

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020322\
 Data File : VX026761.D
 Acq On : 03 Feb 2022 16:25
 Operator : JC/MD
 Sample : PB142478TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142478TB

Quant Time: Feb 04 02:33:57 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)

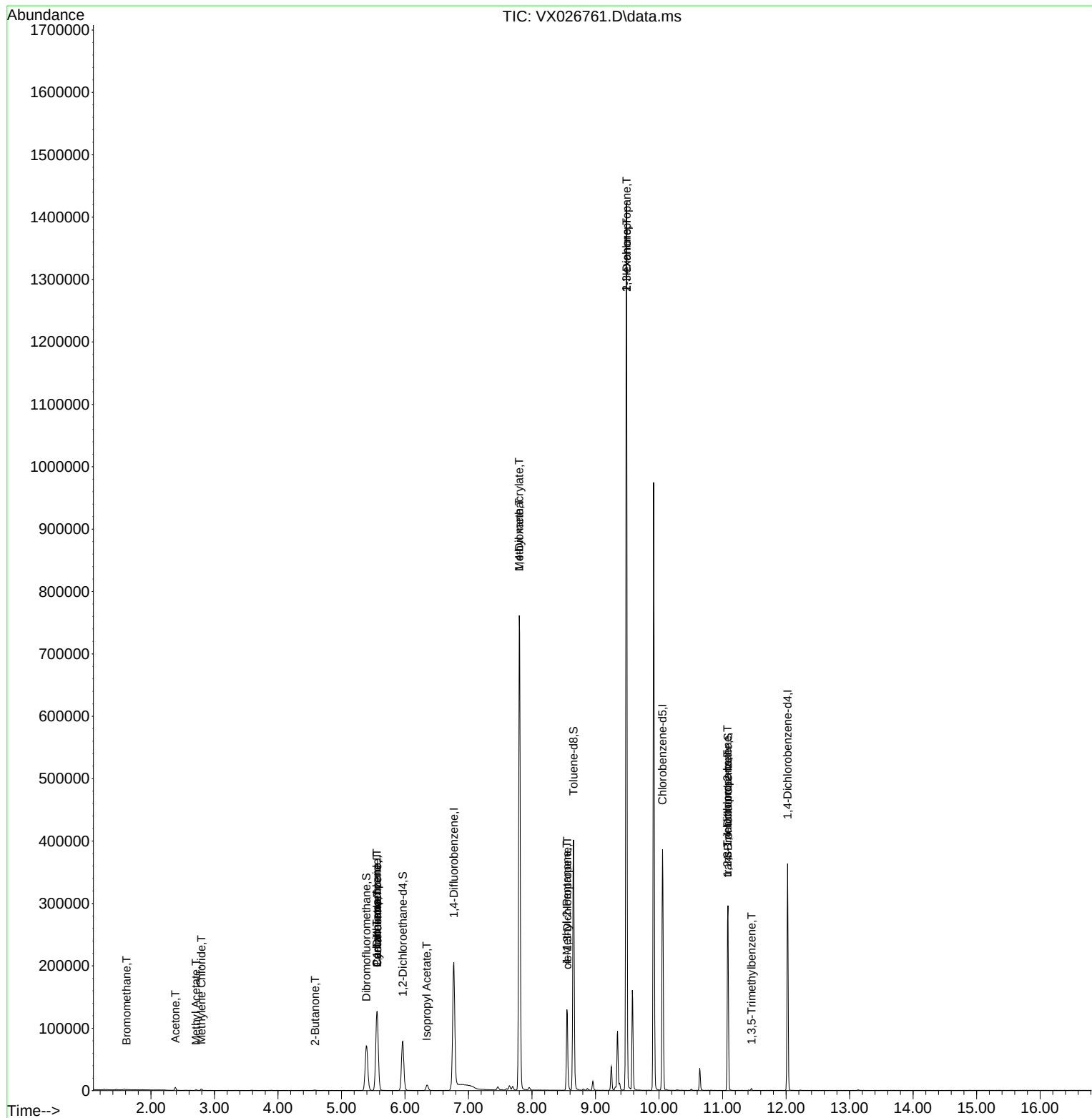
Internal Standards						
1) Pentafluorobenzene	5.562	168	121612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	203898	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177000	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	77037	45.347	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.700%
35) Dibromofluoromethane	5.391	113	64053	48.646	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.300%
50) Toluene-d8	8.652	98	237346	50.022	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.040%
62) 4-Bromofluorobenzene	11.085	95	81524	48.366	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.740%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	173	0.271	ug/l #	57
16) Acetone	2.385	43	4886	5.640	ug/l #	87
18) Methyl Acetate	2.708	43	1574	0.914	ug/l #	88
20) Methylene Chloride	2.794	84	1102	0.770	ug/l #	78
25) 2-Butanone	4.586	43	1075	0.954	ug/l #	90
31) Cyclohexane	5.562	56	2522	1.006	ug/l #	1
36) 1,1-Dichloropropene	5.555	75	9166	4.410	ug/l #	50
38) Carbon Tetrachloride	5.555	117	12545	5.867	ug/l #	17
43) Isopropyl Acetate	6.342	43	12745	3.752	ug/l	99
48) Methyl methacrylate	7.799	41	64401	38.260	ug/l #	45
49) 1,4-Dioxane	7.799	88	19	0.688	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	44085	21.883	ug/l #	50
54) cis-1,3-Dichloropropene	8.555	75	20774	9.469	ug/l #	55
57) 1,3-Dichloropropane	9.488	76	12655	5.309	ug/l #	43
59) 2-Hexanone	9.488	43	172672	111.984	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	40137	25.263	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.457	105	1589	0.326	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	40137	76.737	ug/l #	3

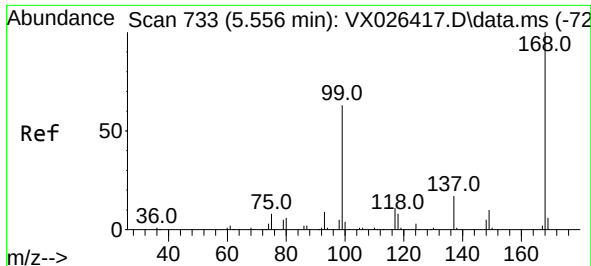
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: Feb 04 02:33:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
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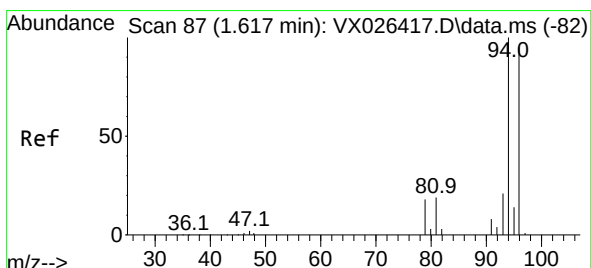
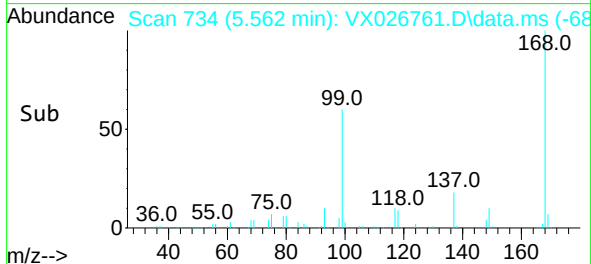
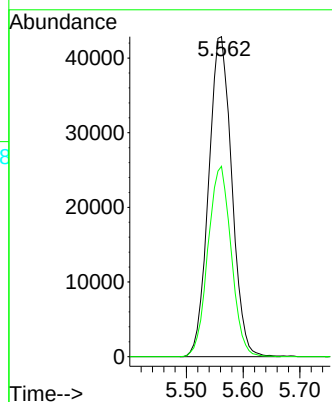
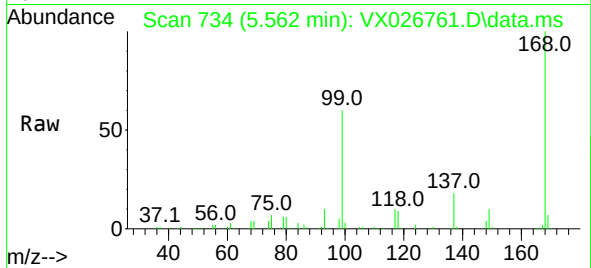




