

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020122\
 Data File : VX026718.D
 Acq On : 01 Feb 2022 19:34
 Operator : JC/MD
 Sample : PB142403ZHE#11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142403ZHE#11

Quant Time: Feb 02 04:37:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

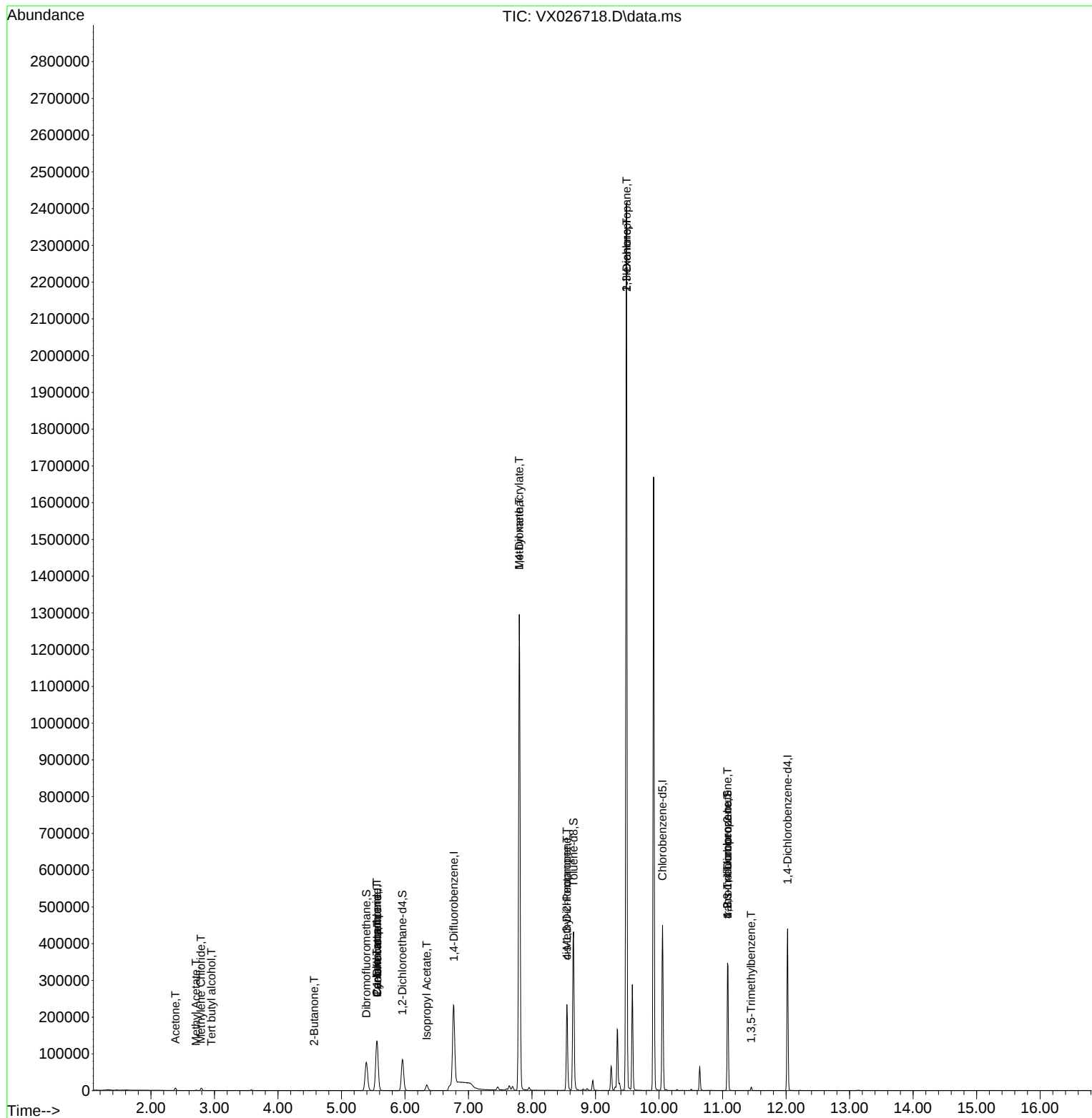
Internal Standards						
1) Pentafluorobenzene	5.562	168	130383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	219823	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82631	45.368	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.740%
35) Dibromofluoromethane	5.391	113	68525	48.272	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.540%
50) Toluene-d8	8.653	98	259656	50.759	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.520%
62) 4-Bromofluorobenzene	11.079	95	98422	54.161	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.320%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	129	0.509	ug/l #	75
16) Acetone	2.386	43	7526	8.103	ug/l	95
18) Methyl Acetate	2.709	43	2192	1.187	ug/l #	82
20) Methylene Chloride	2.788	84	2973	1.937	ug/l	93
25) 2-Butanone	4.568	43	1551	1.284	ug/l	90
31) Cyclohexane	5.562	56	2563	0.954	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9990	4.458	ug/l #	51
38) Carbon Tetrachloride	5.556	117	13272	5.758	ug/l #	17
43) Isopropyl Acetate	6.342	43	20993	5.733	ug/l	99
48) Methyl methacrylate	7.799	41	108558	59.821	ug/l #	45
49) 1,4-Dioxane	7.799	88	172	5.776	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	77162	35.526	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	36058	15.245	ug/l #	57
57) 1,3-Dichloropropane	9.488	76	21328	8.299	ug/l #	43
59) 2-Hexanone	9.488	43	297678	179.070	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	48927	24.689	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	4171	0.686	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.079	75	48927	75.107	ug/l #	3

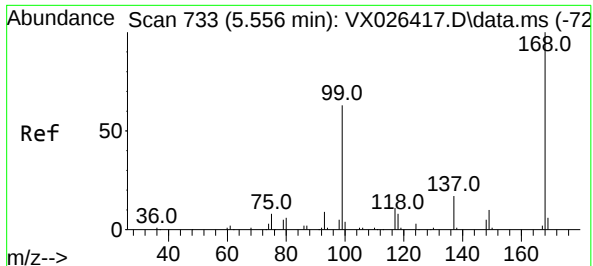
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020122\
Data File : VX026718.D
Acq On : 01 Feb 2022 19:34
Operator : JC/MD
Sample : PB142403ZHE#11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#11

Quant Time: Feb 02 04:37:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration

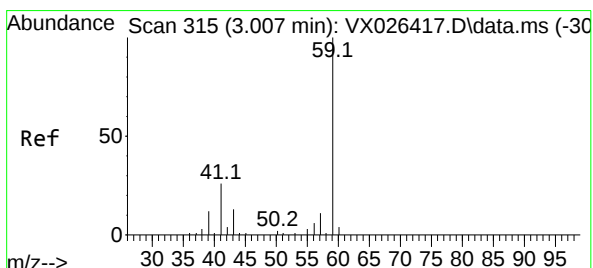
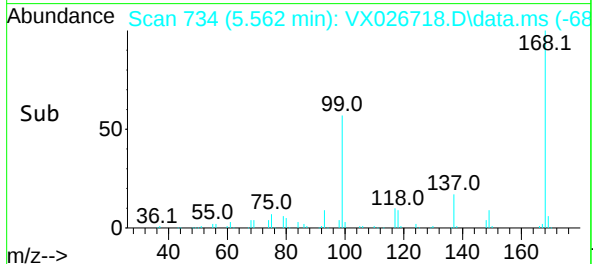
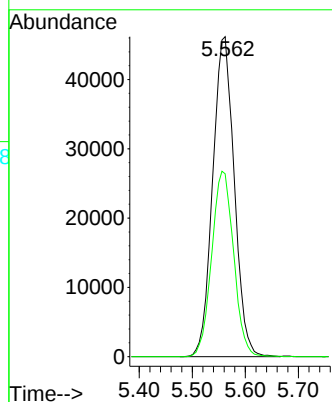
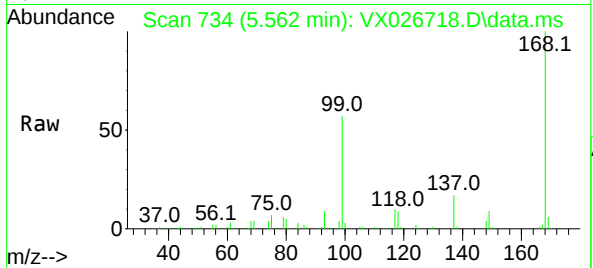




