

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
 Data File : VX028785.D
 Acq On : 18 May 2022 02:35
 Operator : JC/MD
 Sample : PB144875ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB144875ZHE#04

Quant Time: May 18 05:01:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

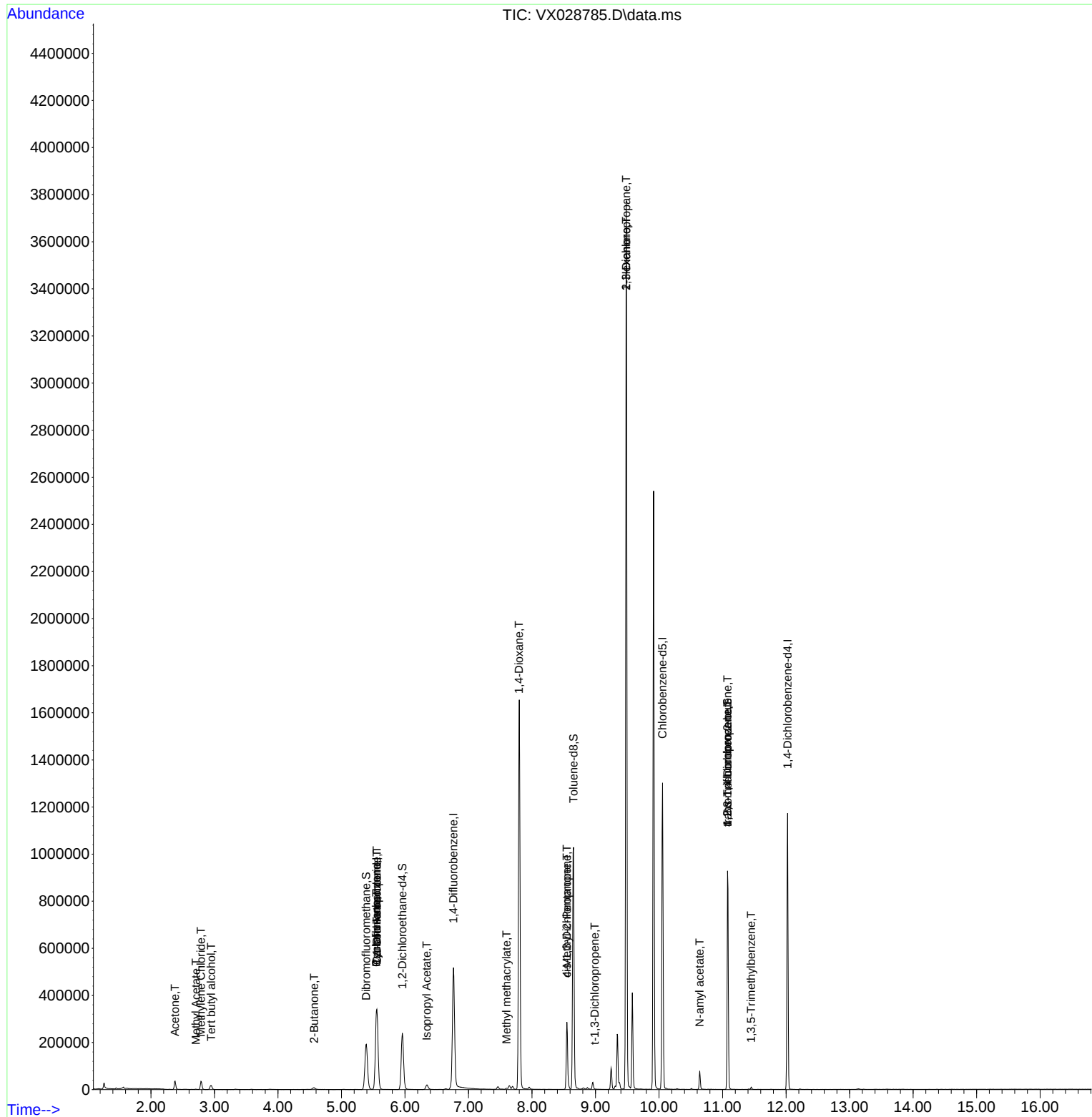
Internal Standards						
1) Pentafluorobenzene	5.550	168	321102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	509207	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	567431	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	229062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	235325	53.464	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.920%	
35) Dibromofluoromethane	5.385	113	166821	50.003	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.000%	
50) Toluene-d8	8.653	98	617032	49.055	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.120%	
62) 4-Bromofluorobenzene	11.079	95	238218	50.705	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.420%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	624	Below Cal		95
6) Chloroethane	1.636	64	490	Below Cal	#	67
11) Tert butyl alcohol	2.947	59	10586	3.465	ug/l #	76
16) Acetone	2.380	43	38668	20.470	ug/l	91
18) Methyl Acetate	2.709	43	2276	0.481	ug/l #	76
20) Methylene Chloride	2.788	84	15472	3.904	ug/l	91
25) 2-Butanone	4.568	43	8487	2.862	ug/l	98
31) Cyclohexane	5.550	56	7480	1.224	ug/l #	55
36) 1,1-Dichloropropene	5.556	75	25570	5.103	ug/l #	51
38) Carbon Tetrachloride	5.556	117	34445	6.830	ug/l #	15
43) Isopropyl Acetate	6.342	43	28082	3.430	ug/l	97
48) Methyl methacrylate	7.598	41	6815	1.723	ug/l #	7
49) 1,4-Dioxane	7.793	88	288	2.915	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	97756	18.125	ug/l #	44
53) t-1,3-Dichloropropene	8.988	75	24	1.645	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	45743	8.160	ug/l #	70
57) 1,3-Dichloropropane	9.482	76	33791	5.303	ug/l #	43
59) 2-Hexanone	9.482	43	433506	103.454	ug/l #	42
74) N-amyl acetate	10.640	43	17485	2.561	ug/l #	45
76) 1,2,3-Trichloropropane	11.079	75	126992	23.673	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.451	105	4367	0.302	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.079	75	126992	69.026	ug/l #	15

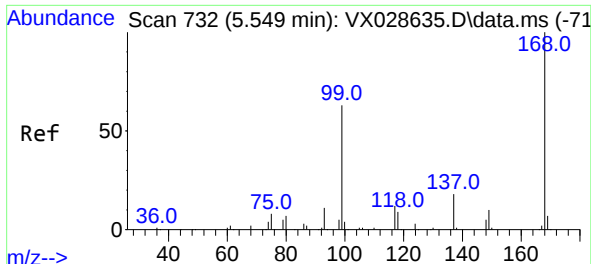
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
Data File : VX028785.D
Acq On : 18 May 2022 02:35
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Sample : PB144875ZHE#04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#04

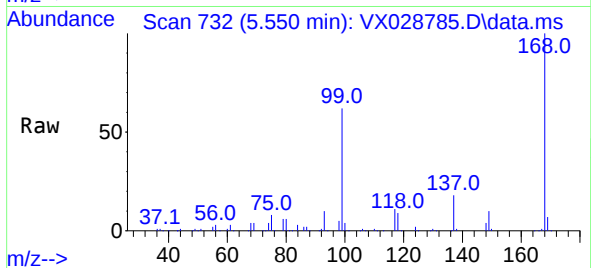
Quant Time: May 18 05:01:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
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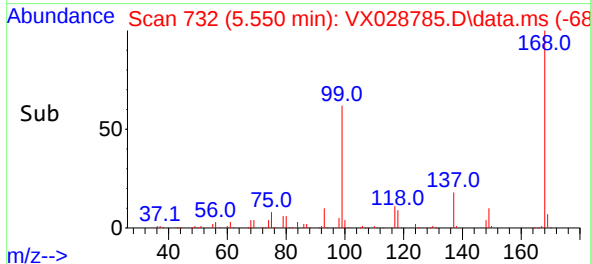
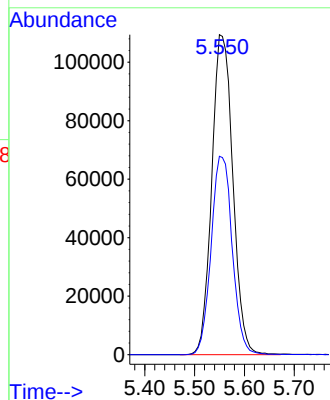


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX028785.D
Acq: 18 May 2022 02:35

Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#04

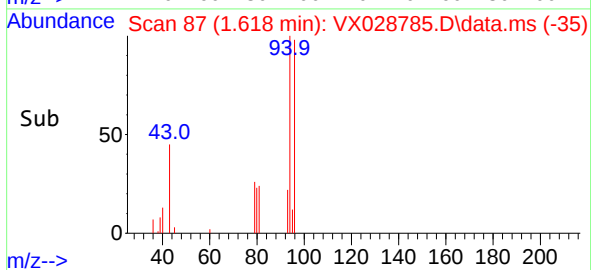
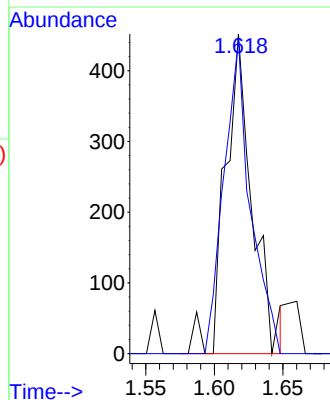
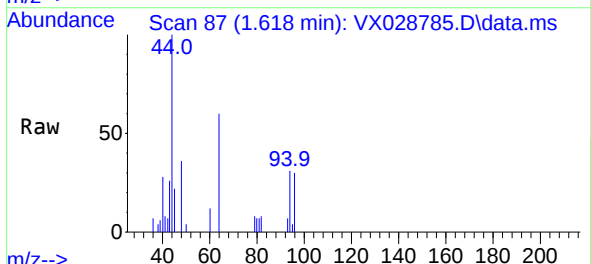


