

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077944.D
 Acq On : 27 May 2023 00:03
 Operator : JC\MD
 Sample : PB153052TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB153052TB

Quant Time: May 29 01:39:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.235	168	372419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	694383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	622034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	193702	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	256659	46.059	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.120%
35) Dibromofluoromethane	8.177	113	219048	48.376	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.760%
50) Toluene-d8	10.576	98	862445	49.485	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.960%
62) 4-Bromofluorobenzene	12.853	95	284387	46.201	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.400%

Target Compounds			Qvalue			
3) Chloromethane	2.377	50	1066	Below Cal	#	68
5) Bromomethane	2.983	94	1840	0.466	ug/l #	70
10) Methyl Iodide	4.612	142	2180	0.444	ug/l #	78
11) Tert butyl alcohol	5.524	59	540	0.702	ug/l #	72
13) Acrolein	4.206	56	190	Below Cal	#	16
15) Acrylonitrile	5.741	53	1090	0.531	ug/l #	62
16) Acetone	4.447	43	26258	14.978	ug/l	95
17) Carbon Disulfide	4.724	76	3234	0.306	ug/l #	75
20) Methylene Chloride	5.289	84	42791	7.706	ug/l	92
25) 2-Butanone	7.500	43	8034	2.930	ug/l #	76
29) Tetrahydrofuran	7.847	42	994	0.554	ug/l #	30
31) Cyclohexane	8.235	56	9686	1.279	ug/l #	25
36) 1,1-Dichloropropene	8.235	75	32684	4.935	ug/l #	49
37) Ethyl Acetate	7.577	43	54277	9.195	ug/l	96
38) Carbon Tetrachloride	8.229	117	38714	5.789	ug/l #	15
42) 1,2-Dichloroethane	8.694	62	2244	0.316	ug/l #	73
43) Isopropyl Acetate	8.700	43	226812	23.523	ug/l #	83
48) Methyl methacrylate	9.676	41	6162	1.348	ug/l #	34
49) 1,4-Dioxane	9.706	88	85	0.984	ug/l #	30
51) 4-Methyl-2-Pentanone	10.459	43	14760	2.575	ug/l #	69
54) cis-1,3-Dichloropropene	10.365	75	76385	9.584	ug/l #	71
57) 1,3-Dichloropropane	11.206	76	10400	1.256	ug/l #	42
58) 2-Chloroethyl Vinyl ether	10.171	63	4162	1.158	ug/l #	81
59) 2-Hexanone	11.206	43	125181	29.529	ug/l #	47
68) m/p-Xylenes	12.076	106	2388	0.261	ug/l #	69
74) N-amyl acetate	12.500	43	1699	0.275	ug/l #	70
76) 1,2,3-Trichloropropane	12.853	75	151016	31.131	ug/l #	1
79) 2-Chlorotoluene	13.141	91	2417	0.206	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.853	75	151016	99.511	ug/l #	15
82) 4-Chlorotoluene	13.223	91	2819	0.241	ug/l	95
87) 1,3-Dichlorobenzene	13.735	146	2029	0.288	ug/l	94
88) 1,4-Dichlorobenzene	13.735	146	2029	0.290	ug/l	92
89) n-Butylbenzene	14.064	91	3592	0.281	ug/l	94
91) 1,2-Dichlorobenzene	14.117	146	2267	0.344	ug/l	92
93) 1,2,4-Trichlorobenzene	15.406	180	1861	0.484	ug/l	72
94) Hexachlorobutadiene	15.517	225	1364	0.854	ug/l #	61

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Quant Title : SW846 8260
QLast Update : Tue May 16 04:07:42 2023
Response via : Initial Calibration

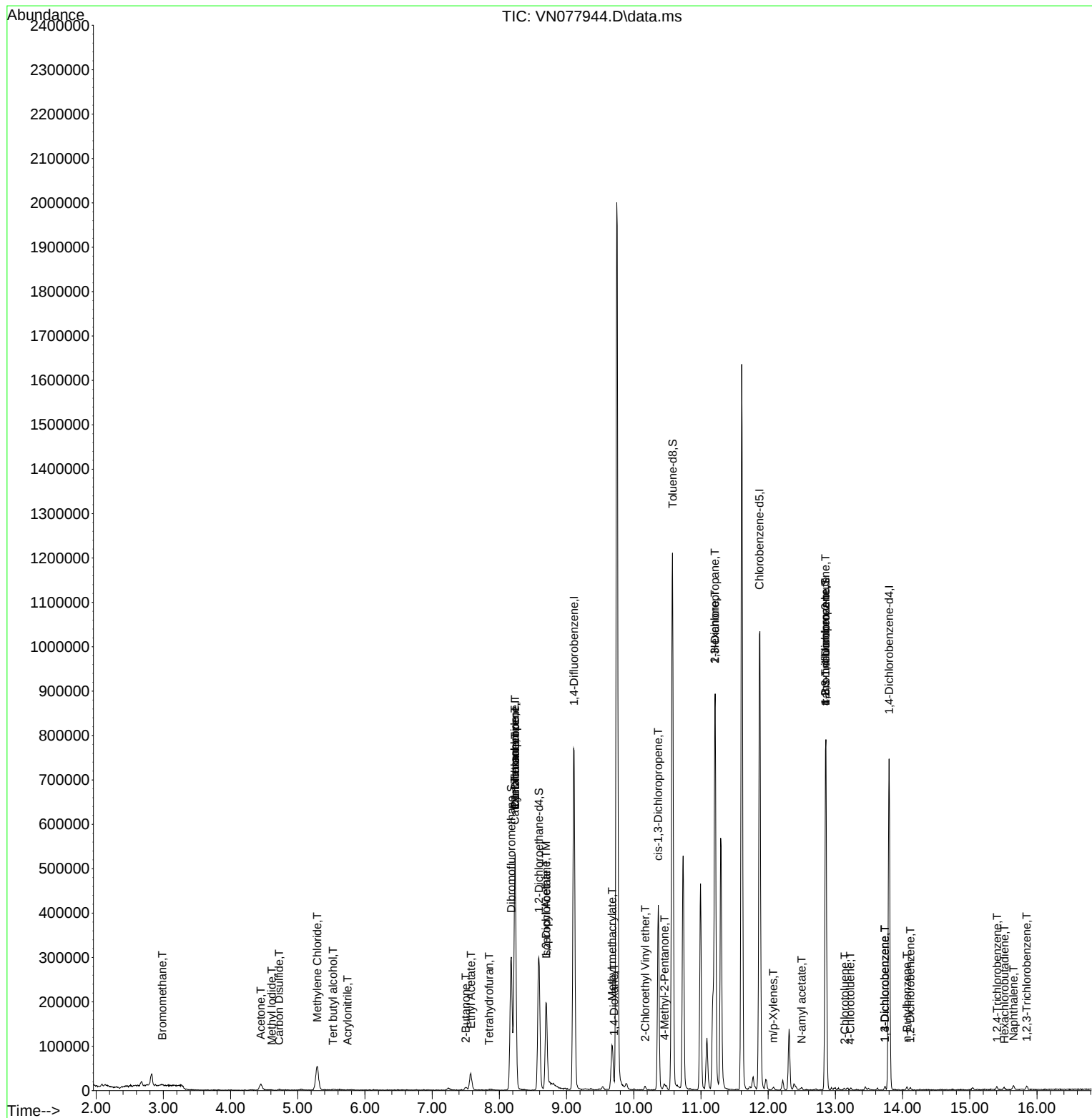
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.653	128	8115	0.613	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.847	180	2798	0.743	ug/l	92

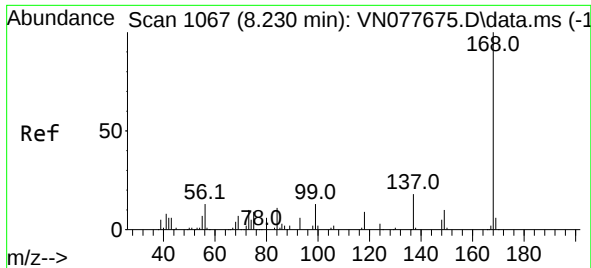
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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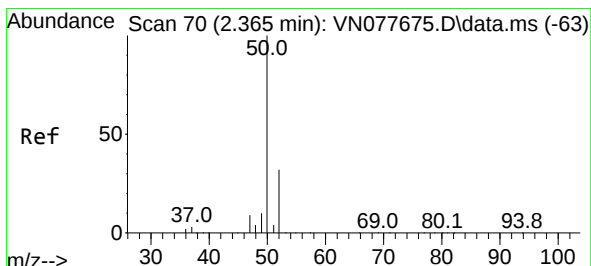
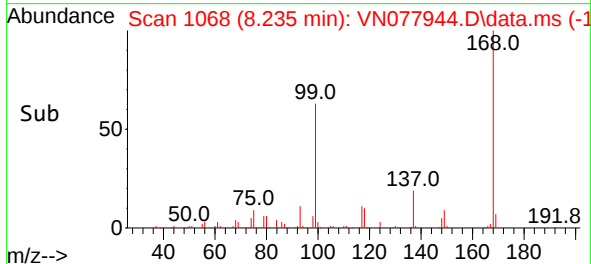
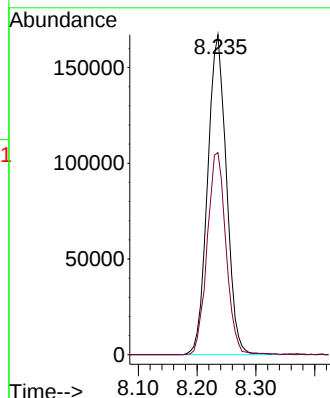
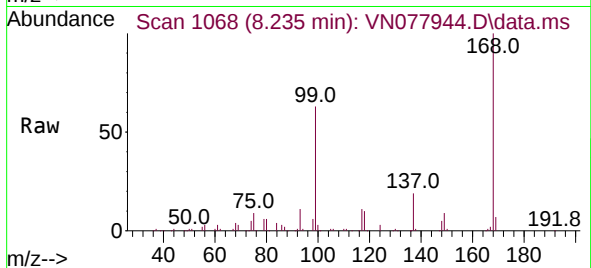




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

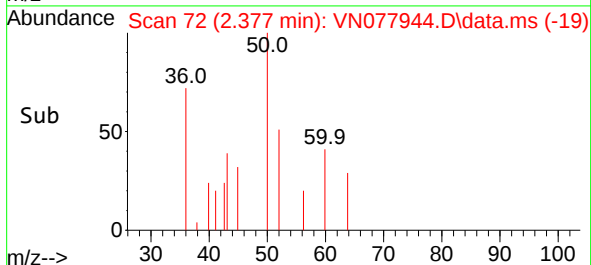
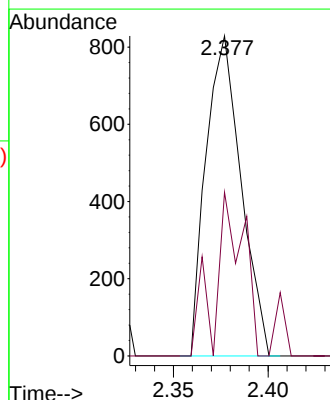
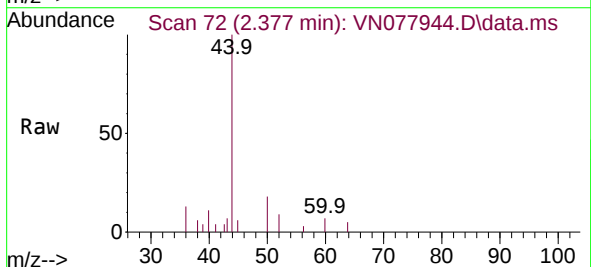
Instrument :
MSVOA_N
ClientSampleId :
PB153052TB

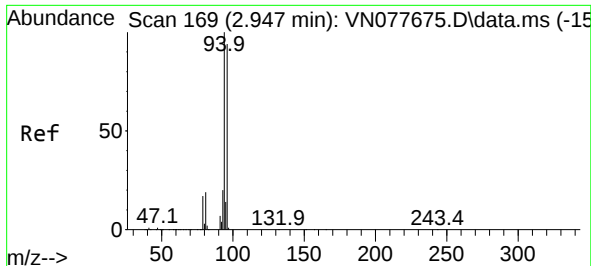
Tgt Ion:168 Resp: 372419
Ion Ratio Lower Upper
168 100
99 63.2 53.0 79.6



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.012 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

Tgt Ion: 50 Resp: 1066
Ion Ratio Lower Upper
50 100
52 51.1 26.5 39.7#

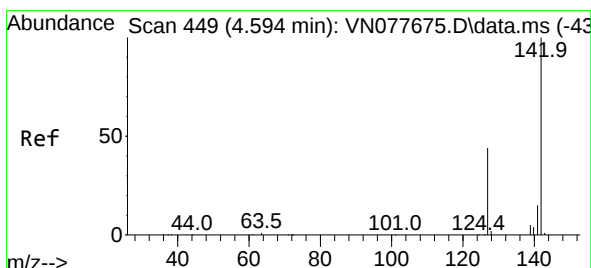
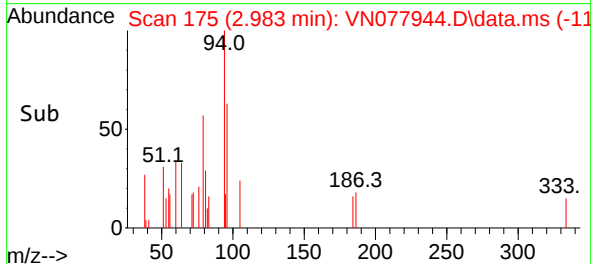
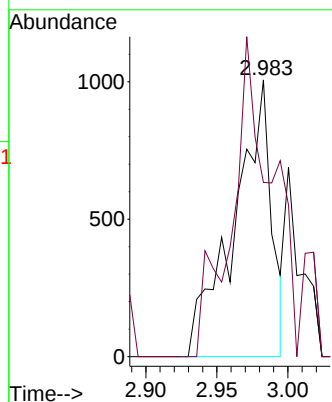
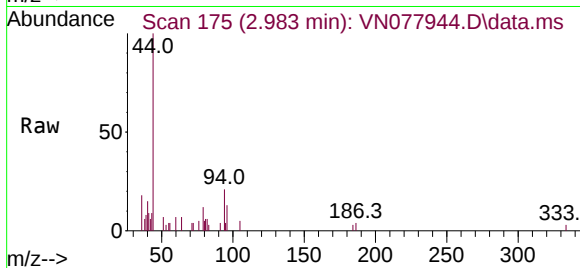




