

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020322\
 Data File : VX026760.D
 Acq On : 03 Feb 2022 16:02
 Operator : JC/MD
 Sample : PB142440ZHE#03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142440ZHE#03

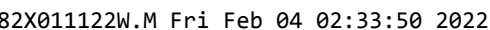
Quant Time: Feb 04 02:33:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	117058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	201273	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	170939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	75931	46.435	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.860%
35) Dibromofluoromethane	5.391	113	62709	48.247	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.500%
50) Toluene-d8	8.653	98	226260	48.307	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.620%
62) 4-Bromofluorobenzene	11.085	95	81267	48.843	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.680%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	288	0.227	ug/l #	42
5) Bromomethane	1.617	94	154	0.251	ug/l	83
10) Methyl Iodide	2.465	142	50	4.478	ug/l #	37
11) Tert butyl alcohol	2.946	59	874	3.842	ug/l #	75
16) Acetone	2.385	43	9021	10.818	ug/l	99
18) Methyl Acetate	2.715	43	2076	1.252	ug/l	98
20) Methylene Chloride	2.794	84	3265	2.370	ug/l	94
25) 2-Butanone	4.568	43	1703	1.570	ug/l #	89
31) Cyclohexane	5.549	56	2278	0.944	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8871	4.323	ug/l #	50
38) Carbon Tetrachloride	5.556	117	11854	5.616	ug/l #	18
43) Isopropyl Acetate	6.348	43	22241	6.634	ug/l	100
48) Methyl methacrylate	7.805	41	112320	67.598	ug/l #	45
49) 1,4-Dioxane	7.805	88	203	7.445	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	76953	38.696	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	36888	17.033	ug/l #	56
57) 1,3-Dichloropropane	9.488	76	21183	9.003	ug/l #	43
59) 2-Hexanone	9.488	43	292651	192.270	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	38731	23.335	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	1869	0.367	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.079	75	38731	71.261	ug/l #	3

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

Quant Time: Feb 04 02:33:47 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

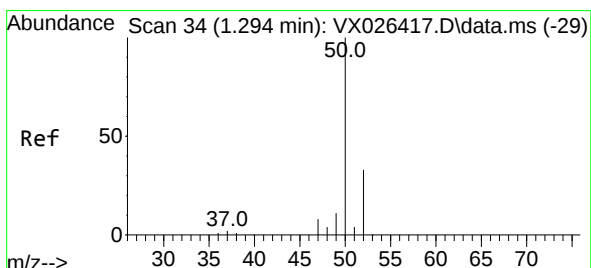
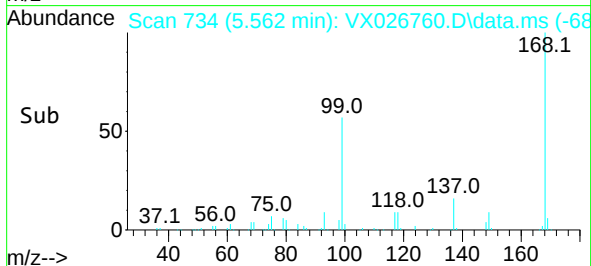
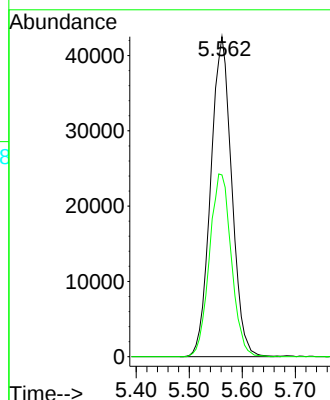
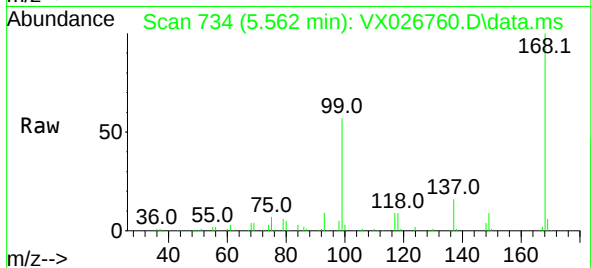




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026760.D
Acq: 03 Feb 2022 16:02

