

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013122\
 Data File : VX026685.D
 Acq On : 31 Jan 2022 17:03
 Operator : JC/MD
 Sample : PB142369ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

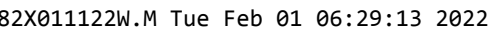
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142369ZHE#08

Quant Time: Feb 01 06:29:04 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	5.556	168	134342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	225483	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85945	45.797	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.600%
35) Dibromofluoromethane	5.391	113	70572	48.466	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.940%
50) Toluene-d8	8.653	98	269051	51.276	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.560%
62) 4-Bromofluorobenzene	11.079	95	96803	51.933	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.860%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	22	4.458	ug/l #	37
16) Acetone	2.386	43	11360	11.870	ug/l	97
18) Methyl Acetate	2.709	43	977	0.514	ug/l #	59
20) Methylene Chloride	2.788	84	1288	0.815	ug/l	92
25) 2-Butanone	4.587	43	2533	2.035	ug/l #	88
29) Tetrahydrofuran	5.038	42	216	0.292	ug/l #	34
31) Cyclohexane	5.556	56	2585	0.934	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10183	4.430	ug/l #	50
38) Carbon Tetrachloride	5.562	117	13677	5.784	ug/l #	16
43) Isopropyl Acetate	6.342	43	12216	3.252	ug/l	98
48) Methyl methacrylate	7.604	41	3644	1.958	ug/l #	16
49) 1,4-Dioxane	7.793	88	98	3.208	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	45590	20.463	ug/l #	52
54) cis-1,3-Dichloropropene	8.549	75	21063	8.682	ug/l #	57
56) Ethyl methacrylate	9.342	69	474	0.203	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	12187	4.623	ug/l #	43
59) 2-Hexanone	9.482	43	171022	100.297	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	47789	25.115	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	2119	0.363	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	47789	76.317	ug/l #	3

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

Quant Time: Feb 01 06:29:04 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

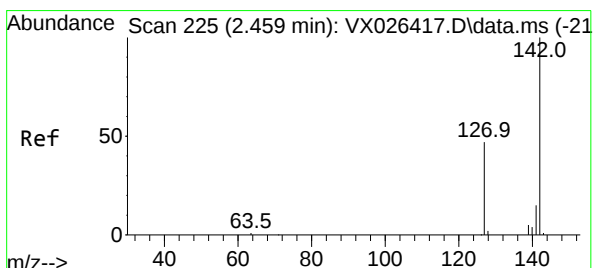
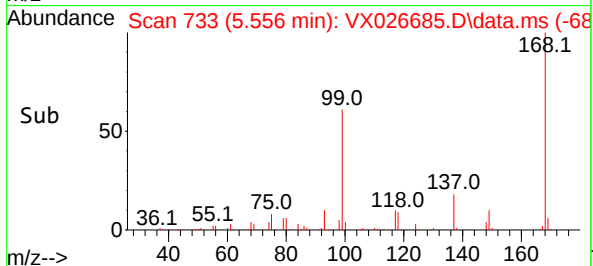
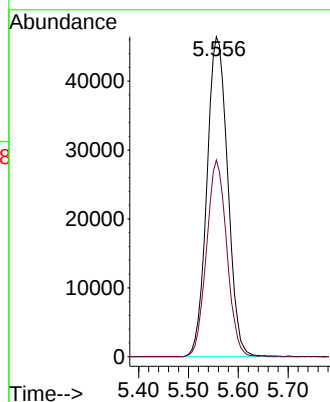
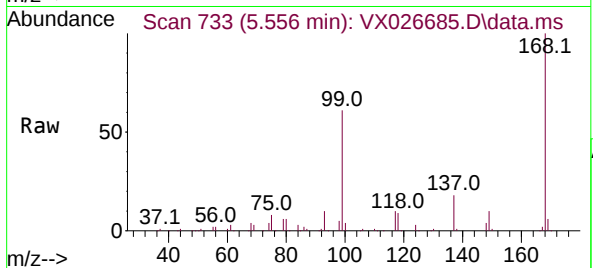




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026685.D
Acq: 31 Jan 2022 17:03

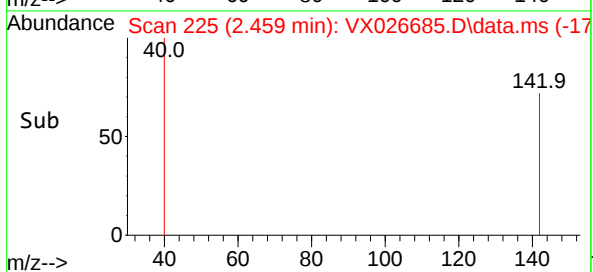
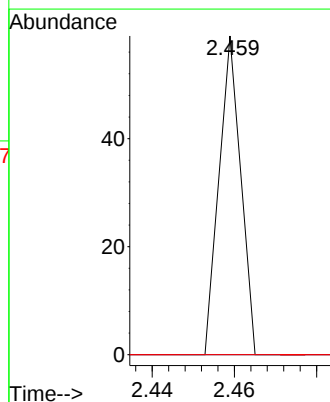
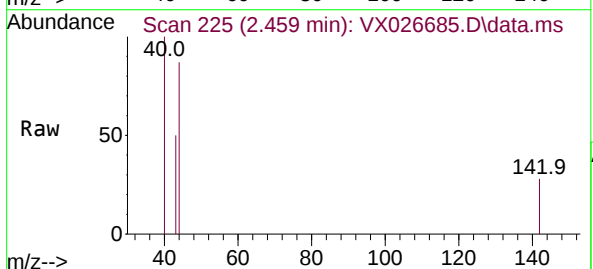
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#08

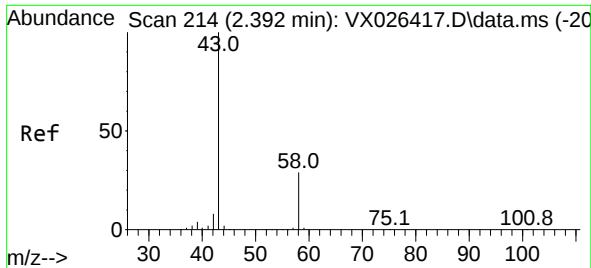
Tgt Ion:168 Resp: 134342
Ion Ratio Lower Upper
168 100
99 61.5 50.3 75.5



#10
Methyl Iodide
Concen: 4.458 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX026685.D
Acq: 31 Jan 2022 17:03

Tgt Ion:142 Resp: 22
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#

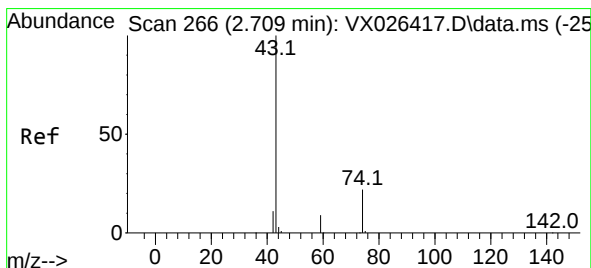
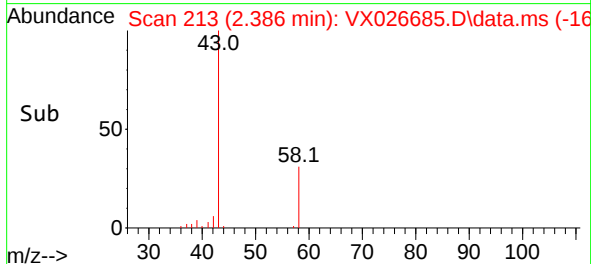
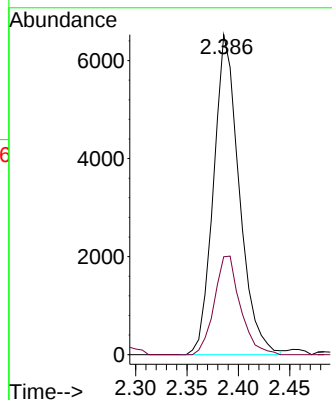
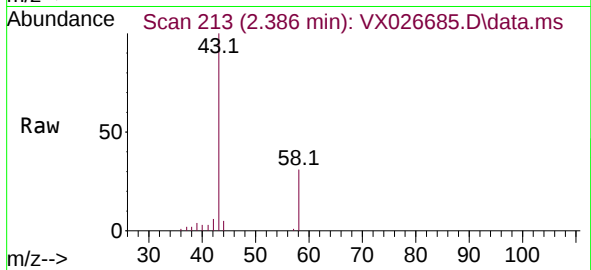