Tgt Ion:168 Resp: 321102
Ion Ratio Lower Upper
168 100
99 62.0 41.7 62.5

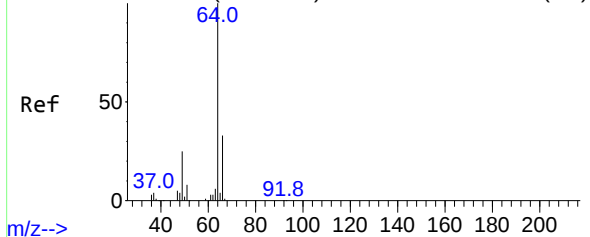


#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX028785.D
Acq: 18 May 2022 02:35

Tgt Ion: 94 Resp: 624
Ion Ratio Lower Upper
94 100
96 98.5 75.3 112.9



Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)

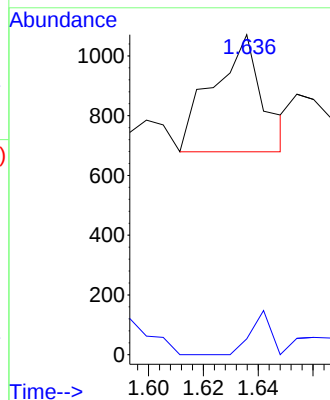
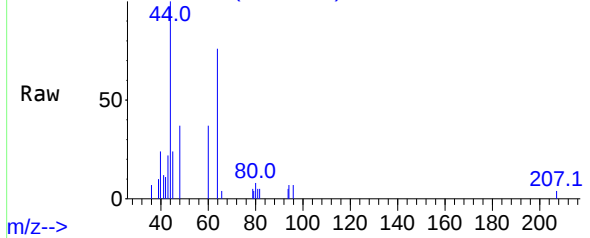


#6
Chloroethane
Concen: Below Cal
RT: 1.636 min Scan# 90
Delta R.T. -0.042 min
Lab File: VX028785.D
Acq: 18 May 2022 02:35

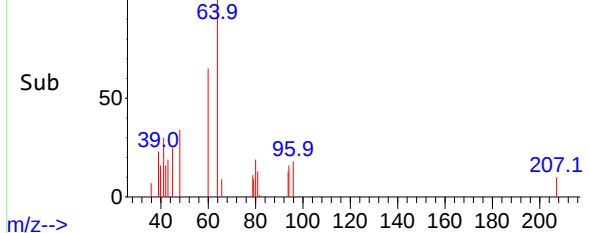
Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#04

Tgt Ion: 64 Resp: 490
Ion Ratio Lower Upper
64 100
66 13.5 25.3 37.9#

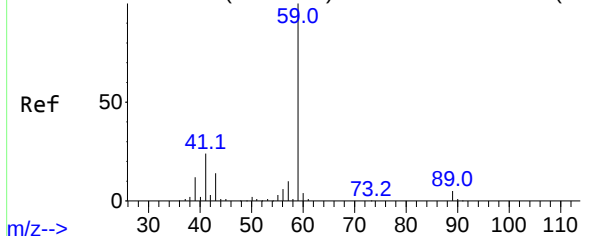
Abundance Scan 90 (1.636 min): VX028785.D\data.ms



Abundance Scan 90 (1.636 min): VX028785.D\data.ms (-48)



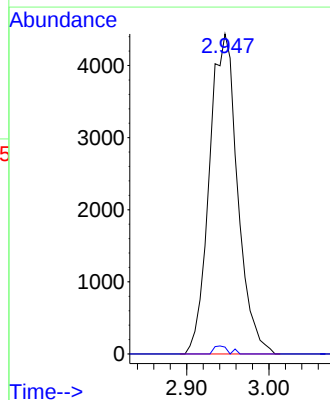
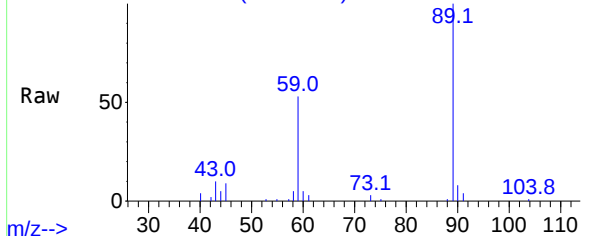
Abundance Scan 307 (2.958 min): VX028635.D\data.ms (-29)



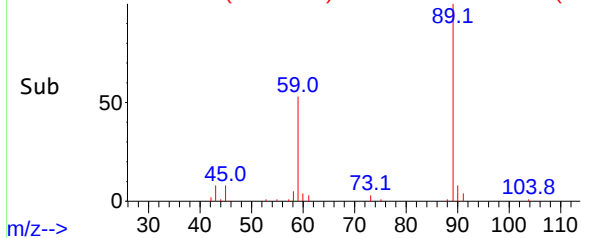
#11
Tert butyl alcohol
Concen: 3.465 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX028785.D
Acq: 18 May 2022 02:35

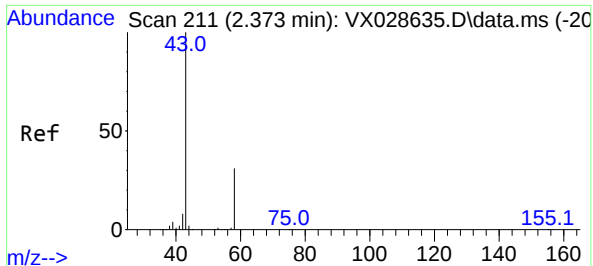
Tgt Ion: 59 Resp: 10586
Ion Ratio Lower Upper
59 100
57 1.3 8.3 12.5#

Abundance Scan 305 (2.947 min): VX028785.D\data.ms



Abundance Scan 305 (2.947 min): VX028785.D\data.ms (-25)

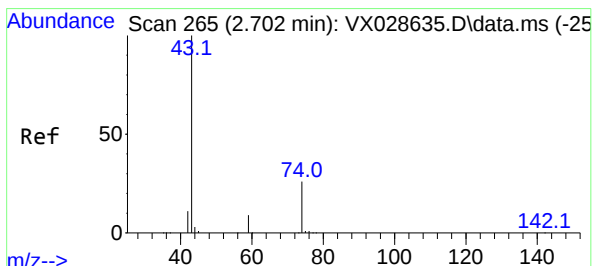
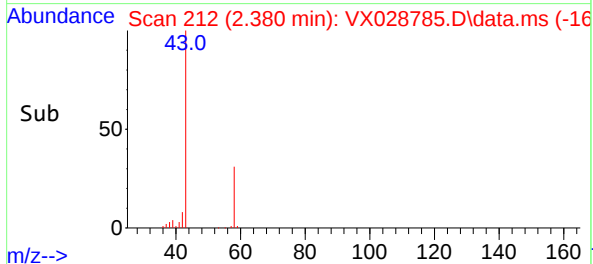
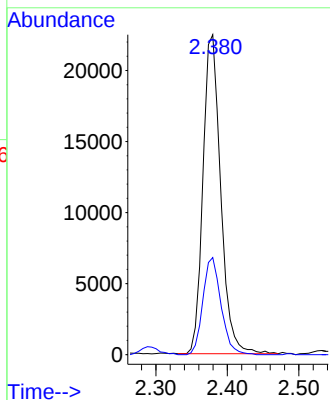
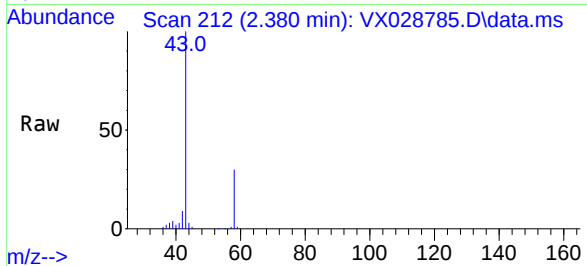




#16
Acetone
Concen: 20.470 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028785.D
Acq: 18 May 2022 02:35

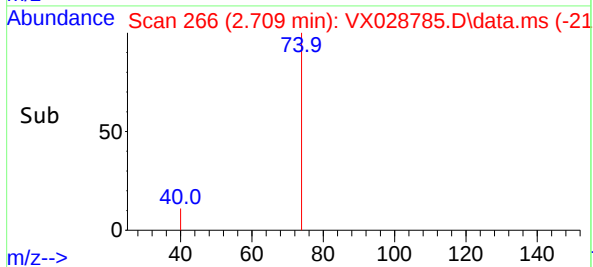
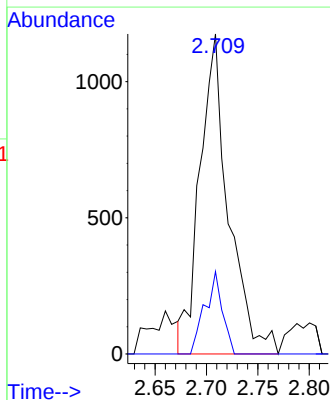
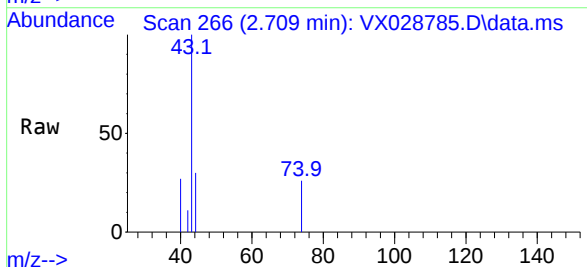
Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#04

