

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112420\
 Data File : VN064841.D
 Acq On : 25 Nov 2020 4:18
 Operator : JC/MD
 Sample : L4798-09MS 100X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 56BR-20201118MS

Quant Time: Nov 25 06:01:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	188060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	298160	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	277655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	136137	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	107563	49.20	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.40%
35) Dibromofluoromethane	7.55	113	92903	52.07	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.14%
50) Toluene-d8	10.06	98	361426	49.58	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.16%
62) 4-Bromofluorobenzene	12.37	95	127912	49.03	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.06%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	75871	46.550	ug/l 98
3) Chloromethane	2.04	50	94344	44.544	ug/l 100
4) Vinyl Chloride	2.17	62	106628	48.287	ug/l 99
5) Bromomethane	2.53	94	60457	41.730	ug/l 99
6) Chloroethane	2.67	64	66517	48.703	ug/l 98
7) Trichlorofluoromethane	2.99	101	145516	47.672	ug/l 97
8) Diethyl Ether	3.37	74	57710	47.898	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	85016	46.429	ug/l 98
10) Methyl Iodide	3.91	142	94061	39.603	ug/l 98
11) Tert butyl alcohol	4.74	59	71861	210.759	ug/l 99
12) 1,1-Dichloroethene	3.69	96	87995	48.253	ug/l 98
13) Acrolein	3.57	56	39649	190.377	ug/l 96
14) Allyl chloride	4.27	41	137104	45.583	ug/l 100
15) Acrylonitrile	4.93	53	227311	241.328	ug/l 99
16) Acetone	3.78	43	173966	242.055	ug/l 99
17) Carbon Disulfide	4.01	76	224654	47.712	ug/l 99
18) Methyl Acetate	4.28	43	100471	46.496	ug/l 98
19) Methyl tert-butyl Ether	5.00	73	285153	48.754	ug/l 98
20) Methylene Chloride	4.50	84	104326	46.324	ug/l 99
21) trans-1,2-Dichloroethene	4.99	96	95511	47.163	ug/l 98
22) Diisopropyl ether	5.90	45	301633	50.103	ug/l 98
23) Vinyl Acetate	5.85	43	1211137	251.572	ug/l 99
24) 1,1-Dichloroethane	5.79	63	177436	49.316	ug/l 98
25) 2-Butanone	6.79	43	276977	237.737	ug/l 97
26) 2,2-Dichloropropane	6.78	77	121802	39.033	ug/l 95
27) cis-1,2-Dichloroethene	6.78	96	148257	65.060	ug/l 95
28) Bromochloromethane	7.15	49	79532	48.320	ug/l 97
29) Tetrahydrofuran	7.17	42	188047	233.822	ug/l 99
30) Chloroform	7.33	83	182837	49.278	ug/l 96
31) Cyclohexane	7.61	56	141817	46.540	ug/l 98
32) 1,1,1-Trichloroethane	7.53	97	155478	48.790	ug/l 99
36) 1,1-Dichloropropene	7.75	75	131473	47.572	ug/l 99
37) Ethyl Acetate	6.89	43	120150	45.133	ug/l 100
38) Carbon Tetrachloride	7.73	117	141120	49.076	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	144517	48.576	ug/l	97
40) Benzene	8.00	78	406558	48.007	ug/l	99
41) Methacrylonitrile	7.13	41	59332	48.302	ug/l	89
42) 1,2-Dichloroethane	8.08	62	133634	46.776	ug/l	100
43) Isopropyl Acetate	8.13	43	192445	44.925	ug/l	99
44) Trichloroethene	8.80	130	345430	138.242	ug/l	100
45) 1,2-Dichloropropane	9.08	63	109973	50.144	ug/l	99
46) Dibromomethane	9.17	93	72457	49.453	ug/l	97
47) Bromodichloromethane	9.37	83	143150	48.557	ug/l	100
48) Methyl methacrylate	9.16	41	94989	46.406	ug/l	97
49) 1,4-Dioxane	9.17	88	34649	895.626	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	605476	235.438	ug/l	100
52) Toluene	10.12	92	260152	49.881	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	151307	46.080	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	166944	47.433	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	104025	48.505	ug/l	96
56) Ethyl methacrylate	10.40	69	144674	48.884	ug/l	99
57) 1,3-Dichloropropane	10.68	76	171162	48.382	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	404019	248.178	ug/l	100
59) 2-Hexanone	10.72	43	441386	238.482	ug/l	98
60) Dibromochloromethane	10.87	129	118685	49.785	ug/l	98
61) 1,2-Dibromoethane	10.98	107	107420	49.300	ug/l	99
64) Tetrachloroethene	10.60	164	115905	42.907	ug/l	99
65) Chlorobenzene	11.40	112	284141	47.654	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	107506	49.061	ug/l	99
67) Ethyl Benzene	11.48	91	489700	49.162	ug/l	100
68) m/p-Xylenes	11.59	106	379152	100.537	ug/l	99
69) o-Xylene	11.92	106	182808	51.082	ug/l	97
70) Styrene	11.94	104	308950	51.138	ug/l	99
71) Bromoform	12.10	173	81359	46.486	ug/l #	100
73) Isopropylbenzene	12.22	105	479767	50.666	ug/l	99
74) N-amyl acetate	12.04	43	170021	45.625	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	134584	48.490	ug/l	98
76) 1,2,3-Trichloropropane	12.52	75	182423	62.222	ug/l #	100
77) Bromobenzene	12.50	156	122101	47.828	ug/l	98
78) n-propylbenzene	12.56	91	538267	49.898	ug/l	98
79) 2-Chlorotoluene	12.65	91	321308	48.185	ug/l	100
80) 1,3,5-Trimethylbenzene	12.70	105	409428	52.019	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	44903	41.977	ug/l	96
82) 4-Chlorotoluene	12.75	91	331246	47.392	ug/l	98
83) tert-Butylbenzene	12.96	119	339555	51.469	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	414076	52.033	ug/l	99
85) sec-Butylbenzene	13.14	105	445462	50.855	ug/l	100
86) p-Isopropyltoluene	13.26	119	412881	51.773	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	216778	47.794	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	215500	44.927	ug/l	99
89) n-Butylbenzene	13.59	91	333407	47.606	ug/l	99
90) Hexachloroethane	13.85	117	69590	50.231	ug/l	97
91) 1,2-Dichlorobenzene	13.62	146	213418	47.921	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	26645	42.666	ug/l	97

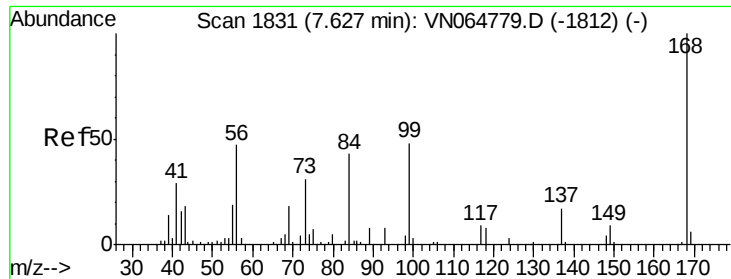
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	119101	43.231	ug/l	99
94) Hexachlorobutadiene	14.98	225	56434	45.523	ug/l	99
95) Naphthalene	15.10	128	364611	44.176	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	117583	45.053	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

Instrument :

MSVOA_N

ClientSampleId :

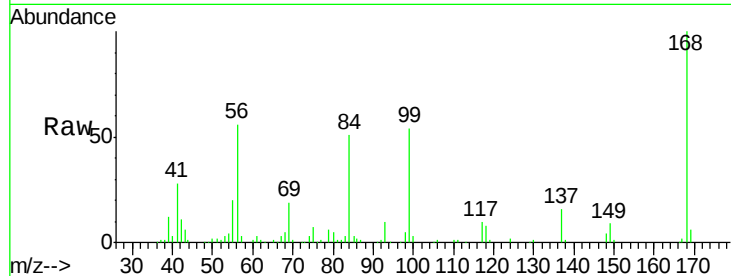
56BR-20201118MS

Tot Ion:168 Resp: 188060

Ion Ratio Lower Upper

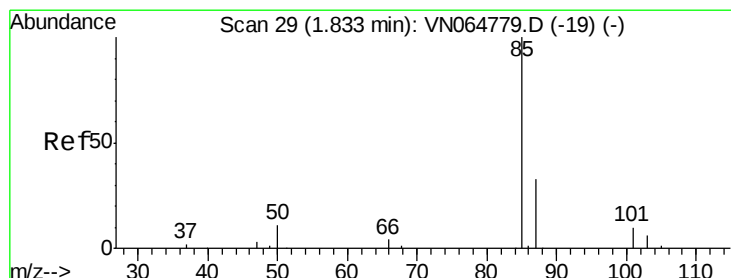
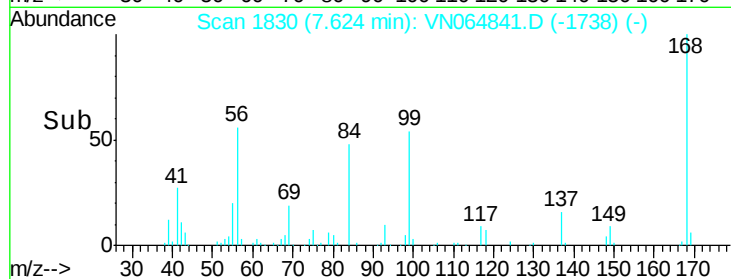
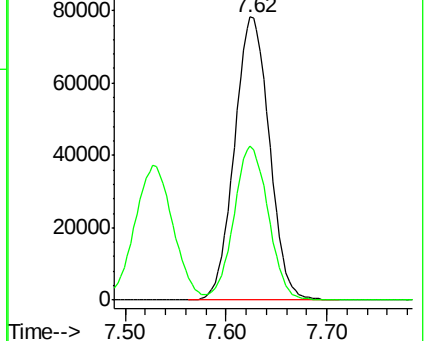
168 100

99 54.1 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 46.550 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064841.D

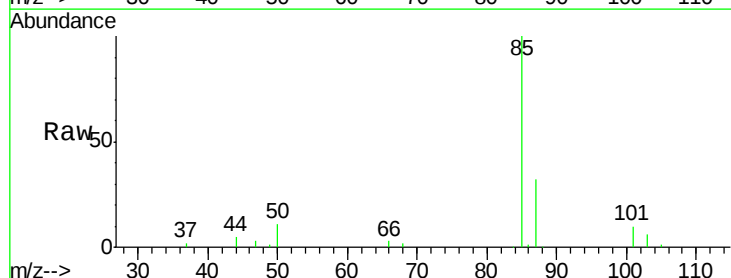
Acq: 25 Nov 2020 4:18

Tgt Ion: 85 Resp: 75871

Ion Ratio Lower Upper

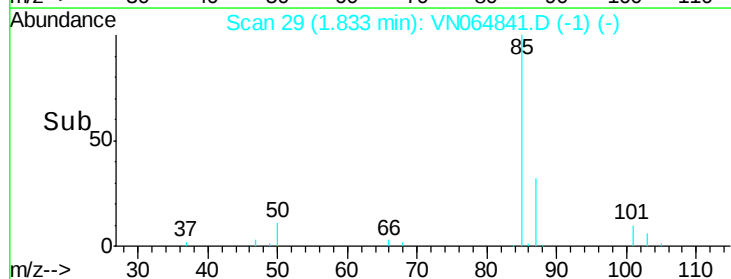
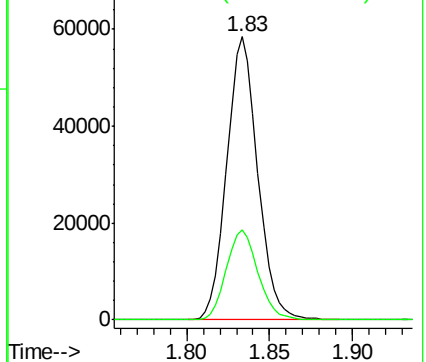
85 100

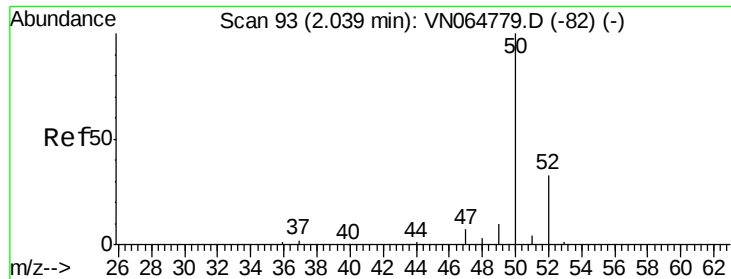
87 31.6 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

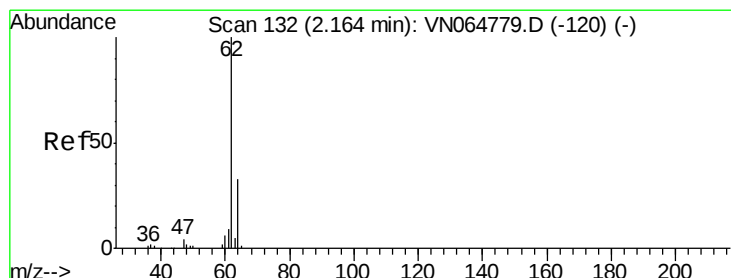
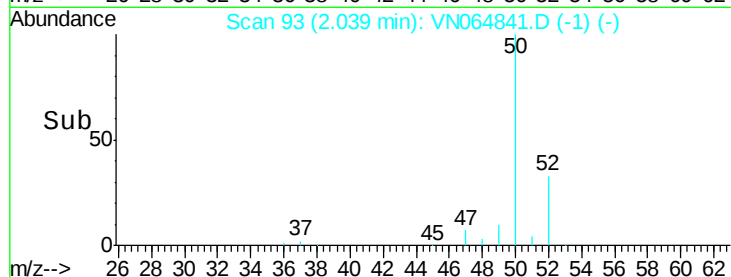
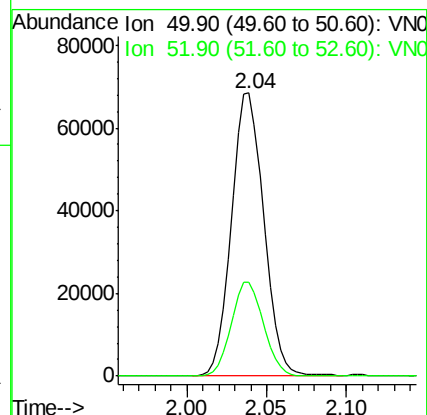
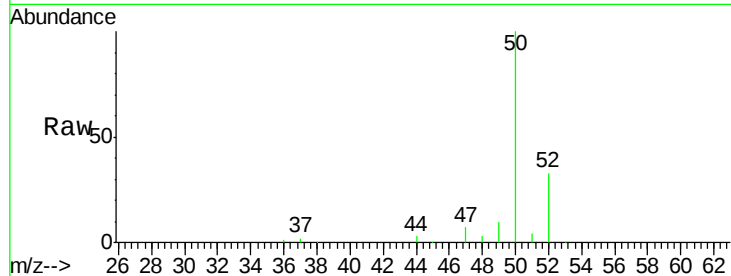




#3
Chloromethane
Concen: 44.544 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.00 min
Lab File: VN064841.D
Acq: 25 Nov 2020 4:18

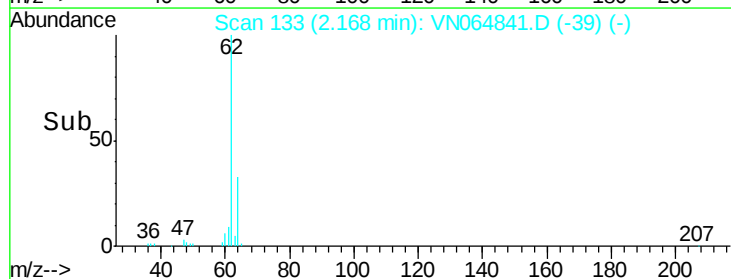
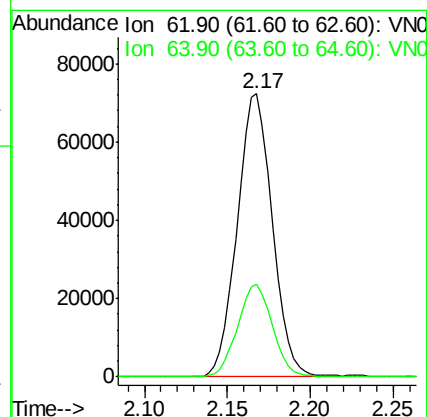
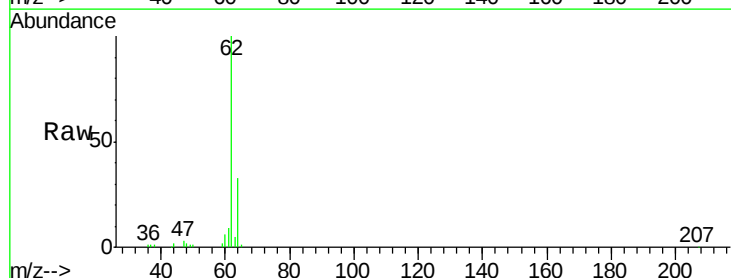
Instrument :
MSVOA_N
ClientSampleId :
56BR-20201118MS

Tot Ion: 50 Resp: 94344
Ion Ratio Lower Upper
50 100
52 33.4 26.6 39.8



#4
Vinyl Chloride
Concen: 48.287 ug/l
RT: 2.17 min Scan# 133
Delta R.T. 0.00 min
Lab File: VN064841.D
Acq: 25 Nov 2020 4:18

Tgt Ion: 62 Resp: 106628
Ion Ratio Lower Upper
62 100
64 32.8 26.5 39.7





#5

Bromomethane

Concen: 41.730 ug/l

RT: 2.53 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

Instrument :

MSVOA_N

ClientSampleId :

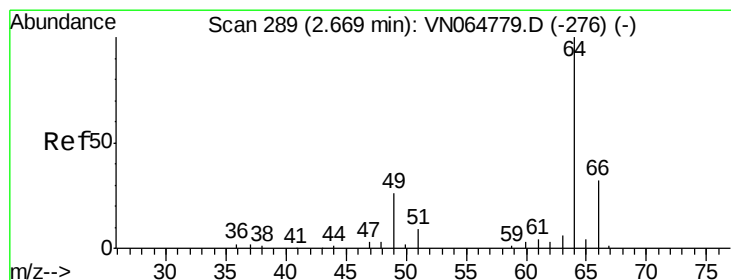
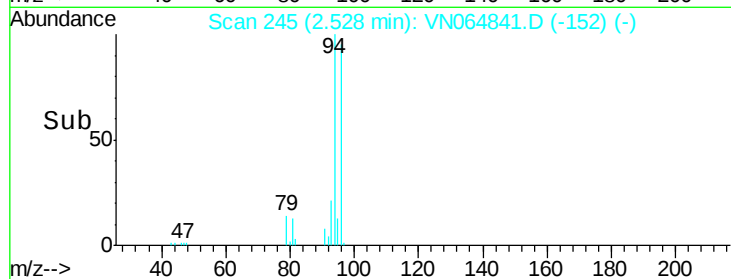
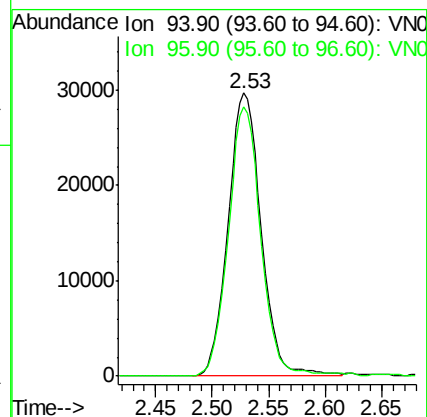
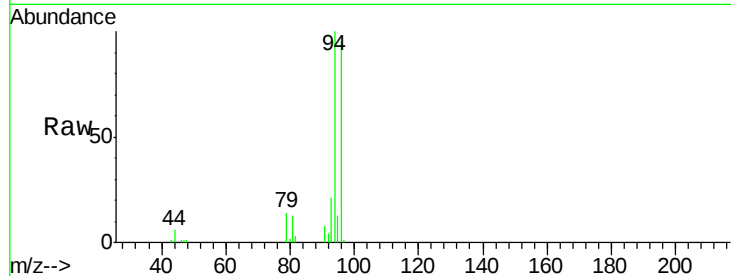
56BR-20201118MS

Tot Ion: 94 Resp: 60457

Ion Ratio Lower Upper

94 100

96 95.1 75.4 113.0



#6

Chloroethane

Concen: 48.703 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064841.D

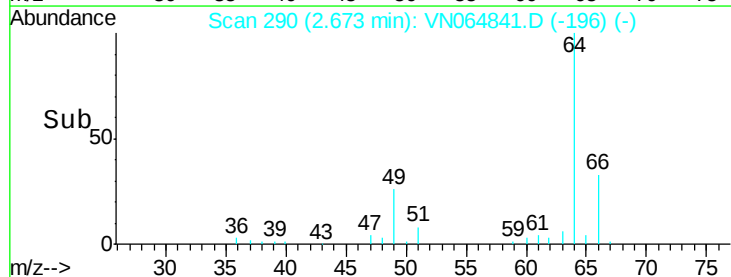
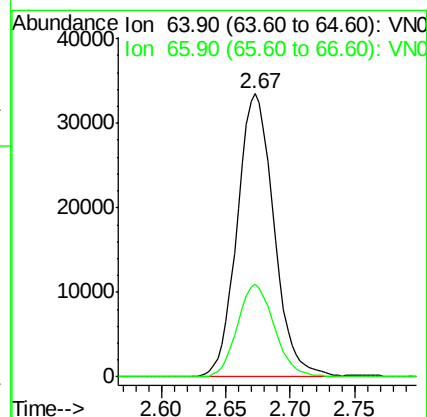
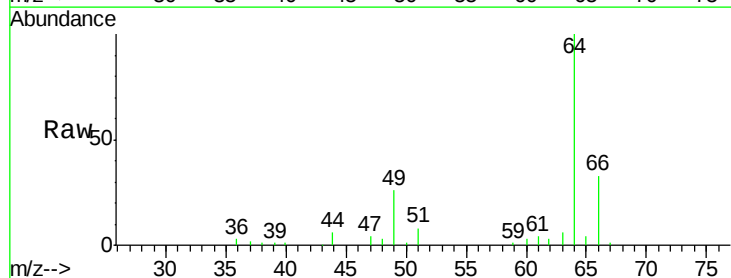
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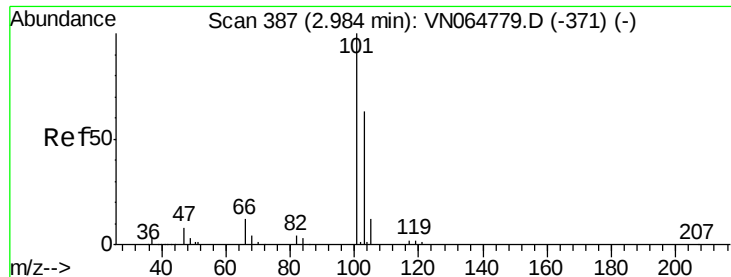
Tgt Ion: 64 Resp: 66517

Ion Ratio Lower Upper

64 100

66 32.9 25.6 38.4



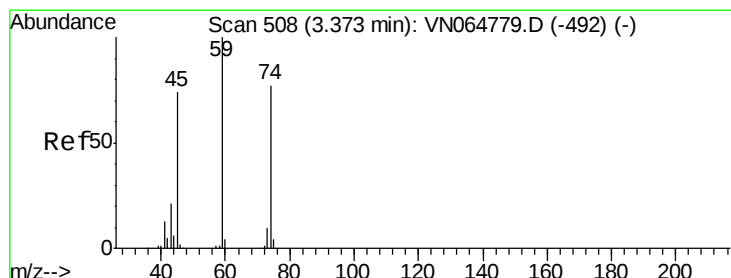
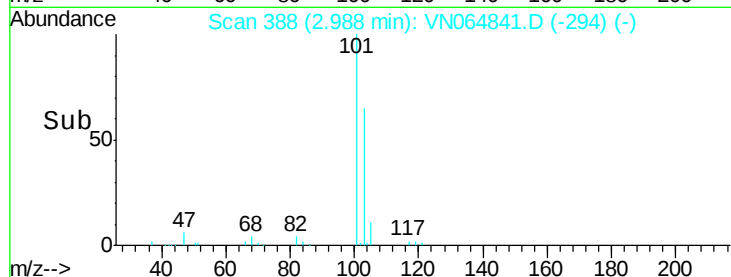
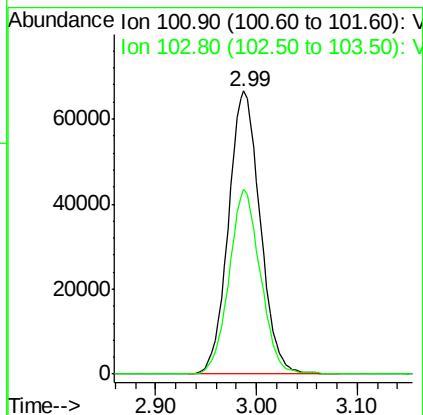
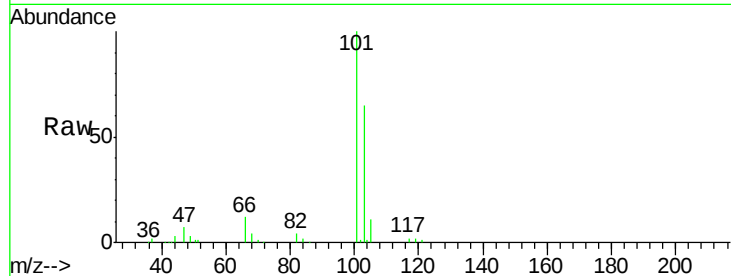


#7

Trichlorofluoromethane
Concen: 47.672 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064841.D
Acq: 25 Nov 2020 4:18

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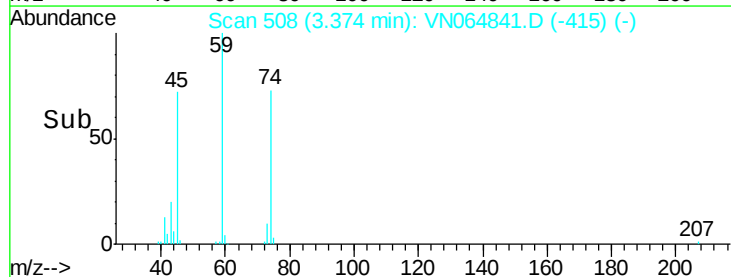
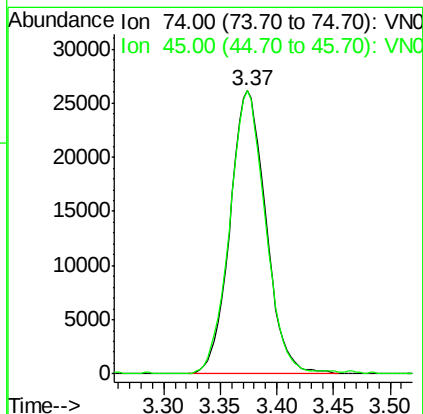
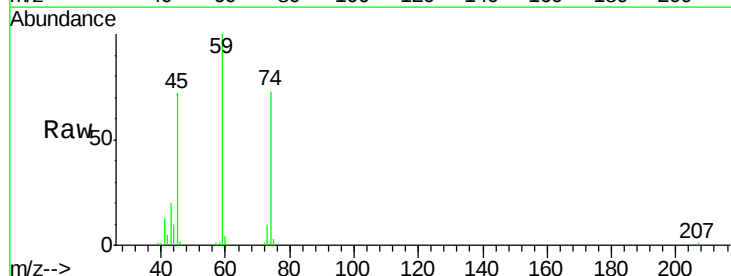
Tot Ion:101 Resp: 145516
Ion Ratio Lower Upper
101 100
103 65.1 50.5 75.7

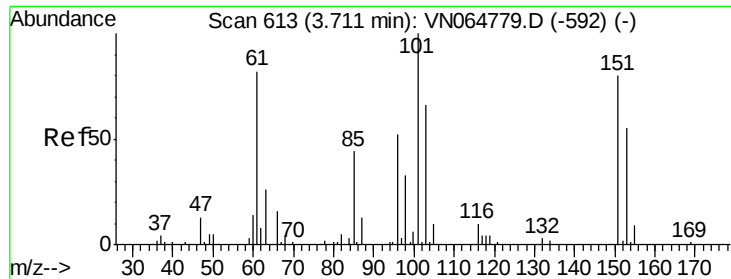


#8

Diethyl Ether
Concen: 47.898 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064841.D
Acq: 25 Nov 2020 4:18

Tgt Ion: 74 Resp: 57710
Ion Ratio Lower Upper
74 100
45 99.4 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.429 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

Instrument :

MSVOA_N

ClientSampleId :

56BR-20201118MS

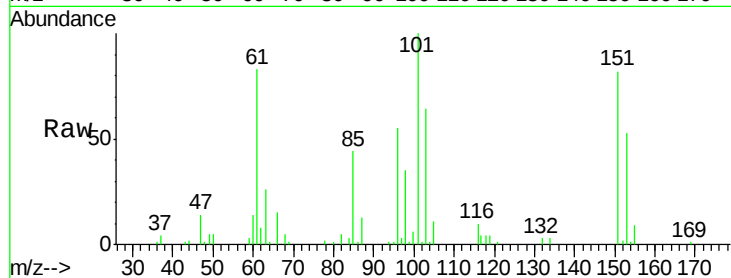
Tot Ion:101 Resp: 85016

Ion Ratio Lower Upper

101 100

85 43.3 34.4 51.6

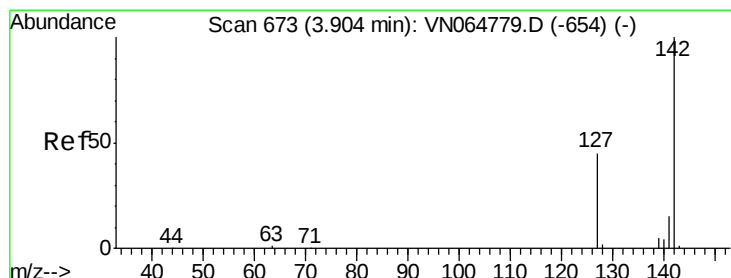
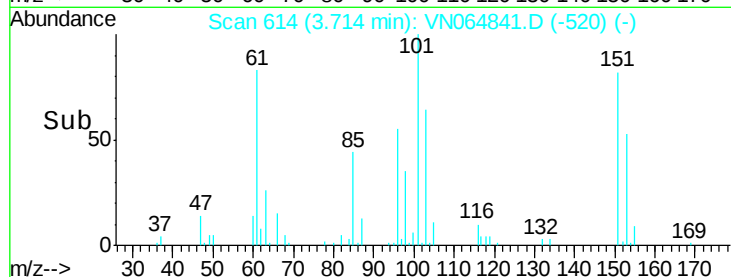
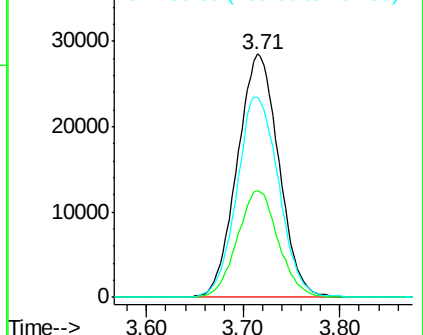
151 82.9 64.0 96.0



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: 39.603 ug/l

RT: 3.91 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

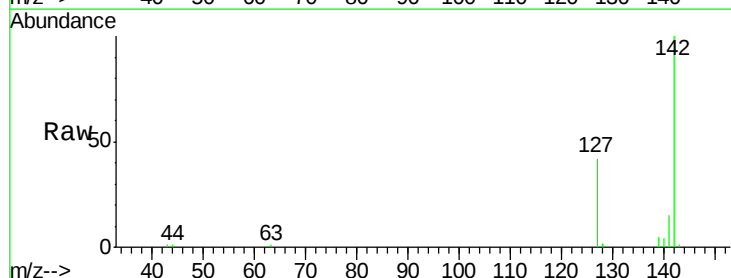
Tgt Ion:142 Resp: 94061

Ion Ratio Lower Upper

142 100

127 42.2 35.0 52.6

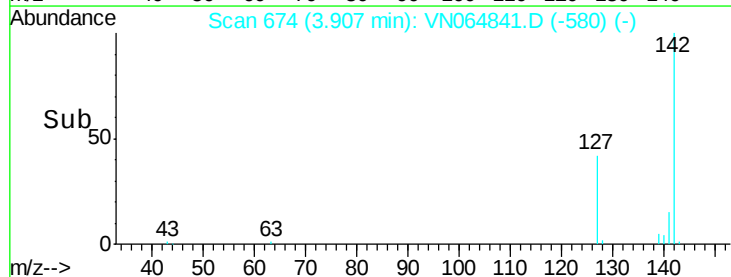
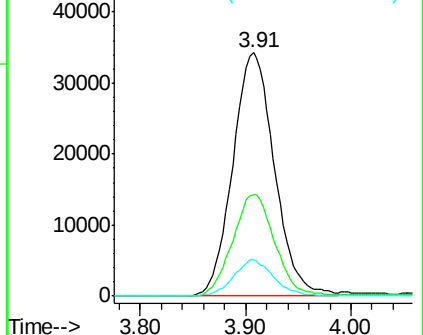
141 14.2 11.8 17.6