#16
Acetone
Concen: 11.870 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026685.D
Acq: 31 Jan 2022 17:03

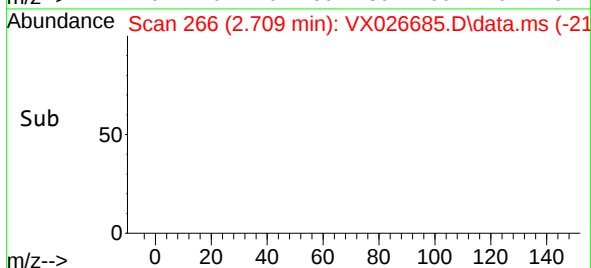
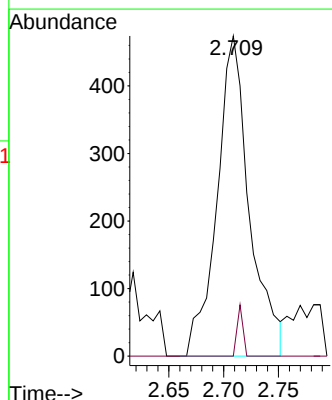
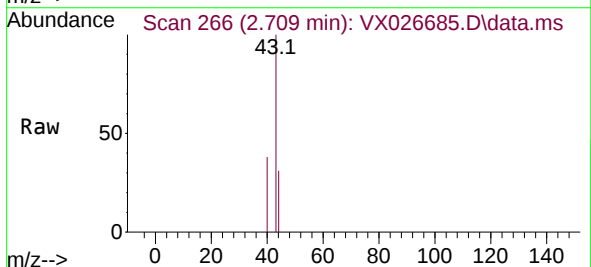
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#08

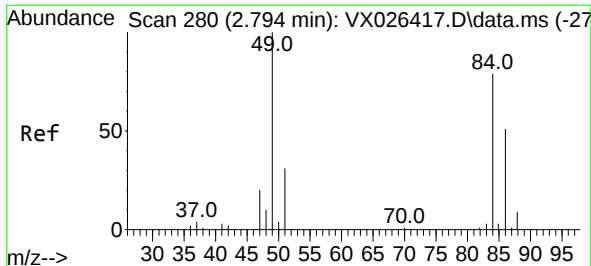
Tgt Ion: 43 Resp: 11360
Ion Ratio Lower Upper
43 100
58 30.6 23.0 34.6



#18
Methyl Acetate
Concen: 0.514 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX026685.D
Acq: 31 Jan 2022 17:03

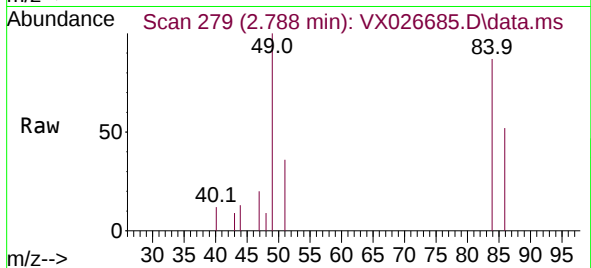
Tgt Ion: 43 Resp: 977
Ion Ratio Lower Upper
43 100
74 2.9 18.3 27.5#



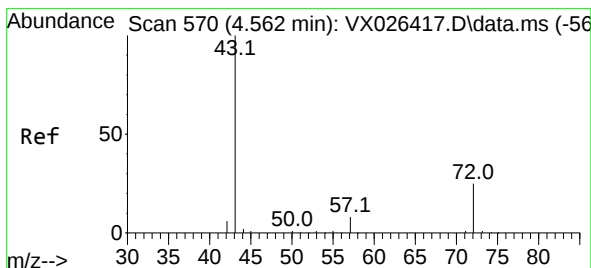
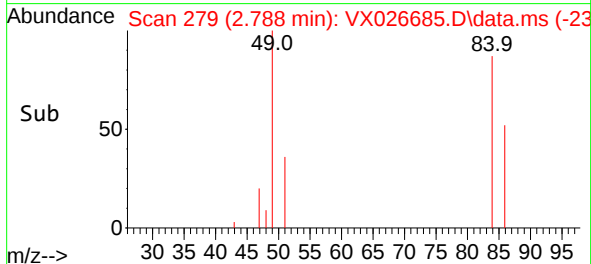
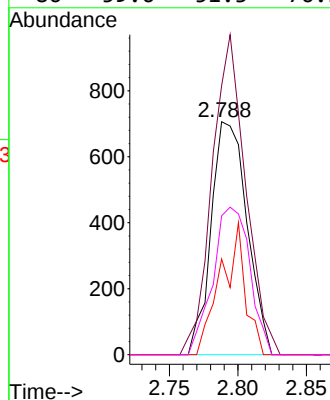


#20
Methylene Chloride
Concen: 0.815 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX026685.D
Acq: 31 Jan 2022 17:03

Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#08

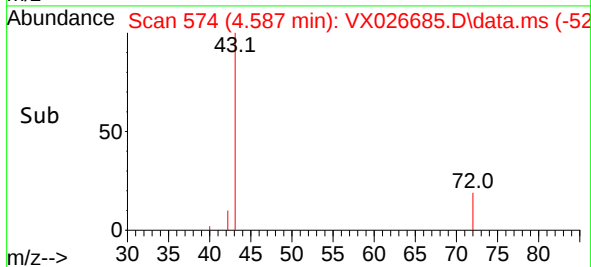
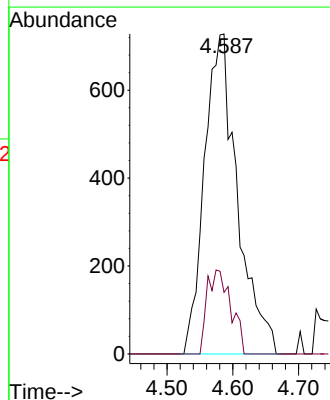
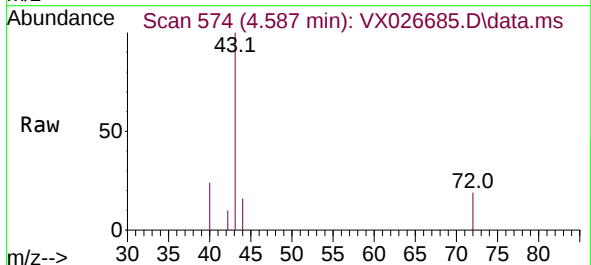


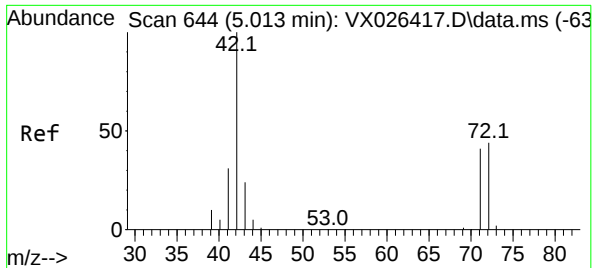
Tgt Ion:	84	Resp:	1288
Ion	Ratio	Lower	Upper
84	100		
49	115.6	101.5	152.3
51	41.1	31.2	46.8
86	59.6	51.3	76.9



#25
2-Butanone
Concen: 2.035 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.024 min
Lab File: VX026685.D
Acq: 31 Jan 2022 17:03

Tgt Ion:	43	Resp:	2533
Ion	Ratio	Lower	Upper
43	100		
72	19.2	20.4	30.6#





#29

Tetrahydrofuran

Concen: 0.292 ug/l

RT: 5.038 min Scan# 64

Delta R.T. 0.025 min

Lab File: VX026685.D

Acq: 31 Jan 2022 17:03

Instrument :

MSVOA_X

ClientSampleId :

