

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031753.D
 Acq On : 29 Sep 2022 02:33
 Operator : JC/MD
 Sample : PB147944TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB147944TB

Quant Time: Sep 29 04:37:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

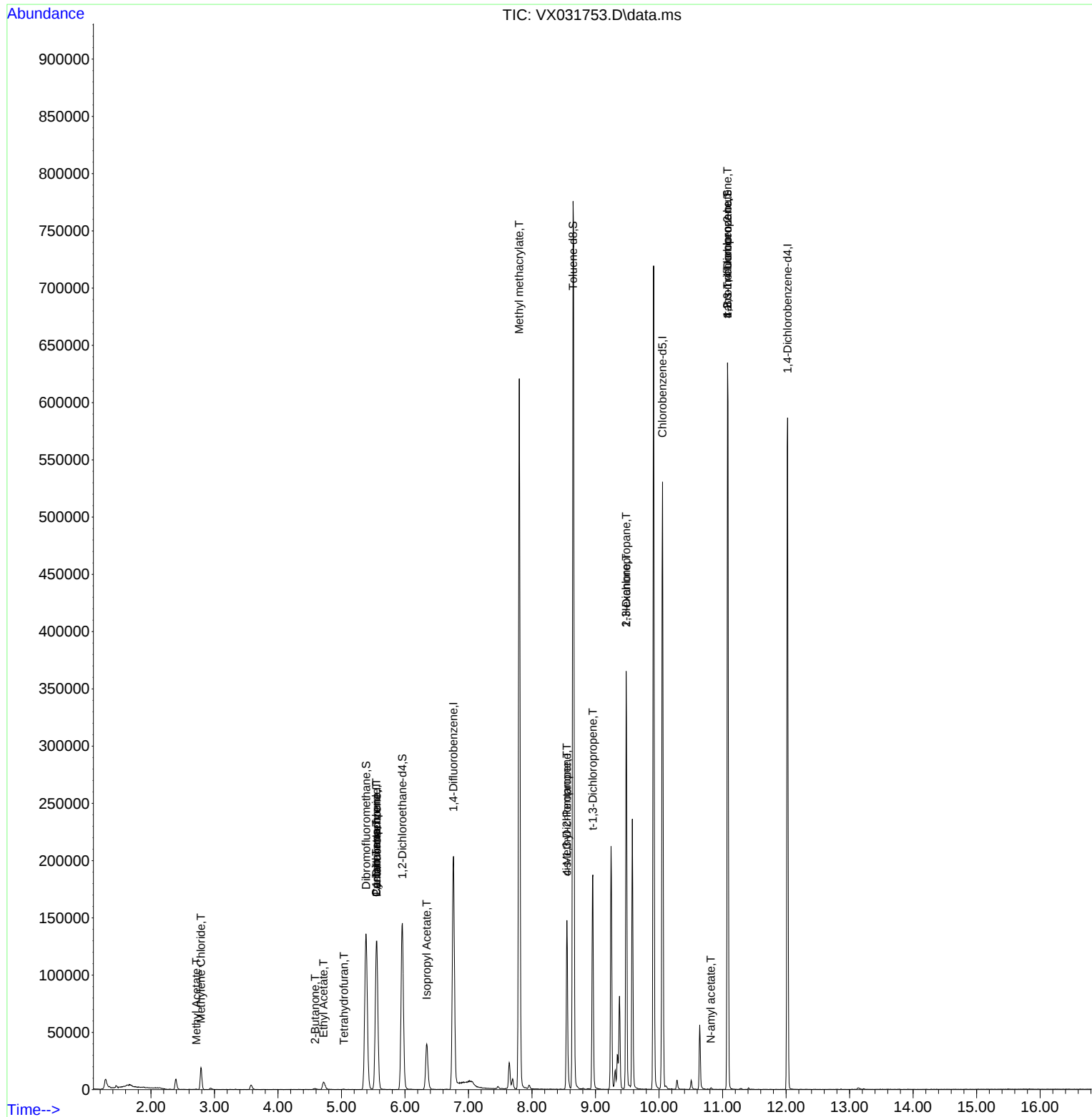
Internal Standards						
1) Pentafluorobenzene	5.556	168	124306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208333	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	140127	53.113	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.220%	
35) Dibromofluoromethane	5.385	113	116430	46.904	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.800%	
50) Toluene-d8	8.647	98	465225	51.695	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.380%	
62) 4-Bromofluorobenzene	11.079	95	164232	49.790	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.580%	
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	385	Below Cal	#	41
5) Bromomethane	1.618	94	251	Below Cal	#	80
6) Chloroethane	1.654	64	247	Below Cal	#	45
11) Tert butyl alcohol	2.989	59	61	Below Cal	#	73
17) Carbon Disulfide	2.502	76	135	Below Cal	#	75
18) Methyl Acetate	2.715	43	604	0.255	ug/l #	72
20) Methylene Chloride	2.788	84	9175	3.940	ug/l	87
25) 2-Butanone	4.587	43	1668	1.325	ug/l #	81
29) Tetrahydrofuran	5.038	42	183	0.231	ug/l #	85
31) Cyclohexane	5.550	56	2649	1.056	ug/l #	20
36) 1,1-Dichloropropene	5.550	75	9588	3.363	ug/l #	51
37) Ethyl Acetate	4.715	43	11249	3.912	ug/l #	95
38) Carbon Tetrachloride	5.550	117	13654	4.250	ug/l #	17
43) Isopropyl Acetate	6.342	43	52143	11.522	ug/l #	95
48) Methyl methacrylate	7.799	41	52483	26.369	ug/l #	46
49) 1,4-Dioxane	7.793	88	143	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.549	43	46792	16.334	ug/l #	51
53) t-1,3-Dichloropropene	8.958	75	511	2.023	ug/l #	44
54) cis-1,3-Dichloropropene	8.549	75	23727	7.414	ug/l #	63
57) 1,3-Dichloropropane	9.482	76	3529	0.887	ug/l #	43
59) 2-Hexanone	9.482	43	37264	17.435	ug/l #	56
74) N-amyl acetate	10.817	43	741	0.288	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	86307	38.825	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	86307	127.073	ug/l #	11

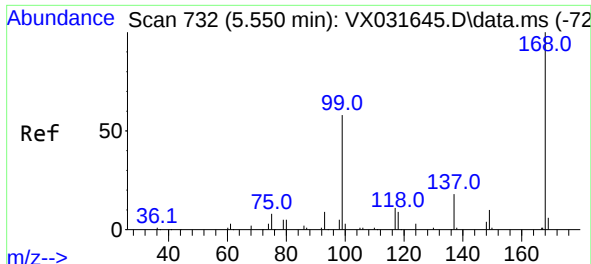
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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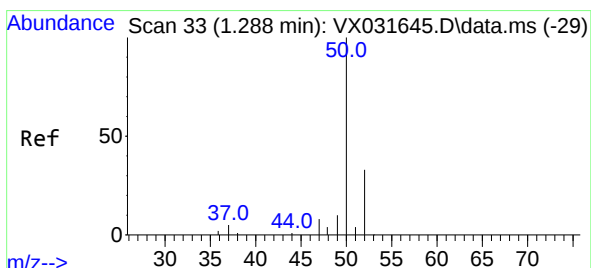
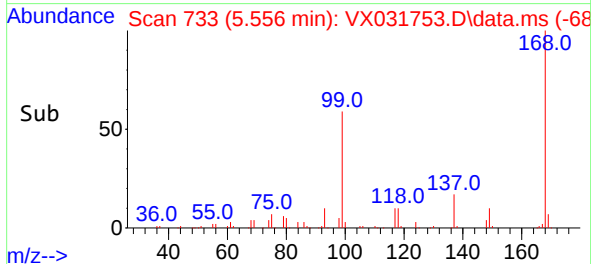
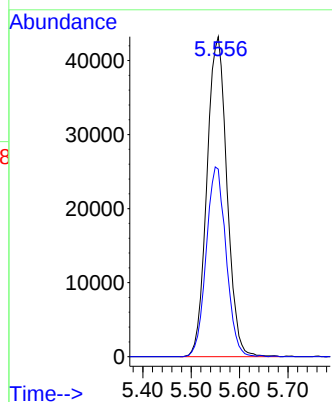
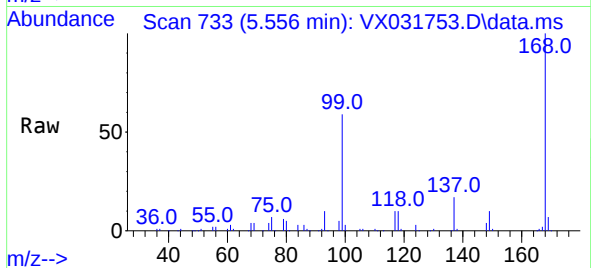




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031753.D
Acq: 29 Sep 2022 02:33

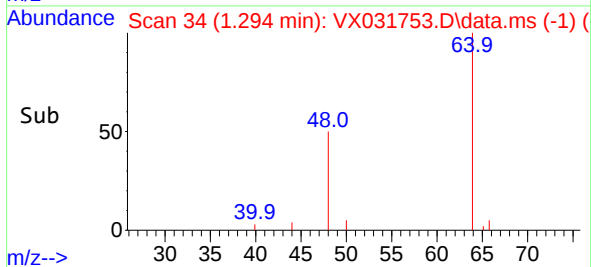
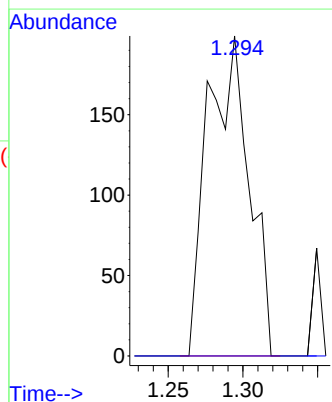
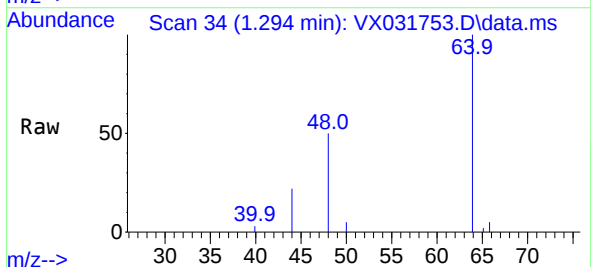
Instrument :
MSVOA_X
ClientSampleId :
PB147944TB