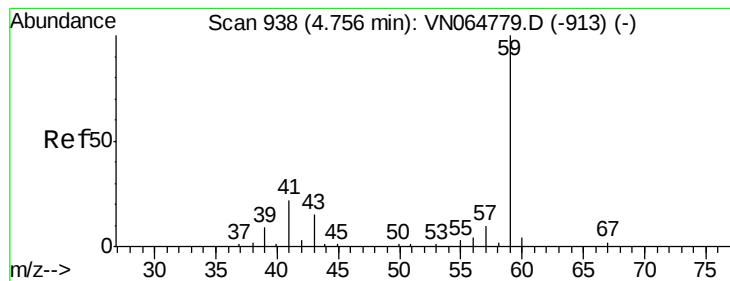


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 210.759 ug/l

RT: 4.74 min Scan# 934

Delta R.T. -0.01 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

Instrument :

MSVOA_N

ClientSampleId :

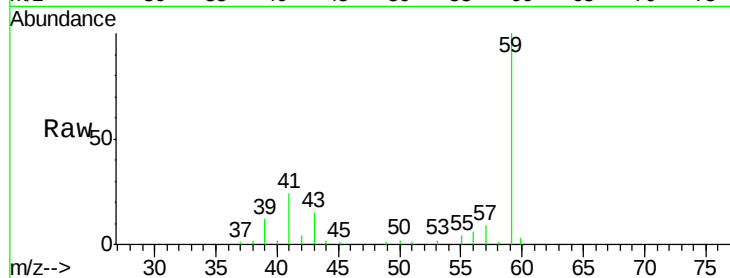
56BR-20201118MS

Tot Ion: 59 Resp: 71861

Ion Ratio Lower Upper

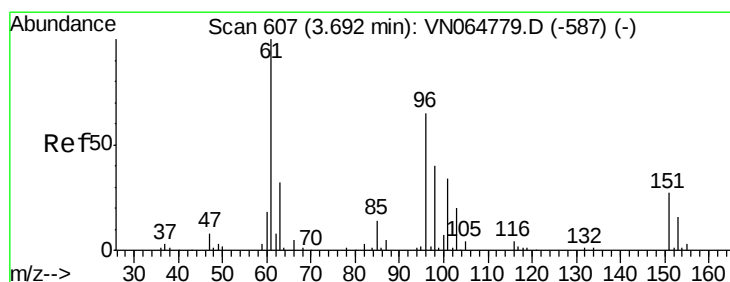
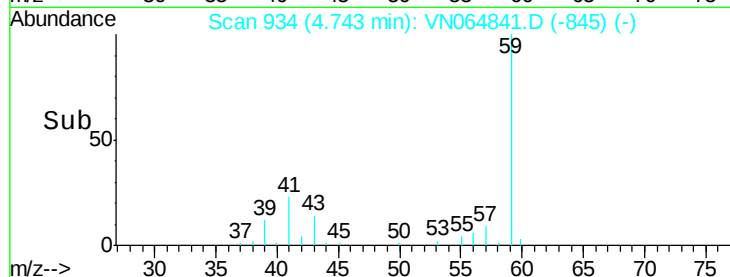
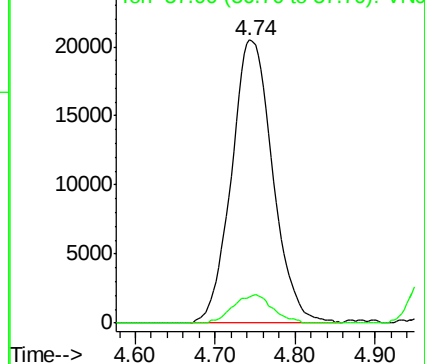
59 100

57 9.6 7.9 11.9



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 48.253 ug/l

RT: 3.69 min Scan# 607

Delta R.T. 0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

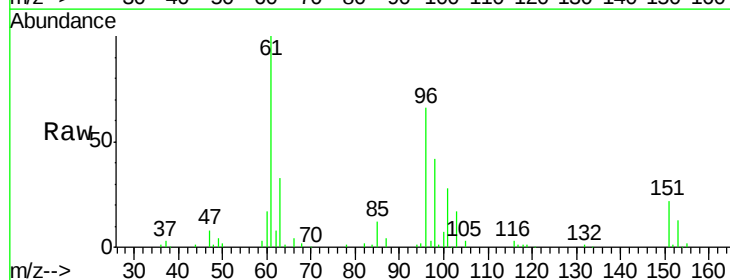
Tgt Ion: 96 Resp: 87995

Ion Ratio Lower Upper

96 100

61 150.7 123.4 185.2

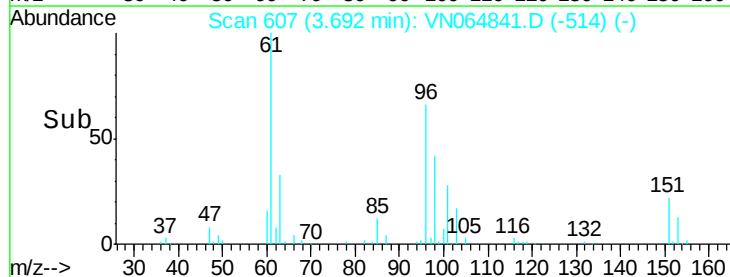
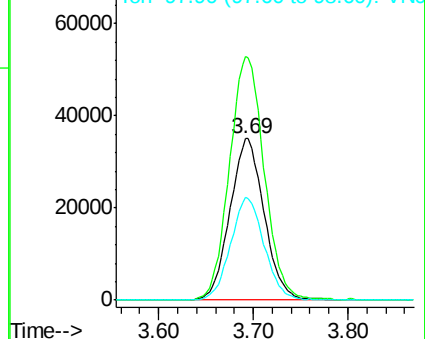
98 63.4 49.8 74.8

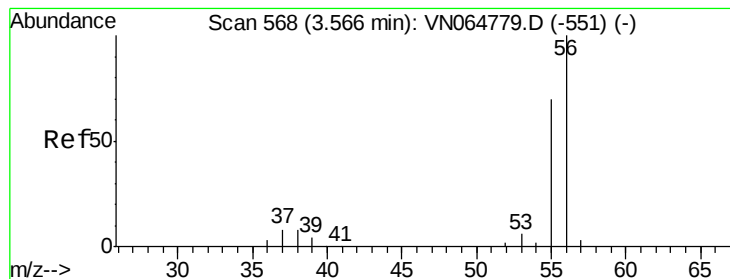


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 190.377 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

Instrument :

MSVOA_N

ClientSampleId :

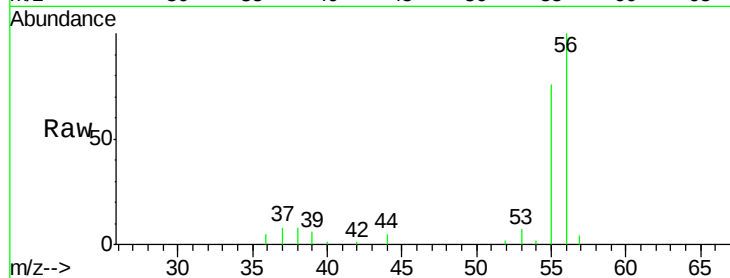
56BR-20201118MS

Tot Ion: 56 Resp: 39649

Ion Ratio Lower Upper

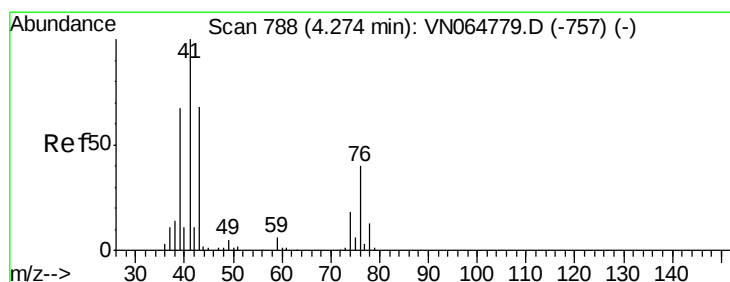
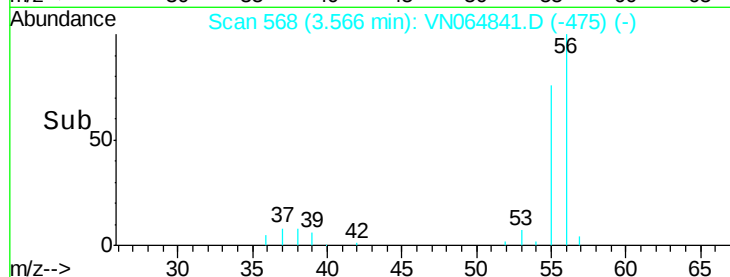
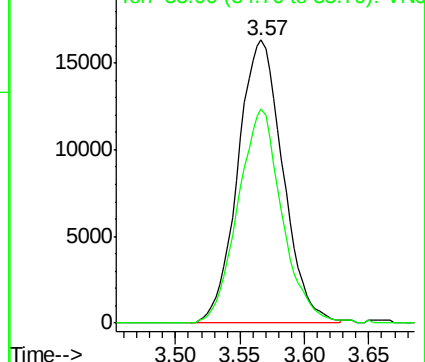
56 100

55 74.0 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 45.583 ug/l

RT: 4.27 min Scan# 788

Delta R.T. 0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

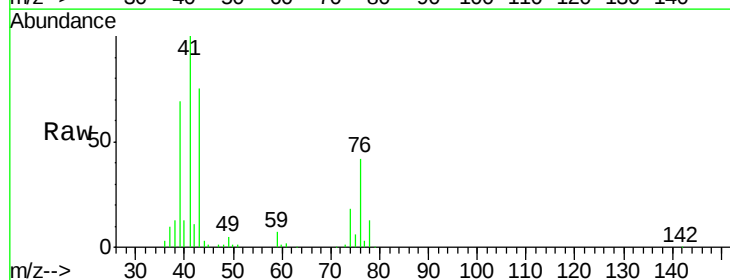
Tgt Ion: 41 Resp: 137104

Ion Ratio Lower Upper

41 100

39 63.8 50.9 76.3

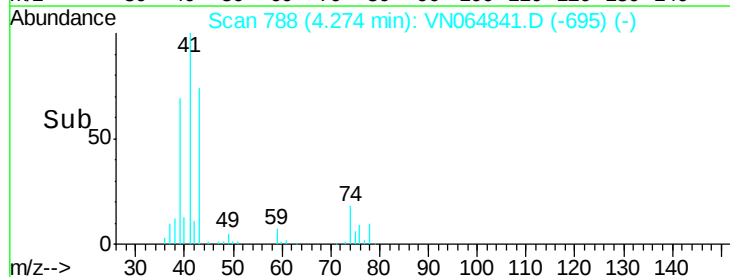
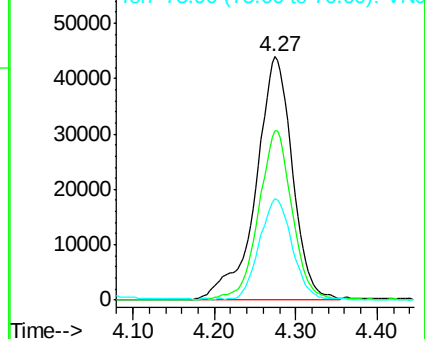
76 36.3 29.0 43.4



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 241.328 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.01 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

Instrument :

MSVOA_N

ClientSampleId :

56BR-20201118MS

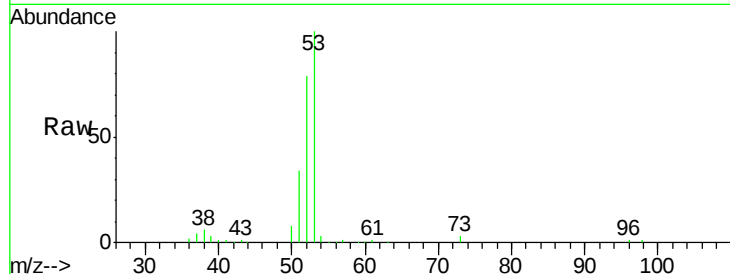
Tot Ion: 53 Resp: 227311

Ion Ratio Lower Upper

53 100

52 81.1 65.5 98.3

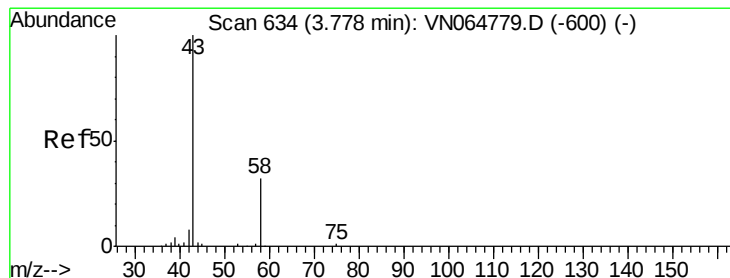
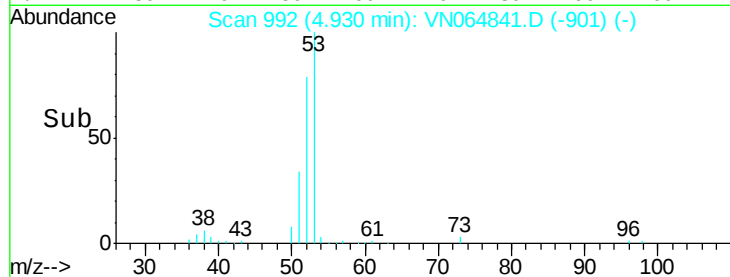
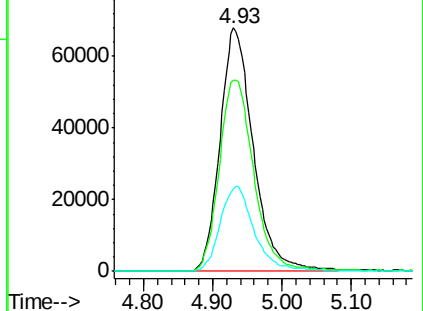
51 35.0 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN064841.D (-901) (-)

Ion 52.00 (51.70 to 52.70): VN064841.D (-901) (-)

Ion 51.00 (50.70 to 51.70): VN064841.D (-901) (-)



#16

Acetone

Concen: 242.055 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064841.D

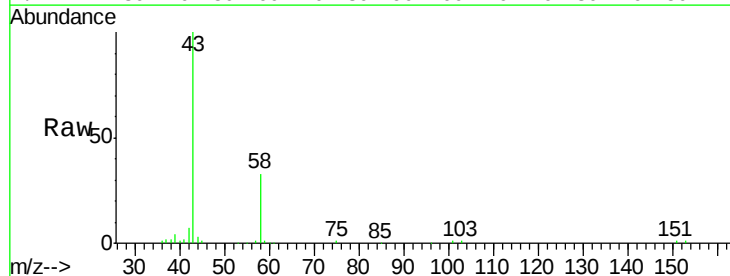
Acq: 25 Nov 2020 4:18

Tgt Ion: 43 Resp: 173966

Ion Ratio Lower Upper

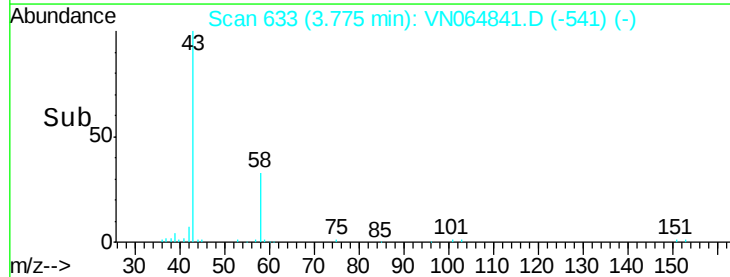
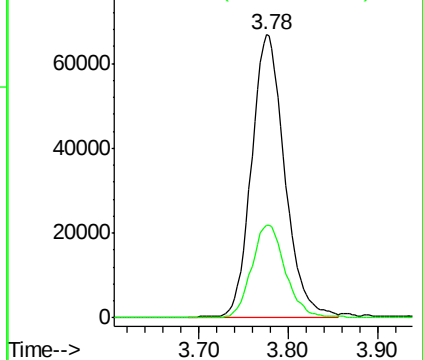
43 100

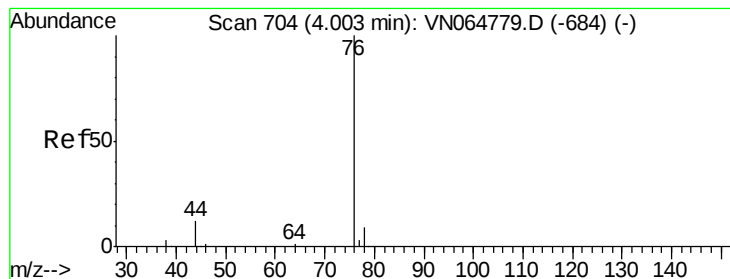
58 32.9 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064841.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN064841.D (-541) (-)





#17

Carbon Disulfide

Concen: 47.712 ug/l

RT: 4.01 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

Instrument :

MSVOA_N

ClientSampleId :

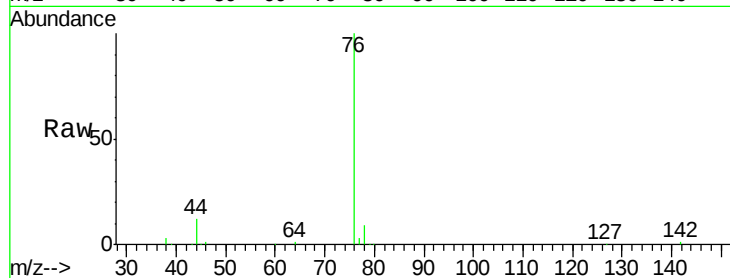
56BR-20201118MS

Tot Ion: 76 Resp: 224654

Ion Ratio Lower Upper

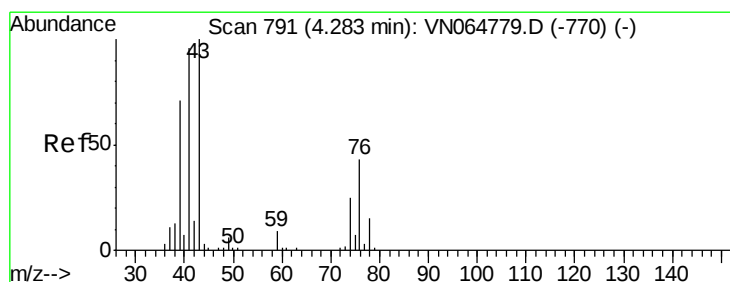
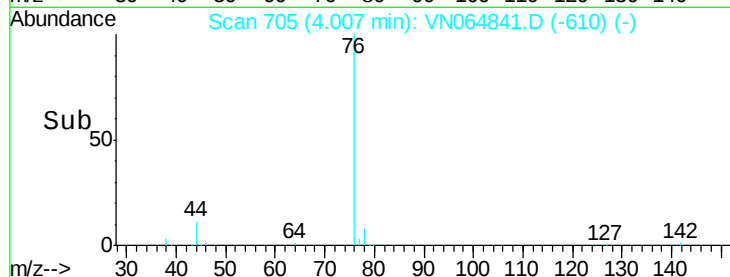
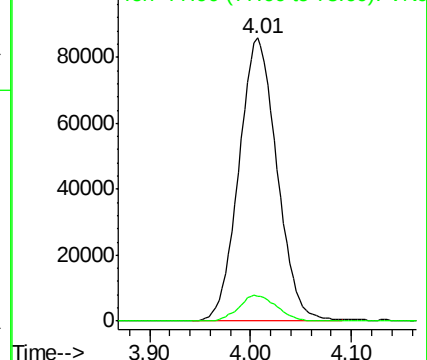
76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN064841.D (-610) (-)

Ion 77.90 (77.60 to 78.60): VN064841.D (-610) (-)



#18

Methyl Acetate

Concen: 46.496 ug/l

RT: 4.28 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN064841.D

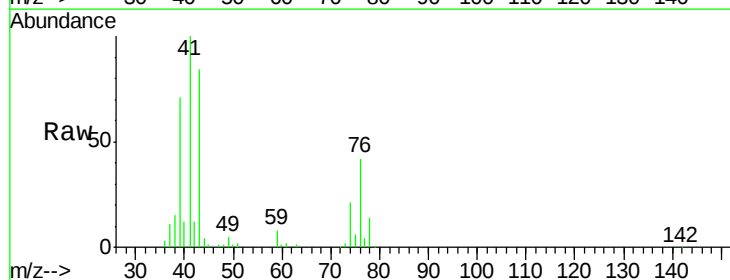
Acq: 25 Nov 2020 4:18

Tgt Ion: 43 Resp: 100471

Ion Ratio Lower Upper

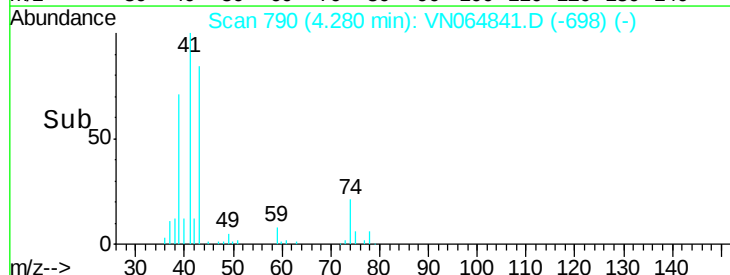
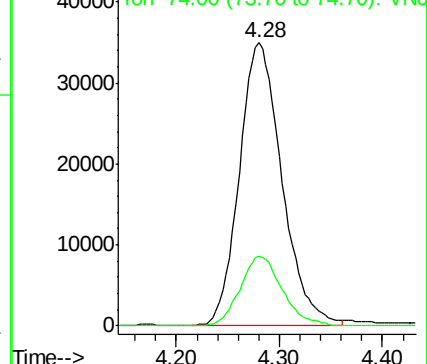
43 100

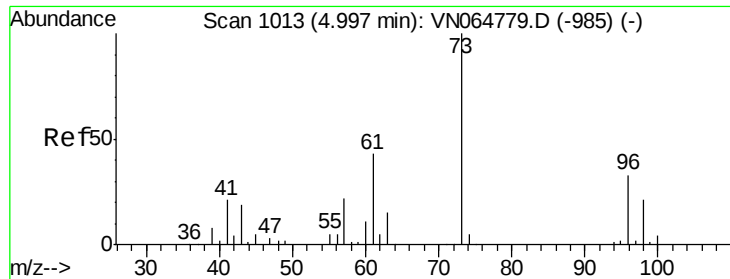
74 24.3 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN064841.D (-698) (-)

Ion 74.00 (73.70 to 74.70): VN064841.D (-698) (-)

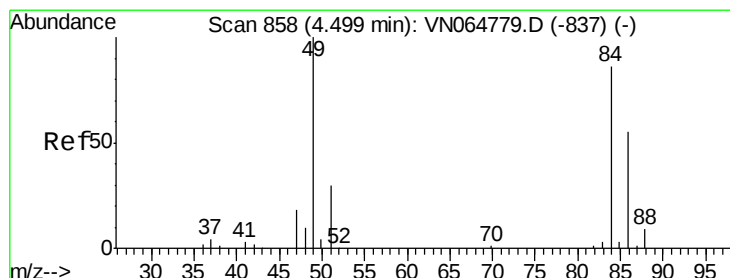
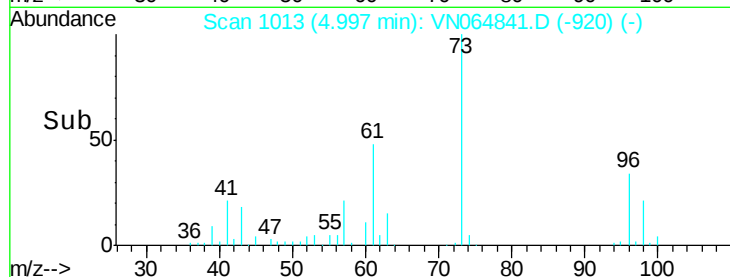
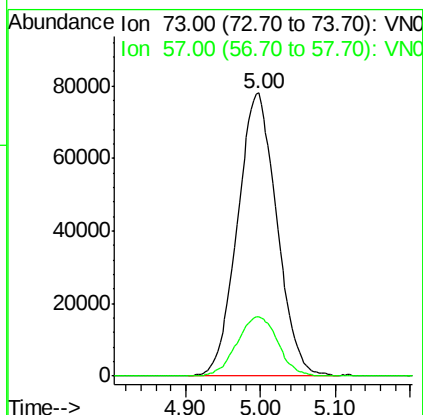
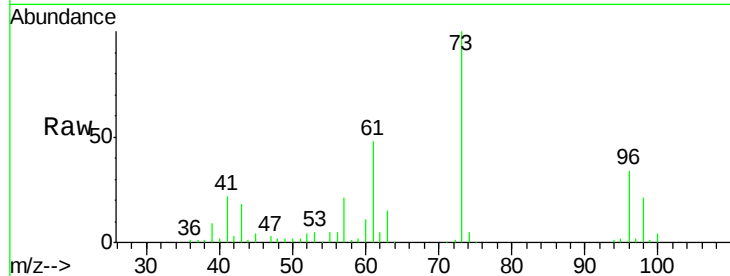




#19
Methvl tert-butvl Ether
Concen: 48.754 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064841.D
Acq: 25 Nov 2020 4:18

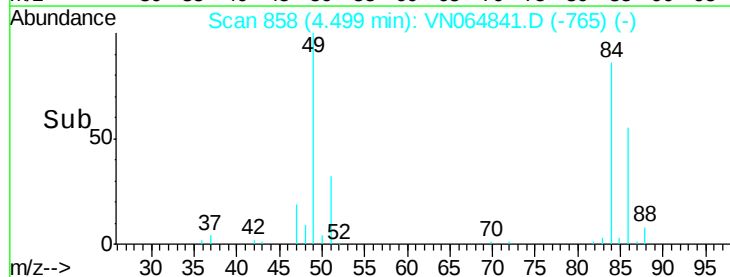
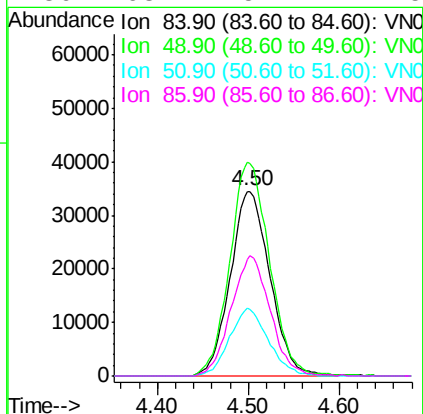
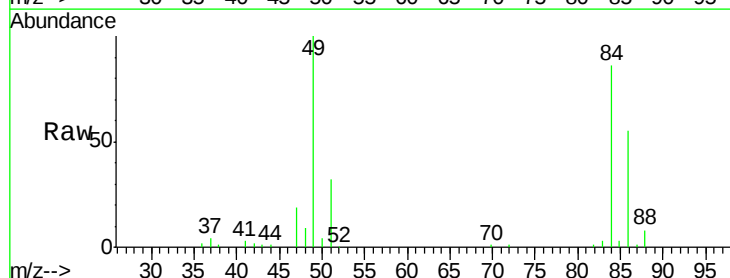
Instrument :
MSVOA_N
ClientSampleId :
56BR-20201118MS

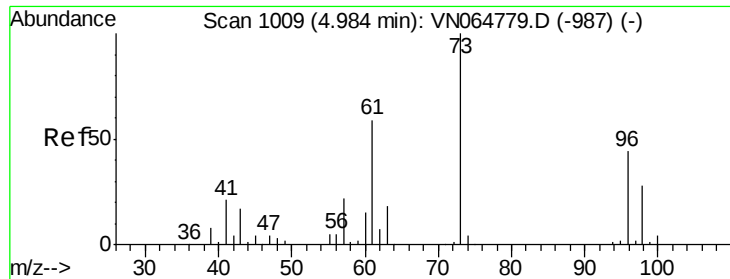
Tot Ion: 73 Resp: 285153
Ion Ratio Lower Upper
73 100
57 21.0 17.4 26.0



#20
Methylene Chloride
Concen: 46.324 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064841.D
Acq: 25 Nov 2020 4:18

Tgt Ion: 84 Resp: 104326
Ion Ratio Lower Upper
84 100
49 115.6 93.4 140.0
51 36.5 28.2 42.4
86 63.1 51.7 77.5

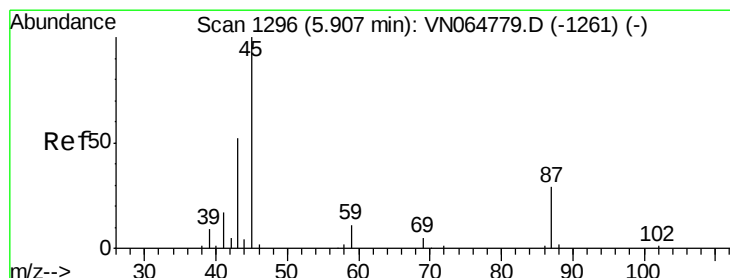
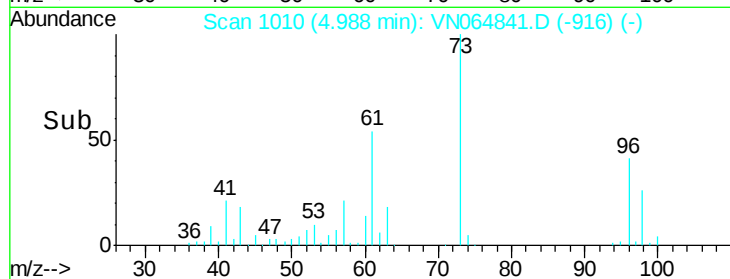
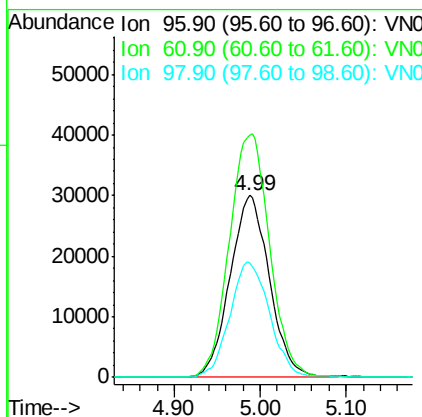
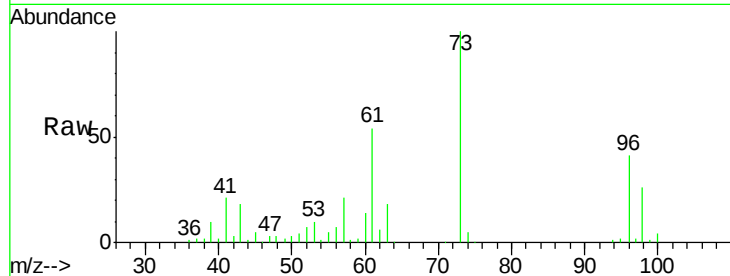




#21
trans-1,2-Dichloroethene
Concen: 47.163 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064841.D
Acq: 25 Nov 2020 4:18

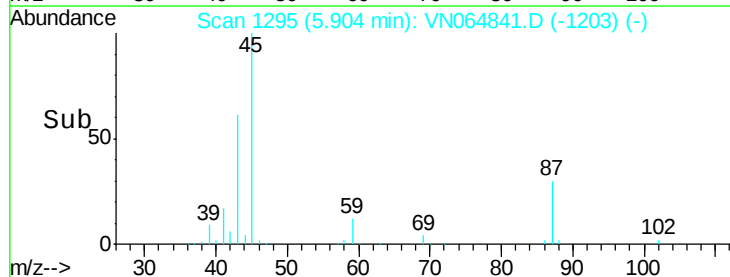
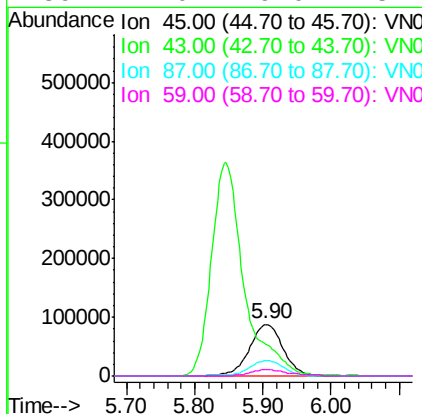
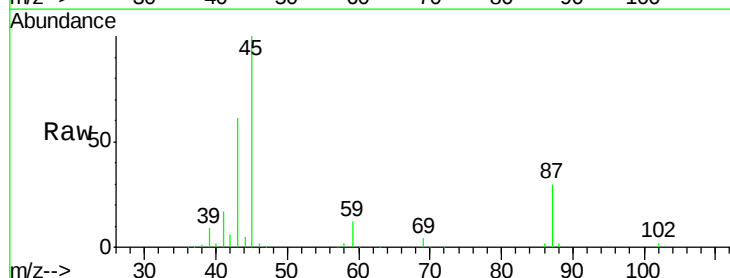
Instrument :
MSVOA_N
ClientSampleId :
56BR-20201118MS