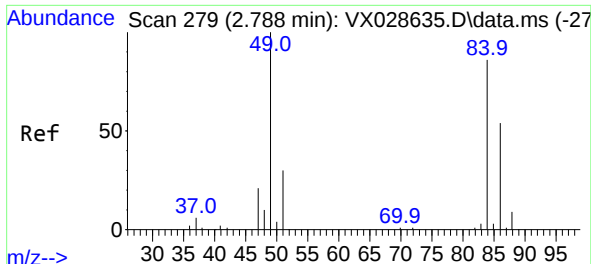
Tgt Ion: 43 Resp: 38668
Ion Ratio Lower Upper
43 100
58 30.4 28.8 43.2



#18
Methyl Acetate
Concen: 0.481 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.007 min
Lab File: VX028785.D
Acq: 18 May 2022 02:35

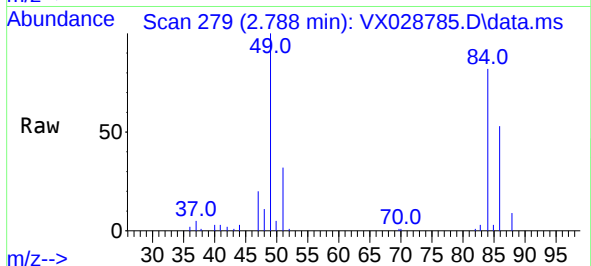
Tgt Ion: 43 Resp: 2276
Ion Ratio Lower Upper
43 100
74 15.7 22.8 34.2#





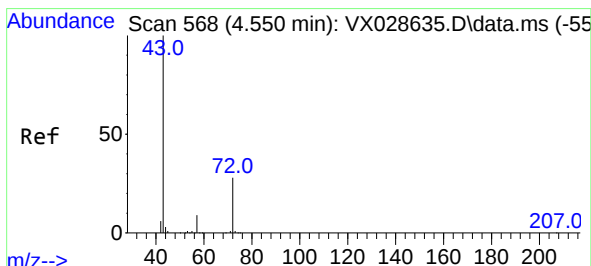
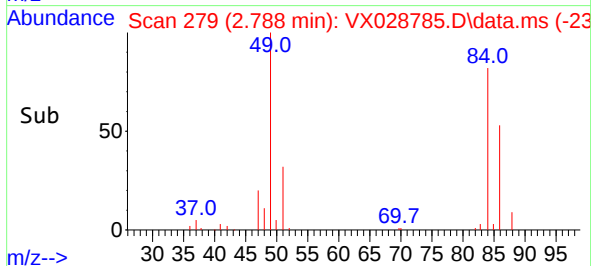
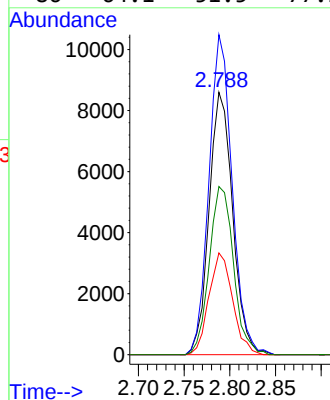
#20
Methylene Chloride
Concen: 3.904 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX028785.D
Acq: 18 May 2022 02:35

Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#04



Tgt Ion: 84 Resp: 15472

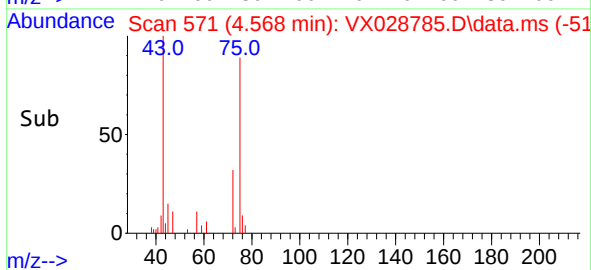
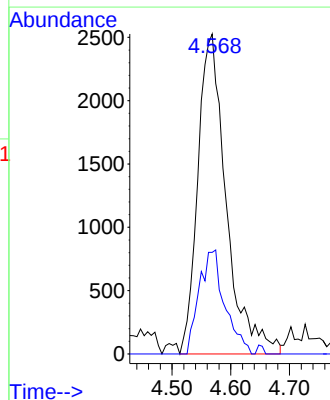
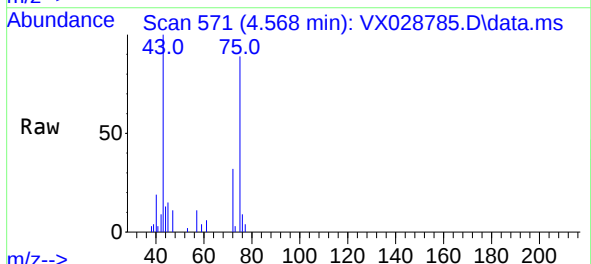
Ion	Ratio	Lower	Upper
84	100		
49	121.9	85.5	128.3
51	38.8	26.6	39.8
86	64.1	51.5	77.3

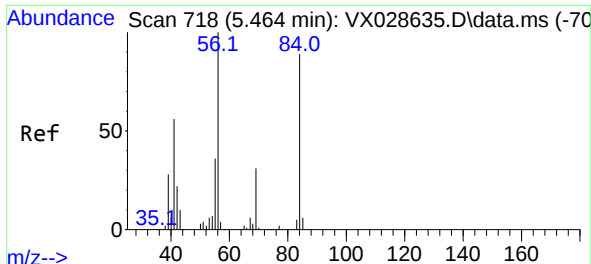


#25
2-Butanone
Concen: 2.862 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.018 min
Lab File: VX028785.D
Acq: 18 May 2022 02:35

Tgt Ion: 43 Resp: 8487

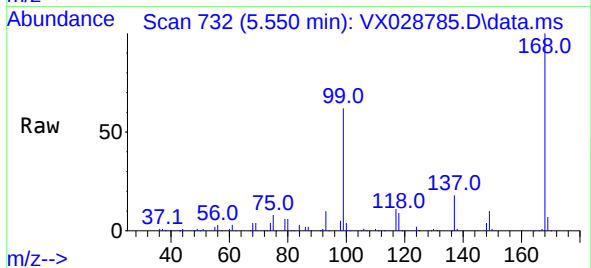
Ion	Ratio	Lower	Upper
43	100		
72	31.7	24.4	36.6



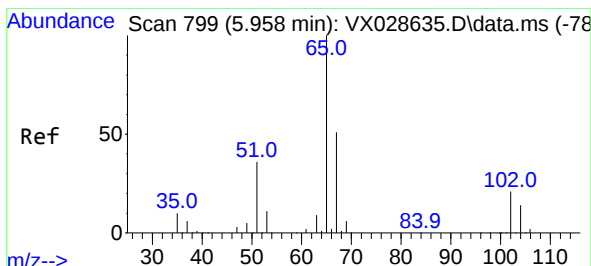
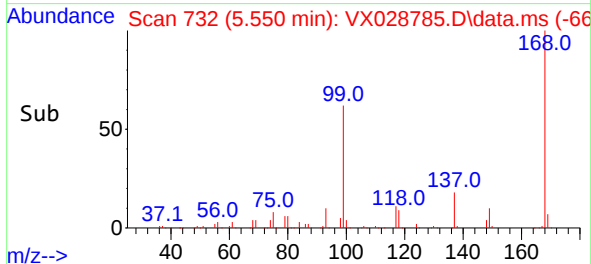
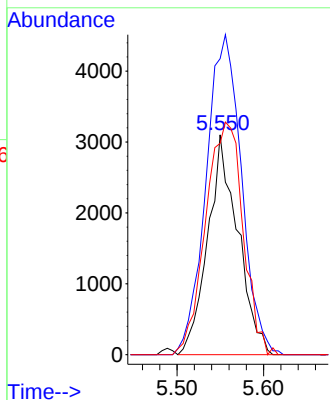


#31
Cyclohexane
Concen: 1.224 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.086 min
Lab File: VX028785.D
Acq: 18 May 2022 02:35

Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#04

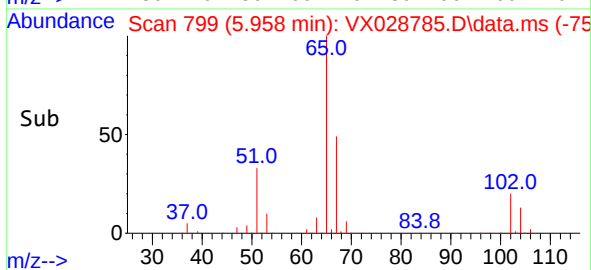
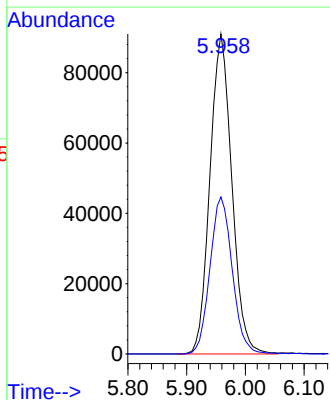
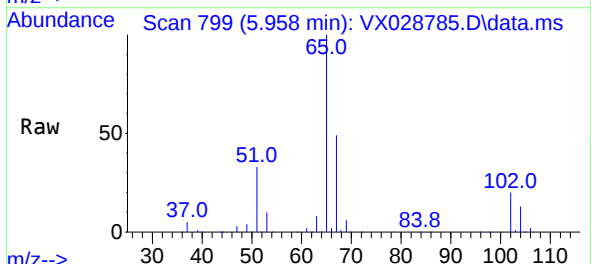


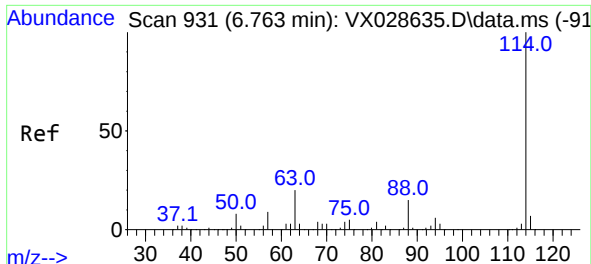
Tgt Ion: 56 Resp: 7480
Ion Ratio Lower Upper
56 100
69 132.9 26.7 40.1#
84 96.2 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 53.464 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028785.D
Acq: 18 May 2022 02:35

Tgt Ion: 65 Resp: 235325
Ion Ratio Lower Upper
65 100
67 50.0 0.0 107.4

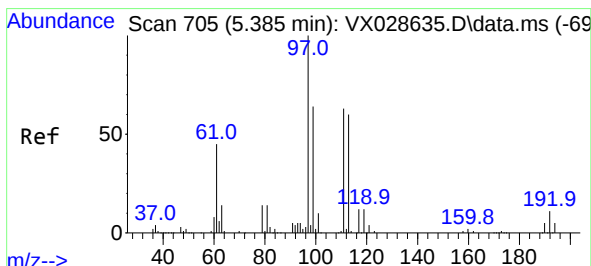
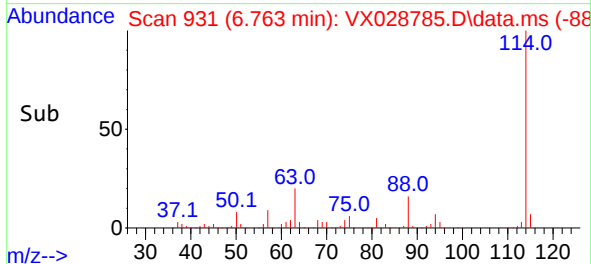
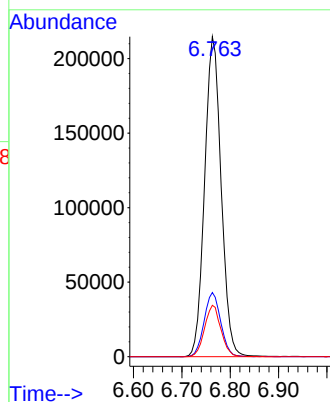
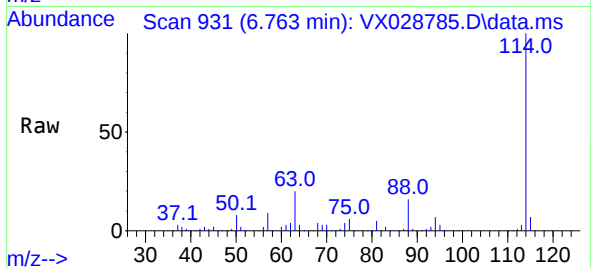




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028785.D
Acq: 18 May 2022 02:35

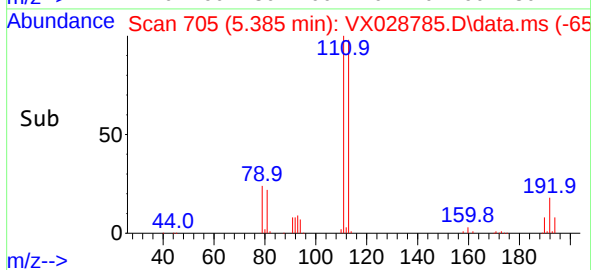
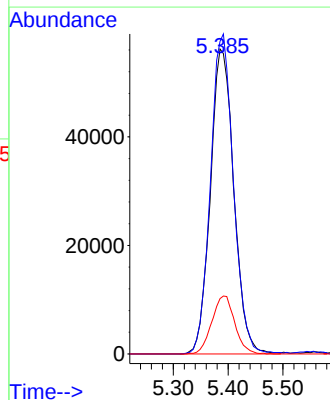
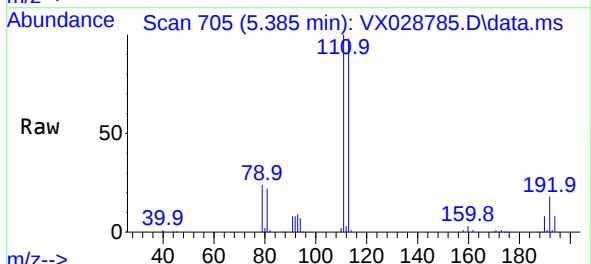
Instrument :
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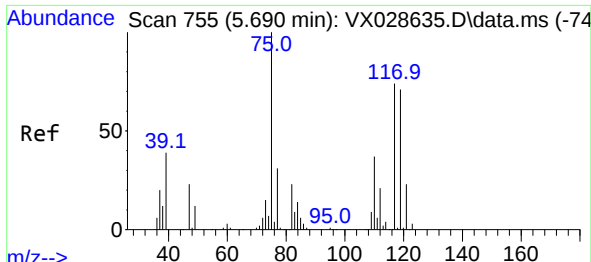
Tgt Ion:114 Resp: 509207
Ion Ratio Lower Upper
114 100
63 20.0 0.0 36.8
88 16.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.003 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028785.D
Acq: 18 May 2022 02:35

Tgt Ion:113 Resp: 166821
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 18.6 16.9 25.3

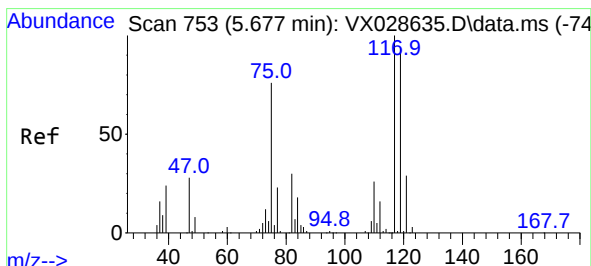
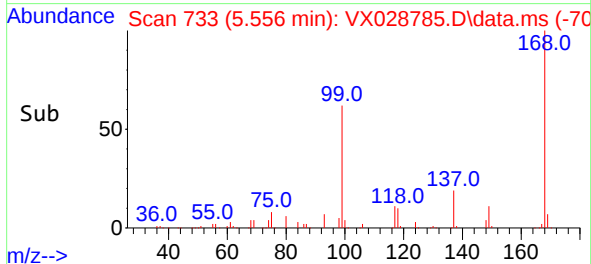
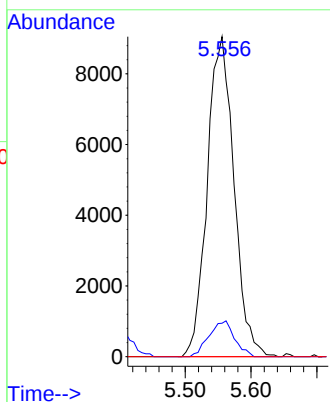
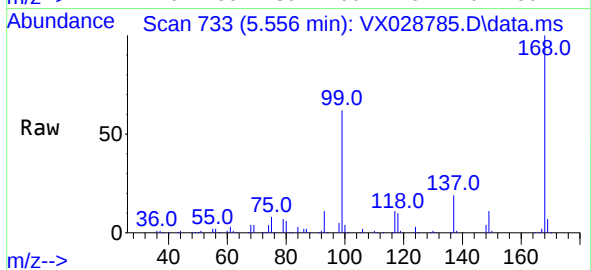




#36
1,1-Dichloropropene
Concen: 5.103 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX028785.D
Acq: 18 May 2022 02:35

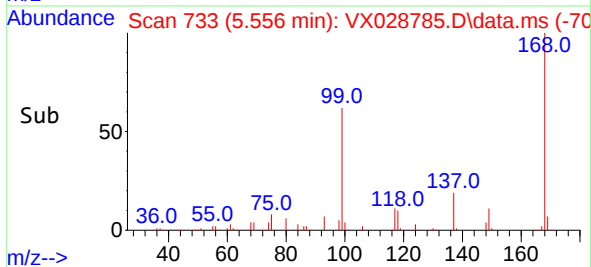
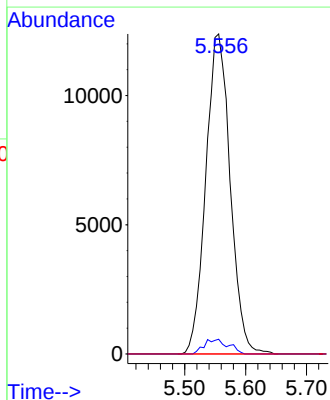
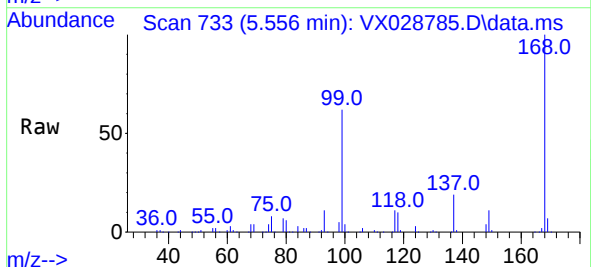
Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#04