Tgt Ion:168 Resp: 124306
Ion Ratio Lower Upper
168 100
99 58.6 48.8 73.2

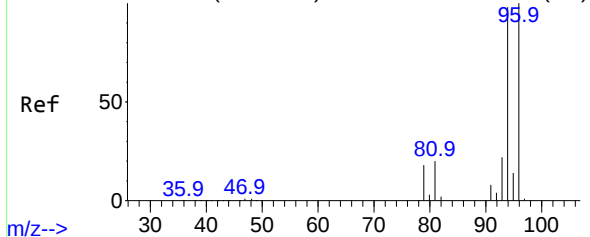


#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031753.D
Acq: 29 Sep 2022 02:33

Tgt Ion: 50 Resp: 385
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



Abundance Scan 86 (1.611 min): VX031645.D\data.ms (-81)



#5

Bromomethane

Concen: Below Cal

RT: 1.618 min Scan# 81

Delta R.T. 0.007 min

Lab File: VX031753.D

Acq: 29 Sep 2022 02:33

Instrument :

MSVOA_X

ClientSampleId :

PB147944TB

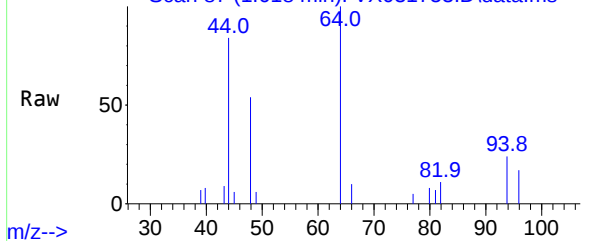
Tgt Ion: 94 Resp: 251

Ion Ratio Lower Upper

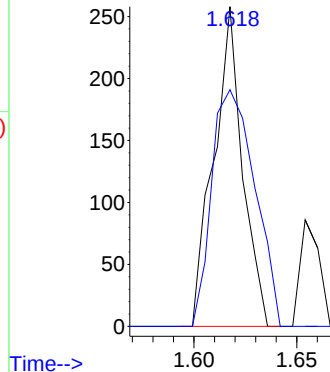
94 100

96 74.0 74.4 111.6#

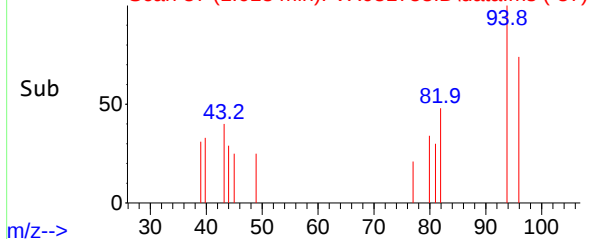
Abundance Scan 87 (1.618 min): VX031753.D\data.ms



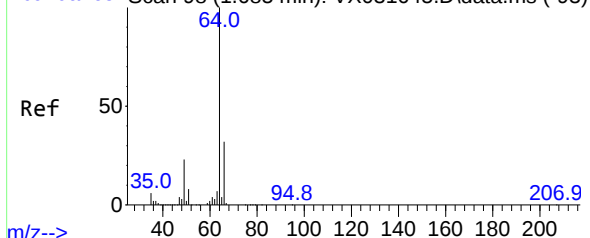
Abundance



Abundance Scan 87 (1.618 min): VX031753.D\data.ms (-37)



Abundance Scan 98 (1.685 min): VX031645.D\data.ms (-93)



#6

Chloroethane

Concen: Below Cal

RT: 1.654 min Scan# 93

Delta R.T. -0.031 min

Lab File: VX031753.D

Acq: 29 Sep 2022 02:33

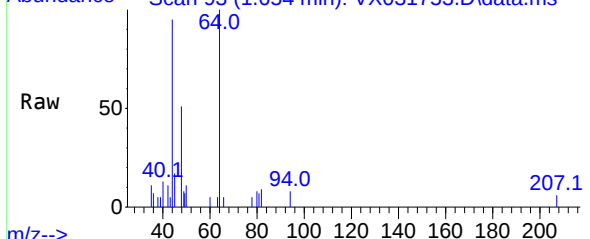
Tgt Ion: 64 Resp: 247

Ion Ratio Lower Upper

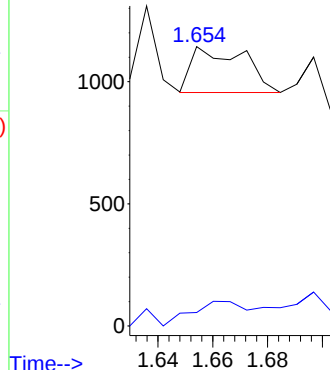
64 100

66 1.1 25.0 37.4#

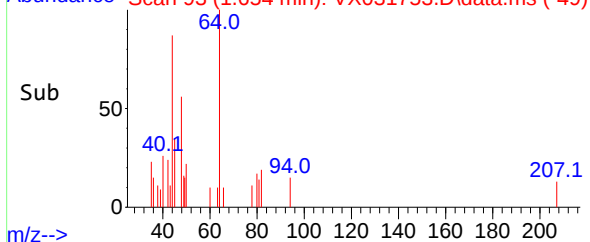
Abundance Scan 93 (1.654 min): VX031753.D\data.ms

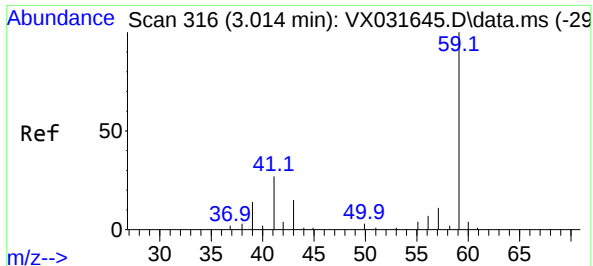


Abundance



Abundance Scan 93 (1.654 min): VX031753.D\data.ms (-49)





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.989 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX031753.D

Acq: 29 Sep 2022 02:33

Instrument :

MSVOA_X

ClientSampleId :

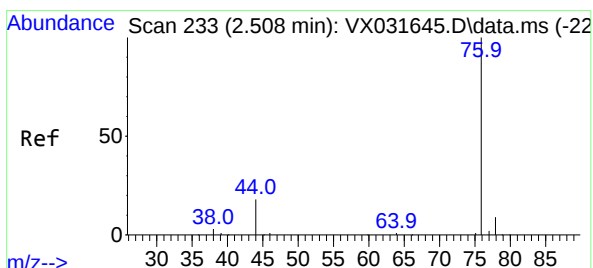
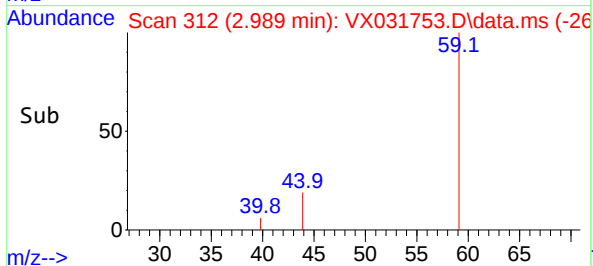
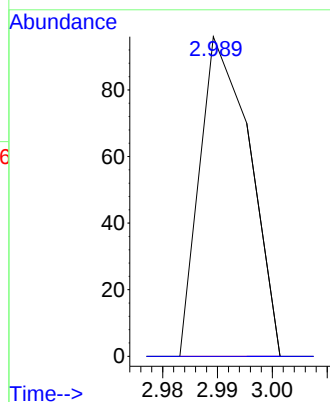
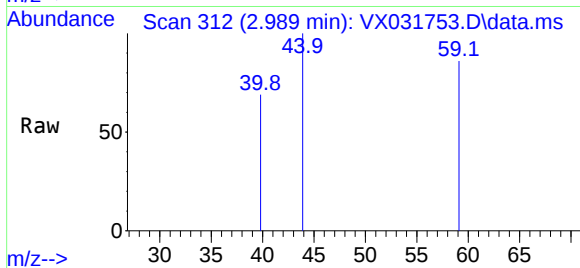
PB147944TB

Tgt Ion: 59 Resp: 61

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.502 min Scan# 232

Delta R.T. -0.012 min

Lab File: VX031753.D

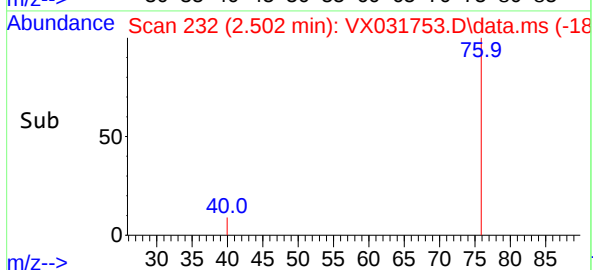
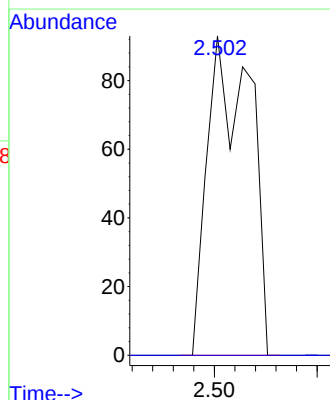
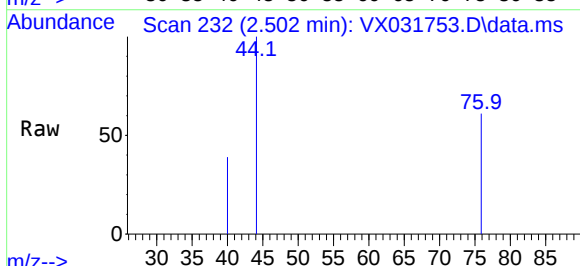
Acq: 29 Sep 2022 02:33

