

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012022\
 Data File : VX026530.D
 Acq On : 20 Jan 2022 13:58
 Operator : JC/MD
 Sample : PB142135ZHE#04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142135ZHE#04

Quant Time: Jan 21 04:04:26 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)

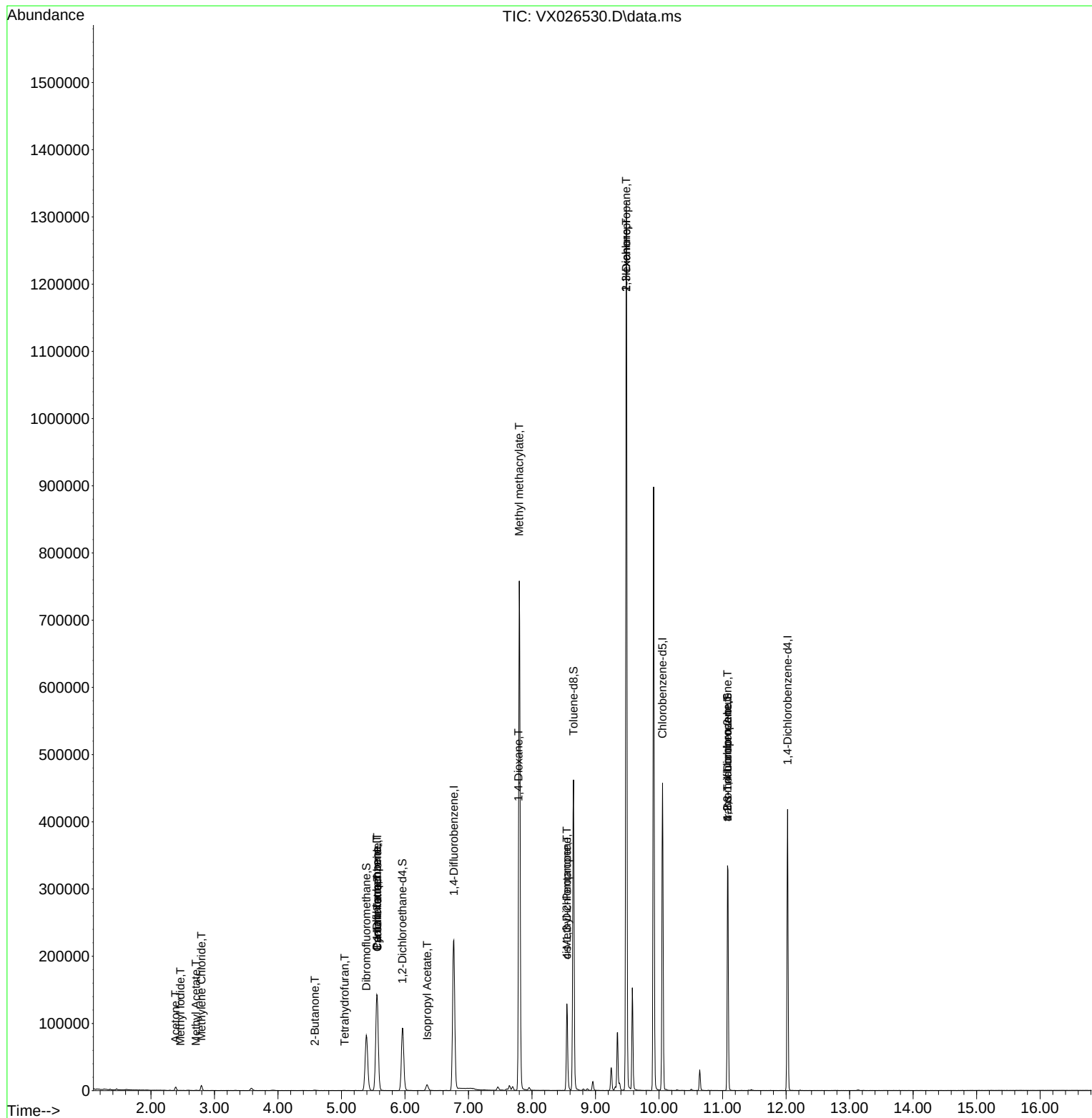
Internal Standards						
1) Pentafluorobenzene	5.556	168	133485	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	229289	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92053	49.367	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.740%
35) Dibromofluoromethane	5.391	113	71922	48.574	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.140%
50) Toluene-d8	8.653	98	265032	49.671	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.340%
62) 4-Bromofluorobenzene	11.079	95	92796	48.957	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.920%
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.465	142	155	4.535	ug/l #	37
16) Acetone	2.386	43	5872	6.175	ug/l	97
18) Methyl Acetate	2.709	43	714	0.378	ug/l #	81
20) Methylene Chloride	2.794	84	3268	2.080	ug/l	98
25) 2-Butanone	4.581	43	1266	1.024	ug/l	91
29) Tetrahydrofuran	5.050	42	235	0.320	ug/l #	34
31) Cyclohexane	5.562	56	2869	1.043	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10655	4.558	ug/l #	50
38) Carbon Tetrachloride	5.562	117	13932	5.794	ug/l #	16
43) Isopropyl Acetate	6.348	43	12236	3.204	ug/l	98
48) Methyl methacrylate	7.799	41	64665	34.162	ug/l #	45
49) 1,4-Dioxane	7.787	88	78	2.511	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	43432	19.171	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	19752	8.006	ug/l #	59
57) 1,3-Dichloropropane	9.482	76	11691	4.362	ug/l #	43
59) 2-Hexanone	9.482	43	166791	96.192	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	46538	25.756	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	46538	78.139	ug/l #	3

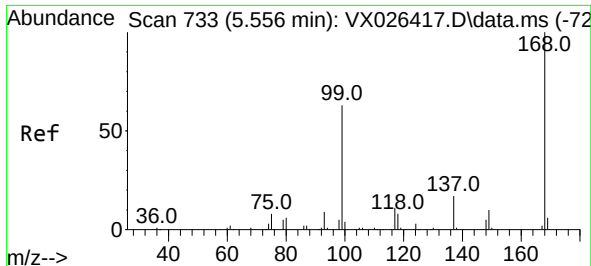
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 11 14:45:13 2022
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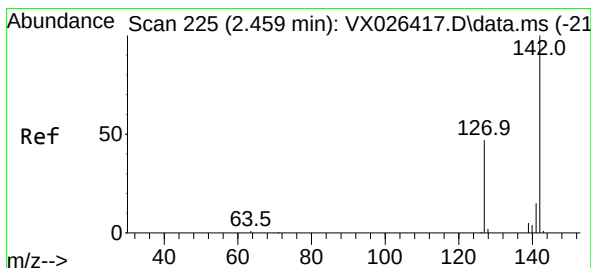
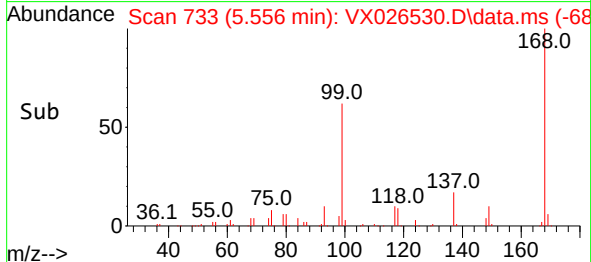
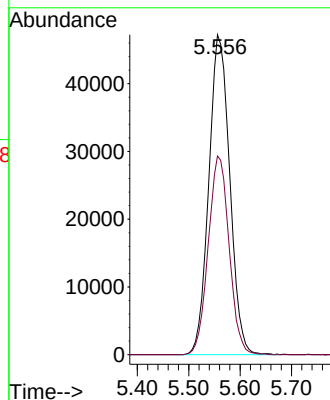
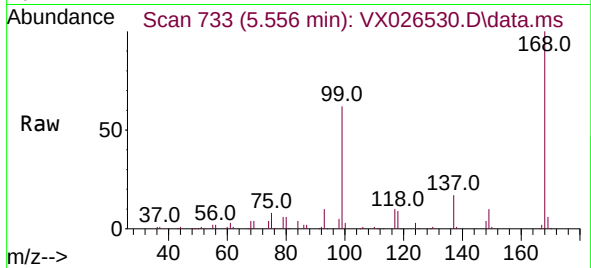




