

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102422\
 Data File : VX032348.D
 Acq On : 24 Oct 2022 18:17
 Operator : JC/MD
 Sample : N5260-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2022-10-21

Quant Time: Oct 25 03:58:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

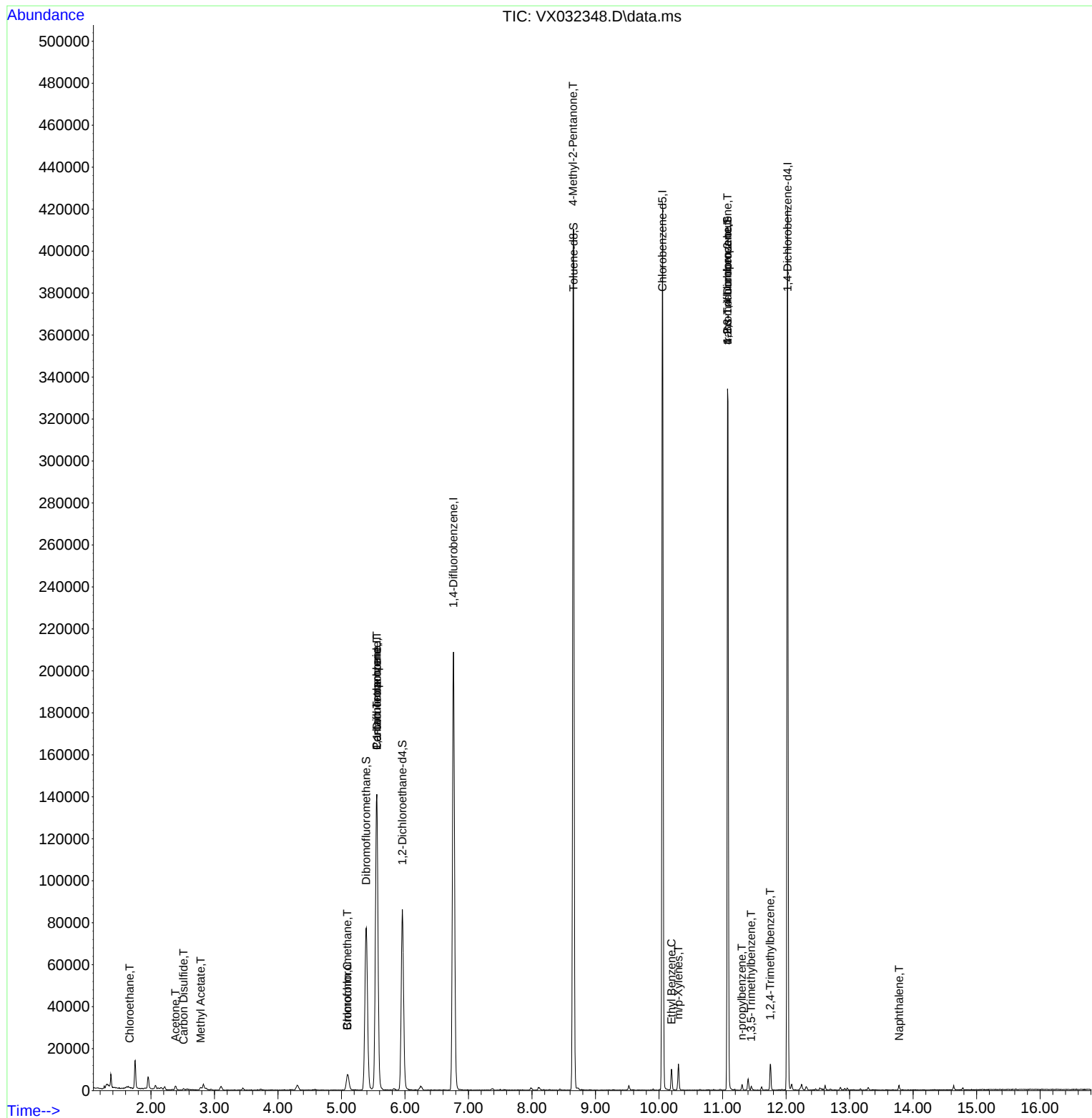
Internal Standards						
1) Pentafluorobenzene	5.556	168	133112	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	210962	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83801	48.394	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.780%		
35) Dibromofluoromethane	5.385	113	66682	45.423	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.840%		
50) Toluene-d8	8.653	98	246771	46.698	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.400%		
62) 4-Bromofluorobenzene	11.079	95	85170	44.014	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.020%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	98	Below Cal	#	44
6) Chloroethane	1.666	64	55	1.993	ug/l #	41
11) Tert butyl alcohol	2.946	59	235	Below Cal	#	74
16) Acetone	2.386	43	2329	4.144	ug/l	98
17) Carbon Disulfide	2.514	76	844	0.303	ug/l #	74
18) Methyl Acetate	2.782	43	602	0.316	ug/l #	50
28) Bromochloromethane	5.092	49	696	0.715	ug/l #	9
30) Chloroform	5.092	83	9346	3.637	ug/l	98
36) 1,1-Dichloropropene	5.556	75	10767	5.702	ug/l #	48
38) Carbon Tetrachloride	5.556	117	13785	6.915	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1035	0.569	ug/l #	1
67) Ethyl Benzene	10.195	91	5949	0.896	ug/l	99
68) m/p-Xylenes	10.305	106	2911	1.111	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	46226	27.474	ug/l #	45
78) n-propylbenzene	11.305	91	2061	0.297	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	1081	0.207	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	46226	84.311	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.750	105	6148	1.208	ug/l	99
95) Naphthalene	13.780	128	1759	0.301	ug/l	97

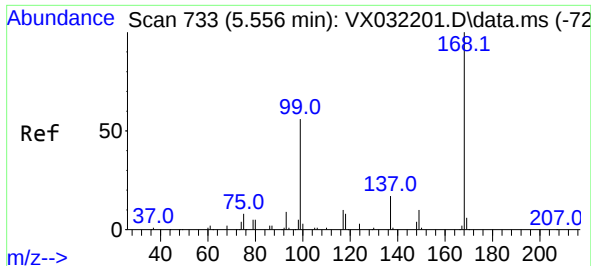
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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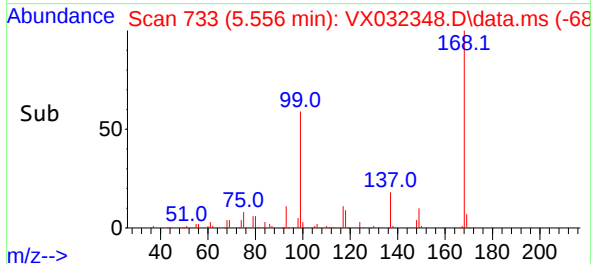
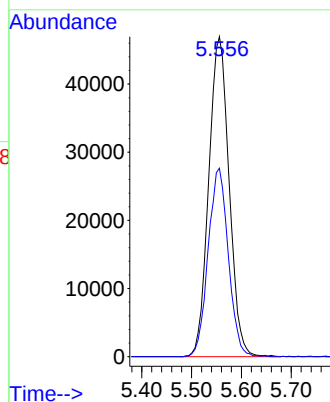
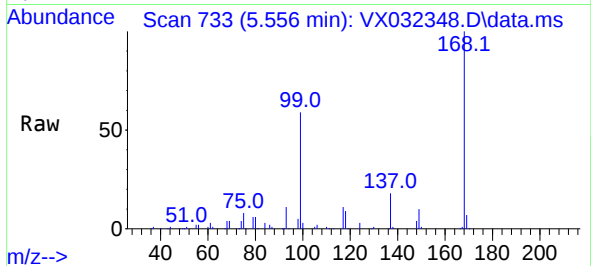




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032348.D
Acq: 24 Oct 2022 18:17