PB142369ZHE#08

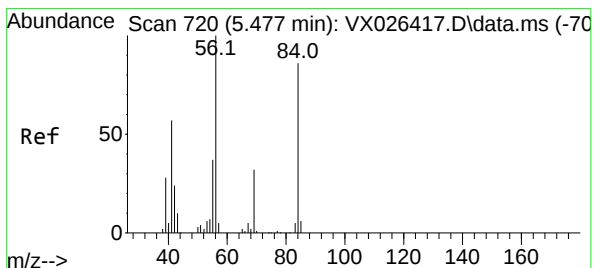
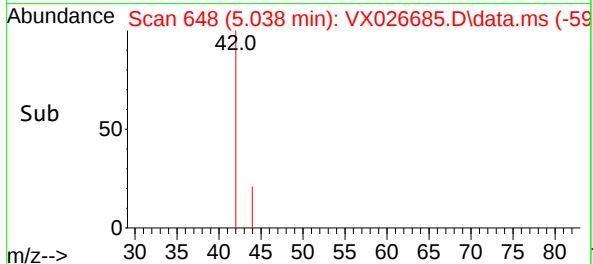
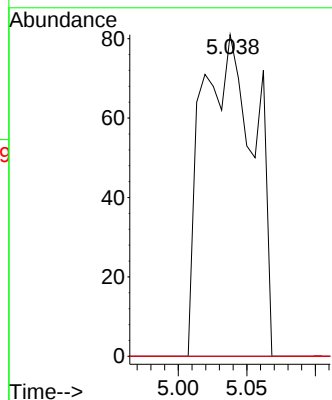
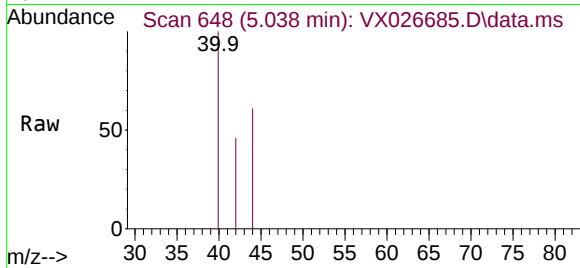
Tgt Ion: 42 Resp: 216

Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

71 0.0 31.8 47.8#



#31

Cyclohexane

Concen: 0.934 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX026685.D

Acq: 31 Jan 2022 17:03

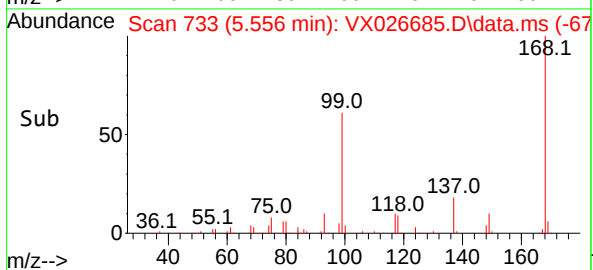
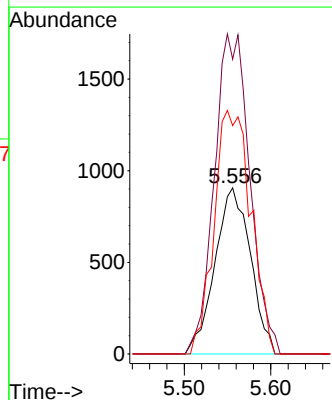
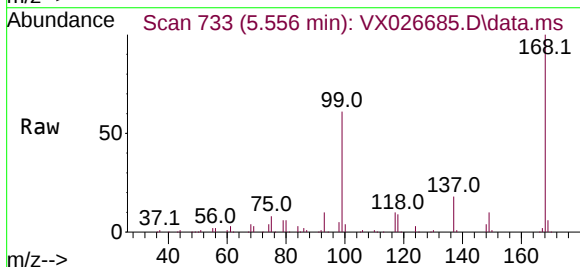
Tgt Ion: 56 Resp: 2585

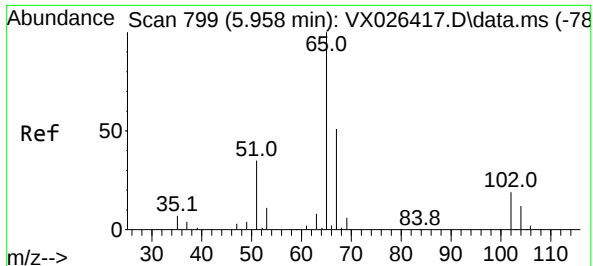
Ion Ratio Lower Upper

56 100

69 177.5 25.8 38.6#

84 146.0 68.9 103.3#

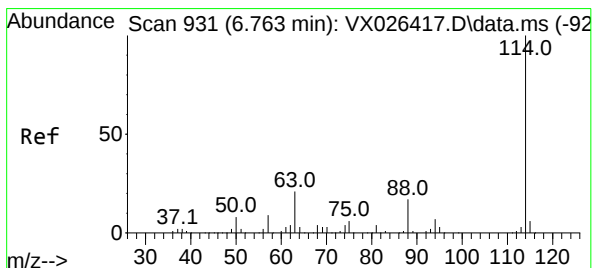
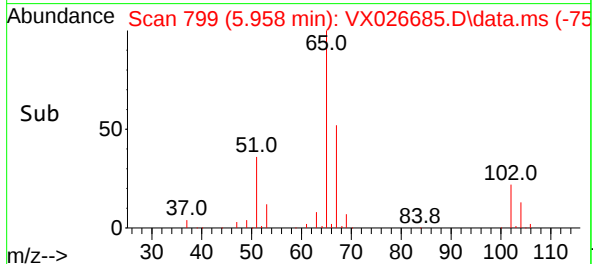
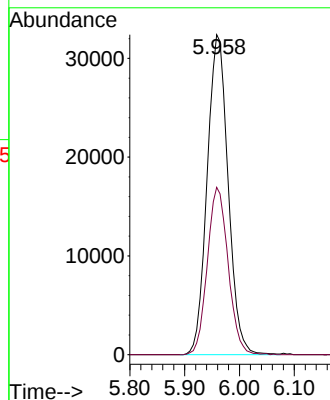
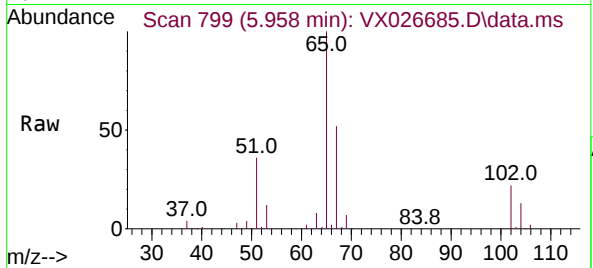




#33
 1,2-Dichloroethane-d4
 Concen: 45.797 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX026685.D
 Acq: 31 Jan 2022 17:03

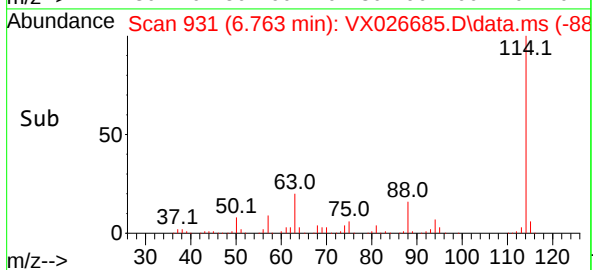
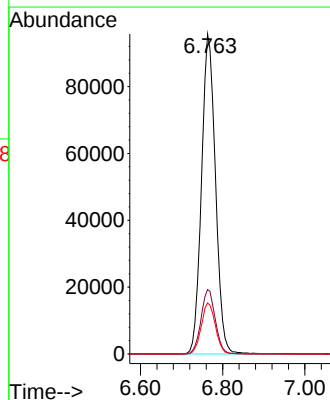
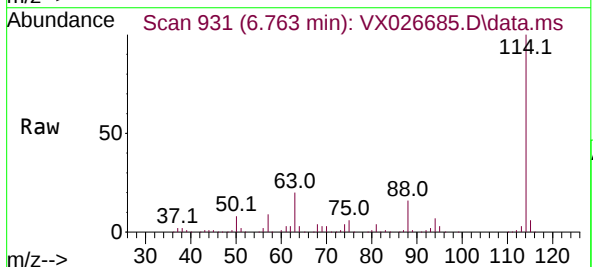
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142369ZHE#08