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026761.D
Acq: 03 Feb 2022 16:25

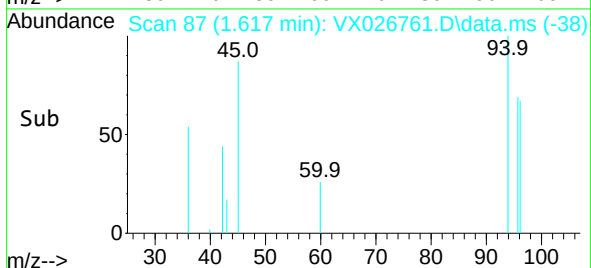
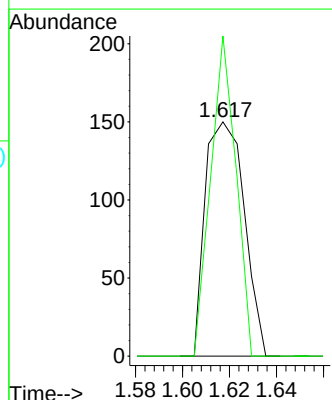
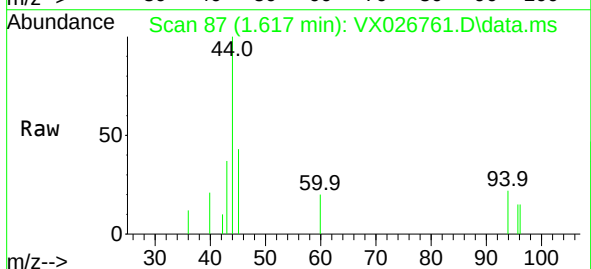
Instrument :
MSVOA_X
ClientSampleId :
PB142478TB

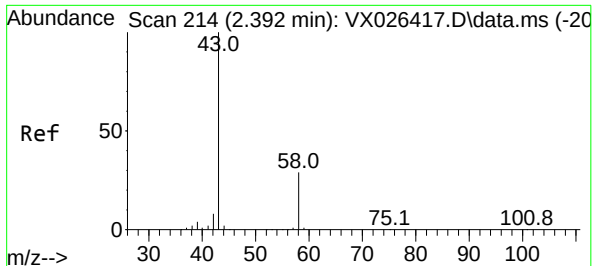
Tgt Ion:168 Resp: 121612
Ion Ratio Lower Upper
168 100
99 59.5 50.3 75.5



#5
Bromomethane
Concen: 0.271 ug/l
RT: 1.617 min Scan# 87
Delta R.T. -0.000 min
Lab File: VX026761.D
Acq: 03 Feb 2022 16:25

Tgt Ion: 94 Resp: 173
Ion Ratio Lower Upper
94 100
96 136.7 75.9 113.9#

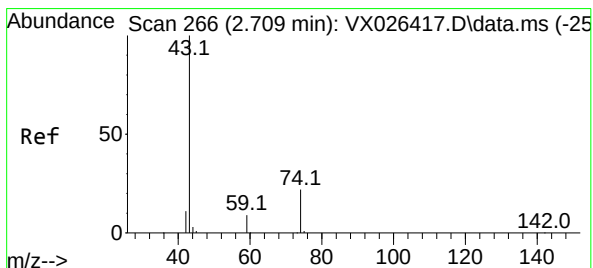
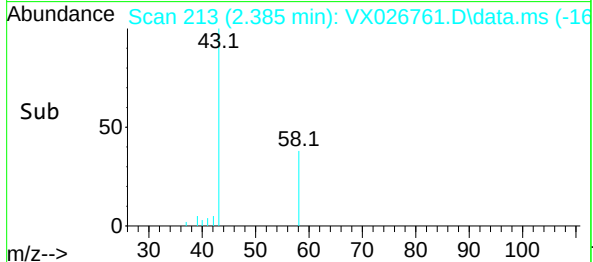
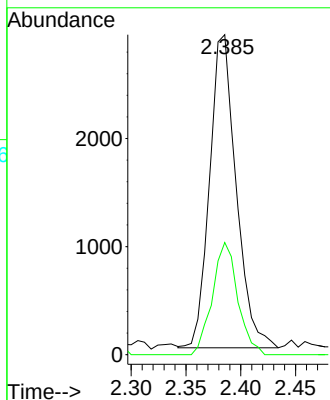
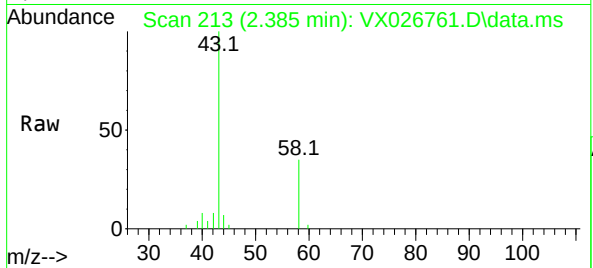




#16
Acetone
Concen: 5.640 ug/l
RT: 2.385 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026761.D
Acq: 03 Feb 2022 16:25

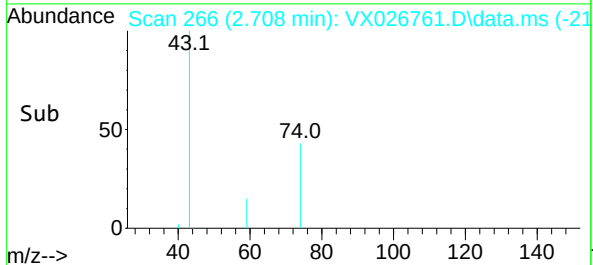
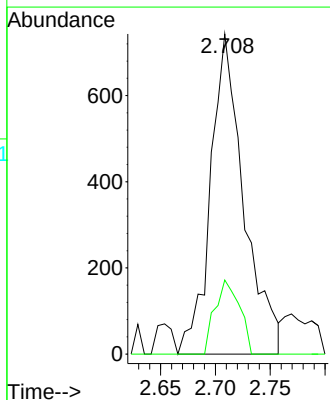
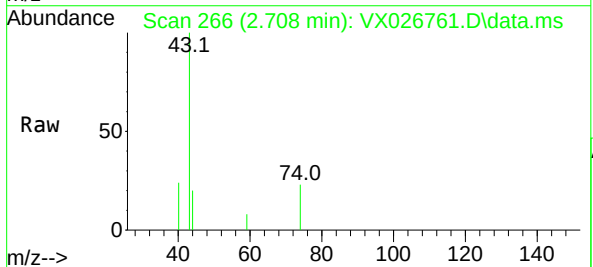
Instrument :
MSVOA_X
ClientSampleId :
PB142478TB

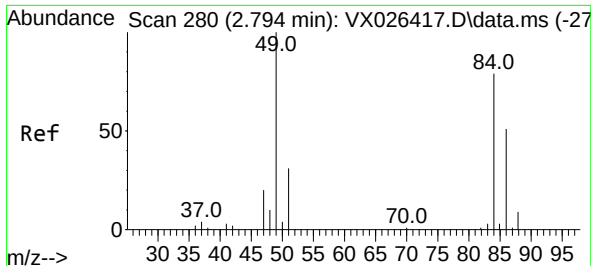
Tgt Ion: 43 Resp: 4886
Ion Ratio Lower Upper
43 100
58 35.8 23.0 34.6#



#18
Methyl Acetate
Concen: 0.914 ug/l
RT: 2.708 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX026761.D
Acq: 03 Feb 2022 16:25

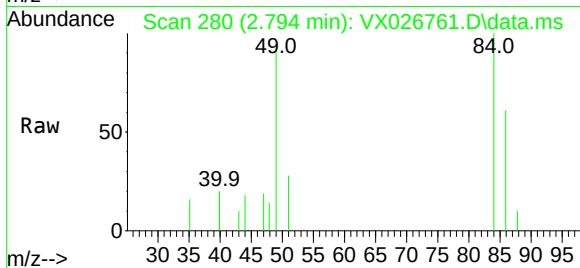
Tgt Ion: 43 Resp: 1574
Ion Ratio Lower Upper
43 100
74 17.0 18.3 27.5#