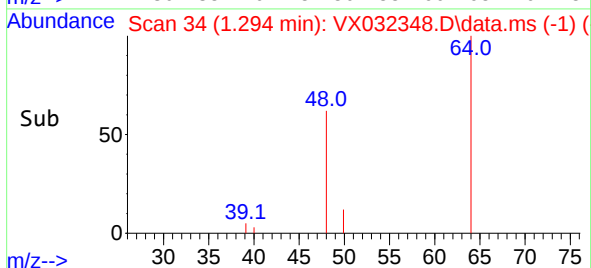
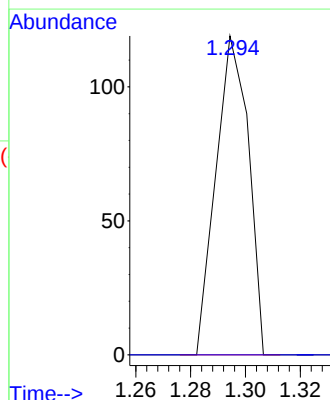
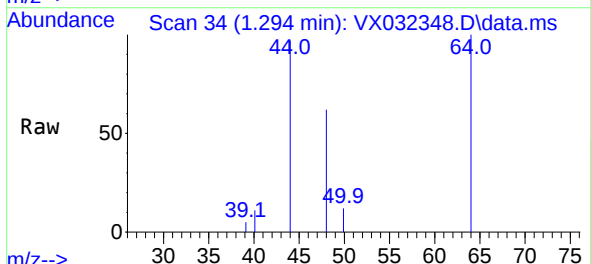
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-10-21

Tgt Ion:168 Resp: 133112
Ion Ratio Lower Upper
168 100
99 58.9 44.8 67.2

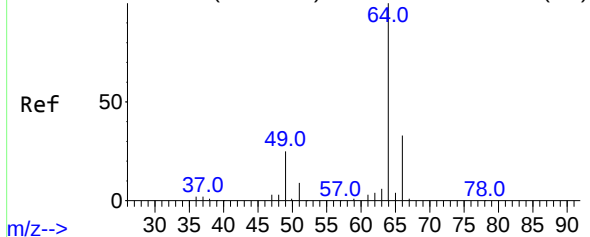


#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX032348.D
Acq: 24 Oct 2022 18:17

Tgt Ion: 50 Resp: 98
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#



Abundance Scan 98 (1.685 min): VX032201.D\data.ms (-89)



#6

Chloroethane

Concen: 1.993 ug/l

RT: 1.666 min Scan# 91

Delta R.T. -0.019 min

Lab File: VX032348.D

Acq: 24 Oct 2022 18:17

Instrument :

MSVOA_X

ClientSampleId :

EB-2022-10-21

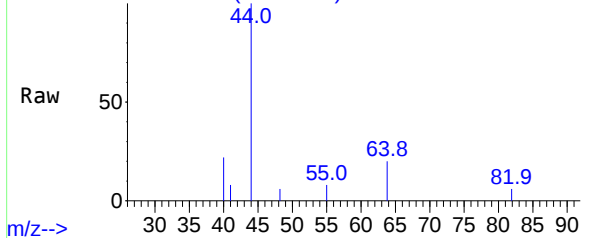
Tgt Ion: 64 Resp: 55

Ion Ratio Lower Upper

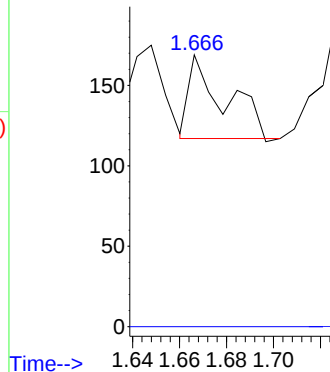
64 100

66 0.0 26.6 39.8#

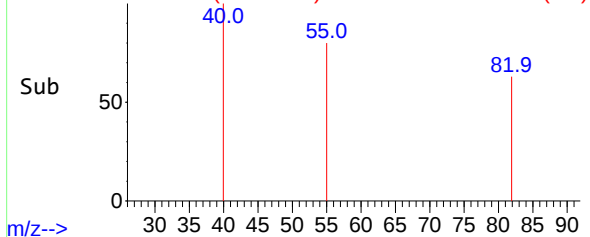
Abundance Scan 95 (1.666 min): VX032348.D\data.ms



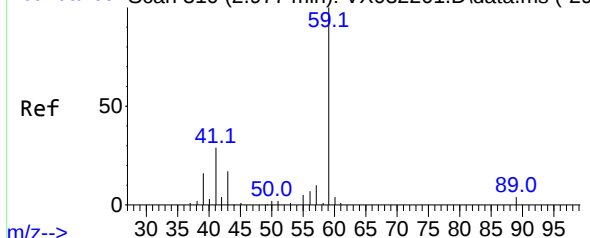
Abundance



Abundance Scan 95 (1.666 min): VX032348.D\data.ms (-49)



Abundance Scan 310 (2.977 min): VX032201.D\data.ms (-29)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.946 min Scan# 305

Delta R.T. -0.030 min

Lab File: VX032348.D

Acq: 24 Oct 2022 18:17

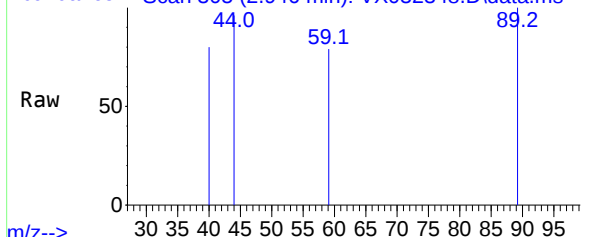
Tgt Ion: 59 Resp: 235

Ion Ratio Lower Upper

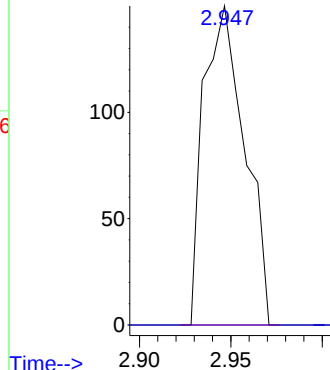
59 100

57 0.0 7.5 11.3#

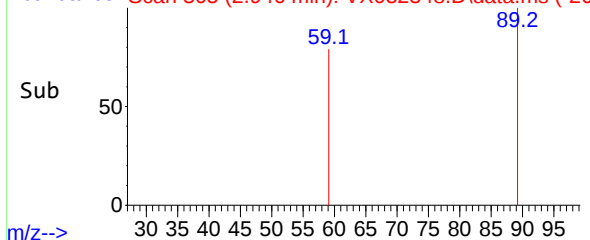
Abundance Scan 305 (2.946 min): VX032348.D\data.ms

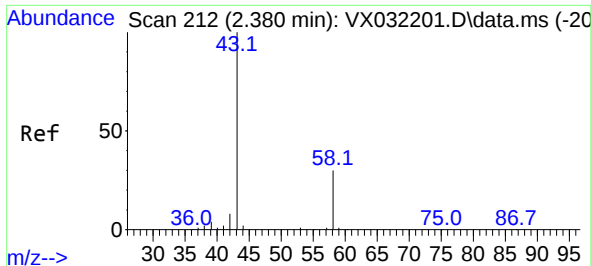


Abundance



Abundance Scan 305 (2.946 min): VX032348.D\data.ms (-26)

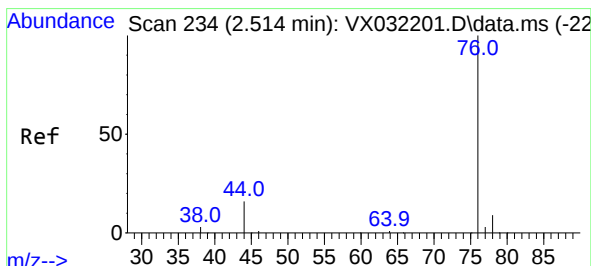
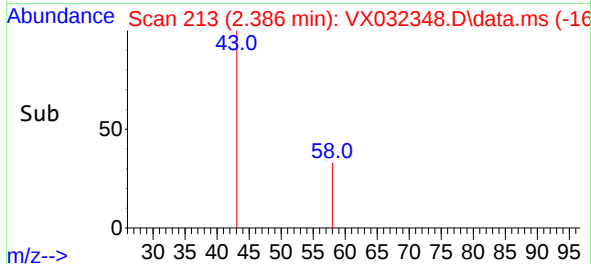
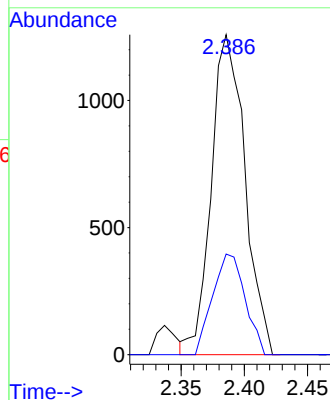
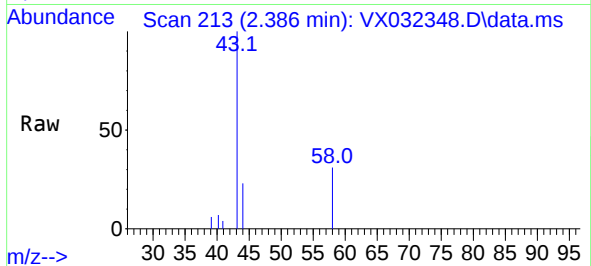