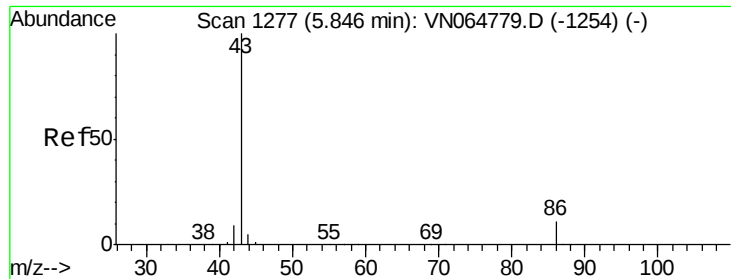
Tot Ion: 96 Resp: 95511
Ion Ratio Lower Upper
96 100
61 133.1 108.4 162.6
98 62.9 51.3 76.9



#22
Diisopropyl ether
Concen: 50.103 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064841.D
Acq: 25 Nov 2020 4:18

Tgt Ion: 45 Resp: 301633
Ion Ratio Lower Upper
45 100
43 59.8 46.2 69.2
87 30.1 24.1 36.1
59 12.0 9.0 13.4





#23

Vinyl Acetate

Concen: 251.572 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

Instrument :

MSVOA_N

ClientSampleId :

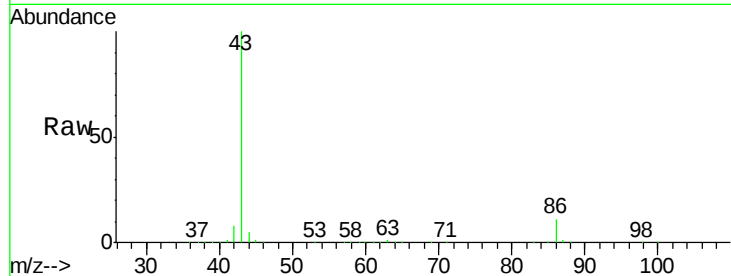
56BR-20201118MS

Tot Ion: 43 Resp: 1211137

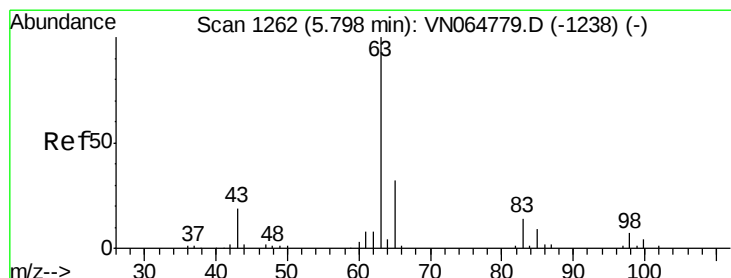
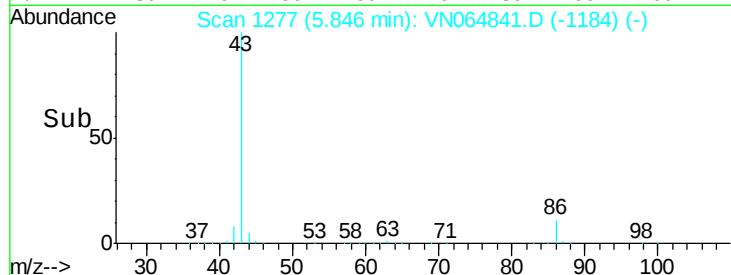
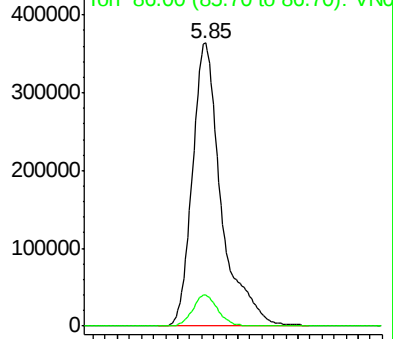
Ion Ratio Lower Upper

43 100

86 10.9 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN064841.D (-1184) (-)



#24

1,1-Dichloroethane

Concen: 49.316 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

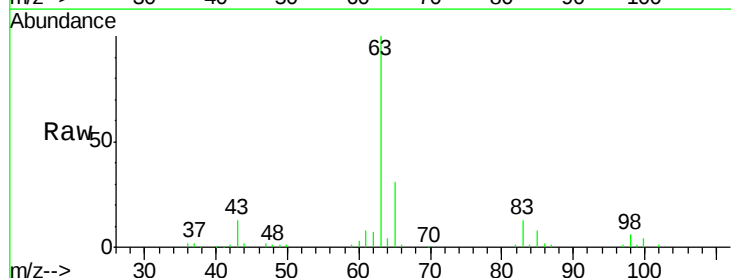
Tgt Ion: 63 Resp: 177436

Ion Ratio Lower Upper

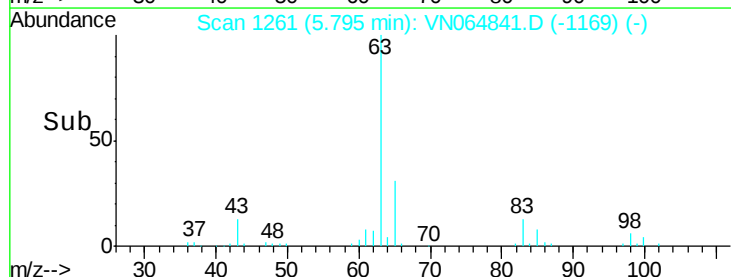
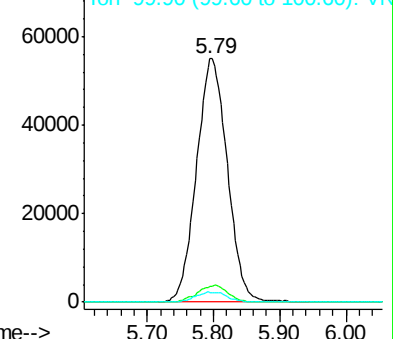
63 100

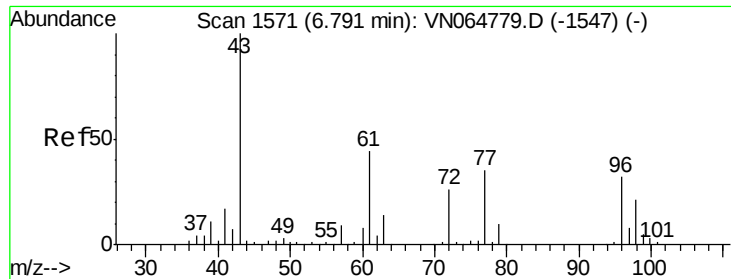
98 6.2 3.5 10.5

100 4.0 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN064841.D (-1169) (-)

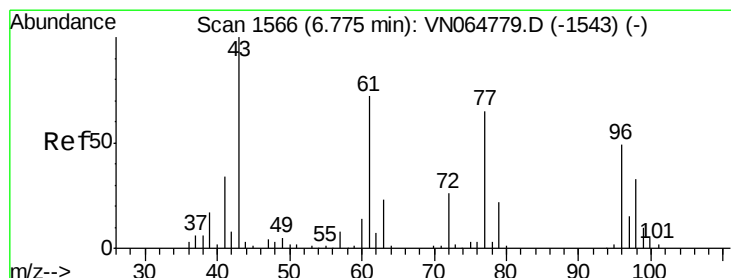
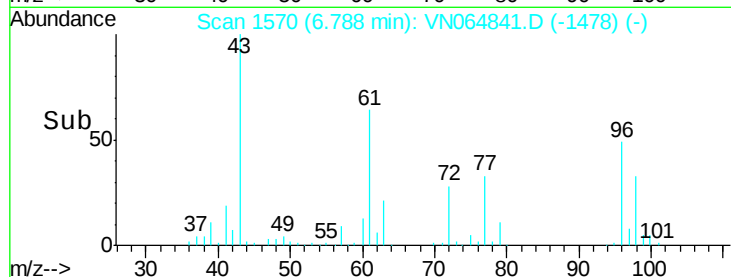
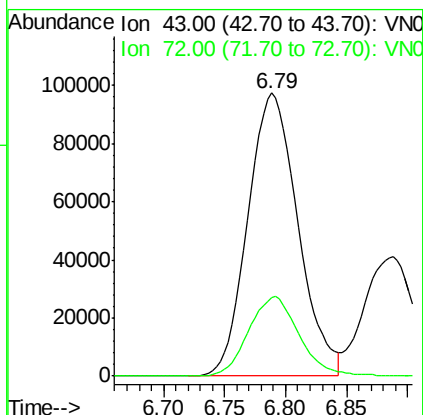
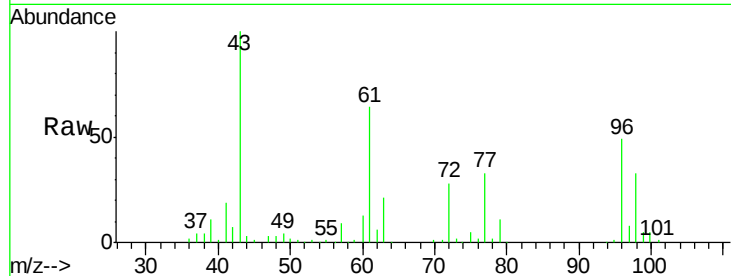




#25
2-Butanone
Concen: 237.737 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN064841.D
Acq: 25 Nov 2020 4:18

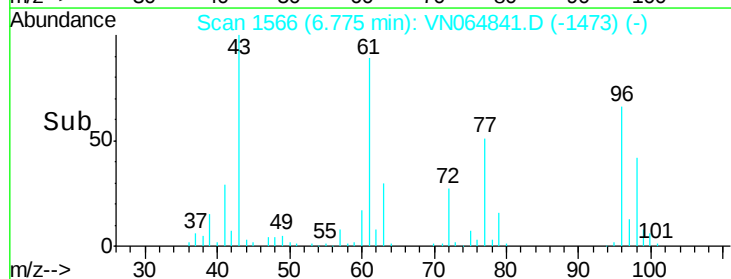
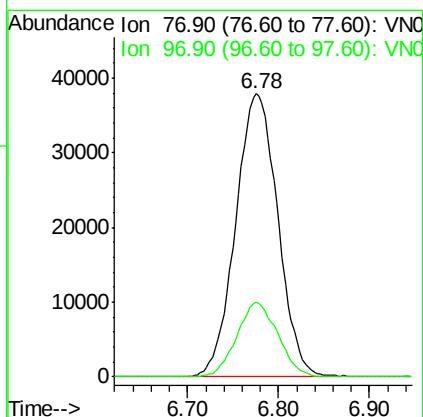
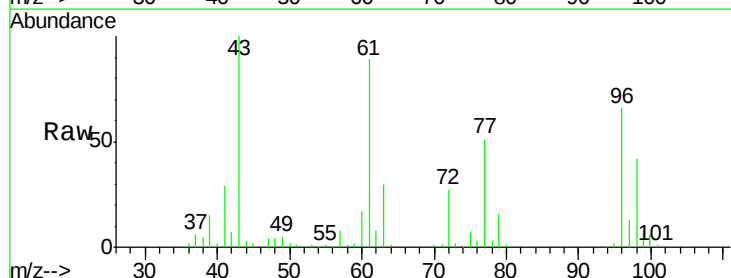
Instrument :
MSVOA_N
ClientSampleId :
56BR-20201118MS

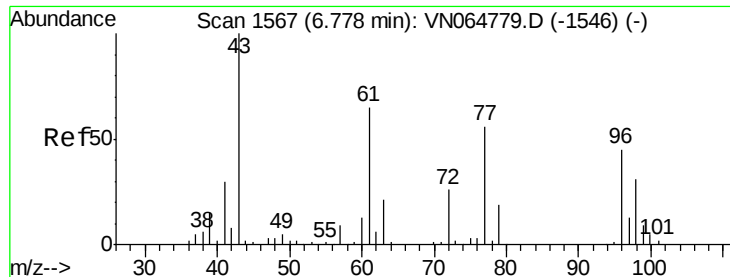
Tot Ion: 43 Resp: 276977
Ion Ratio Lower Upper
43 100
72 27.8 21.0 31.6



#26
2,2-Dichloropropane
Concen: 39.033 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN064841.D
Acq: 25 Nov 2020 4:18

Tgt Ion: 77 Resp: 121802
Ion Ratio Lower Upper
77 100
97 25.5 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 65.060 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

Instrument :

MSVOA_N

ClientSampleId :

56BR-20201118MS

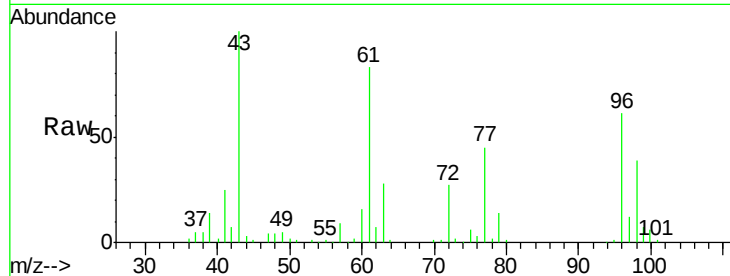
Tot Ion: 96 Resp: 148257

Ion Ratio Lower Upper

96 100

61 134.4 0.0 285.8

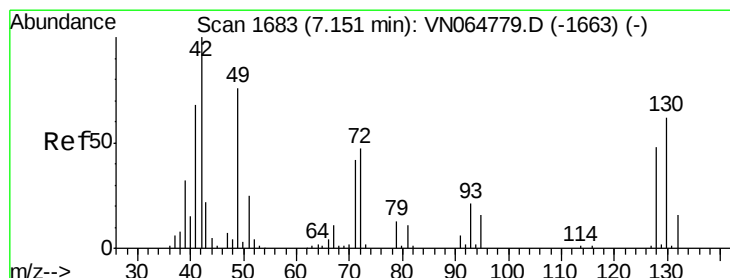
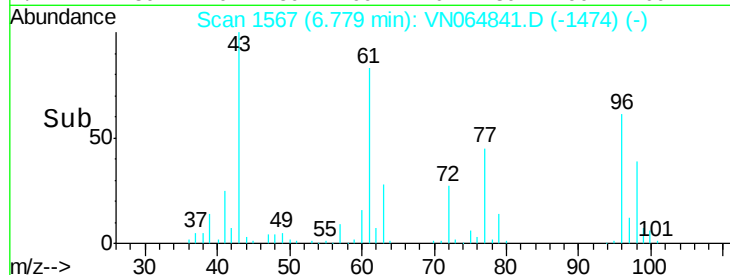
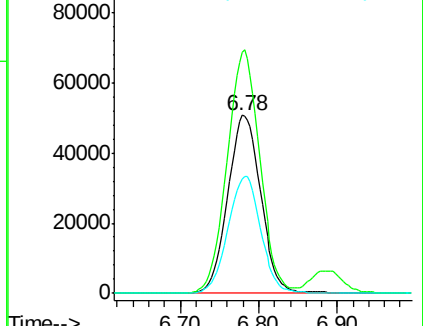
98 65.1 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN064841.D (-1474) (-)

Ion 60.90 (60.60 to 61.60): VN064841.D (-1474) (-)

Ion 97.90 (97.60 to 98.60): VN064841.D (-1474) (-)



#28

Bromochloromethane

Concen: 48.320 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

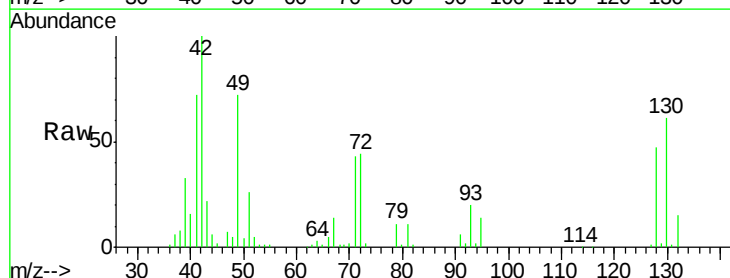
Tgt Ion: 49 Resp: 79532

Ion Ratio Lower Upper

49 100

129 1.0 0.0 3.8

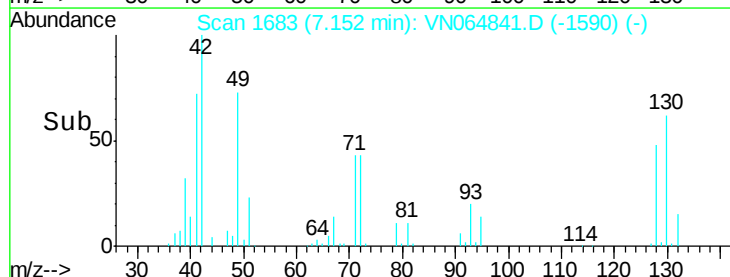
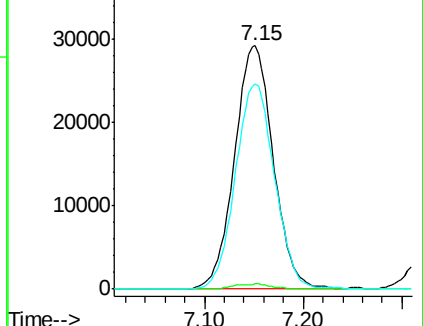
130 85.5 66.2 99.2

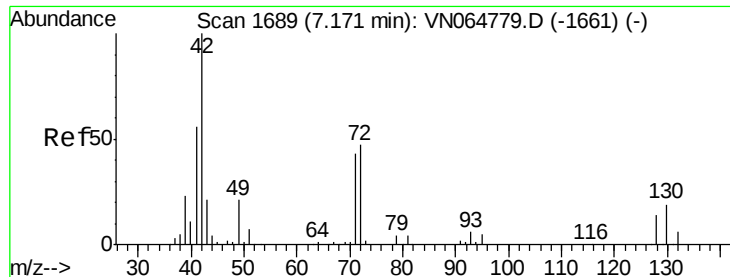


Abundance Ion 48.90 (48.60 to 49.60): VN064841.D (-1590) (-)

Ion 128.80 (128.50 to 129.50): VN064841.D (-1590) (-)

Ion 129.80 (129.50 to 130.50): VN064841.D (-1590) (-)





#29

Tetrahydrofuran

Concen: 233.822 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

Instrument :

MSVOA_N

ClientSampleId :

56BR-20201118MS

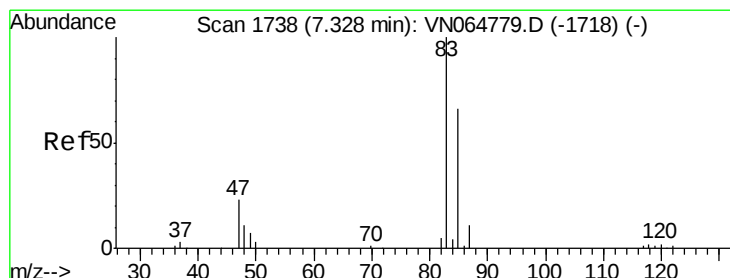
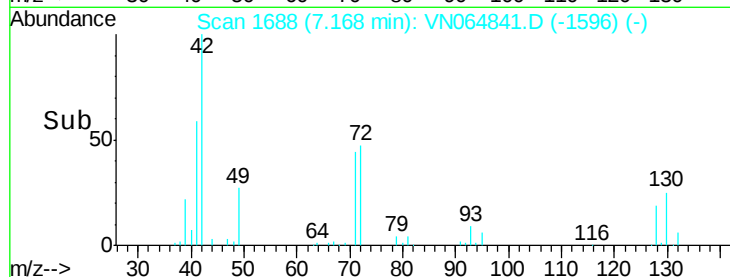
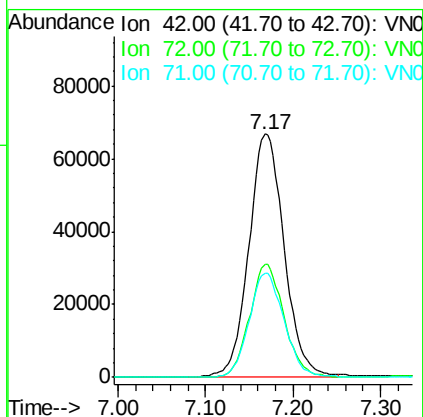
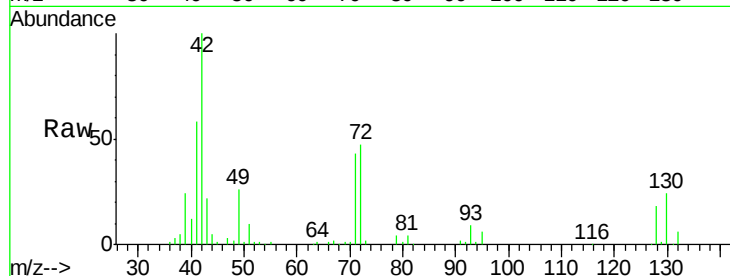
Tot Ion: 42 Resp: 188047

Ion Ratio Lower Upper

42 100

72 45.1 36.6 54.8

71 42.5 33.6 50.4



#30

Chloroform

Concen: 49.278 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN064841.D

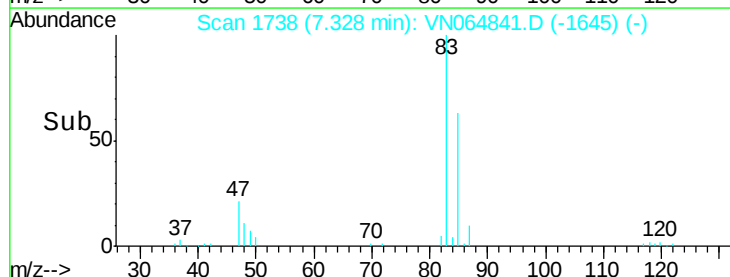
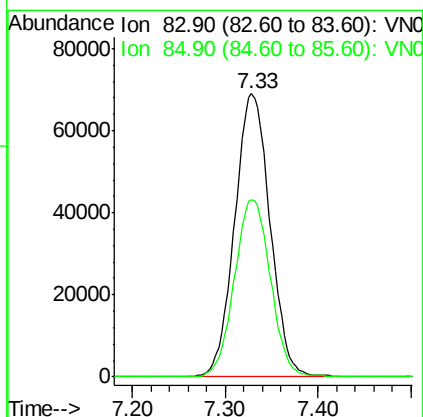
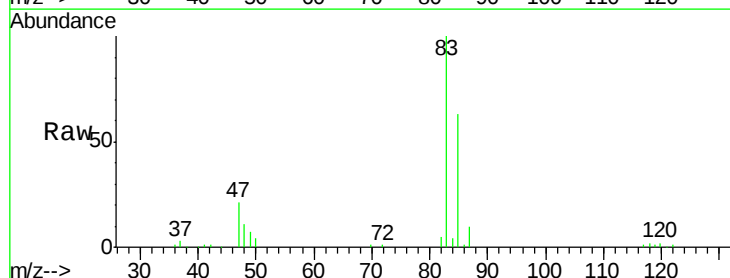
Acq: 25 Nov 2020 4:18

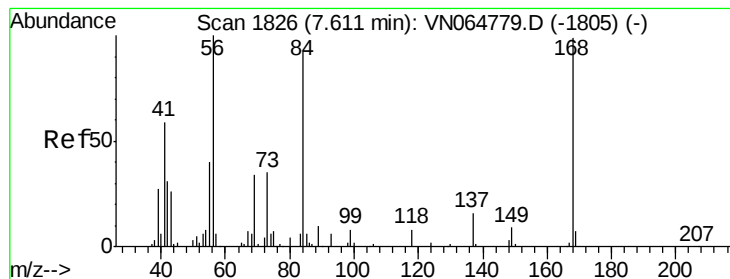
Tgt Ion: 83 Resp: 182837

Ion Ratio Lower Upper

83 100

85 62.7 52.6 78.8





#31

Cyclohexane

Concen: 46.540 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

Instrument :

MSVOA_N

ClientSampleId :

56BR-20201118MS

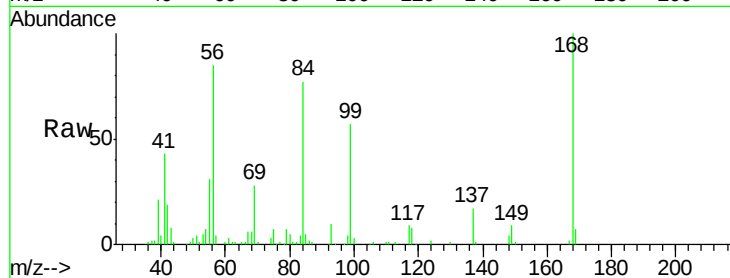
Tot Ion: 56 Resp: 141817

Ion Ratio Lower Upper

56 100

69 33.4 27.5 41.3

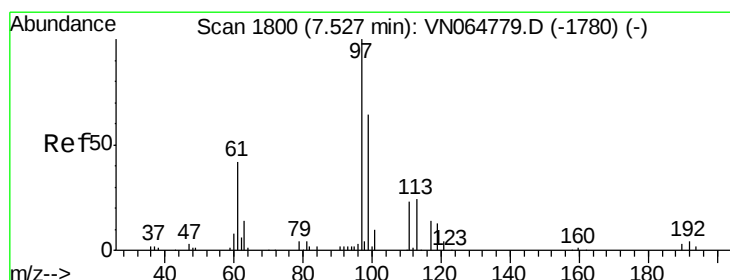
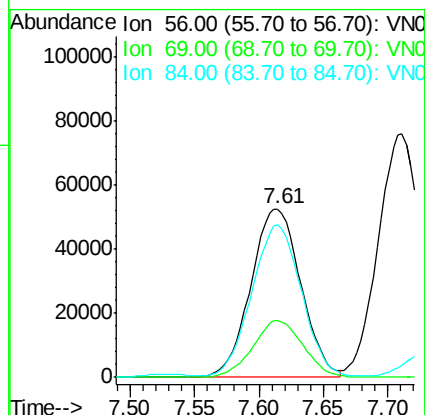
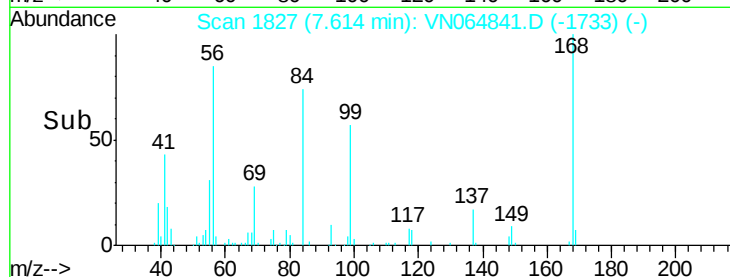
84 89.8 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VN064841.D (-1733) (-)

Ion 69.00 (68.70 to 69.70): VN064841.D (-1733) (-)

Ion 84.00 (83.70 to 84.70): VN064841.D (-1733) (-)



#32

1,1,1-Trichloroethane

Concen: 48.790 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

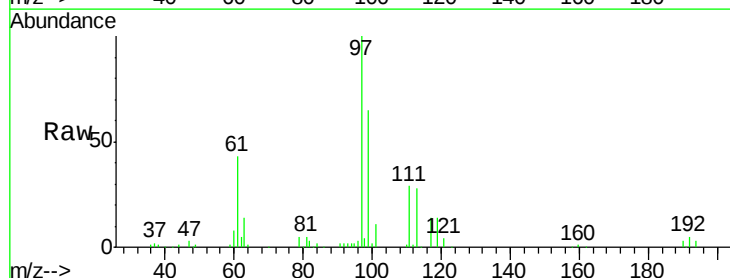
Tgt Ion: 97 Resp: 155478

Ion Ratio Lower Upper

97 100

99 63.8 51.7 77.5

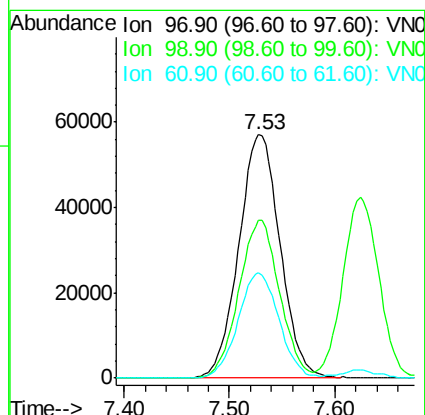
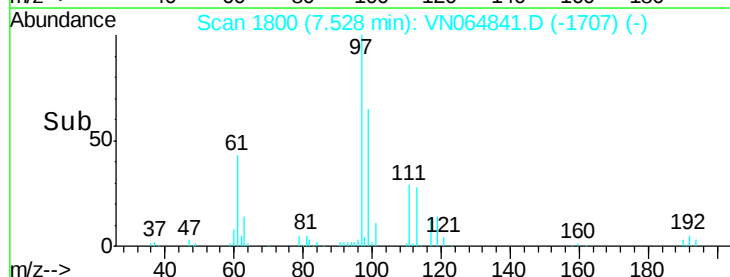
61 42.9 33.9 50.9

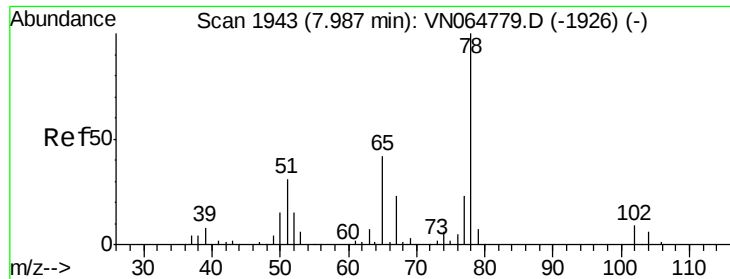


Abundance Ion 96.90 (96.60 to 97.60): VN064841.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064841.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064841.D (-1707) (-)





#33

1,2-Dichloroethane-d4

Concen: 49.198 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

Instrument :

MSVOA_N

ClientSampleId :

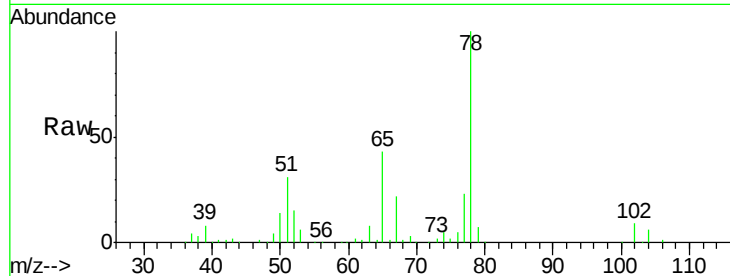
56BR-20201118MS

Tot Ion: 65 Resp: 107563

Ion Ratio Lower Upper

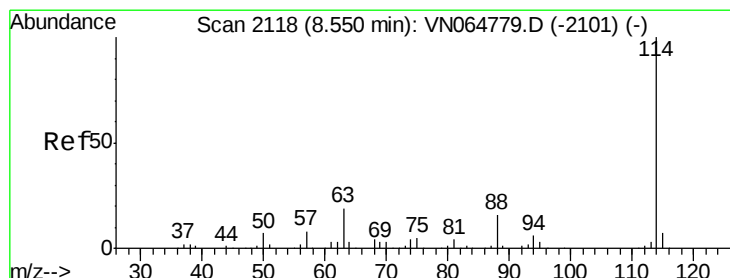
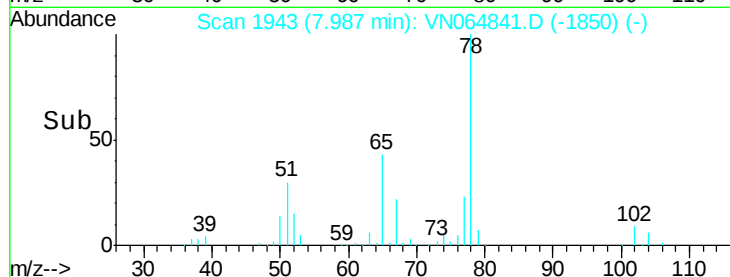
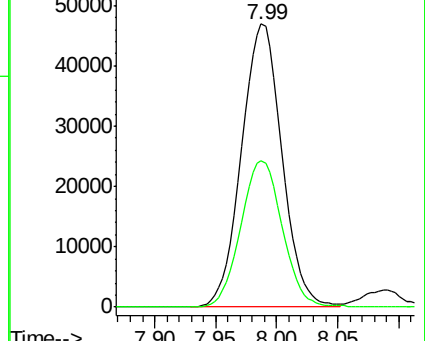
65 100

67 53.0 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN064841.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN064841.D (-1850) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