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026718.D
Acq: 01 Feb 2022 19:34

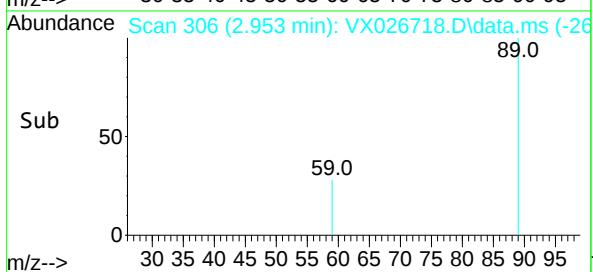
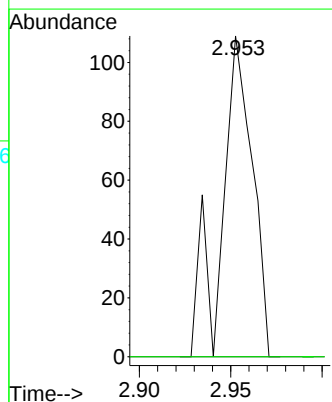
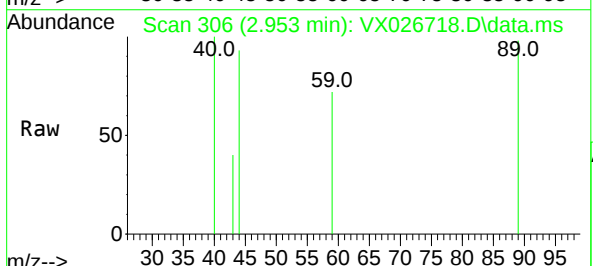
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#11

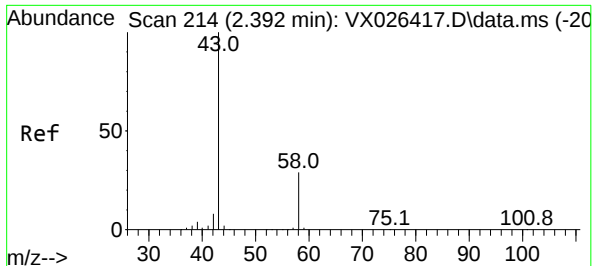
Tgt Ion:168 Resp: 130383
Ion Ratio Lower Upper
168 100
99 57.2 50.3 75.5



#11
Tert butyl alcohol
Concen: 0.509 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.054 min
Lab File: VX026718.D
Acq: 01 Feb 2022 19:34

Tgt Ion: 59 Resp: 129
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

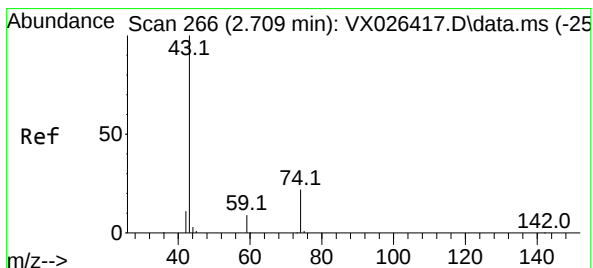
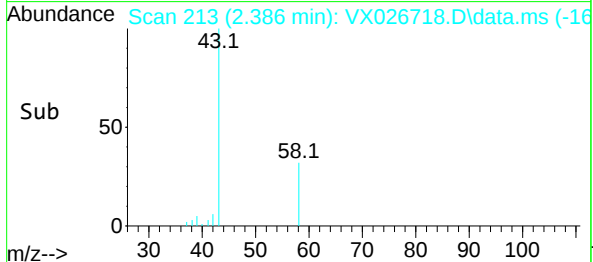
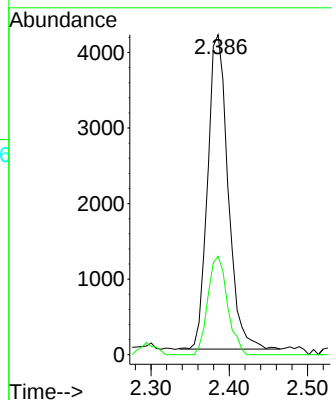
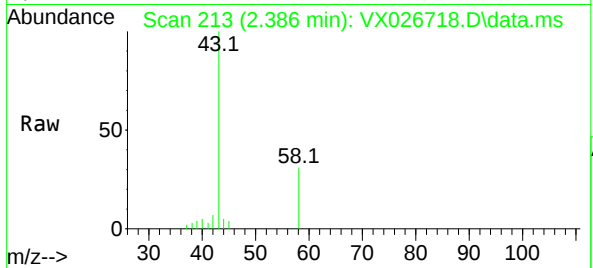




#16
Acetone
Concen: 8.103 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026718.D
Acq: 01 Feb 2022 19:34

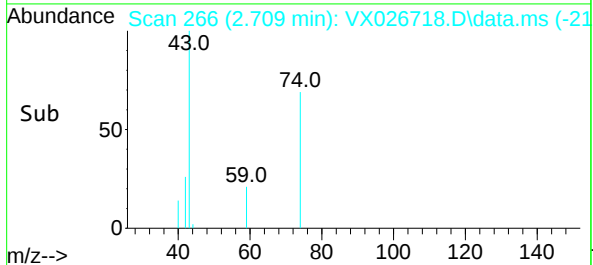
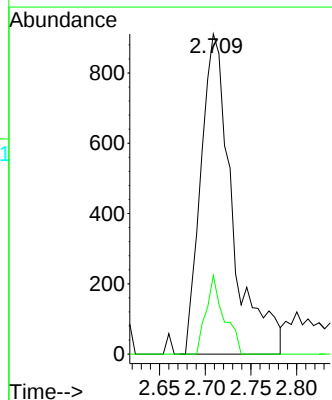
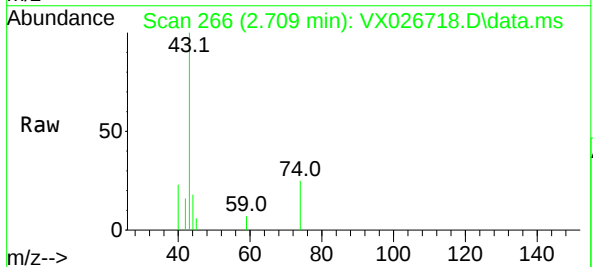
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#11

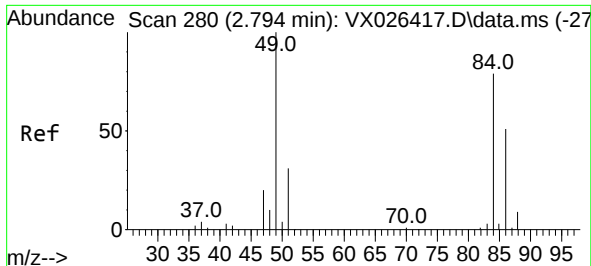
Tgt Ion: 43 Resp: 7526
Ion Ratio Lower Upper
43 100
58 31.3 23.0 34.6



#18
Methyl Acetate
Concen: 1.187 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX026718.D
Acq: 01 Feb 2022 19:34

Tgt Ion: 43 Resp: 2192
Ion Ratio Lower Upper
43 100
74 14.0 18.3 27.5#





#20

Methylene Chloride

Concen: 1.937 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX026718.D

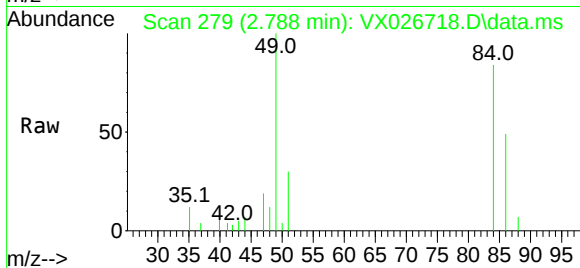
Acq: 01 Feb 2022 19:34

Instrument :