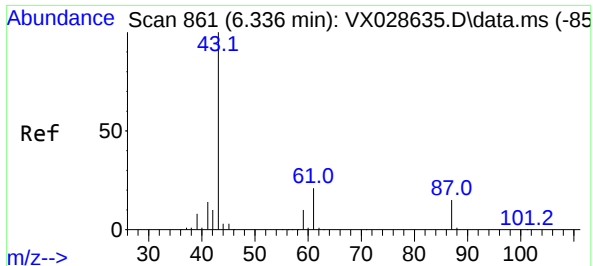
Tgt Ion: 75 Resp: 25570
Ion Ratio Lower Upper
75 100
110 10.7 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.830 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028785.D
Acq: 18 May 2022 02:35

Tgt Ion: 117 Resp: 34445
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#

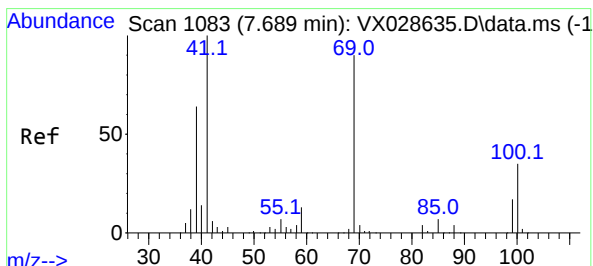
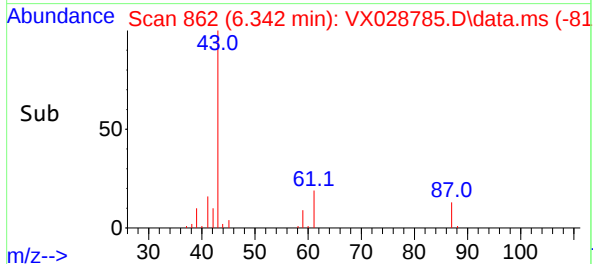
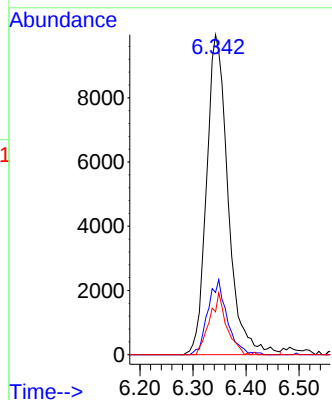
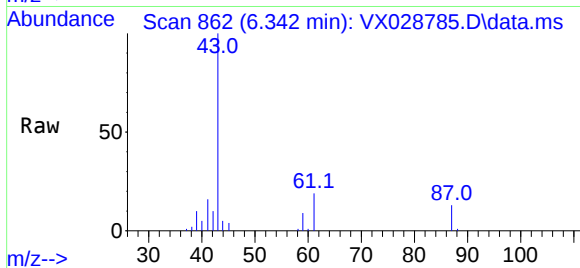




#43
Isopropyl Acetate
Concen: 3.430 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX028785.D
Acq: 18 May 2022 02:35

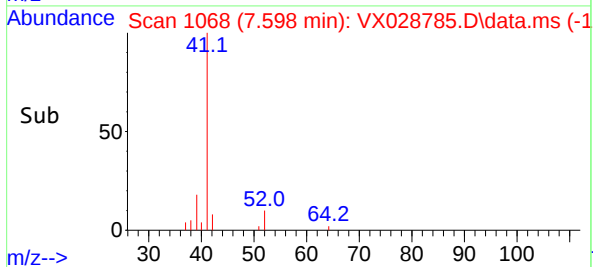
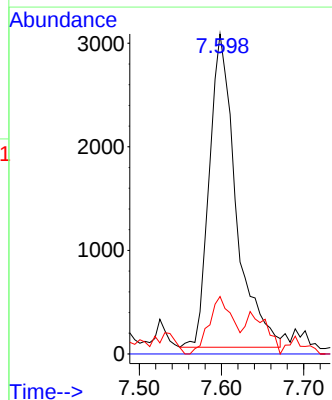
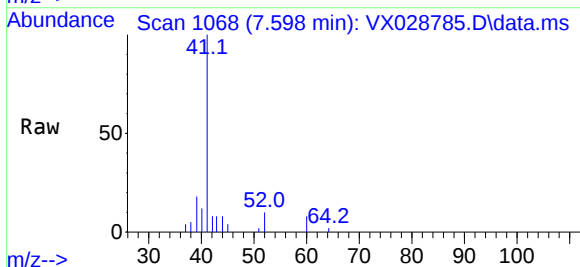
Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#04

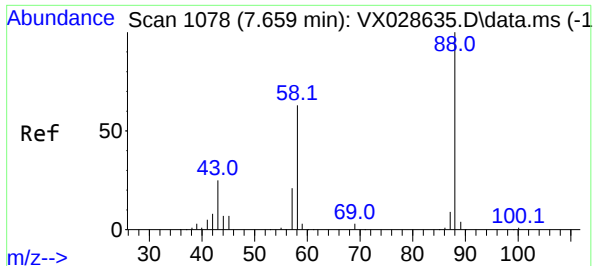
Tgt Ion:	43	Resp:	28082
Ion	Ratio	Lower	Upper
43	100		
61	21.1	18.5	27.7
87	15.3	13.0	19.6



#48
Methyl methacrylate
Concen: 1.723 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.091 min
Lab File: VX028785.D
Acq: 18 May 2022 02:35

Tgt Ion:	41	Resp:	6815
Ion	Ratio	Lower	Upper
41	100		
69	0.0	82.5	123.7#
39	0.0	43.8	65.8#





#49

1,4-Dioxane

Concen: 2.915 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.134 min

Lab File: VX028785.D

Acq: 18 May 2022 02:35

Instrument :

MSVOA_X

ClientSampleId :

PB144875ZHE#04

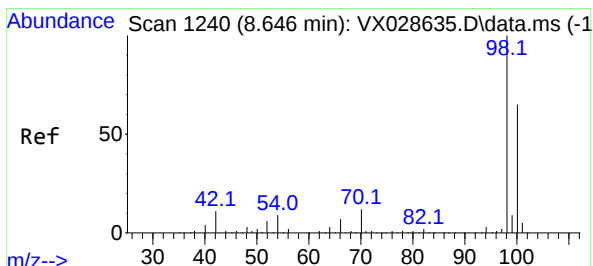
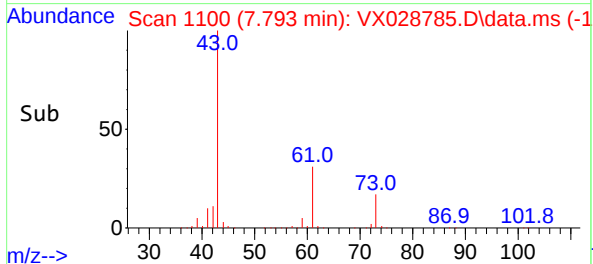
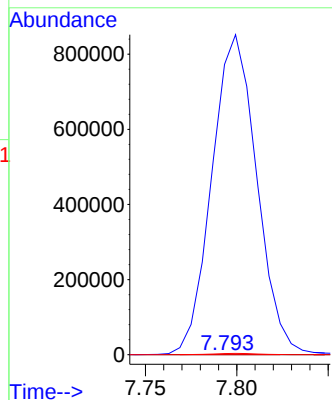
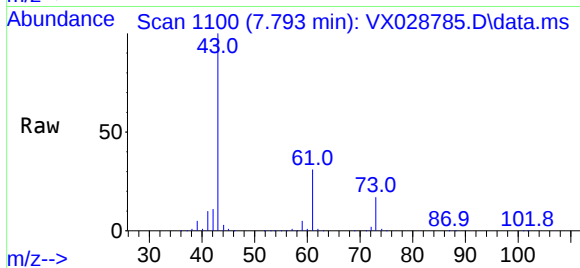
Tgt Ion: 88 Resp: 288