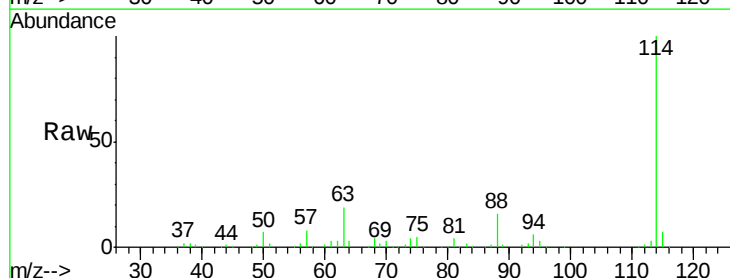
Tgt Ion: 114 Resp: 298160

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

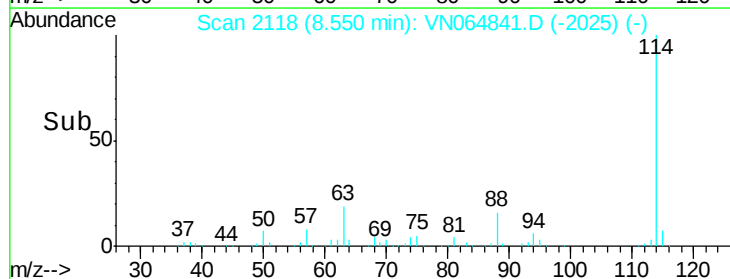
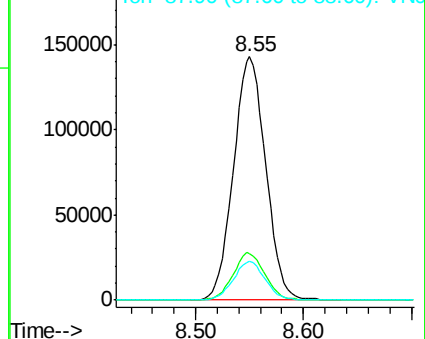
88 15.8 0.0 32.6

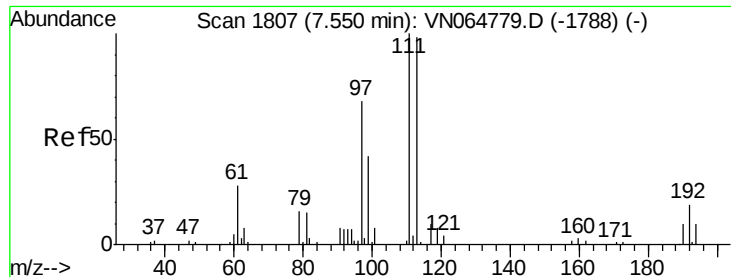


Abundance Ion 113.90 (113.60 to 114.60): VN064841.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN064841.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN064841.D (-2025) (-)

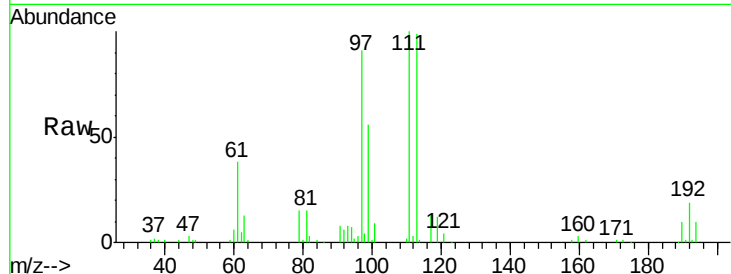




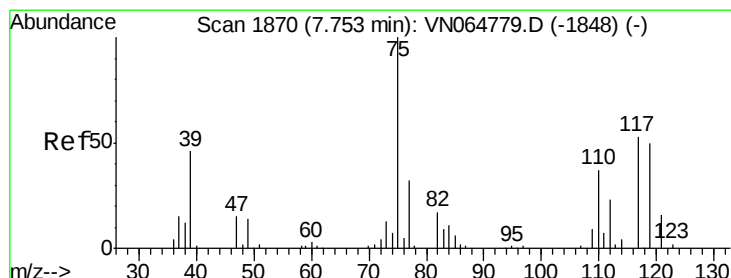
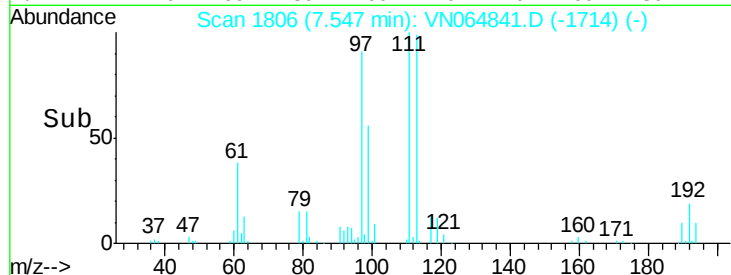
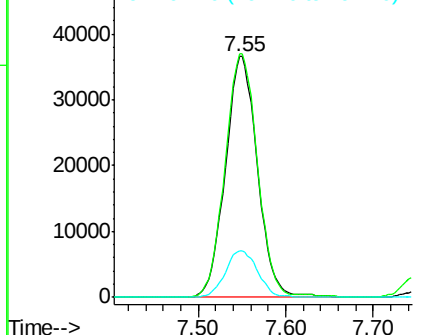
#35
 Dibromofluoromethane
 Concen: 52.073 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064841.D
 Acq: 25 Nov 2020 4:18

Instrument :
 MSVOA_N
 ClientSampleId :
 56BR-20201118MS

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.6	122.4
192	19.4	16.2	24.2

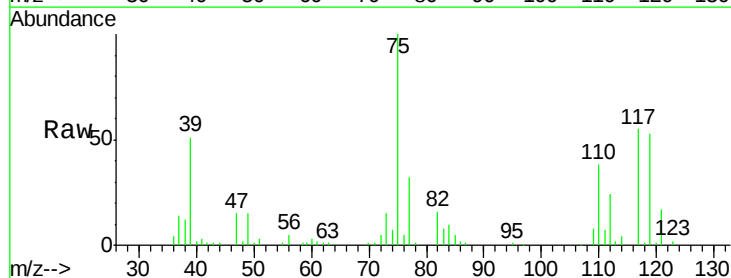


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

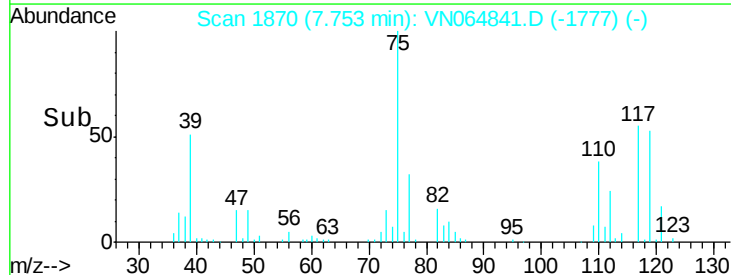
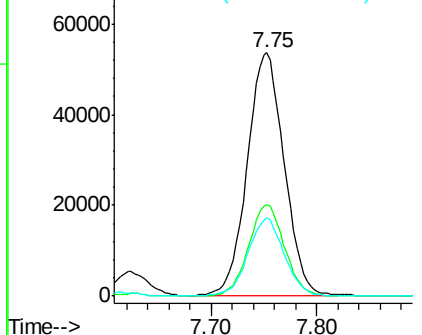


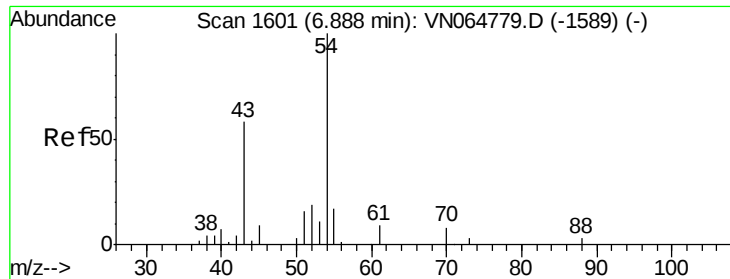
#36
 1,1-Dichloropropene
 Concen: 47.572 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064841.D
 Acq: 25 Nov 2020 4:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.3	17.8	53.3
77	31.5	25.0	37.4



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

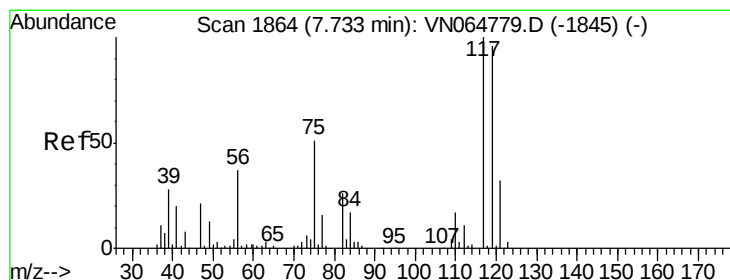
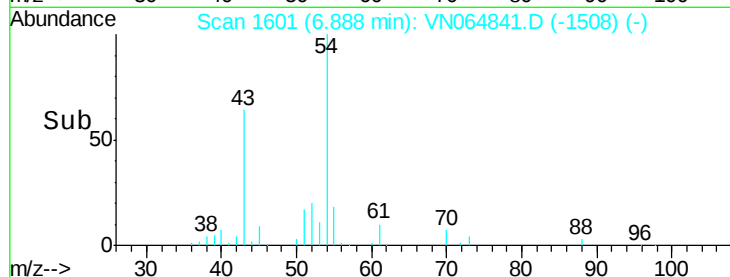
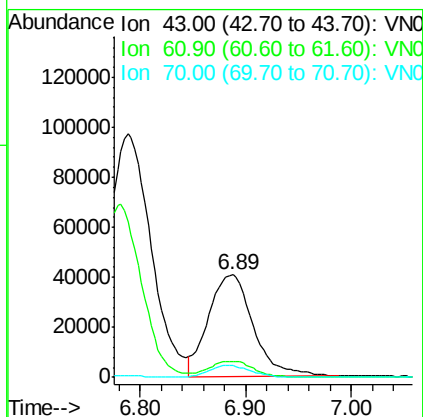
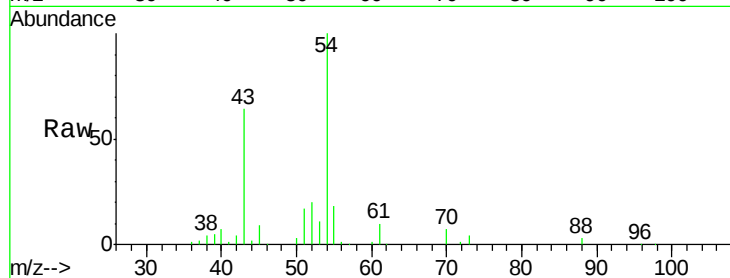




#37
Ethyl Acetate
Concen: 45.133 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064841.D
Acq: 25 Nov 2020 4:18

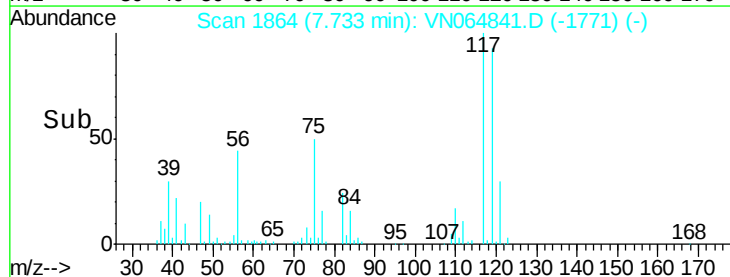
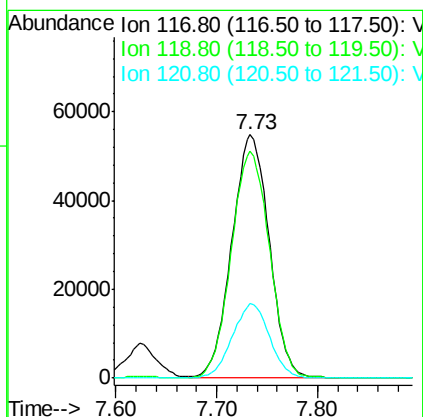
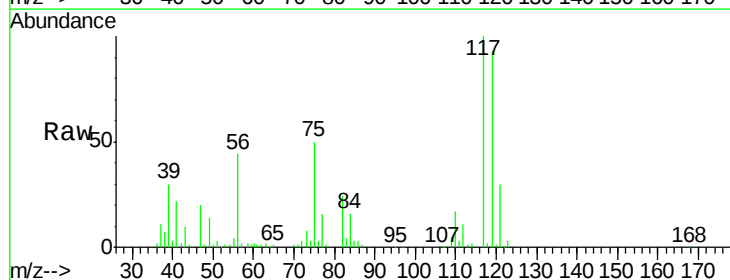
Instrument :
MSVOA_N
ClientSampleId :
56BR-20201118MS

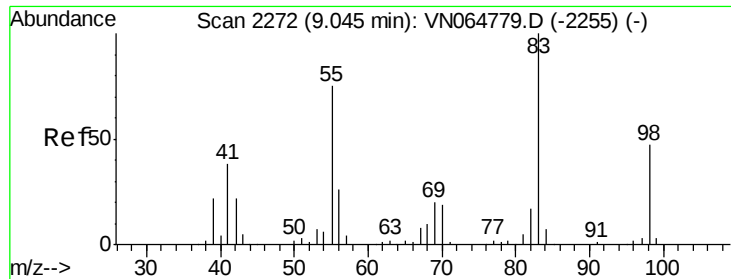
Tot Ion: 43 Resp: 120150
Ion Ratio Lower Upper
43 100
61 16.0 12.8 19.2
70 11.1 8.8 13.2



#38
Carbon Tetrachloride
Concen: 49.076 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064841.D
Acq: 25 Nov 2020 4:18

Tgt Ion: 117 Resp: 141120
Ion Ratio Lower Upper
117 100
119 93.3 76.7 115.1
121 30.5 25.4 38.2

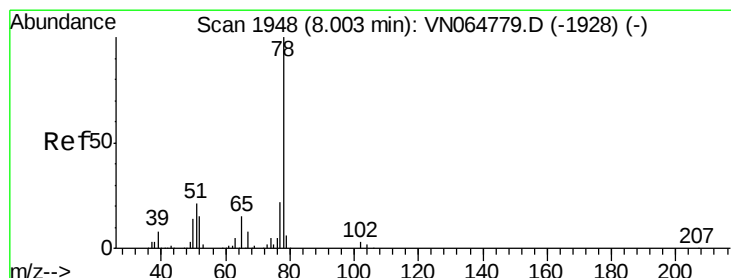
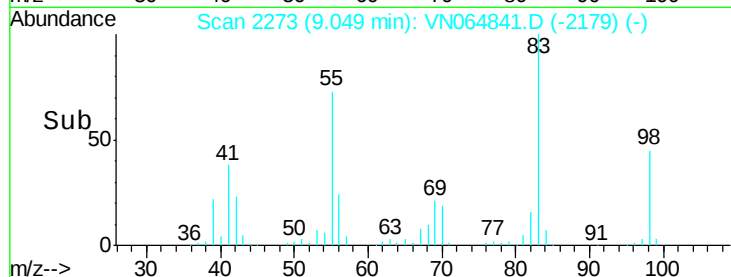
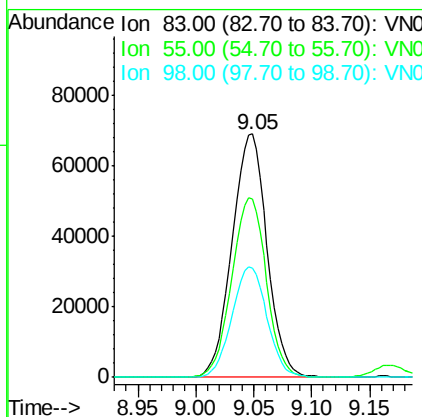
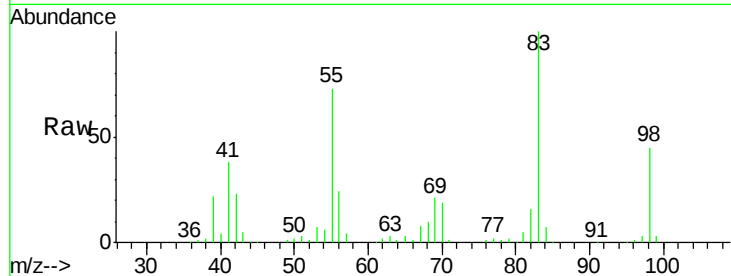




#39
Methvlcvclohexane
Concen: 48.576 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064841.D
Acq: 25 Nov 2020 4:18

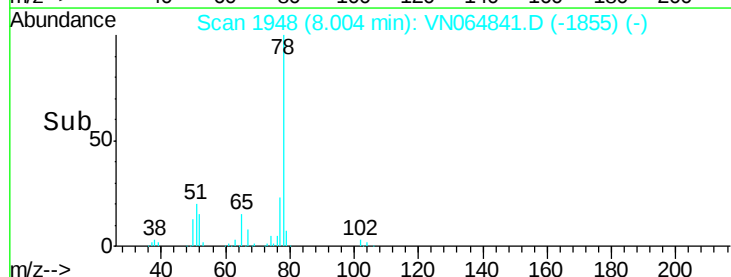
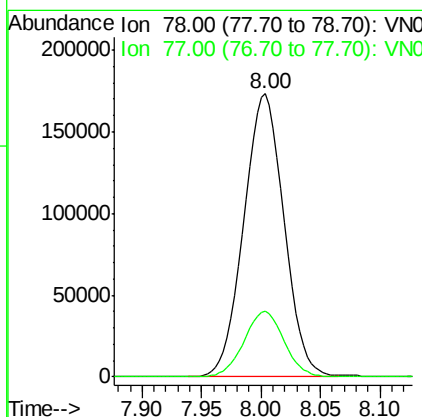
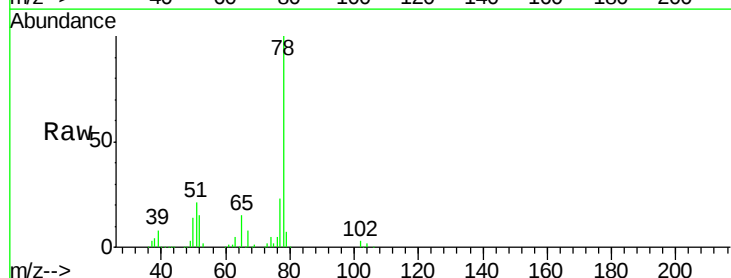
Instrument :
MSVOA_N
ClientSampleId :
56BR-20201118MS

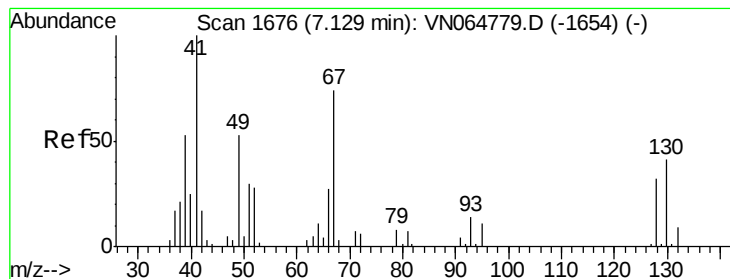
Tot Ion	83.00	Resp	144517
Ion Ratio	Lower	Upper	
83	100		
55	73.1	60.2	90.2
98	44.9	37.4	56.2



#40
Benzene
Concen: 48.007 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064841.D
Acq: 25 Nov 2020 4:18

Tgt Ion	78	Resp	406558
Ion Ratio	Lower	Upper	
78	100		
77	23.1	17.9	26.9





#41

Methacrylonitrile

Concen: 48.302 ug/l

RT: 7.13 min Scan# 1675

Delta R.T. -0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

Instrument :

MSVOA_N

ClientSampleId :

56BR-20201118MS

Tot Ion: 41 Resp: 59332

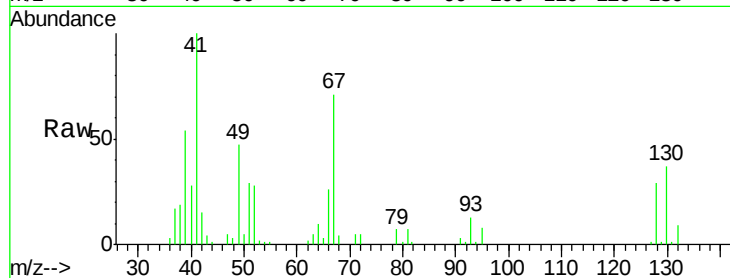
Ion Ratio Lower Upper

41 100

39 56.8 51.0 76.6

67 86.1 79.8 119.8

52 34.0 31.5 47.3

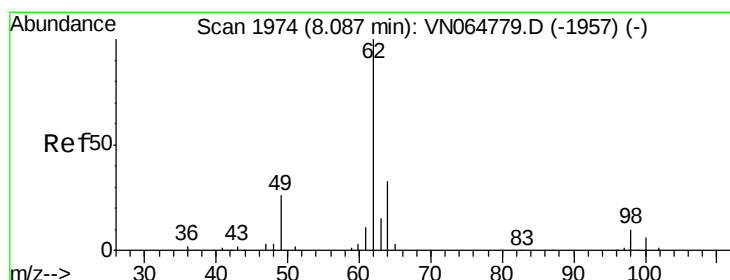
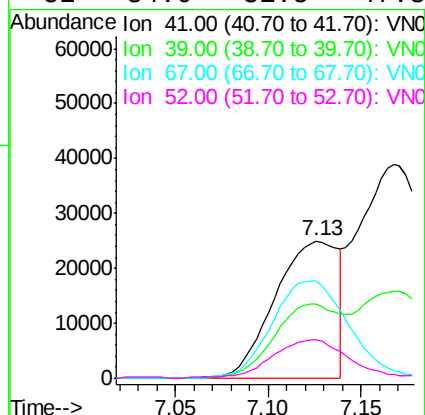
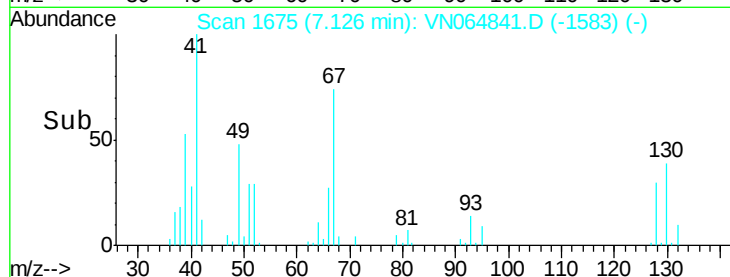


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 46.776 ug/l

RT: 8.08 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VN064841.D

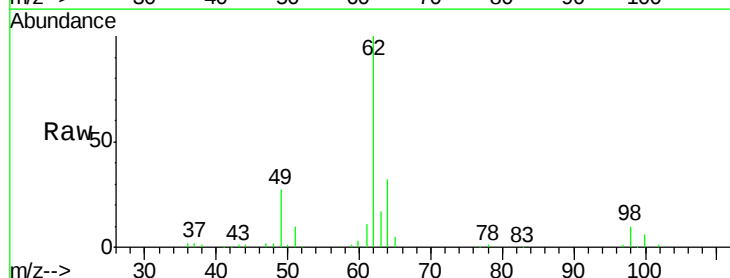
Acq: 25 Nov 2020 4:18

Tgt Ion: 62 Resp: 133634

Ion Ratio Lower Upper

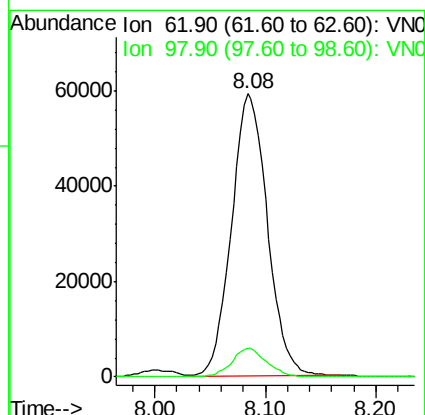
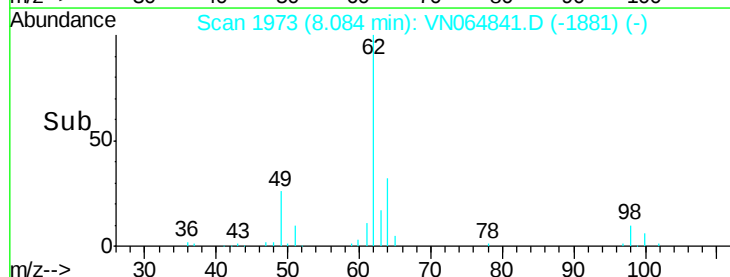
62 100

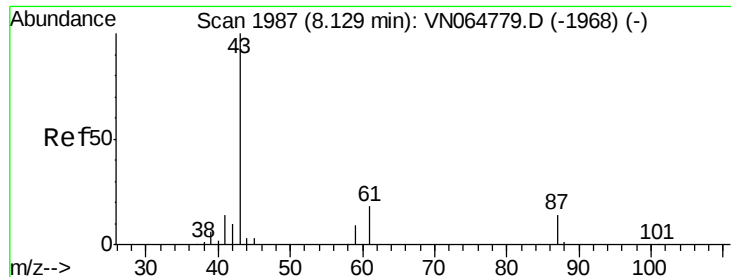
98 9.9 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



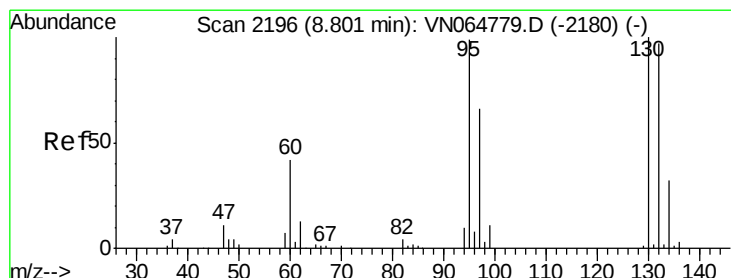
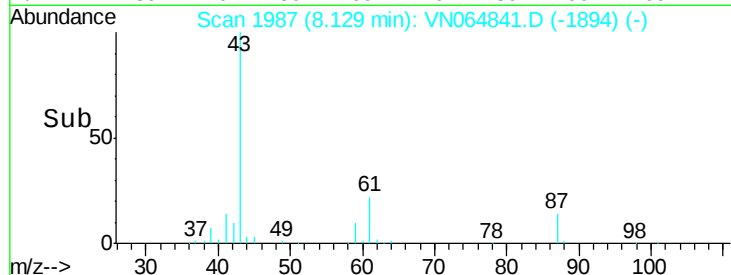
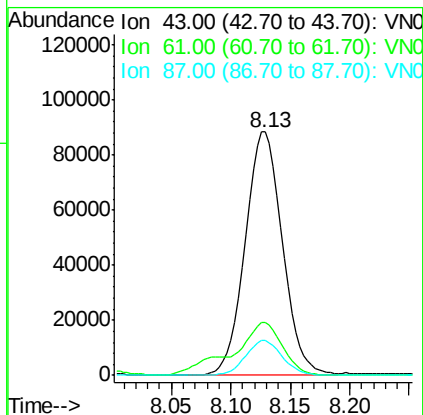
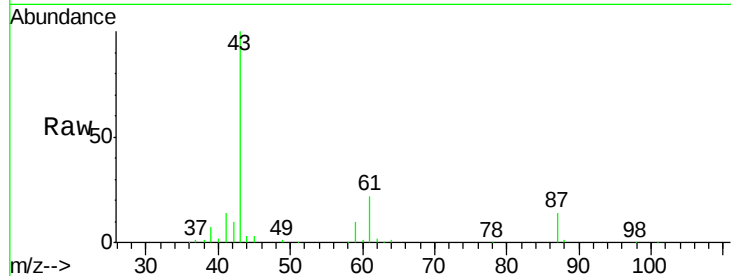


#43

Isopropyl Acetate
 Concen: 44.925 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN064841.D
 Acq: 25 Nov 2020 4:18

Instrument :
 MSVOA_N
 ClientSampleId :
 56BR-20201118MS

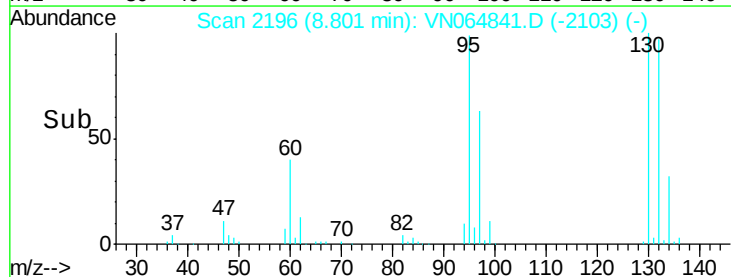
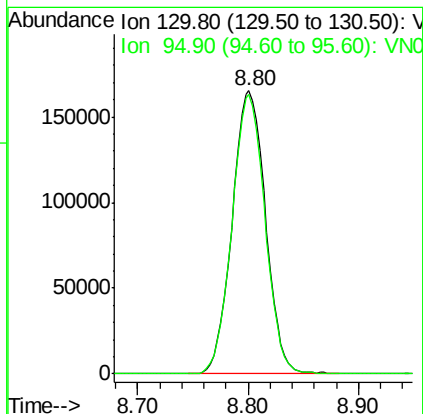
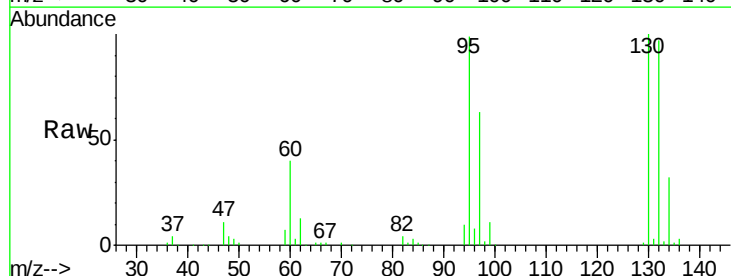
Tot Ion: 43 Resp: 192445
 Ion Ratio Lower Upper
 43 100
 61 21.8 17.2 25.8
 87 14.0 11.4 17.0

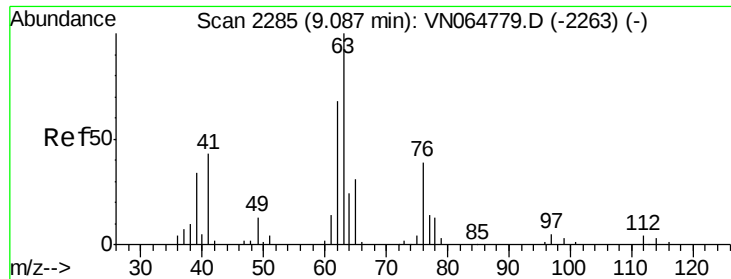


#44

Trichloroethene
 Concen: 138.242 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN064841.D
 Acq: 25 Nov 2020 4:18

Tgt Ion: 130 Resp: 345430
 Ion Ratio Lower Upper
 130 100
 95 98.6 0.0 197.8

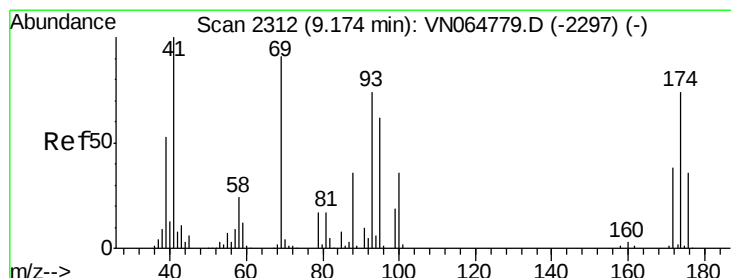
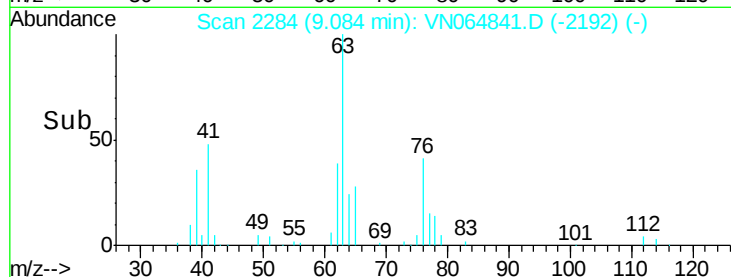
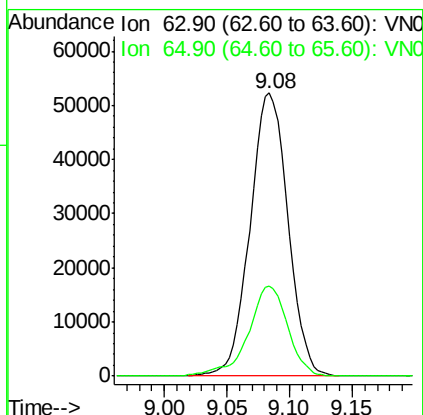
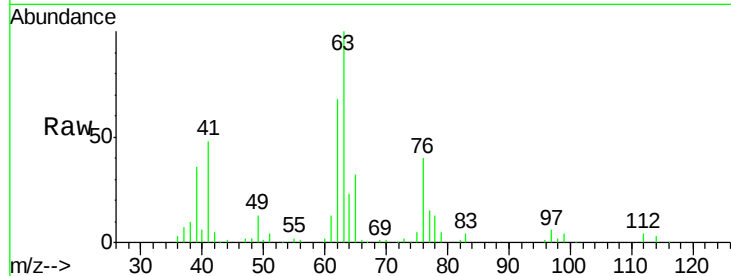