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026530.D
Acq: 20 Jan 2022 13:58

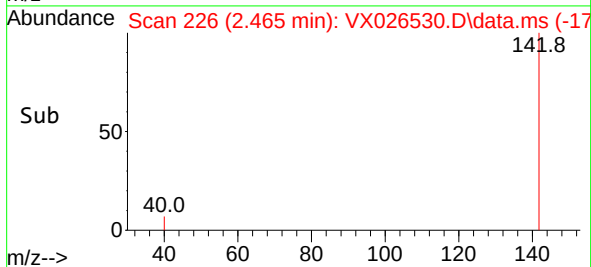
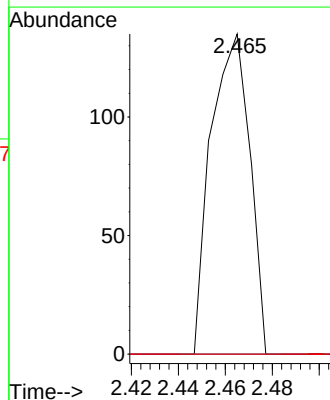
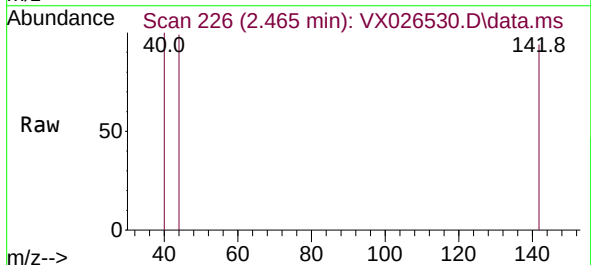
Instrument :
MSVOA_X
ClientSampleId :
PB142135ZHE#04

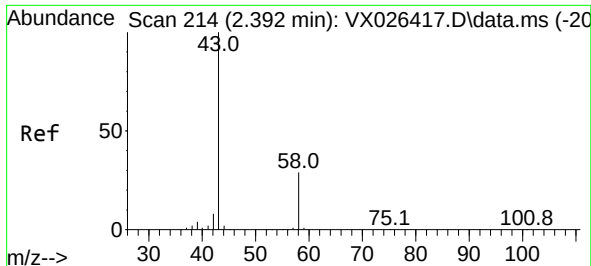
Tgt Ion:168 Resp: 133485
Ion Ratio Lower Upper
168 100
99 62.1 50.3 75.5



#10
Methyl Iodide
Concen: 4.535 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026530.D
Acq: 20 Jan 2022 13:58

Tgt Ion:142 Resp: 155
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#

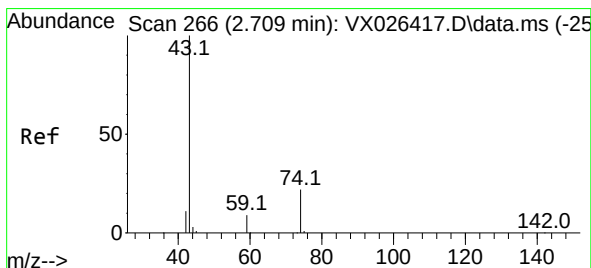
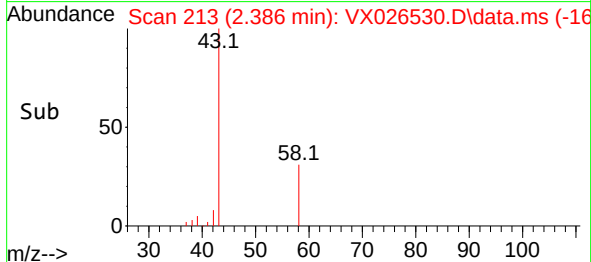
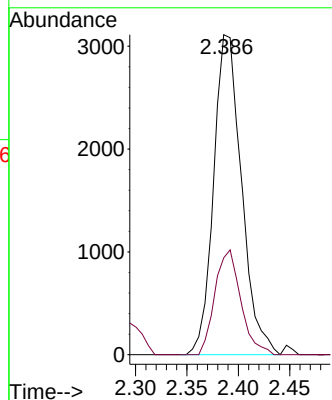
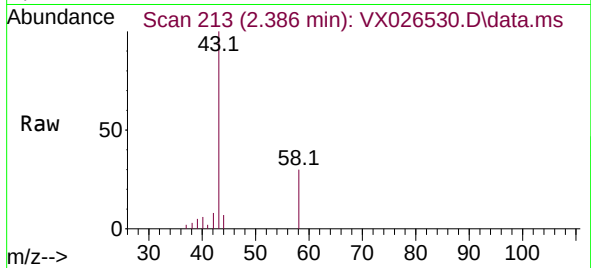




#16
Acetone
Concen: 6.175 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026530.D
Acq: 20 Jan 2022 13:58

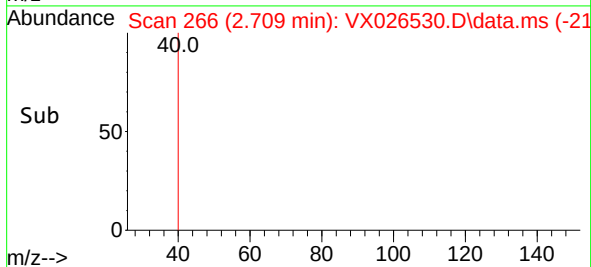
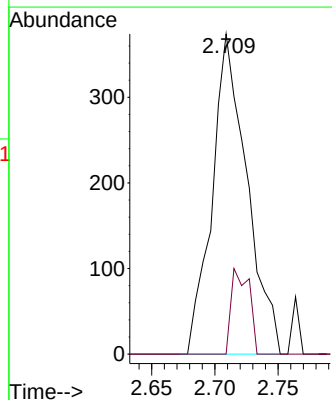
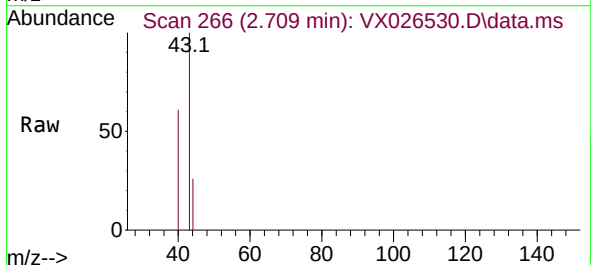
Instrument :
MSVOA_X
ClientSampleId :
PB142135ZHE#04

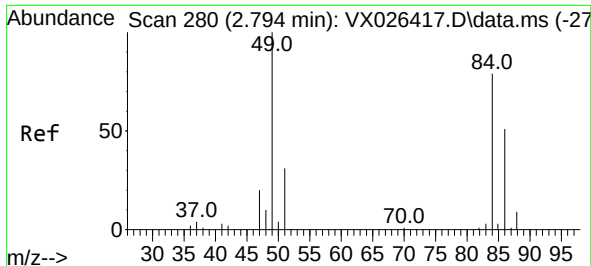
Tgt Ion: 43 Resp: 5872
Ion Ratio Lower Upper
43 100
58 30.3 23.0 34.6



#18
Methyl Acetate
Concen: 0.378 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX026530.D
Acq: 20 Jan 2022 13:58