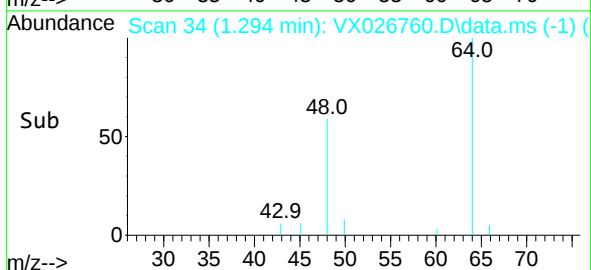
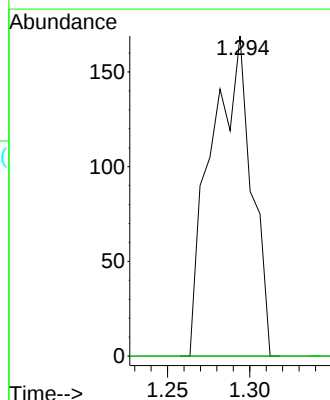
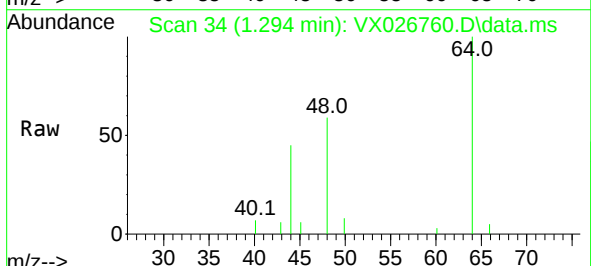
Instrument :
MSVOA_X
ClientSampleId :
PB142440ZHE#03

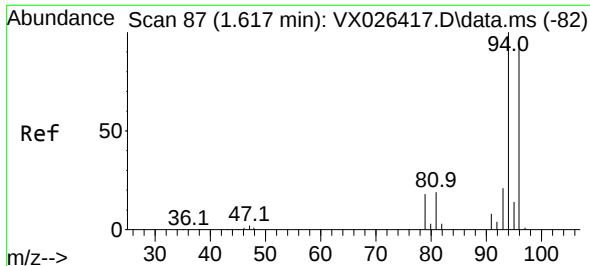
Tgt Ion:168 Resp: 117058
Ion Ratio Lower Upper
168 100
99 56.8 50.3 75.5



#3
Chloromethane
Concen: 0.227 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX026760.D
Acq: 03 Feb 2022 16:02

Tgt Ion: 50 Resp: 288
Ion Ratio Lower Upper
50 100
52 0.0 26.1 39.1#

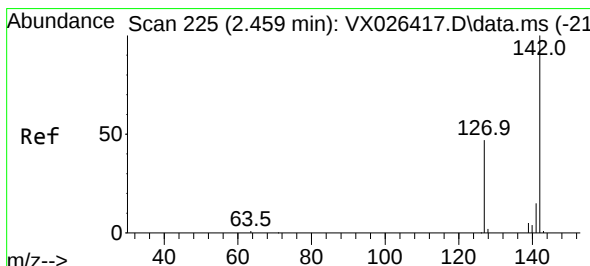
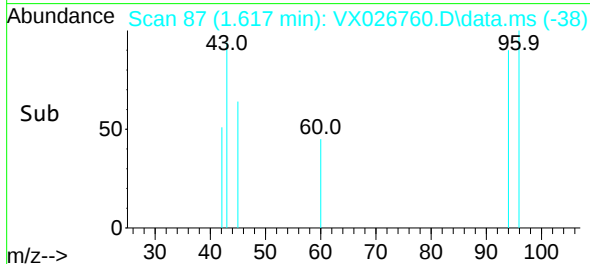
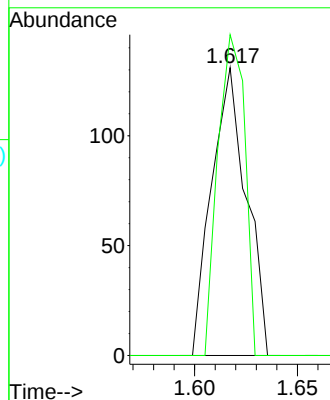
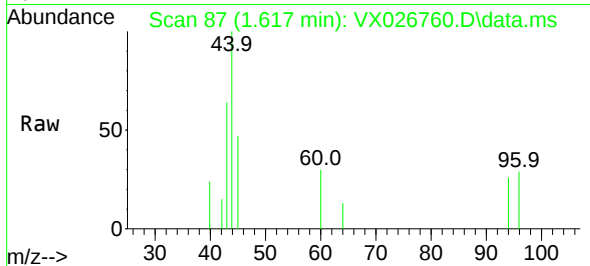