#16
Acetone
Concen: 4.144 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032348.D
Acq: 24 Oct 2022 18:17

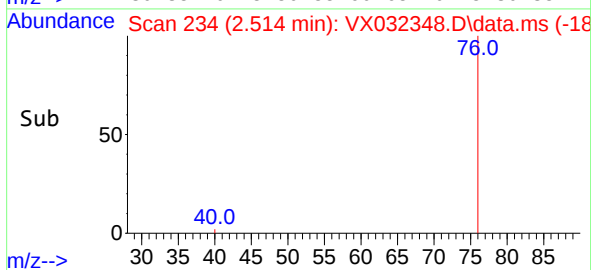
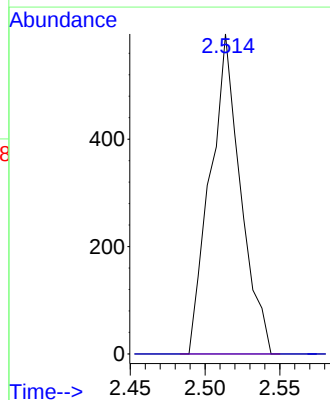
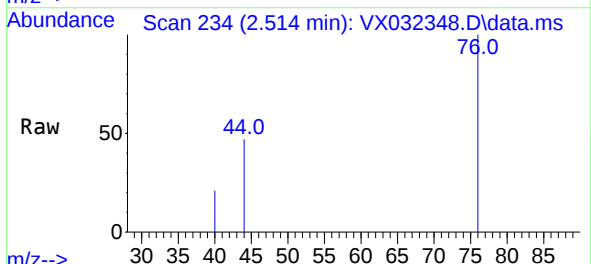
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-10-21

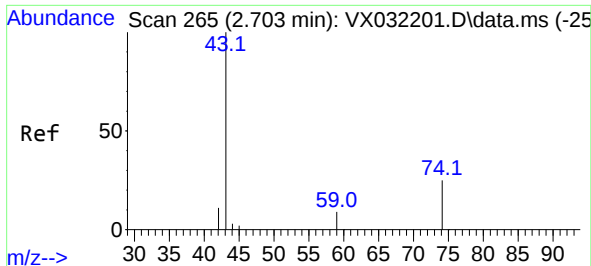
Tgt Ion: 43 Resp: 2329
Ion Ratio Lower Upper
43 100
58 31.5 24.2 36.2



#17
Carbon Disulfide
Concen: 0.303 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX032348.D
Acq: 24 Oct 2022 18:17

Tgt Ion: 76 Resp: 844
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#





#18

Methyl Acetate

Concen: 0.316 ug/l

RT: 2.782 min Scan# 21

Delta R.T. 0.079 min

Lab File: VX032348.D

Acq: 24 Oct 2022 18:17

Instrument :

MSVOA_X

ClientSampleId :

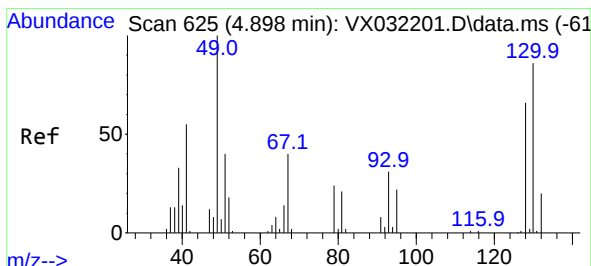
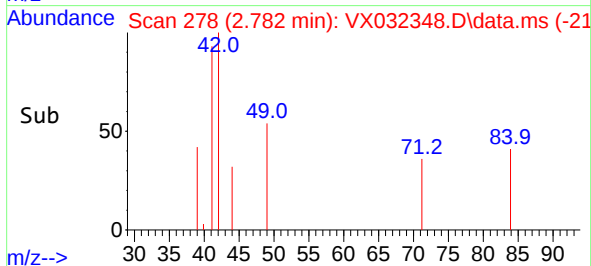
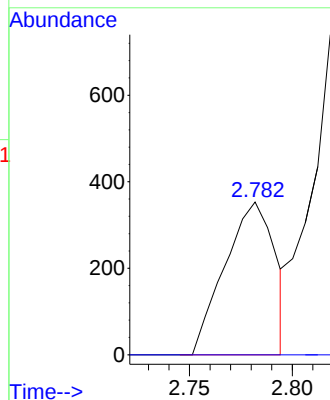
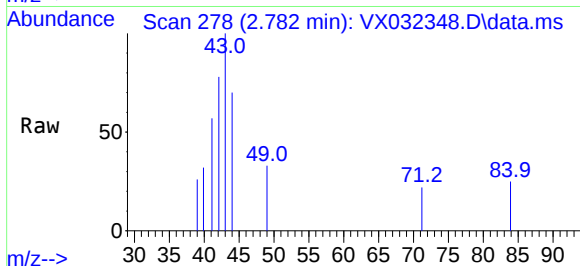
EB-2022-10-21

Tgt Ion: 43 Resp: 602

Ion Ratio Lower Upper

43 100

74 0.0 19.8 29.8#



#28

Bromochloromethane

Concen: 0.715 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.194 min

Lab File: VX032348.D

Acq: 24 Oct 2022 18:17

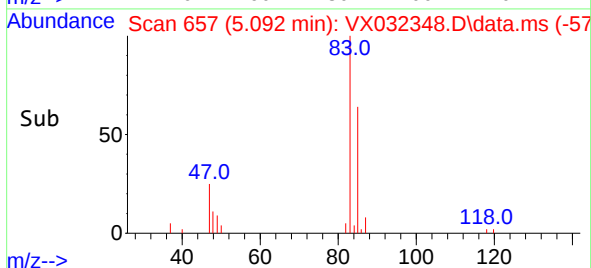
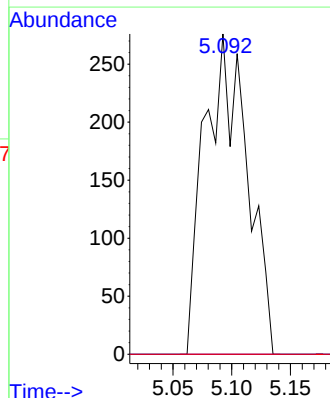
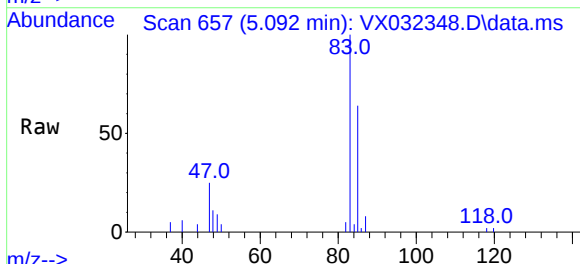
Tgt Ion: 49 Resp: 696

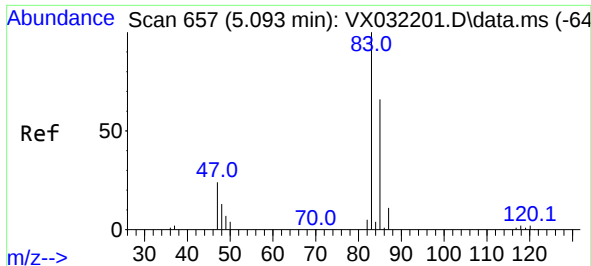
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.8

130 0.0 68.3 102.5#





#30

Chloroform

Concen: 3.637 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.001 min

Lab File: VX032348.D

Acq: 24 Oct 2022 18:17

Instrument :

MSVOA_X

ClientSampleId :

