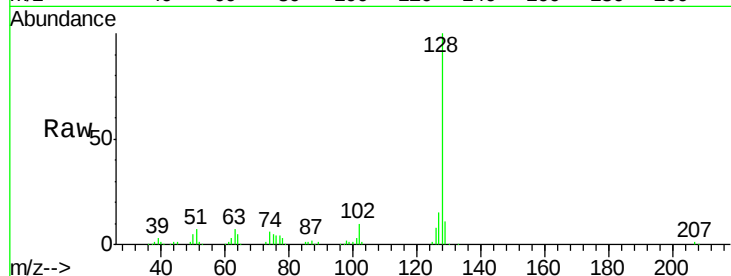
Tot Ion:128 Resp: 155608

Ion Ratio Lower Upper

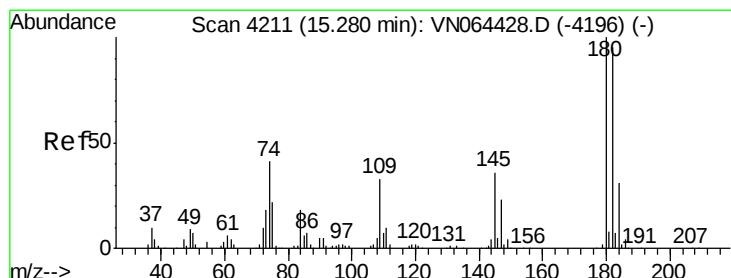
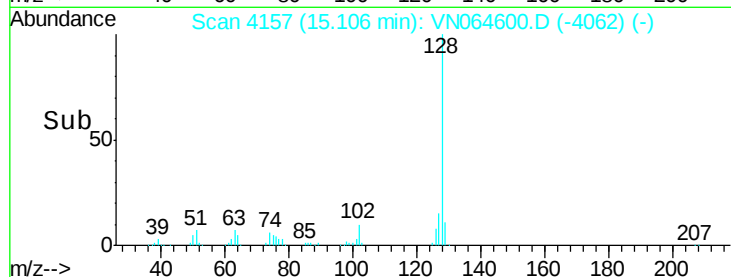
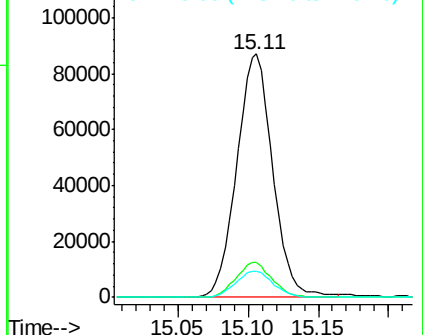
128 100

127 14.4 10.5 15.7

129 11.1 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: 17.690 ug/l

RT: 15.29 min Scan# 4213

Delta R.T. 0.01 min

Lab File: VN064600.D

Acq: 13 Nov 2020 00:06

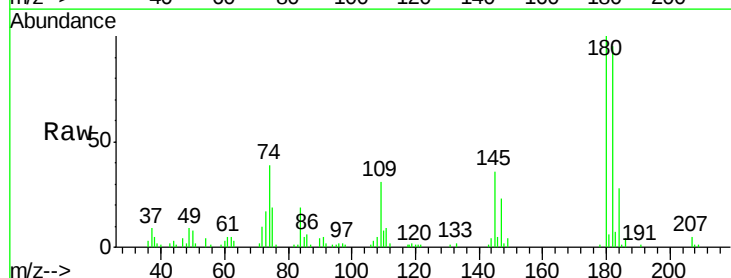
Tgt Ion:180 Resp: 52339

Ion Ratio Lower Upper

180 100

182 91.5 47.7 143.1

145 36.1 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