Tgt Ion: 65 Resp: 85945
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX026685.D
 Acq: 31 Jan 2022 17:03

Tgt Ion: 114 Resp: 225483
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.8
 88 16.0 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.466 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026685.D

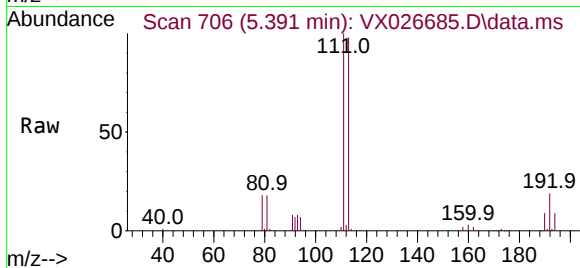
Acq: 31 Jan 2022 17:03

Instrument :

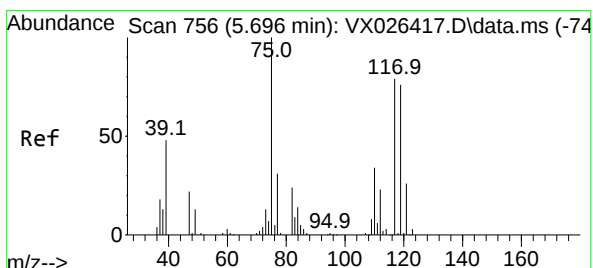
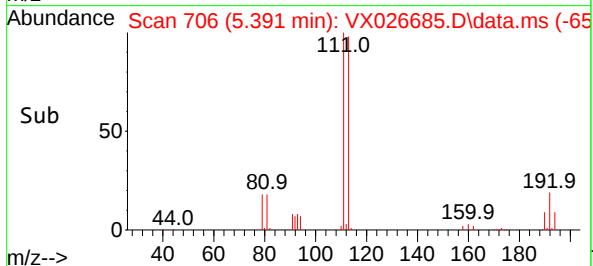
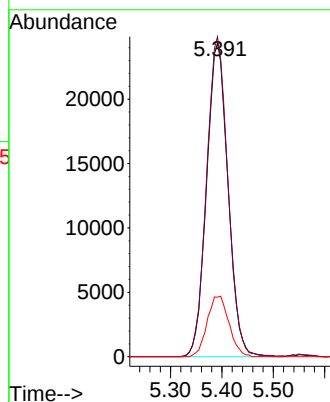
MSVOA_X

ClientSampleId :

PB142369ZHE#08



Tgt Ion:	113	Resp:	70572
Ion Ratio	Lower	Upper	
113	100		
111	101.7	81.2	121.8
192	19.6	15.0	22.4



#36

1,1-Dichloropropene

Concen: 4.430 ug/l

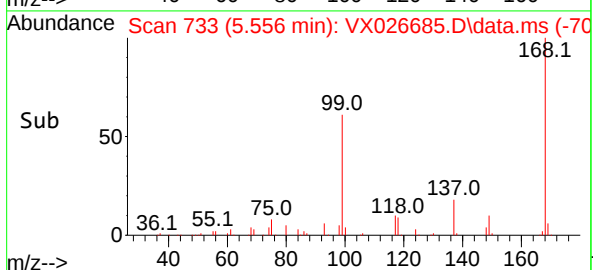
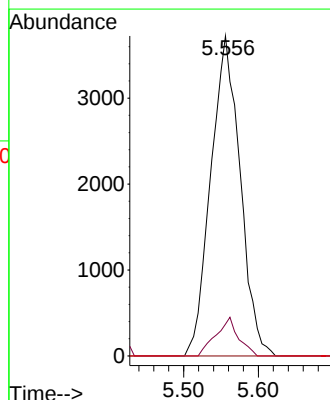
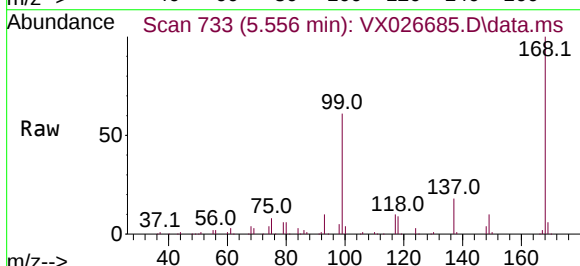
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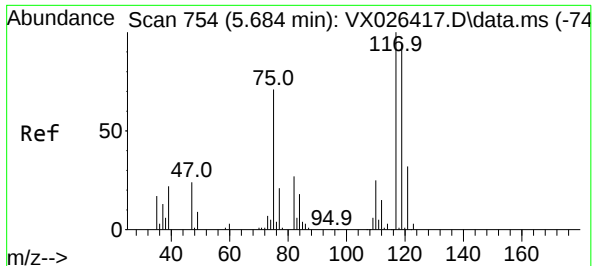
Delta R.T. -0.140 min

Lab File: VX026685.D

Acq: 31 Jan 2022 17:03

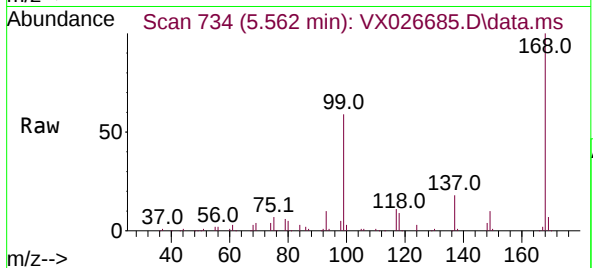
Tgt Ion:	75	Resp:	10183
Ion Ratio	Lower	Upper	
75	100		
110	9.2	17.2	51.6#
77	0.0	24.6	36.8#



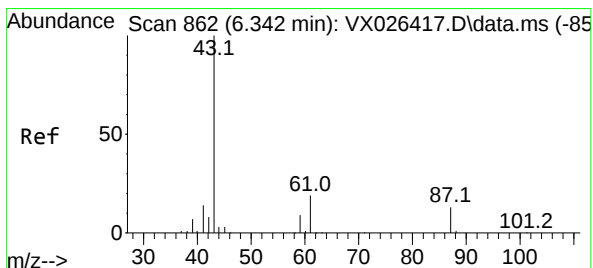
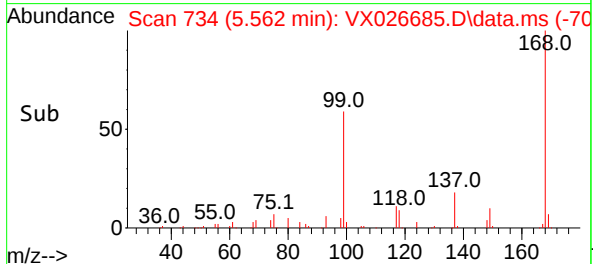
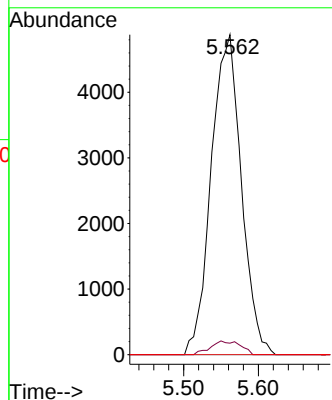


#38
Carbon Tetrachloride
Concen: 5.784 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.122 min
Lab File: VX026685.D
Acq: 31 Jan 2022 17:03

Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#08

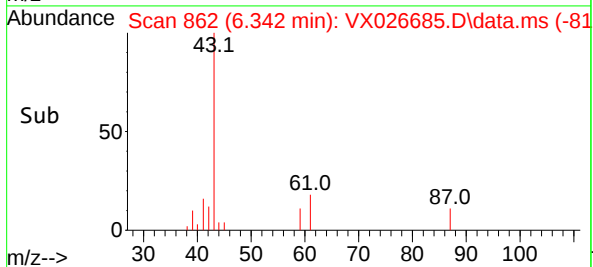
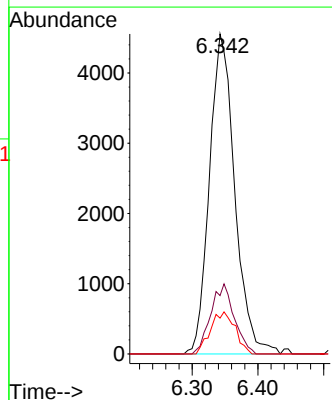
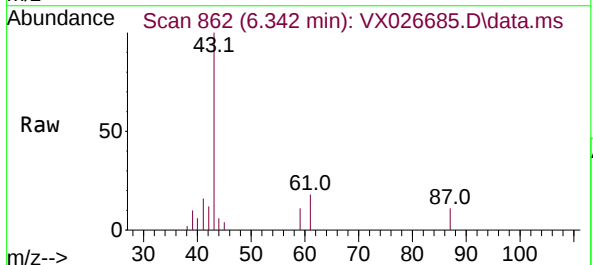


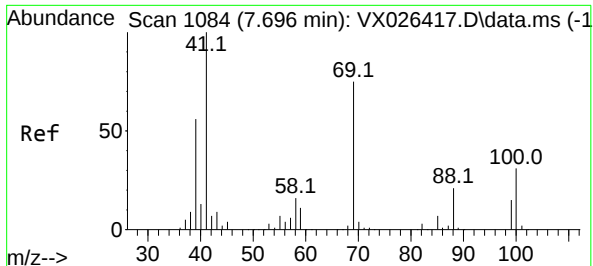
Tgt Ion:117 Resp: 13677
Ion Ratio Lower Upper
117 100
119 3.6 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 3.252 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX026685.D
Acq: 31 Jan 2022 17:03

Tgt Ion: 43 Resp: 12216
Ion Ratio Lower Upper
43 100
61 20.4 15.4 23.0
87 12.8 10.2 15.2





#48

Methyl methacrylate

Concen: 1.958 ug/l

RT: 7.604 min Scan# 1100

Delta R.T. -0.091 min

Lab File: VX026685.D

Acq: 31 Jan 2022 17:03

Instrument :

MSVOA_X

ClientSampleId :

PB142369ZHE#08

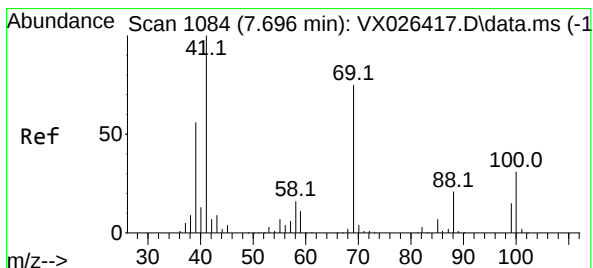
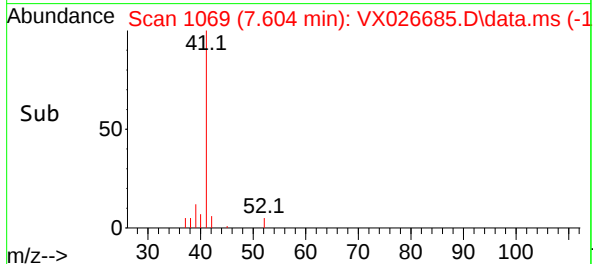
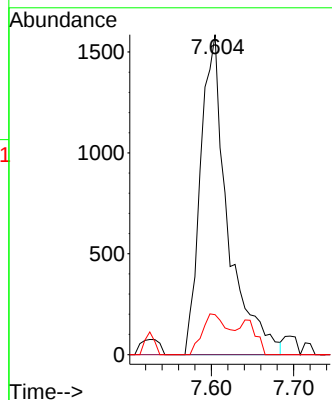
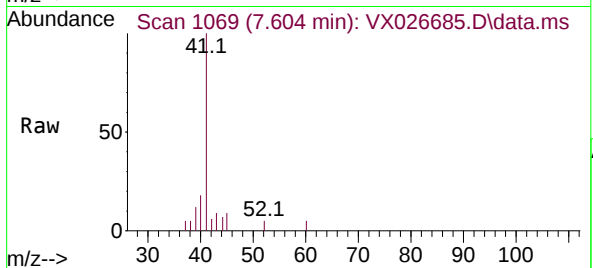
Tgt Ion: 41 Resp: 3644

Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.4#

39 0.0 45.4 68.0#



#49

1,4-Dioxane

Concen: 3.208 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.098 min

Lab File: VX026685.D

Acq: 31 Jan 2022 17:03

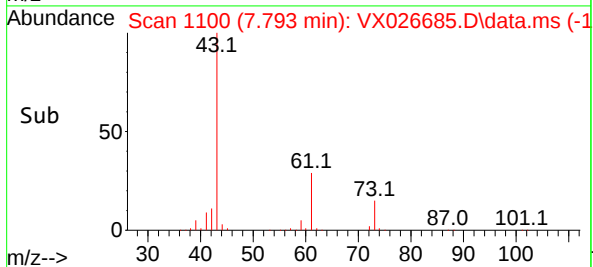
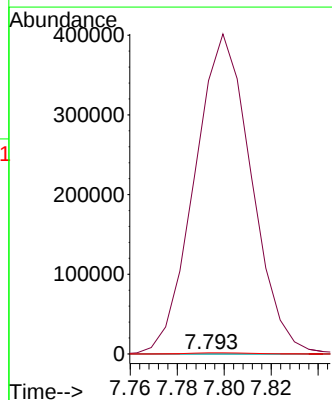
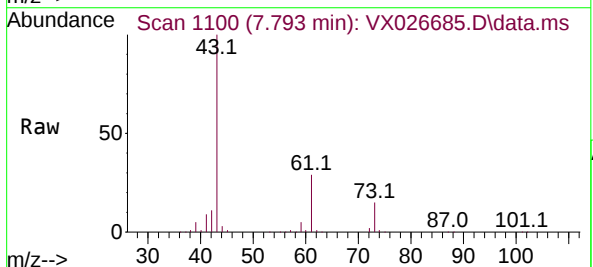
Tgt Ion: 88 Resp: 98

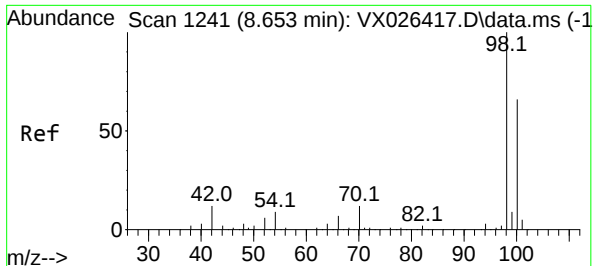
Ion Ratio Lower Upper

88 100

43 695137.8 29.9 44.9#

58 2710.2 57.8 86.6#

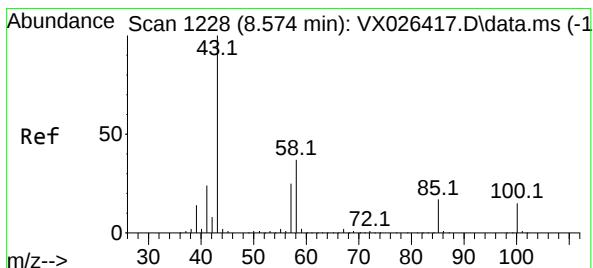
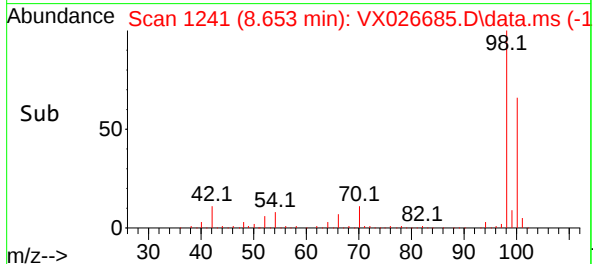
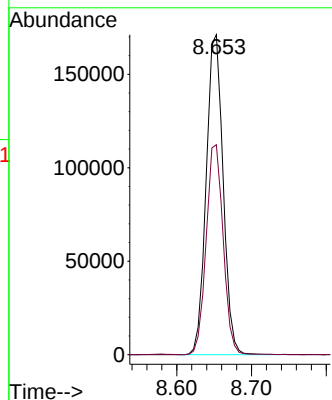
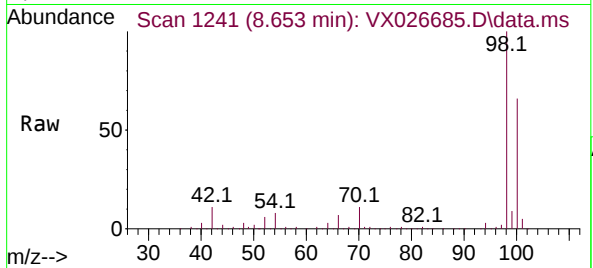