#5
Bromomethane
Concen: 0.466 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.036 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

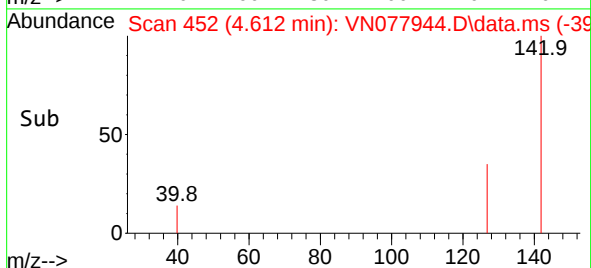
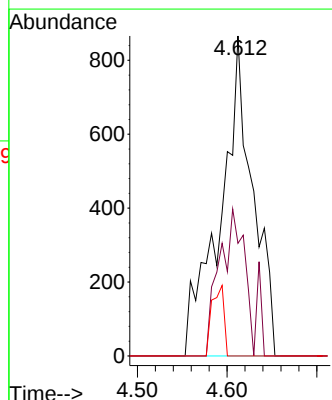
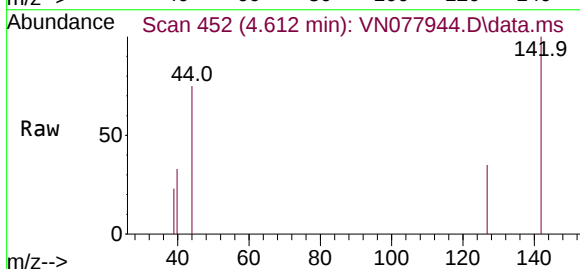
Instrument :
MSVOA_N
ClientSampleId :
PB153052TB

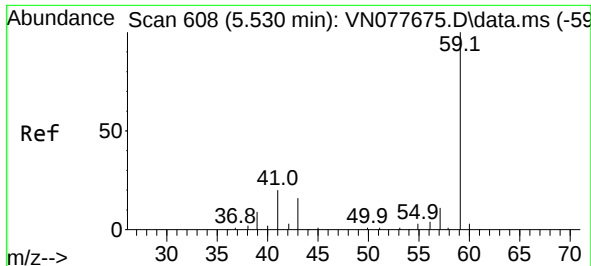
Tgt Ion: 94 Resp: 1840
Ion Ratio Lower Upper
94 100
96 63.0 73.1 109.7#



#10
Methyl Iodide
Concen: 0.444 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.018 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

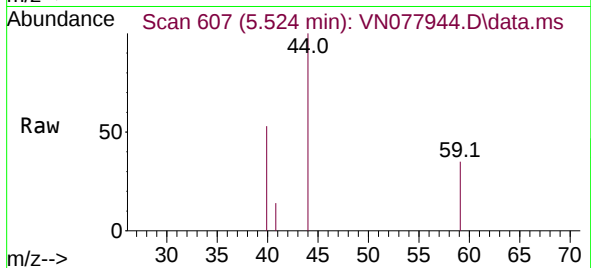
Tgt Ion: 142 Resp: 2180
Ion Ratio Lower Upper
142 100
127 35.2 37.6 56.4#
141 0.0 11.4 17.0#



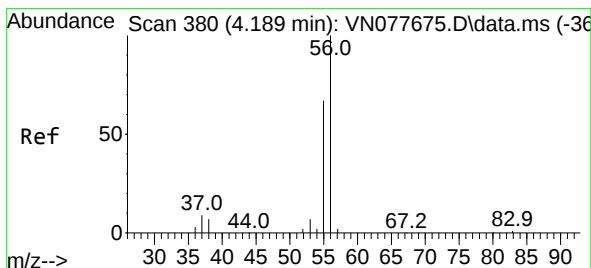
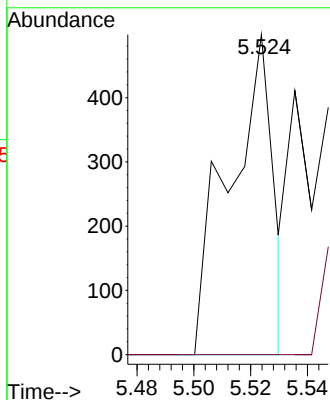
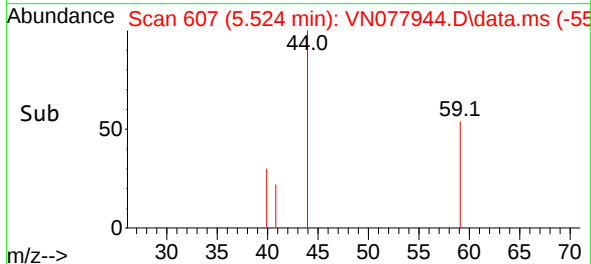


#11
Tert butyl alcohol
Concen: 0.702 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

Instrument :
MSVOA_N
ClientSampleId :
PB153052TB

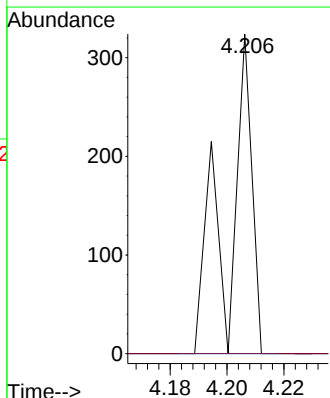
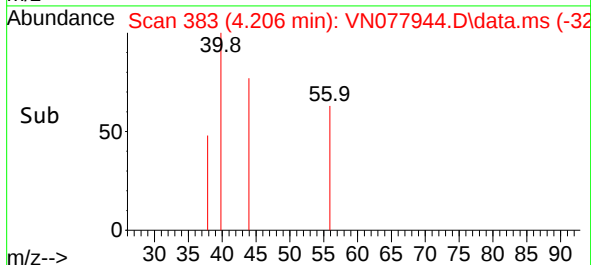
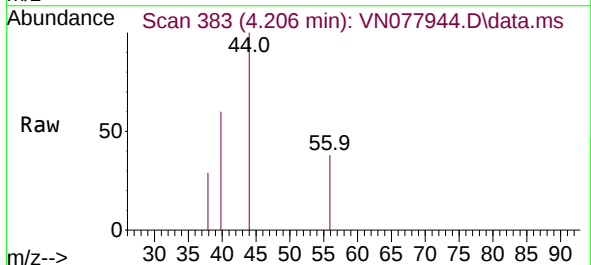


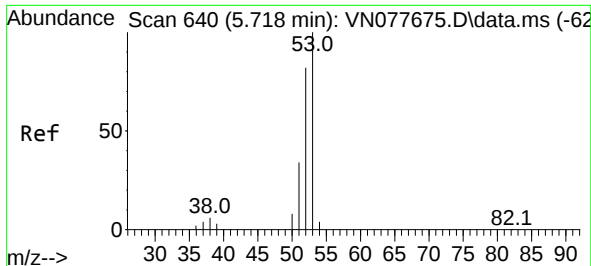
Tgt Ion: 59 Resp: 540
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: Below Cal
RT: 4.206 min Scan# 383
Delta R.T. 0.017 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

Tgt Ion: 56 Resp: 190
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#

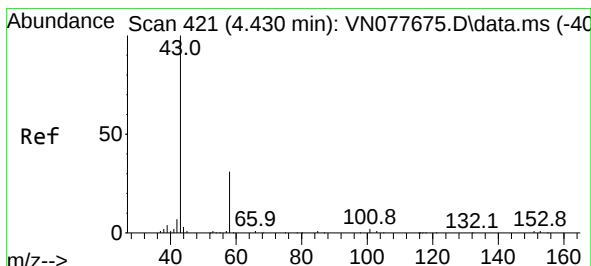
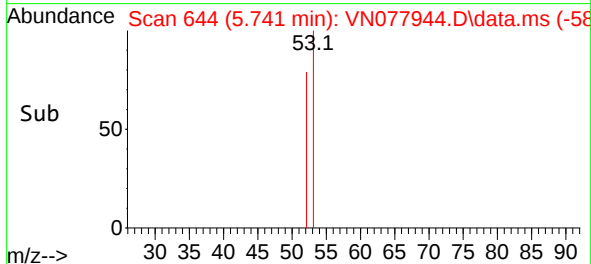
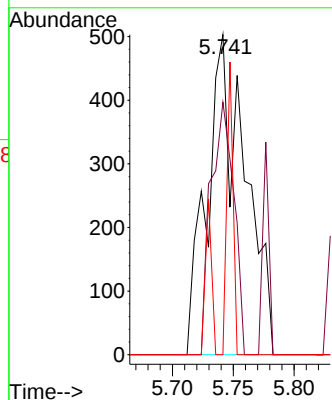
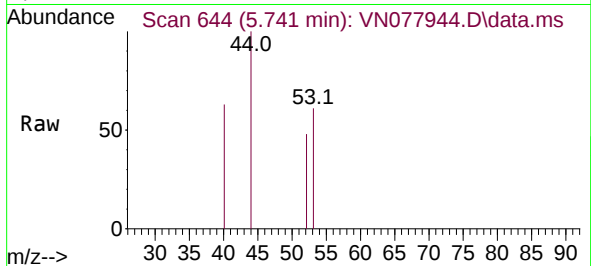




#15
Acrylonitrile
Concen: 0.531 ug/l
RT: 5.741 min Scan# 64
Delta R.T. 0.023 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

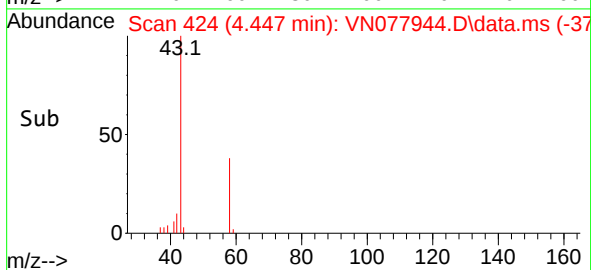
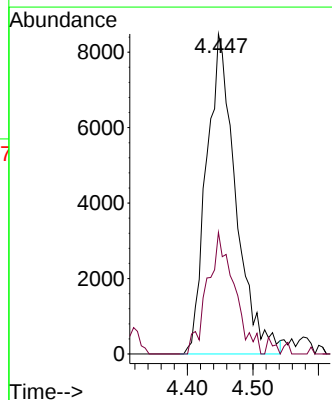
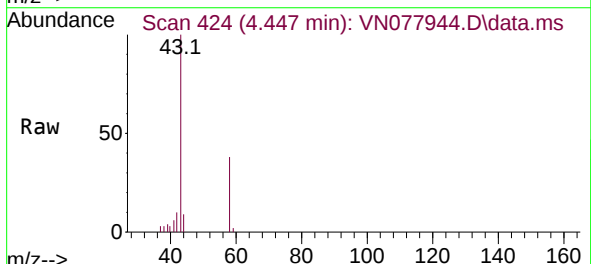
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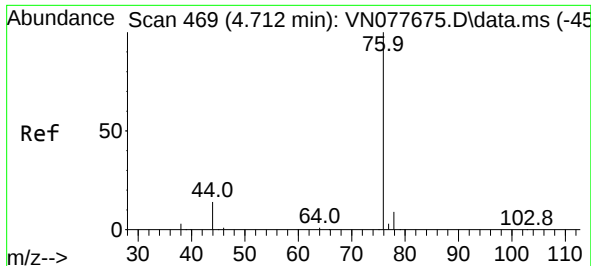
Tgt Ion: 53 Resp: 1090
Ion Ratio Lower Upper
53 100
52 47.5 65.3 97.9#
51 14.9 28.9 43.3#



#16
Acetone
Concen: 14.978 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

Tgt Ion: 43 Resp: 26258
Ion Ratio Lower Upper
43 100
58 38.0 28.0 42.0

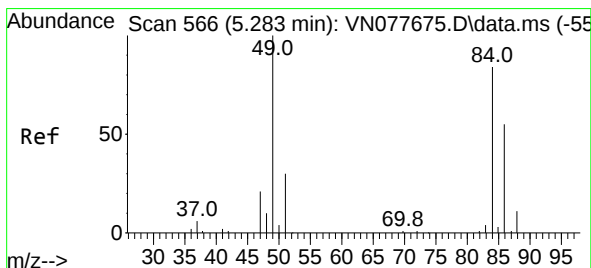
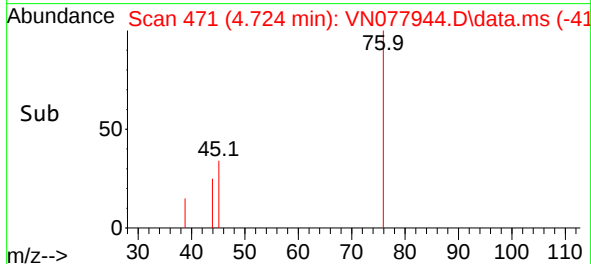
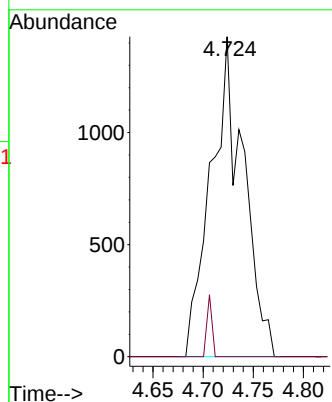
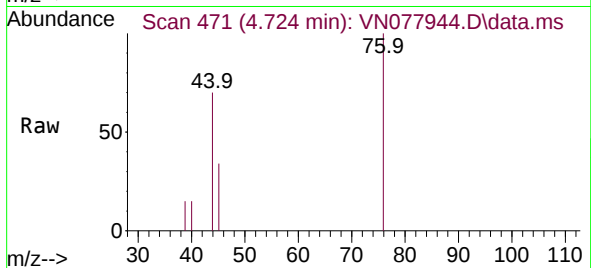