#5
Bromomethane
Concen: 0.251 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX026760.D
Acq: 03 Feb 2022 16:02

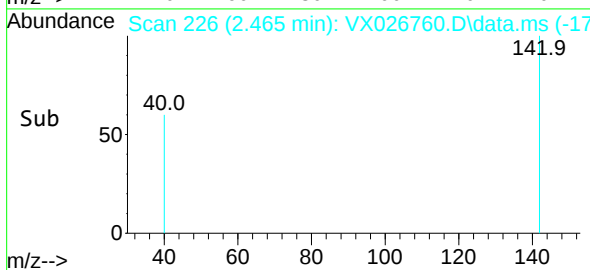
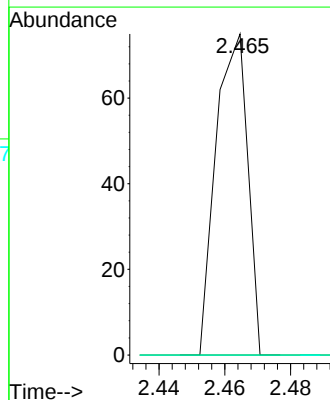
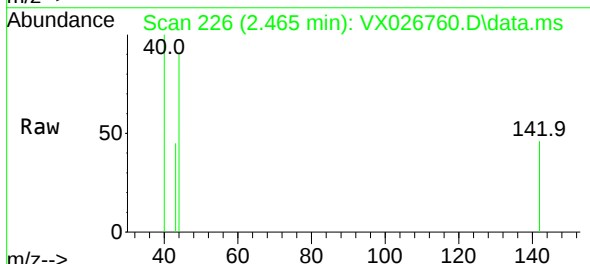
Instrument :
MSVOA_X
ClientSampleId :
PB142440ZHE#03

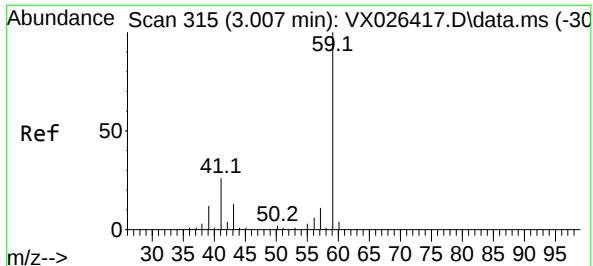
Tgt Ion: 94 Resp: 154
Ion Ratio Lower Upper
94 100
96 111.5 75.9 113.9



#10
Methyl Iodide
Concen: 4.478 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.006 min
Lab File: VX026760.D
Acq: 03 Feb 2022 16:02