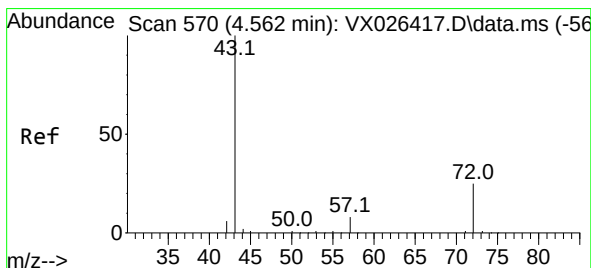
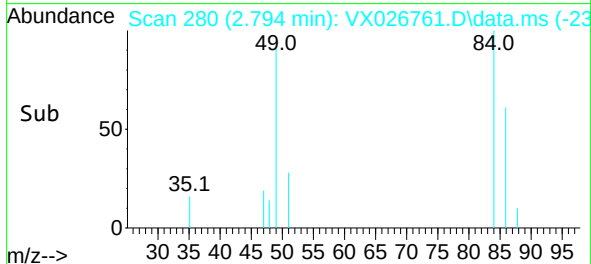
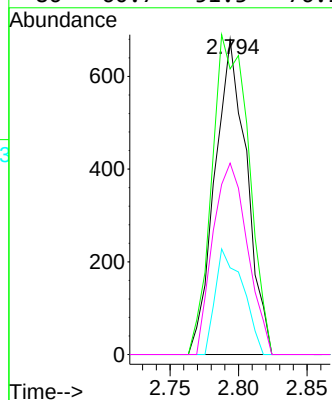


#20
Methylene Chloride
Concen: 0.770 ug/l
RT: 2.794 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026761.D
Acq: 03 Feb 2022 16:25

Instrument :
MSVOA_X
ClientSampleId :
PB142478TB

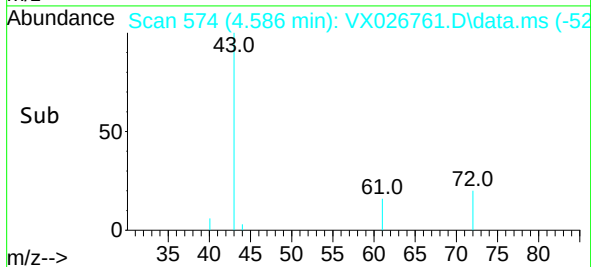
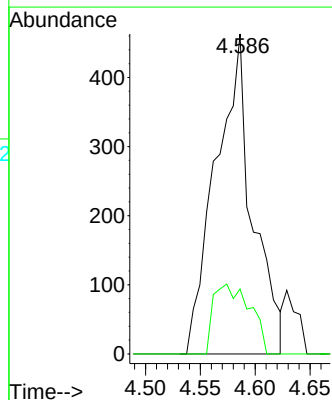
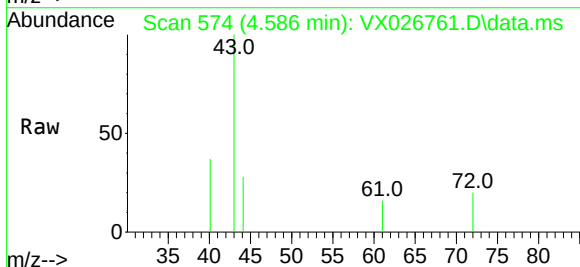


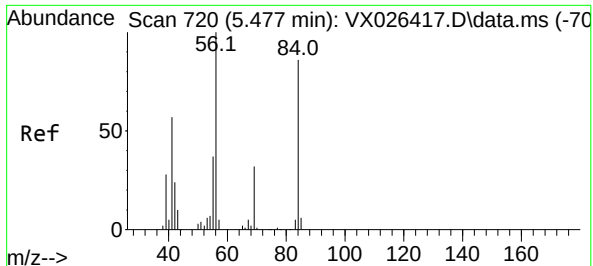
Tgt Ion:	84	Resp:	1102
Ion	Ratio	Lower	Upper
84	100		
49	90.6	101.5	152.3#
51	27.5	31.2	46.8#
86	60.7	51.3	76.9



#25
2-Butanone
Concen: 0.954 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.024 min
Lab File: VX026761.D
Acq: 03 Feb 2022 16:25

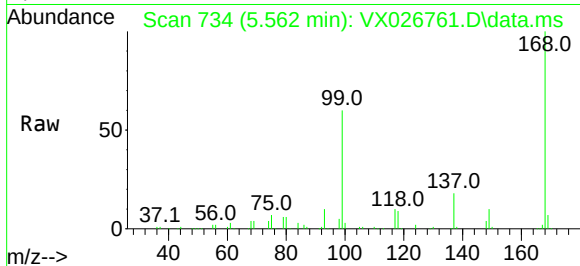
Tgt Ion:	43	Resp:	1075
Ion	Ratio	Lower	Upper
43	100		
72	20.3	20.4	30.6#





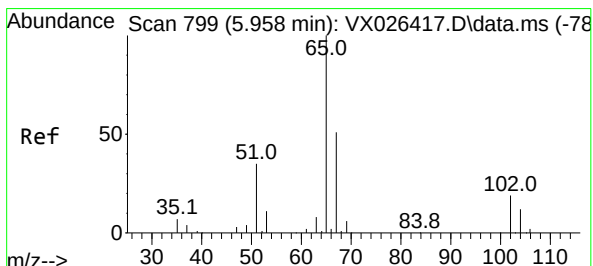
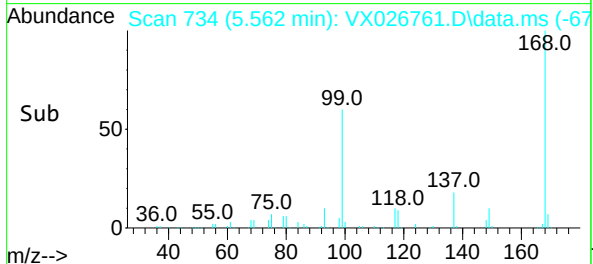
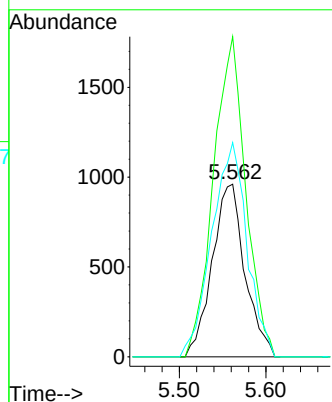
#31
Cyclohexane
Concen: 1.006 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.085 min
Lab File: VX026761.D
Acq: 03 Feb 2022 16:25

Instrument :
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PB142478TB



Tgt Ion: 56 Resp: 2522

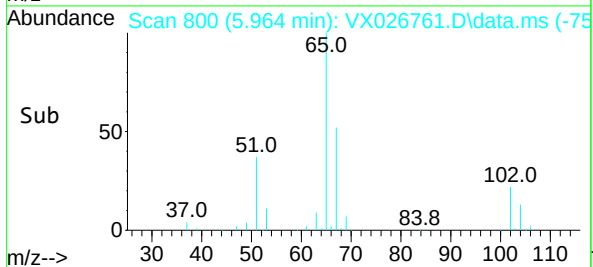
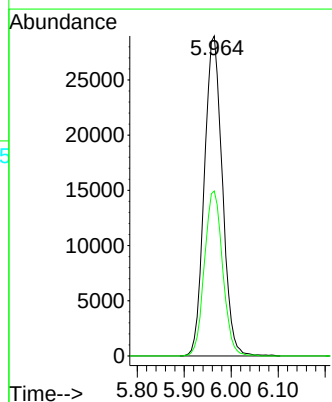
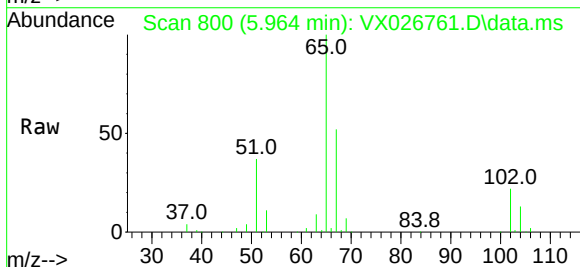
Ion	Ratio	Lower	Upper
56	100		
69	185.4	25.8	38.6#
84	124.0	68.9	103.3#