Tgt Ion: 43 Resp: 714
Ion Ratio Lower Upper
43 100
74 13.7 18.3 27.5#

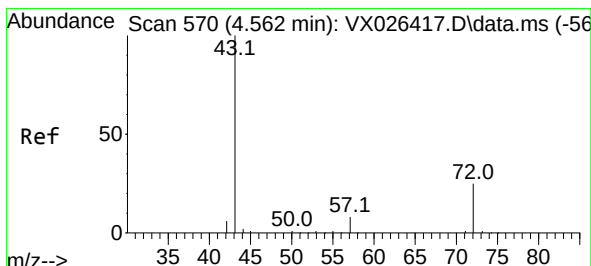
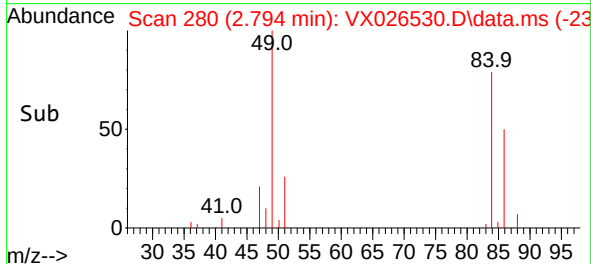
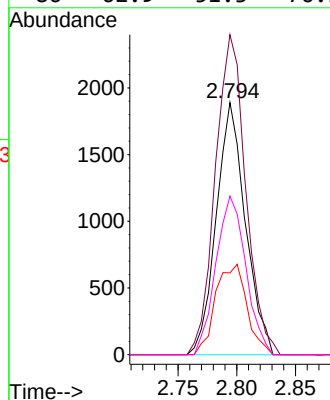
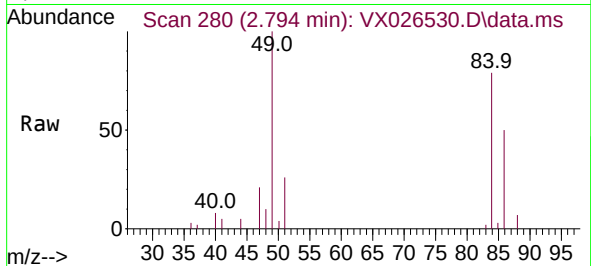




#20
Methylene Chloride
Concen: 2.080 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026530.D
Acq: 20 Jan 2022 13:58

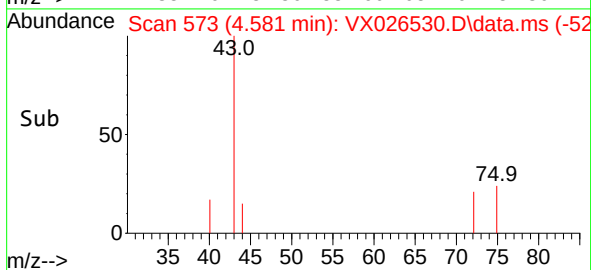
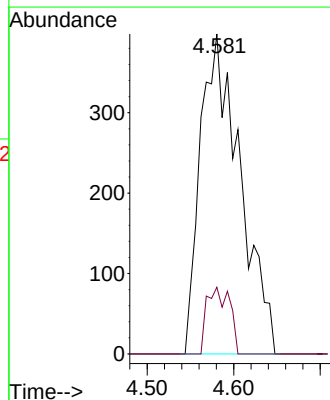
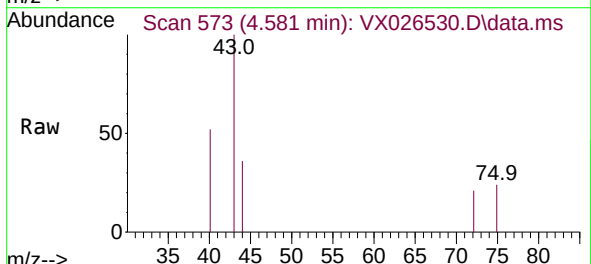
Instrument :
MSVOA_X
ClientSampleId :
PB142135ZHE#04

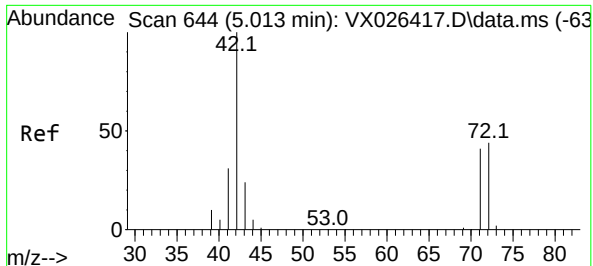
Tgt Ion: 84	Resp:	3268	
Ion	Ratio	Lower	Upper
84	100		
49	126.9	101.5	152.3
51	32.4	31.2	46.8
86	62.9	51.3	76.9



#25
2-Butanone
Concen: 1.024 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX026530.D
Acq: 20 Jan 2022 13:58

Tgt Ion: 43	Resp:	1266	
Ion	Ratio	Lower	Upper
43	100		
72	20.9	20.4	30.6





#29

Tetrahydrofuran

Concen: 0.320 ug/l

RT: 5.050 min Scan# 61

Delta R.T. 0.037 min

Lab File: VX026530.D

Acq: 20 Jan 2022 13:58

Instrument :

MSVOA_X

ClientSampleId :

PB142135ZHE#04

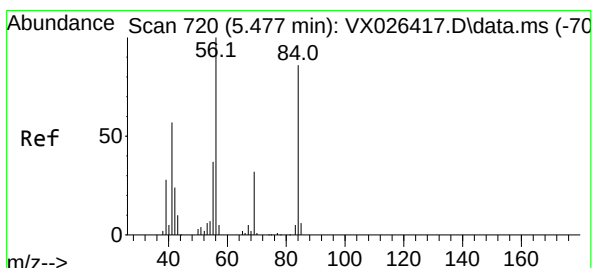
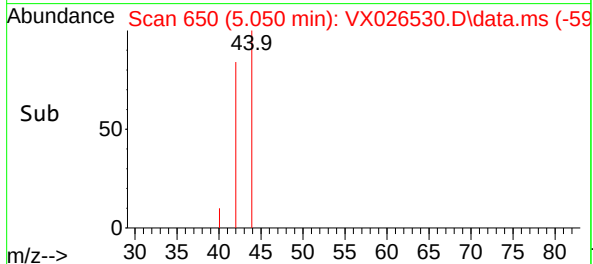
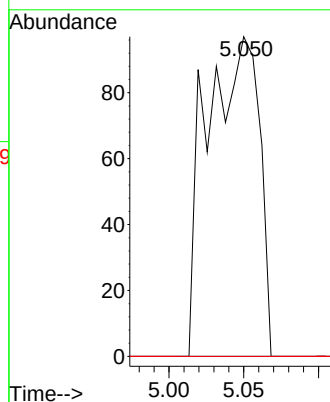
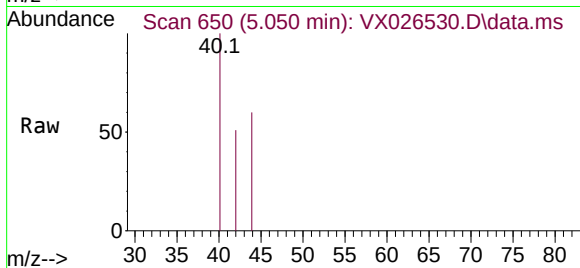
Tgt Ion: 42 Resp: 235

Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

71 0.0 31.8 47.8#



#31

Cyclohexane

Concen: 1.043 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX026530.D

Acq: 20 Jan 2022 13:58

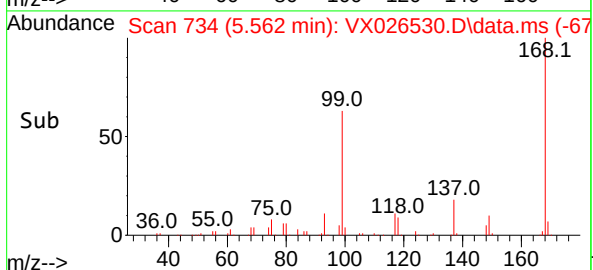
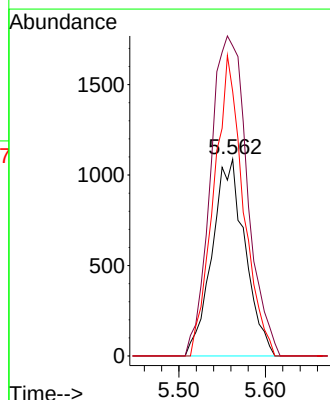
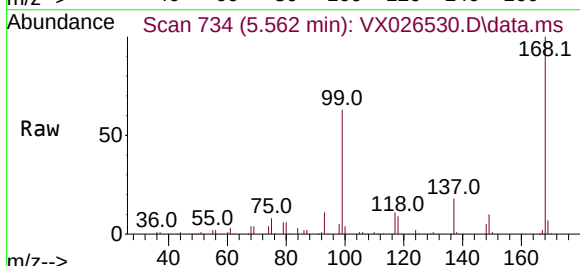
Tgt Ion: 56 Resp: 2869