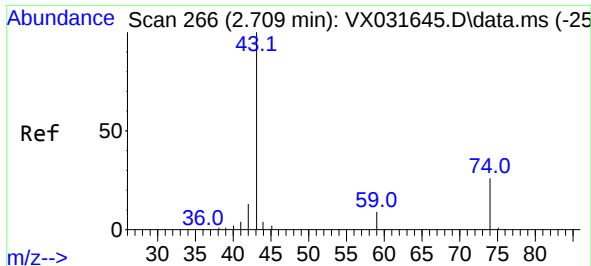
Tgt Ion: 76 Resp: 135

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#





#18

Methyl Acetate

Concen: 0.255 ug/l

RT: 2.715 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX031753.D

Acq: 29 Sep 2022 02:33

Instrument :

MSVOA_X

ClientSampleId :

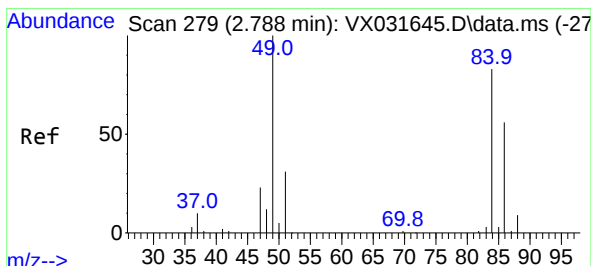
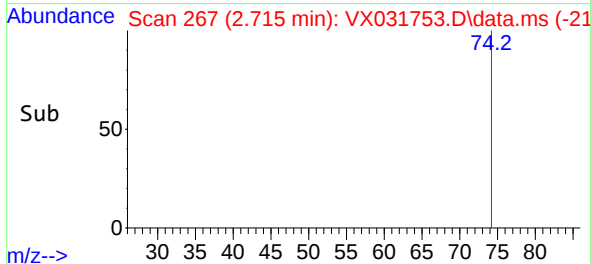
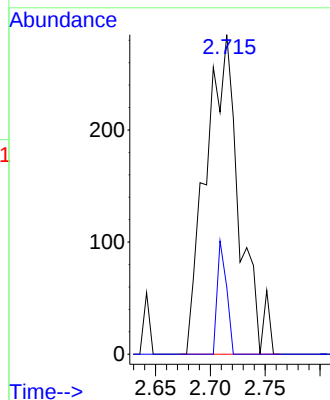
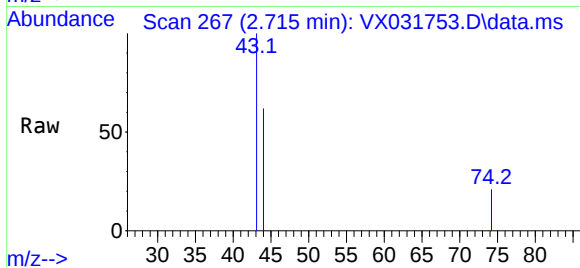
PB147944TB

Tgt Ion: 43 Resp: 604

Ion Ratio Lower Upper

43 100

74 9.8 18.6 27.8#



#20

Methylene Chloride

Concen: 3.940 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX031753.D

Acq: 29 Sep 2022 02:33

Tgt Ion: 84 Resp: 9175

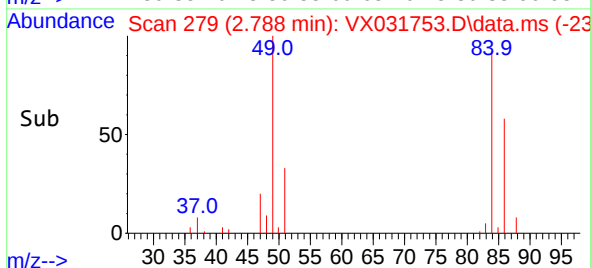
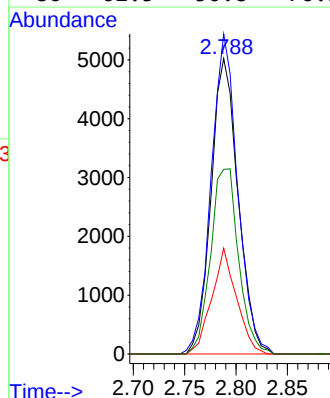
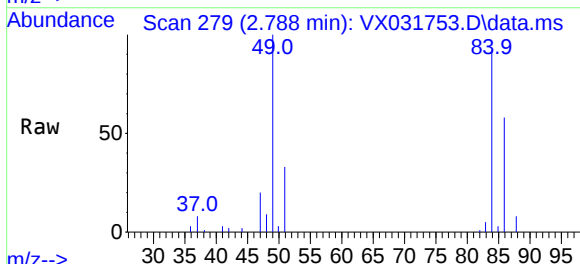
Ion Ratio Lower Upper

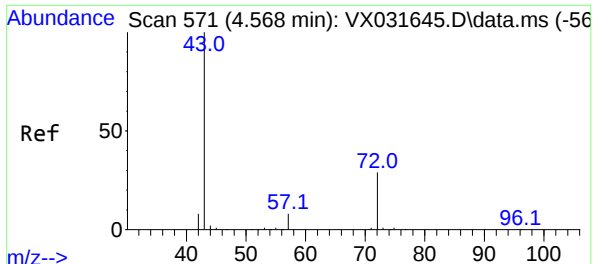
84 100

49 108.3 105.9 158.9

51 35.8 32.2 48.2

86 62.5 50.8 76.2

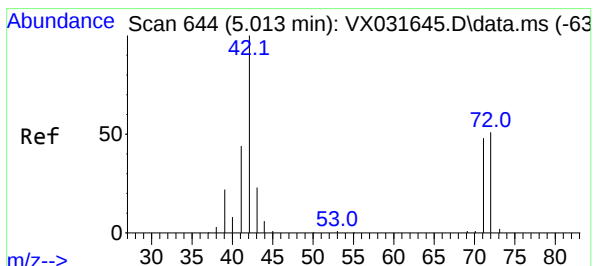
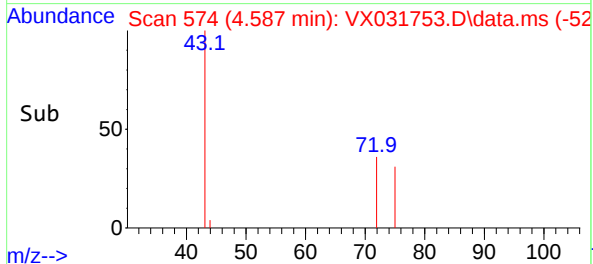
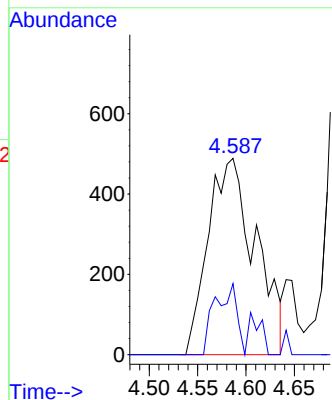
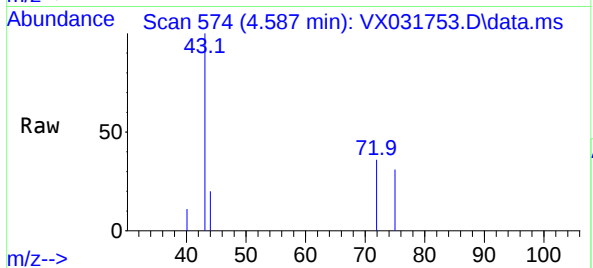




#25
2-Butanone
Concen: 1.325 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX031753.D
Acq: 29 Sep 2022 02:33

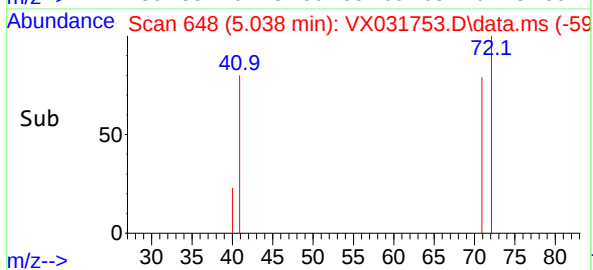
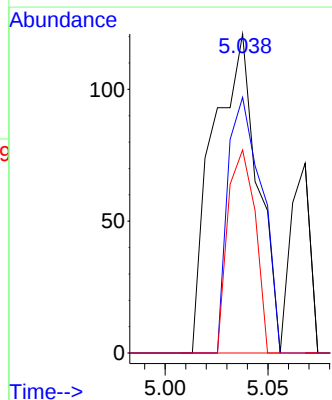
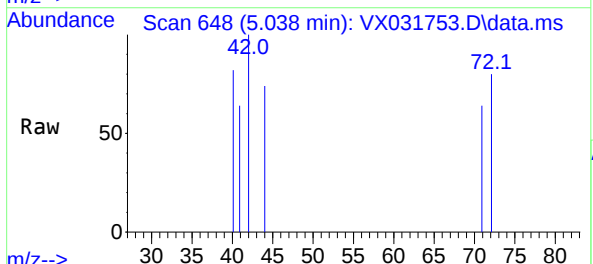
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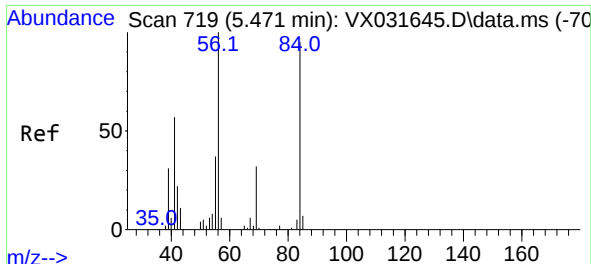
Tgt Ion: 43 Resp: 1668
Ion Ratio Lower Upper
43 100
72 36.2 21.1 31.7#