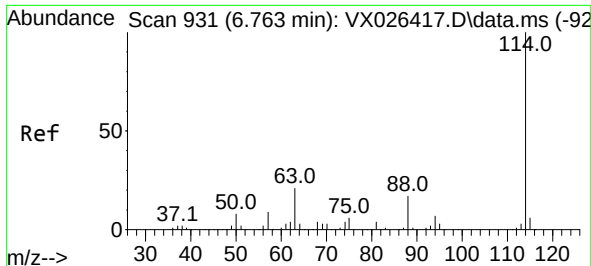


#33
1,2-Dichloroethane-d4
Concen: 45.347 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX026761.D
Acq: 03 Feb 2022 16:25

Tgt Ion: 65 Resp: 77037

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	100.8

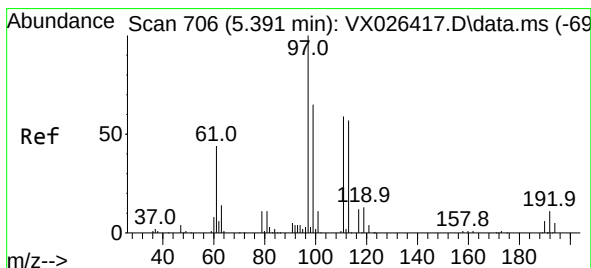
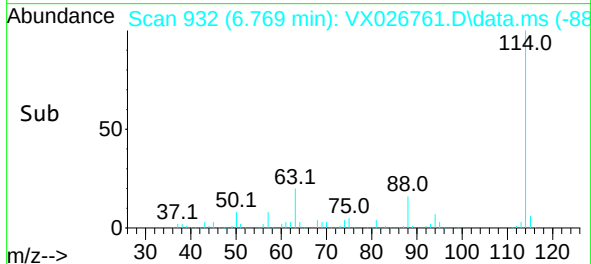
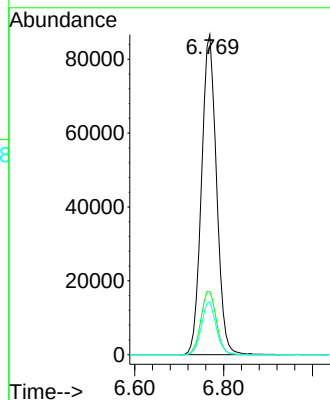
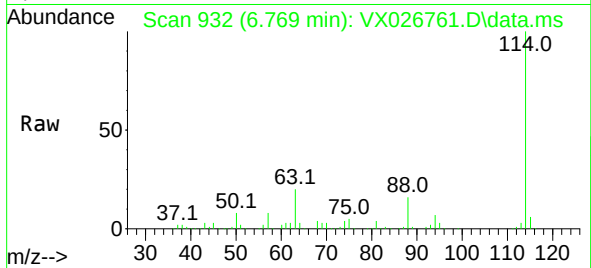




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX026761.D
Acq: 03 Feb 2022 16:25

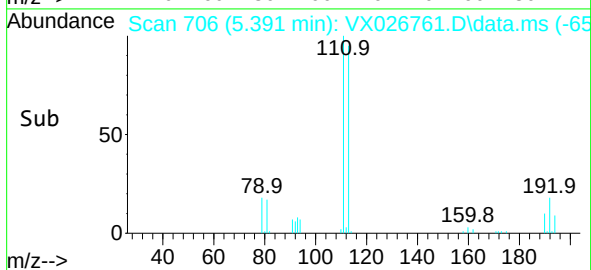
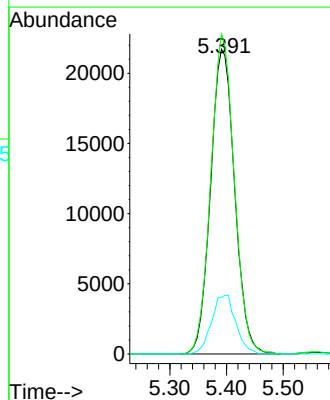
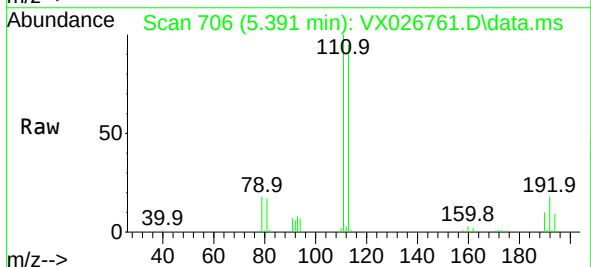
Instrument :
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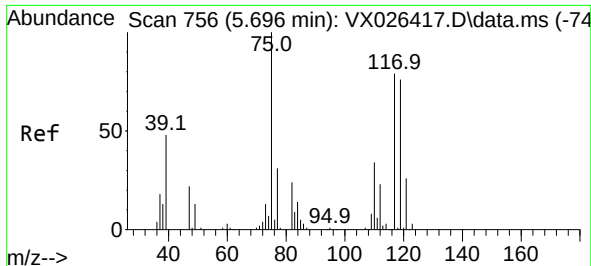
Tgt Ion:114 Resp: 203898
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.8
88 16.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.646 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026761.D
Acq: 03 Feb 2022 16:25

Tgt Ion:113 Resp: 64053
Ion Ratio Lower Upper
113 100
111 102.7 81.2 121.8
192 19.3 15.0 22.4

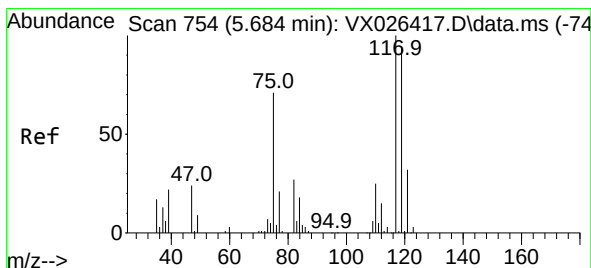
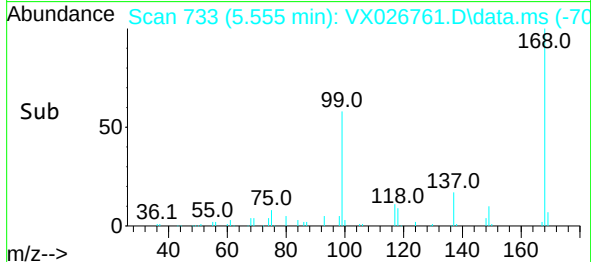
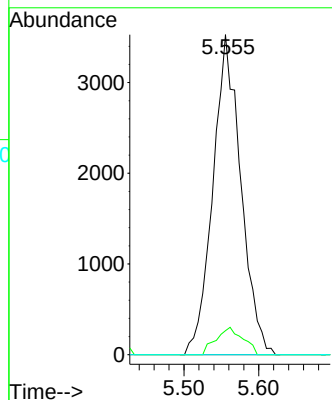
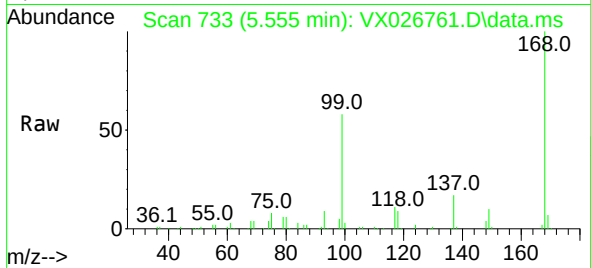




#36
1,1-Dichloropropene
Concen: 4.410 ug/l
RT: 5.555 min Scan# 713
Delta R.T. -0.141 min
Lab File: VX026761.D
Acq: 03 Feb 2022 16:25