#50
Toluene-d8
Concen: 51.276 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026685.D
Acq: 31 Jan 2022 17:03

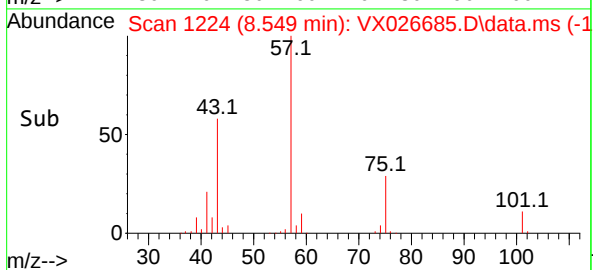
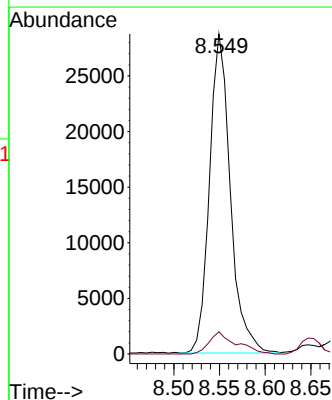
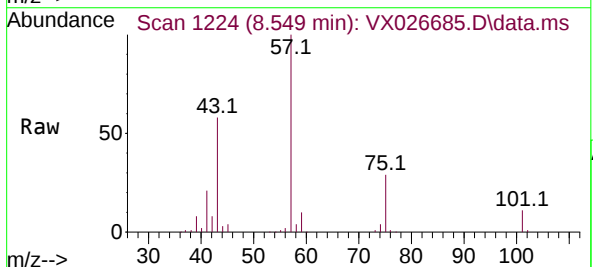
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#08

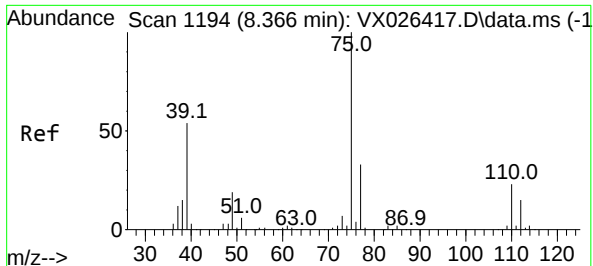
Tgt Ion: 98 Resp: 269051
Ion Ratio Lower Upper
98 100
100 66.1 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 20.463 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX026685.D
Acq: 31 Jan 2022 17:03

Tgt Ion: 43 Resp: 45590
Ion Ratio Lower Upper
43 100
58 8.9 30.5 45.7#

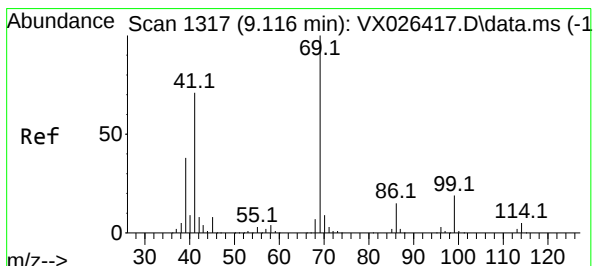
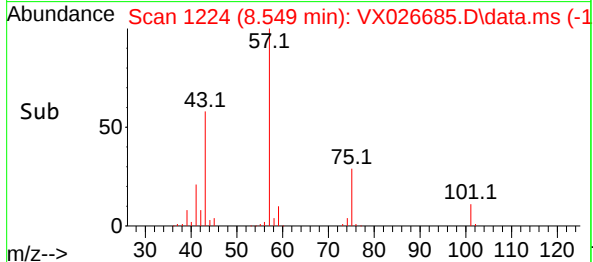
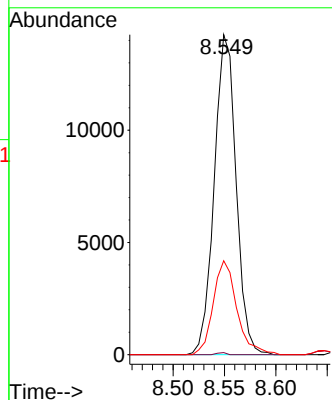
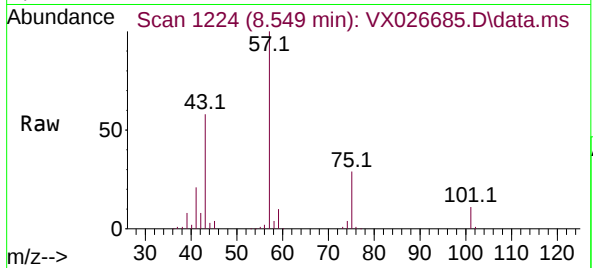




#54
 cis-1,3-Dichloropropene
 Concen: 8.682 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX026685.D
 Acq: 31 Jan 2022 17:03

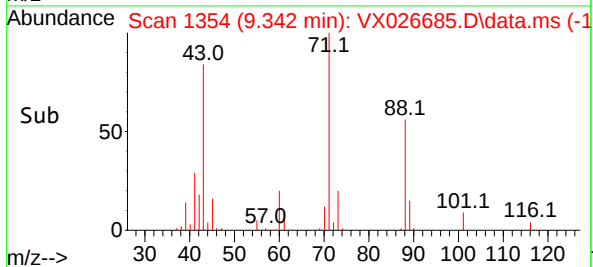
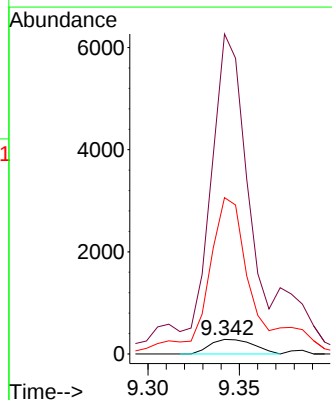
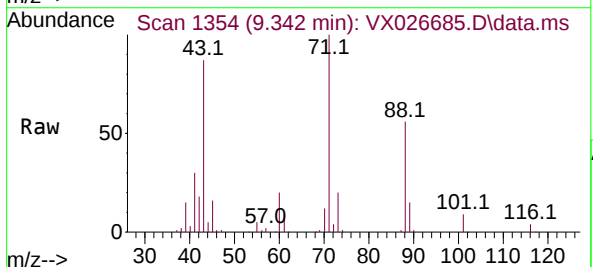
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142369ZHE#08

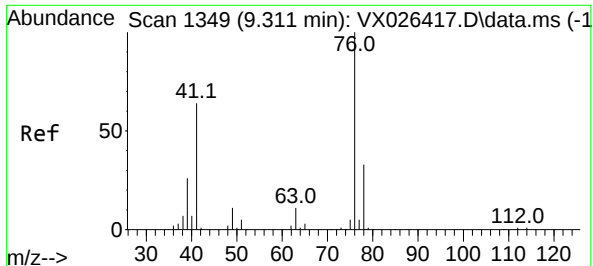
Tgt Ion: 75 Resp: 21063
 Ion Ratio Lower Upper
 75 100
 77 0.6 26.2 39.2#
 39 29.4 43.5 65.3#



#56
 Ethyl methacrylate
 Concen: 0.203 ug/l
 RT: 9.342 min Scan# 1354
 Delta R.T. 0.226 min
 Lab File: VX026685.D
 Acq: 31 Jan 2022 17:03

Tgt Ion: 69 Resp: 474
 Ion Ratio Lower Upper
 69 100
 41 2215.6 57.2 85.8#
 39 1038.4 30.9 46.3#





#57

1,3-Dichloropropane

Concen: 4.623 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026685.D

Acq: 31 Jan 2022 17:03

Instrument :