Ion Ratio Lower Upper

88 100

43 509681.9 21.9 32.9#

58 2139.9 53.7 80.5#



#50

Toluene-d8

Concen: 49.055 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028785.D

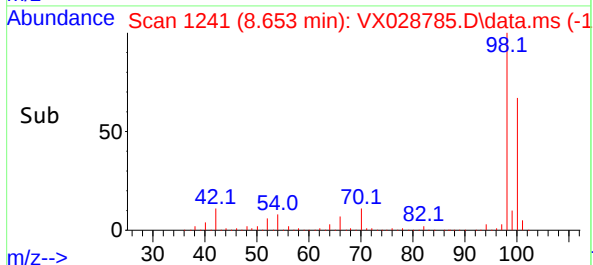
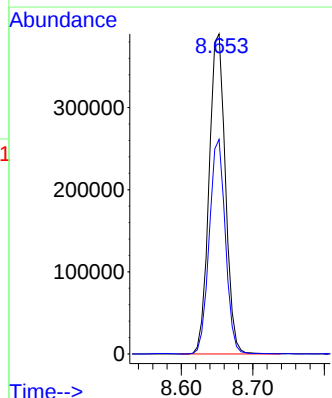
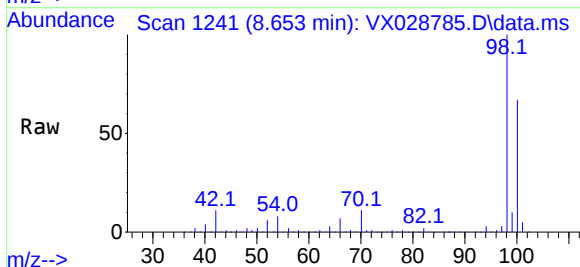
Acq: 18 May 2022 02:35

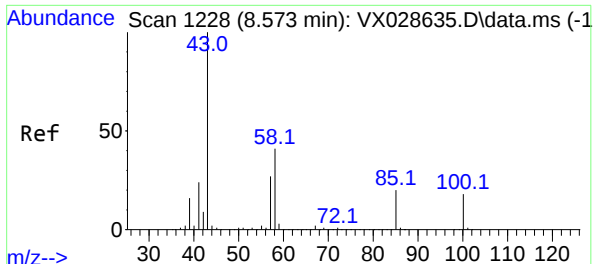
Tgt Ion: 98 Resp: 617032

Ion Ratio Lower Upper

98 100

100 66.1 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 18.125 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX028785.D

Acq: 18 May 2022 02:35

Instrument :

MSVOA_X

ClientSampleId :

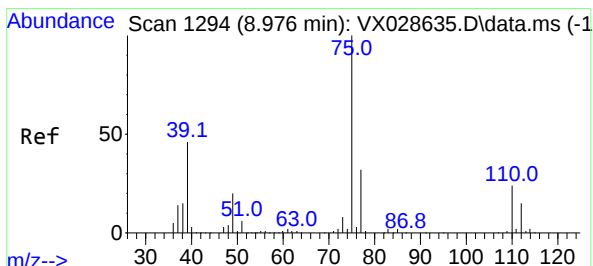
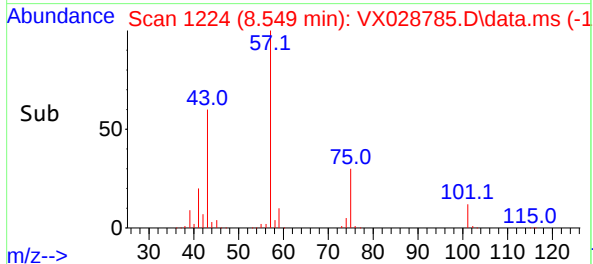
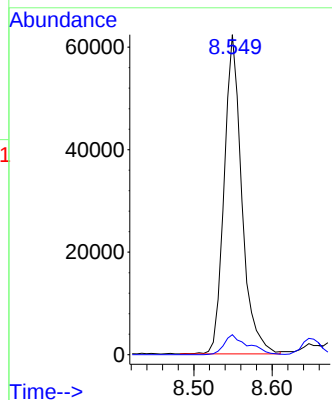
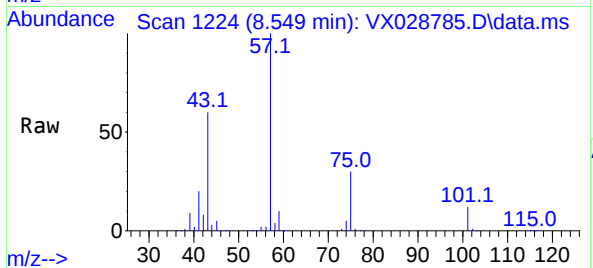
PB144875ZHE#04

Tgt Ion: 43 Resp: 97756

Ion Ratio Lower Upper

43 100

58 8.5 36.1 54.1#



#53

t-1,3-Dichloropropene

Concen: 1.645 ug/l

RT: 8.988 min Scan# 1296

Delta R.T. 0.012 min

Lab File: VX028785.D

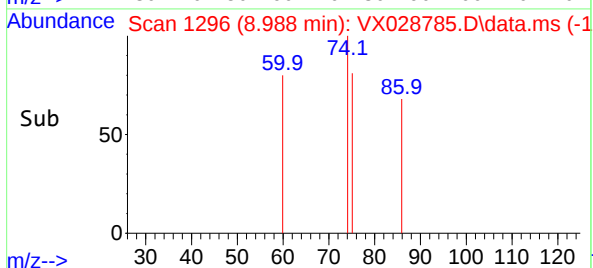
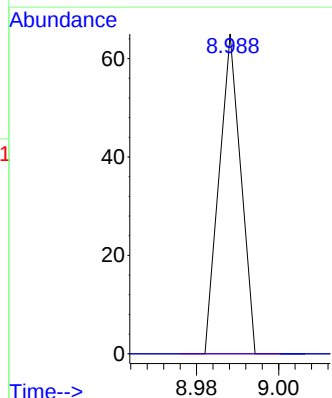
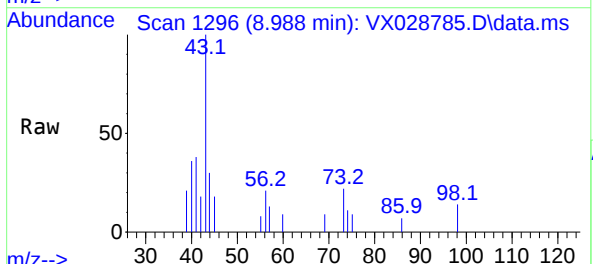
Acq: 18 May 2022 02:35

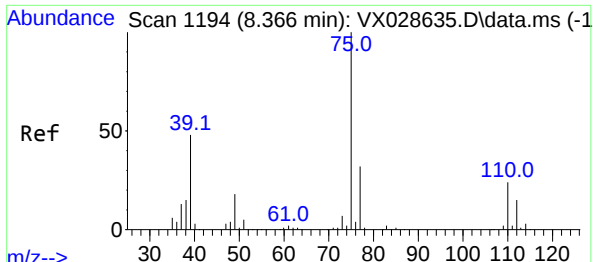
Tgt Ion: 75 Resp: 24

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

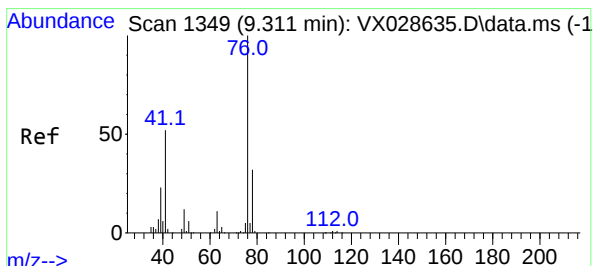
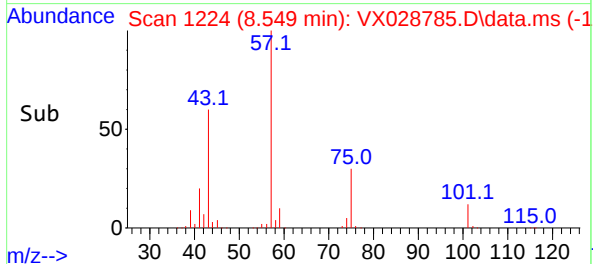
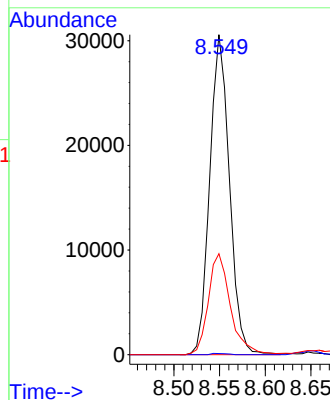
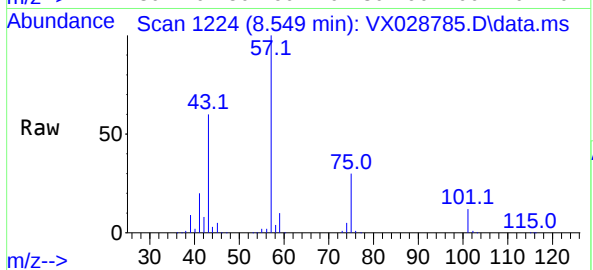




#54
 cis-1,3-Dichloropropene
 Concen: 8.160 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX028785.D
 Acq: 18 May 2022 02:35