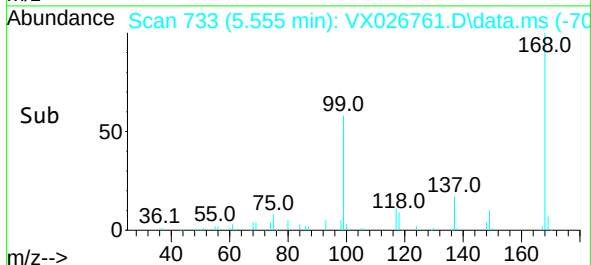
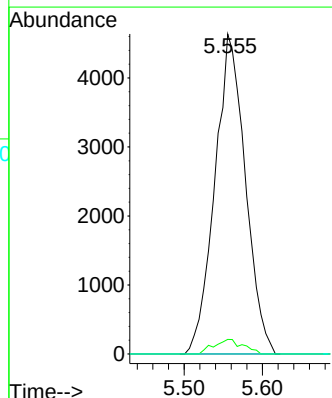
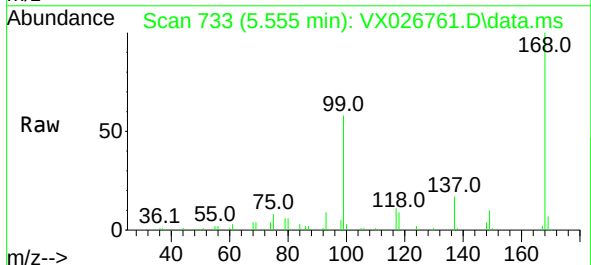
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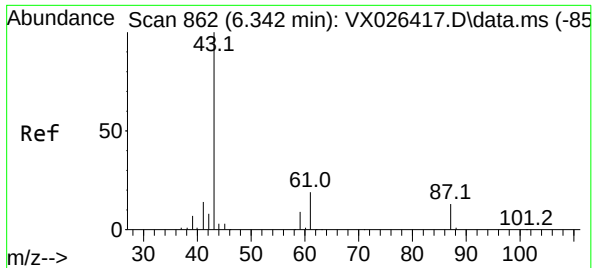
Tgt Ion: 75 Resp: 9166
Ion Ratio Lower Upper
75 100
110 8.2 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.867 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026761.D
Acq: 03 Feb 2022 16:25

Tgt Ion: 117 Resp: 12545
Ion Ratio Lower Upper
117 100
119 4.5 74.7 112.1#
121 0.0 25.4 38.0#

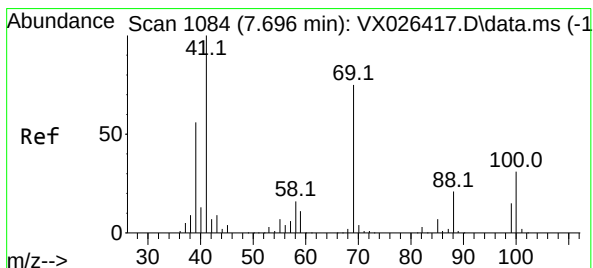
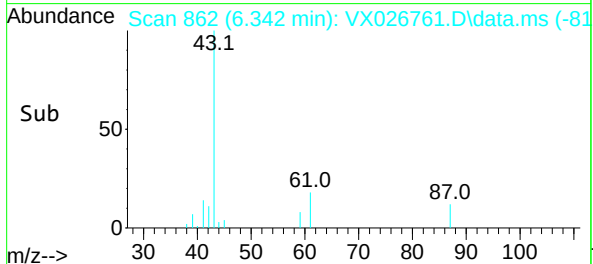
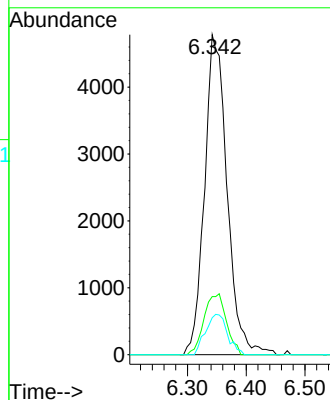
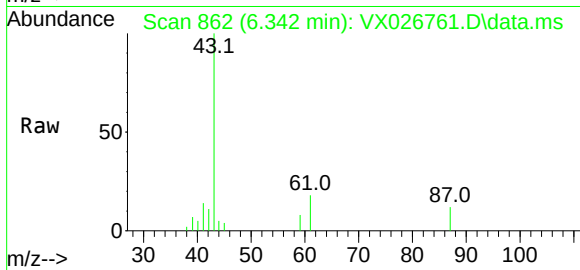




#43
Isopropyl Acetate
Concen: 3.752 ug/l
RT: 6.342 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX026761.D
Acq: 03 Feb 2022 16:25

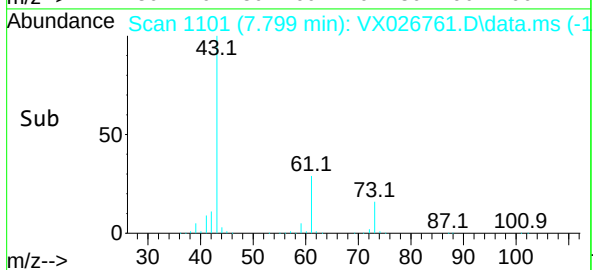
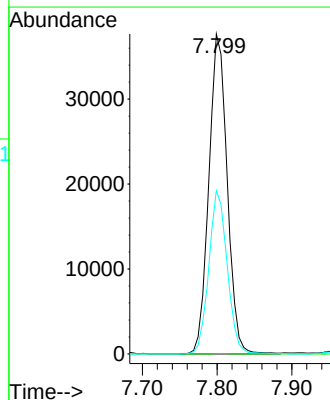
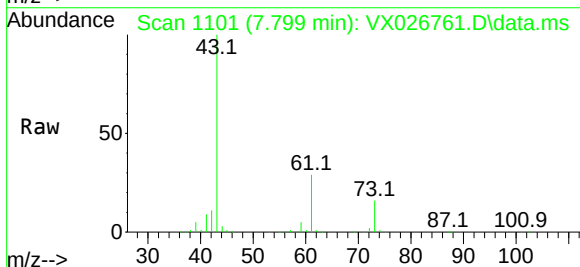
Instrument :
MSVOA_X
ClientSampleId :
PB142478TB

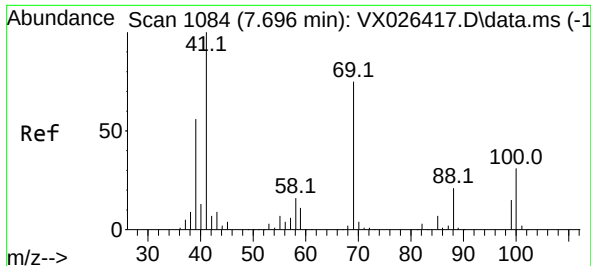
Tgt Ion: 43 Resp: 12745
Ion Ratio Lower Upper
43 100
61 18.8 15.4 23.0
87 12.2 10.2 15.2



#48
Methyl methacrylate
Concen: 38.260 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.103 min
Lab File: VX026761.D
Acq: 03 Feb 2022 16:25

Tgt Ion: 41 Resp: 64401
Ion Ratio Lower Upper
41 100
69 0.1 62.2 93.4#
39 51.1 45.4 68.0





#49

1,4-Dioxane

Concen: 0.688 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.103 min

Lab File: VX026761.D

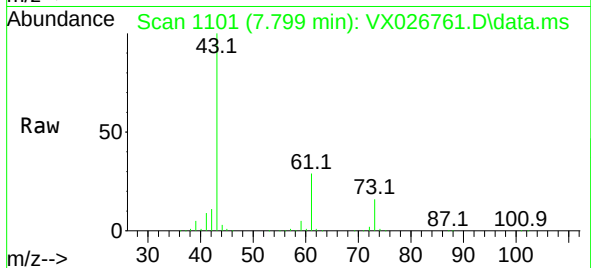
Acq: 03 Feb 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