Tgt Ion: 142 Resp: 50
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#

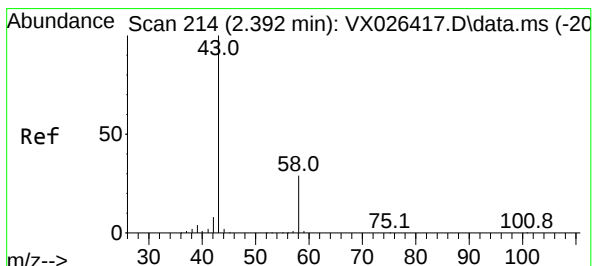
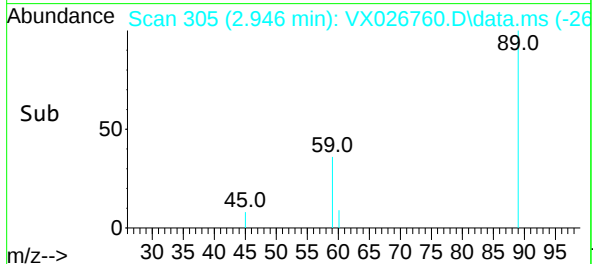
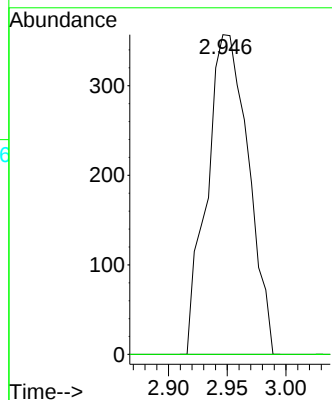
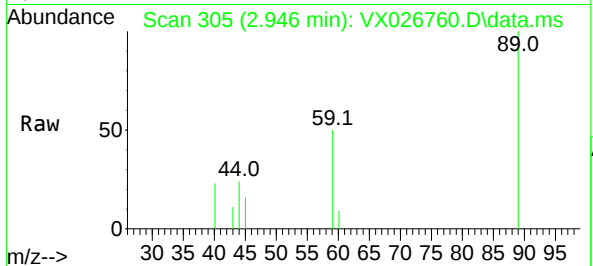




#11
Tert butyl alcohol
Concen: 3.842 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.061 min
Lab File: VX026760.D
Acq: 03 Feb 2022 16:02

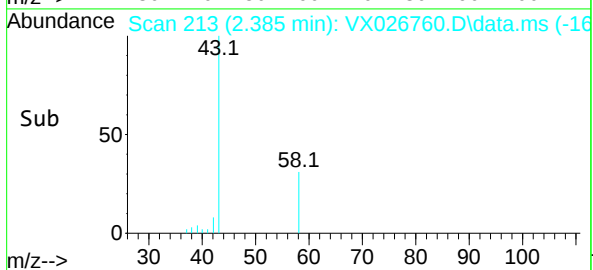
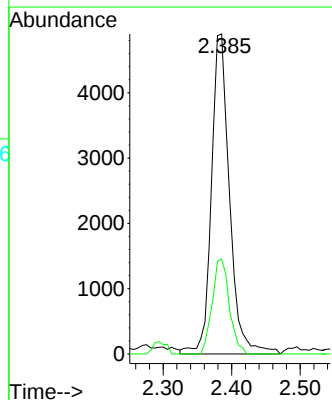
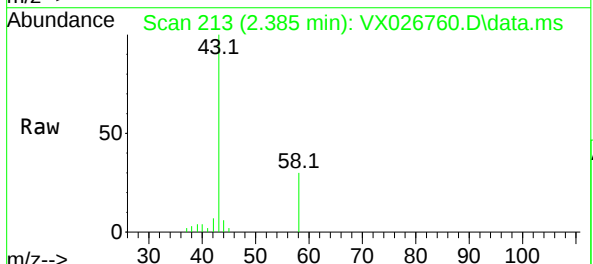
Instrument :
MSVOA_X
ClientSampleId :
PB142440ZHE#03

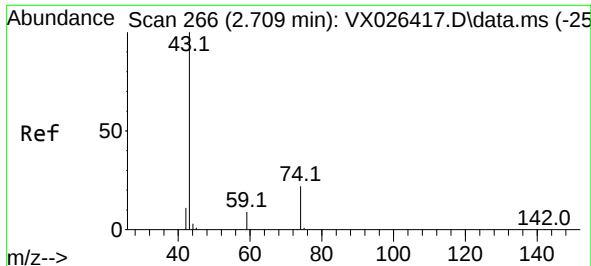
Tgt Ion: 59 Resp: 874
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



#16
Acetone
Concen: 10.818 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026760.D
Acq: 03 Feb 2022 16:02

Tgt Ion: 43 Resp: 9021
Ion Ratio Lower Upper
43 100
58 29.6 23.0 34.6





#18

Methyl Acetate

Concen: 1.252 ug/l

RT: 2.715 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX026760.D

Acq: 03 Feb 2022 16:02

Instrument :

MSVOA_X

ClientSampleId :