MSVOA_X

ClientSampleId :

PB142403ZHE#11



Tgt Ion: 84 Resp: 2973

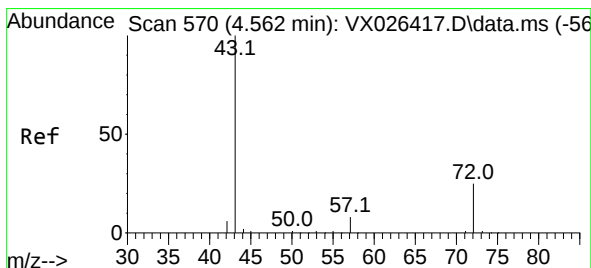
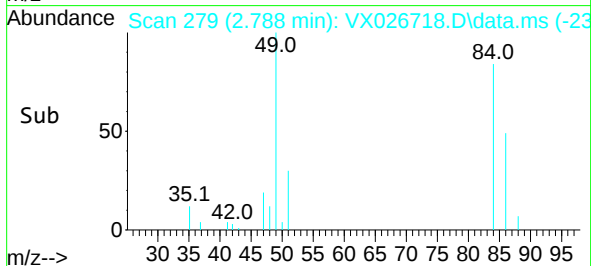
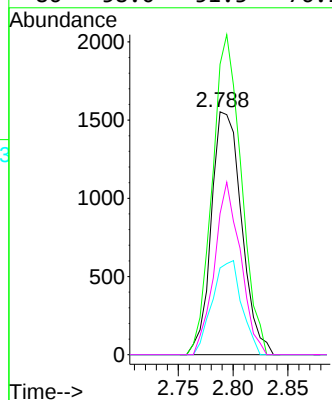
Ion Ratio Lower Upper

84 100

49 119.6 101.5 152.3

51 35.7 31.2 46.8

86 58.0 51.3 76.9



#25

2-Butanone

Concen: 1.284 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX026718.D

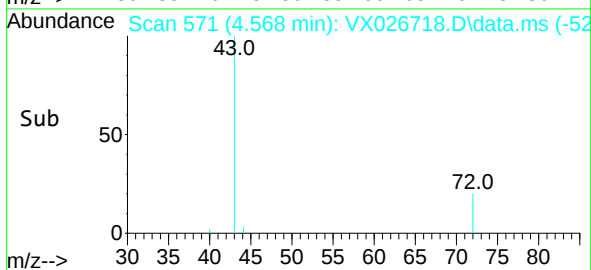
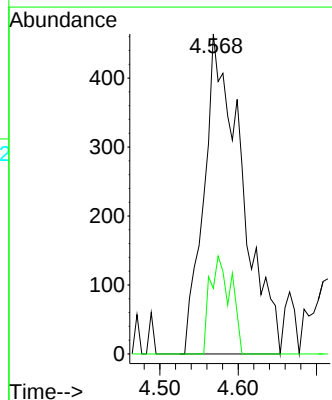
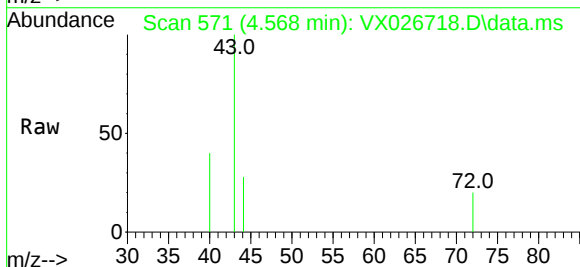
Acq: 01 Feb 2022 19:34

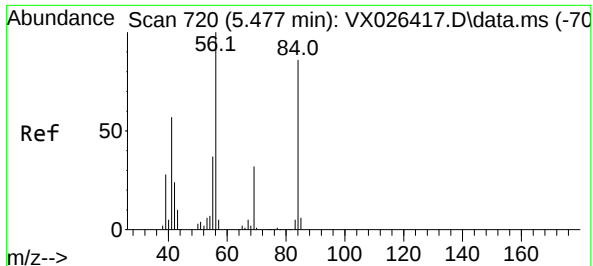
Tgt Ion: 43 Resp: 1551

Ion Ratio Lower Upper

43 100

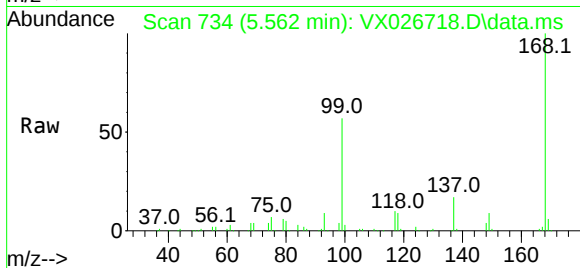
72 20.5 20.4 30.6



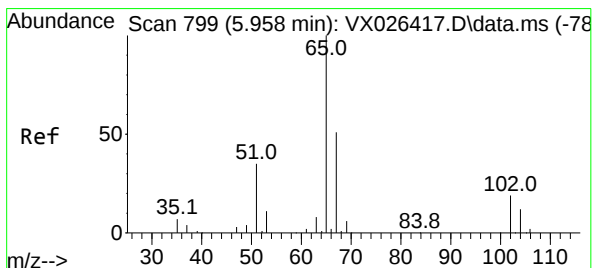
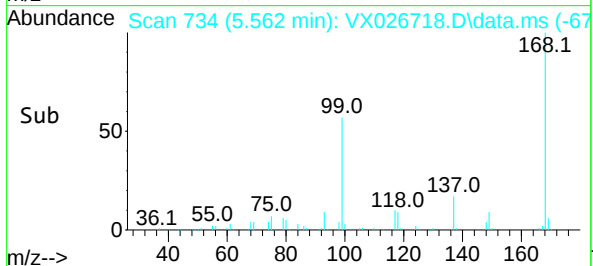
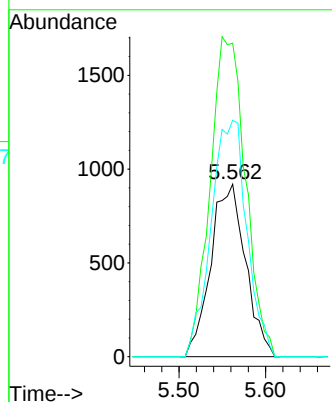


#31
Cyclohexane
Concen: 0.954 ug/l
RT: 5.562 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX026718.D
Acq: 01 Feb 2022 19:34

Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#11

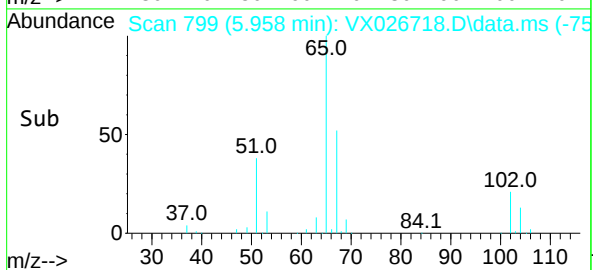
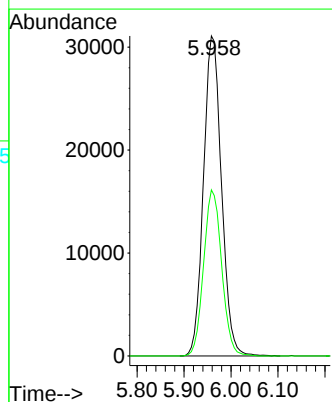
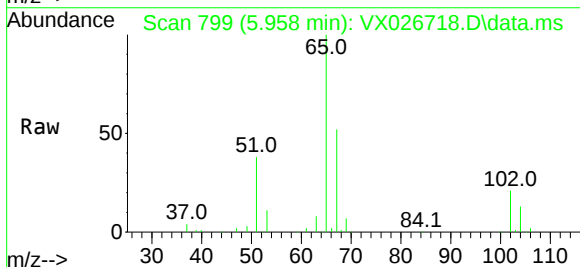