#29
Tetrahydrofuran
Concen: 0.231 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.025 min
Lab File: VX031753.D
Acq: 29 Sep 2022 02:33

Tgt Ion: 42 Resp: 183
Ion Ratio Lower Upper
42 100
72 61.2 36.4 54.6#
71 38.8 33.5 50.3

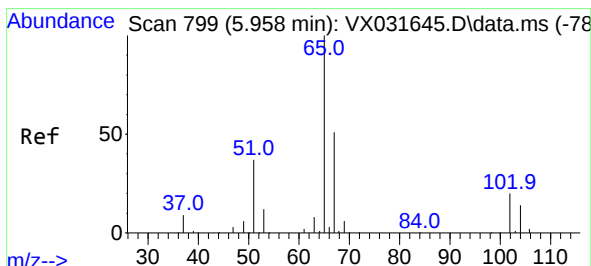
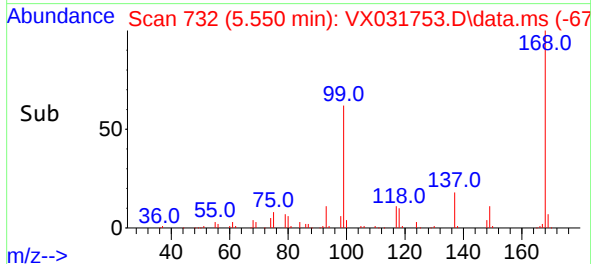
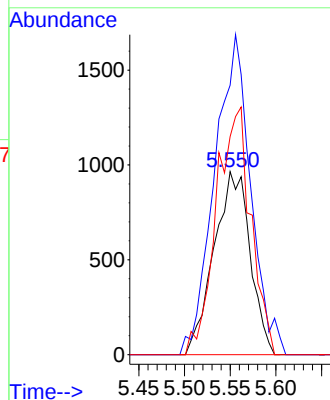
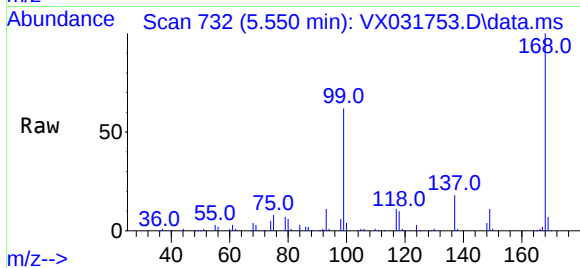




#31
Cyclohexane
Concen: 1.056 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031753.D
Acq: 29 Sep 2022 02:33

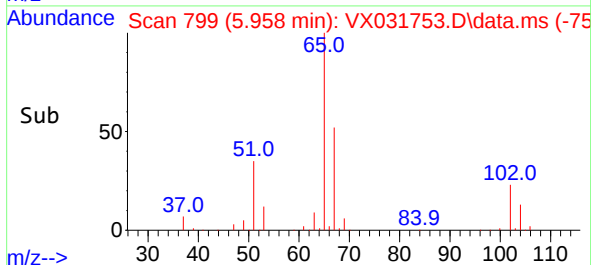
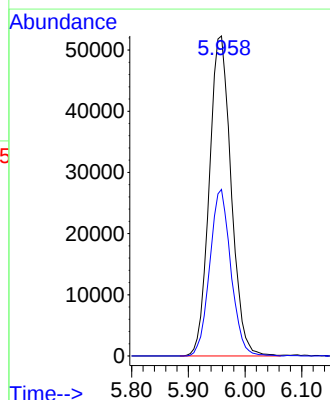
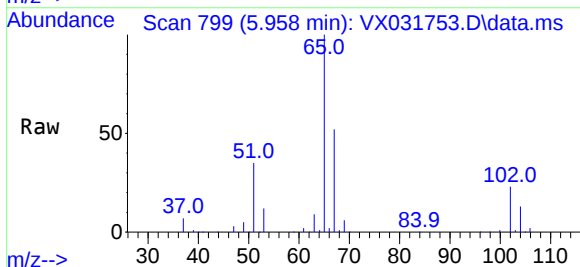
Instrument :
MSVOA_X
ClientSampleId :
PB147944TB

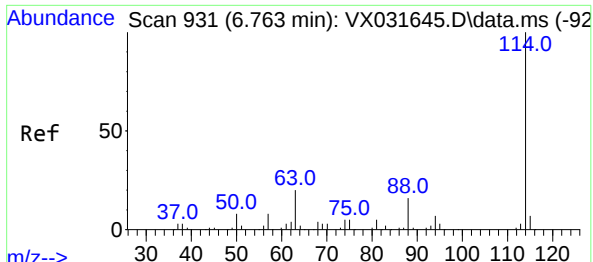
Tgt Ion: 56 Resp: 2649
Ion Ratio Lower Upper
56 100
69 147.2 25.1 37.7#
84 119.2 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 53.113 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031753.D
Acq: 29 Sep 2022 02:33

Tgt Ion: 65 Resp: 140127
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.4

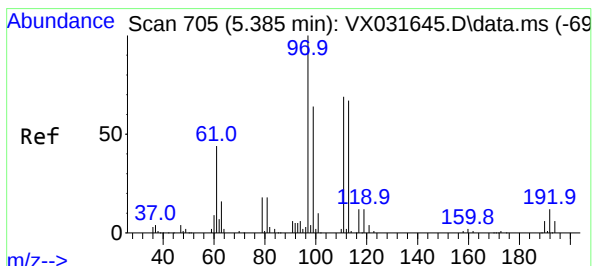
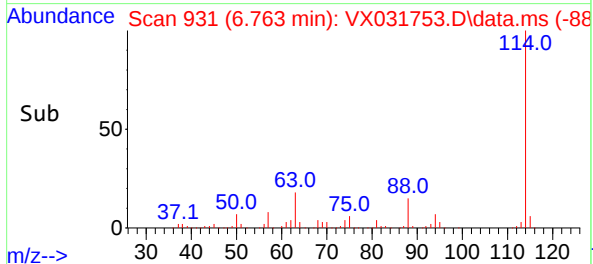
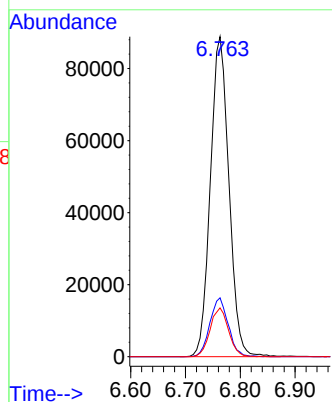
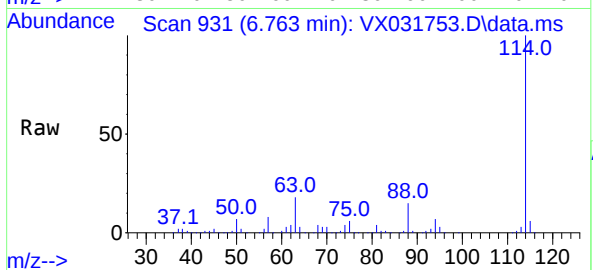




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031753.D
Acq: 29 Sep 2022 02:33

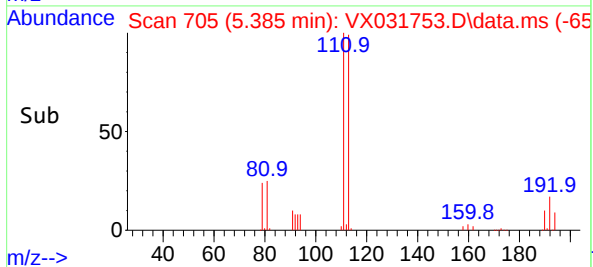
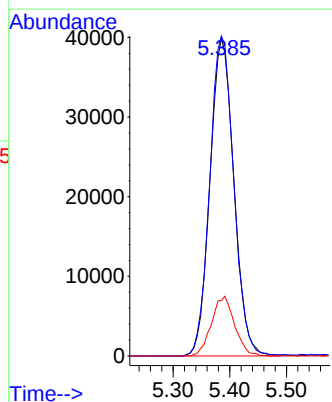
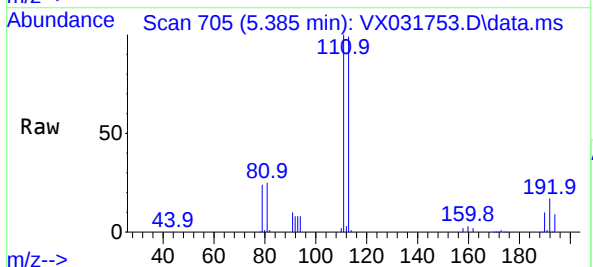
Instrument :
MSVOA_X
ClientSampleId :
PB147944TB

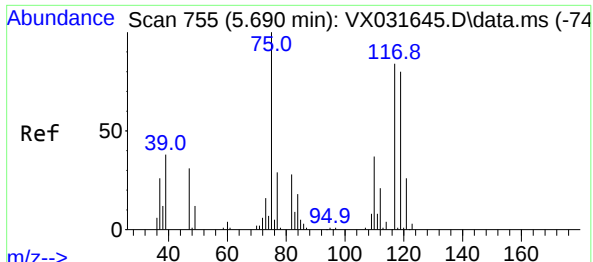
Tgt Ion:114 Resp: 208333
Ion Ratio Lower Upper
114 100
63 18.4 0.0 42.6
88 15.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 46.904 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031753.D
Acq: 29 Sep 2022 02:33

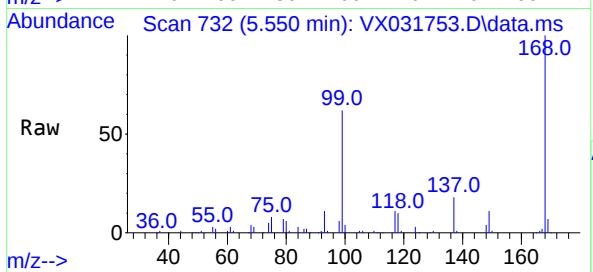
Tgt Ion:113 Resp: 116430
Ion Ratio Lower Upper
113 100
111 101.5 82.4 123.6
192 18.2 14.1 21.1