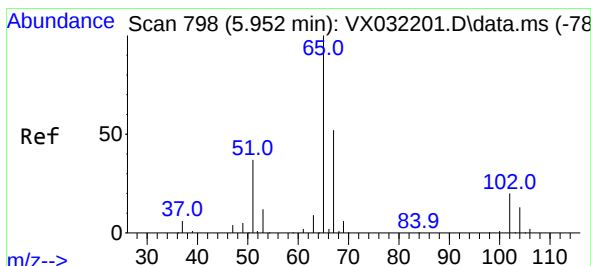
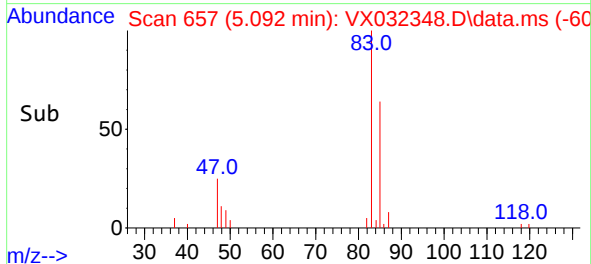
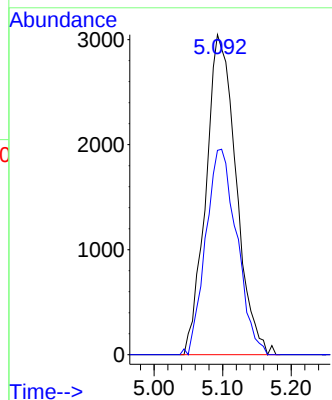
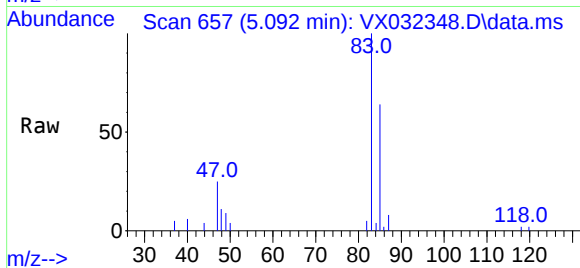
EB-2022-10-21

Tgt Ion: 83 Resp: 9346

Ion Ratio Lower Upper

83 100

85 63.8 52.5 78.7



#33

1,2-Dichloroethane-d4

Concen: 48.394 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.006 min

Lab File: VX032348.D

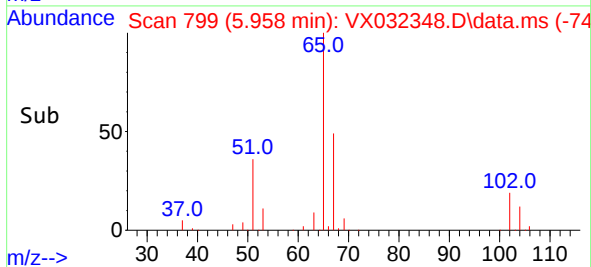
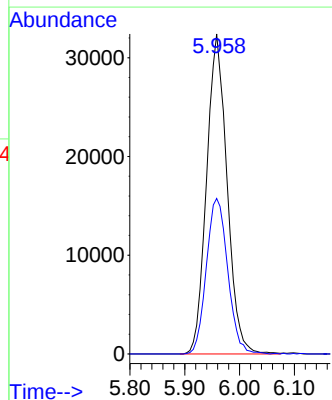
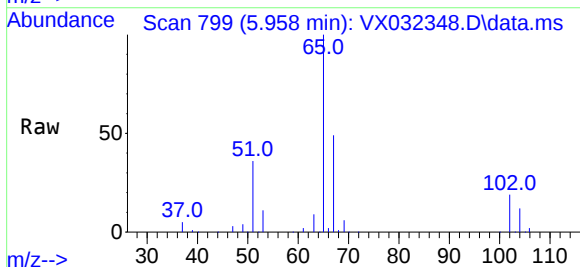
Acq: 24 Oct 2022 18:17

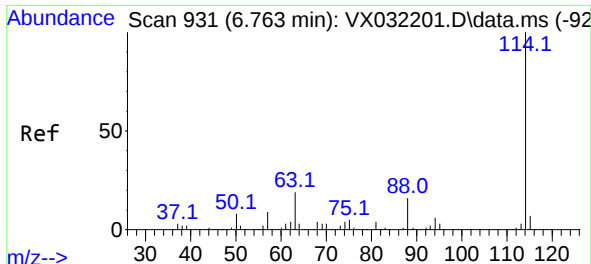
Tgt Ion: 65 Resp: 83801

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.6

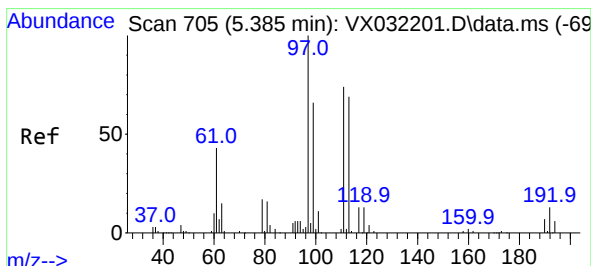
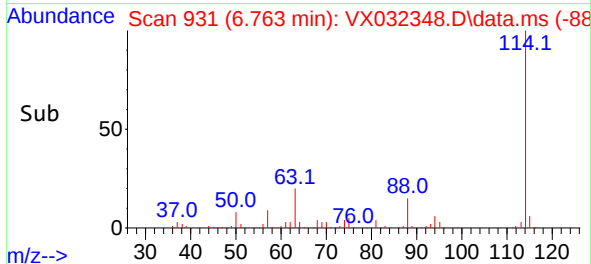
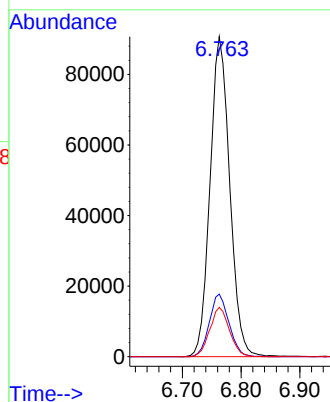
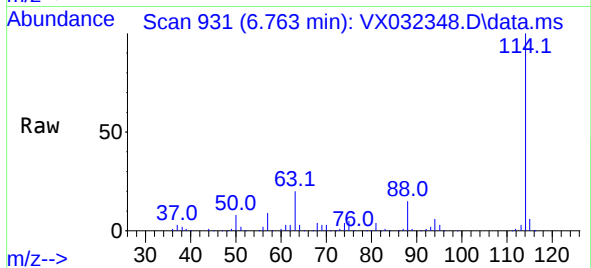




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032348.D
Acq: 24 Oct 2022 18:17

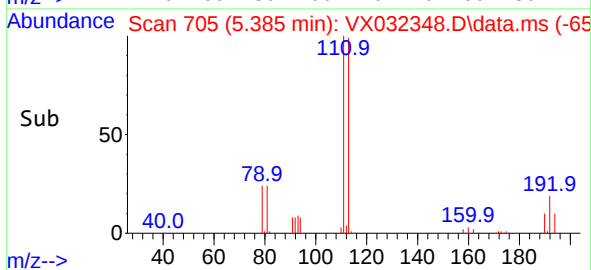
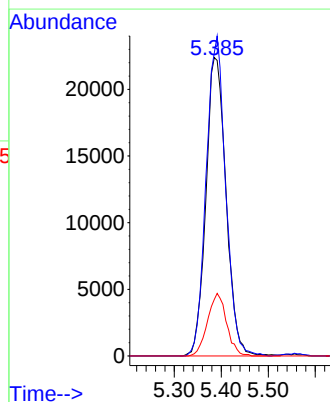
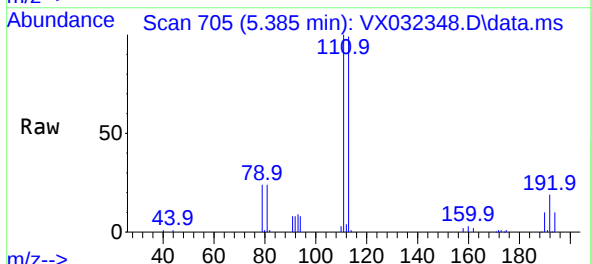
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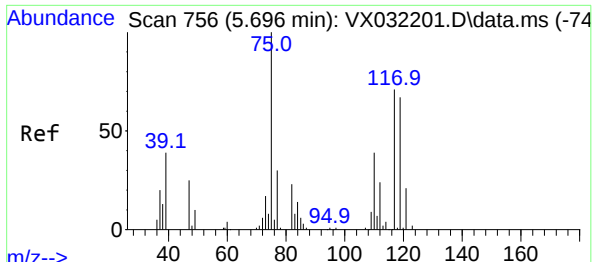
Tgt Ion:114 Resp: 210962
Ion Ratio Lower Upper
114 100
63 19.6 0.0 38.6
88 15.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 45.423 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032348.D
Acq: 24 Oct 2022 18:17