#17
Carbon Disulfide
Concen: 0.306 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

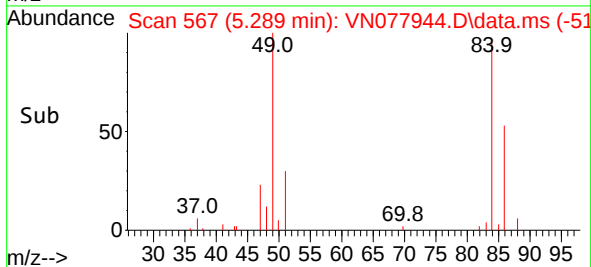
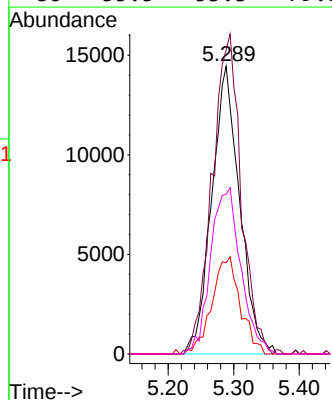
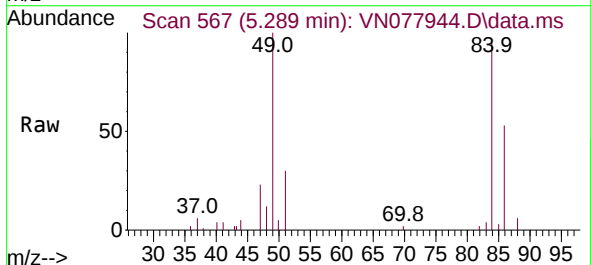
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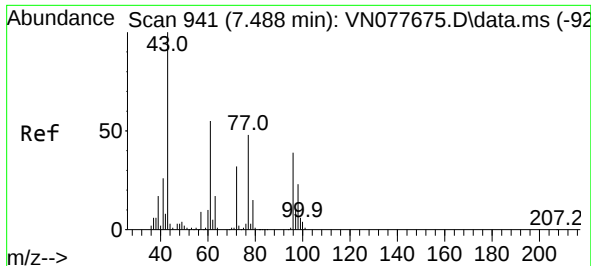
Tgt Ion: 76 Resp: 3234
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#20
Methylene Chloride
Concen: 7.706 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.005 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

Tgt Ion: 84 Resp: 42791
Ion Ratio Lower Upper
84 100
49 105.7 79.7 119.5
51 31.7 25.2 37.8
86 55.5 53.3 79.9

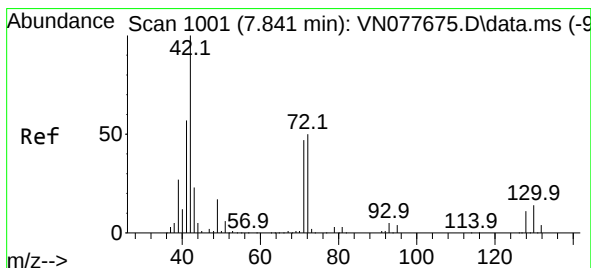
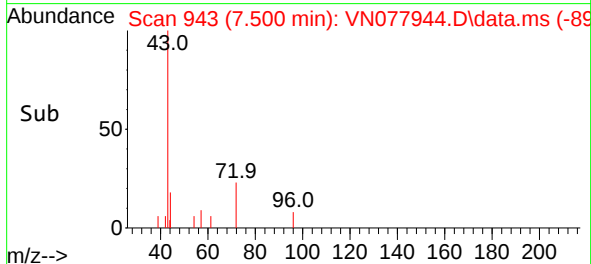
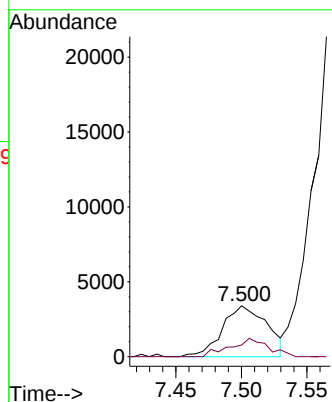
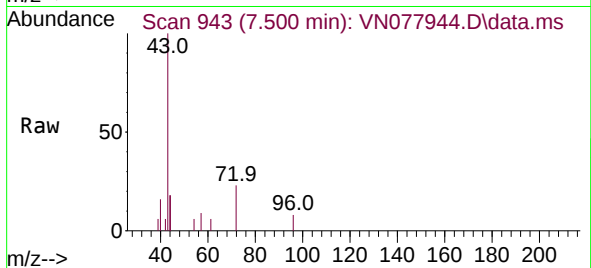




#25
2-Butanone
Concen: 2.930 ug/l
RT: 7.500 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

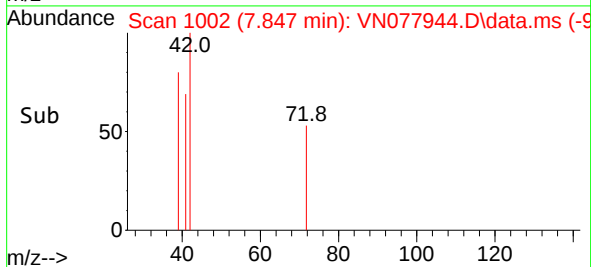
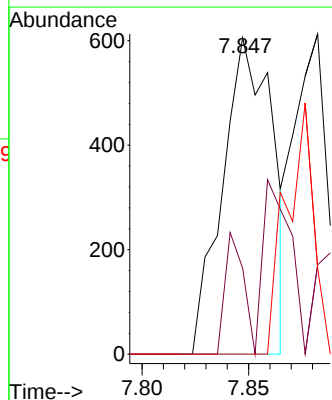
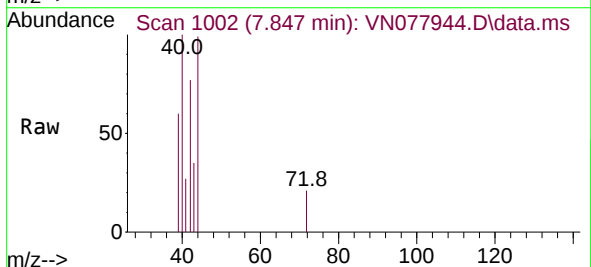
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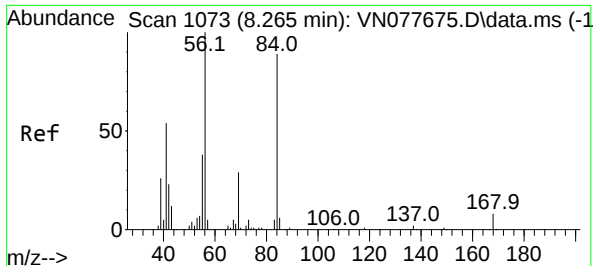
Tgt Ion: 43 Resp: 8034
Ion Ratio Lower Upper
43 100
72 23.0 30.2 45.2#



#29
Tetrahydrofuran
Concen: 0.554 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

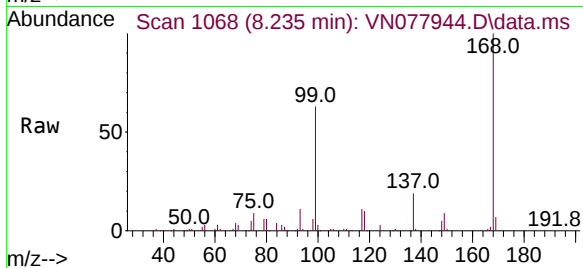
Tgt Ion: 42 Resp: 994
Ion Ratio Lower Upper
42 100
72 14.1 49.8 74.6#
71 0.0 47.4 71.2#



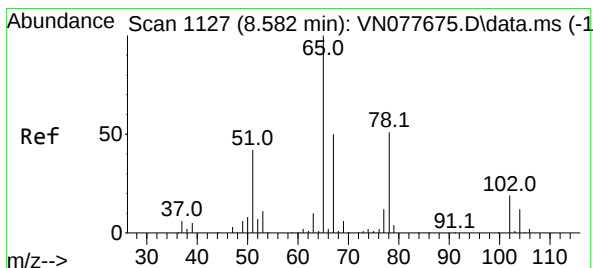
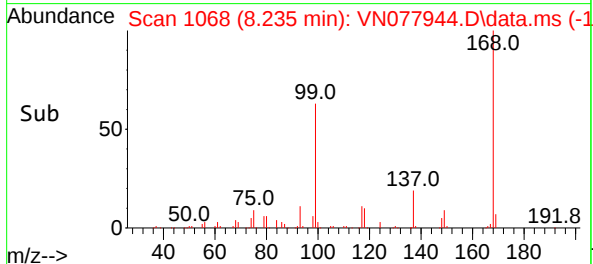
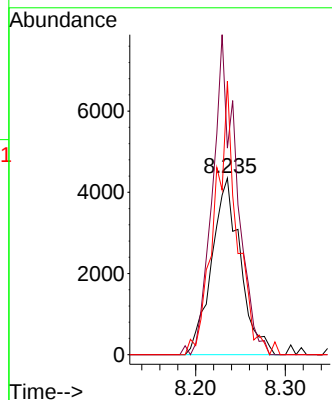


#31
Cyclohexane
Concen: 1.279 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.030 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

Instrument :
MSVOA_N
ClientSampleId :
PB153052TB

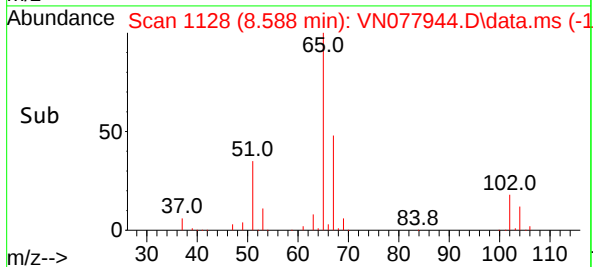
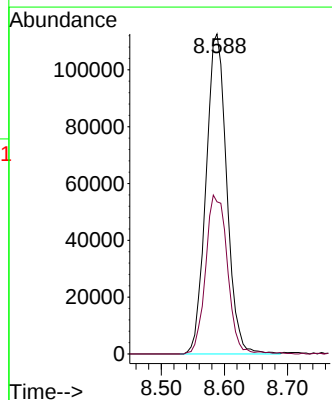
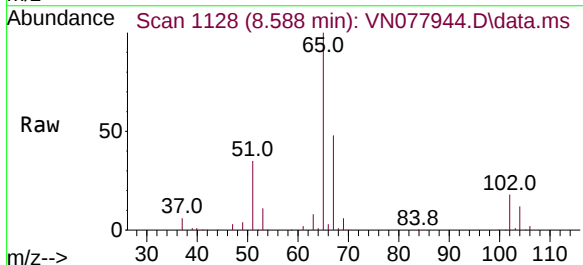


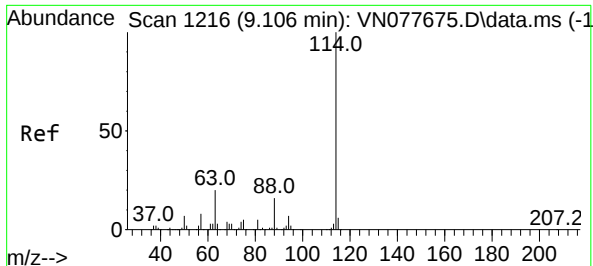
Tgt Ion: 56 Resp: 9686
Ion Ratio Lower Upper
56 100
69 117.0 26.8 40.2#
84 154.9 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 46.059 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

Tgt Ion: 65 Resp: 256659
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.6

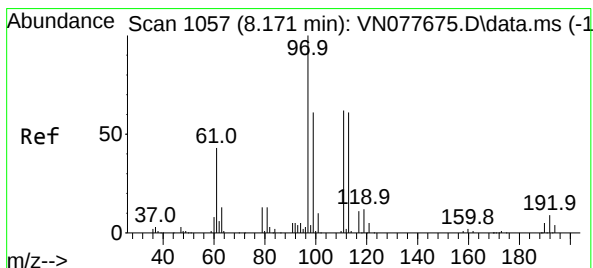
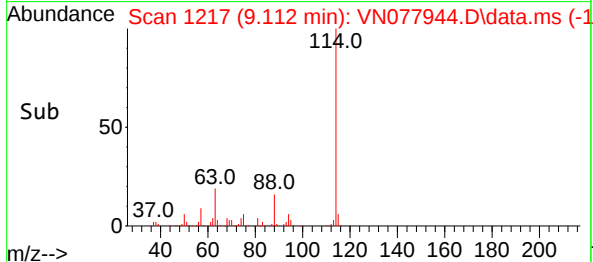
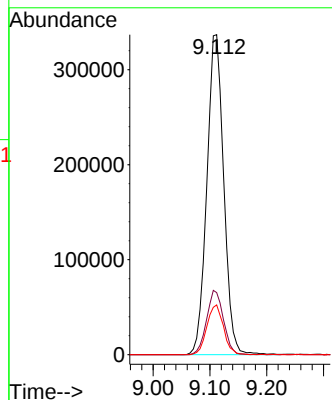
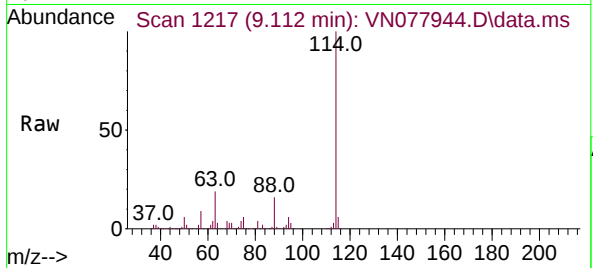