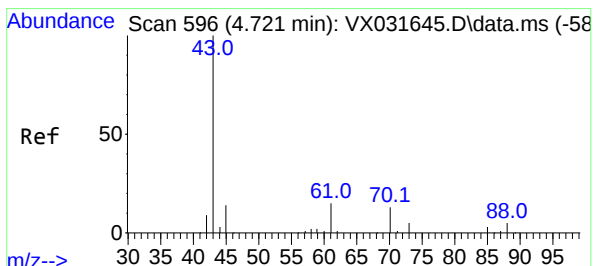
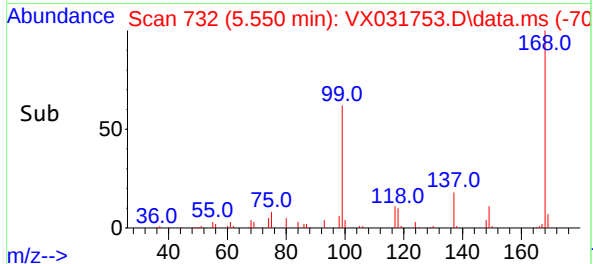
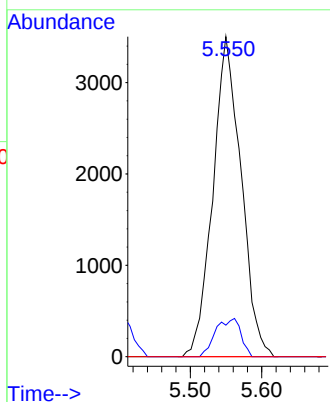


#36
1,1-Dichloropropene
Concen: 3.363 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX031753.D
Acq: 29 Sep 2022 02:33

Instrument :
MSVOA_X
ClientSampleId :
PB147944TB

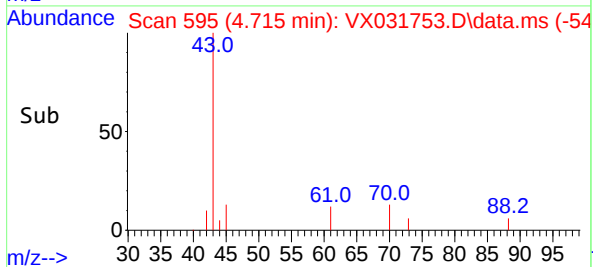
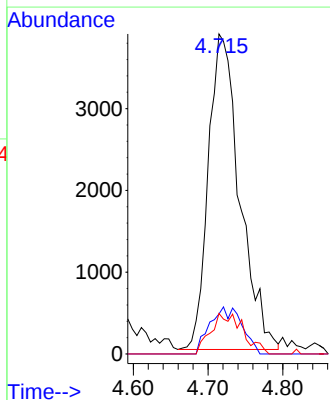
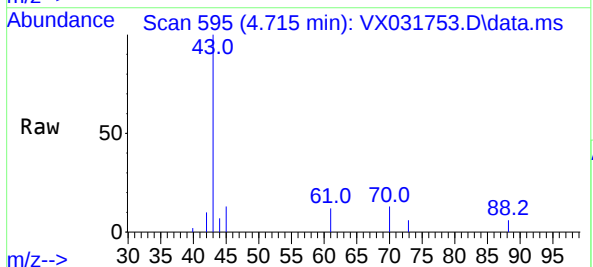


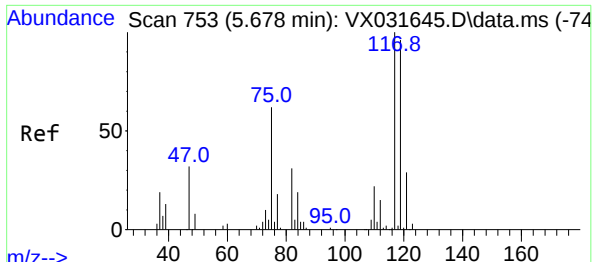
Tgt Ion: 75 Resp: 9588
Ion Ratio Lower Upper
75 100
110 10.7 17.5 52.5#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 3.912 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX031753.D
Acq: 29 Sep 2022 02:33

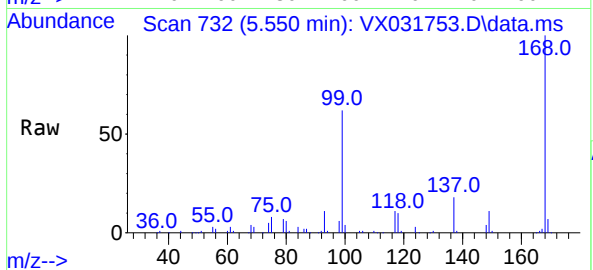
Tgt Ion: 43 Resp: 11249
Ion Ratio Lower Upper
43 100
61 15.3 11.1 16.7
70 13.2 8.6 13.0#



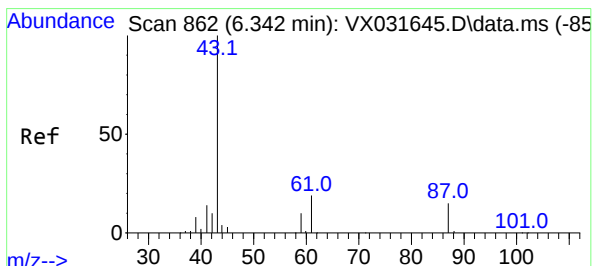
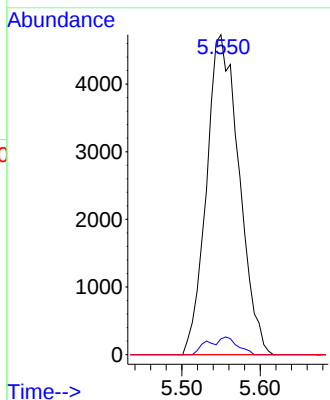
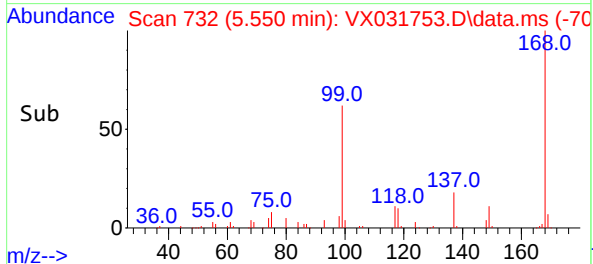


#38
Carbon Tetrachloride
Concen: 4.250 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031753.D
Acq: 29 Sep 2022 02:33

Instrument :
MSVOA_X
ClientSampleId :
PB147944TB

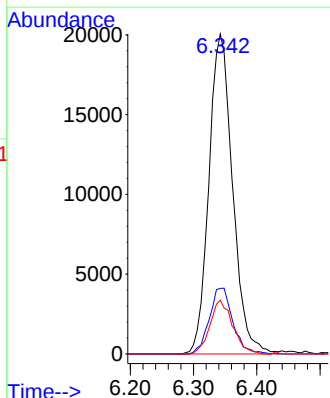
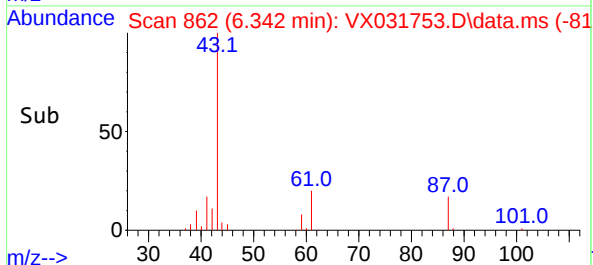
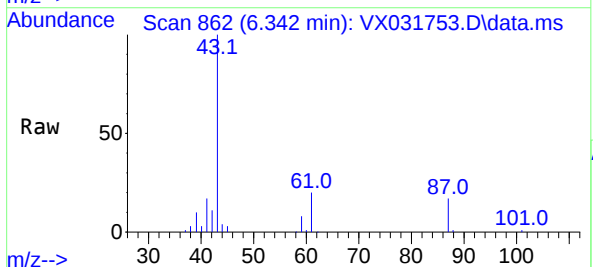


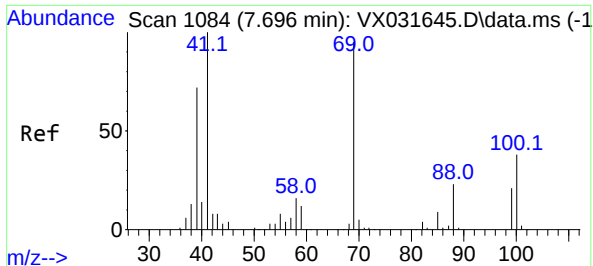
Tgt Ion:117 Resp: 13654
Ion Ratio Lower Upper
117 100
119 5.0 74.6 112.0#
121 0.0 25.3 37.9#



#43
Isopropyl Acetate
Concen: 11.522 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX031753.D
Acq: 29 Sep 2022 02:33

Tgt Ion: 43 Resp: 52143
Ion Ratio Lower Upper
43 100
61 20.4 15.3 22.9
87 16.1 10.6 15.8#





#48

Methyl methacrylate

Concen: 26.369 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.103 min

Lab File: VX031753.D

Acq: 29 Sep 2022 02:33

Instrument :

MSVOA_X

ClientSampleId :