MSVOA_X

ClientSampleId :

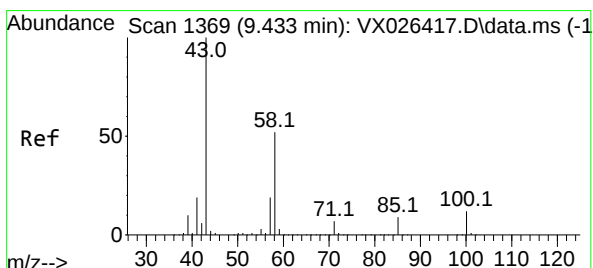
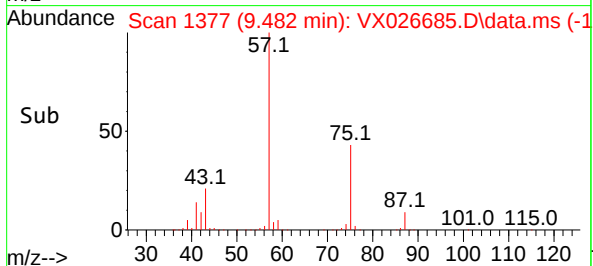
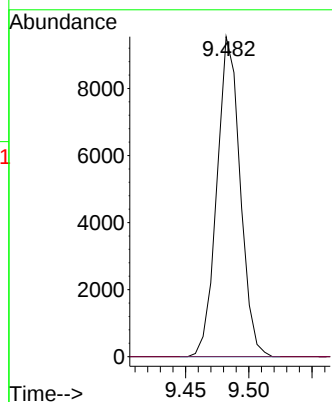
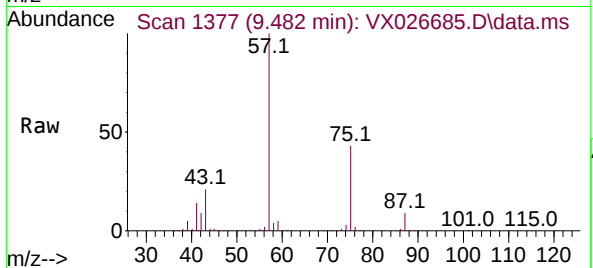
PB142369ZHE#08

Tgt Ion: 76 Resp: 12187

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 100.297 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX026685.D

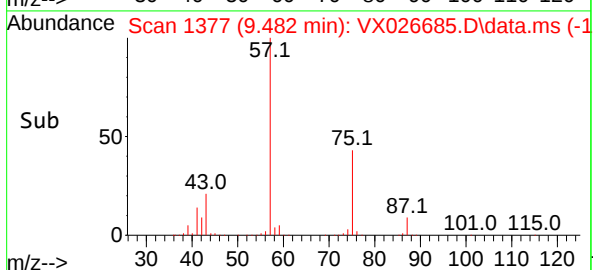
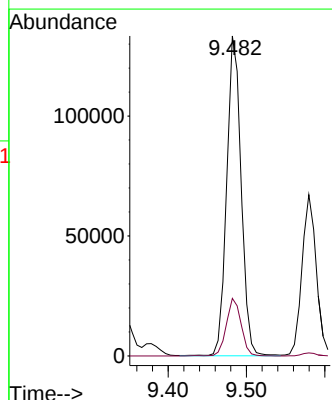
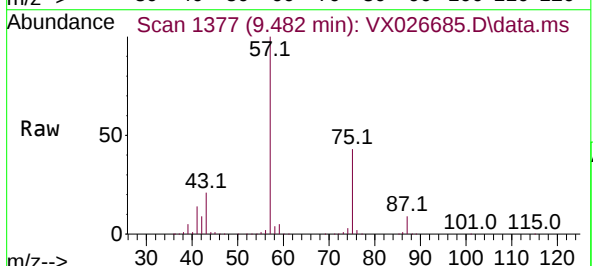
Acq: 31 Jan 2022 17:03

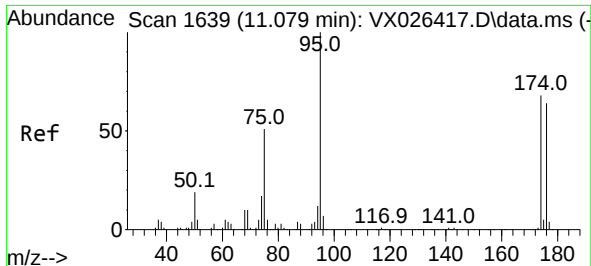
Tgt Ion: 43 Resp: 171022

Ion Ratio Lower Upper

43 100

58 18.5 26.4 79.2#

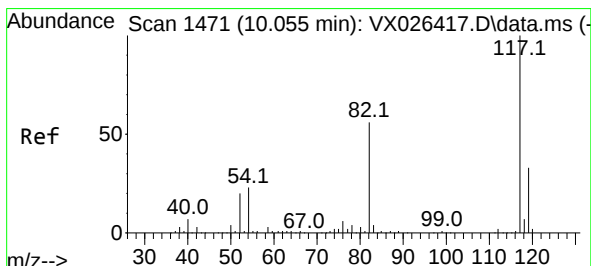
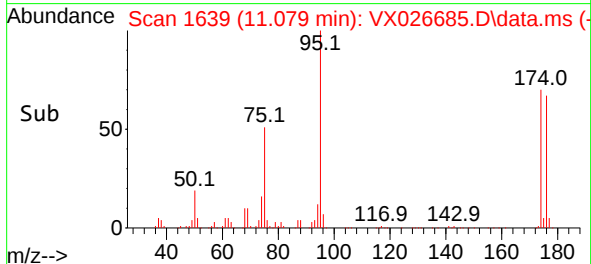
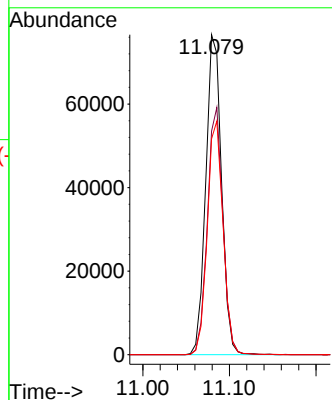
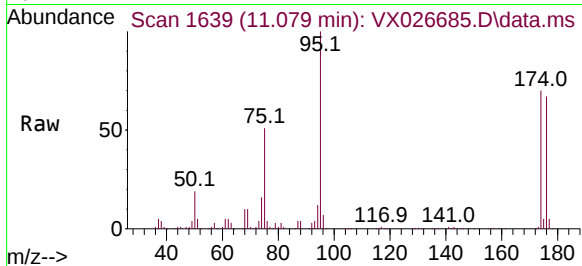




#62
4-Bromofluorobenzene
Concen: 51.933 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026685.D
Acq: 31 Jan 2022 17:03

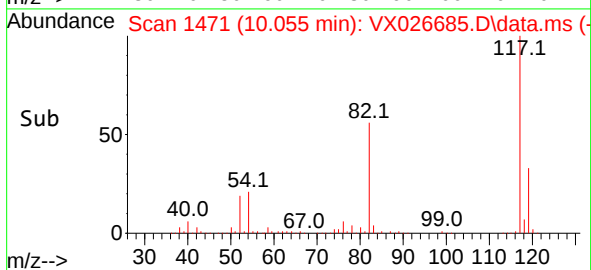
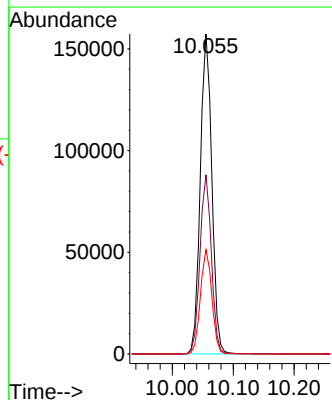
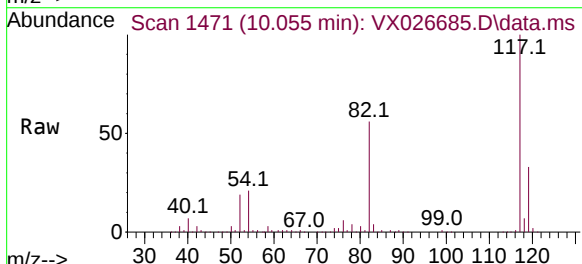
Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#08