Tgt Ion:113 Resp: 66682
Ion Ratio Lower Upper
113 100
111 103.9 82.8 124.2
192 19.8 15.5 23.3

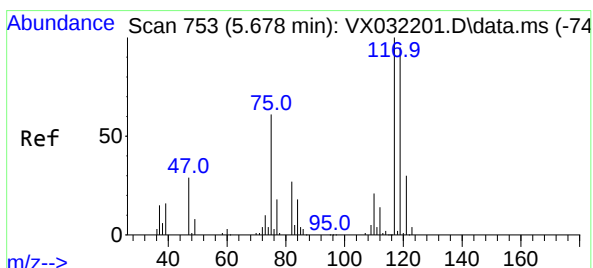
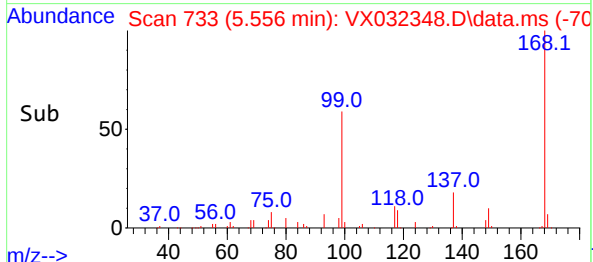
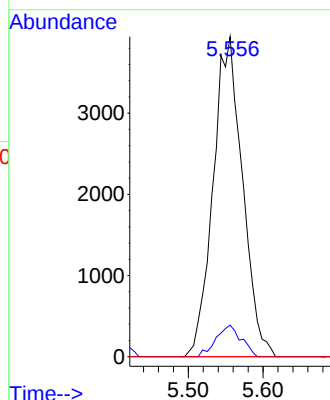
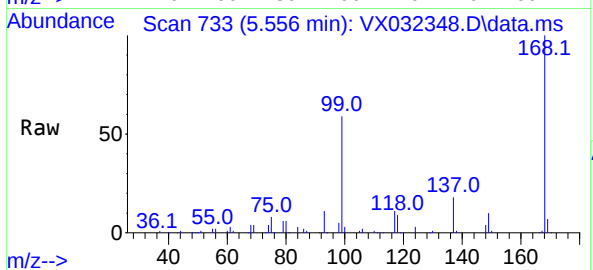




#36
1,1-Dichloropropene
Concen: 5.702 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX032348.D
Acq: 24 Oct 2022 18:17

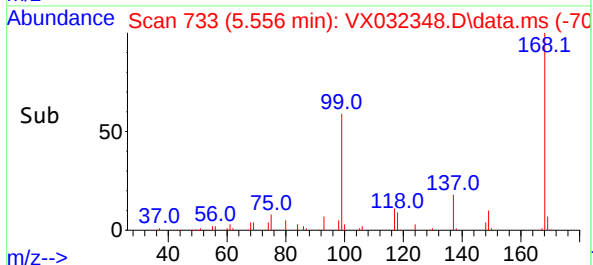
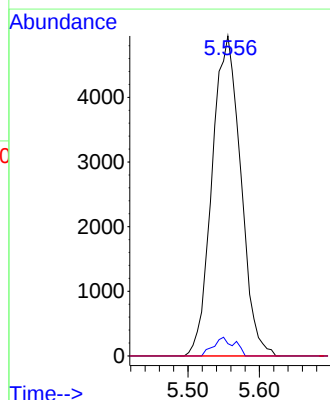
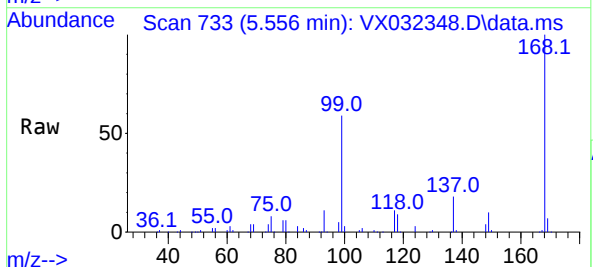
Instrument :
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EB-2022-10-21

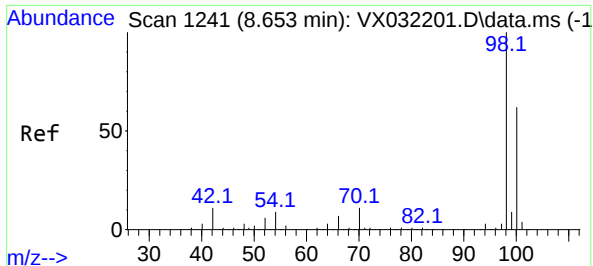
Tgt Ion: 75 Resp: 10767
Ion Ratio Lower Upper
75 100
110 8.4 18.4 55.0#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.915 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX032348.D
Acq: 24 Oct 2022 18:17

Tgt Ion: 117 Resp: 13785
Ion Ratio Lower Upper
117 100
119 3.9 75.4 113.0#
121 0.0 23.9 35.9#

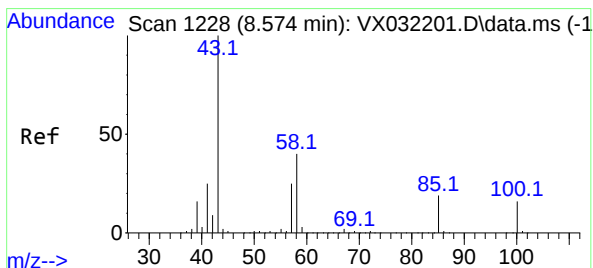
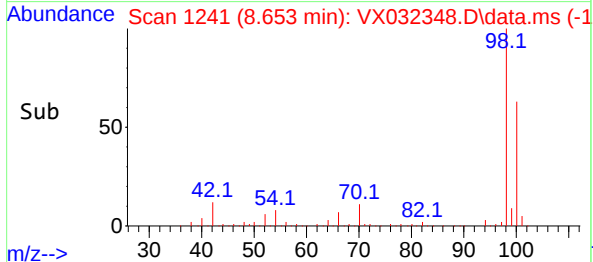
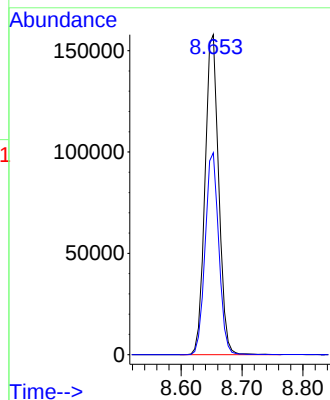
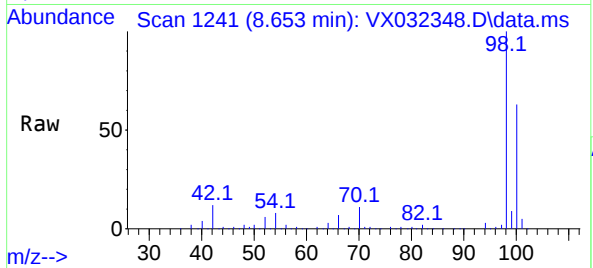




#50
Toluene-d8
Concen: 46.698 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032348.D
Acq: 24 Oct 2022 18:17

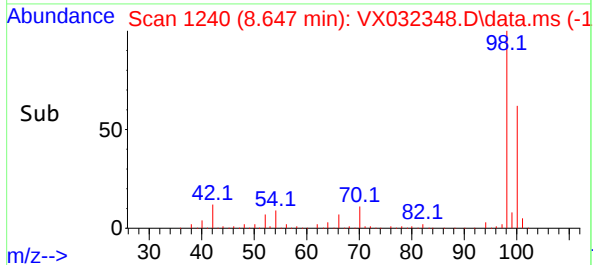
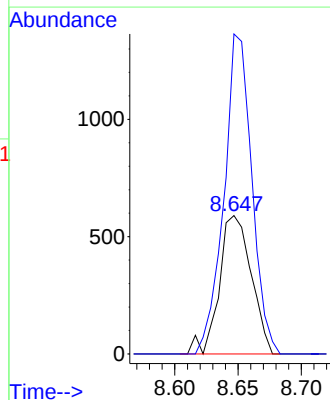
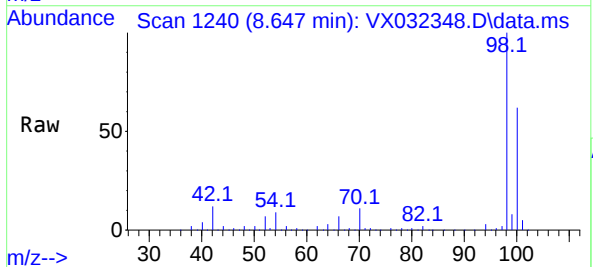
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-10-21