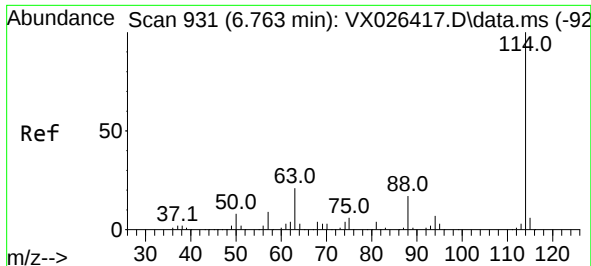
Tgt Ion: 56 Resp: 2563
Ion Ratio Lower Upper
56 100
69 181.6 25.8 38.6#
84 137.0 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 45.368 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026718.D
Acq: 01 Feb 2022 19:34

Tgt Ion: 65 Resp: 82631
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.8

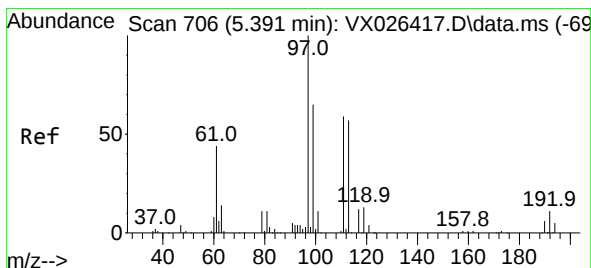
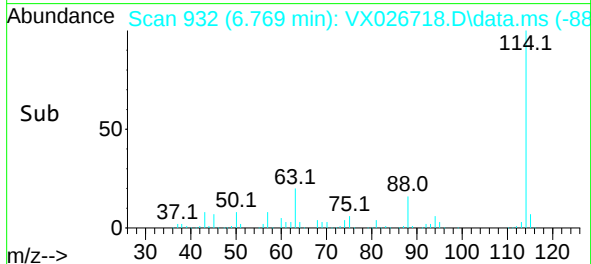
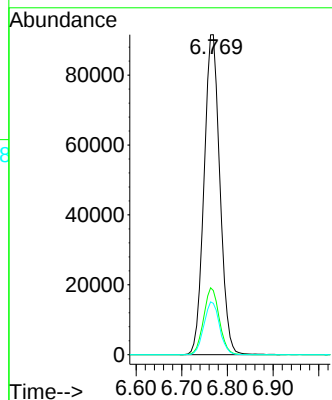
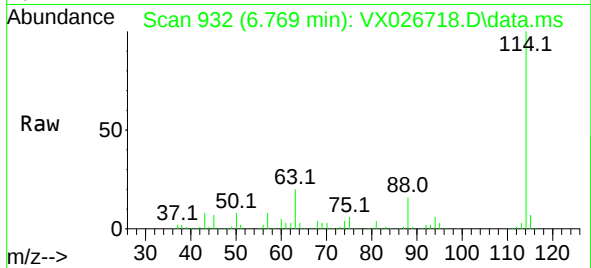




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX026718.D
Acq: 01 Feb 2022 19:34

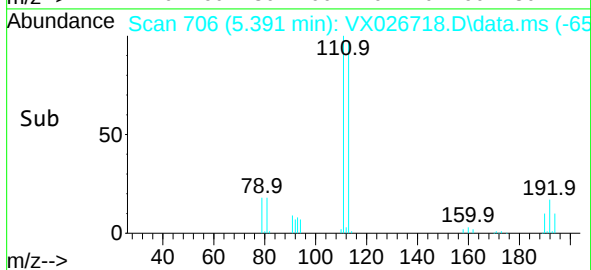
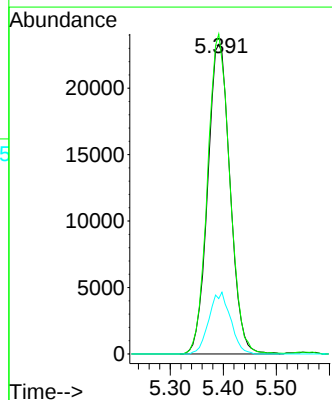
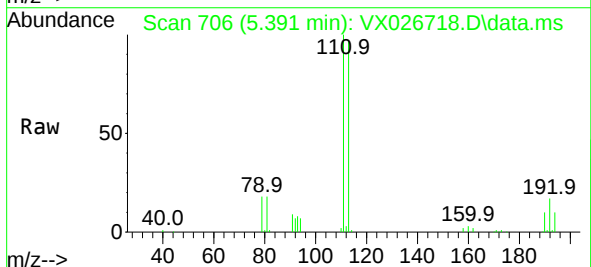
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#11

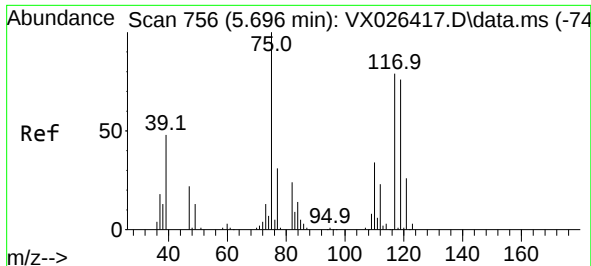
Tgt Ion:114 Resp: 219823
Ion Ratio Lower Upper
114 100
63 20.1 0.0 42.8
88 16.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.272 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026718.D
Acq: 01 Feb 2022 19:34

Tgt Ion:113 Resp: 68525
Ion Ratio Lower Upper
113 100
111 102.3 81.2 121.8
192 19.2 15.0 22.4

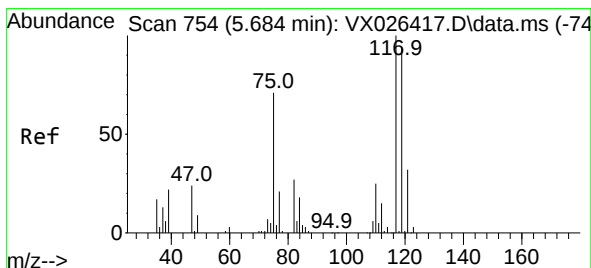
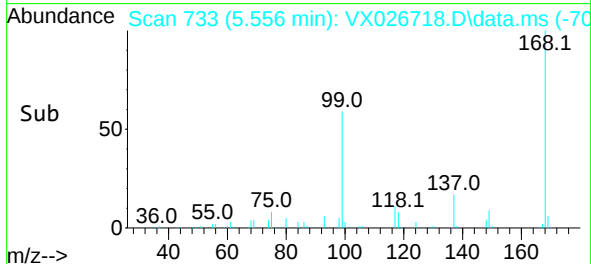
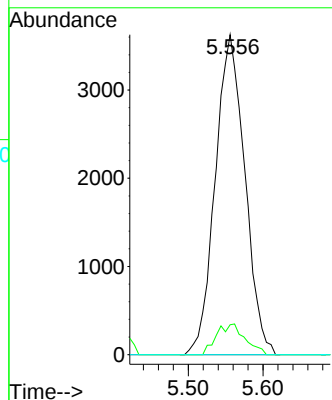
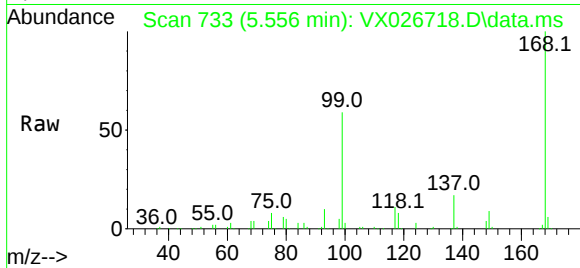




#36
1,1-Dichloropropene
Concen: 4.458 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX026718.D
Acq: 01 Feb 2022 19:34