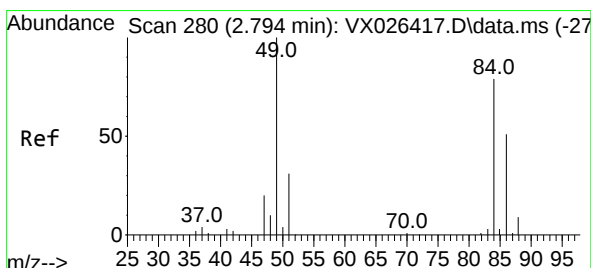
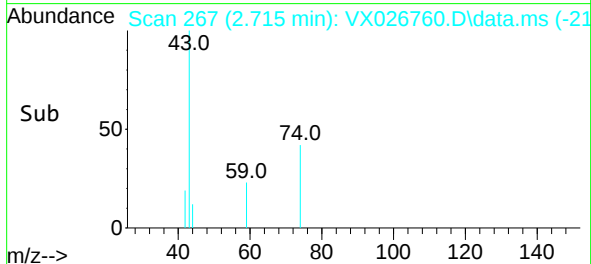
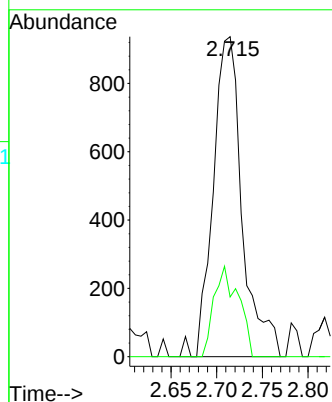
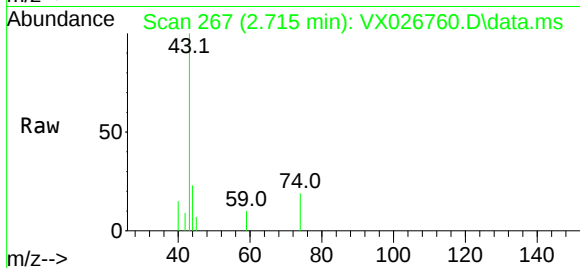
PB142440ZHE#03

Tgt Ion: 43 Resp: 2076

Ion Ratio Lower Upper

43 100

74 23.7 18.3 27.5



#20

Methylene Chloride

Concen: 2.370 ug/l

RT: 2.794 min Scan# 280

Delta R.T. -0.000 min

Lab File: VX026760.D

Acq: 03 Feb 2022 16:02

Tgt Ion: 84 Resp: 3265

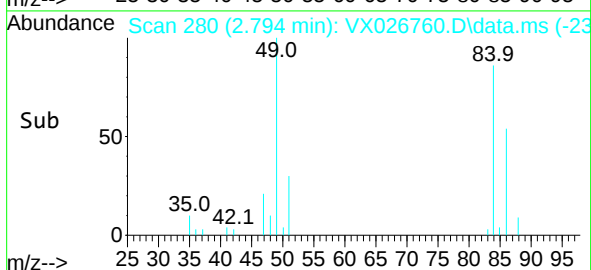
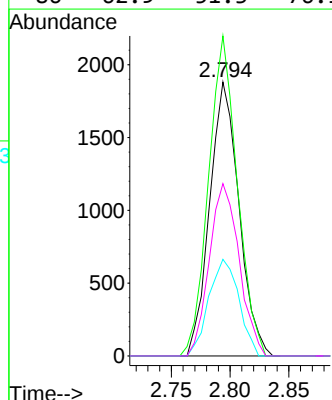
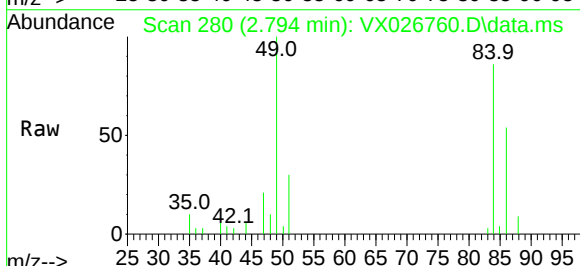
Ion Ratio Lower Upper