#45
 1,2-Dichloropropane
 Concen: 50.144 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064841.D
 Acq: 25 Nov 2020 4:18

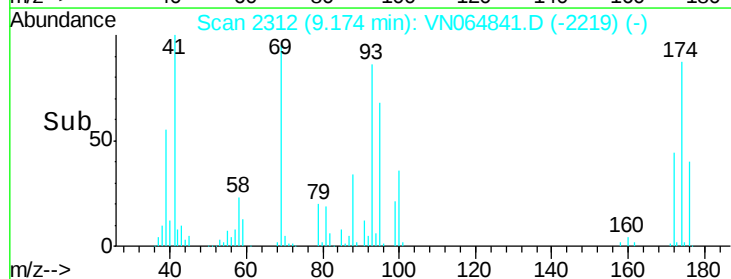
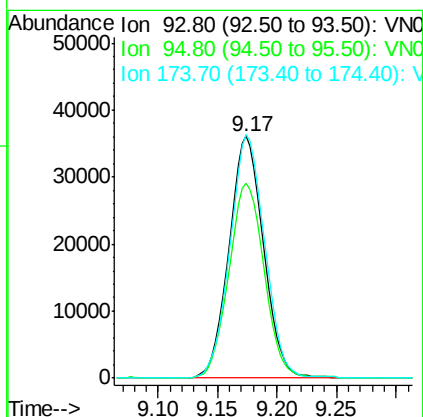
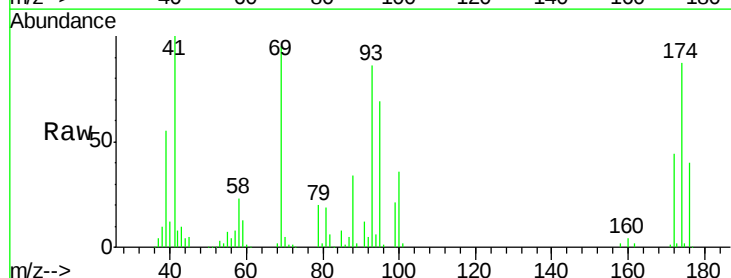
Instrument :
 MSVOA_N
 ClientSampleId :
 56BR-20201118MS

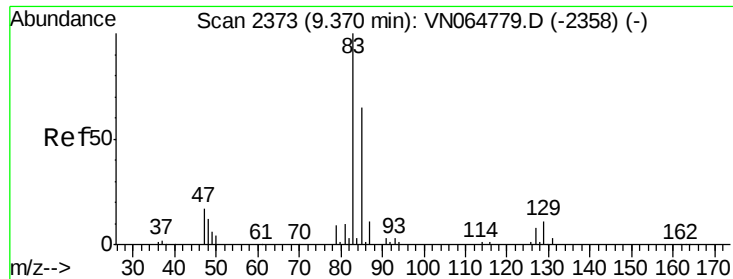
Tot Ion: 63 Resp: 109973
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.0 37.4



#46
 Dibromomethane
 Concen: 49.453 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064841.D
 Acq: 25 Nov 2020 4:18

Tgt Ion: 93 Resp: 72457
 Ion Ratio Lower Upper
 93 100
 95 82.7 68.8 103.2
 174 101.5 83.1 124.7





#47

Bromodichloromethane

Concen: 48.557 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

Instrument :

MSVOA_N

ClientSampleId :

56BR-20201118MS

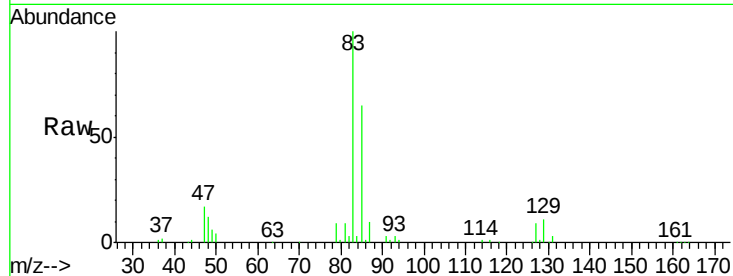
Tot Ion: 83 Resp: 143150

Ion Ratio Lower Upper

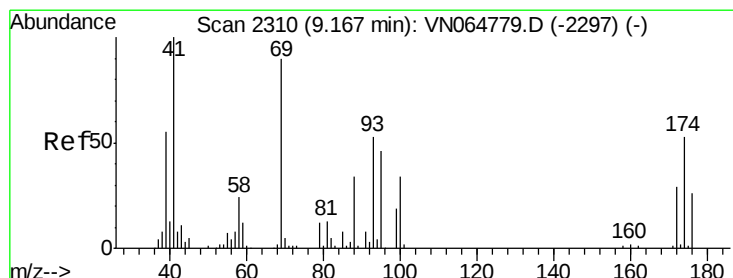
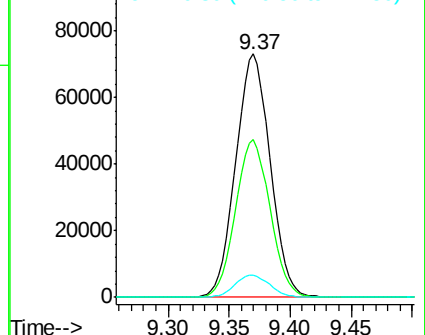
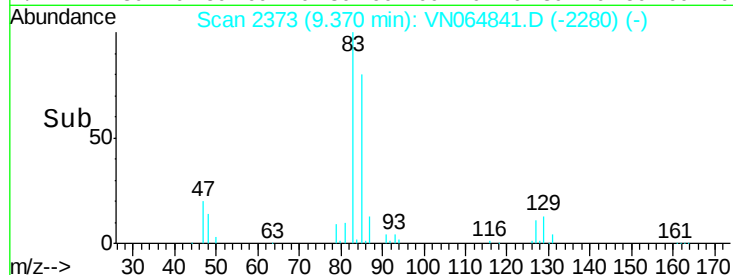
83 100

85 64.6 51.8 77.8

127 9.2 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN064841.D (-2280) (-)



#48

Methyl methacrylate

Concen: 46.406 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

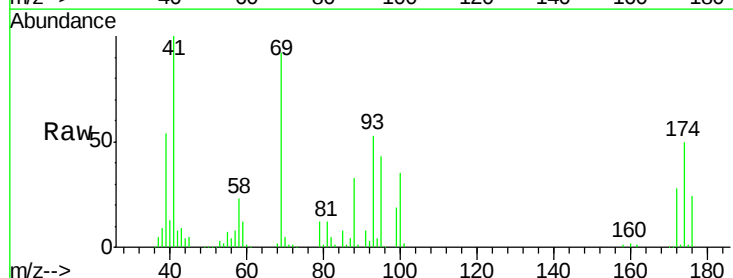
Tgt Ion: 41 Resp: 94989

Ion Ratio Lower Upper

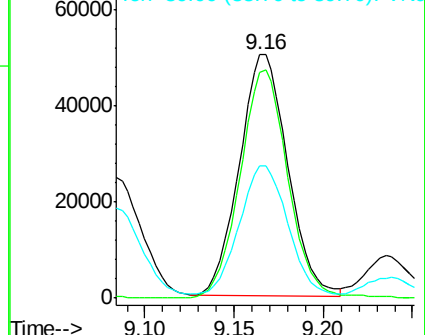
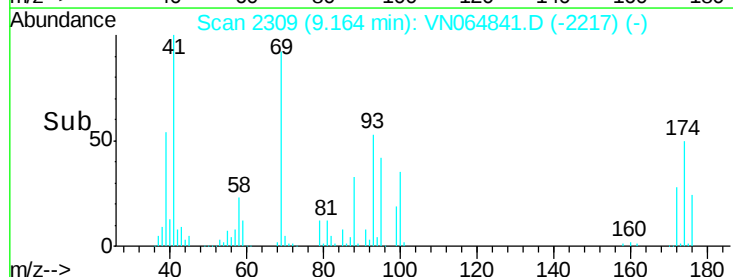
41 100

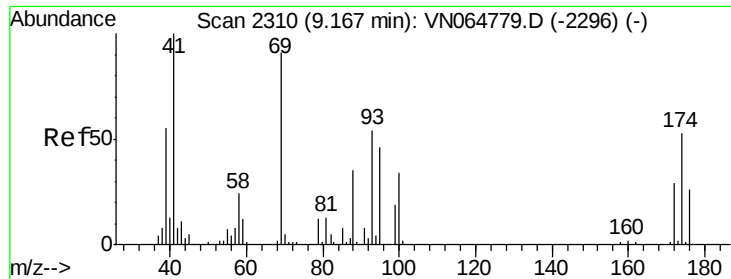
69 93.9 71.8 107.8

39 56.6 44.1 66.1



Abundance Ion 41.00 (40.70 to 41.70): VN064841.D (-2217) (-)

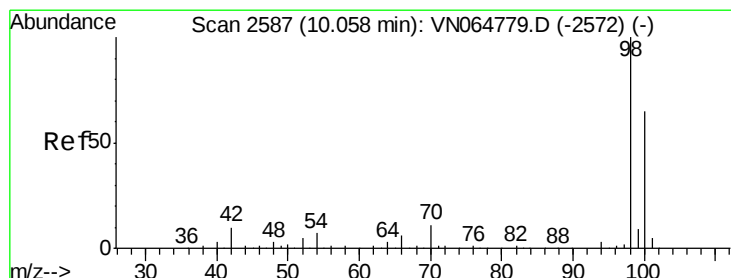
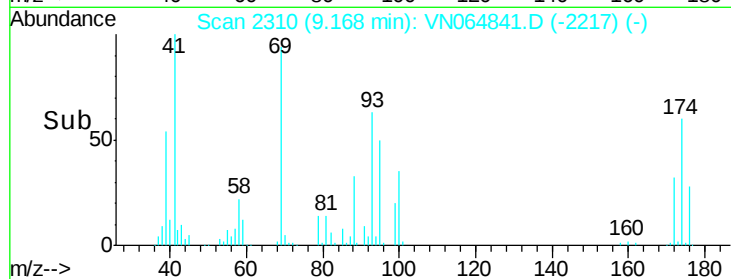
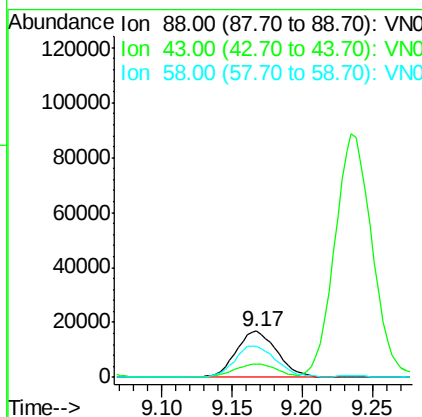
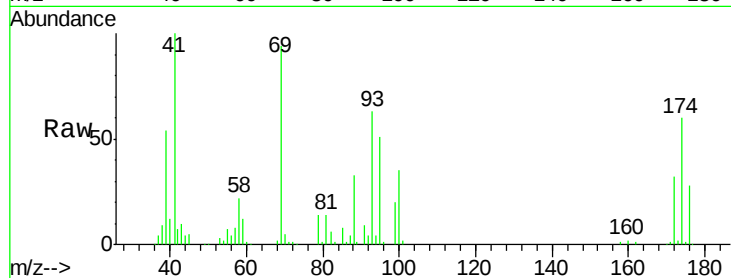




#49
 1,4-Dioxane
 Concen: 895.626 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064841.D
 Acq: 25 Nov 2020 4:18

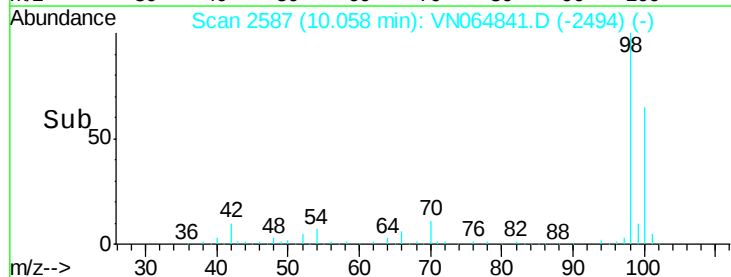
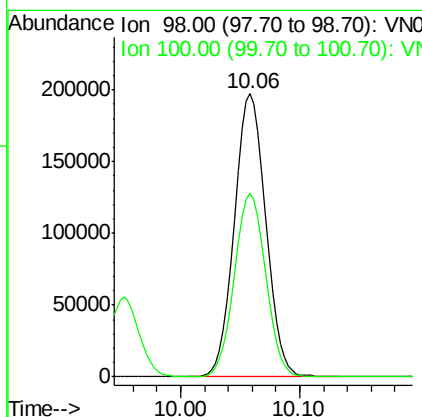
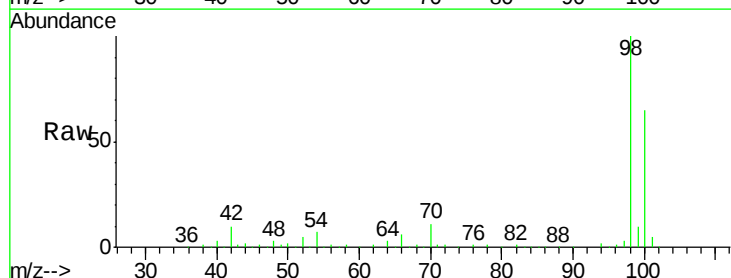
Instrument :
 MSVOA_N
 ClientSampleId :
 56BR-20201118MS

Tot Ion: 88 Resp: 34649
 Ion Ratio Lower Upper
 88 100
 43 28.3 24.2 36.4
 58 68.3 52.5 78.7



#50
 Toluene-d8
 Concen: 49.581 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064841.D
 Acq: 25 Nov 2020 4:18

Tgt Ion: 98 Resp: 361426
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 235.438 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

Instrument :

MSVOA_N

ClientSampleId :

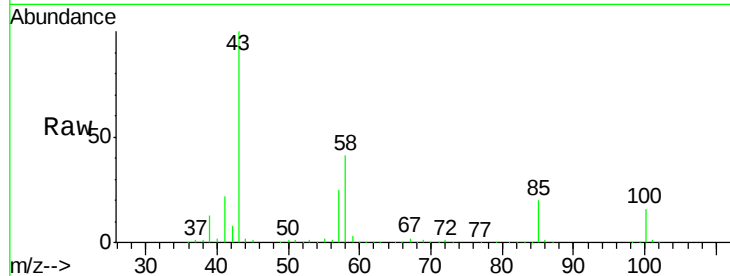
56BR-20201118MS

Tot Ion: 43 Resp: 605476

Ion Ratio Lower Upper

43 100

58 40.4 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-2534) (-)

9.95

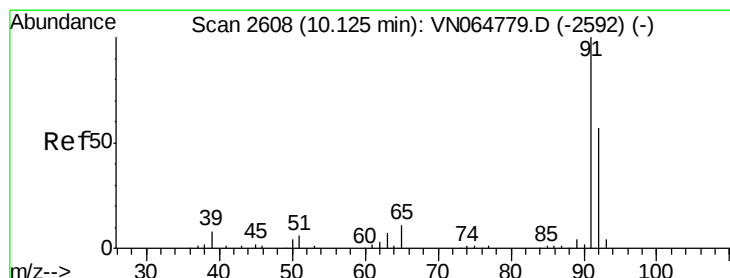
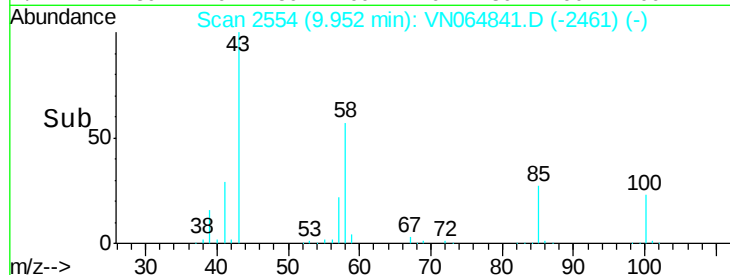
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 49.881 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064841.D

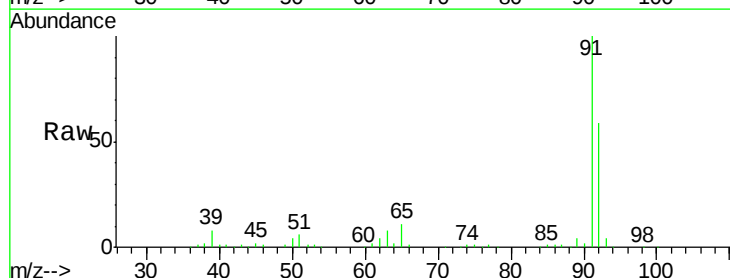
Acq: 25 Nov 2020 4:18

Tgt Ion: 92 Resp: 260152

Ion Ratio Lower Upper

92 100

91 172.0 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064779.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064779.D (-2592) (-)

10.12

250000

200000

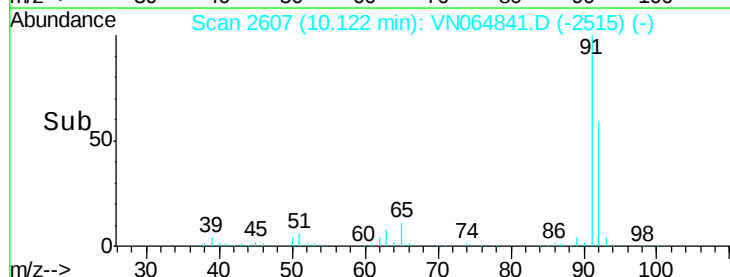
150000

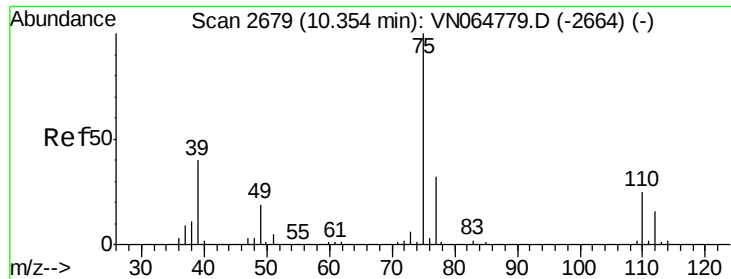
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 46.080 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

Instrument :

MSVOA_N

ClientSampleId :

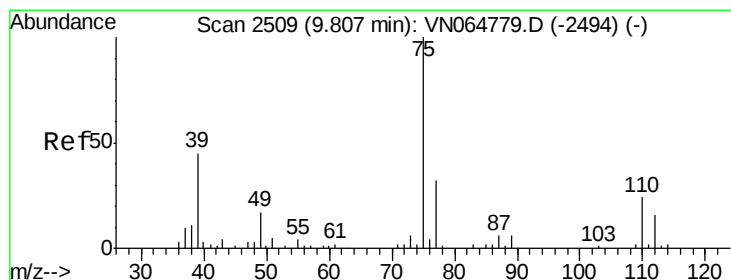
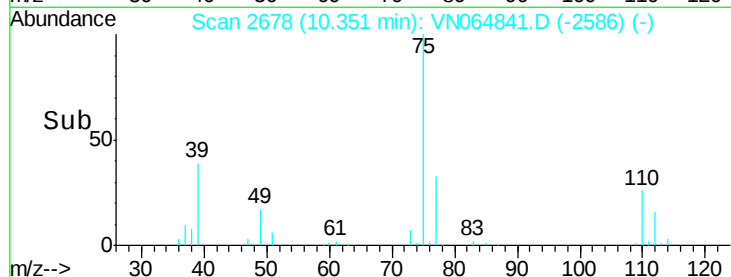
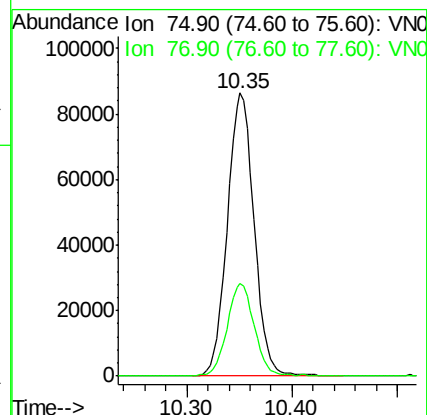
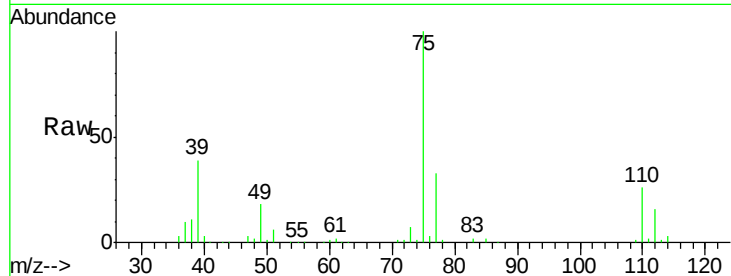
56BR-20201118MS

Tot Ion: 75 Resp: 151307

Ion Ratio Lower Upper

75 100

77 32.8 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 47.433 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

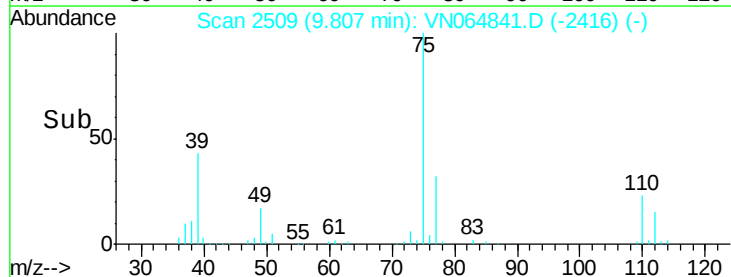
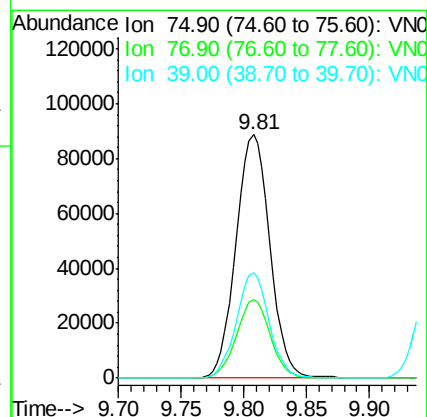
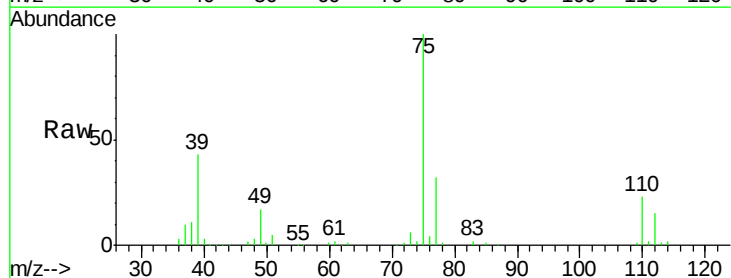
Tgt Ion: 75 Resp: 166944

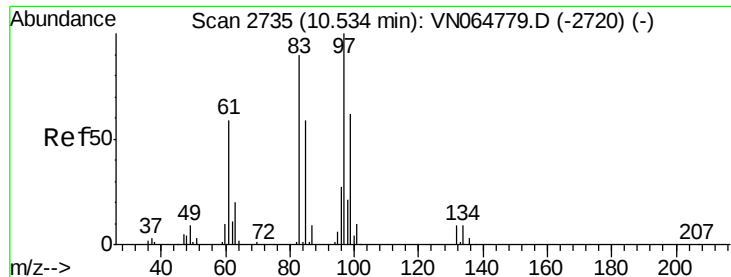
Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3

39 43.1 35.6 53.4

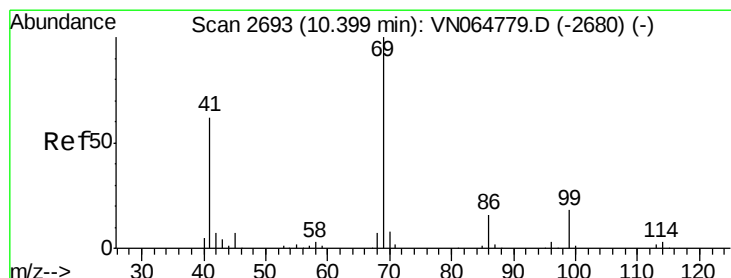
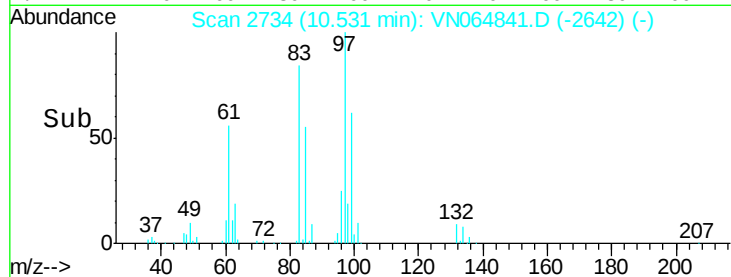
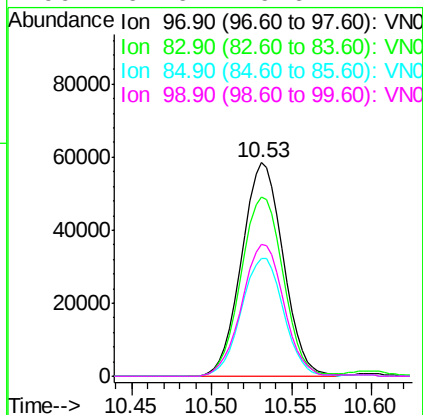
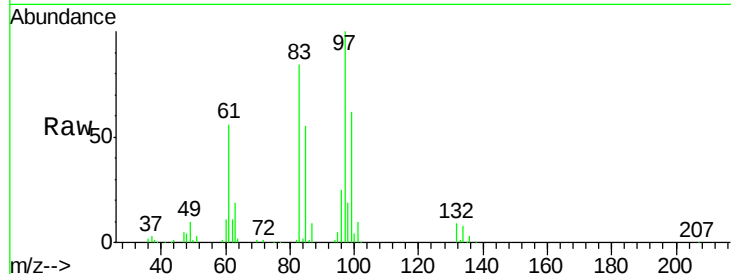




#55
 1,1,2-Trichloroethane
 Concen: 48.505 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064841.D
 Acq: 25 Nov 2020 4:18

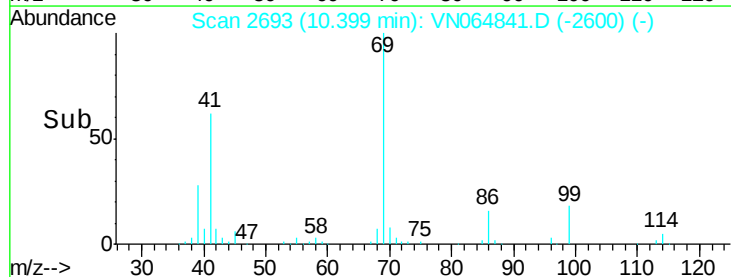
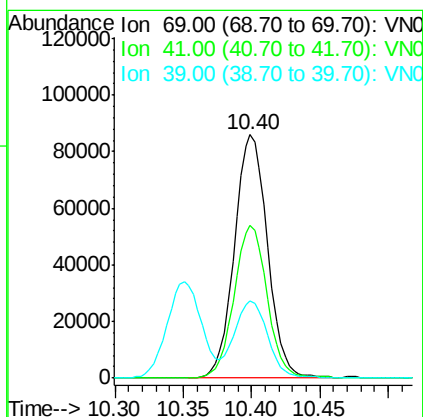
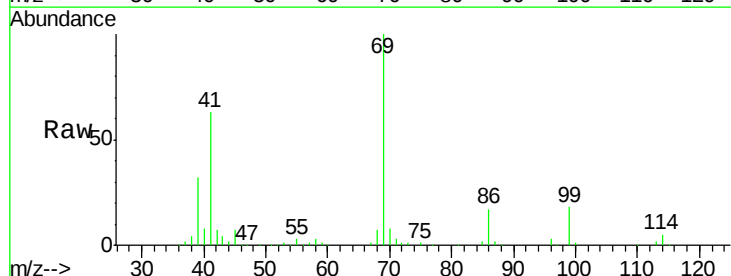
Instrument :
 MSVOA_N
 ClientSampleId :
 56BR-20201118MS

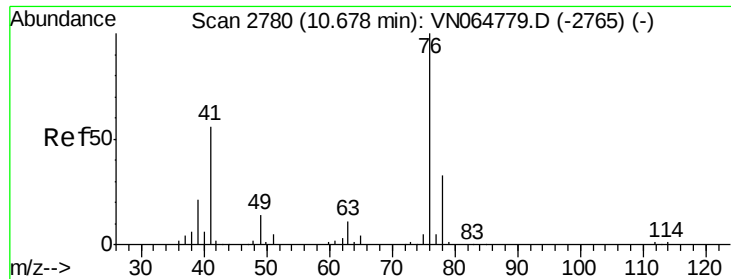
Tot Ion: 97 Resp: 104025
 Ion Ratio Lower Upper
 97 100
 83 83.8 72.1 108.1
 85 55.4 46.8 70.2
 99 61.6 49.6 74.4



#56
 Ethyl methacrylate
 Concen: 48.884 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064841.D
 Acq: 25 Nov 2020 4:18

Tgt Ion: 69 Resp: 144674
 Ion Ratio Lower Upper
 69 100
 41 62.2 49.4 74.0
 39 31.5 25.9 38.9

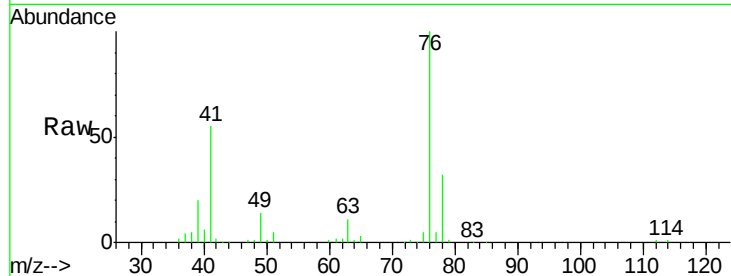




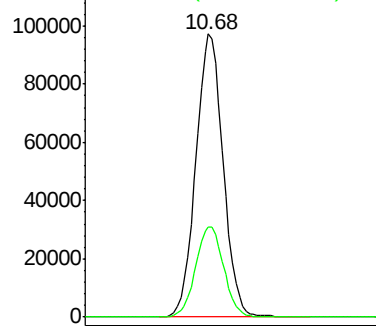
#57
 1,3-Dichloropropane
 Concen: 48.382 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064841.D
 Acq: 25 Nov 2020 4:18

Instrument :
 MSVOA_N
 ClientSampleId :
 56BR-20201118MS

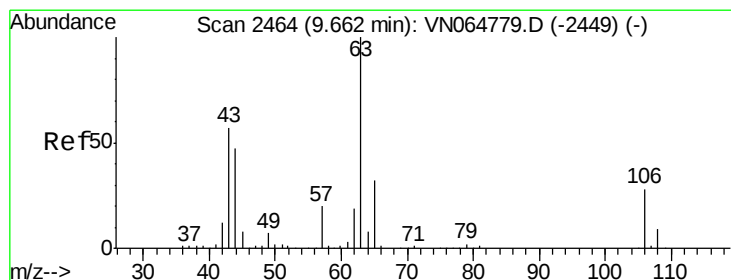
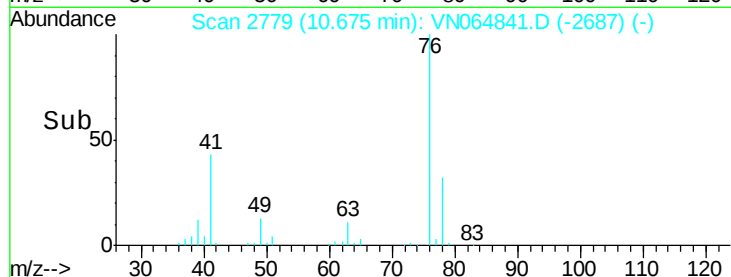
Tot Ion: 76 Resp: 171162
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN0
 Ion 77.90 (77.60 to 78.60): VN0

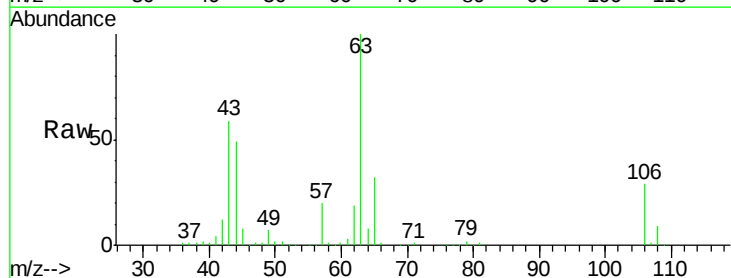


Time-->

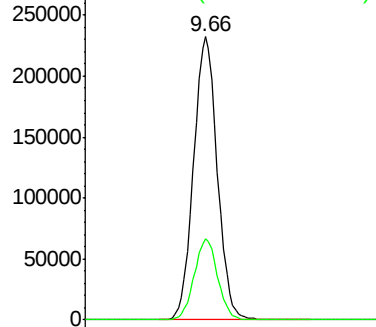


#58
 2-Chloroethyl Vinyl ether
 Concen: 248.178 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064841.D
 Acq: 25 Nov 2020 4:18