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

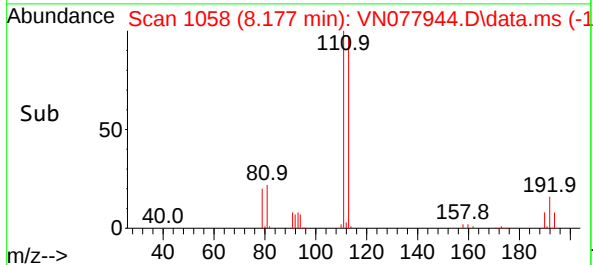
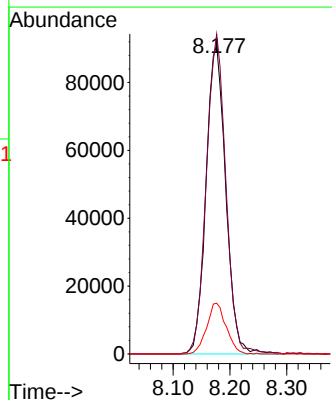
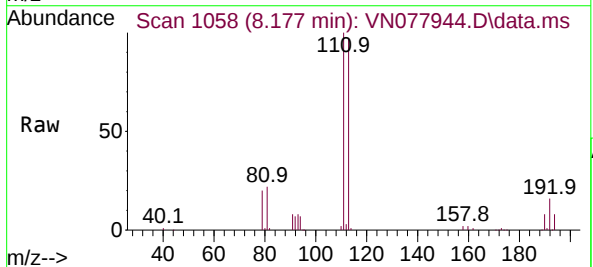
Instrument :
MSVOA_N
ClientSampleId :
PB153052TB

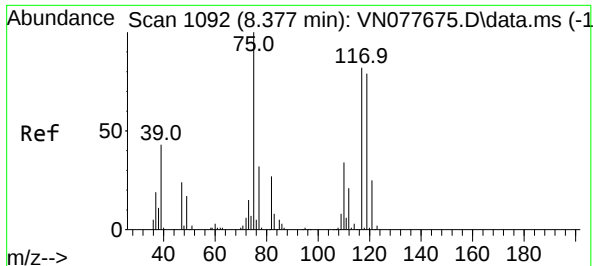
Tgt Ion:114 Resp: 694383
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.4
88 15.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.376 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

Tgt Ion:113 Resp: 219048
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 16.3 12.7 19.1





#36

1,1-Dichloropropene

Concen: 4.935 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.142 min

Lab File: VN077944.D

Acq: 27 May 2023 00:03

Instrument :

MSVOA_N

ClientSampleId :

PB153052TB

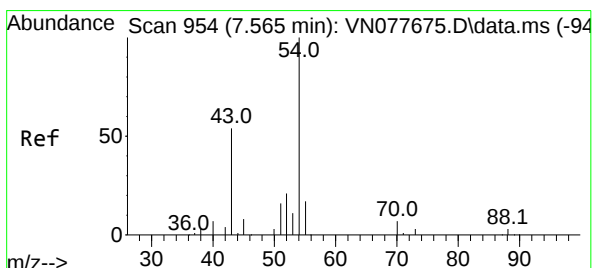
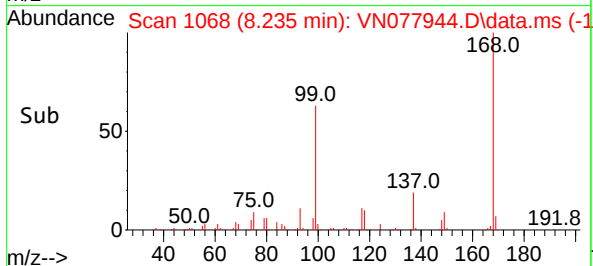
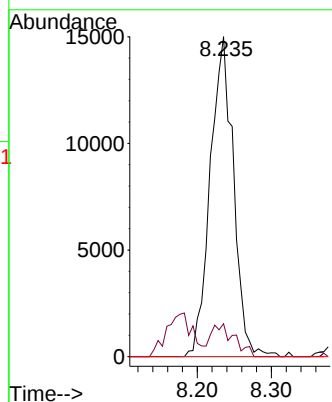
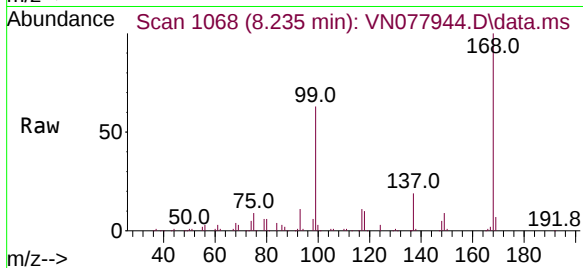
Tgt Ion: 75 Resp: 32684

Ion Ratio Lower Upper

75 100

110 10.0 19.1 57.3#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 9.195 ug/l

RT: 7.577 min Scan# 956

Delta R.T. 0.012 min

Lab File: VN077944.D

Acq: 27 May 2023 00:03

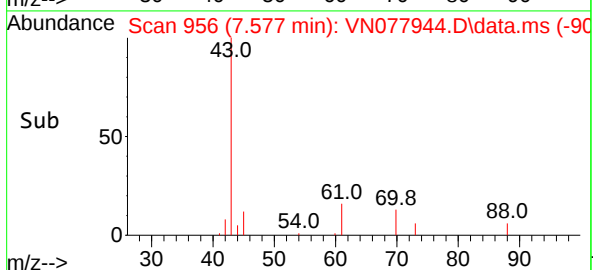
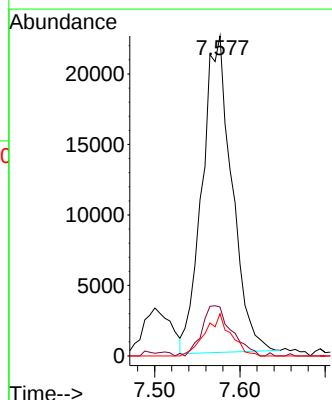
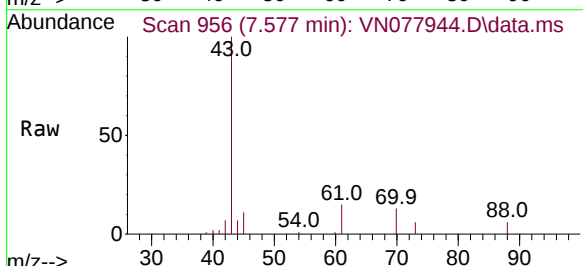
Tgt Ion: 43 Resp: 54277

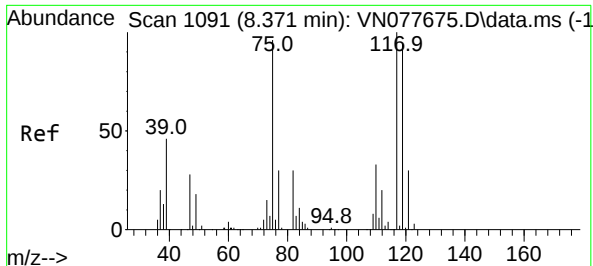
Ion Ratio Lower Upper

43 100

61 15.9 13.2 19.8

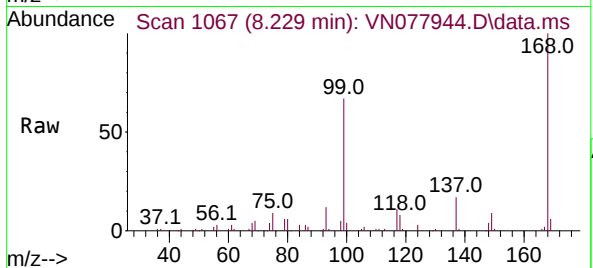
70 11.5 11.3 16.9



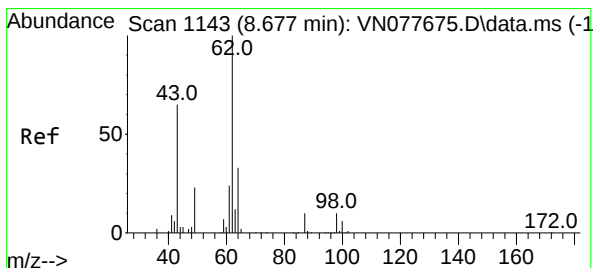
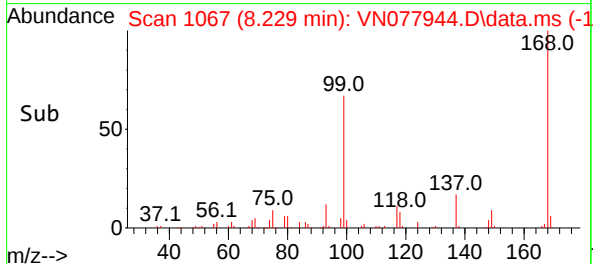
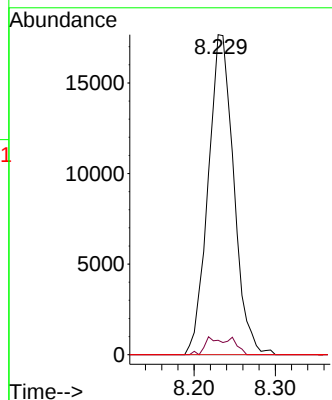


#38
Carbon Tetrachloride
Concen: 5.789 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.142 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

Instrument :
MSVOA_N
ClientSampleId :
PB153052TB

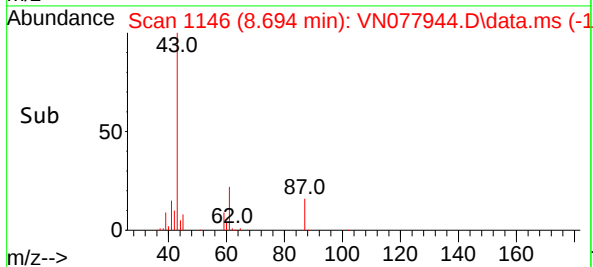
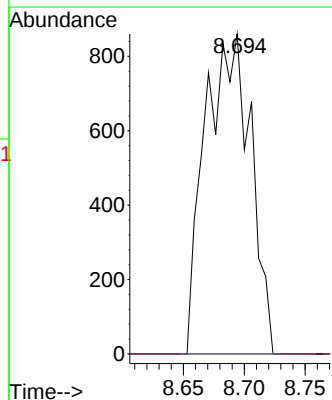
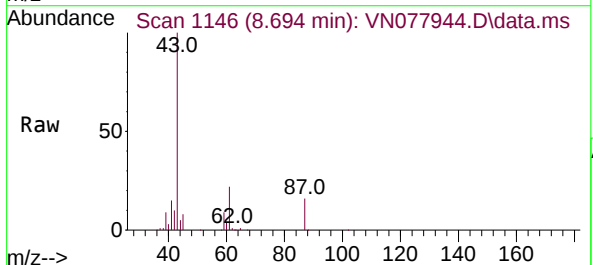


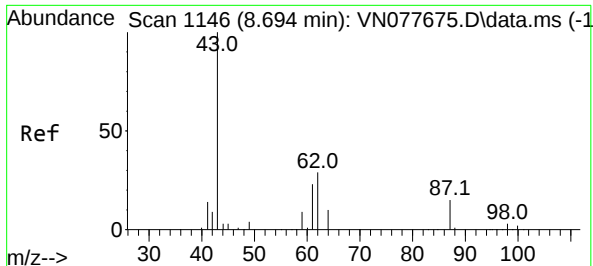
Tgt Ion:117 Resp: 38714
Ion Ratio Lower Upper
117 100
119 4.5 77.3 115.9#
121 0.0 23.3 34.9#



#42
1,2-Dichloroethane
Concen: 0.316 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.017 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

Tgt Ion: 62 Resp: 2244
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.8





#43

Isopropyl Acetate

Concen: 23.523 ug/l

RT: 8.700 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN077944.D

Acq: 27 May 2023 00:03

Instrument :

MSVOA_N

ClientSampleId :

PB153052TB

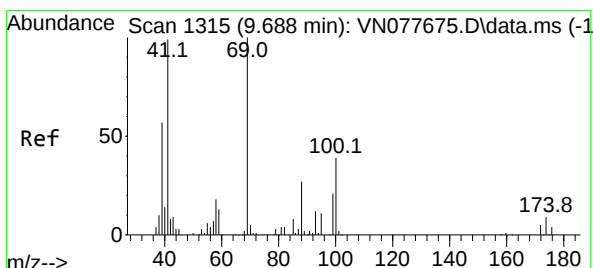
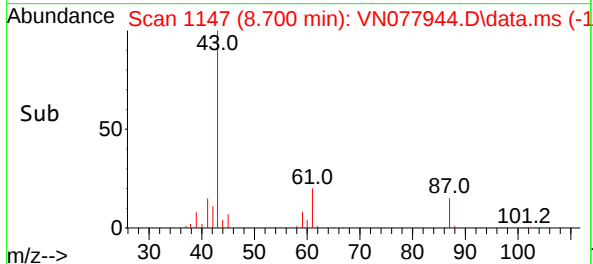
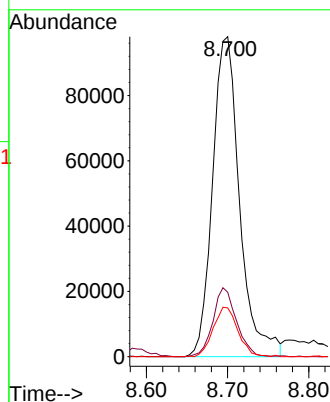
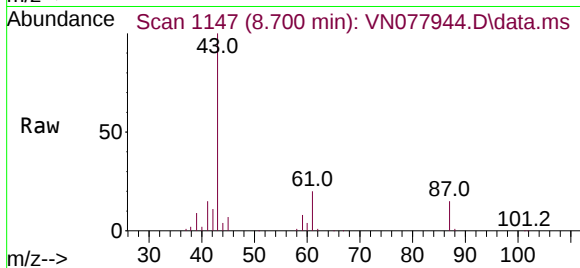
Tgt Ion: 43 Resp: 226812