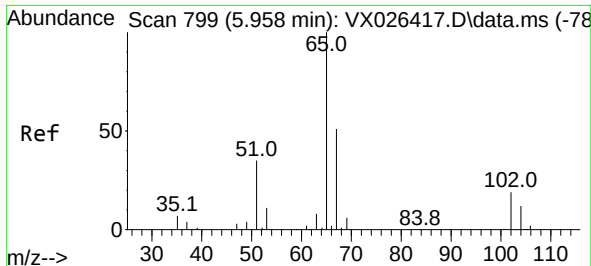
Ion Ratio Lower Upper

56 100

69 157.5 25.8 38.6#

84 134.4 68.9 103.3#

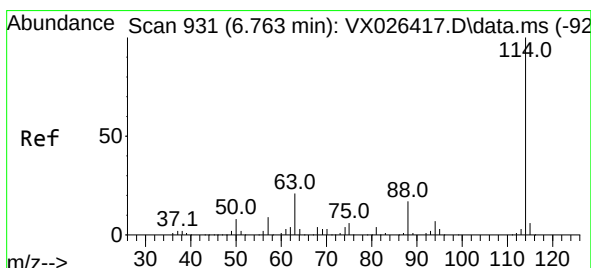
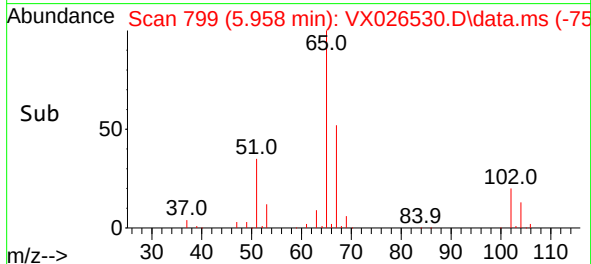
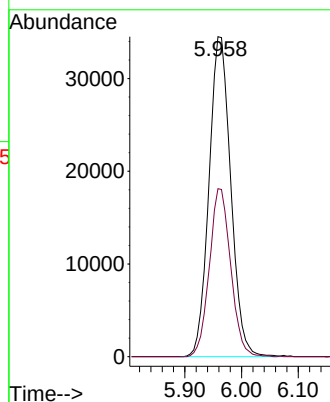
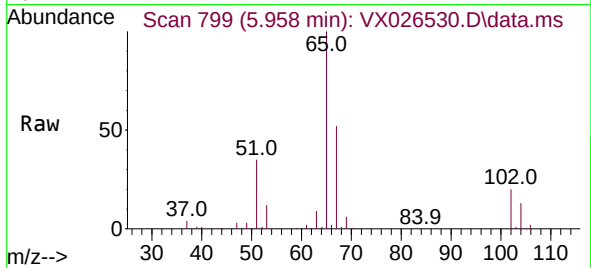




#33
 1,2-Dichloroethane-d4
 Concen: 49.367 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX026530.D
 Acq: 20 Jan 2022 13:58

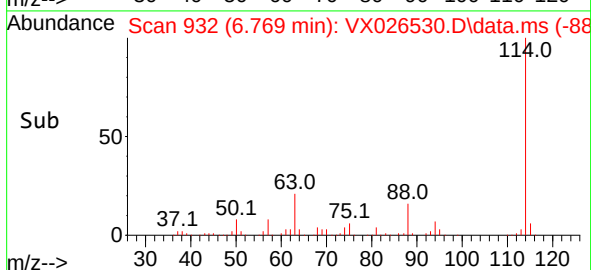
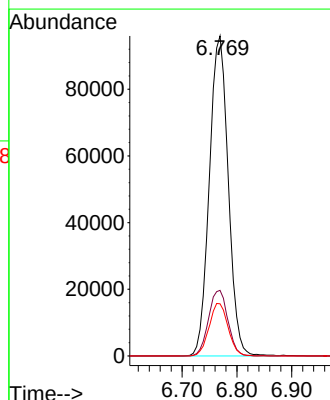
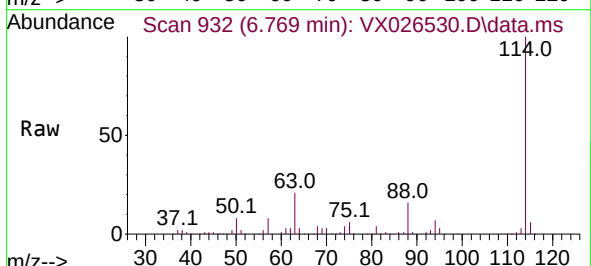
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142135ZHE#04

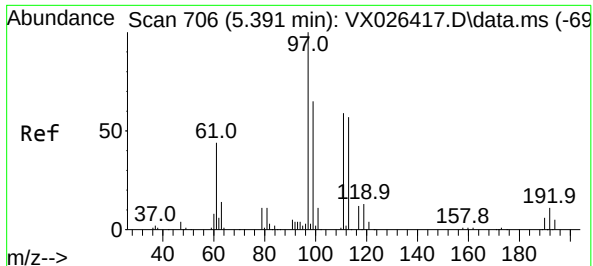
Tgt Ion: 65 Resp: 92053
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.006 min
 Lab File: VX026530.D
 Acq: 20 Jan 2022 13:58

Tgt Ion: 114 Resp: 229289
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.8
 88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.574 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026530.D

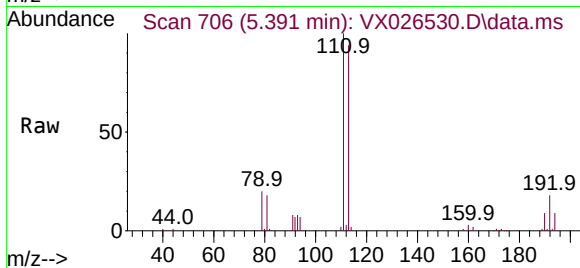
Acq: 20 Jan 2022 13:58

Instrument :

MSVOA_X

ClientSampleId :

PB142135ZHE#04



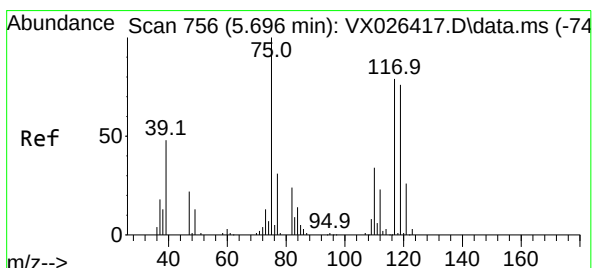
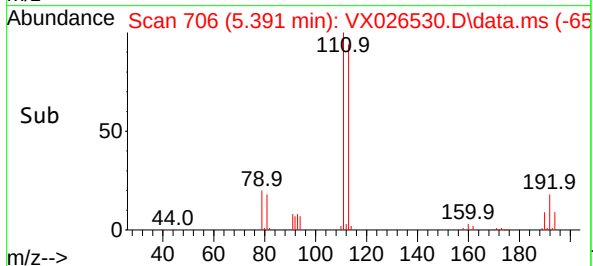
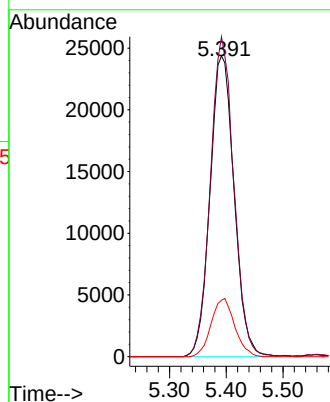
Tgt Ion:113 Resp: 71922

Ion Ratio Lower Upper

113 100

111 103.6 81.2 121.8

192 18.9 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.558 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX026530.D