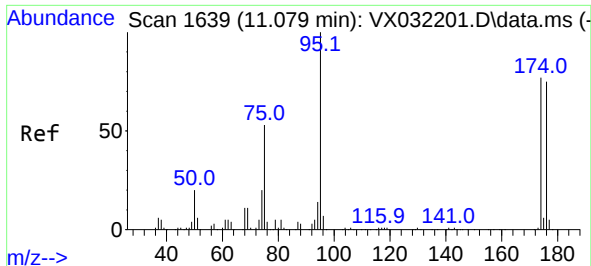
Tgt Ion: 98 Resp: 246771
Ion Ratio Lower Upper
98 100
100 62.8 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.569 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032348.D
Acq: 24 Oct 2022 18:17

Tgt Ion: 43 Resp: 1035
Ion Ratio Lower Upper
43 100
58 202.3 31.0 46.4#

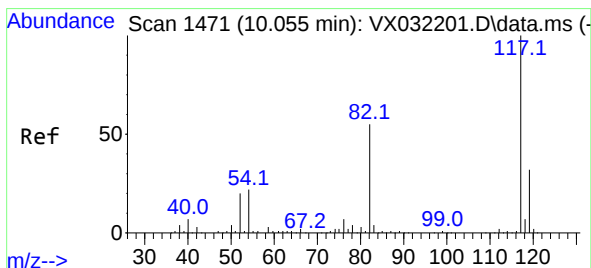
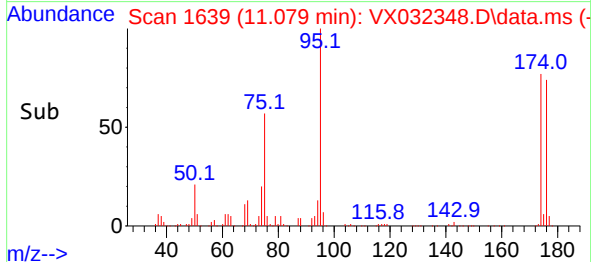
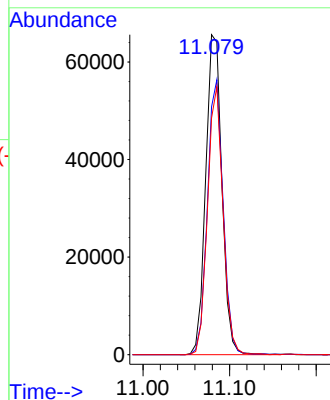
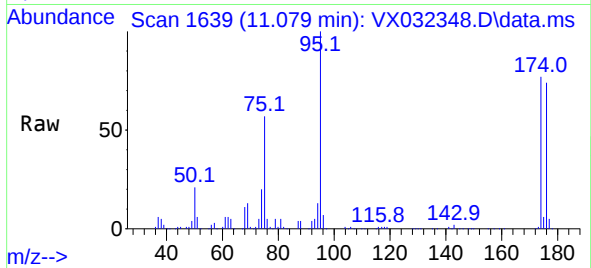




#62
4-Bromofluorobenzene
Concen: 44.014 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032348.D
Acq: 24 Oct 2022 18:17

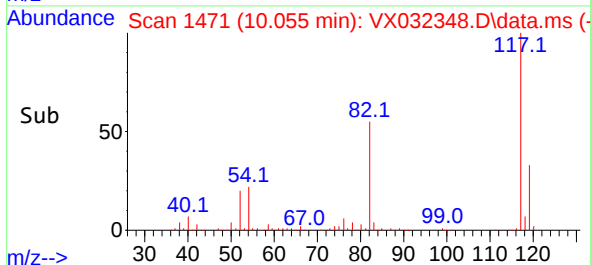
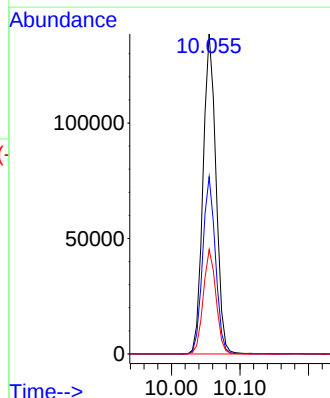
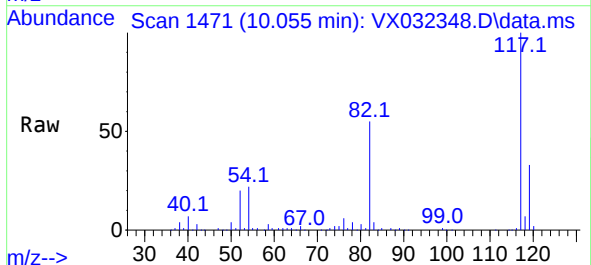
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-10-21

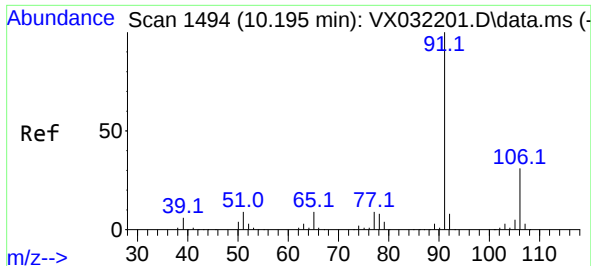
Tgt Ion: 95 Resp: 85170
Ion Ratio Lower Upper
95 100
174 83.6 0.0 166.8
176 80.2 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032348.D
Acq: 24 Oct 2022 18:17

Tgt Ion: 117 Resp: 182822
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.4
119 32.6 25.8 38.8

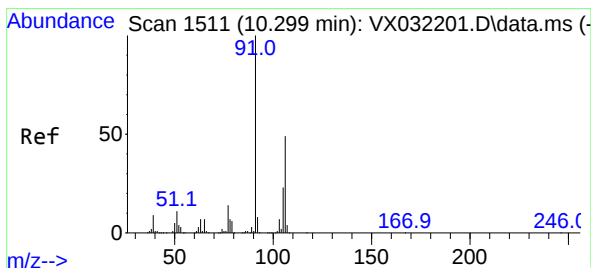
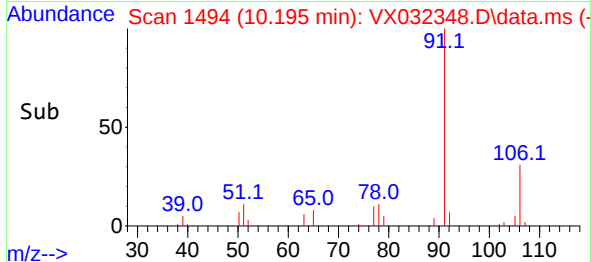
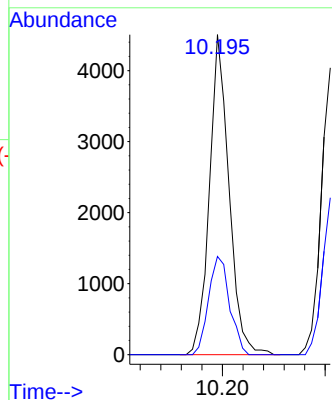
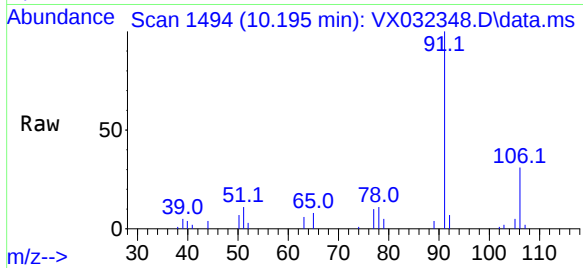




#67
Ethyl Benzene
Concen: 0.896 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032348.D
Acq: 24 Oct 2022 18:17