Ion Ratio Lower Upper

43 100

61 18.8 24.7 37.1#

87 14.2 14.6 21.8#



#48

Methyl methacrylate

Concen: 1.348 ug/l

RT: 9.676 min Scan# 1313

Delta R.T. -0.012 min

Lab File: VN077944.D

Acq: 27 May 2023 00:03

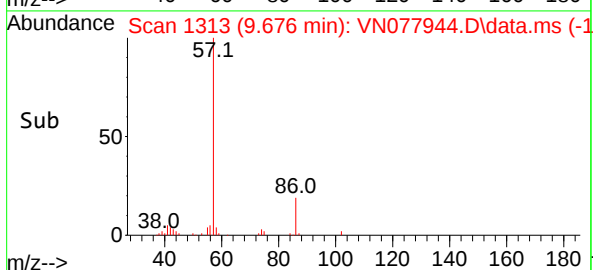
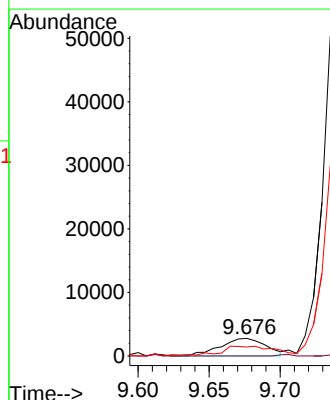
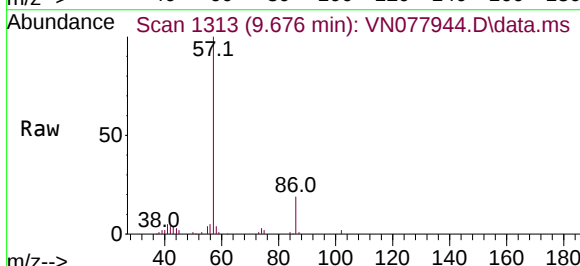
Tgt Ion: 41 Resp: 6162

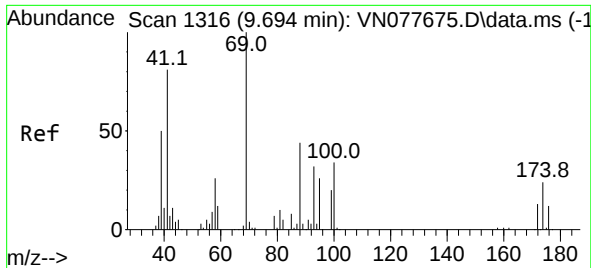
Ion Ratio Lower Upper

41 100

69 0.0 90.4 135.6#

39 69.6 54.6 81.8

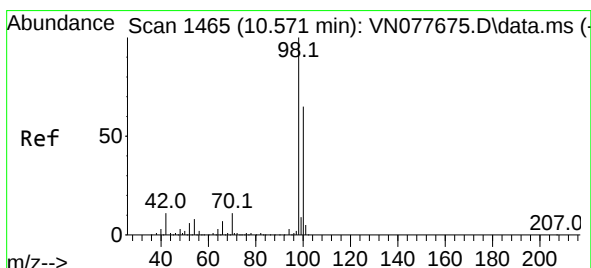
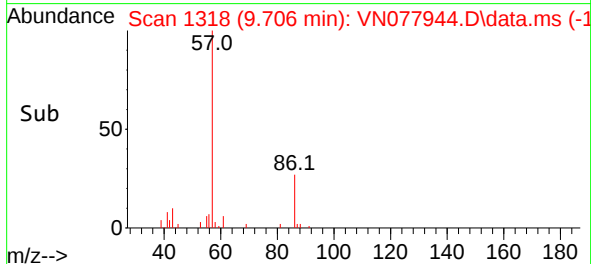
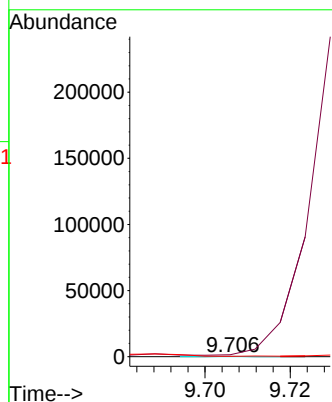
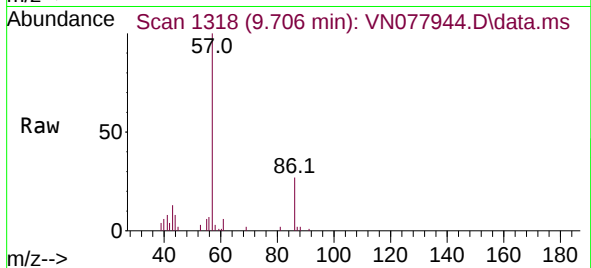




#49
1,4-Dioxane
Concen: 0.984 ug/l
RT: 9.706 min Scan# 1316
Delta R.T. 0.012 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

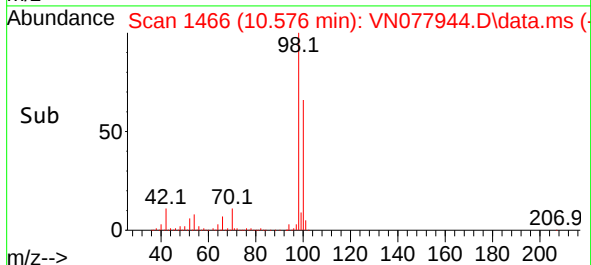
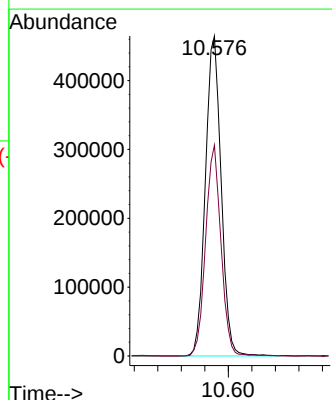
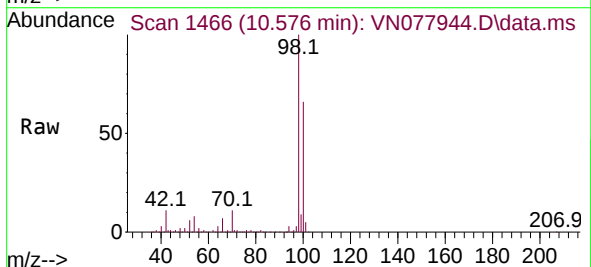
Instrument :
MSVOA_N
ClientSampleId :
PB153052TB

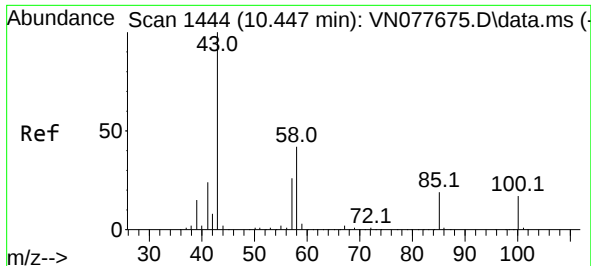
Tgt Ion: 88 Resp: 85
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 0.0 47.0 70.4#



#50
Toluene-d8
Concen: 49.485 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

Tgt Ion: 98 Resp: 862445
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 2.575 ug/l

RT: 10.459 min Scan# 1446

Delta R.T. 0.012 min

Lab File: VN077944.D

Acq: 27 May 2023 00:03

Instrument :

MSVOA_N

ClientSampleId :

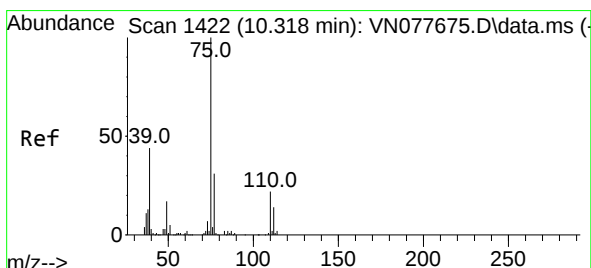
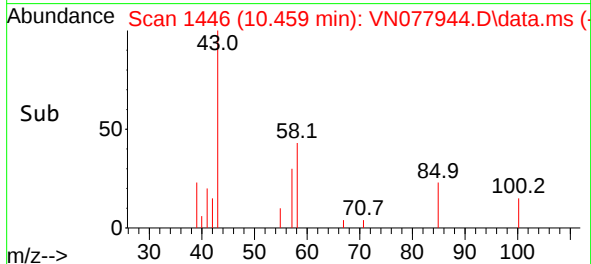
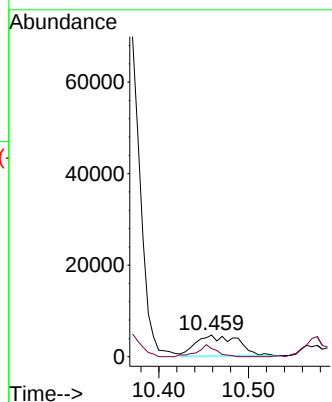
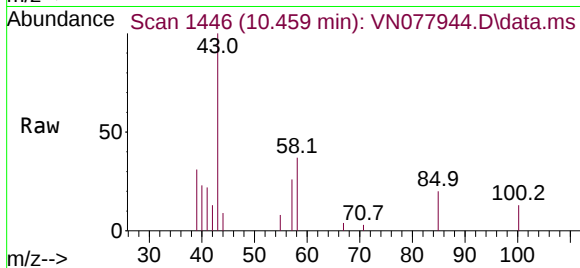
PB153052TB

Tgt Ion: 43 Resp: 14760

Ion Ratio Lower Upper

43 100

58 25.1 36.6 54.8#



#54

cis-1,3-Dichloropropene

Concen: 9.584 ug/l

RT: 10.365 min Scan# 1430

Delta R.T. 0.047 min

Lab File: VN077944.D

Acq: 27 May 2023 00:03

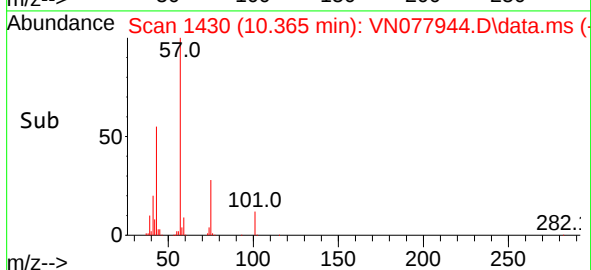
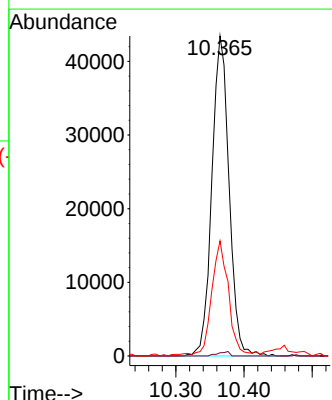
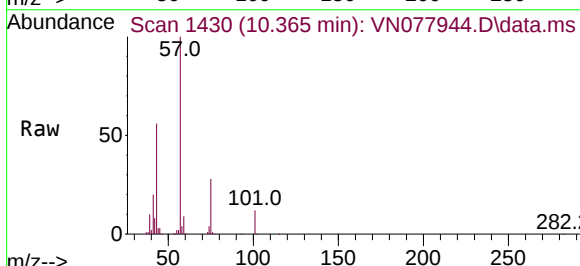
Tgt Ion: 75 Resp: 76385

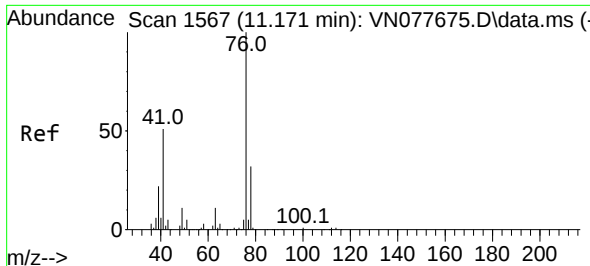
Ion Ratio Lower Upper

75 100

77 1.0 26.1 39.1#

39 35.5 31.6 47.4





#57

1,3-Dichloropropane

Concen: 1.256 ug/l

RT: 11.206 min Scan# 11

Delta R.T. 0.035 min

Lab File: VN077944.D

Acq: 27 May 2023 00:03

Instrument :

MSVOA_N

ClientSampleId :

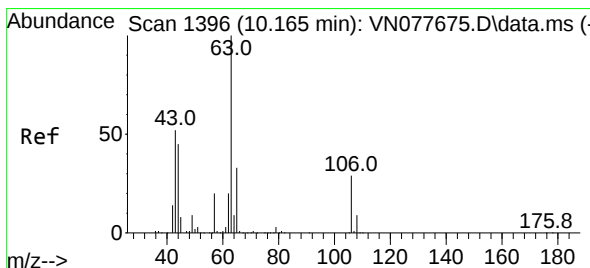
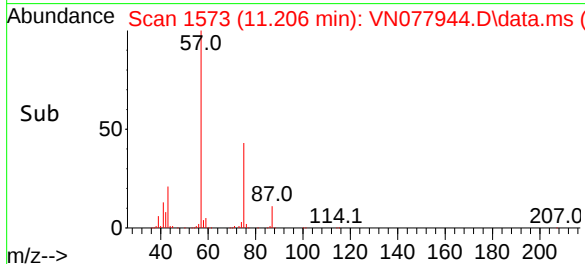
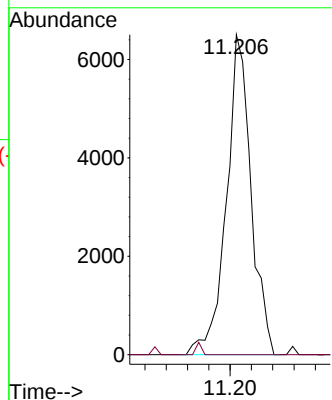
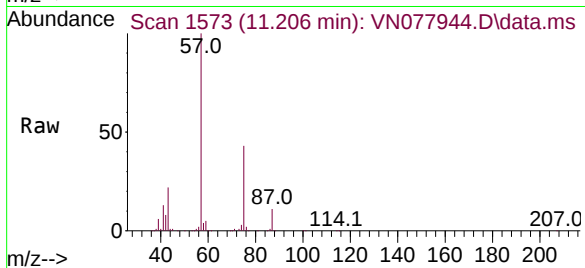
PB153052TB