Acq: 20 Jan 2022 13:58

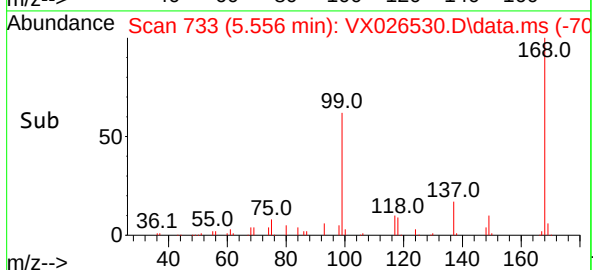
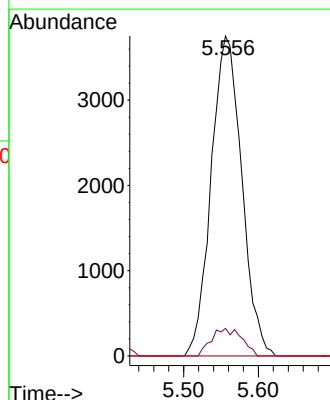
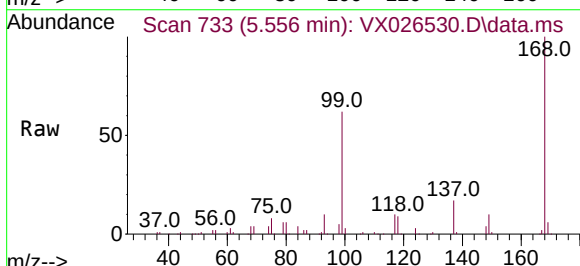
Tgt Ion: 75 Resp: 10655

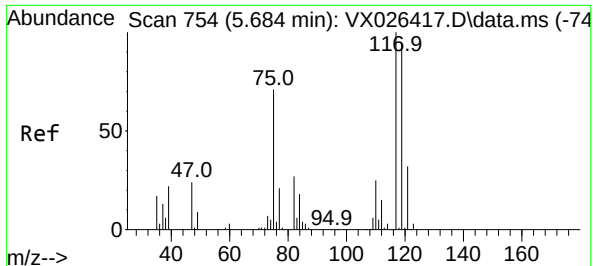
Ion Ratio Lower Upper

75 100

110 8.6 17.2 51.6#

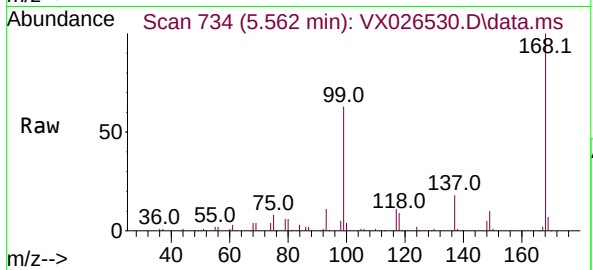
77 0.0 24.6 36.8#



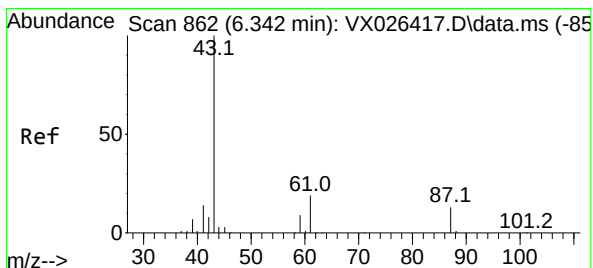
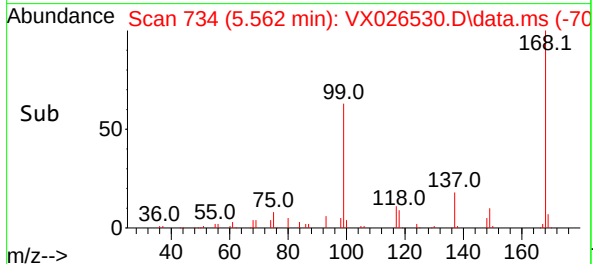
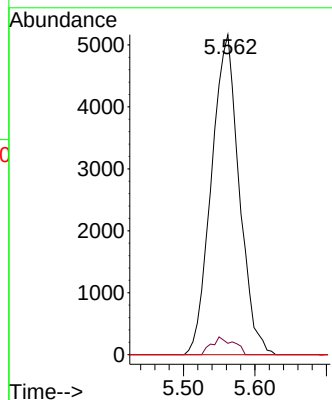


#38
Carbon Tetrachloride
Concen: 5.794 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX026530.D
Acq: 20 Jan 2022 13:58

Instrument :
MSVOA_X
ClientSampleId :
PB142135ZHE#04

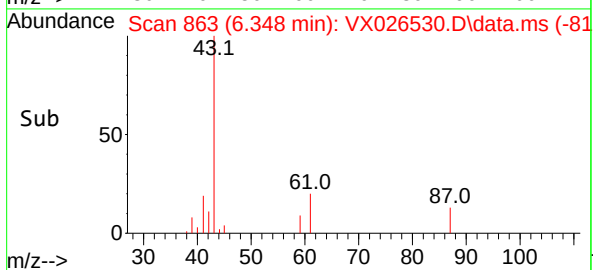
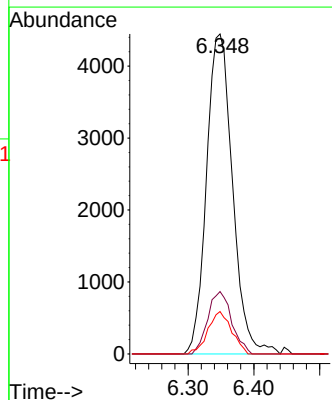
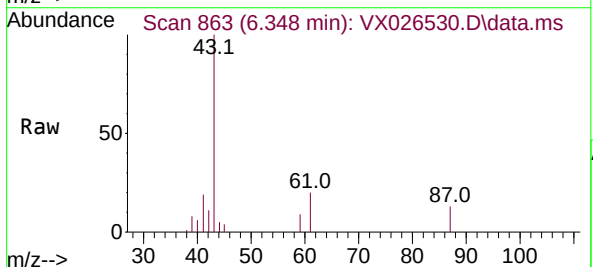


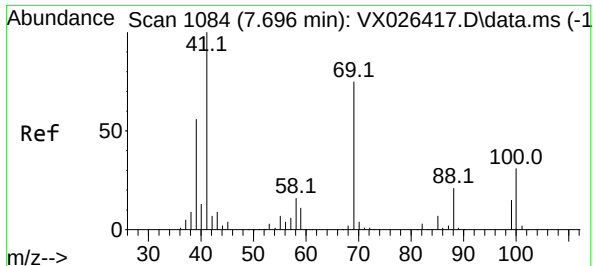
Tgt Ion:117 Resp: 13932
Ion Ratio Lower Upper
117 100
119 3.6 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 3.204 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX026530.D
Acq: 20 Jan 2022 13:58

Tgt Ion: 43 Resp: 12236
Ion Ratio Lower Upper
43 100
61 18.0 15.4 23.0
87 12.1 10.2 15.2





#48

Methyl methacrylate

Concen: 34.162 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX026530.D

Acq: 20 Jan 2022 13:58

Instrument :

MSVOA_X

ClientSampleId :

PB142135ZHE#04

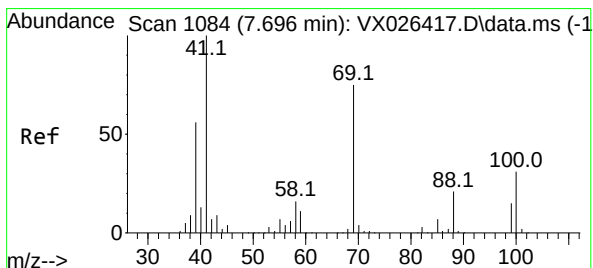
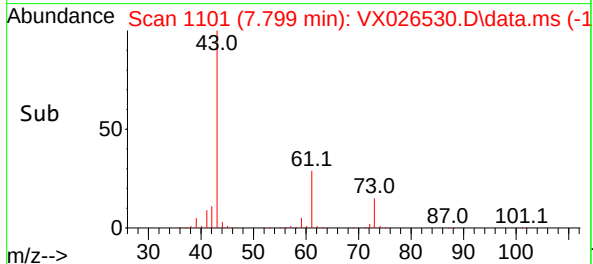
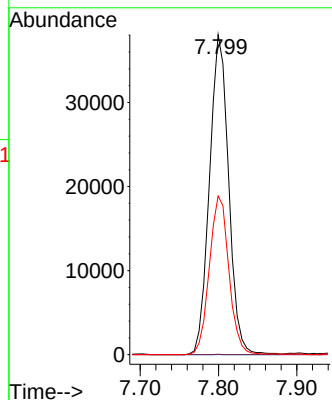
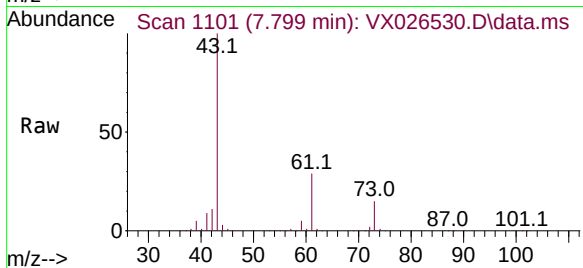
Tgt Ion: 41 Resp: 64665

Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.4#

39 50.7 45.4 68.0



#49

1,4-Dioxane

Concen: 2.511 ug/l

RT: 7.787 min Scan# 1099

Delta R.T. 0.092 min

Lab File: VX026530.D

Acq: 20 Jan 2022 13:58

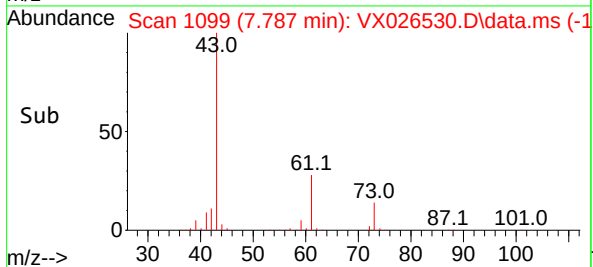
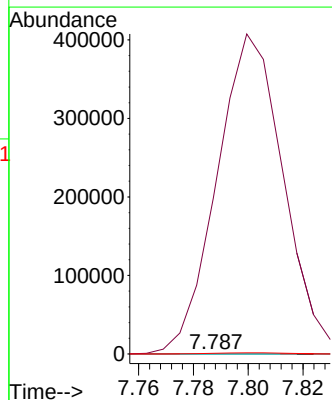
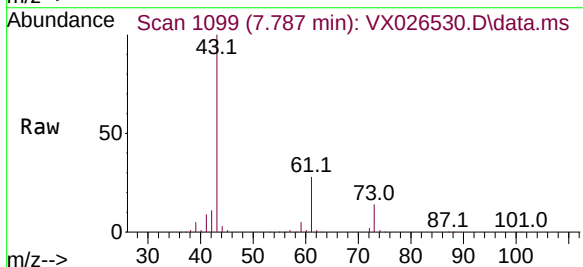
Tgt Ion: 88 Resp: 78

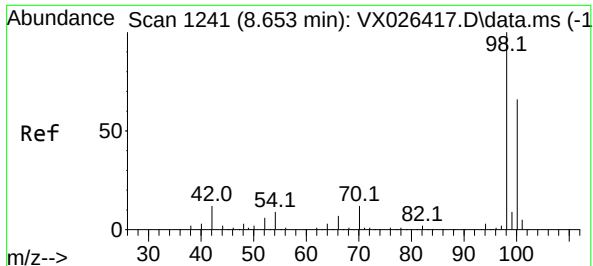
Ion Ratio Lower Upper

88 100

43 889037.2 29.9 44.9#

58 3462.8 57.8 86.6#

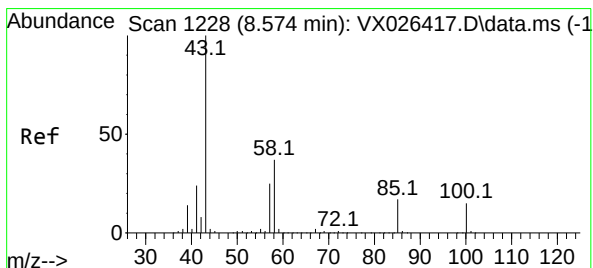
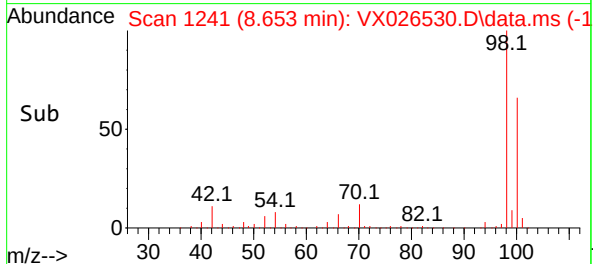
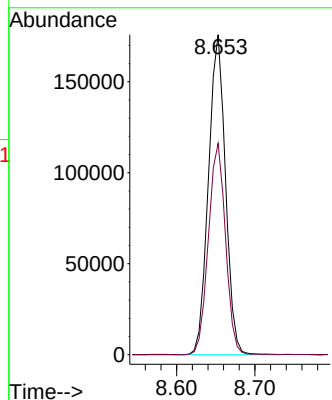
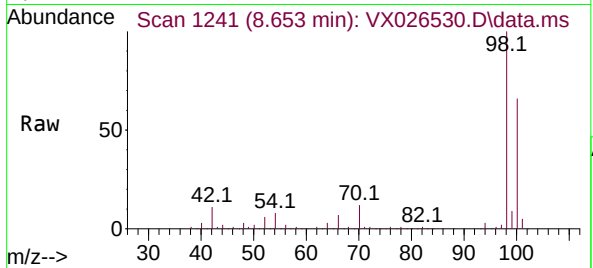




#50
Toluene-d8
Concen: 49.671 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026530.D
Acq: 20 Jan 2022 13:58

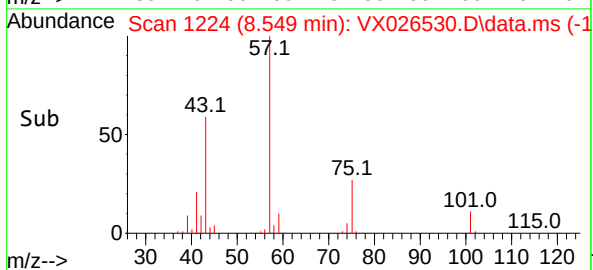
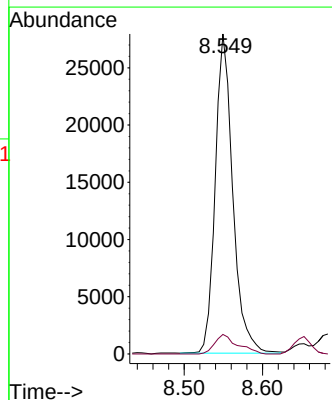
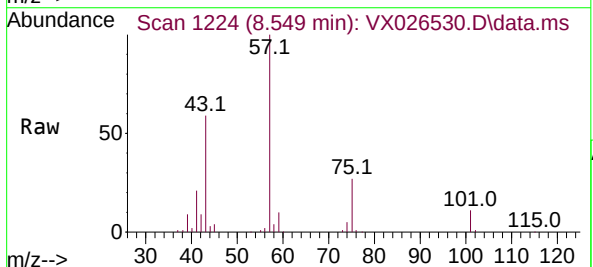
Instrument :
MSVOA_X
ClientSampleId :
PB142135ZHE#04

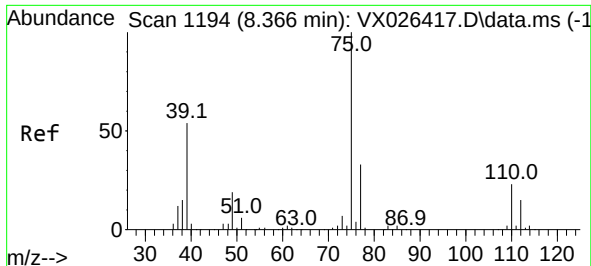
Tgt Ion: 98 Resp: 265032
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 19.171 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX026530.D
Acq: 20 Jan 2022 13:58