PB147944TB

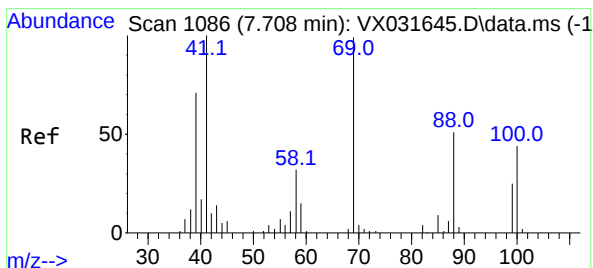
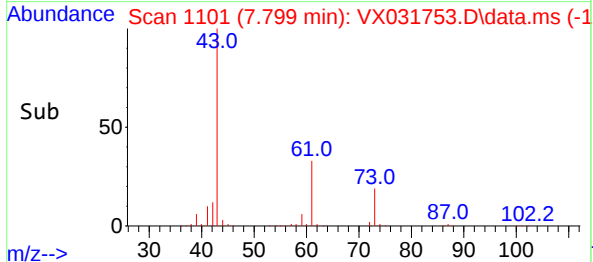
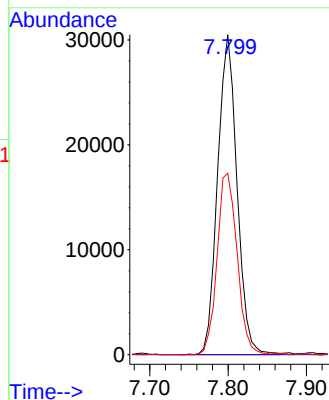
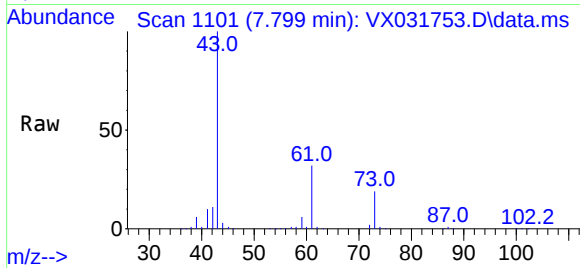
Tgt Ion: 41 Resp: 52483

Ion Ratio Lower Upper

41 100

69 0.0 64.6 96.8#

39 58.8 51.4 77.0



#49

1,4-Dioxane

Concen: Below Cal

RT: 7.793 min Scan# 1100

Delta R.T. 0.109 min

Lab File: VX031753.D

Acq: 29 Sep 2022 02:33

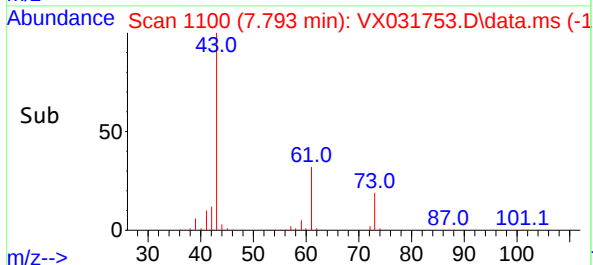
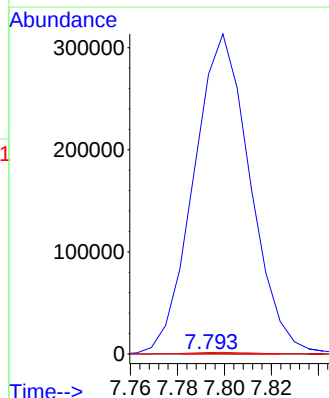
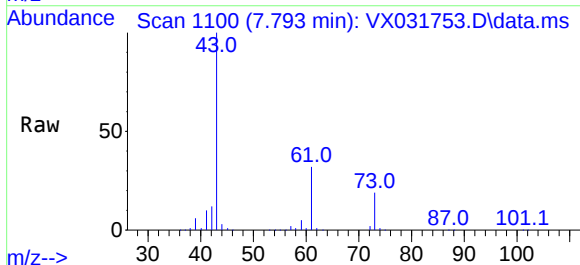
Tgt Ion: 88 Resp: 143

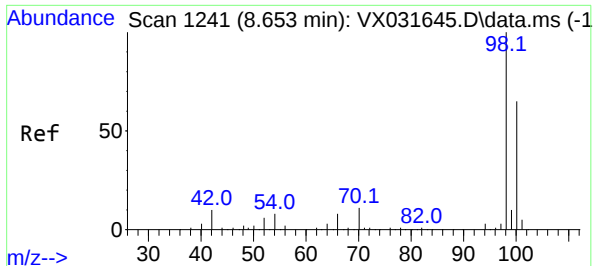
Ion Ratio Lower Upper

88 100

43 369715.4 27.1 40.7#

58 1962.2 53.9 80.9#

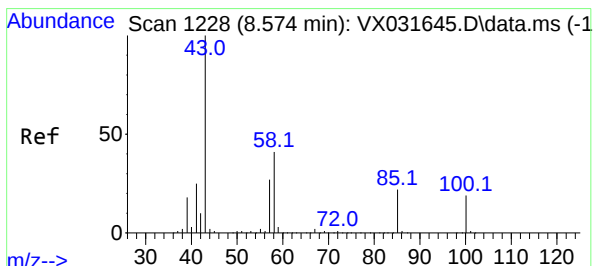
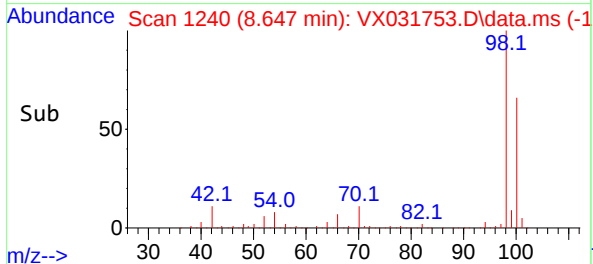
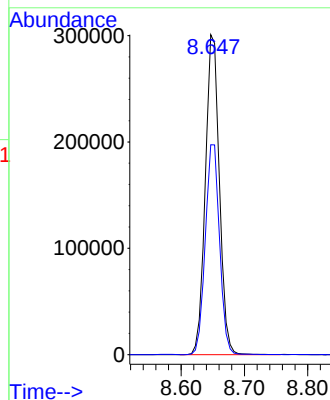
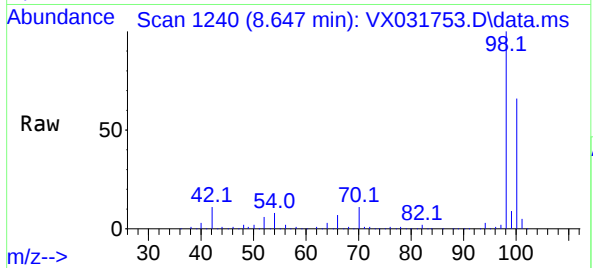




#50
Toluene-d8
Concen: 51.695 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031753.D
Acq: 29 Sep 2022 02:33

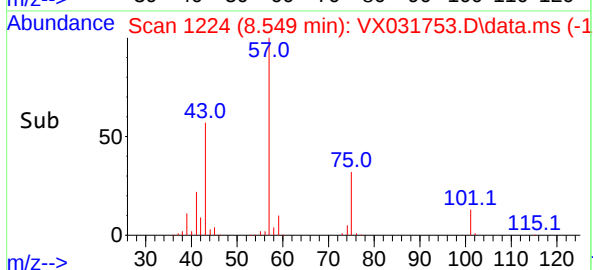
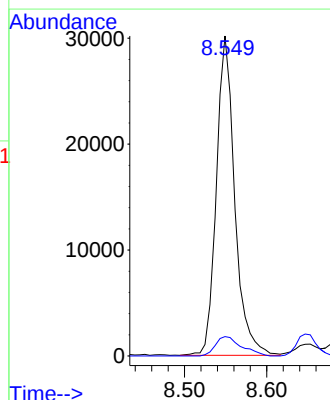
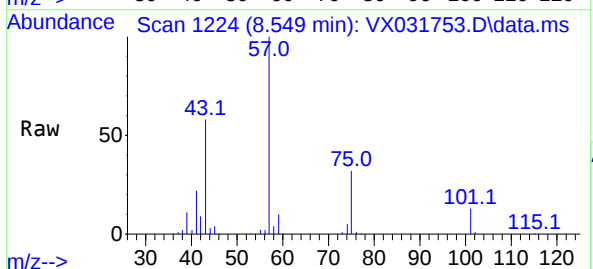
Instrument :
MSVOA_X
ClientSampleId :
PB147944TB

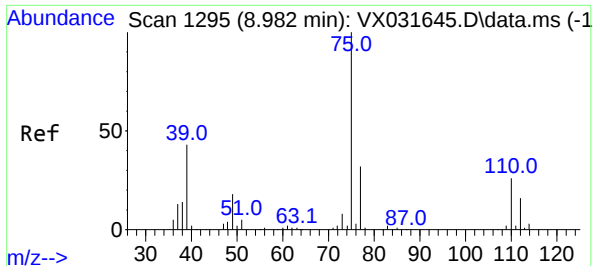
Tgt Ion: 98 Resp: 465225
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 16.334 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX031753.D
Acq: 29 Sep 2022 02:33

Tgt Ion: 43 Resp: 46792
Ion Ratio Lower Upper
43 100
58 8.6 30.6 46.0#





#53

t-1,3-Dichloropropene

Concen: 2.023 ug/l

RT: 8.958 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX031753.D

Acq: 29 Sep 2022 02:33

Instrument :

MSVOA_X

ClientSampleId :

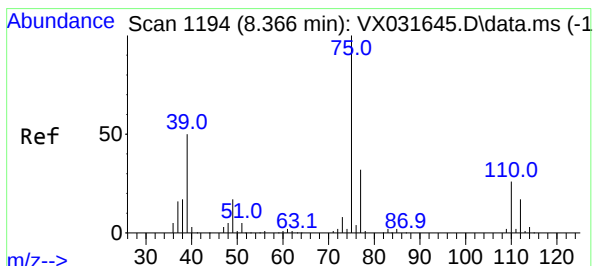
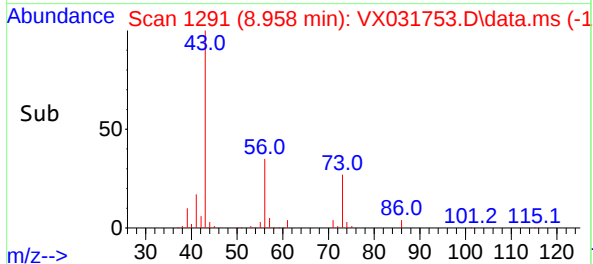
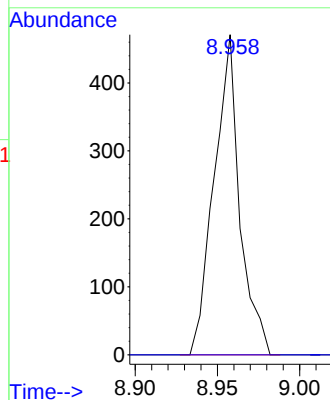
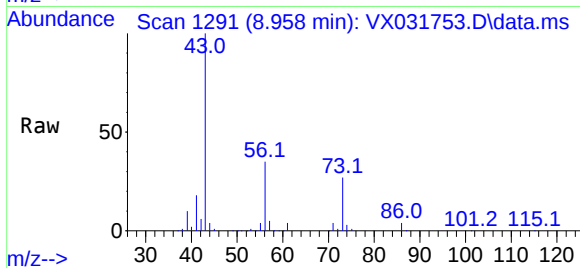
PB147944TB