Tgt Ion: 76 Resp: 10400

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#58

2-Chloroethyl Vinyl ether

Concen: 1.158 ug/l

RT: 10.171 min Scan# 1397

Delta R.T. 0.006 min

Lab File: VN077944.D

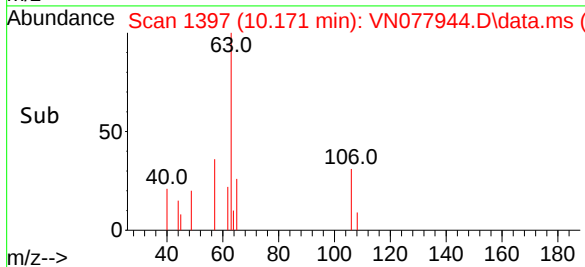
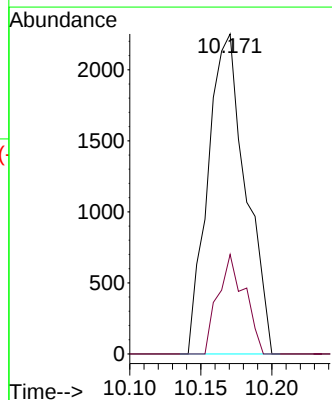
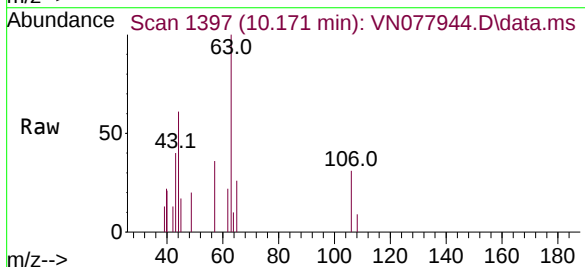
Acq: 27 May 2023 00:03

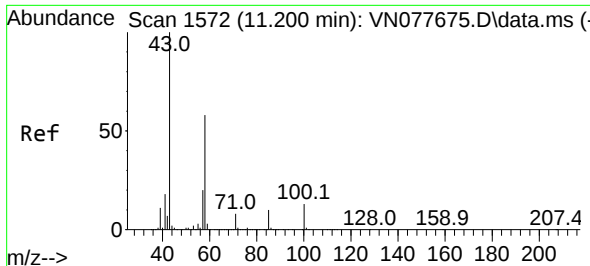
Tgt Ion: 63 Resp: 4162

Ion Ratio Lower Upper

63 100

106 22.0 26.2 39.4#

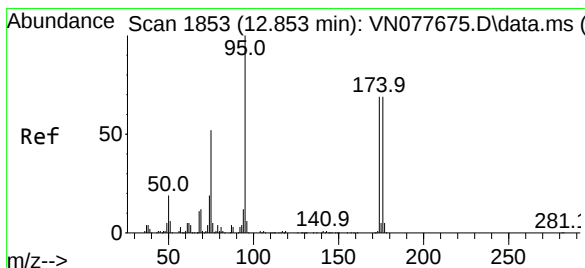
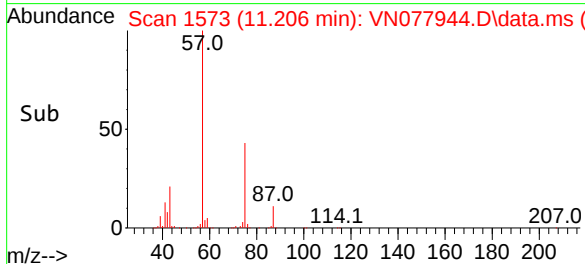
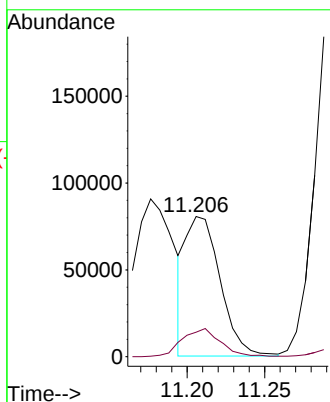
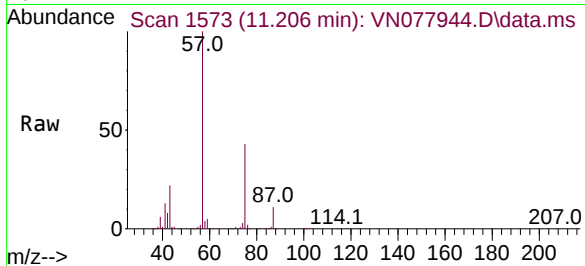




#59
2-Hexanone
Concen: 29.529 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

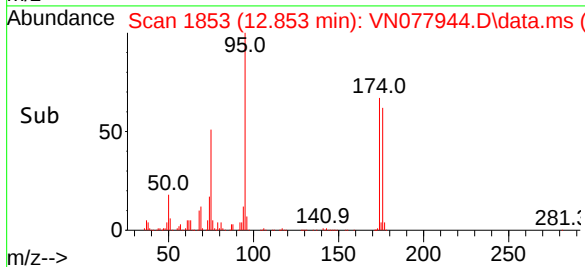
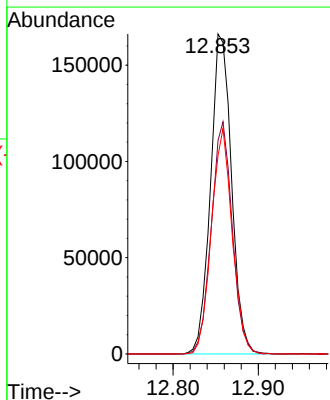
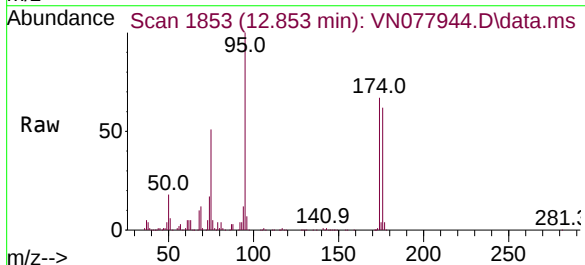
Instrument :
MSVOA_N
ClientSampleId :
PB153052TB

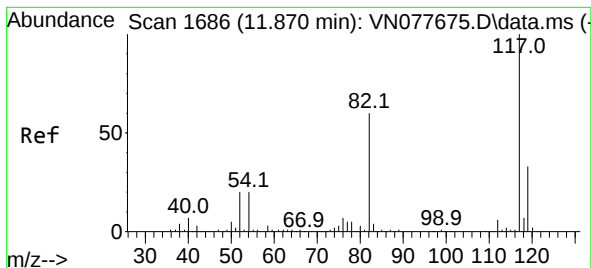
Tgt Ion: 43 Resp: 125181
Ion Ratio Lower Upper
43 100
58 22.4 31.7 95.1#



#62
4-Bromofluorobenzene
Concen: 46.201 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

Tgt Ion: 95 Resp: 284387
Ion Ratio Lower Upper
95 100
174 72.5 0.0 143.8
176 69.8 0.0 135.8

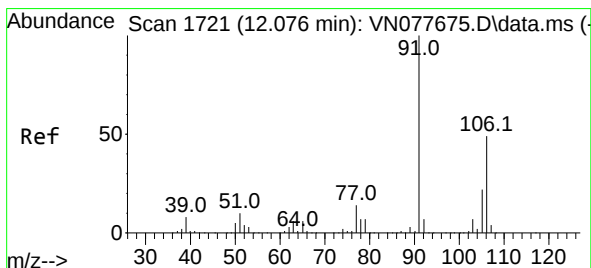
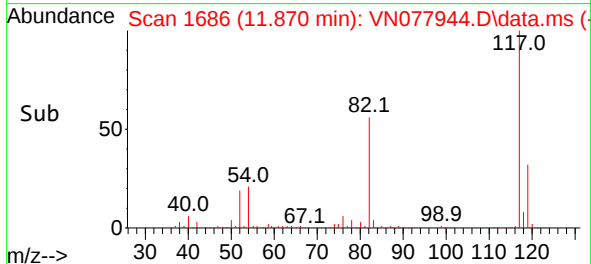
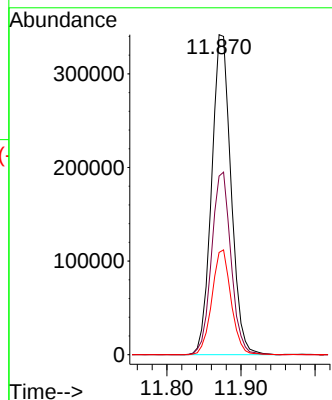
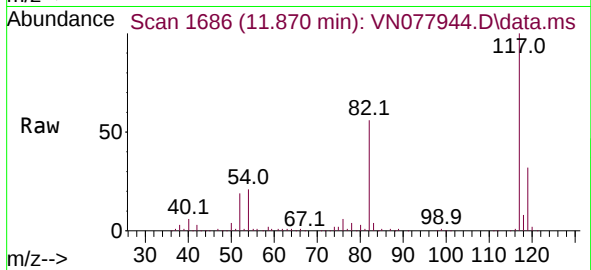




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

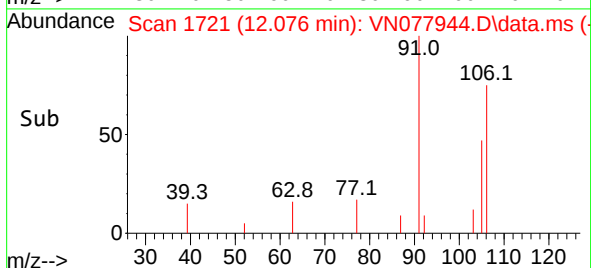
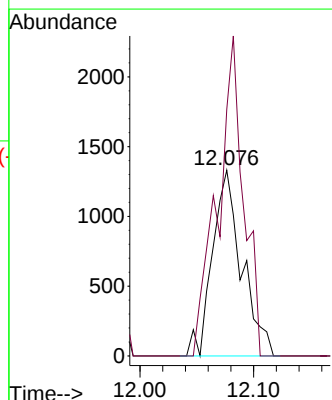
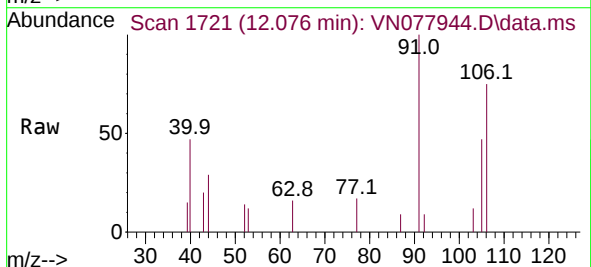
Instrument :
MSVOA_N
ClientSampleId :
PB153052TB

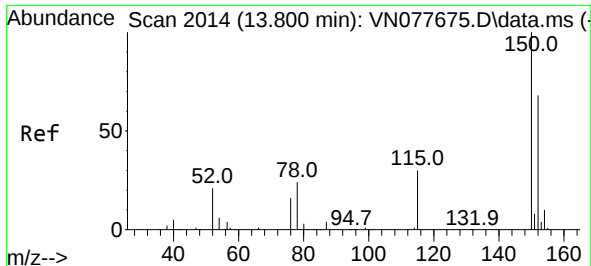
Tgt Ion:117 Resp: 622034
Ion Ratio Lower Upper
117 100
82 55.8 44.0 66.0
119 32.0 25.6 38.4



#68
m/p-Xylenes
Concen: 0.261 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

Tgt Ion:106 Resp: 2388
Ion Ratio Lower Upper
106 100
91 152.0 159.6 239.4#

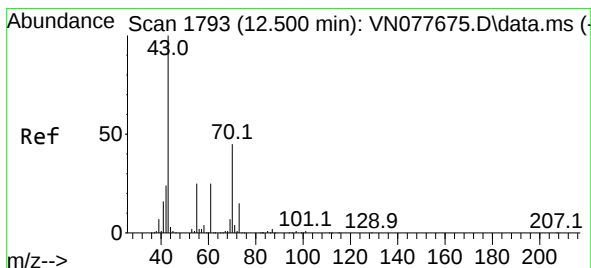
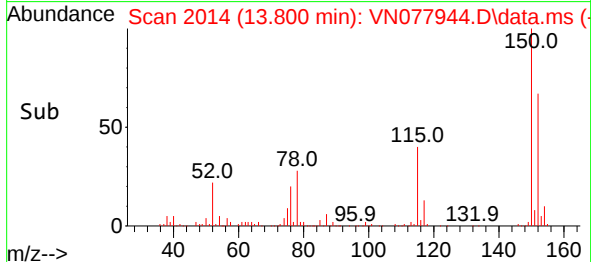
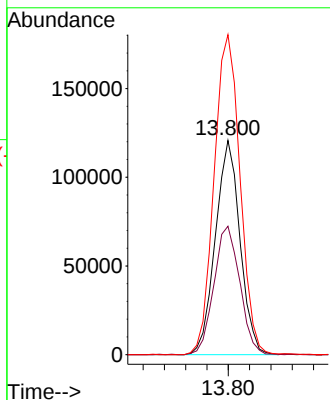
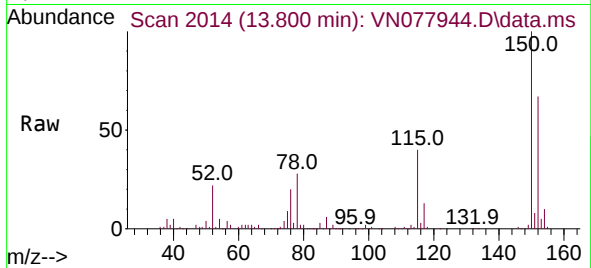