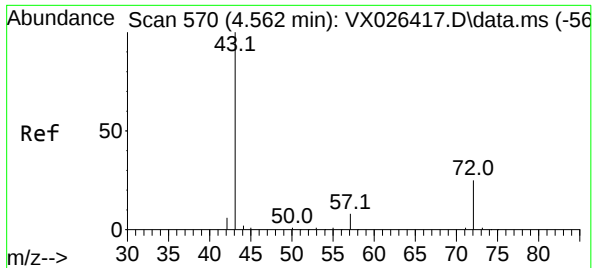
84 100

49 116.8 101.5 152.3

51 35.3 31.2 46.8

86 62.9 51.3 76.9





#25

2-Butanone

Concen: 1.570 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX026760.D

Acq: 03 Feb 2022 16:02

Instrument :

MSVOA_X

ClientSampleId :

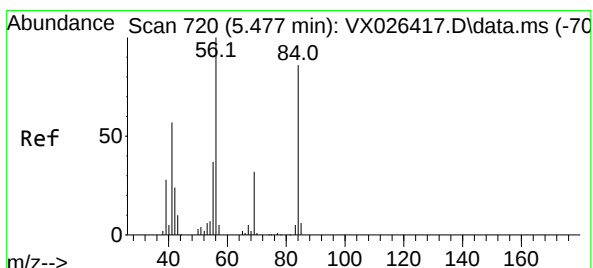
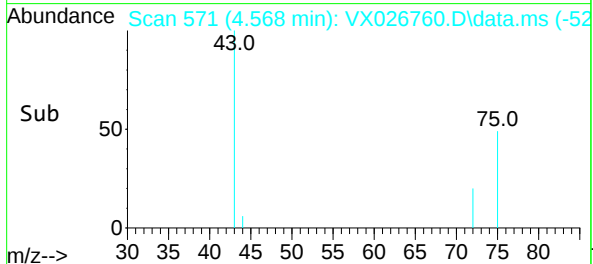
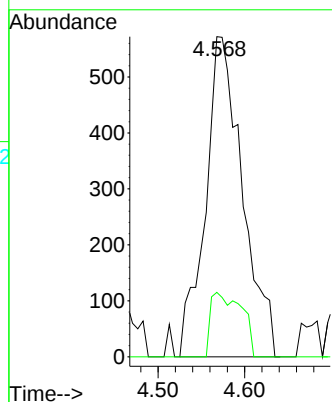
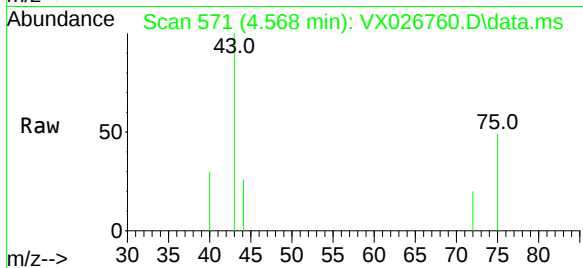
PB142440ZHE#03

Tgt Ion: 43 Resp: 1703

Ion Ratio Lower Upper

43 100

72 20.1 20.4 30.6#



#31

Cyclohexane

Concen: 0.944 ug/l

RT: 5.549 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX026760.D

Acq: 03 Feb 2022 16:02

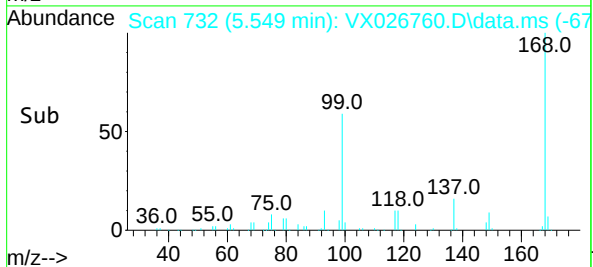
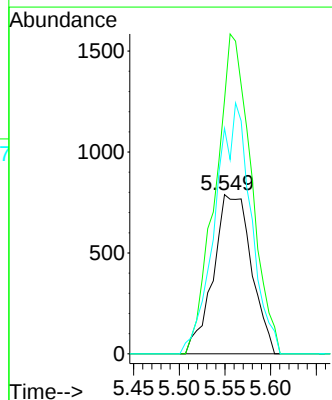
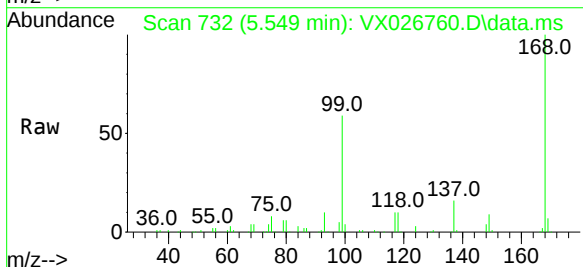
Tgt Ion: 56 Resp: 2278