Tgt Ion: 43 Resp: 43432
Ion Ratio Lower Upper
43 100
58 7.9 30.5 45.7#

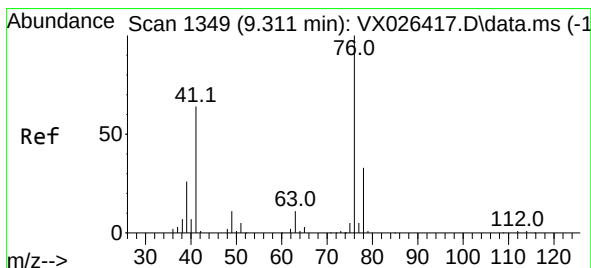
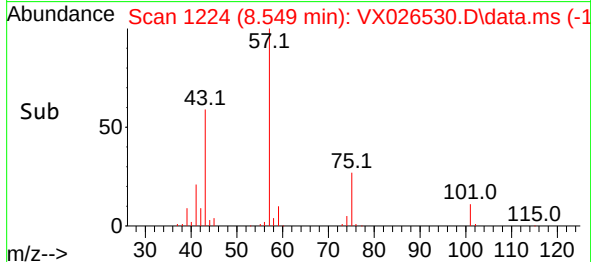
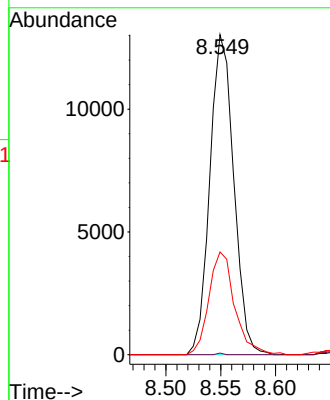
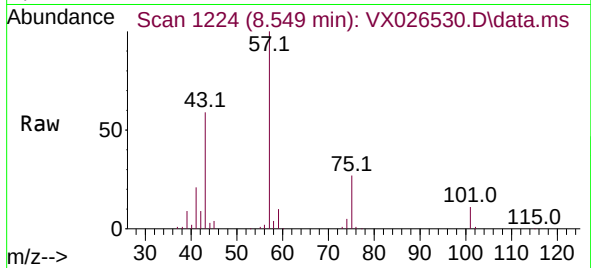




#54
 cis-1,3-Dichloropropene
 Concen: 8.006 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX026530.D
 Acq: 20 Jan 2022 13:58

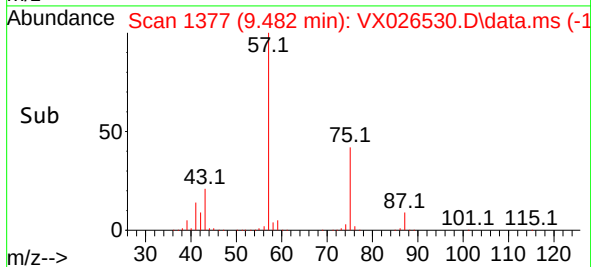
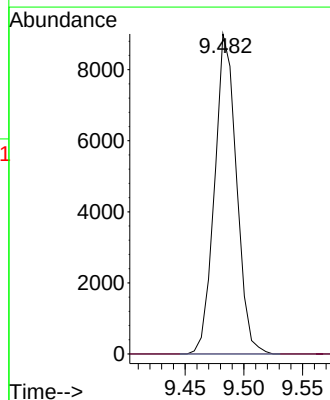
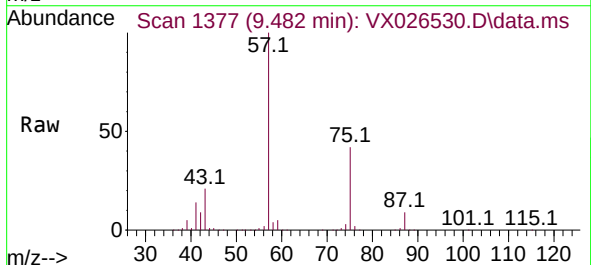
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142135ZHE#04

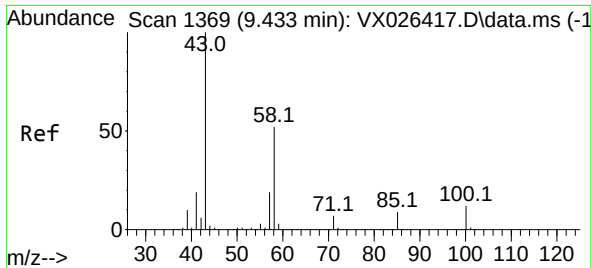
Tgt Ion: 75 Resp: 19752
 Ion Ratio Lower Upper
 75 100
 77 0.5 26.2 39.2#
 39 32.1 43.5 65.3#



#57
 1,3-Dichloropropane
 Concen: 4.362 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX026530.D
 Acq: 20 Jan 2022 13:58

Tgt Ion: 76 Resp: 11691
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#





#59

2-Hexanone

Concen: 96.192 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.049 min

Lab File: VX026530.D

Acq: 20 Jan 2022 13:58

Instrument :

MSVOA_X

ClientSampleId :

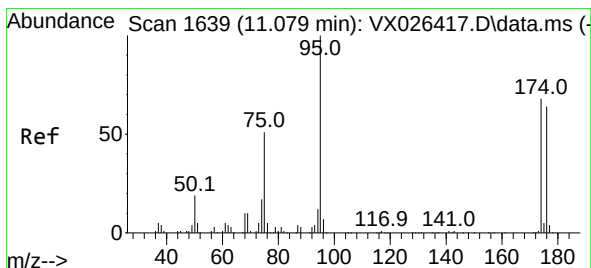
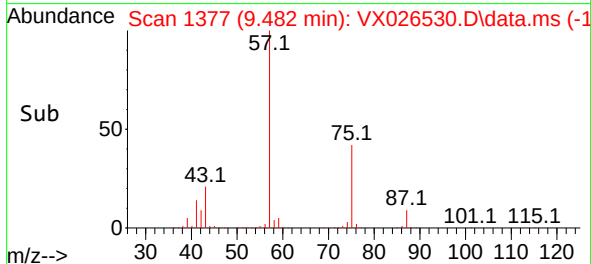
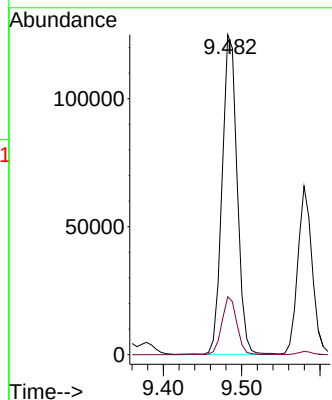
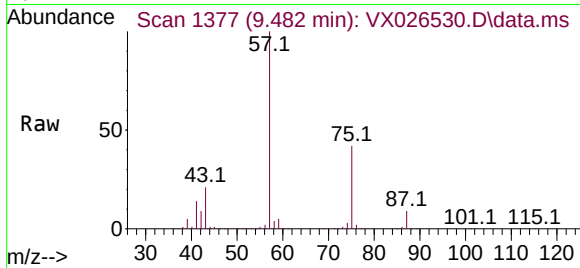
PB142135ZHE#04

Tgt Ion: 43 Resp: 166791

Ion Ratio Lower Upper

43 100

58 18.0 26.4 79.2#



#62

4-Bromofluorobenzene

Concen: 48.957 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026530.D

Acq: 20 Jan 2022 13:58

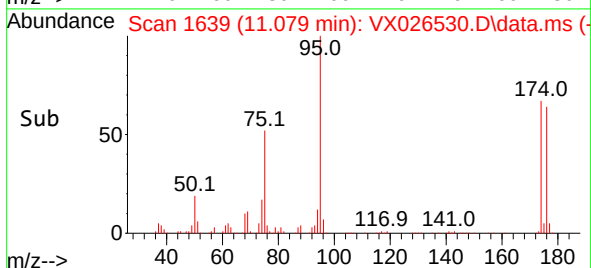
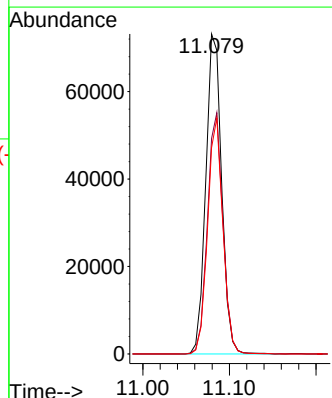
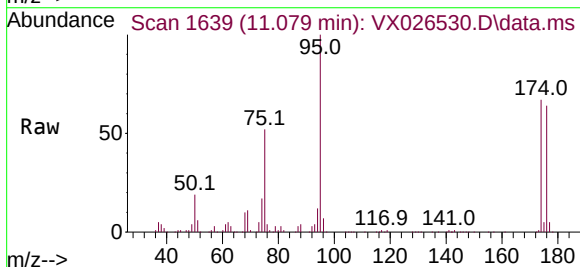
Tgt Ion: 95 Resp: 92796