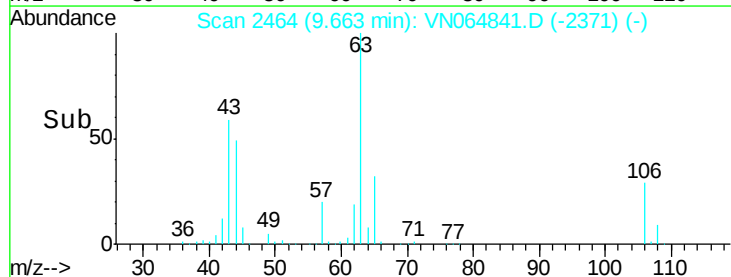
Tgt Ion: 63 Resp: 404019
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.7 34.1

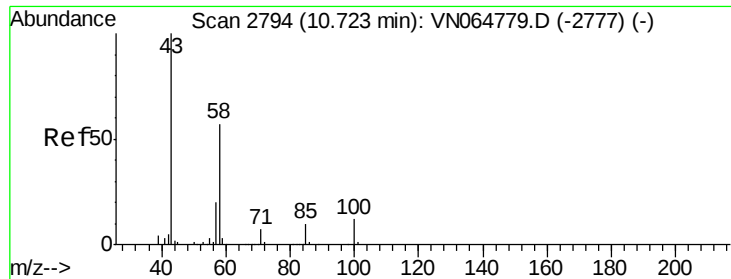


Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 105.90 (105.60 to 106.60): V



Time-->

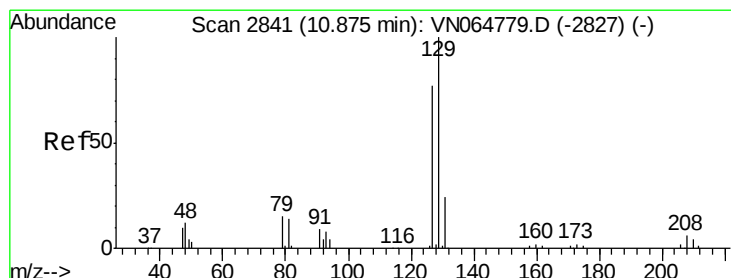
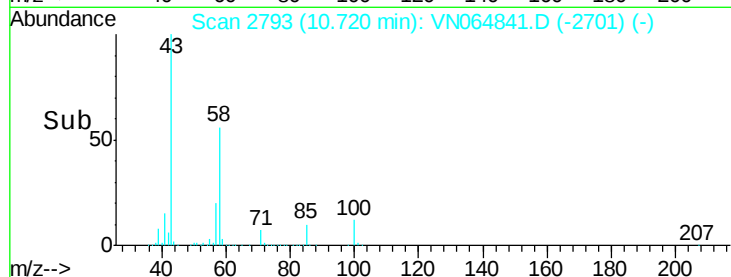
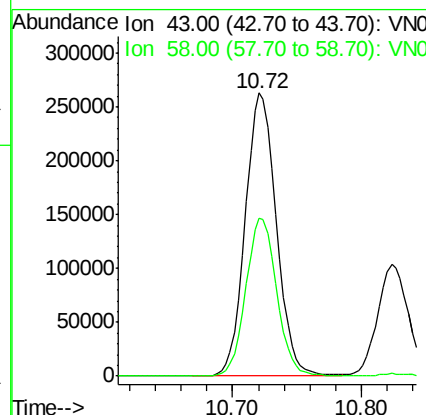
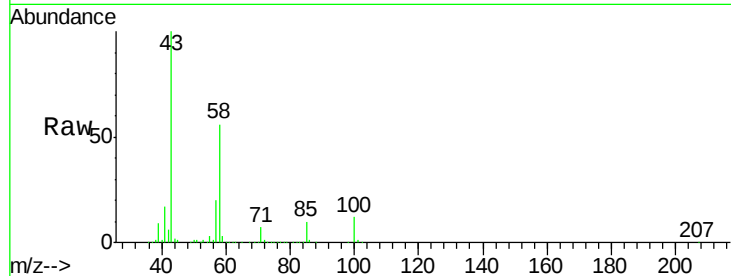




#59
2-Hexanone
Concen: 238.482 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064841.D
Acq: 25 Nov 2020 4:18

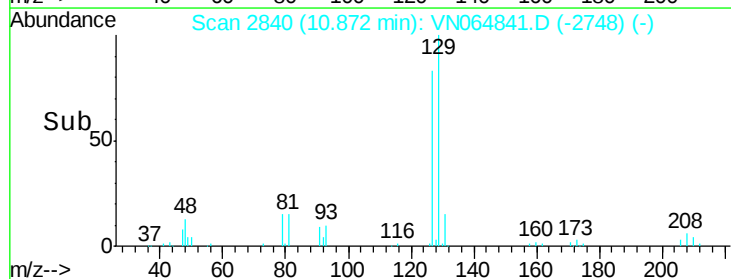
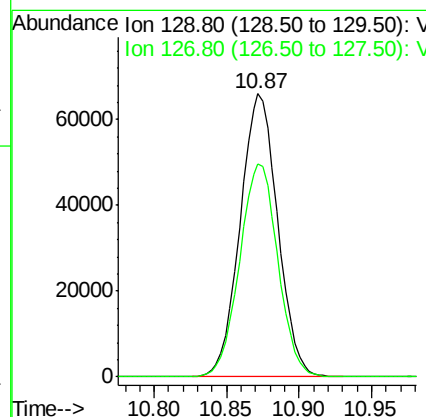
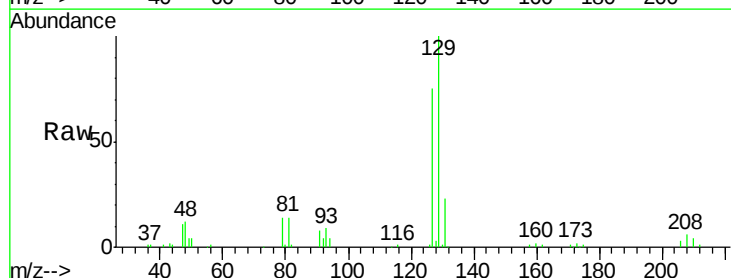
Instrument :
MSVOA_N
ClientSampleId :
56BR-20201118MS

Tot Ion: 43 Resp: 441386
Ion Ratio Lower Upper
43 100
58 55.5 28.3 84.9



#60
Dibromochloromethane
Concen: 49.785 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064841.D
Acq: 25 Nov 2020 4:18

Tgt Ion: 129 Resp: 118685
Ion Ratio Lower Upper
129 100
127 76.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 49.300 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

Instrument :

MSVOA_N

ClientSampleId :

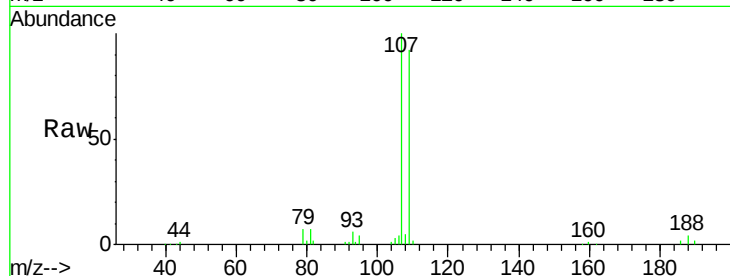
56BR-20201118MS

Tot Ion: 107 Resp: 107420

Ion Ratio Lower Upper

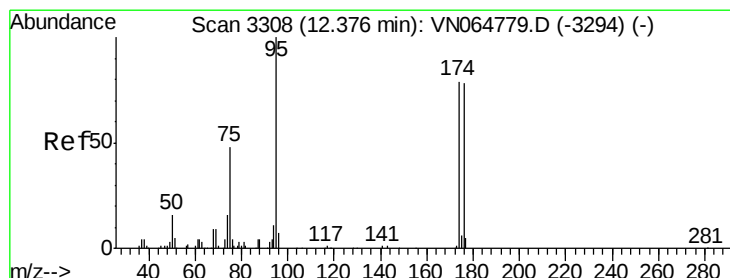
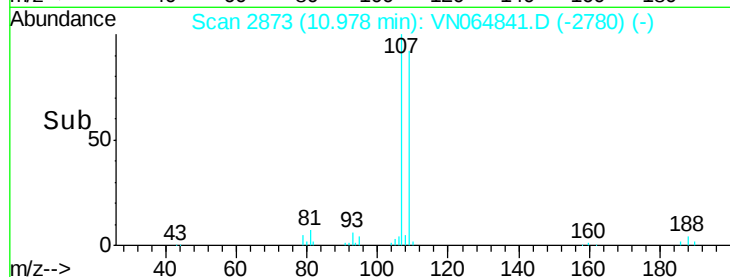
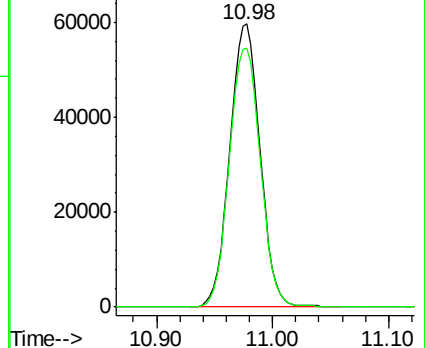
107 100

109 93.8 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.030 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

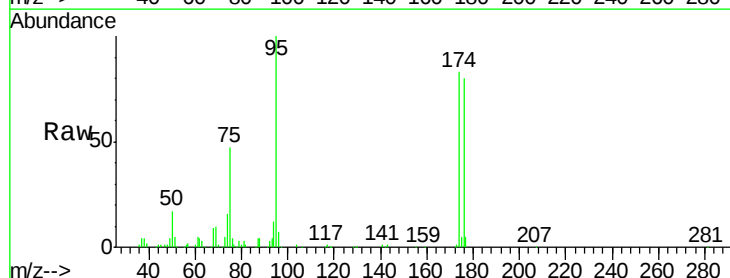
Tgt Ion: 95 Resp: 127912

Ion Ratio Lower Upper

95 100

174 81.5 0.0 160.4

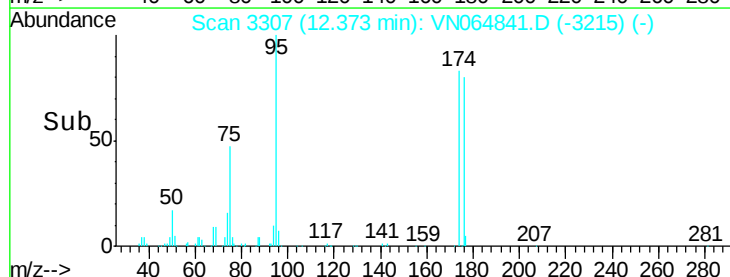
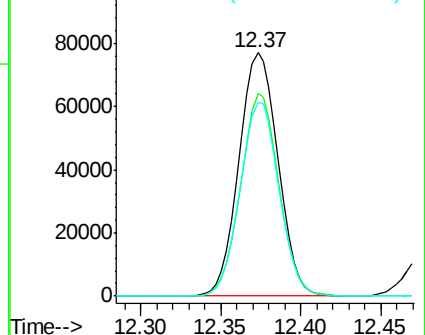
176 79.6 0.0 158.4

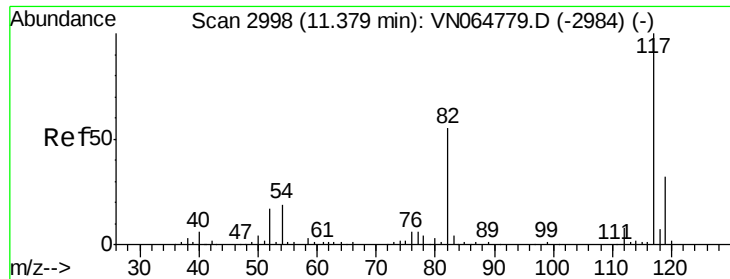


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

Instrument :

MSVOA_N

ClientSampleId :

56BR-20201118MS

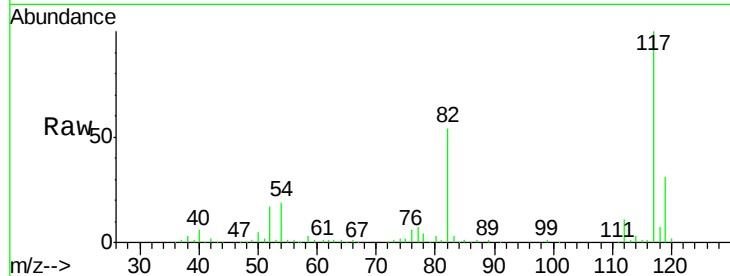
Tot Ion:117 Resp: 277655

Ion Ratio Lower Upper

117 100

82 53.6 44.2 66.2

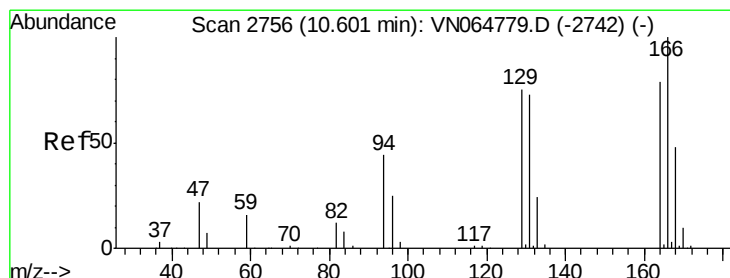
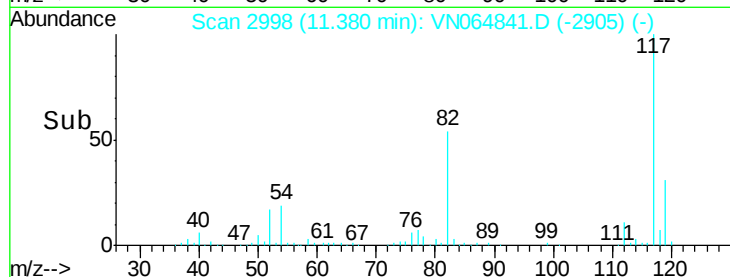
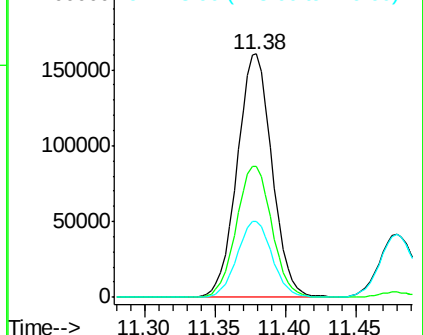
119 31.0 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 42.907 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

Tgt Ion:164 Resp: 115905

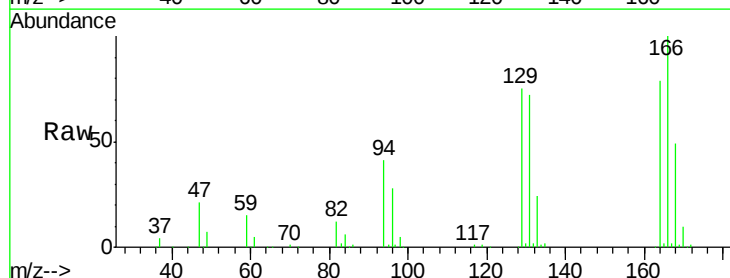
Ion Ratio Lower Upper

164 100

166 126.9 101.4 152.0

129 95.0 76.1 114.1

131 90.9 74.2 111.2

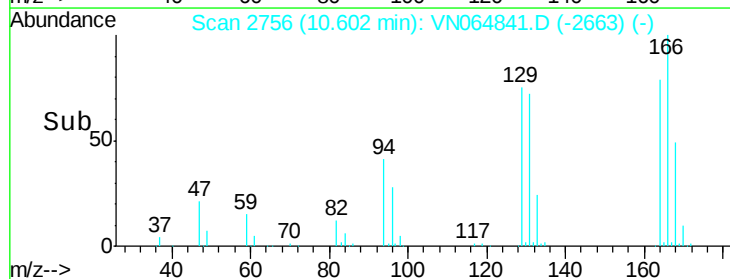
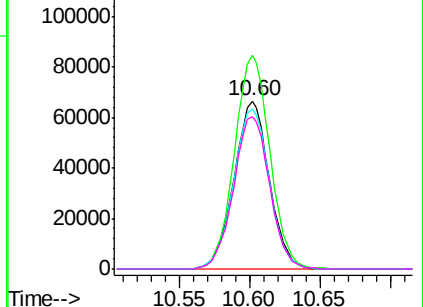


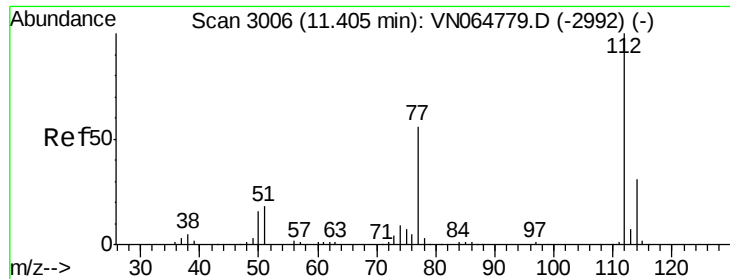
Abundance Ion 163.80 (163.50 to 164.50): V

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: 47.654 ug/l

RT: 11.40 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

Instrument :

MSVOA_N

ClientSampleId :

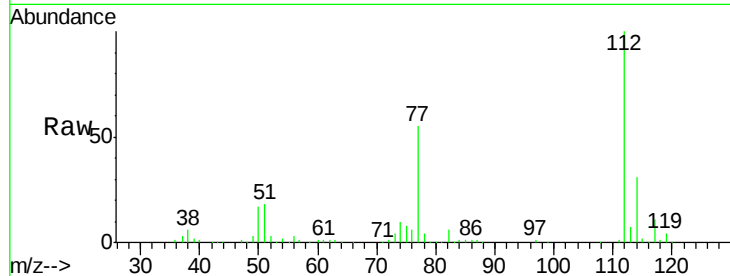
56BR-20201118MS

Tot Ion:112 Resp: 284141

Ion Ratio Lower Upper

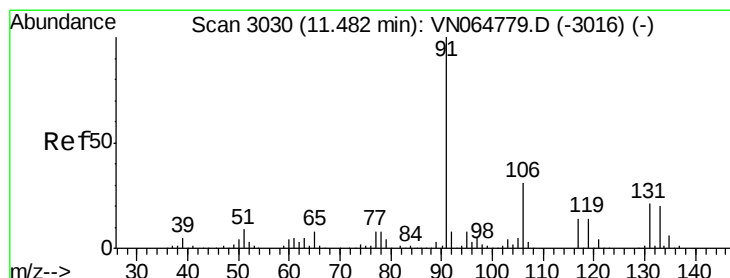
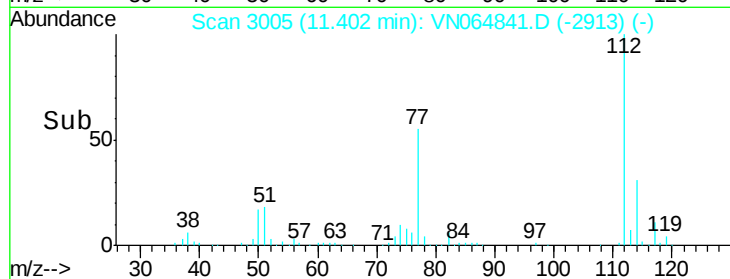
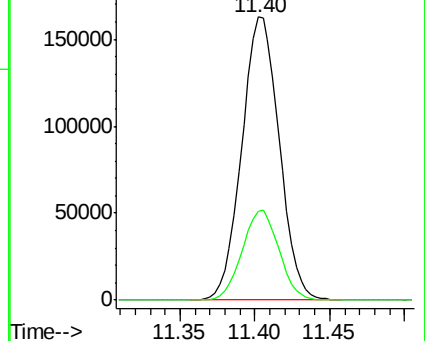
112 100

114 31.4 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.061 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

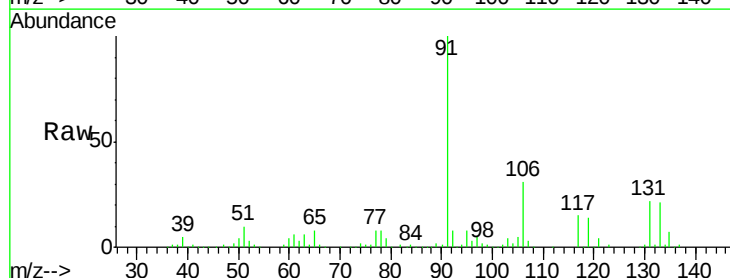
Tgt Ion:131 Resp: 107506

Ion Ratio Lower Upper

131 100

133 96.6 47.5 142.5

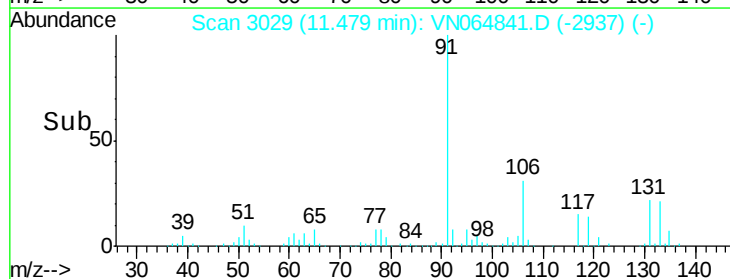
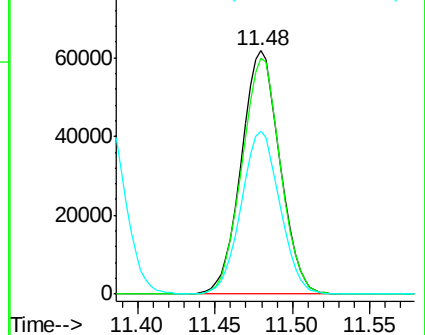
119 67.0 33.3 99.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

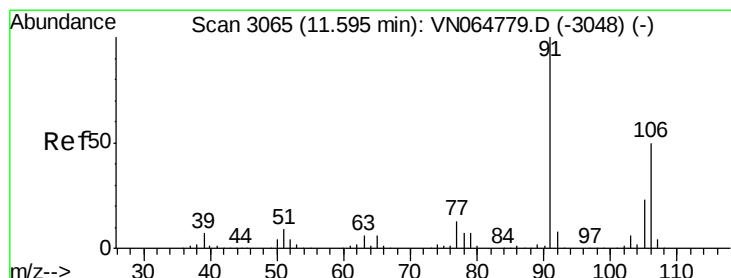
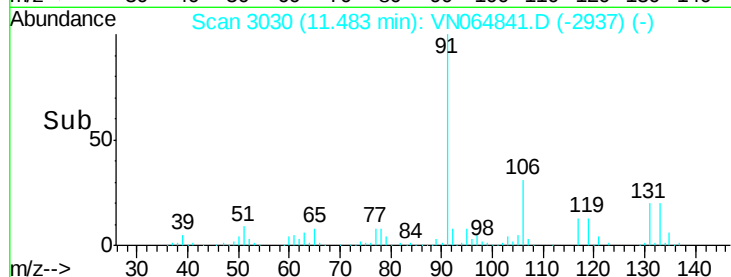
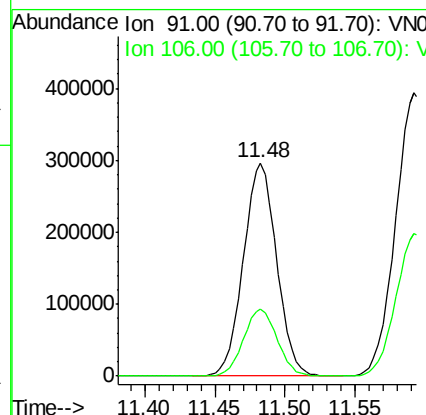
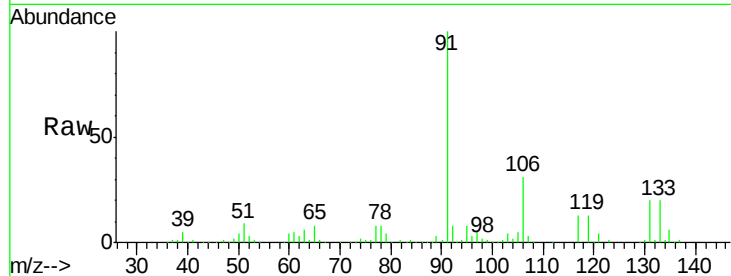




#67
Ethyl Benzene
Concen: 49.162 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064841.D
Acq: 25 Nov 2020 4:18

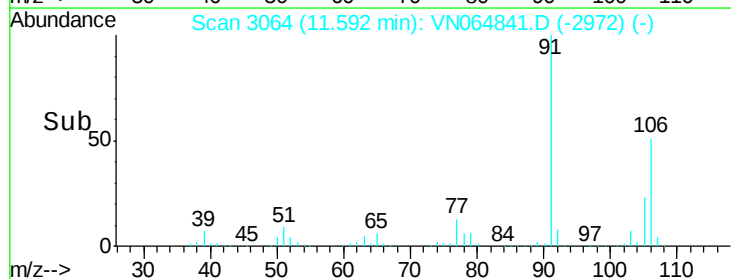
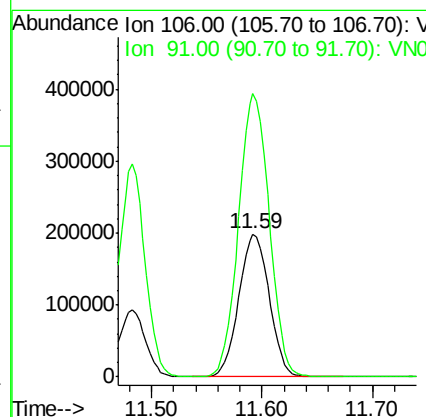
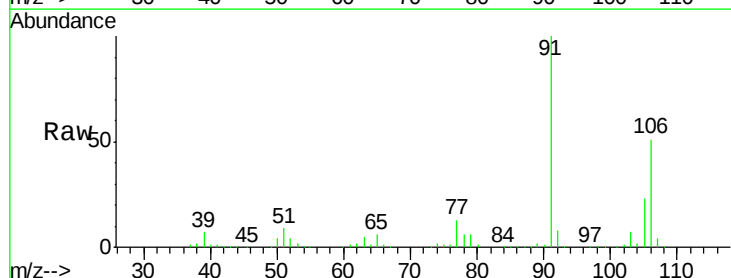
Instrument :
MSVOA_N
ClientSampleId :
56BR-20201118MS

Tot Ion: 91 Resp: 489700
Ion Ratio Lower Upper
91 100
106 31.2 25.2 37.8



#68
m/p-Xylenes
Concen: 100.537 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064841.D
Acq: 25 Nov 2020 4:18

Tgt Ion: 106 Resp: 379152
Ion Ratio Lower Upper
106 100
91 199.1 161.0 241.4

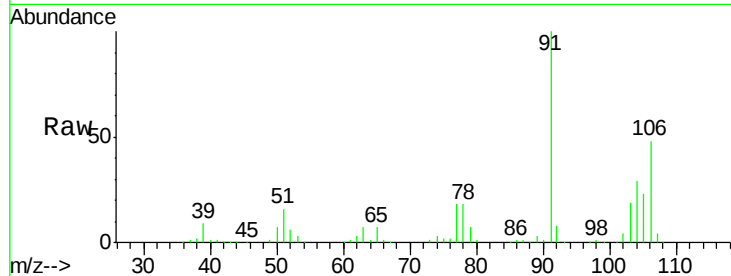




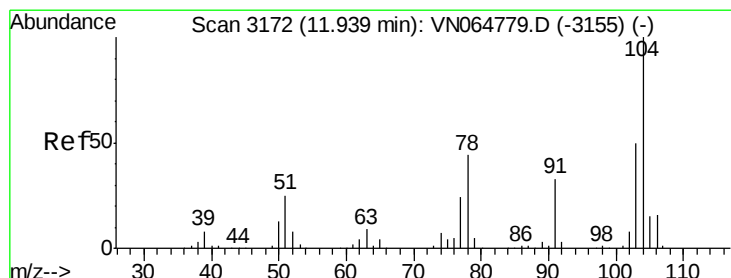
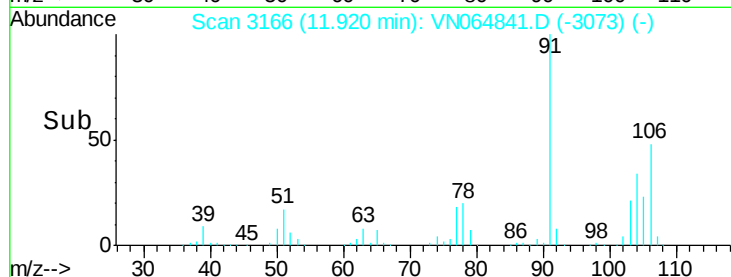
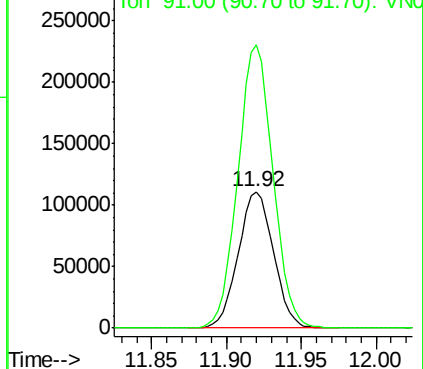
#69
o-Xylene
Concen: 51.082 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064841.D
Acq: 25 Nov 2020 4:18

Instrument :
MSVOA_N
ClientSampleId :
56BR-20201118MS

Tot Ion:106 Resp: 182808
Ion Ratio Lower Upper
106 100
91 206.2 105.5 316.5

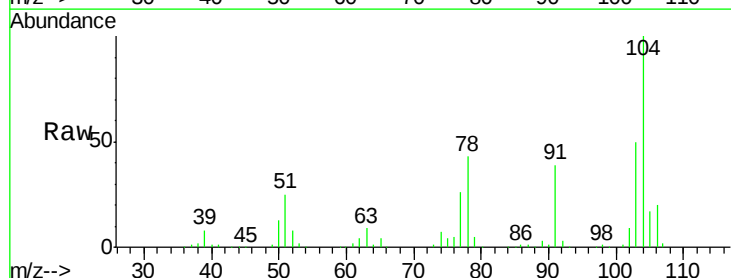


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

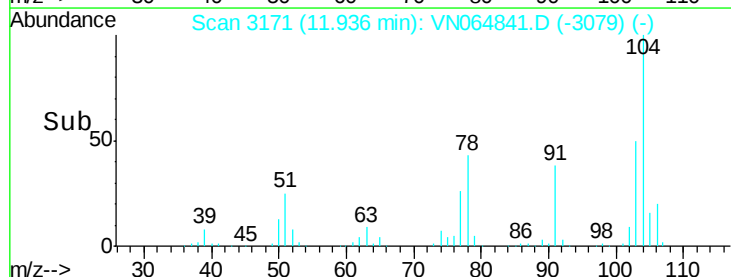
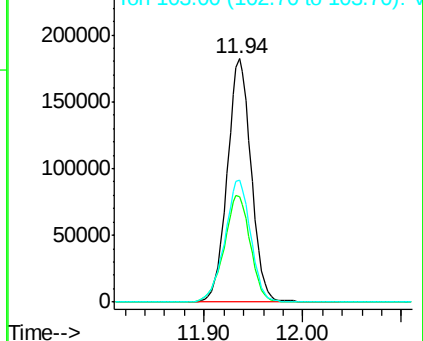


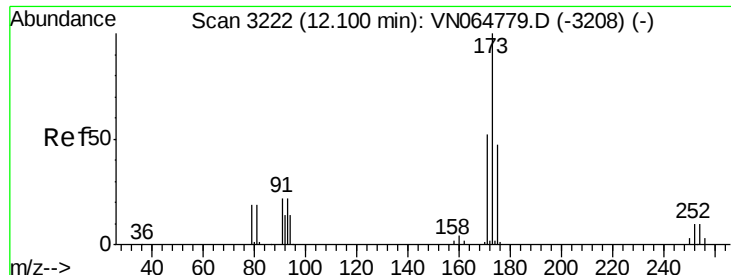
#70
Styrene
Concen: 51.138 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064841.D
Acq: 25 Nov 2020 4:18

Tgt Ion:104 Resp: 308950
Ion Ratio Lower Upper
104 100
78 48.2 39.0 58.6
103 54.2 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 46.486 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

Instrument :

MSVOA_N

ClientSampleId :