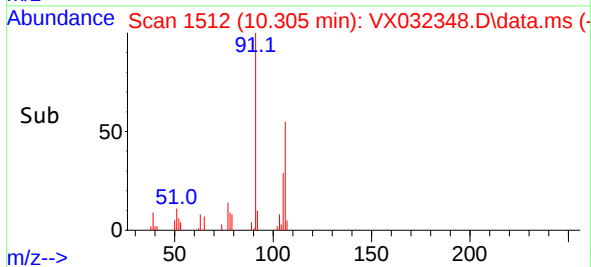
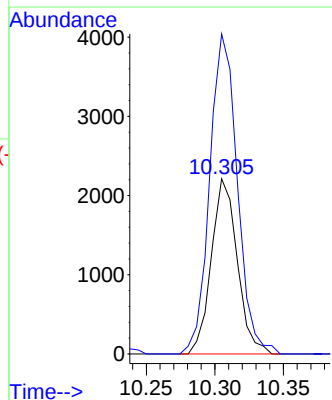
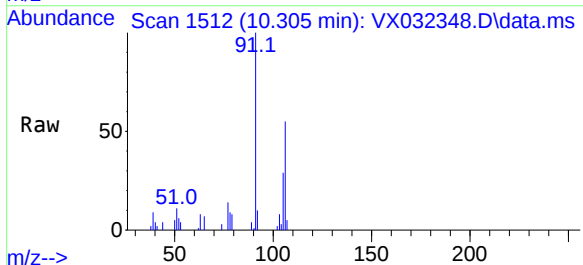
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-10-21

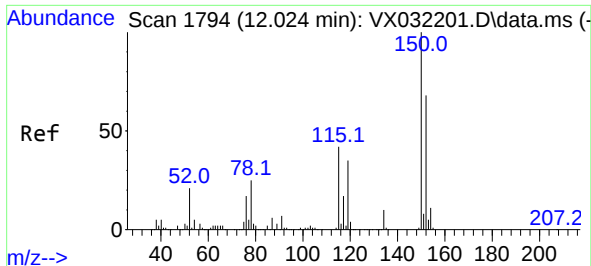
Tgt Ion: 91 Resp: 5949
Ion Ratio Lower Upper
91 100
106 30.7 25.0 37.4



#68
m/p-Xylenes
Concen: 1.111 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX032348.D
Acq: 24 Oct 2022 18:17

Tgt Ion: 106 Resp: 2911
Ion Ratio Lower Upper
106 100
91 194.9 162.6 244.0

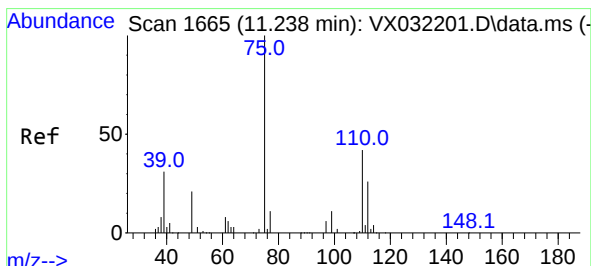
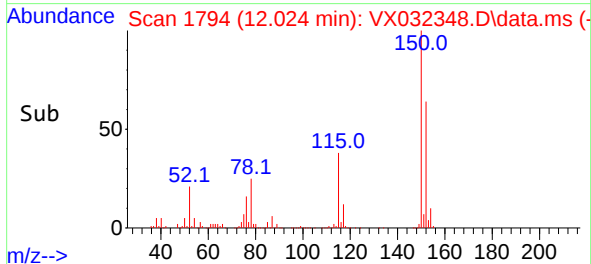
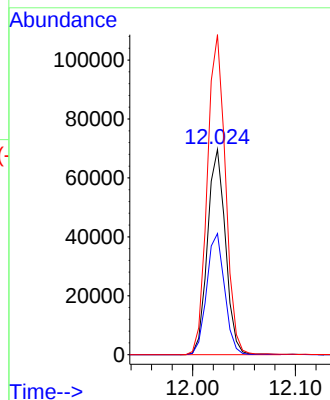
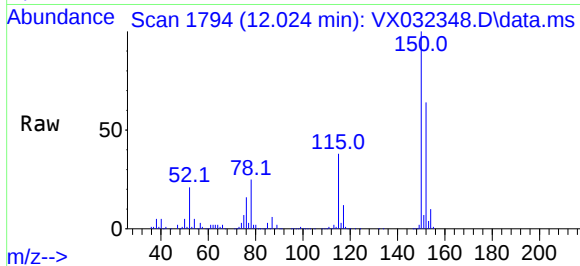




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032348.D
Acq: 24 Oct 2022 18:17

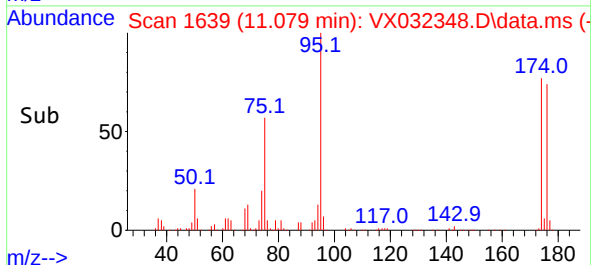
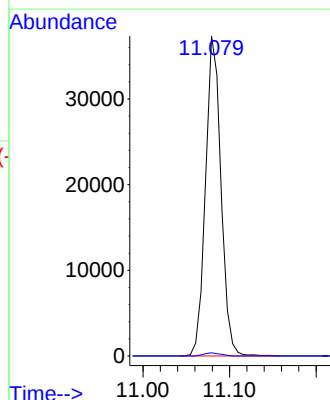
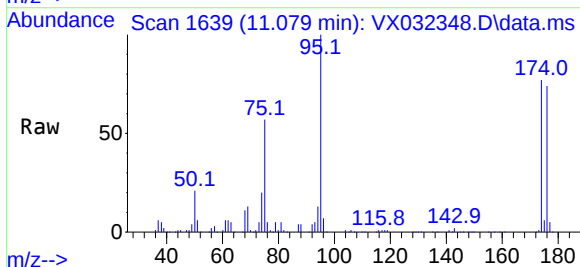
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-10-21

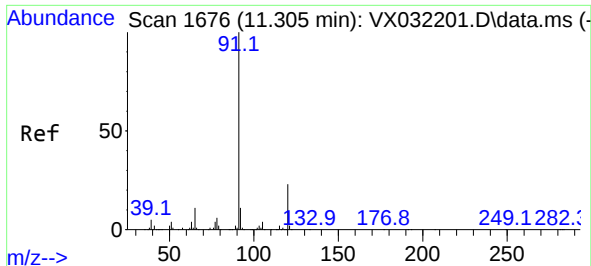
Tgt Ion:152 Resp: 84914
Ion Ratio Lower Upper
152 100
115 59.1 43.1 129.4
150 157.9 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 27.474 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032348.D
Acq: 24 Oct 2022 18:17

Tgt Ion: 75 Resp: 46226
Ion Ratio Lower Upper
75 100
77 1.0 16.0 47.9#

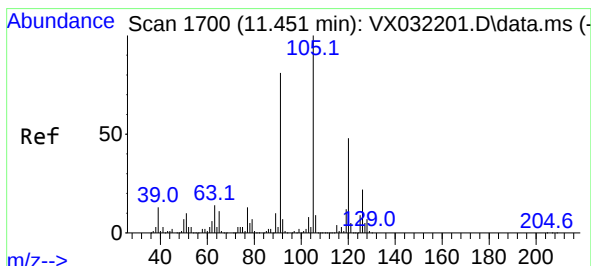
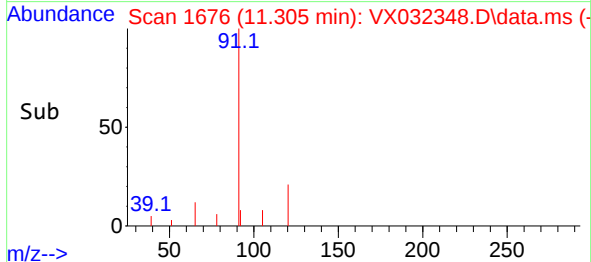
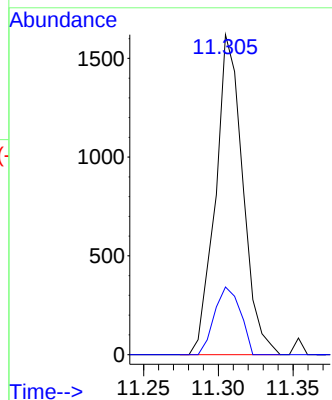
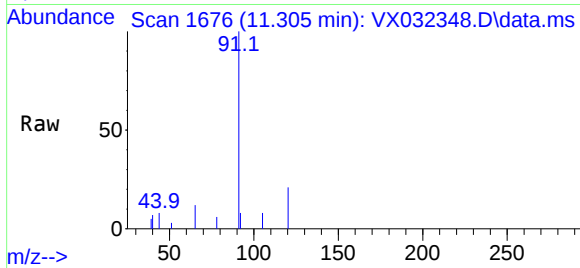