Tgt Ion: 75 Resp: 511

Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#



#54

cis-1,3-Dichloropropene

Concen: 7.414 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX031753.D

Acq: 29 Sep 2022 02:33

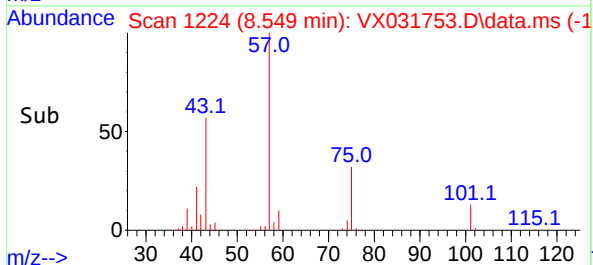
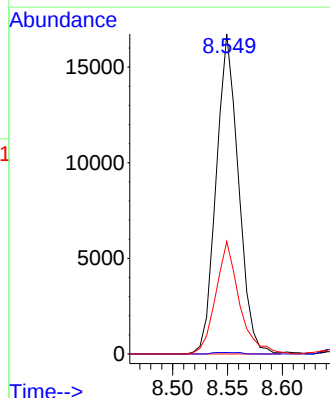
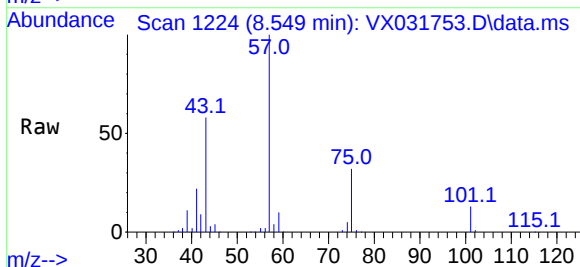
Tgt Ion: 75 Resp: 23727

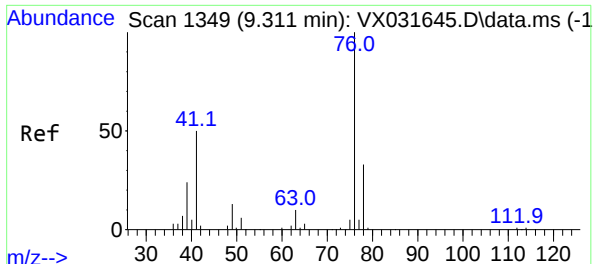
Ion Ratio Lower Upper

75 100

77 0.4 24.4 36.6#

39 35.2 43.7 65.5#

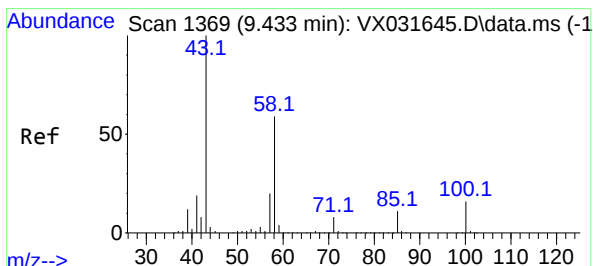
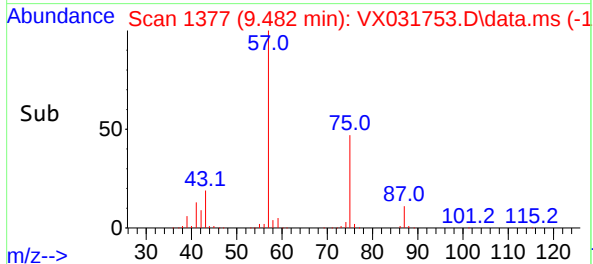
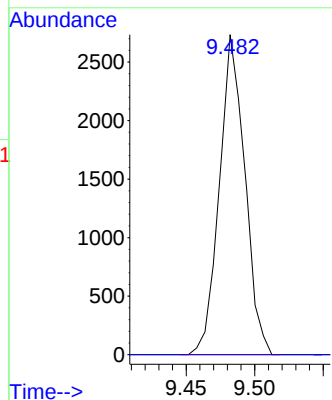
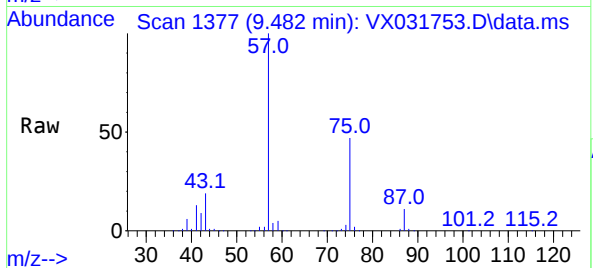




#57
1,3-Dichloropropane
Concen: 0.887 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX031753.D
Acq: 29 Sep 2022 02:33

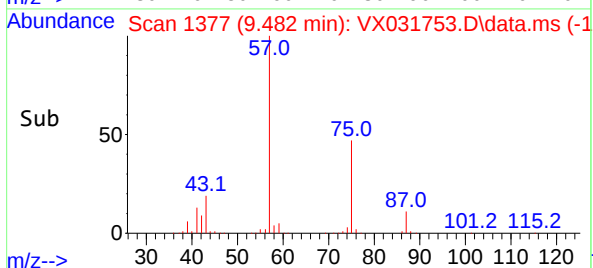
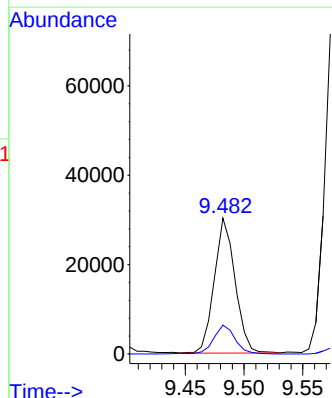
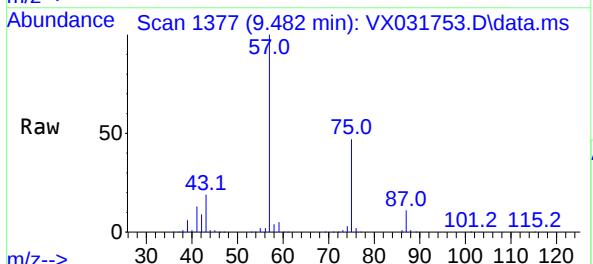
Instrument :
MSVOA_X
ClientSampleId :
PB147944TB

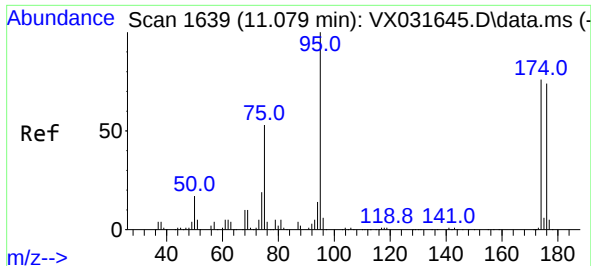
Tgt Ion: 76 Resp: 3529
Ion Ratio Lower Upper
76 100
78 0.0 25.5 38.3#



#59
2-Hexanone
Concen: 17.435 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX031753.D
Acq: 29 Sep 2022 02:33

Tgt Ion: 43 Resp: 37264
Ion Ratio Lower Upper
43 100
58 22.1 26.7 80.0#

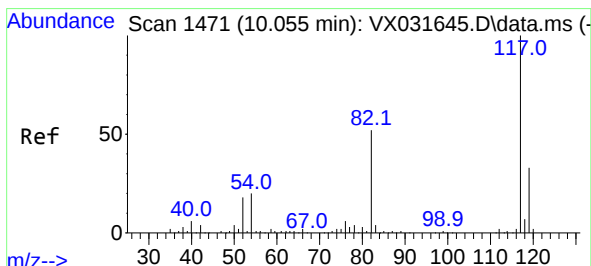
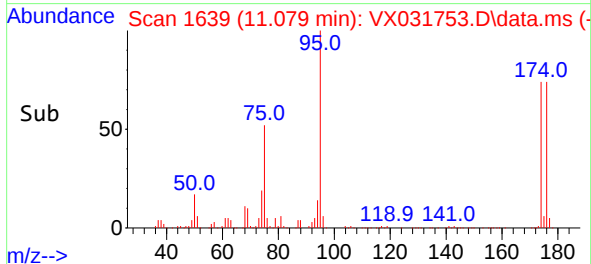
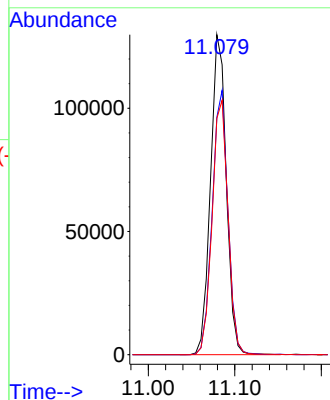
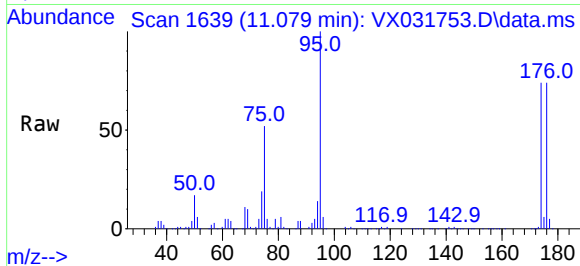