56BR-20201118MS

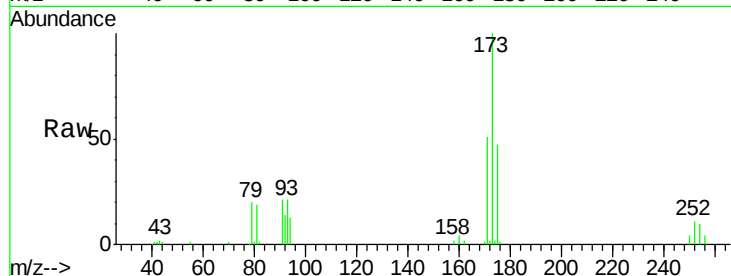
Tot Ion:173 Resp: 81359

Ion Ratio Lower Upper

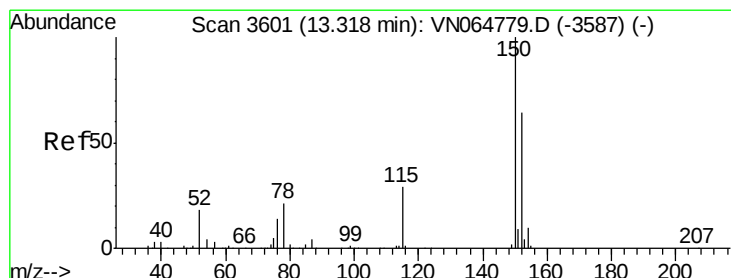
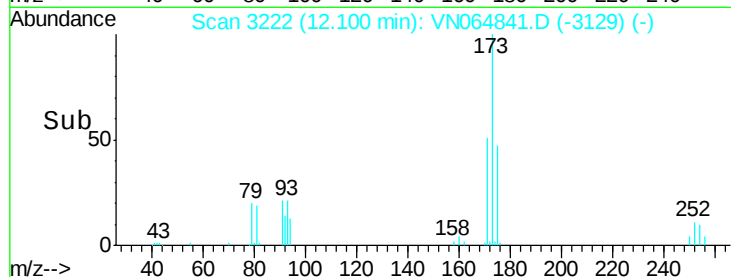
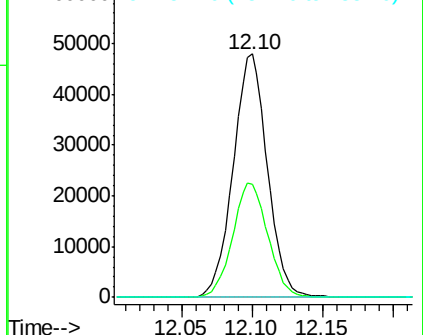
173 100

175 48.2 24.3 72.8

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

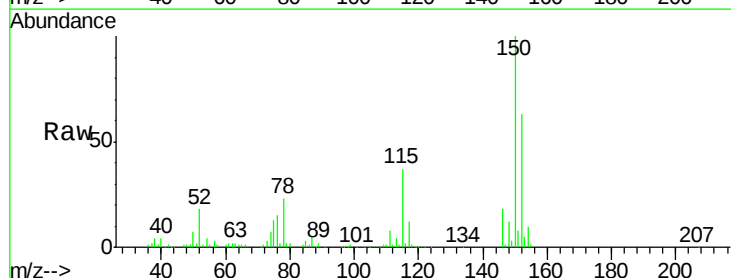
Tgt Ion:152 Resp: 136137

Ion Ratio Lower Upper

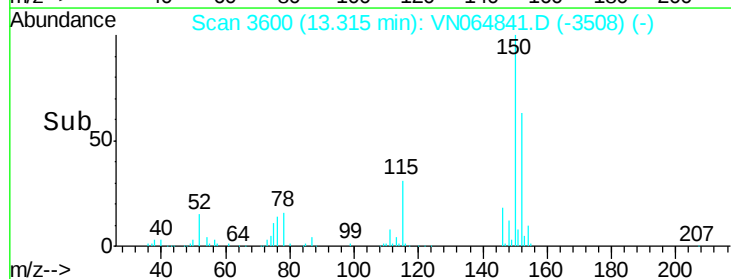
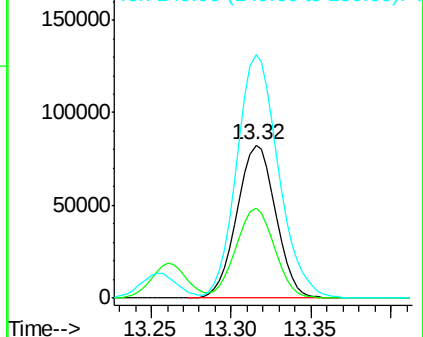
152 100

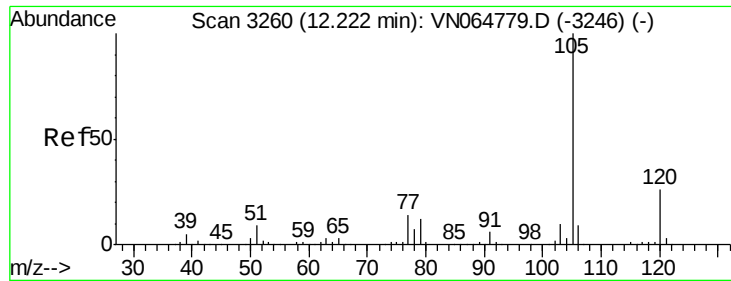
115 58.5 29.7 89.1

150 171.4 0.0 350.6



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: 50.666 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

Instrument :

MSVOA_N

ClientSampleId :

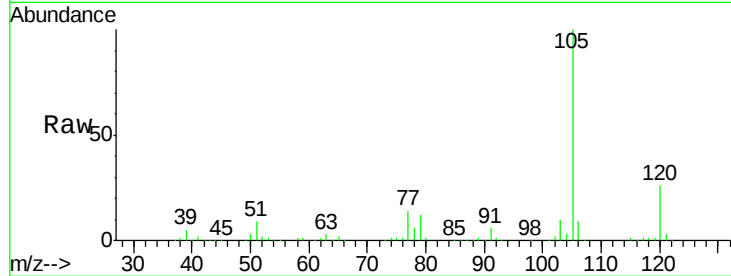
56BR-20201118MS

Tot Ion:105 Resp: 479767

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

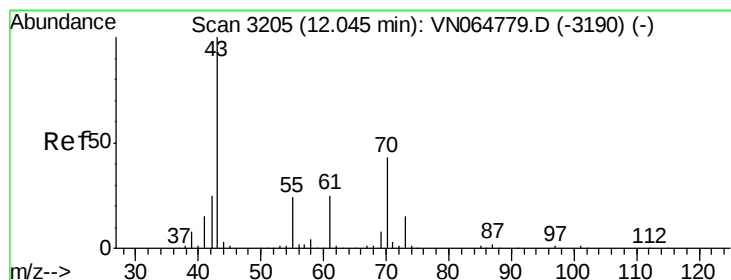
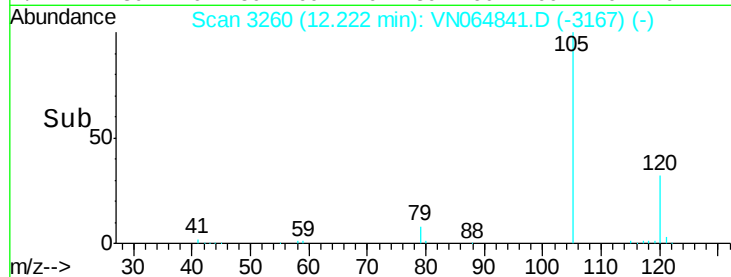
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 45.625 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

Tgt Ion: 43 Resp: 170021

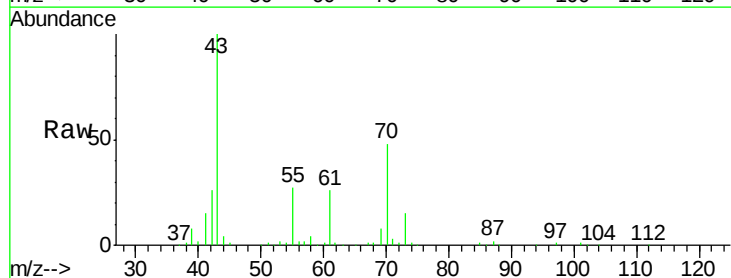
Ion Ratio Lower Upper

43 100

70 46.3 34.5 51.7

55 26.6 20.4 30.6

61 25.8 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.04

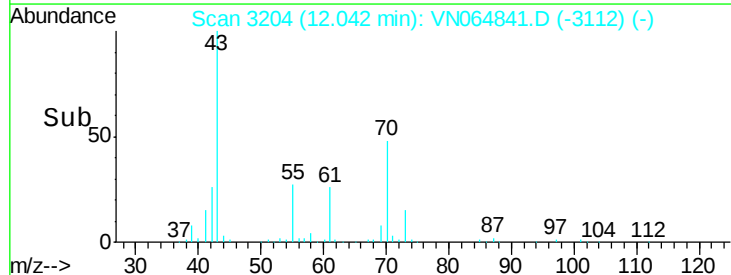
150000

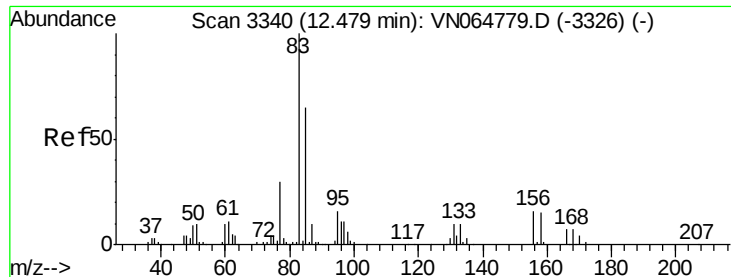
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.490 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

Instrument :

MSVOA_N

ClientSampleId :

56BR-20201118MS

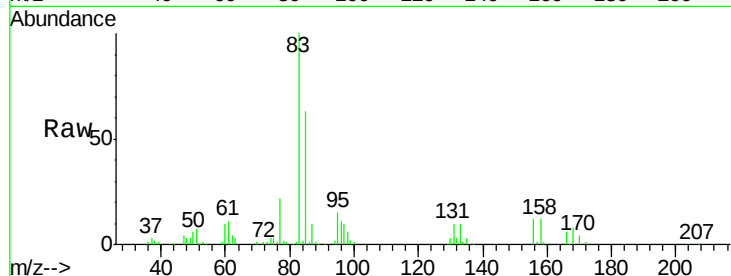
Tot Ion: 83 Resp: 134584

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

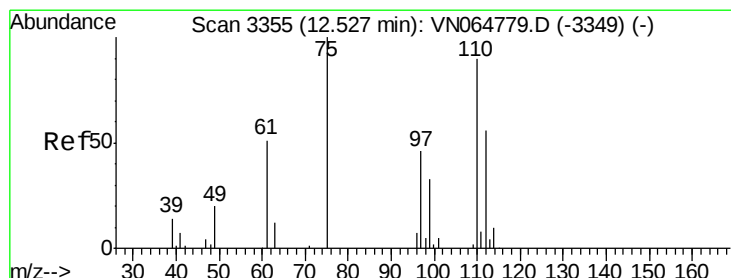
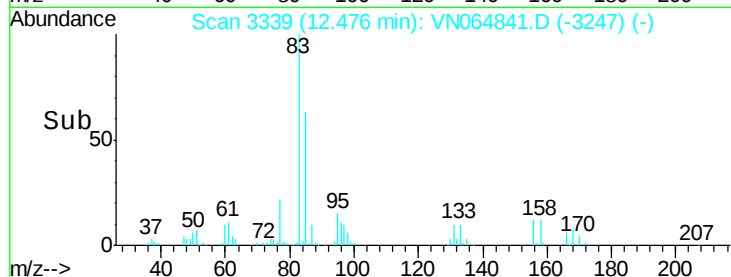
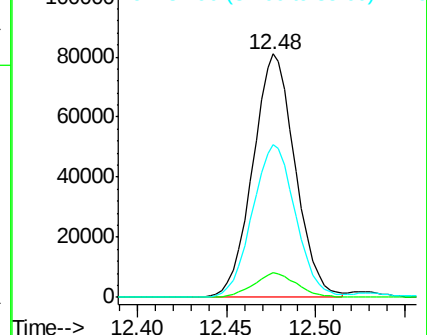
85 63.8 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 62.222 ug/l

RT: 12.52 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN064841.D

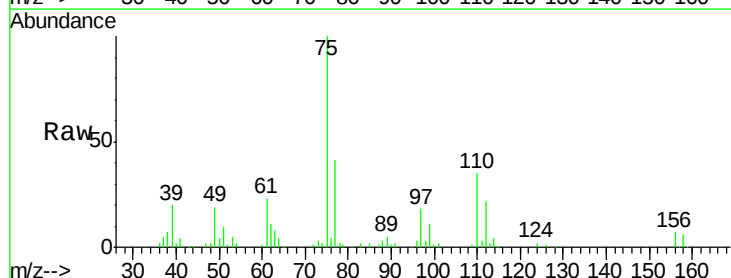
Acq: 25 Nov 2020 4:18

Tgt Ion: 75 Resp: 182423

Ion Ratio Lower Upper

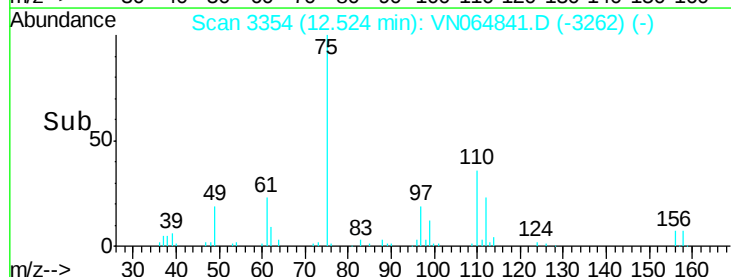
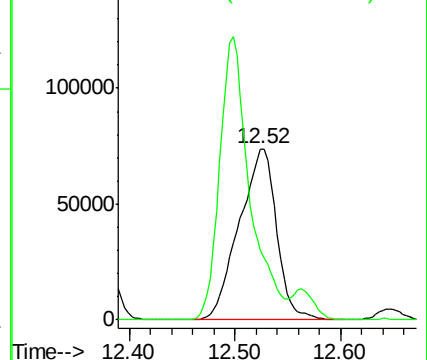
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 47.828 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

Instrument :

MSVOA_N

ClientSampleId :

56BR-20201118MS

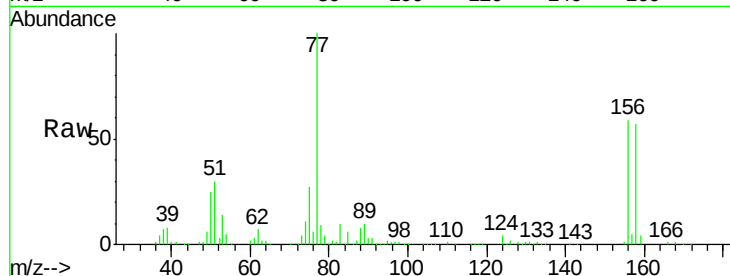
Tot Ion:156 Resp: 122101

Ion Ratio Lower Upper

156 100

77 198.9 101.3 303.7

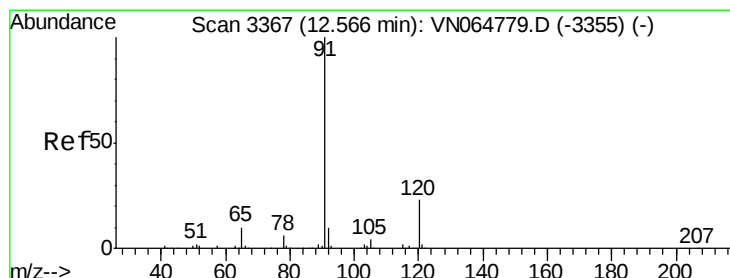
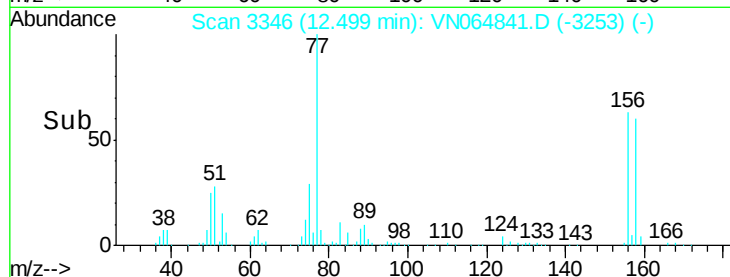
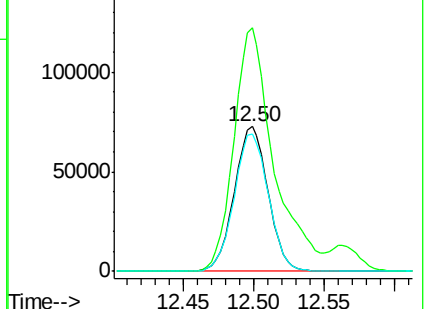
158 96.3 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.898 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064841.D

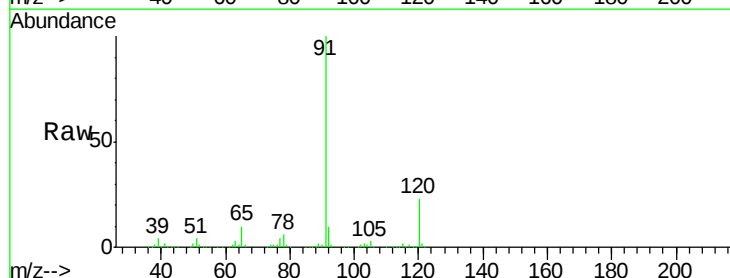
Acq: 25 Nov 2020 4:18

Tgt Ion: 91 Resp: 538267

Ion Ratio Lower Upper

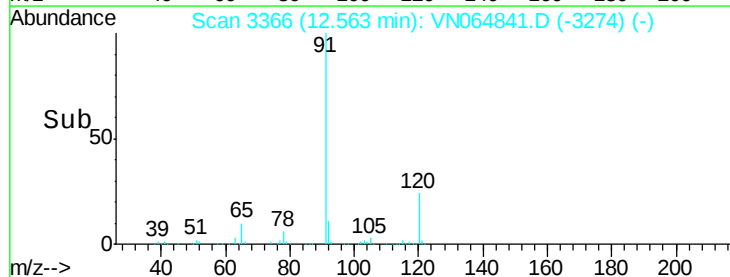
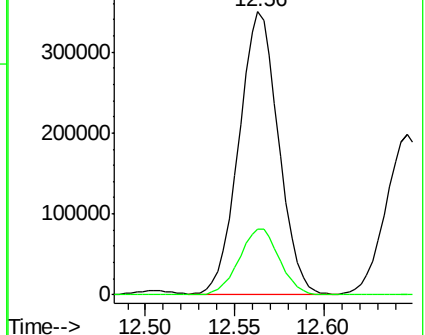
91 100

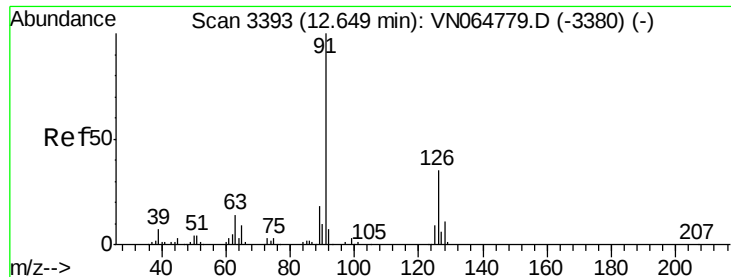
120 23.9 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.185 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

Instrument :

MSVOA_N

ClientSampleId :

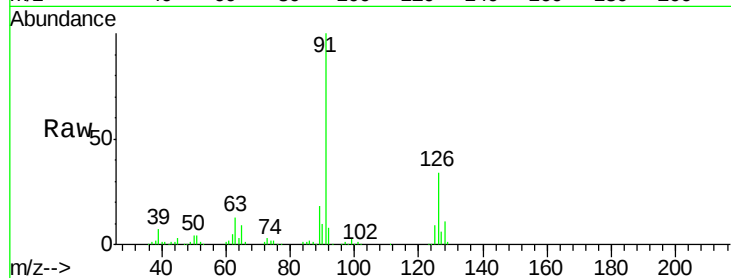
56BR-20201118MS

Tot Ion: 91 Resp: 321308

Ion Ratio Lower Upper

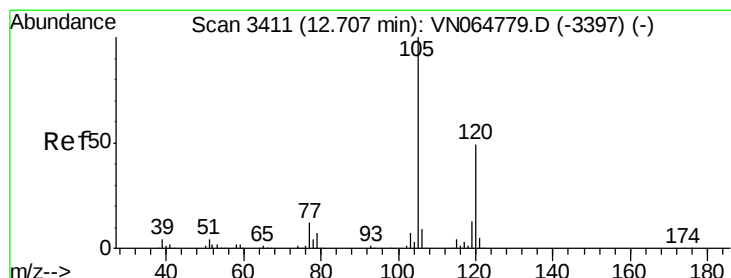
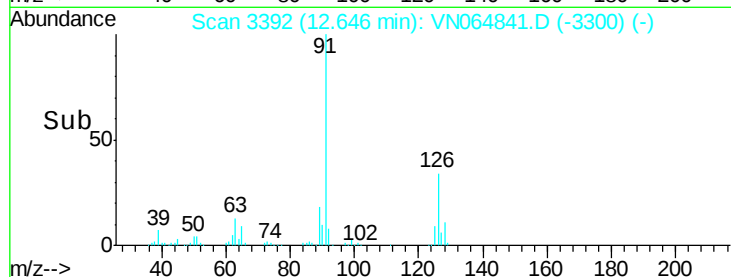
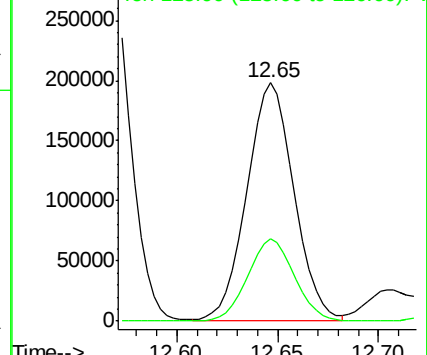
91 100

126 34.6 17.2 51.6



Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064779.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.019 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064841.D

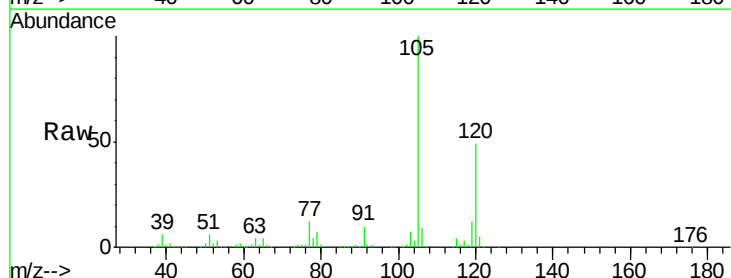
Acq: 25 Nov 2020 4:18

Tgt Ion: 105 Resp: 409428

Ion Ratio Lower Upper

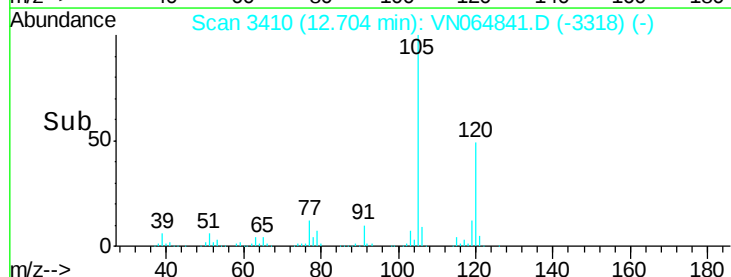
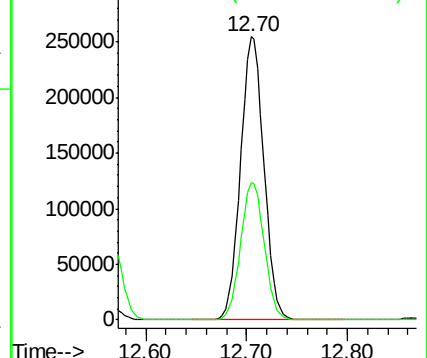
105 100

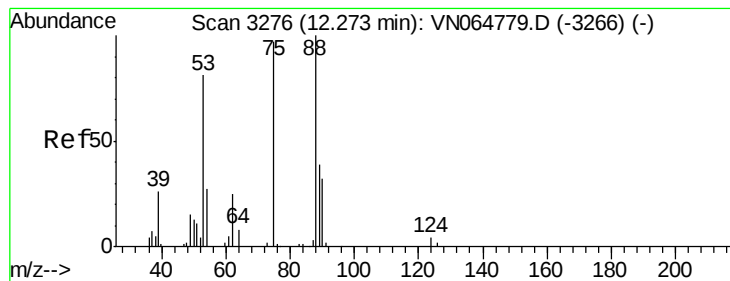
120 48.9 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN064779.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN064779.D (-3397) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 41.977 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

Instrument :

MSVOA_N

ClientSampleId :

56BR-20201118MS

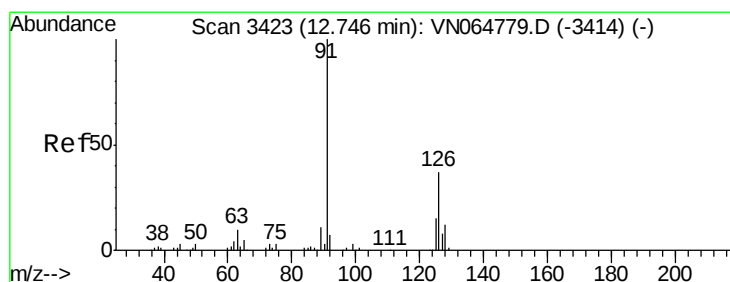
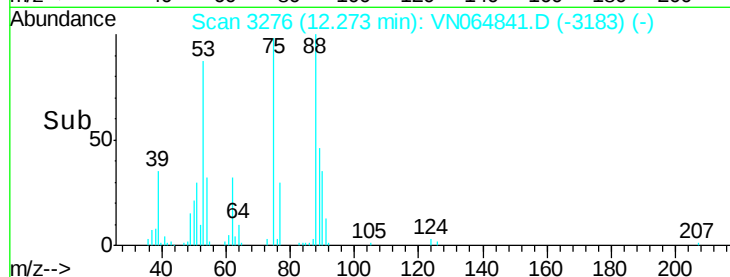
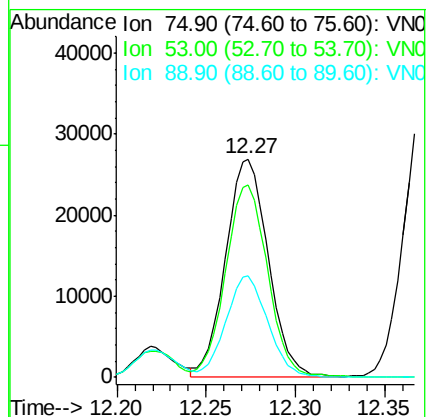
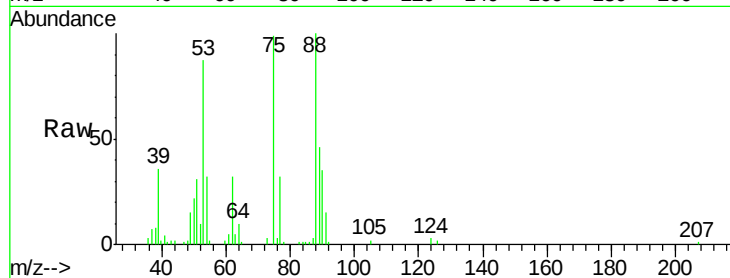
Tot Ion: 75 Resp: 44903

Ion Ratio Lower Upper

75 100

53 87.0 67.0 100.4

89 45.6 39.6 59.4



#82

4-Chlorotoluene

Concen: 47.392 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064841.D

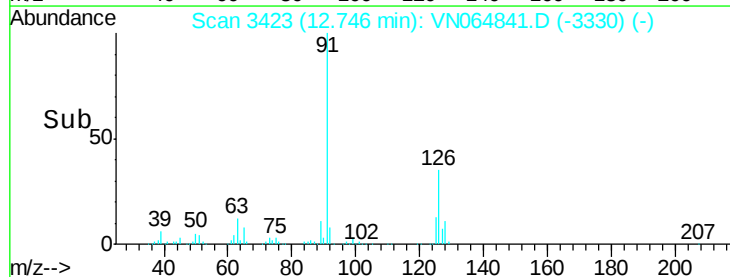
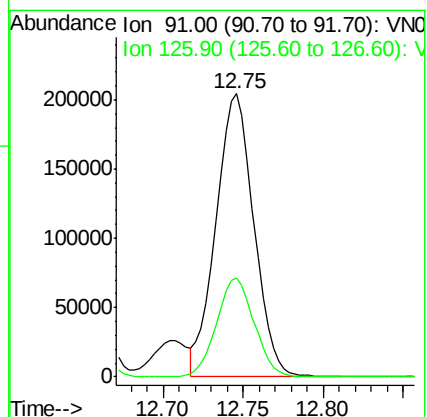
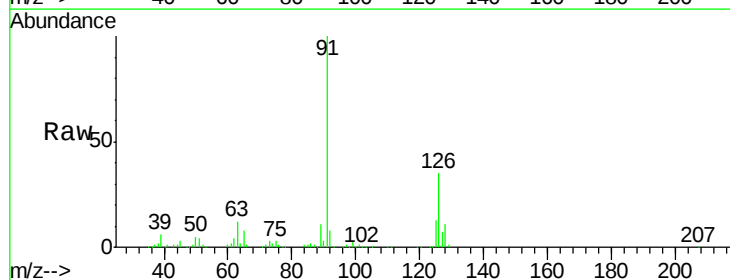
Acq: 25 Nov 2020 4:18

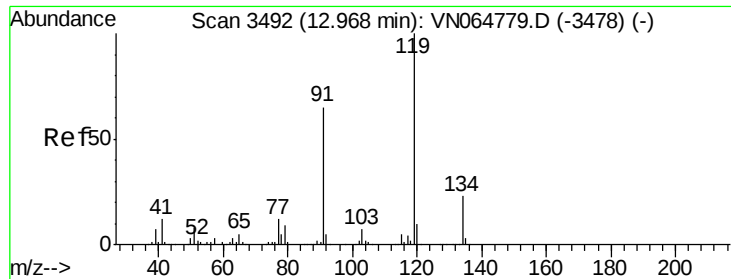
Tgt Ion: 91 Resp: 331246

Ion Ratio Lower Upper

91 100

126 34.8 16.9 50.7

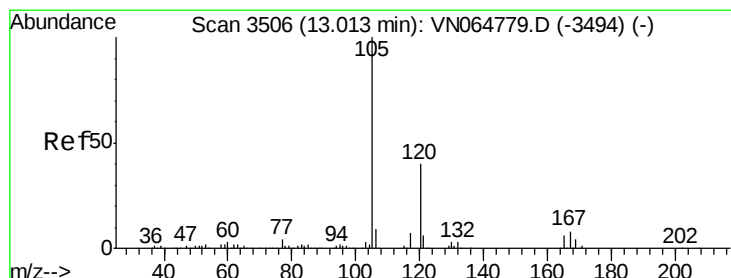
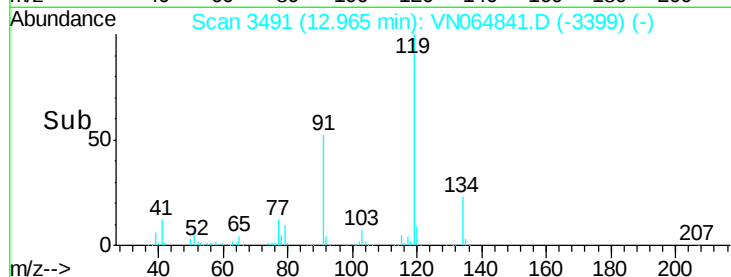
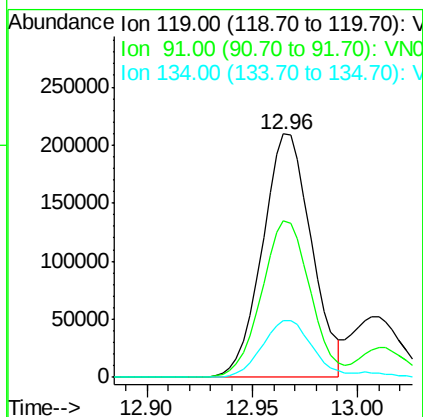
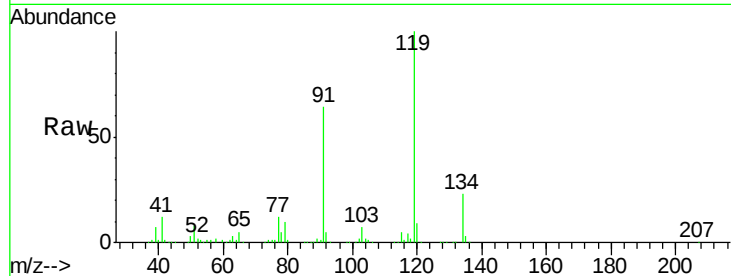