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

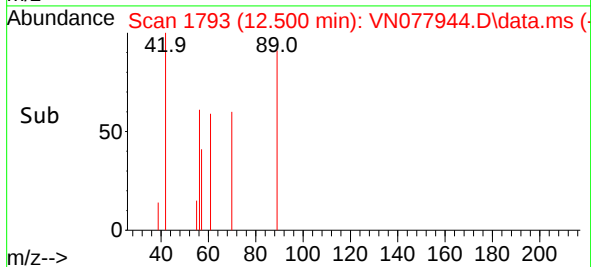
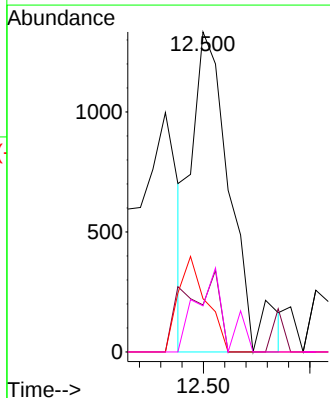
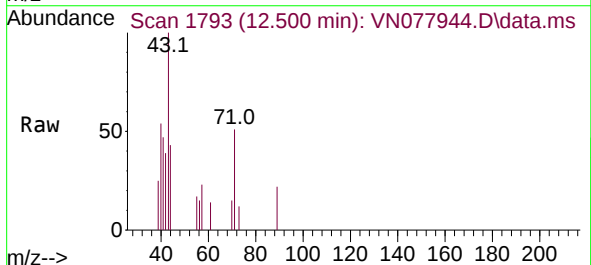
Instrument :
MSVOA_N
ClientSampleId :
PB153052TB

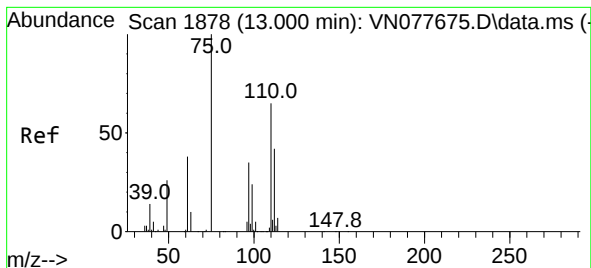
Tgt Ion:152 Resp: 193702
Ion Ratio Lower Upper
152 100
115 62.9 32.3 96.8
150 157.3 0.0 355.8



#74
N-ethyl acetate
Concen: 0.275 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

Tgt Ion: 43 Resp: 1699
Ion Ratio Lower Upper
43 100
70 21.4 43.4 65.2#
55 21.4 21.4 32.0
61 19.4 22.8 34.2#





#76

1,2,3-Trichloropropane

Concen: 31.131 ug/l

RT: 12.853 min Scan# 11

Delta R.T. -0.147 min

Lab File: VN077944.D

Acq: 27 May 2023 00:03

Instrument :

MSVOA_N

ClientSampleId :

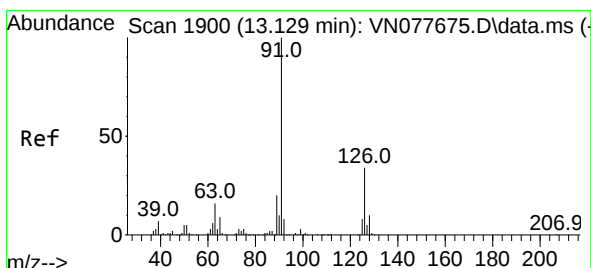
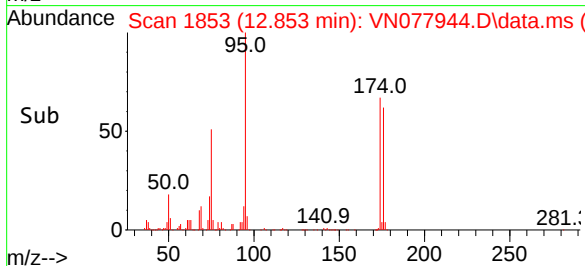
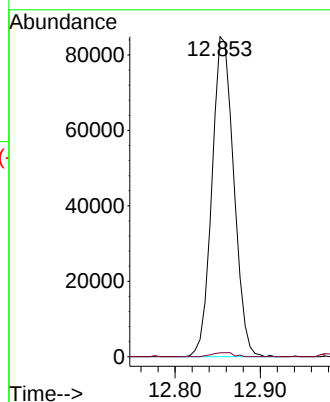
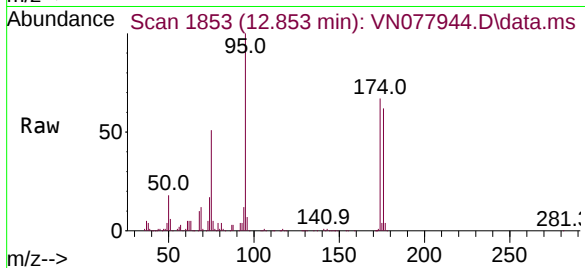
PB153052TB

Tgt Ion: 75 Resp: 151016

Ion Ratio Lower Upper

75 100

77 1.2 84.5 253.5#



#79

2-Chlorotoluene

Concen: 0.206 ug/l

RT: 13.141 min Scan# 1902

Delta R.T. 0.012 min

Lab File: VN077944.D

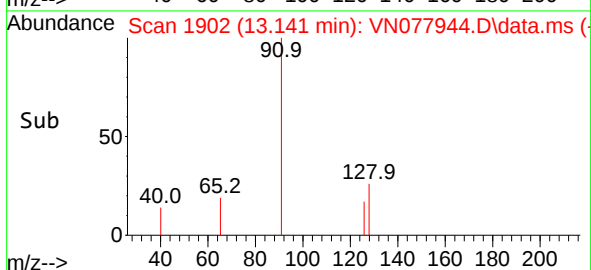
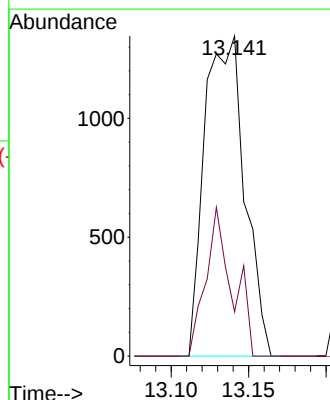
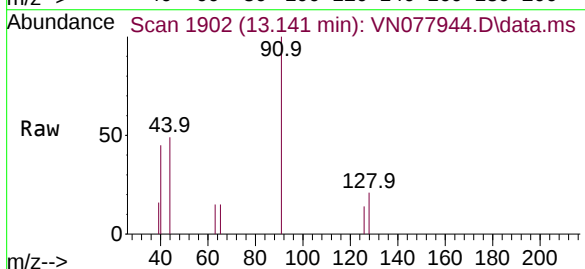
Acq: 27 May 2023 00:03

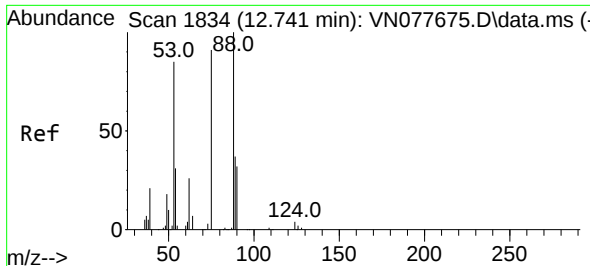
Tgt Ion: 91 Resp: 2417

Ion Ratio Lower Upper

91 100

126 30.7 16.3 48.8

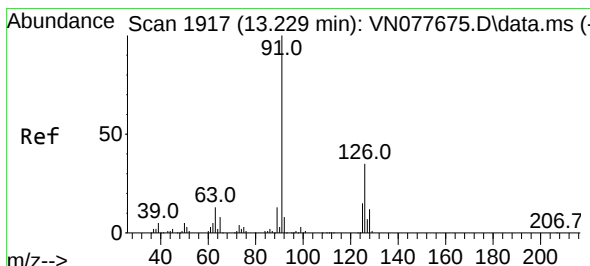
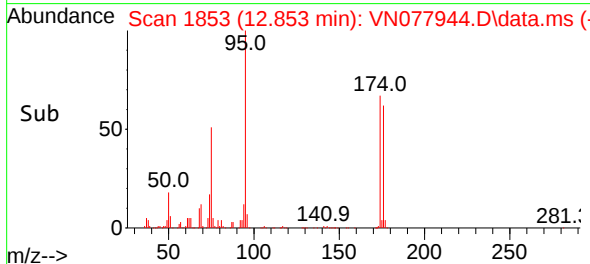
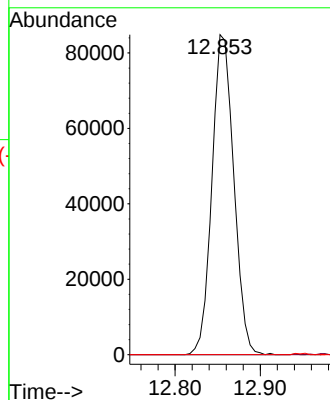
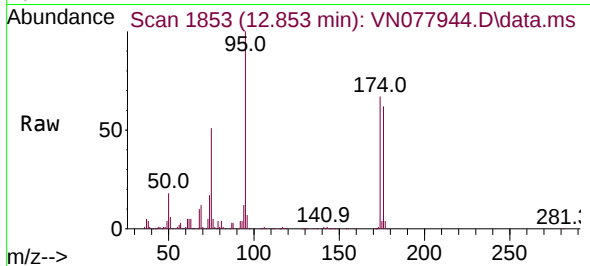




#81
trans-1,4-Dichloro-2-butene
Concen: 99.511 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

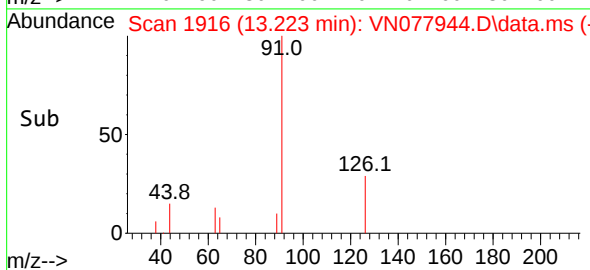
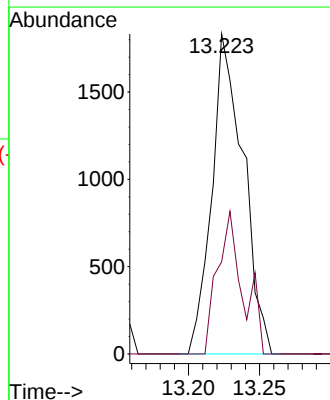
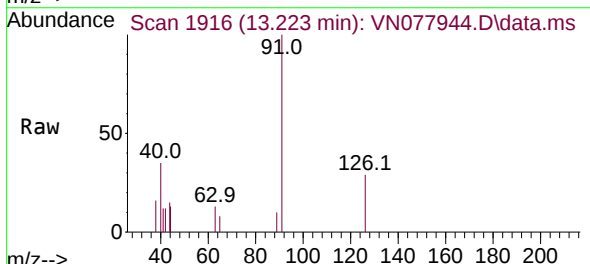
Instrument :
MSVOA_N
ClientSampleId :
PB153052TB

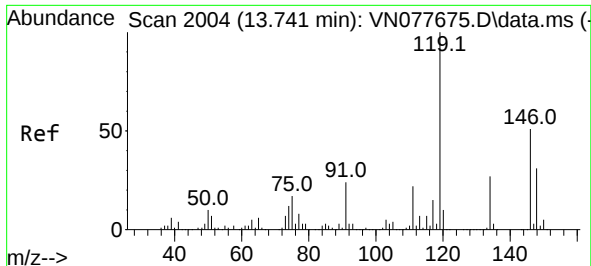
Tgt Ion: 75 Resp: 151016
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.241 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

Tgt Ion: 91 Resp: 2819
Ion Ratio Lower Upper
91 100
126 36.0 16.7 50.0





#87

1,3-Dichlorobenzene

Concen: 0.288 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN077944.D

Acq: 27 May 2023 00:03

Instrument :

MSVOA_N

ClientSampleId :

PB153052TB

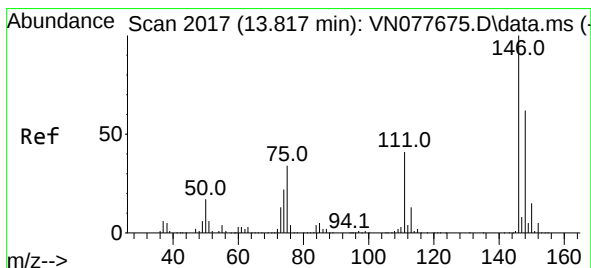
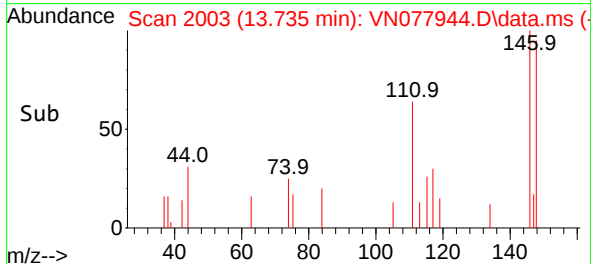
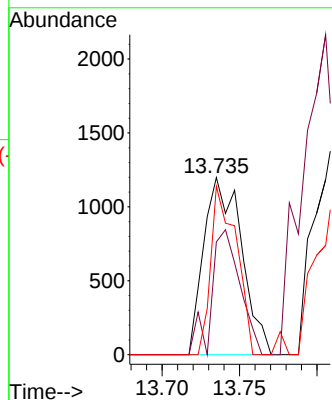
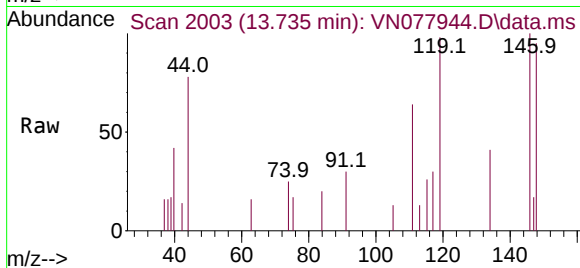
Tgt Ion:146 Resp: 2029

Ion Ratio Lower Upper

146 100

111 53.4 22.1 66.3

148 64.0 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.290 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.082 min