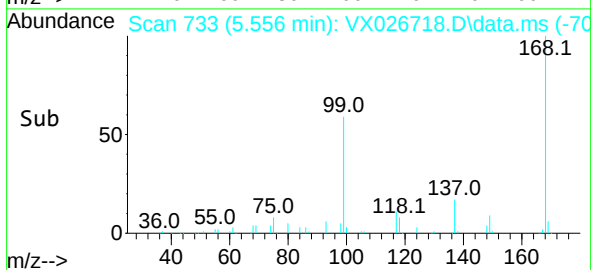
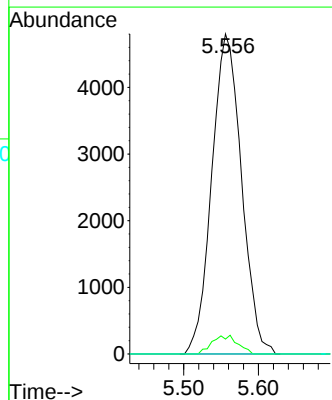
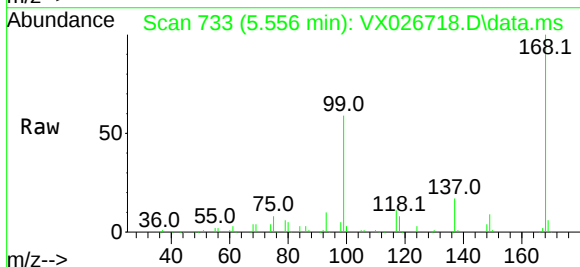
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#11

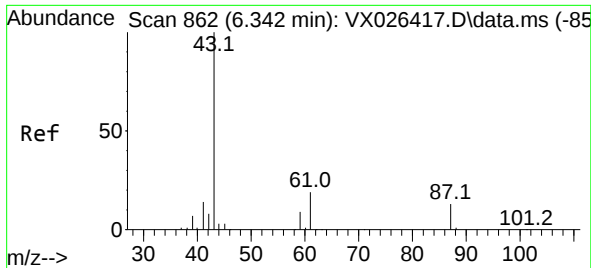
Tgt Ion: 75 Resp: 9990
Ion Ratio Lower Upper
75 100
110 9.3 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.758 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026718.D
Acq: 01 Feb 2022 19:34

Tgt Ion: 117 Resp: 13272
Ion Ratio Lower Upper
117 100
119 4.6 74.7 112.1#
121 0.0 25.4 38.0#

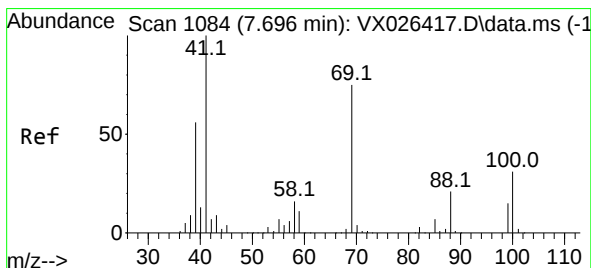
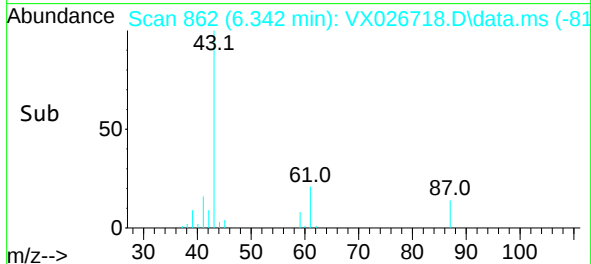
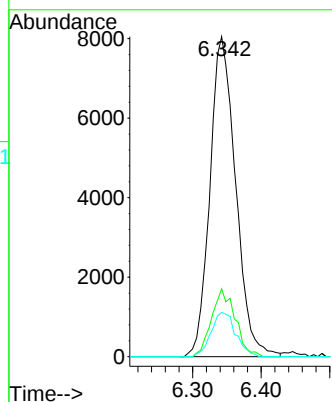
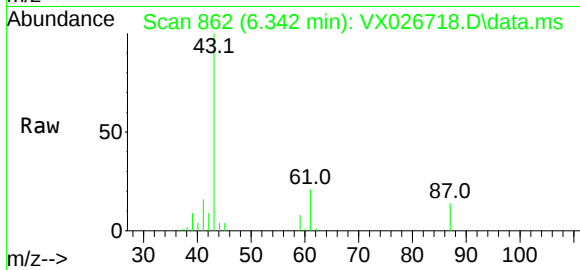




#43
Isopropyl Acetate
Concen: 5.733 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX026718.D
Acq: 01 Feb 2022 19:34

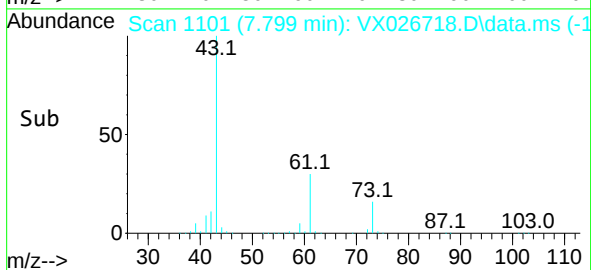
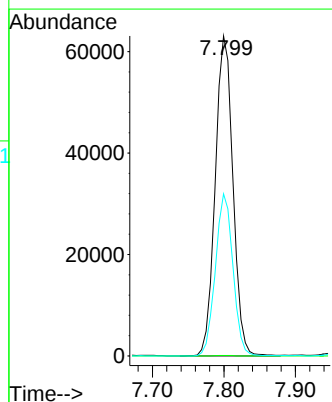
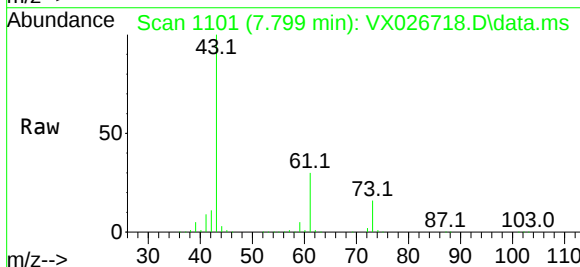
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#11

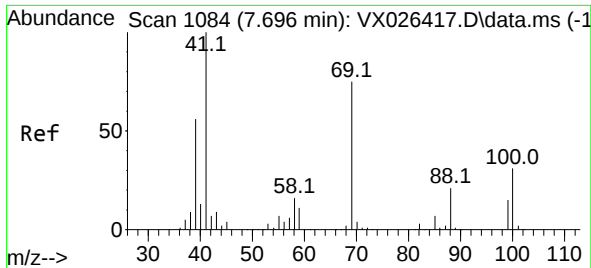
Tgt Ion:	43	Resp:	20993
Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.4	23.0
87	13.3	10.2	15.2



#48
Methyl methacrylate
Concen: 59.821 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX026718.D
Acq: 01 Feb 2022 19:34

Tgt Ion:	41	Resp:	108558
Ion	Ratio	Lower	Upper
41	100		
69	0.2	62.2	93.4#
39	50.3	45.4	68.0

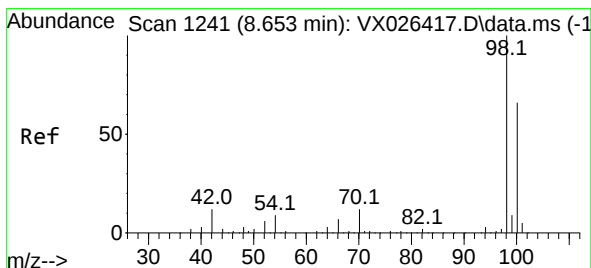
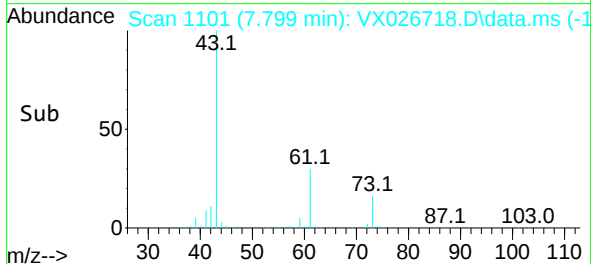
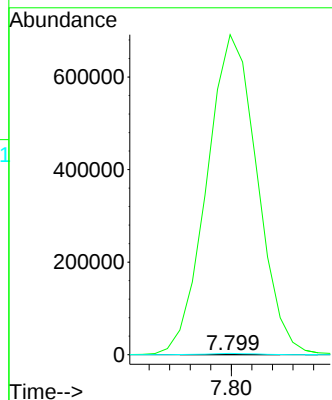
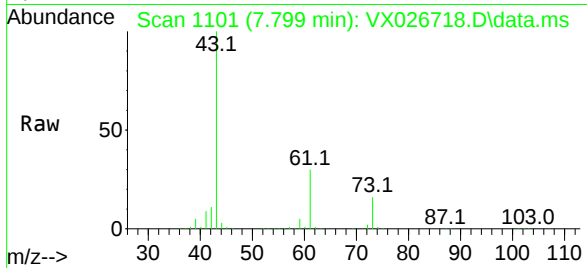