PB142478TB



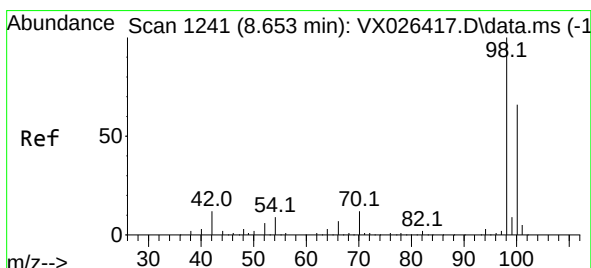
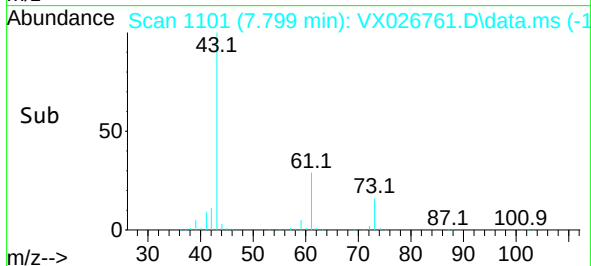
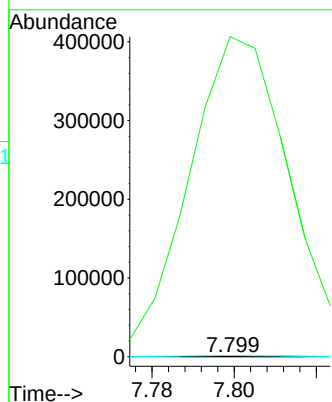
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 3713947.4 29.9 44.9#

58 14463.2 57.8 86.6#



#50

Toluene-d8

Concen: 50.022 ug/l

RT: 8.652 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX026761.D

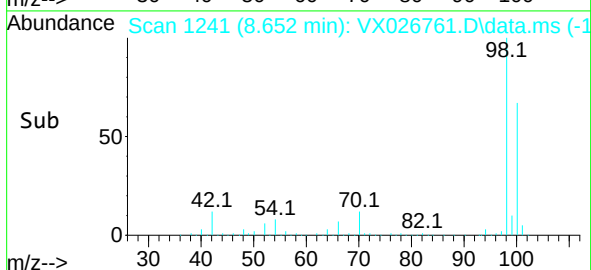
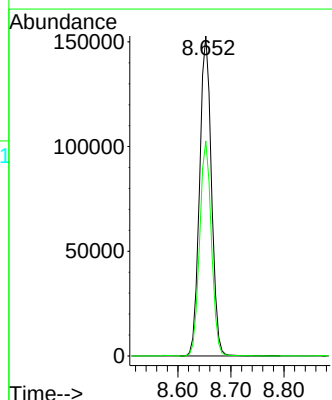
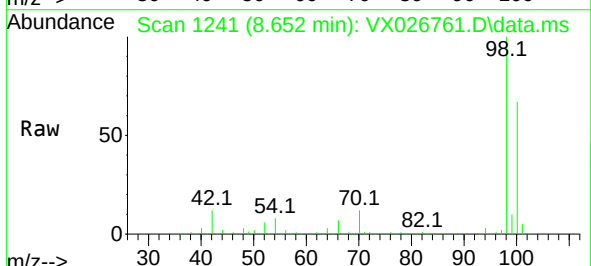
Acq: 03 Feb 2022 16:25

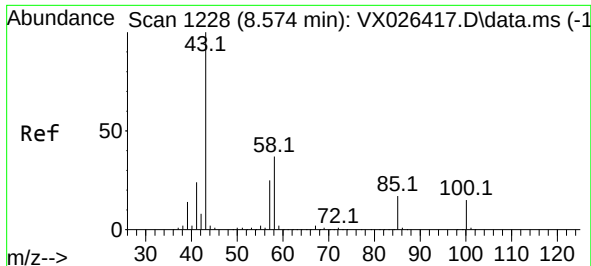
Tgt Ion: 98 Resp: 237346

Ion Ratio Lower Upper

98 100

100 66.5 53.2 79.8

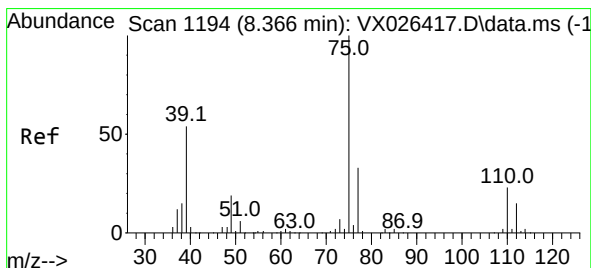
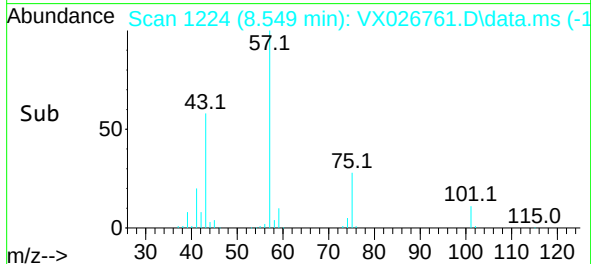
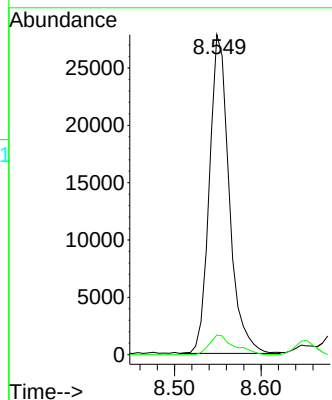
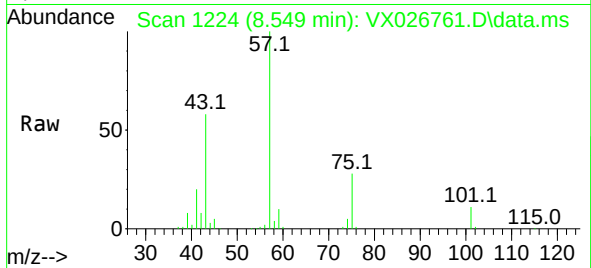




#51
4-Methyl-2-Pentanone
Concen: 21.883 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX026761.D
Acq: 03 Feb 2022 16:25

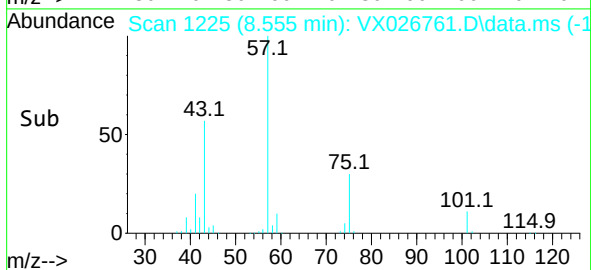
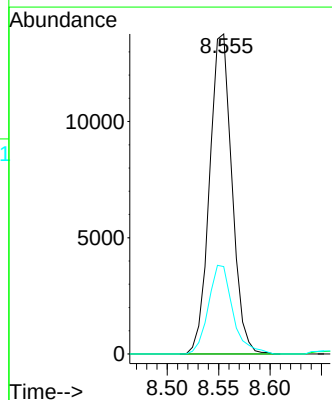
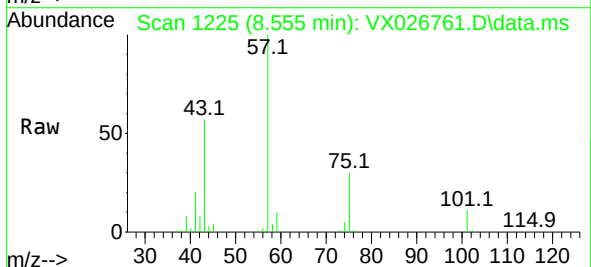
Instrument :
MSVOA_X
ClientSampleId :
PB142478TB

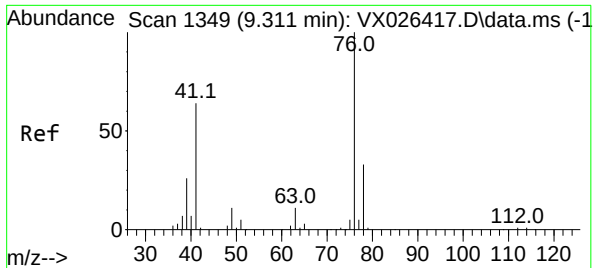
Tgt Ion: 43 Resp: 44085
Ion Ratio Lower Upper
43 100
58 7.6 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 9.469 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.189 min
Lab File: VX026761.D
Acq: 03 Feb 2022 16:25

Tgt Ion: 75 Resp: 20774
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.2#
39 27.3 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 5.309 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.176 min

Lab File: VX026761.D

Acq: 03 Feb 2022 16:25

Instrument :