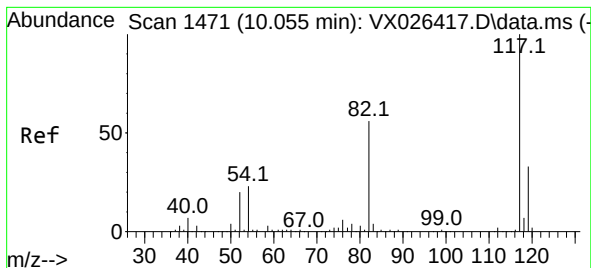
Ion Ratio Lower Upper

95 100

174 74.1 0.0 148.6

176 71.2 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: VX026530.D

Acq: 20 Jan 2022 13:58

Instrument :

MSVOA_X

ClientSampleId :

PB142135ZHE#04

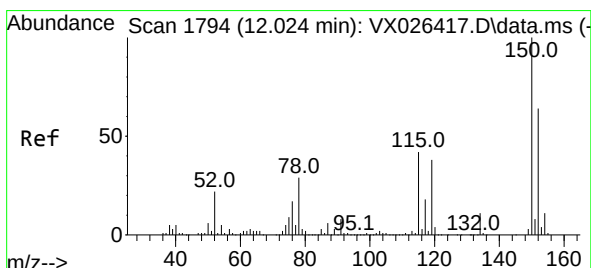
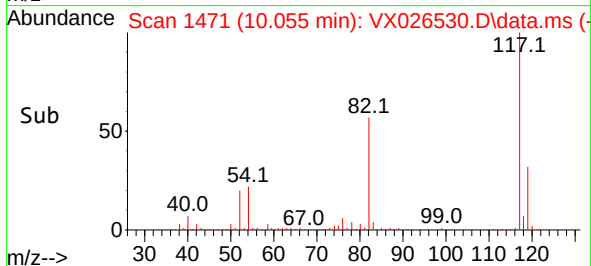
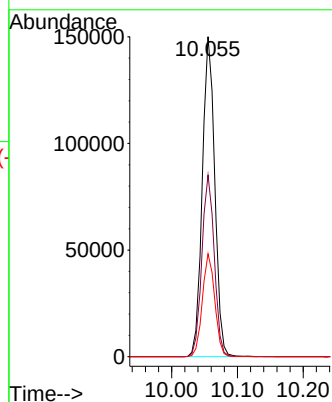
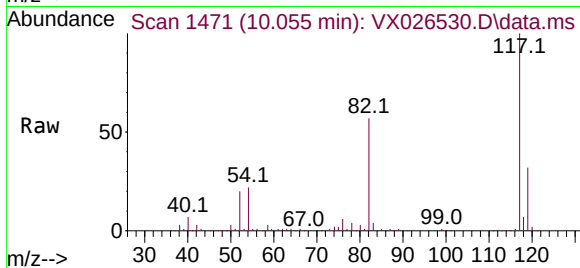
Tgt Ion:117 Resp: 197425

Ion Ratio Lower Upper

117 100

82 56.8 45.2 67.8

119 32.2 26.2 39.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX026530.D

Acq: 20 Jan 2022 13:58

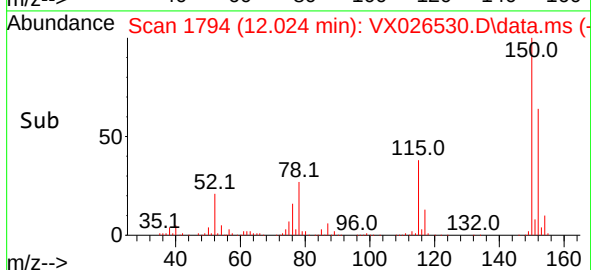
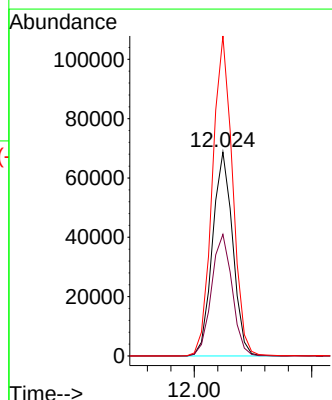
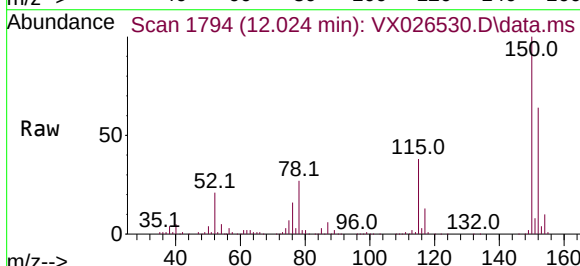
Tgt Ion:152 Resp: 82063

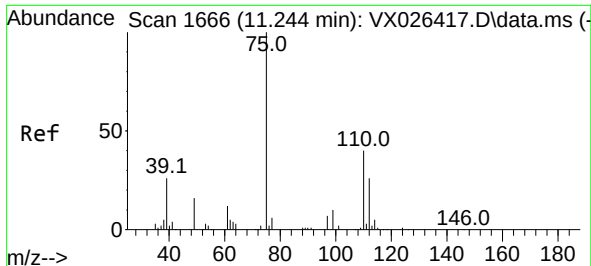
Ion Ratio Lower Upper

152 100

115 61.0 44.2 132.6

150 156.5 0.0 348.2

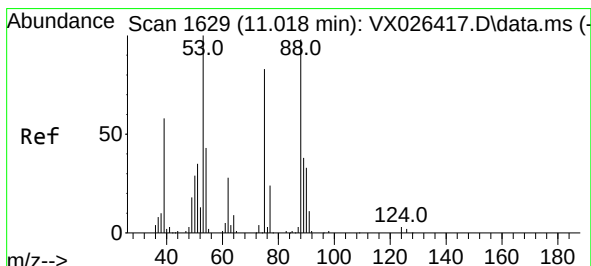
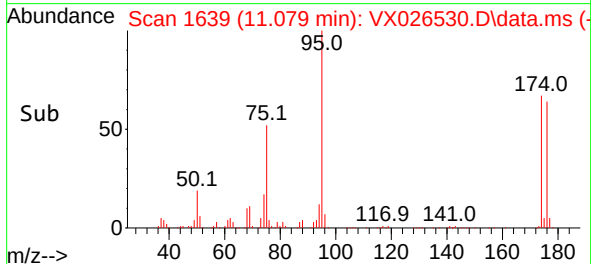
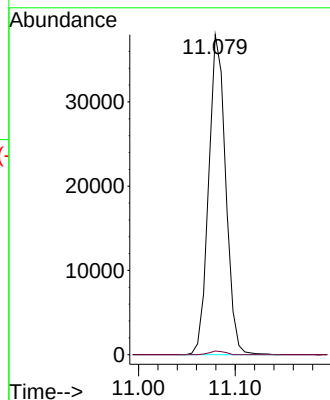
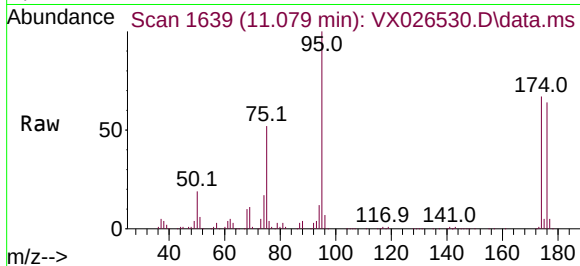




#76
1,2,3-Trichloropropane
Concen: 25.756 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026530.D
Acq: 20 Jan 2022 13:58

Instrument :
MSVOA_X
ClientSampleId :
PB142135ZHE#04

Tgt Ion: 75 Resp: 46538
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.139 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026530.D
Acq: 20 Jan 2022 13:58

Tgt Ion: 75 Resp: 46538
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