#83
 tert-Butylbenzene
 Concen: 51.469 ug/l
 RT: 12.96 min Scan# 3491
 Delta R.T. -0.00 min
 Lab File: VN064841.D
 Acq: 25 Nov 2020 4:18

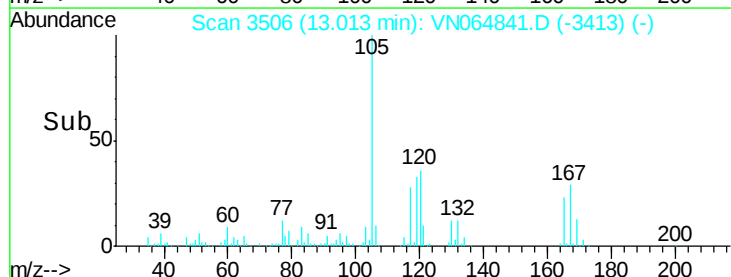
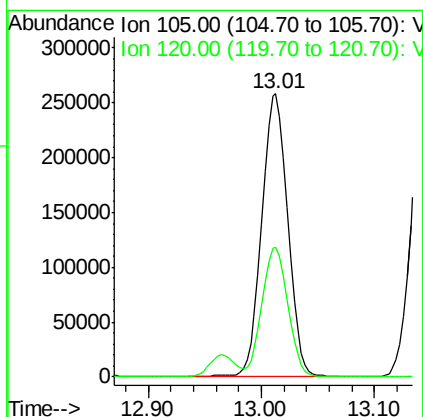
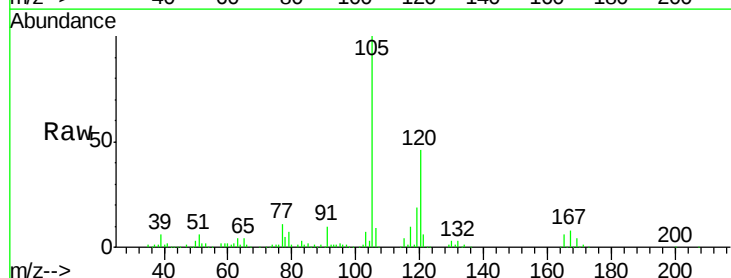
Instrument :
 MSVOA_N
 ClientSampleId :
 56BR-20201118MS

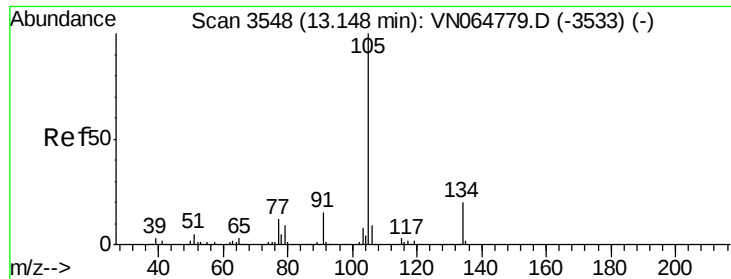
Tot Ion:119 Resp: 339555
 Ion Ratio Lower Upper
 119 100
 91 63.9 32.3 96.8
 134 24.0 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 52.033 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064841.D
 Acq: 25 Nov 2020 4:18

Tgt Ion:105 Resp: 414076
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.1 69.2





#85

sec-Butylbenzene

Concen: 50.855 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

Instrument :

MSVOA_N

ClientSampleId :

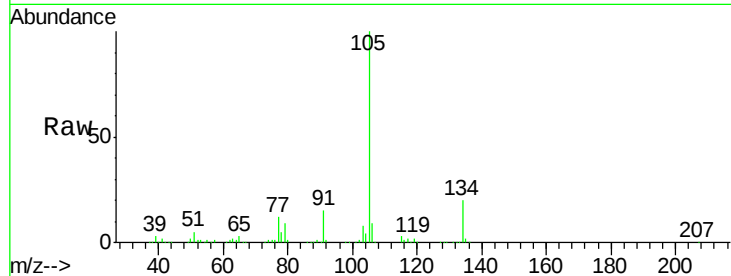
56BR-20201118MS

Tot Ion:105 Resp: 445462

Ion Ratio Lower Upper

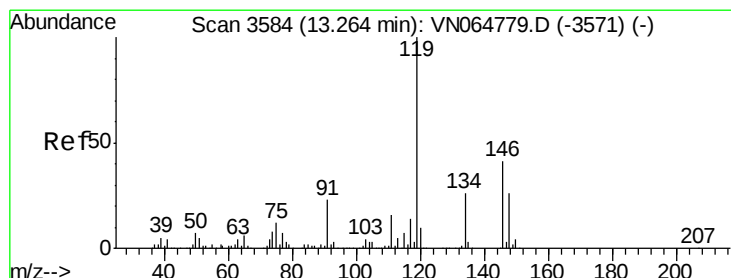
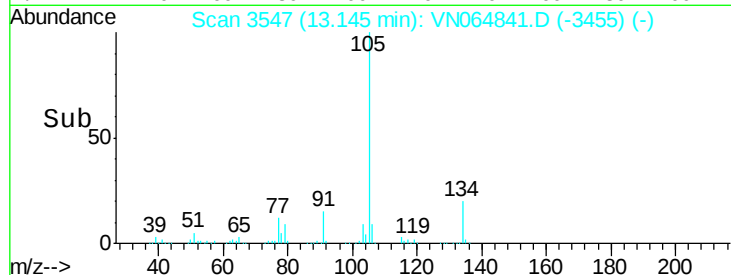
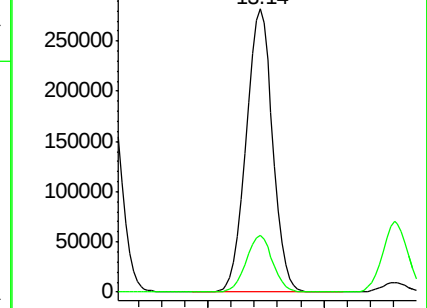
105 100

134 20.0 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.773 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

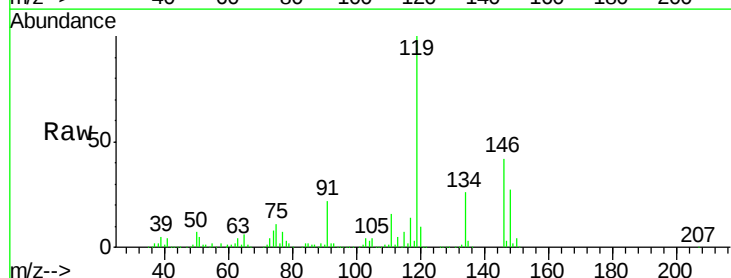
Tgt Ion:119 Resp: 412881

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.1

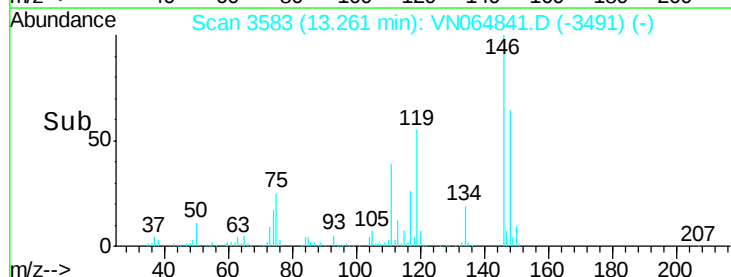
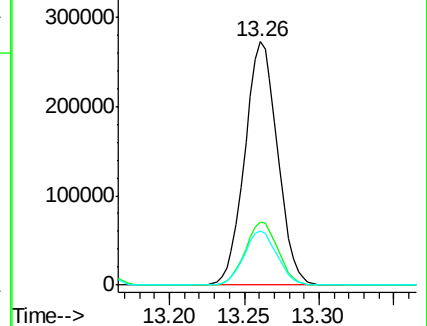
91 22.8 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

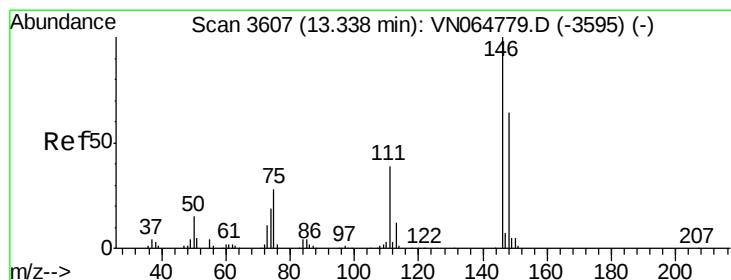
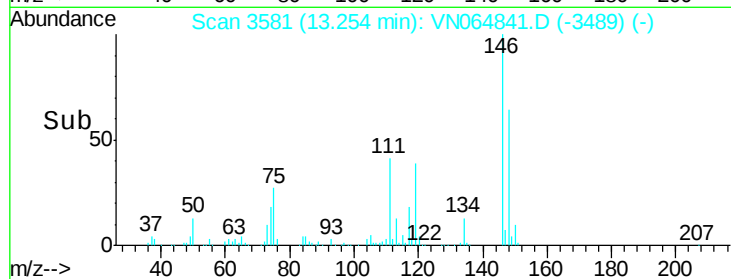
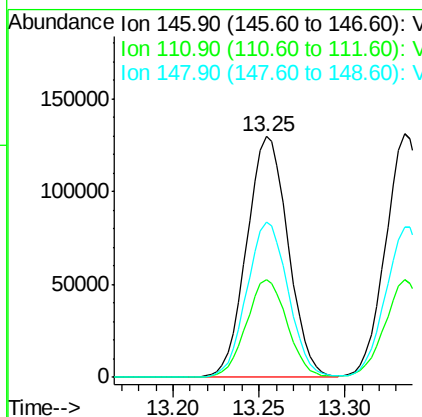
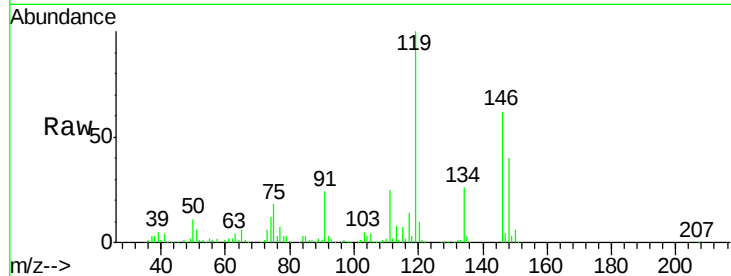




#87
 1,3-Dichlorobenzene
 Concen: 47.794 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064841.D
 Acq: 25 Nov 2020 4:18

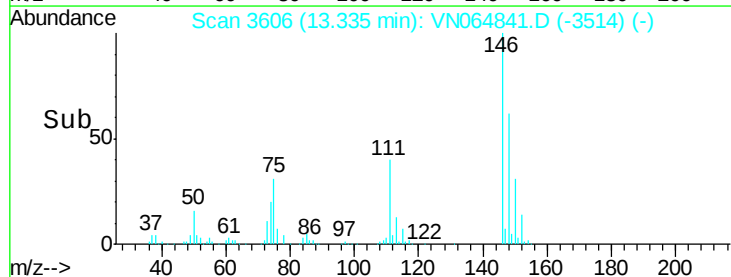
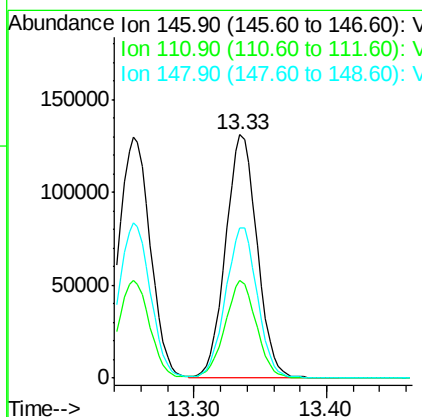
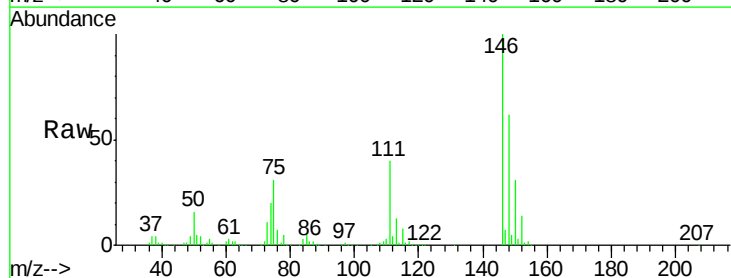
Instrument :
 MSVOA_N
 ClientSampleId :
 56BR-20201118MS

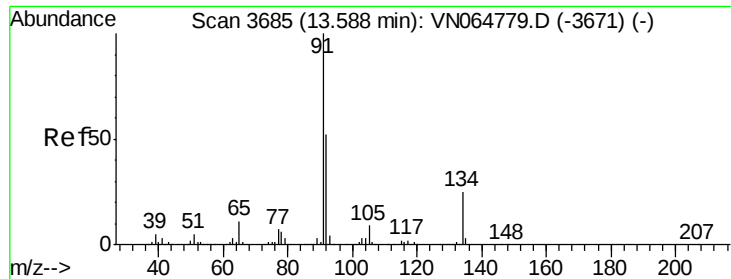
Tot Ion:146 Resp: 216778
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.6 61.9
 148 64.3 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 44.927 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064841.D
 Acq: 25 Nov 2020 4:18

Tgt Ion:146 Resp: 215500
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.8 59.3
 148 62.3 31.9 95.5

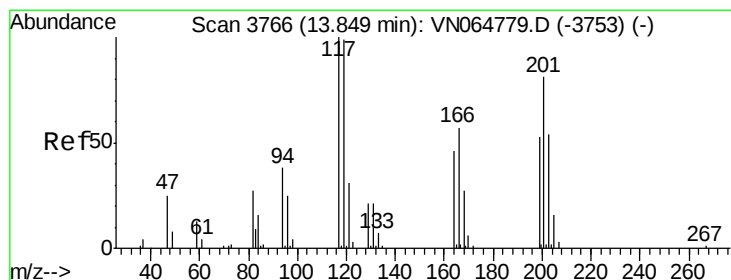
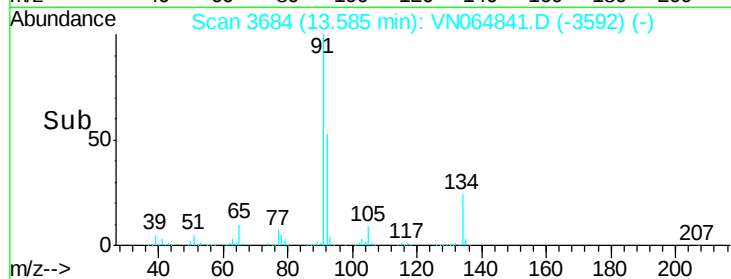
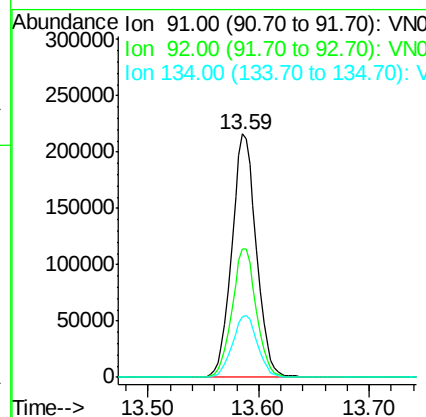
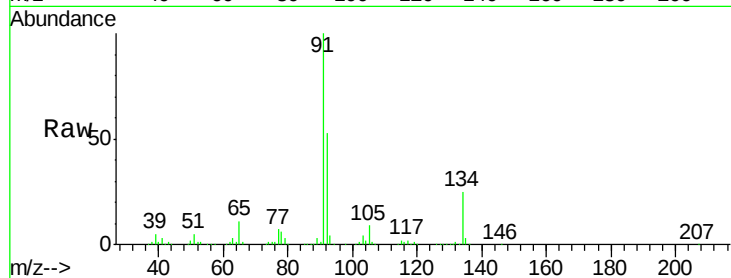




#89
n-Butylbenzene
Concen: 47.606 ug/l
RT: 13.59 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN064841.D
Acq: 25 Nov 2020 4:18

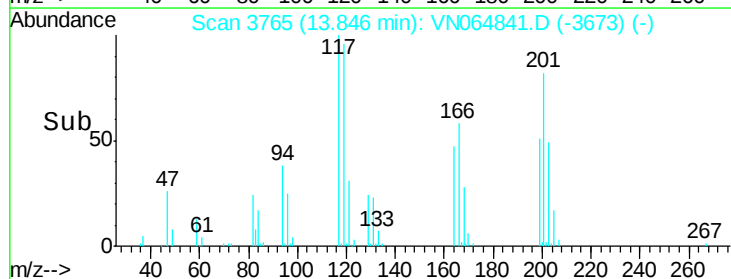
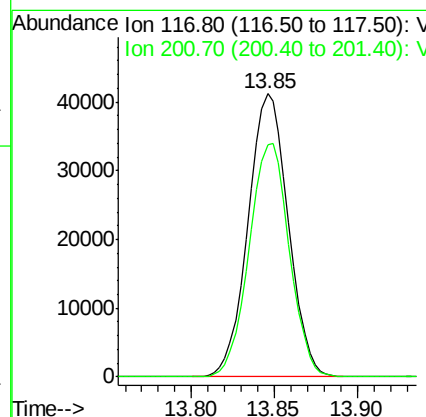
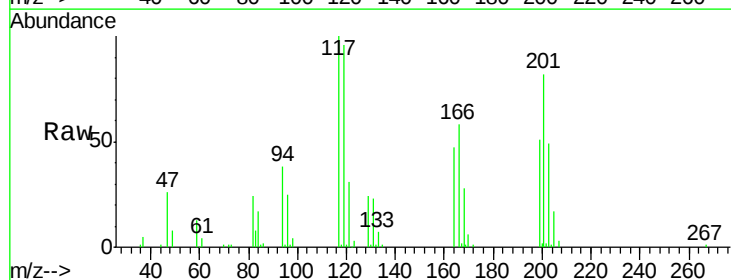
Instrument :
MSVOA_N
ClientSampleId :
56BR-20201118MS

Tot Ion: 91 Resp: 333407
Ion Ratio Lower Upper
91 100
92 52.4 26.0 78.0
134 26.0 12.9 38.6



#90
Hexachloroethane
Concen: 50.231 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064841.D
Acq: 25 Nov 2020 4:18

Tgt Ion: 117 Resp: 69590
Ion Ratio Lower Upper
117 100
201 82.4 40.1 120.3

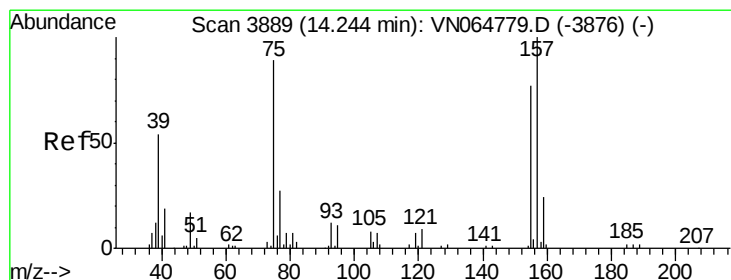
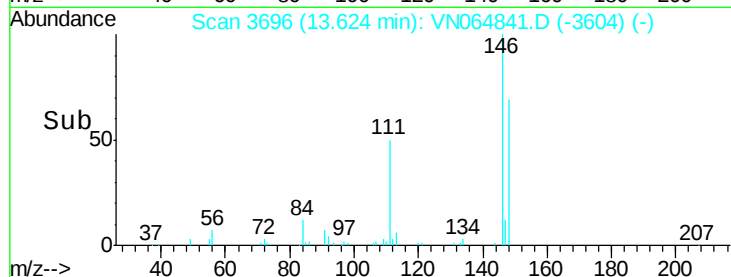
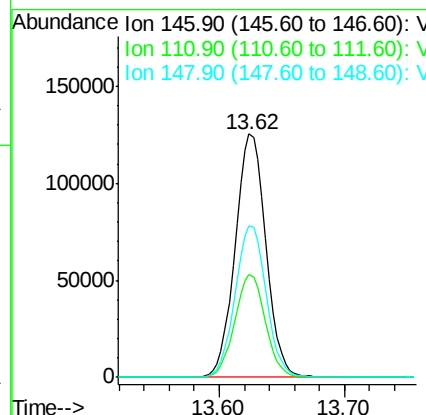
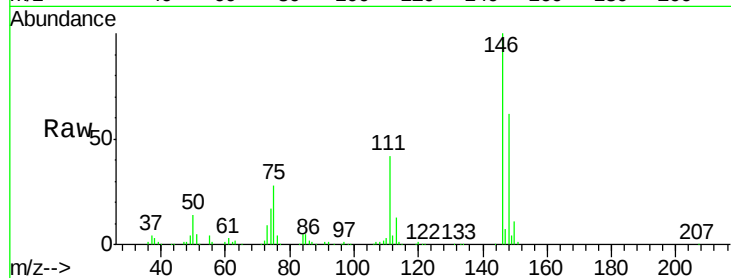




#91
 1,2-Dichlorobenzene
 Concen: 47.921 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN064841.D
 Acq: 25 Nov 2020 4:18

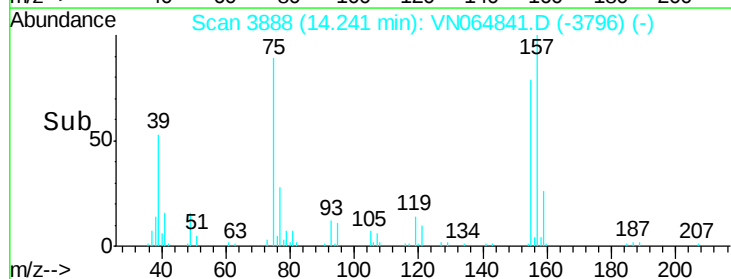
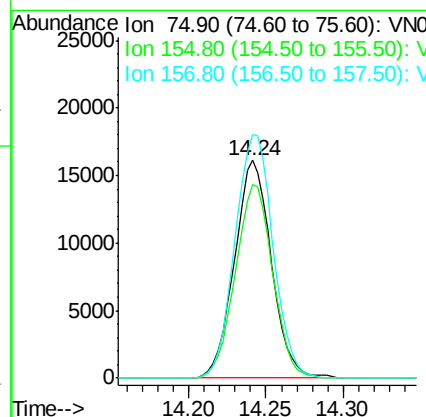
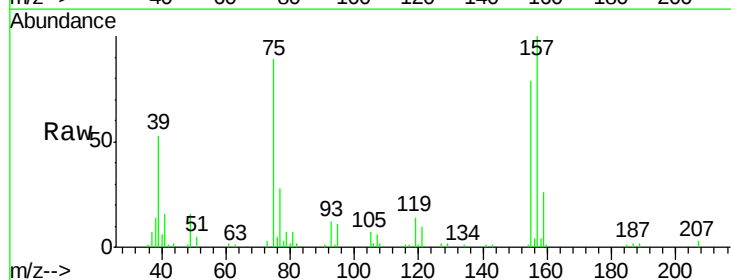
Instrument :
 MSVOA_N
 ClientSampleId :
 56BR-20201118MS

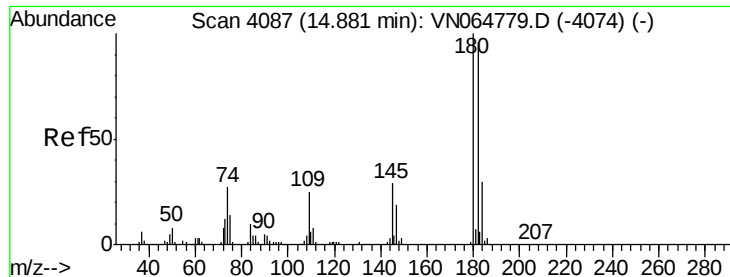
Tot Ion:146 Resp: 213418
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.1 63.1
 148 63.0 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.666 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064841.D
 Acq: 25 Nov 2020 4:18

Tgt Ion: 75 Resp: 26645
 Ion Ratio Lower Upper
 75 100
 155 89.5 42.8 128.3
 157 115.5 56.4 169.1

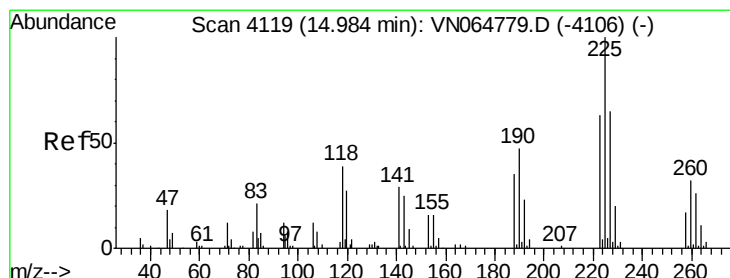
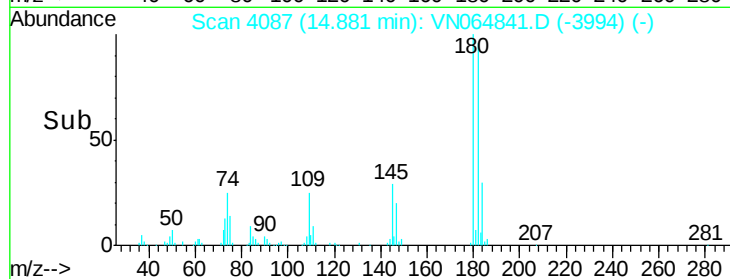
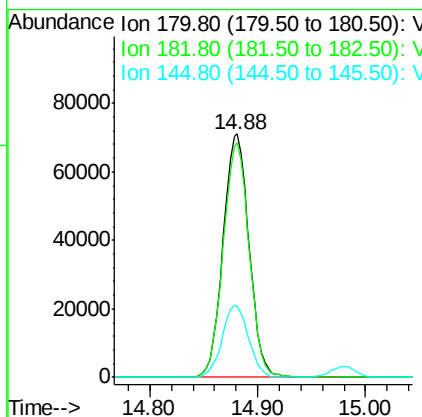
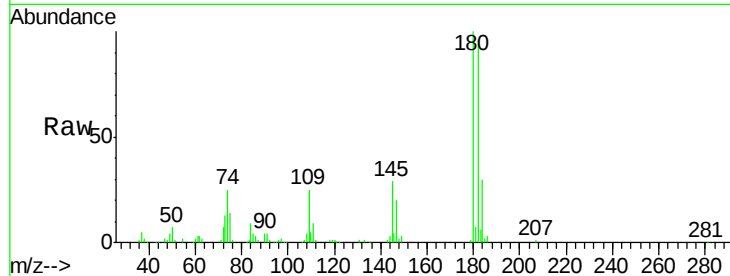




#93
 1,2,4-Trichlorobenzene
 Concen: 43.231 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064841.D
 Acq: 25 Nov 2020 4:18

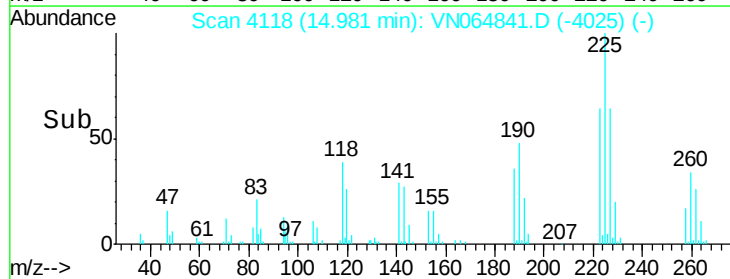
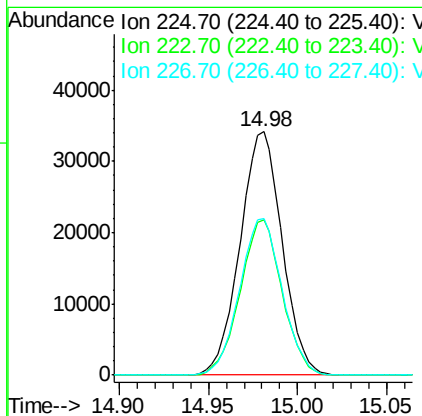
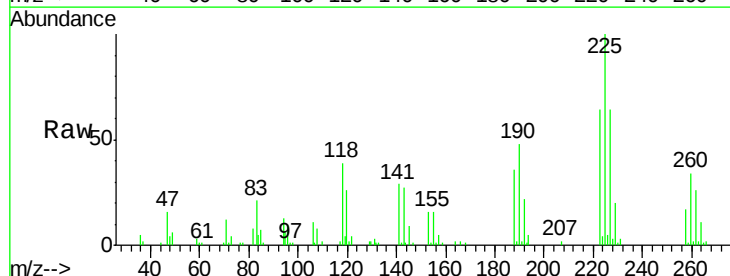
Instrument :
 MSVOA_N
 ClientSampleId :
 56BR-20201118MS

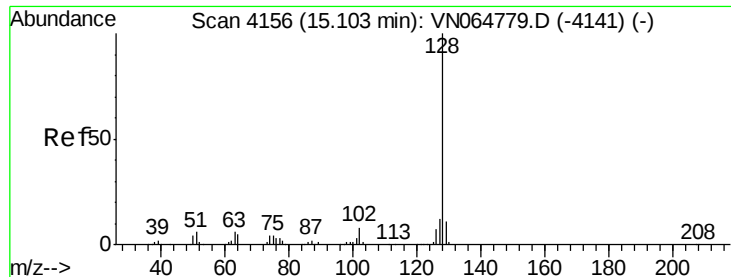
Tot Ion:180 Resp: 119101
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.6 142.9
 145 29.9 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 45.523 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064841.D
 Acq: 25 Nov 2020 4:18

Tgt Ion:225 Resp: 56434
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.0 93.0
 227 64.9 32.0 96.0





#95

Naphthalene

Concen: 44.176 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

Instrument :

MSVOA_N

ClientSampleId :

56BR-20201118MS

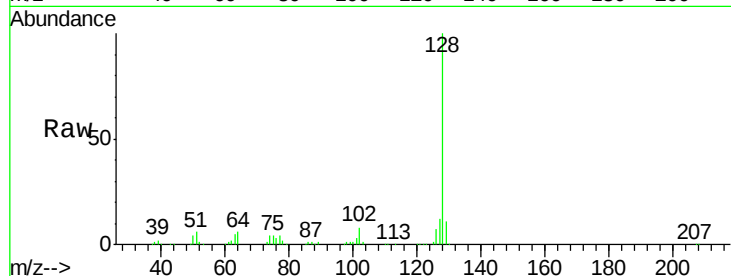
Tot Ion:128 Resp: 364611

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

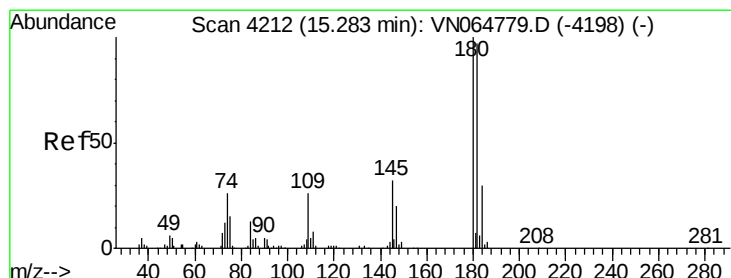
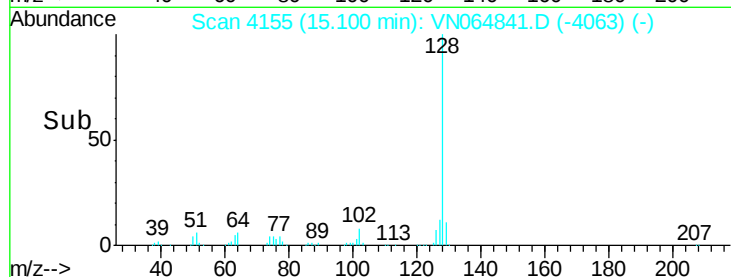
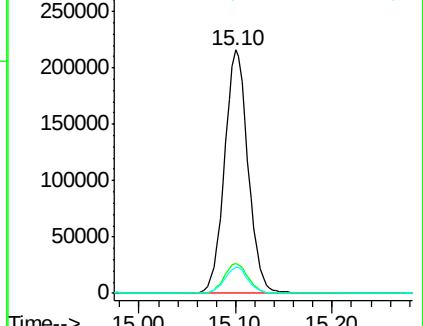
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 45.053 ug/l

RT: 15.28 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN064841.D

Acq: 25 Nov 2020 4:18

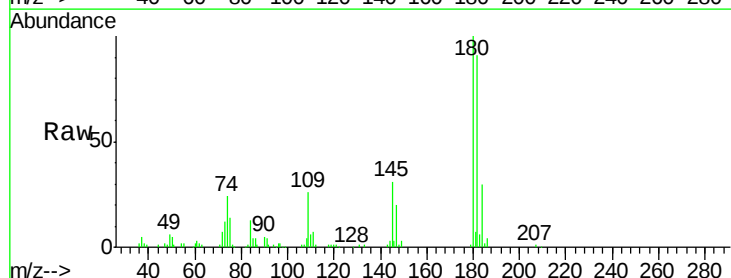
Tgt Ion:180 Resp: 117583

Ion Ratio Lower Upper

180 100

182 93.8 48.1 144.4

145 32.0 16.4 49.1



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