#62
4-Bromofluorobenzene
Concen: 49.790 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031753.D
Acq: 29 Sep 2022 02:33

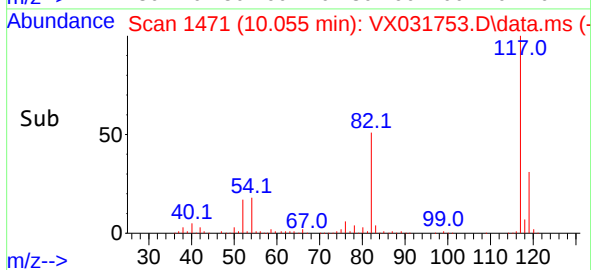
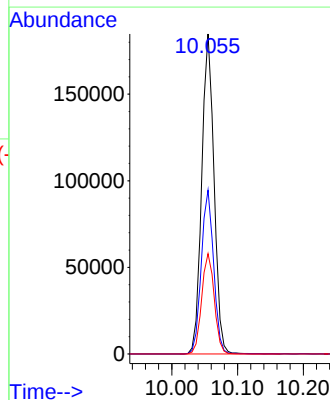
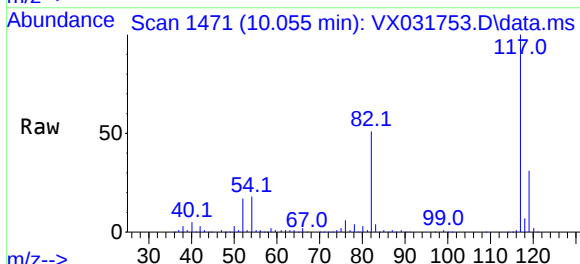
Instrument :
MSVOA_X
ClientSampleId :
PB147944TB

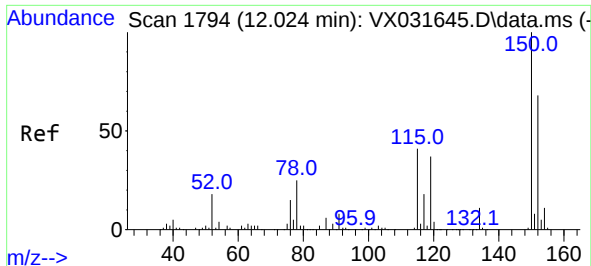
Tgt Ion: 95 Resp: 164232
Ion Ratio Lower Upper
95 100
174 82.2 0.0 153.2
176 80.4 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031753.D
Acq: 29 Sep 2022 02:33

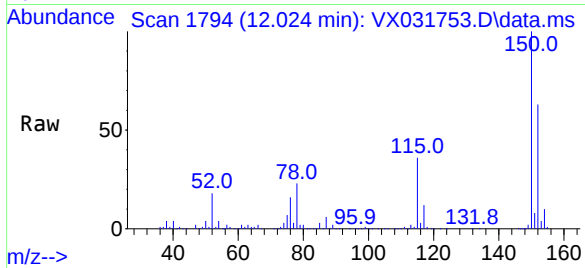
Tgt Ion: 117 Resp: 240843
Ion Ratio Lower Upper
117 100
82 51.2 46.8 70.2
119 31.4 26.4 39.6



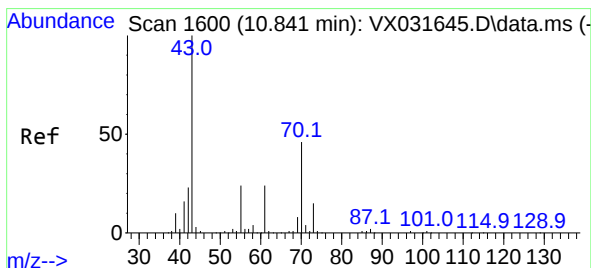
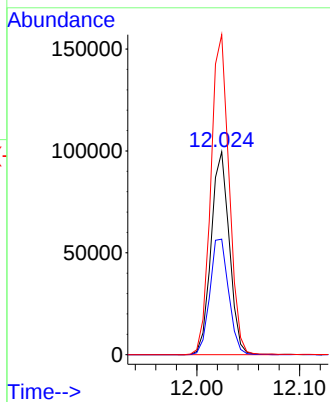
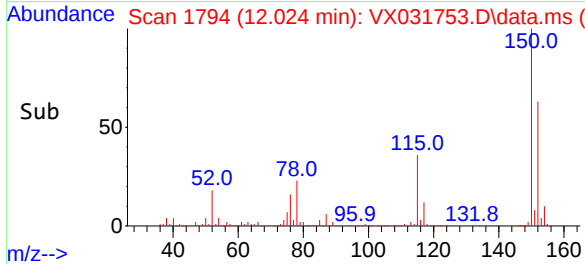


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031753.D
Acq: 29 Sep 2022 02:33

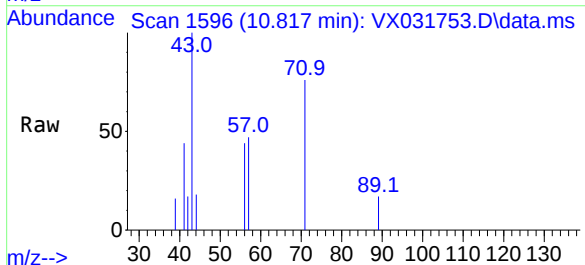
Instrument :
MSVOA_X
ClientSampleId :
PB147944TB



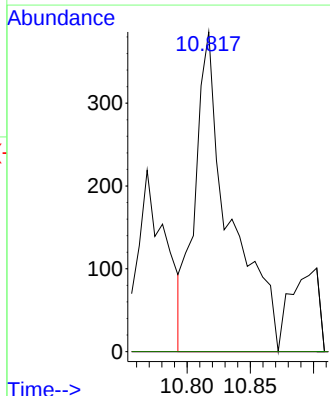
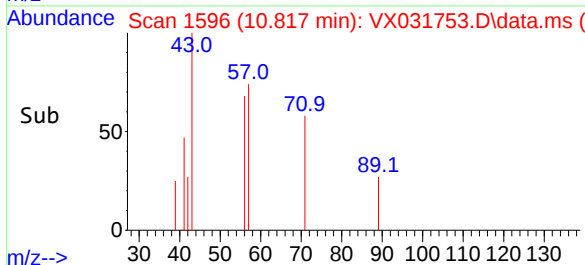
Tgt Ion:152 Resp: 122621
Ion Ratio Lower Upper
152 100
115 58.9 43.4 130.1
150 158.3 0.0 346.8

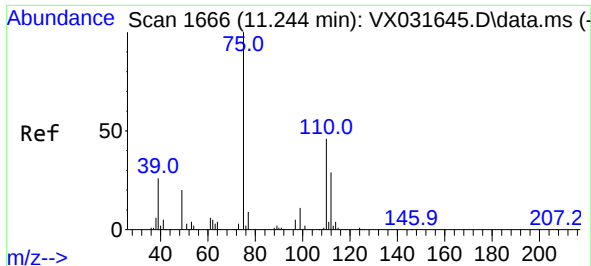


#74
N-ethyl acetate
Concen: 0.288 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. -0.025 min
Lab File: VX031753.D
Acq: 29 Sep 2022 02:33



Tgt Ion: 43 Resp: 741
Ion Ratio Lower Upper
43 100
70 0.0 33.4 50.2#
55 0.0 18.2 27.2#
61 0.0 19.3 28.9#

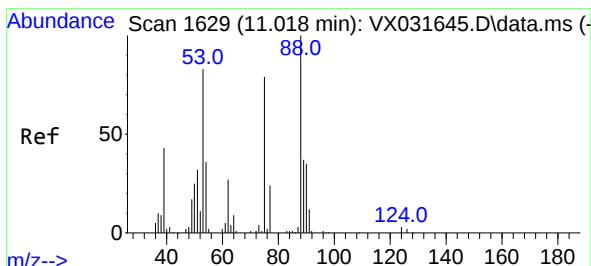
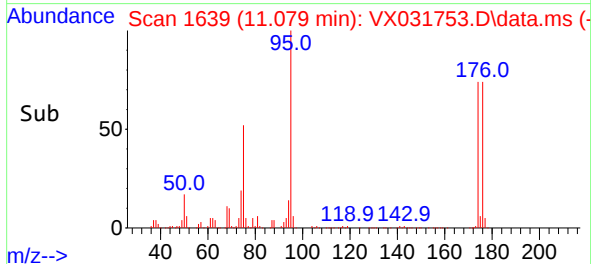
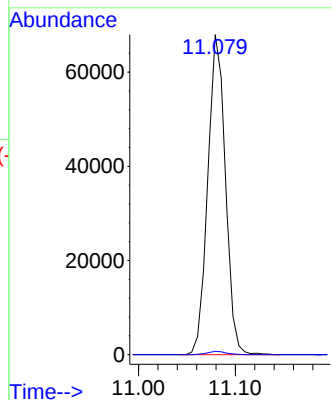
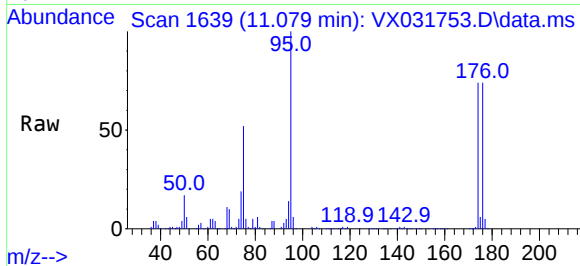




#76
1,2,3-Trichloropropane
Concen: 38.825 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031753.D
Acq: 29 Sep 2022 02:33

Instrument :
MSVOA_X
ClientSampleId :
PB147944TB

Tgt Ion: 75 Resp: 86307
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.073 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031753.D
Acq: 29 Sep 2022 02:33

Tgt Ion: 75 Resp: 86307
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