#49
1,4-Dioxane
Concen: 5.776 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX026718.D
Acq: 01 Feb 2022 19:34

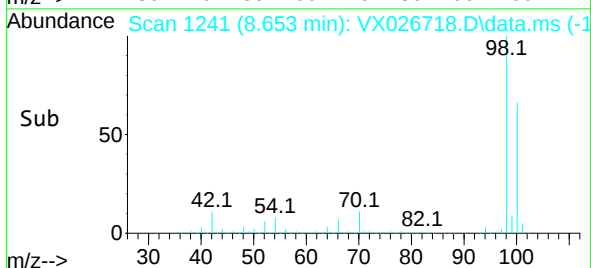
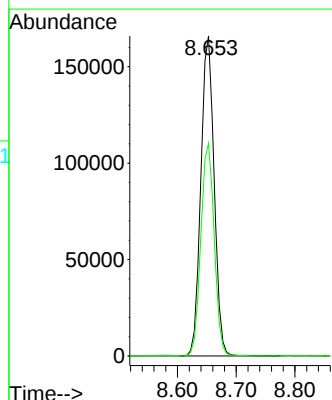
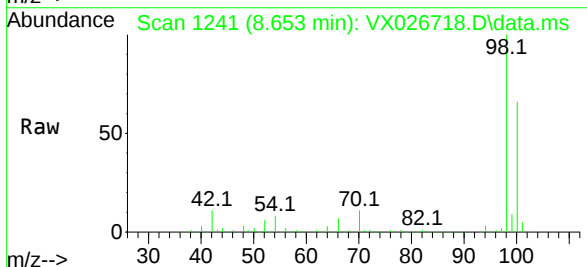
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#11

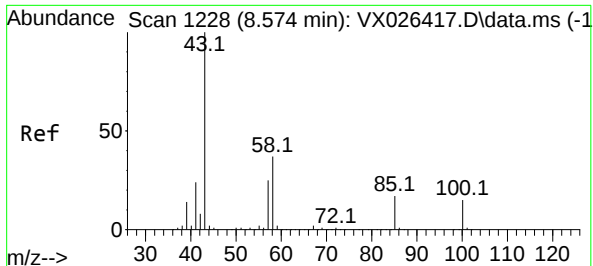
Tgt Ion: 88 Resp: 172
Ion Ratio Lower Upper
88 100
43 687225.0 29.9 44.9#
58 2591.9 57.8 86.6#



#50
Toluene-d8
Concen: 50.759 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026718.D
Acq: 01 Feb 2022 19:34

Tgt Ion: 98 Resp: 259656
Ion Ratio Lower Upper
98 100
100 67.1 53.2 79.8

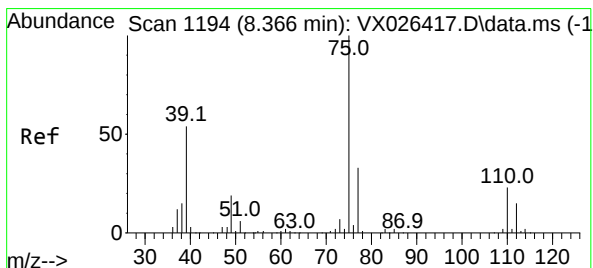
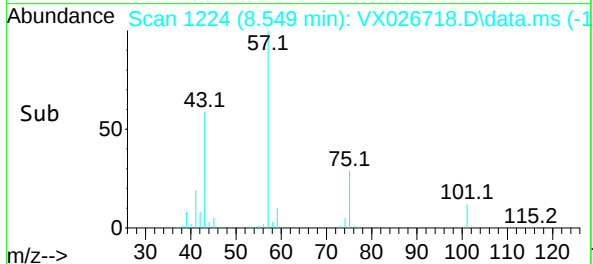
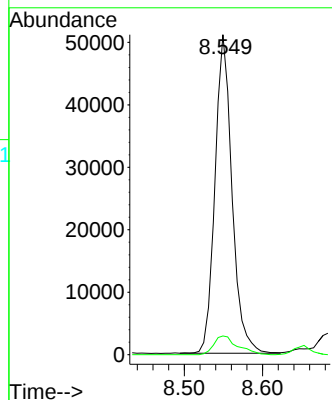
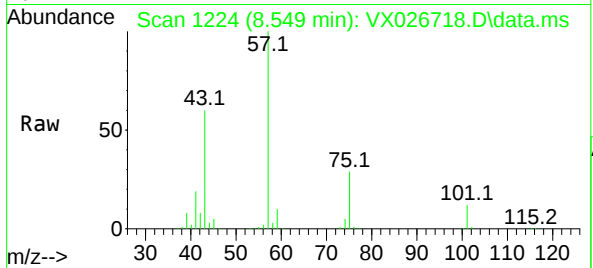




#51
4-Methyl-2-Pentanone
Concen: 35.526 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026718.D
Acq: 01 Feb 2022 19:34

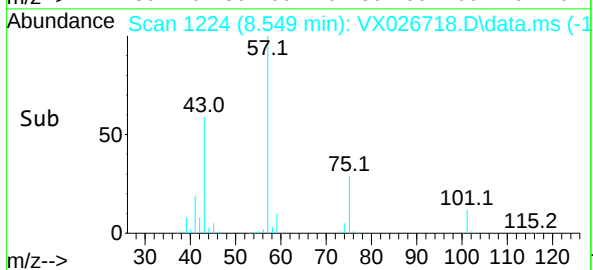
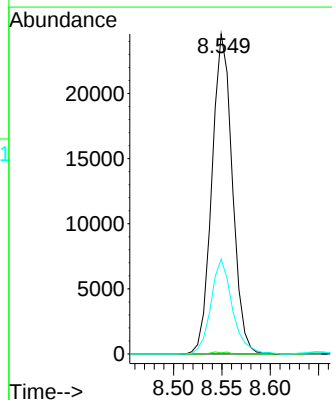
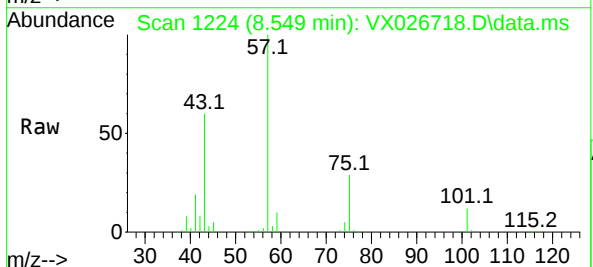
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#11

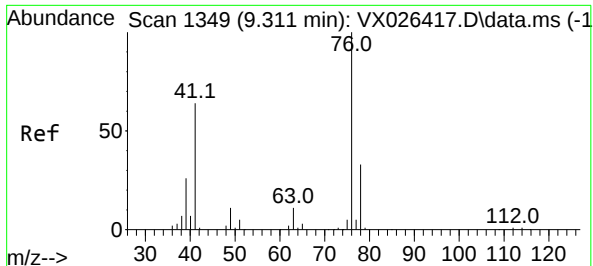
Tgt Ion: 43 Resp: 77162
Ion Ratio Lower Upper
43 100
58 8.1 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 15.245 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026718.D
Acq: 01 Feb 2022 19:34

Tgt Ion: 75 Resp: 36058
Ion Ratio Lower Upper
75 100
77 0.3 26.2 39.2#
39 29.6 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 8.299 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.177 min

Lab File: VX026718.D

Acq: 01 Feb 2022 19:34

Instrument :

MSVOA_X

ClientSampleId :