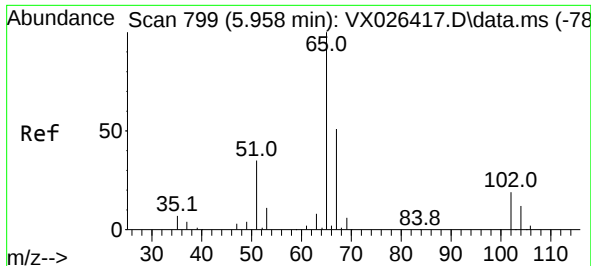
Ion Ratio Lower Upper

56 100

69 159.4 25.8 38.6#

84 141.6 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 46.435 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX026760.D

Acq: 03 Feb 2022 16:02

Instrument :

MSVOA_X

ClientSampleId :

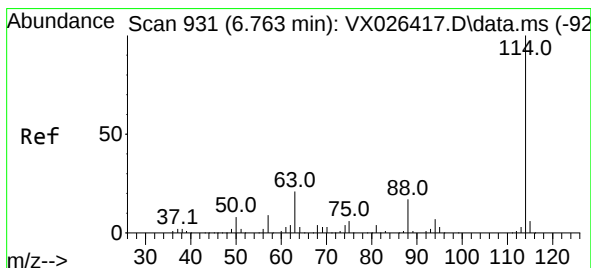
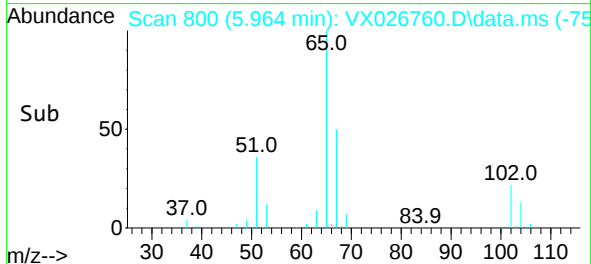
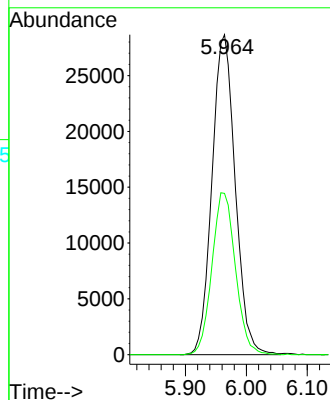
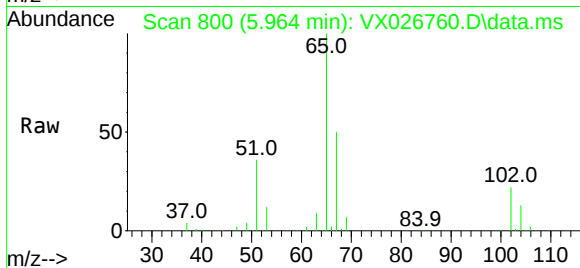
PB142440ZHE#03