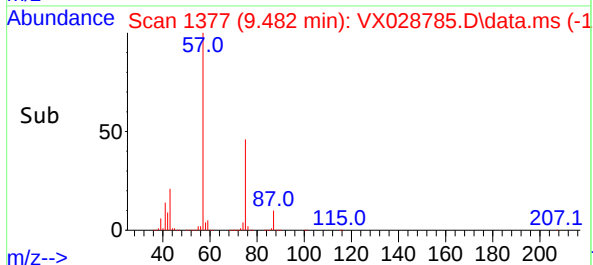
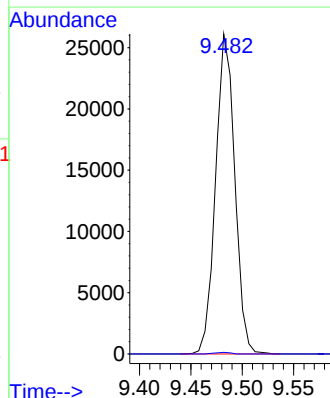
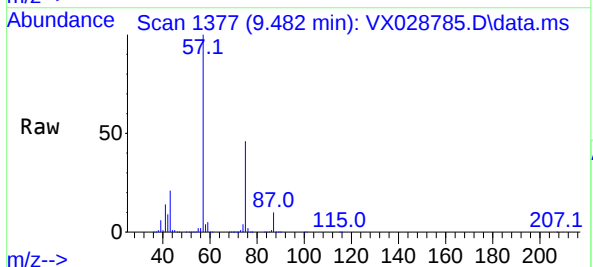
Instrument :
 MSVOA_X
 ClientSampleId :
 PB144875ZHE#04

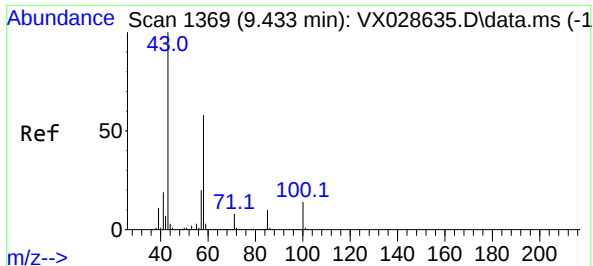
Tgt Ion: 75 Resp: 45743
 Ion Ratio Lower Upper
 75 100
 77 0.4 24.8 37.2#
 39 31.5 29.6 44.4



#57
 1,3-Dichloropropane
 Concen: 5.303 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX028785.D
 Acq: 18 May 2022 02:35

Tgt Ion: 76 Resp: 33791
 Ion Ratio Lower Upper
 76 100
 78 0.4 25.8 38.8#

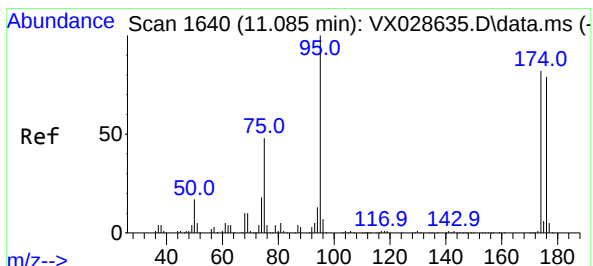
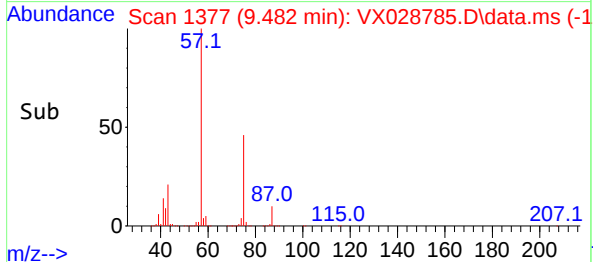
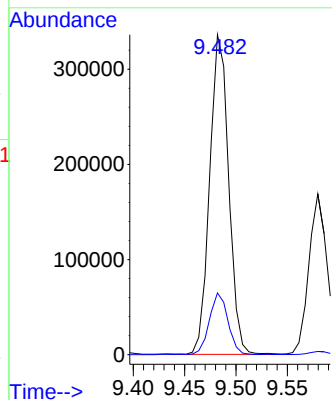
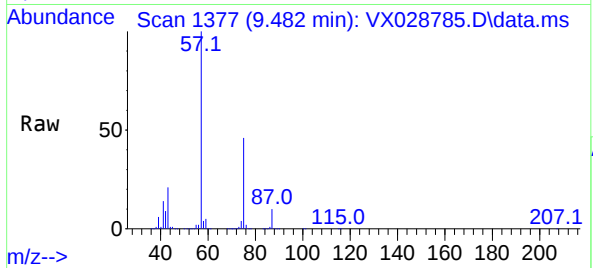




#59
2-Hexanone
Concen: 103.454 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX028785.D
Acq: 18 May 2022 02:35

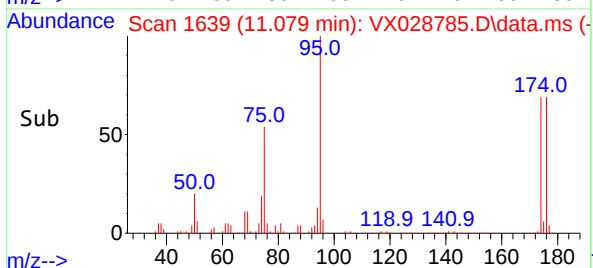
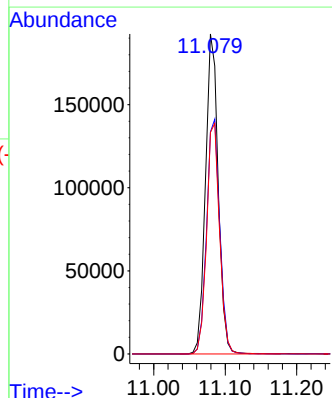
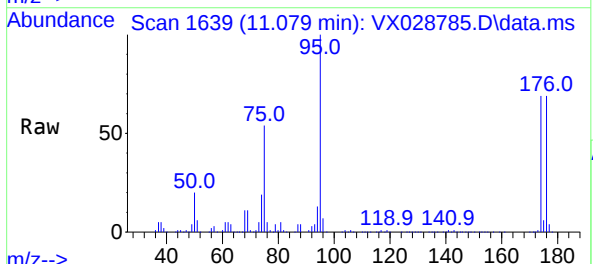
Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#04

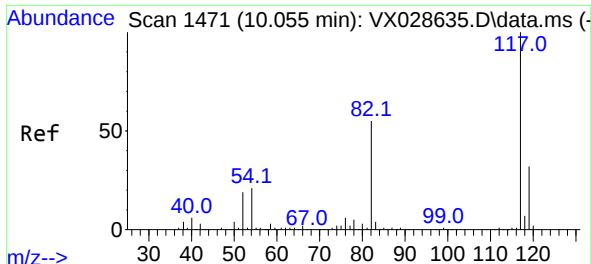
Tgt Ion: 43 Resp: 433506
Ion Ratio Lower Upper
43 100
58 18.8 31.9 95.7#



#62
4-Bromofluorobenzene
Concen: 50.705 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028785.D
Acq: 18 May 2022 02:35

Tgt Ion: 95 Resp: 238218
Ion Ratio Lower Upper
95 100
174 75.9 0.0 163.0
176 73.4 0.0 155.0

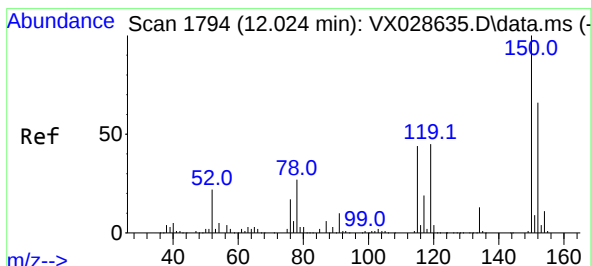
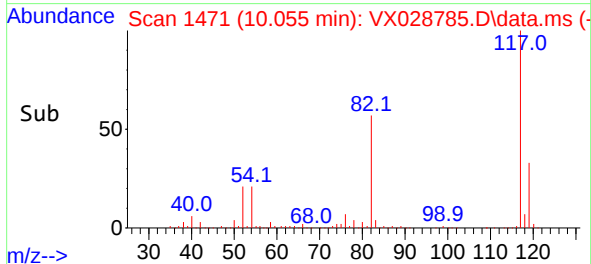
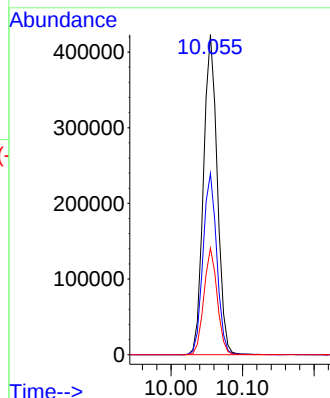
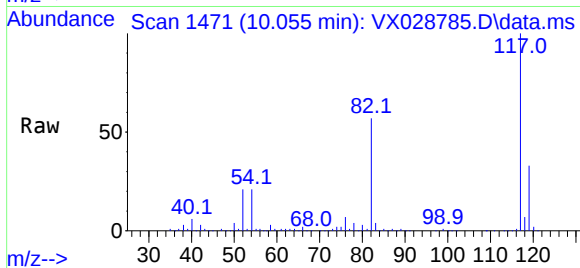




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028785.D
Acq: 18 May 2022 02:35