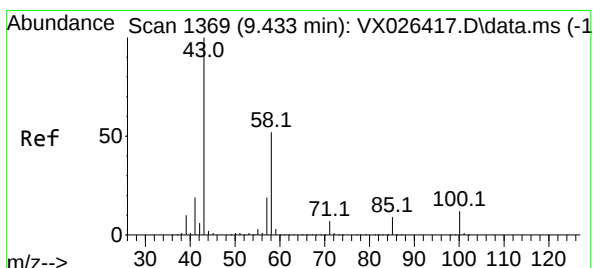
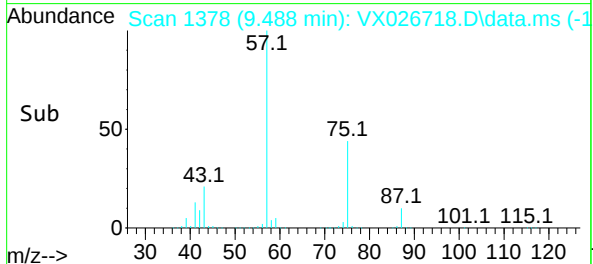
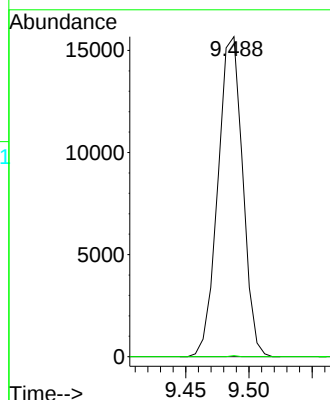
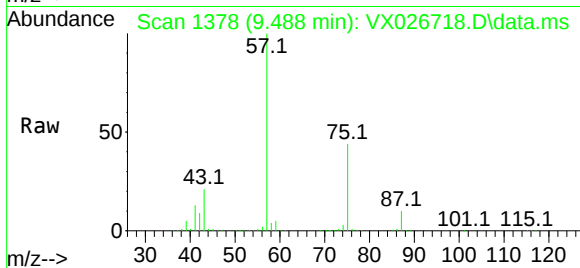
PB142403ZHE#11

Tgt Ion: 76 Resp: 21328

Ion Ratio Lower Upper

76 100

78 0.1 25.7 38.5#



#59

2-Hexanone

Concen: 179.070 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.055 min

Lab File: VX026718.D

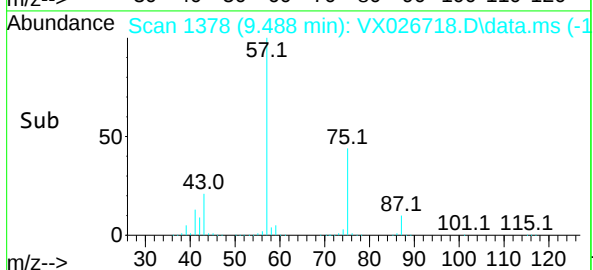
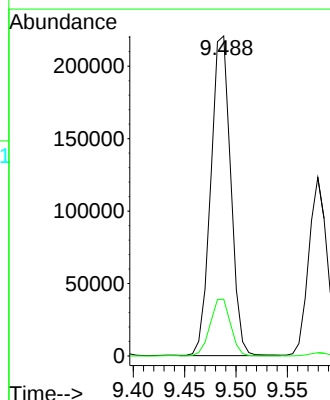
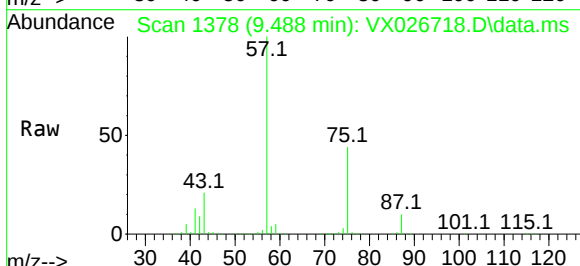
Acq: 01 Feb 2022 19:34

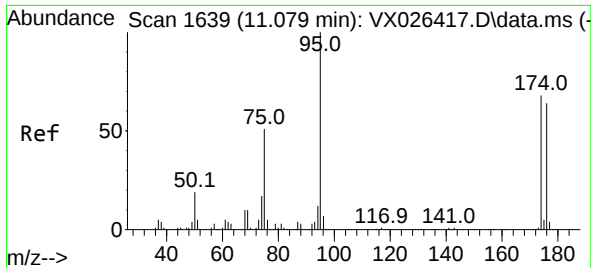
Tgt Ion: 43 Resp: 297678

Ion Ratio Lower Upper

43 100

58 18.3 26.4 79.2#

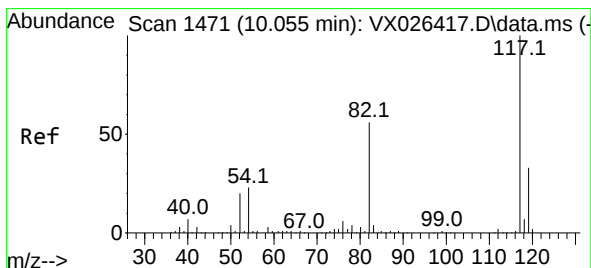
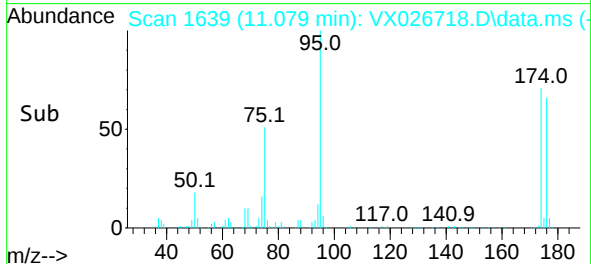
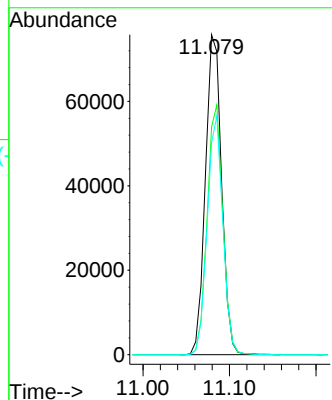
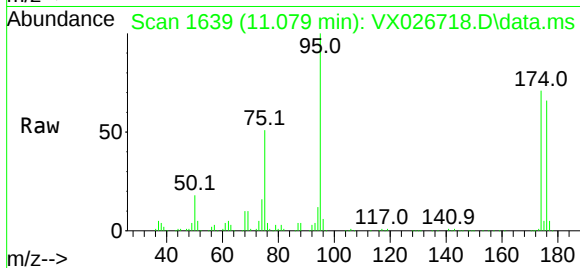




#62
4-Bromofluorobenzene
Concen: 54.161 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026718.D
Acq: 01 Feb 2022 19:34

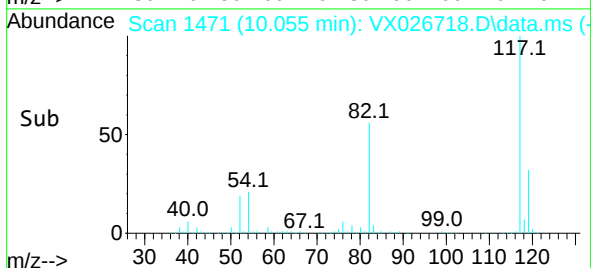
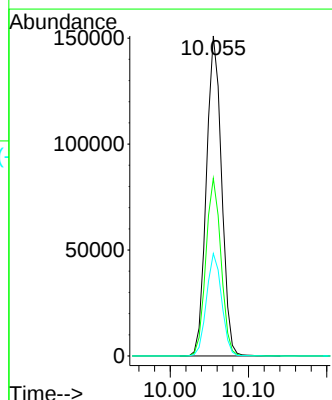
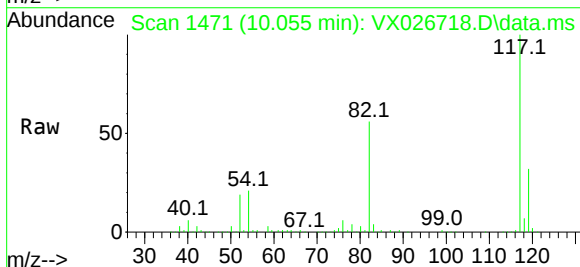
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#11