Lab File: VN077944.D

Acq: 27 May 2023 00:03

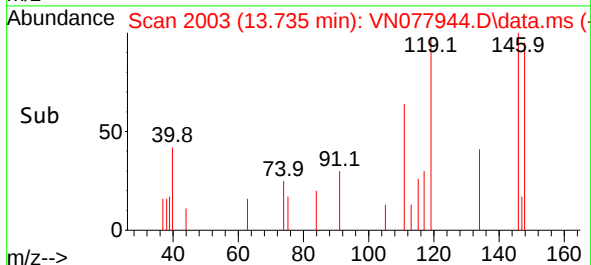
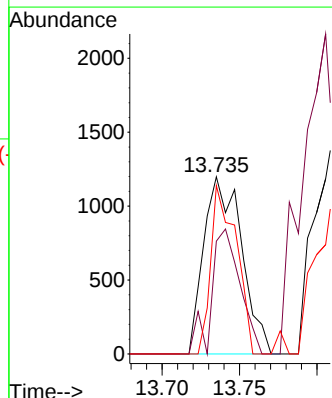
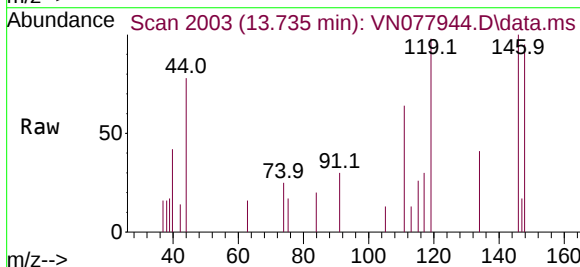
Tgt Ion:146 Resp: 2029

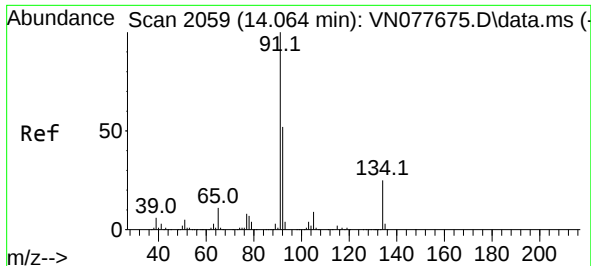
Ion Ratio Lower Upper

146 100

111 53.4 20.6 61.8

148 64.0 31.6 94.8





#89

n-Butylbenzene

Concen: 0.281 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VN077944.D

Acq: 27 May 2023 00:03

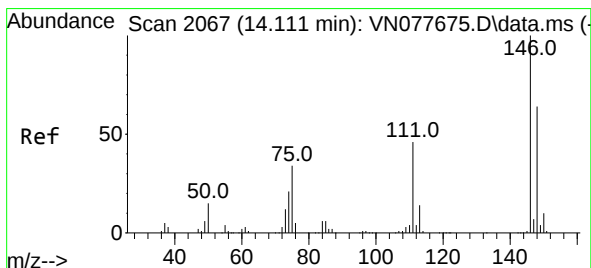
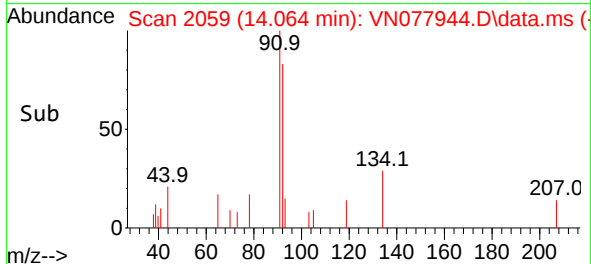
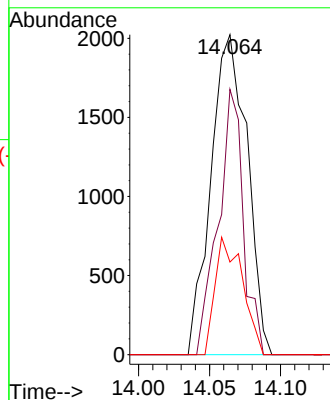
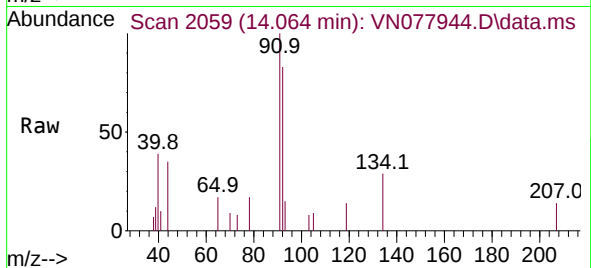
Instrument :

MSVOA_N

ClientSampleId :

PB153052TB

Tgt Ion: 91	Resp:	3592
Ion	Ratio	Lower Upper
91	100	
92	57.4	26.4 79.0
134	27.7	12.6 37.6



#91

1,2-Dichlorobenzene

Concen: 0.344 ug/l

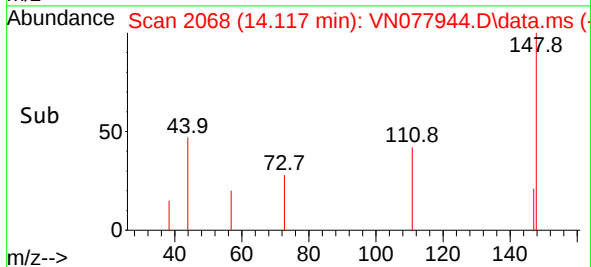
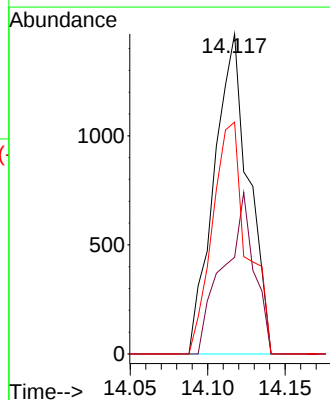
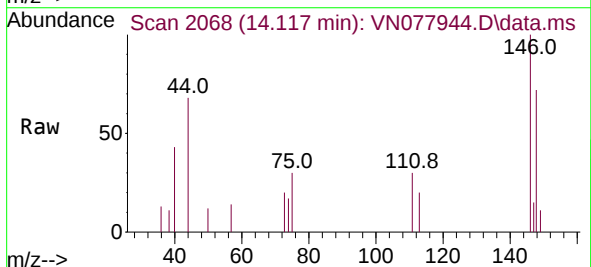
RT: 14.117 min Scan# 2068

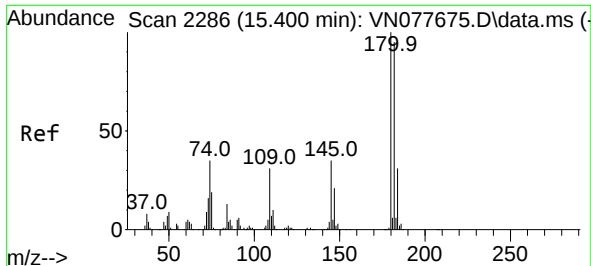
Delta R.T. 0.006 min

Lab File: VN077944.D

Acq: 27 May 2023 00:03

Tgt Ion: 146	Resp:	2267
Ion	Ratio	Lower Upper
146	100	
111	44.8	22.0 66.0
148	72.8	31.8 95.3

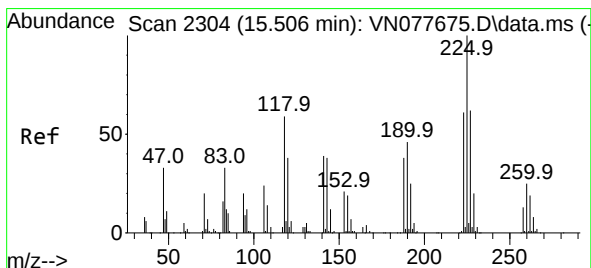
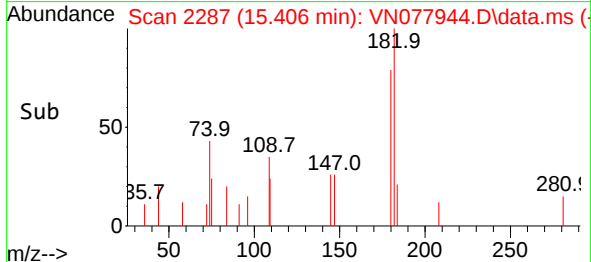
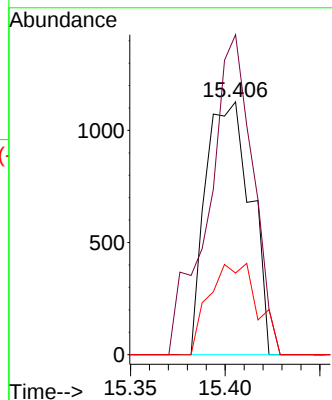
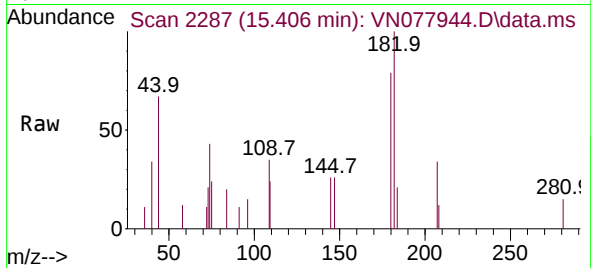




#93
1,2,4-Trichlorobenzene
Concen: 0.484 ug/l
RT: 15.406 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

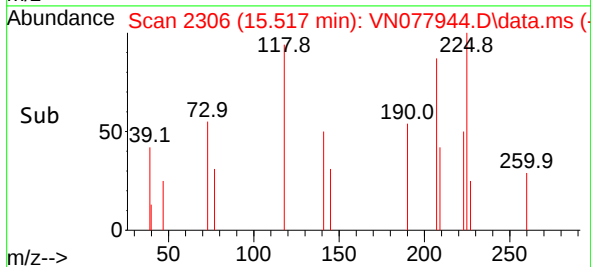
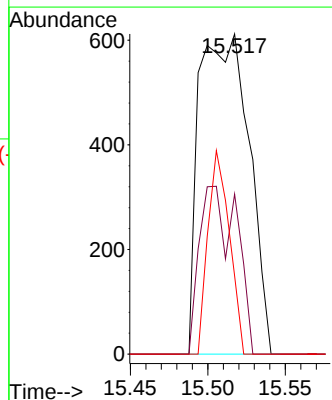
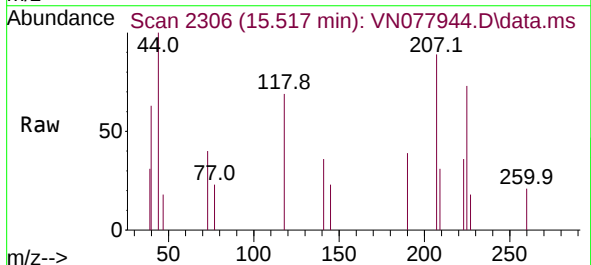
Instrument :
MSVOA_N
ClientSampleId :
PB153052TB

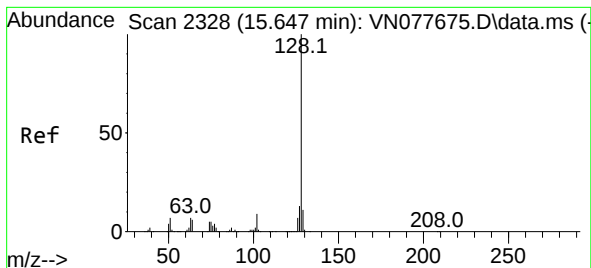
Tgt Ion:180 Resp: 1861
Ion Ratio Lower Upper
180 100
182 124.9 46.1 138.2
145 38.7 16.6 49.8



#94
Hexachlorobutadiene
Concen: 0.854 ug/l
RT: 15.517 min Scan# 2306
Delta R.T. 0.011 min
Lab File: VN077944.D
Acq: 27 May 2023 00:03

Tgt Ion:225 Resp: 1364
Ion Ratio Lower Upper
225 100
223 38.9 31.3 93.8
227 27.3 31.9 95.9#





#95

Naphthalene

Concen: 0.613 ug/l

RT: 15.653 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN077944.D

Acq: 27 May 2023 00:03

Instrument :

MSVOA_N

ClientSampleId :

PB153052TB

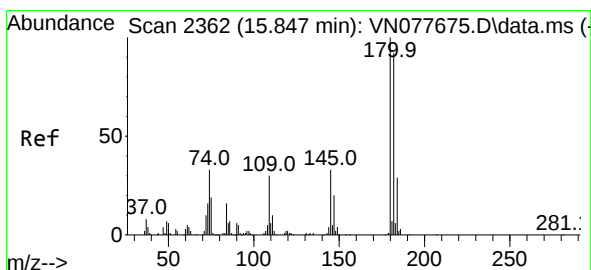
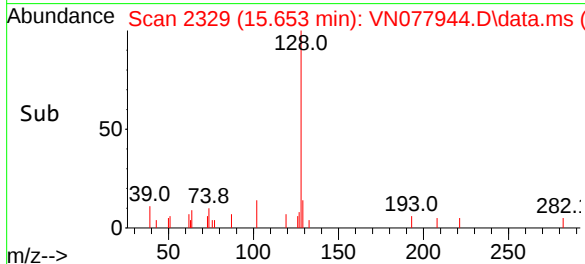
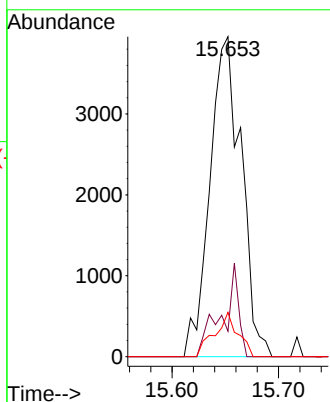
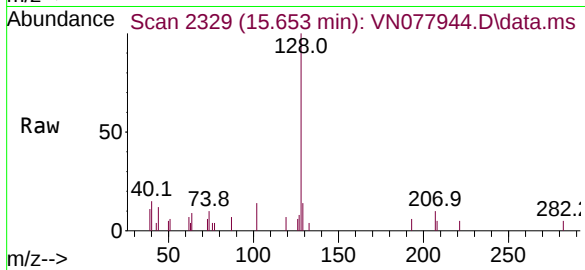
Tgt Ion:128 Resp: 8115

Ion Ratio Lower Upper

128 100

127 15.4 10.0 15.0#

129 10.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.743 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN077944.D

Acq: 27 May 2023 00:03

Tgt Ion:180 Resp: 2798

Ion Ratio Lower Upper

180 100

182 100.3 46.2 138.6

145 30.2 17.5 52.6