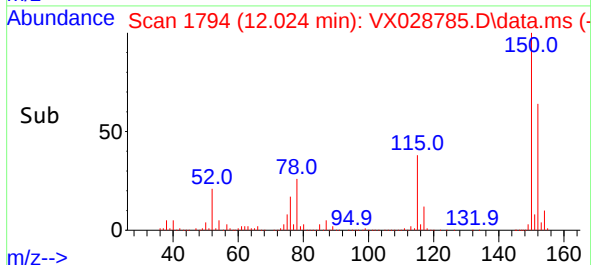
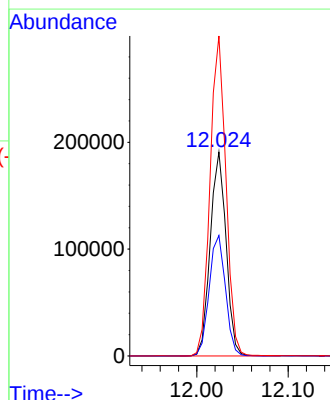
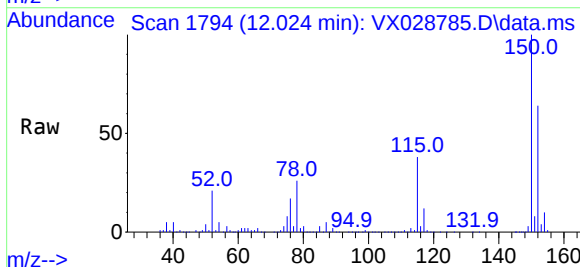
Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#04

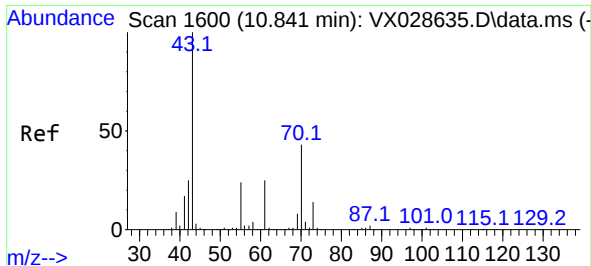
Tgt Ion:117 Resp: 567431
Ion Ratio Lower Upper
117 100
82 56.6 41.8 62.8
119 33.3 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028785.D
Acq: 18 May 2022 02:35

Tgt Ion:152 Resp: 229062
Ion Ratio Lower Upper
152 100
115 61.1 37.5 112.7
150 157.7 0.0 338.2

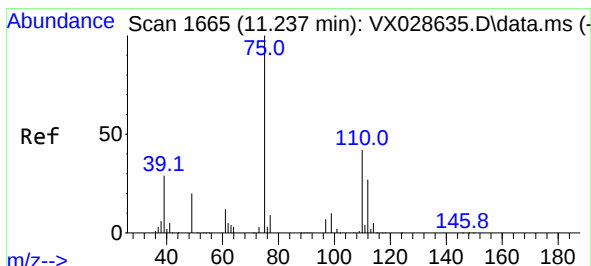
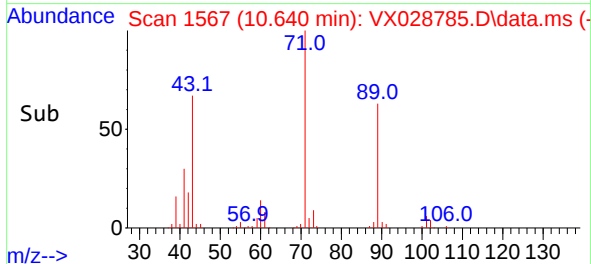
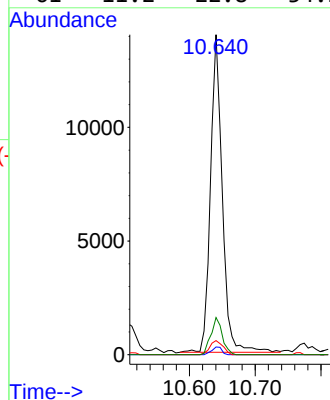
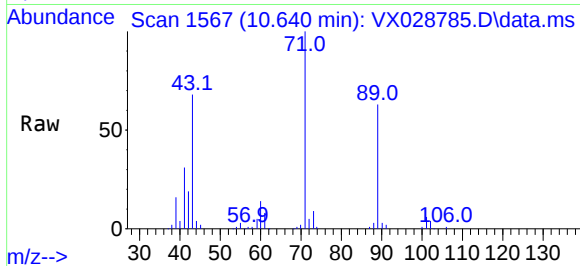




#74
N-amy1 acetate
Concen: 2.561 ug/l
RT: 10.640 min Scan# 1639
Delta R.T. -0.201 min
Lab File: VX028785.D
Acq: 18 May 2022 02:35

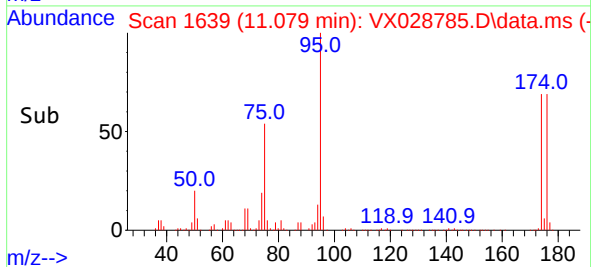
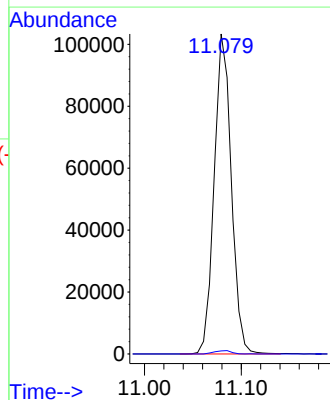
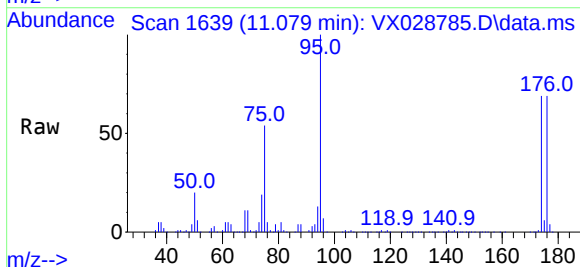
Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#04

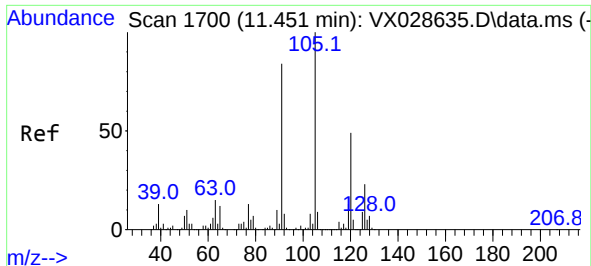
Tgt Ion: 43	Resp: 17485
Ion Ratio	Lower Upper
43 100	
70 2.1	42.5 63.7#
55 4.9	23.1 34.7#
61 11.2	22.8 34.2#



#76
1,2,3-Trichloropropane
Concen: 23.673 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028785.D
Acq: 18 May 2022 02:35

Tgt Ion: 75	Resp: 126992
Ion Ratio	Lower Upper
75 100	
77 1.1	19.4 58.2#

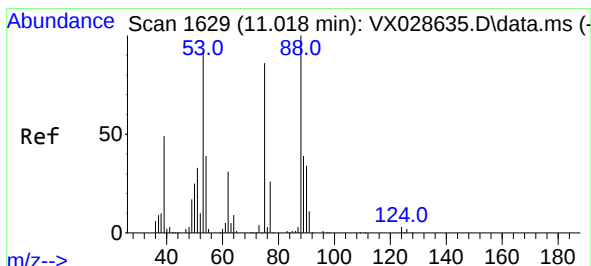
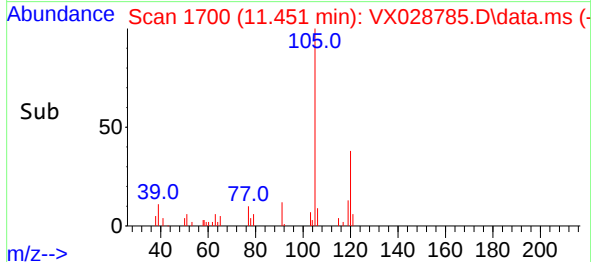
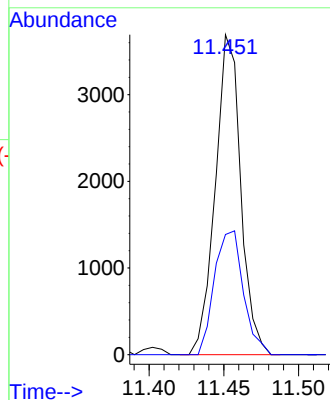
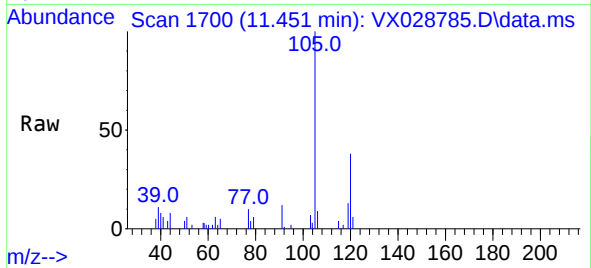




#80
1,3,5-Trimethylbenzene
Concen: 0.302 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028785.D
Acq: 18 May 2022 02:35

Instrument :
MSVOA_X
ClientSampleId :
PB144875ZHE#04

Tgt Ion:105 Resp: 4367
Ion Ratio Lower Upper
105 100
120 44.0 24.3 72.9



#81
trans-1,4-Dichloro-2-butene
Concen: 69.026 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028785.D
Acq: 18 May 2022 02:35

Tgt Ion: 75 Resp: 126992
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