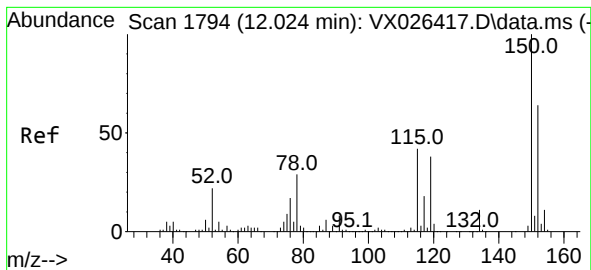
Tgt Ion: 95 Resp: 98422
Ion Ratio Lower Upper
95 100
174 76.1 0.0 148.6
176 72.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026718.D
Acq: 01 Feb 2022 19:34

Tgt Ion: 117 Resp: 203124
Ion Ratio Lower Upper
117 100
82 55.5 45.2 67.8
119 32.0 26.2 39.2

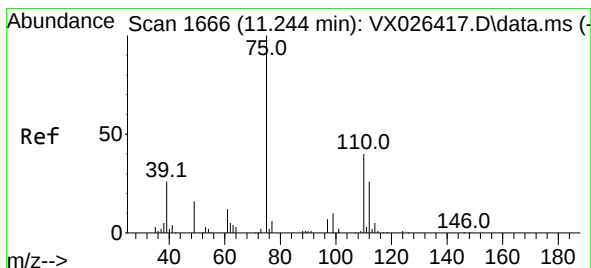
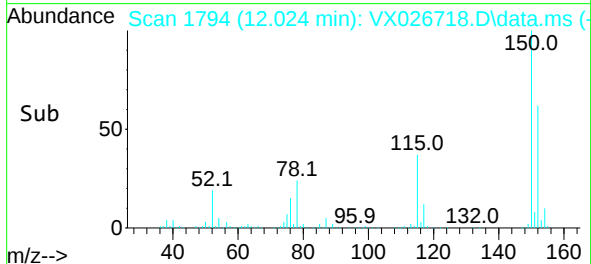
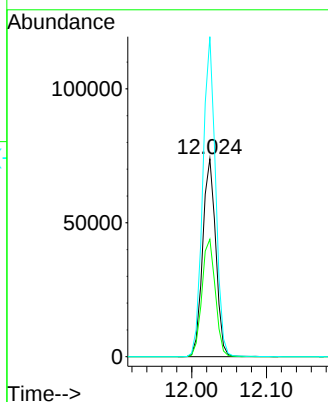
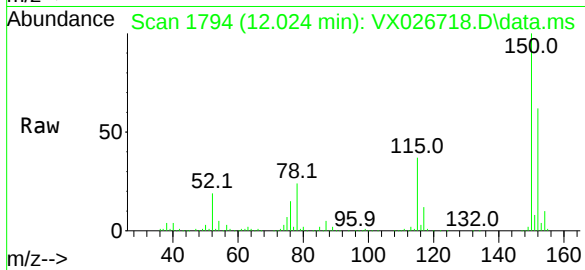




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026718.D
 Acq: 01 Feb 2022 19:34

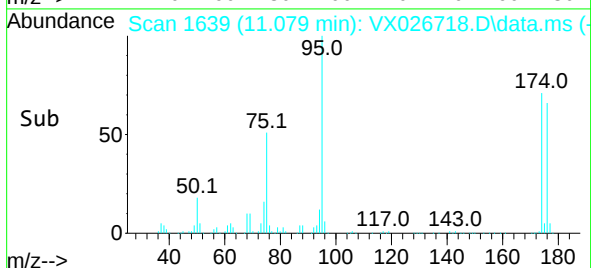
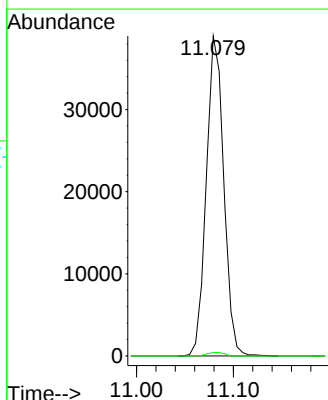
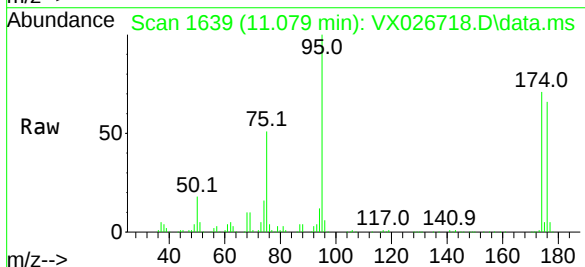
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142403ZHE#11

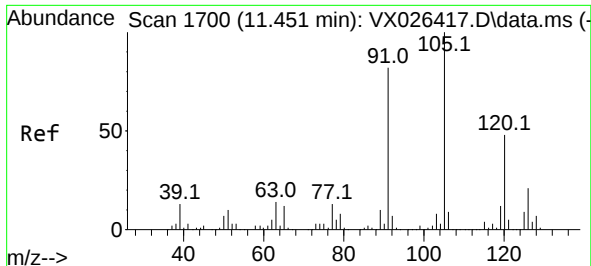
Tgt Ion:152 Resp: 90006
 Ion Ratio Lower Upper
 152 100
 115 60.8 44.2 132.6
 150 157.2 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 24.689 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX026718.D
 Acq: 01 Feb 2022 19:34

Tgt Ion: 75 Resp: 48927
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.3 54.8#

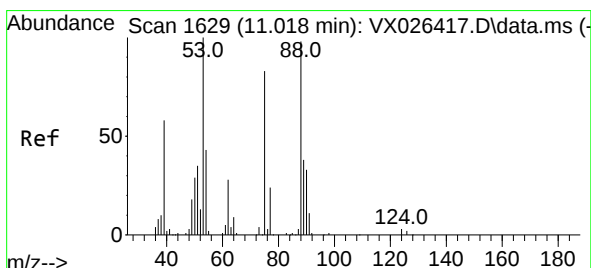
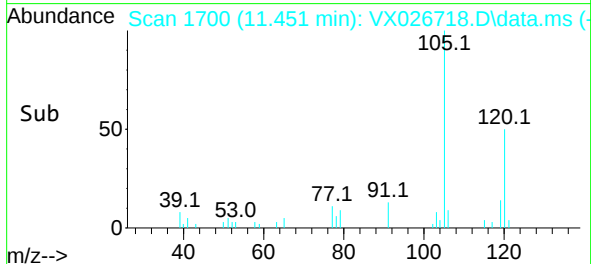
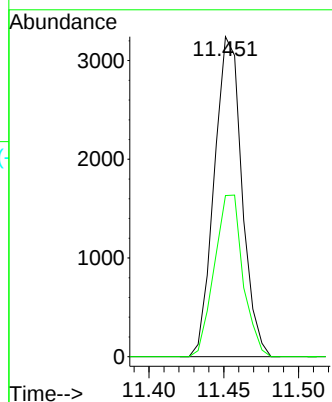
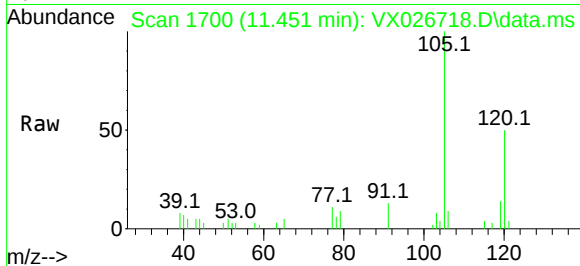




#80
 1,3,5-Trimethylbenzene
 Concen: 0.686 ug/l
 RT: 11.451 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026718.D
 Acq: 01 Feb 2022 19:34

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142403ZHE#11

Tgt Ion:105 Resp: 4171
 Ion Ratio Lower Upper
 105 100
 120 52.1 24.0 72.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.107 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX026718.D
 Acq: 01 Feb 2022 19:34

Tgt Ion: 75 Resp: 48927
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