MSVOA_X

ClientSampleId :

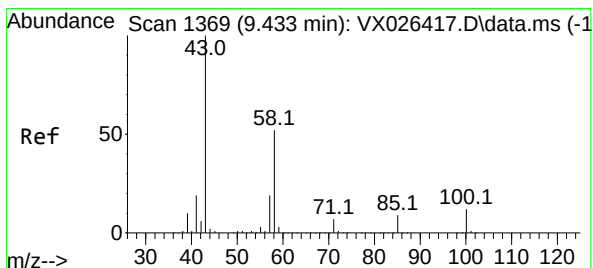
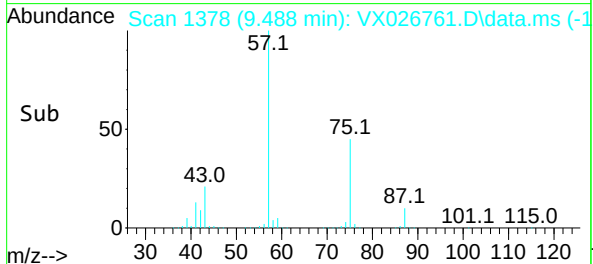
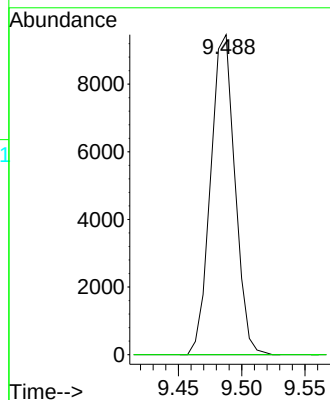
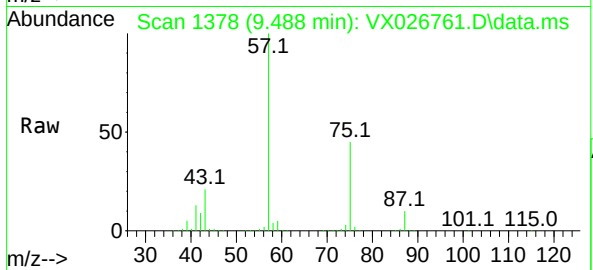
PB142478TB

Tgt Ion: 76 Resp: 12655

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 111.984 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.055 min

Lab File: VX026761.D

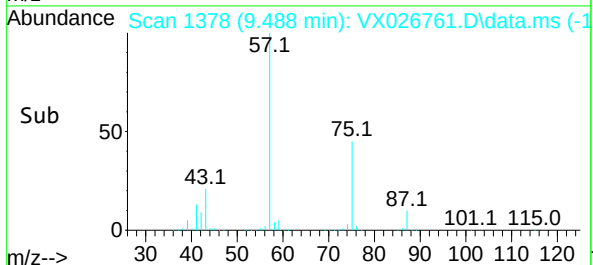
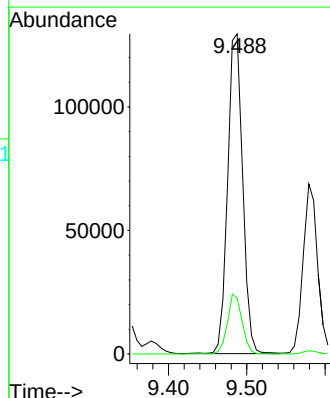
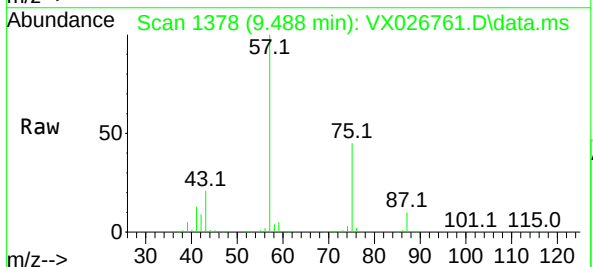
Acq: 03 Feb 2022 16:25

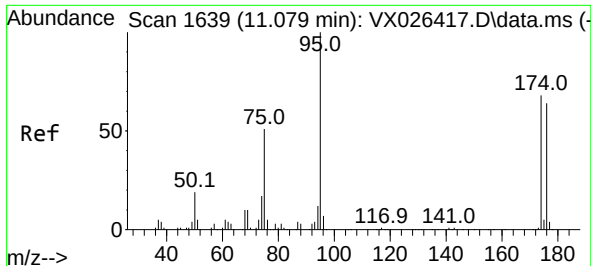
Tgt Ion: 43 Resp: 172672

Ion Ratio Lower Upper

43 100

58 18.3 26.4 79.2#

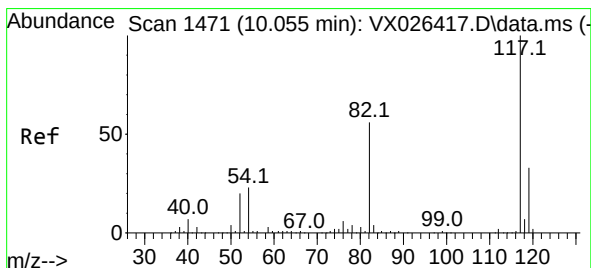
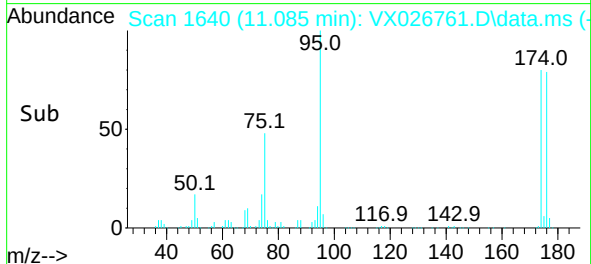
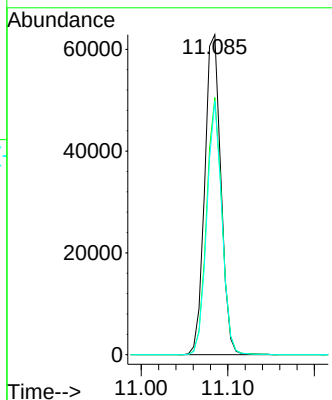
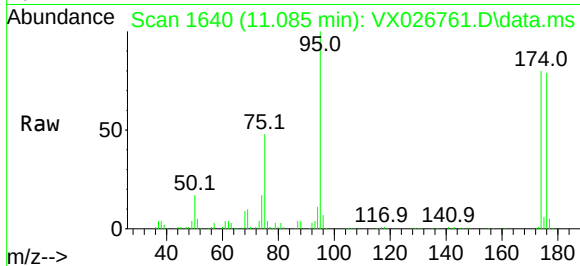




#62
4-Bromofluorobenzene
Concen: 48.366 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026761.D
Acq: 03 Feb 2022 16:25

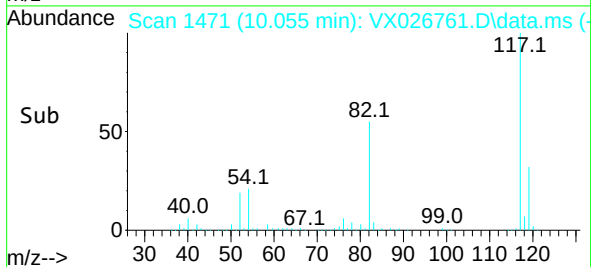
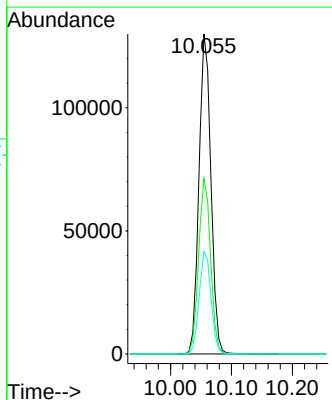
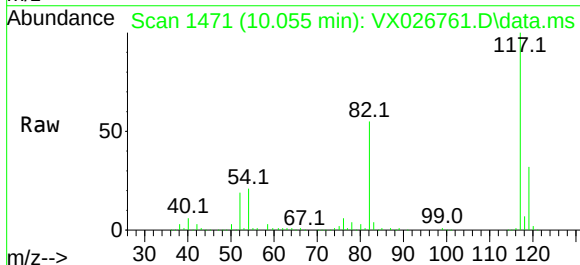
Instrument :
MSVOA_X
ClientSampleId :
PB142478TB