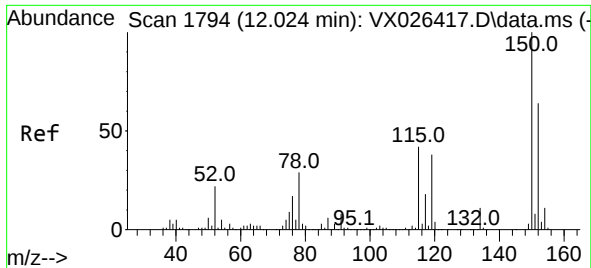
Tgt Ion: 95 Resp: 96803
Ion Ratio Lower Upper
95 100
174 76.2 0.0 148.6
176 73.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026685.D
Acq: 31 Jan 2022 17:03

Tgt Ion: 117 Resp: 206395
Ion Ratio Lower Upper
117 100
82 56.0 45.2 67.8
119 32.6 26.2 39.2

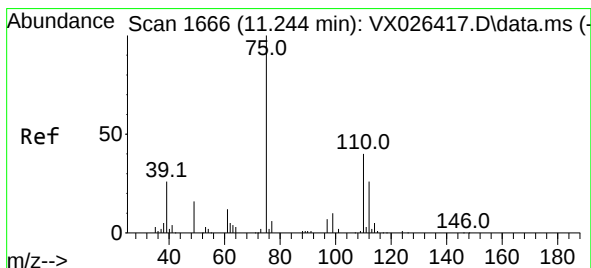
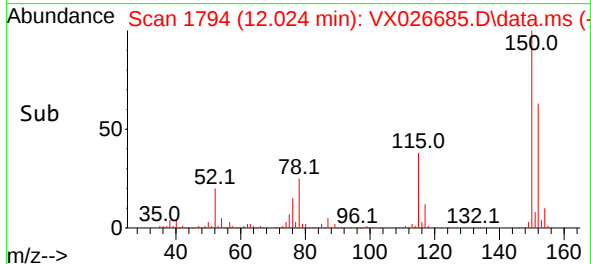
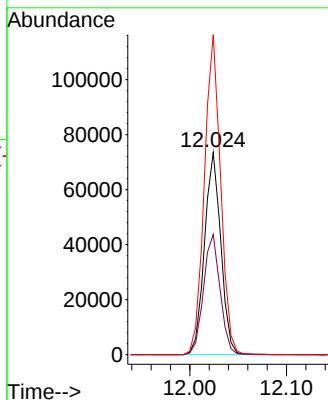
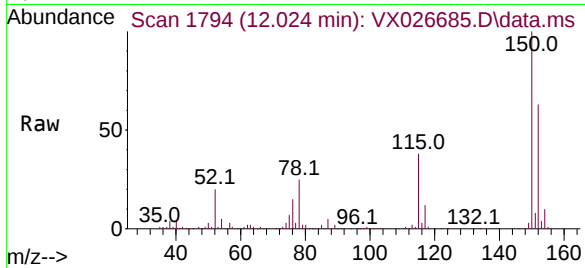




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX026685.D
 Acq: 31 Jan 2022 17:03

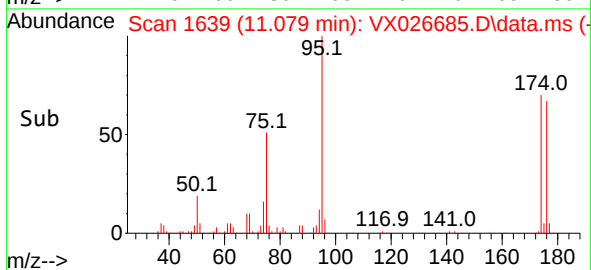
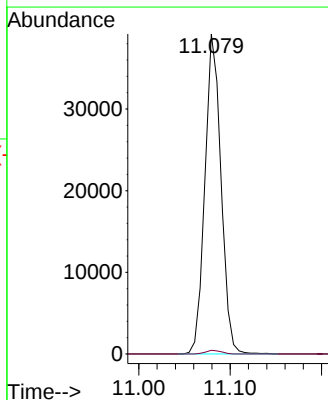
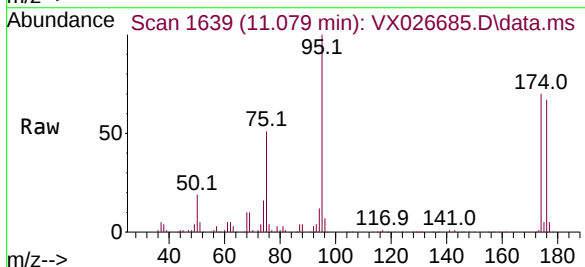
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142369ZHE#08

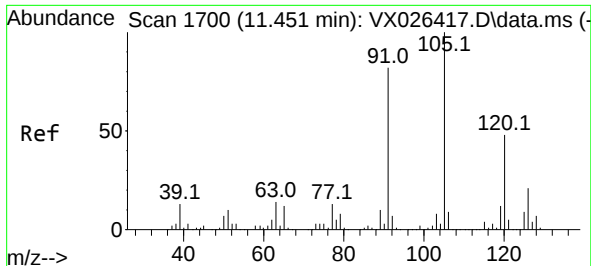
Tgt Ion:152 Resp: 86421
 Ion Ratio Lower Upper
 152 100
 115 60.5 44.2 132.6
 150 157.7 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 25.115 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX026685.D
 Acq: 31 Jan 2022 17:03

Tgt Ion: 75 Resp: 47789
 Ion Ratio Lower Upper
 75 100
 77 1.1 18.3 54.8#

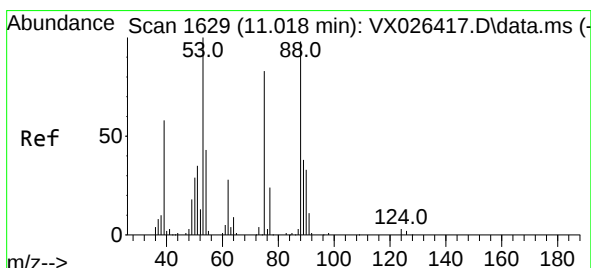
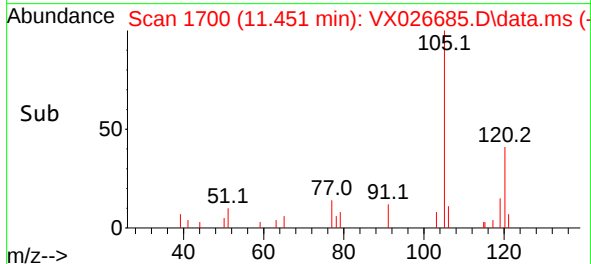
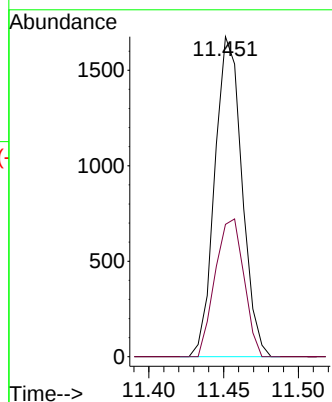
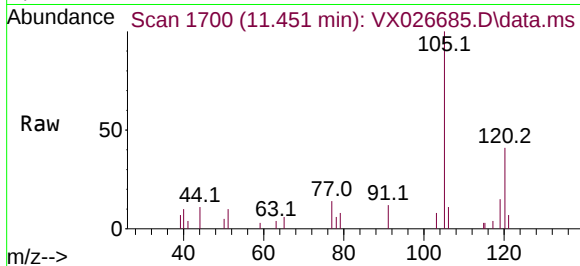




#80
1,3,5-Trimethylbenzene
Concen: 0.363 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026685.D
Acq: 31 Jan 2022 17:03

Instrument :
MSVOA_X
ClientSampleId :
PB142369ZHE#08

Tgt Ion:105 Resp: 2119
Ion Ratio Lower Upper
105 100
120 45.4 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 76.317 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026685.D
Acq: 31 Jan 2022 17:03

Tgt Ion: 75 Resp: 47789
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