#78
n-propylbenzene
Concen: 0.297 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032348.D
Acq: 24 Oct 2022 18:17

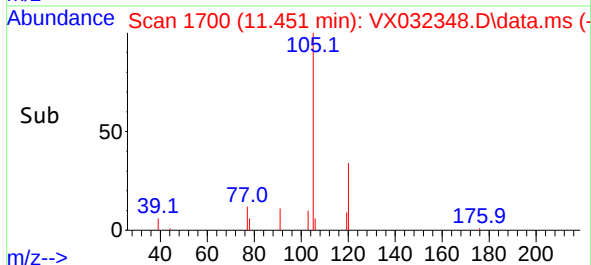
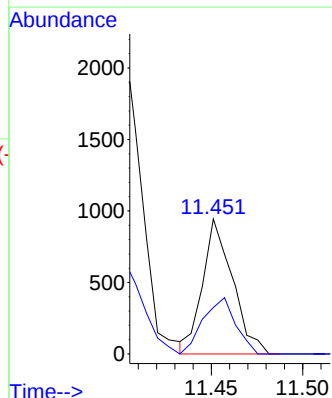
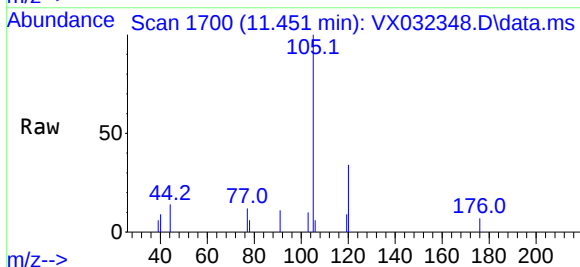
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-10-21

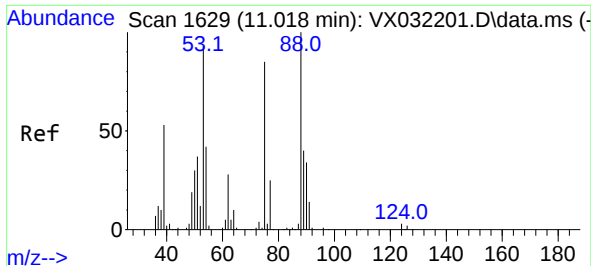
Tgt Ion: 91 Resp: 2061
Ion Ratio Lower Upper
91 100
120 20.0 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 0.207 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX032348.D
Acq: 24 Oct 2022 18:17

Tgt Ion: 105 Resp: 1081
Ion Ratio Lower Upper
105 100
120 45.1 23.5 70.6

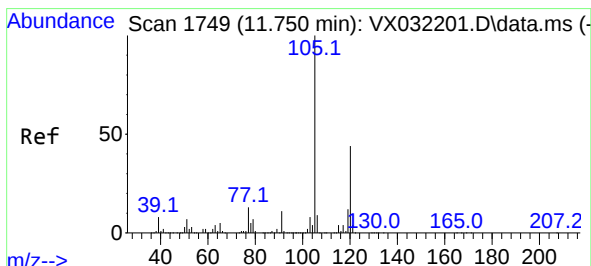
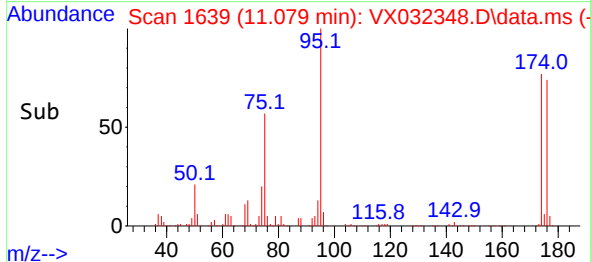
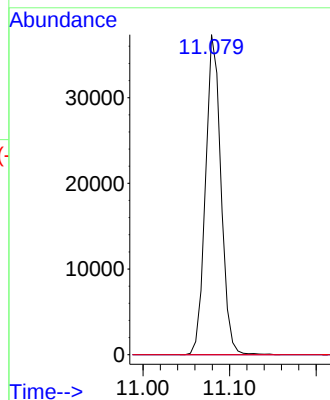
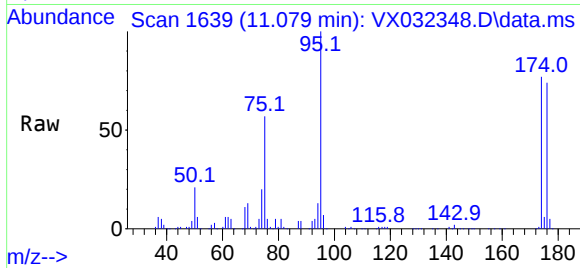




#81
trans-1,4-Dichloro-2-butene
Concen: 84.311 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032348.D
Acq: 24 Oct 2022 18:17

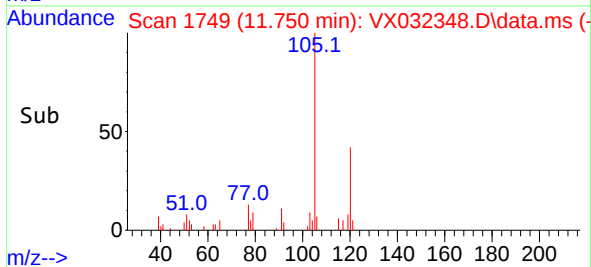
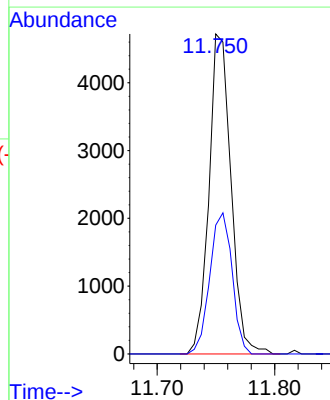
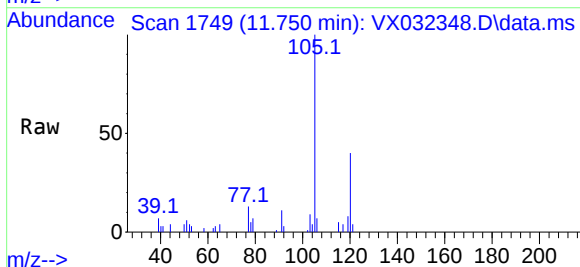
Instrument :
MSVOA_X
ClientSampleId :
EB-2022-10-21

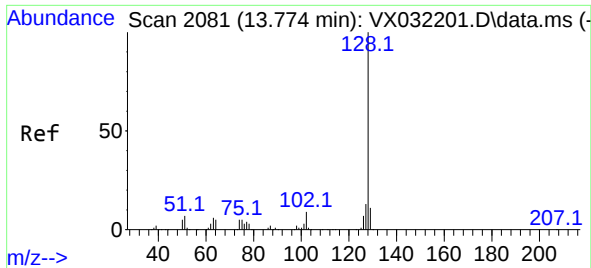
Tgt Ion: 75 Resp: 46226
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#



#84
1,2,4-Trimethylbenzene
Concen: 1.208 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX032348.D
Acq: 24 Oct 2022 18:17

Tgt Ion: 105 Resp: 6148
Ion Ratio Lower Upper
105 100
120 44.6 22.1 66.1





#95

Naphthalene

Concen: 0.301 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX032348.D

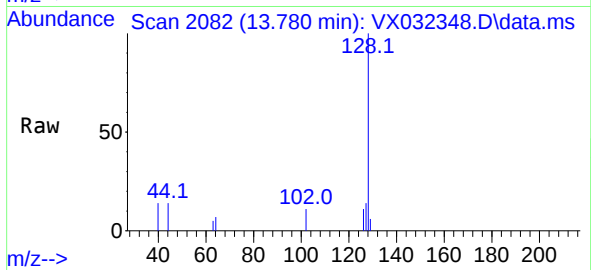
Acq: 24 Oct 2022 18:17

Instrument :

MSVOA_X

ClientSampleId :

EB-2022-10-21



Tgt Ion:128 Resp: 1759

Ion Ratio Lower Upper

128 100

127 11.1 10.3 15.5

129 10.7 8.7 13.1