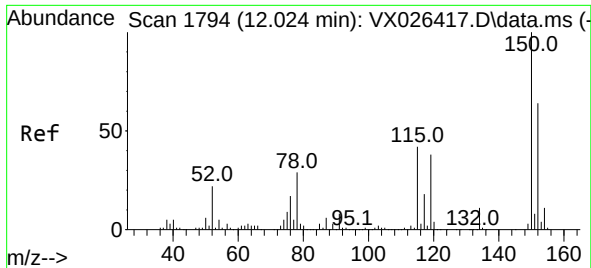
Tgt Ion: 95 Resp: 81524
Ion Ratio Lower Upper
95 100
174 76.3 0.0 148.6
176 74.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026761.D
Acq: 03 Feb 2022 16:25

Tgt Ion: 117 Resp: 177000
Ion Ratio Lower Upper
117 100
82 54.8 45.2 67.8
119 32.0 26.2 39.2

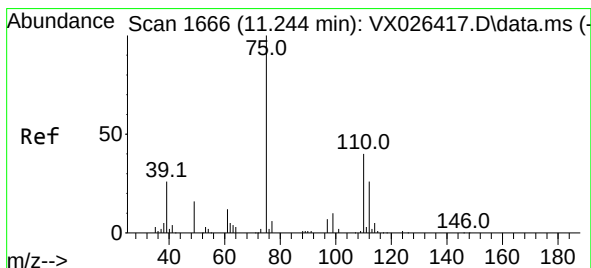
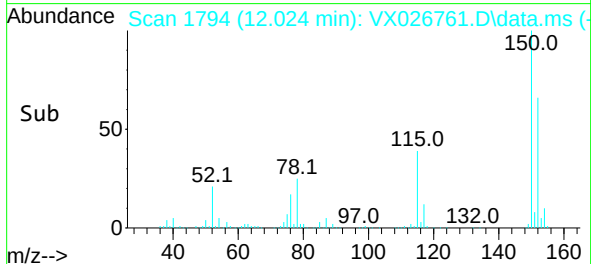
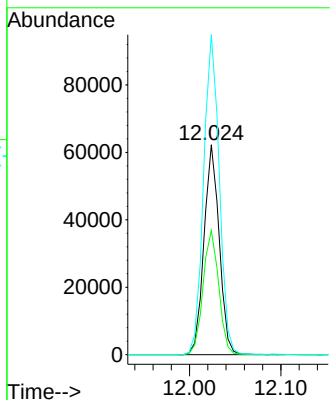
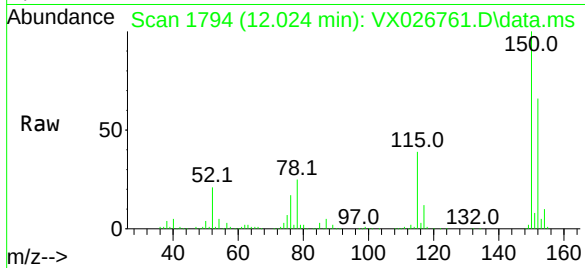




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026761.D
Acq: 03 Feb 2022 16:25

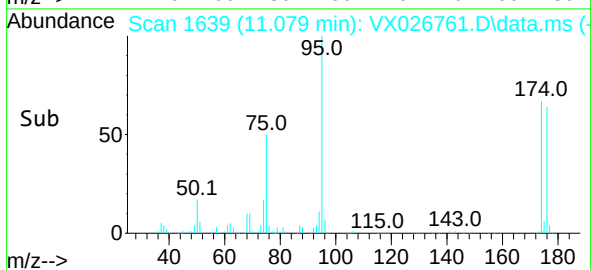
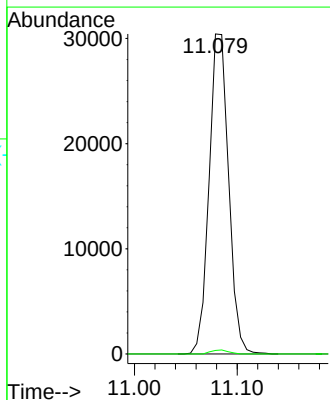
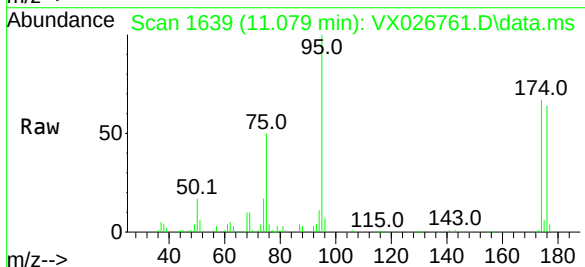
Instrument :
MSVOA_X
ClientSampleId :
PB142478TB

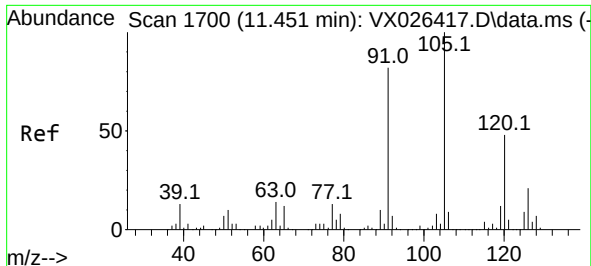
Tgt Ion:152 Resp: 72158
Ion Ratio Lower Upper
152 100
115 60.7 44.2 132.6
150 156.7 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 25.263 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026761.D
Acq: 03 Feb 2022 16:25

Tgt Ion: 75 Resp: 40137
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#

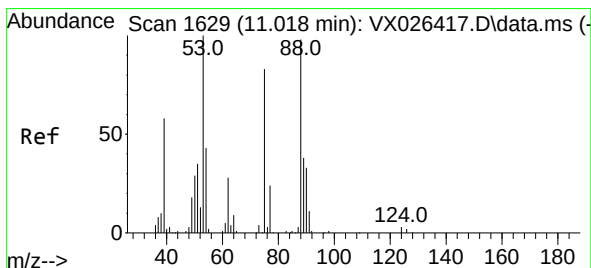
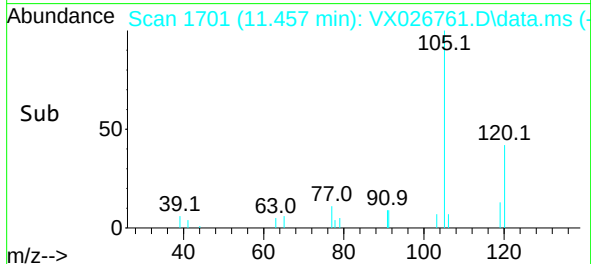
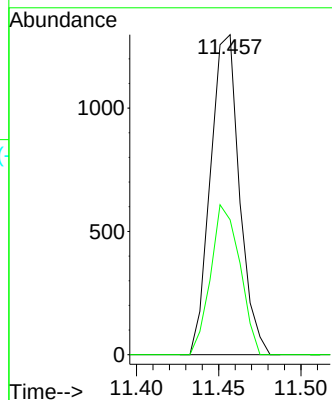
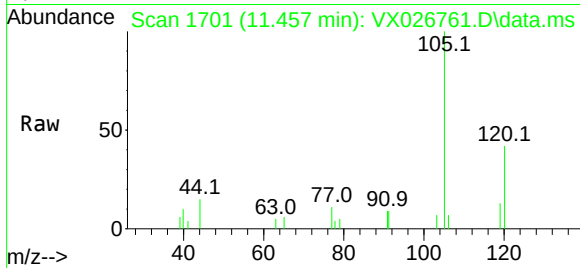




#80
1,3,5-Trimethylbenzene
Concen: 0.326 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026761.D
Acq: 03 Feb 2022 16:25

Instrument :
MSVOA_X
ClientSampleId :
PB142478TB

Tgt Ion:105 Resp: 1589
Ion Ratio Lower Upper
105 100
120 47.1 24.0 72.0



#81
trans-1,4-Dichloro-2-butene
Concen: 76.737 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026761.D
Acq: 03 Feb 2022 16:25

Tgt Ion: 75 Resp: 40137
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