Tgt Ion: 65 Resp: 75931

Ion Ratio Lower Upper

65 100

67 51.2 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: VX026760.D

Acq: 03 Feb 2022 16:02

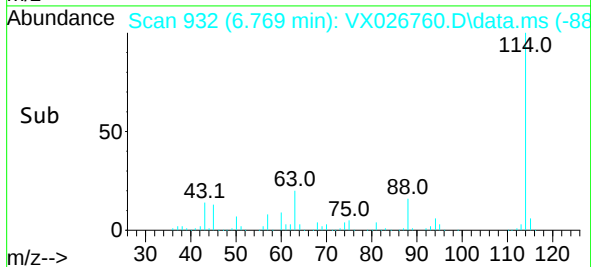
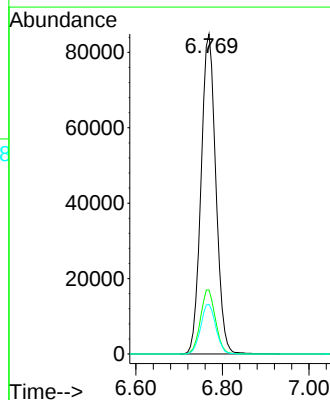
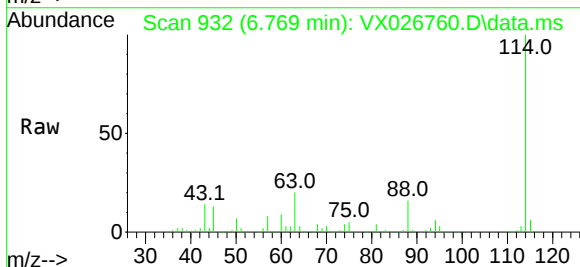
Tgt Ion: 114 Resp: 201273

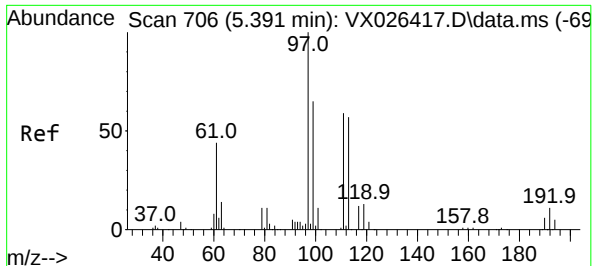
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.8

88 15.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.247 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX026760.D

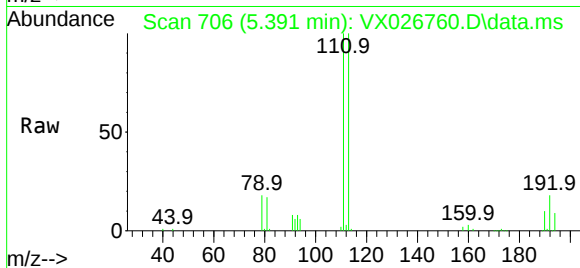
Acq: 03 Feb 2022 16:02

Instrument :

MSVOA_X

ClientSampleId :

PB142440ZHE#03



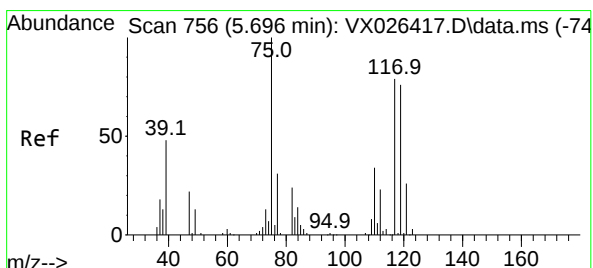
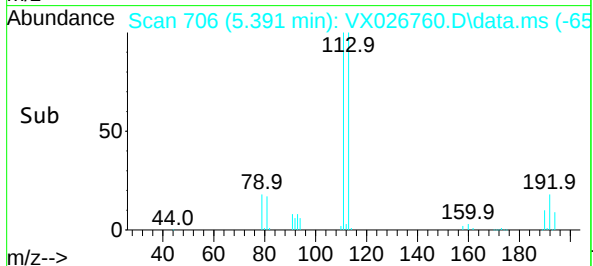
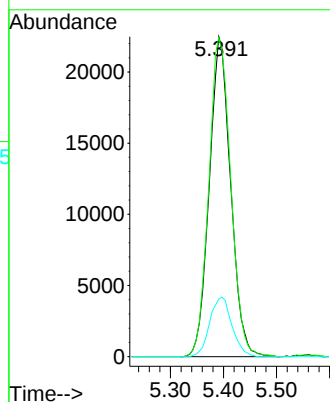
Tgt Ion:113 Resp: 62709

Ion Ratio Lower Upper

113 100

111 103.1 81.2 121.8

192 19.4 15.0 22.4



#36

1,1-Dichloropropene

Concen: 4.323 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.141 min

Lab File: VX026760.D

Acq: 03 Feb 2022 16:02

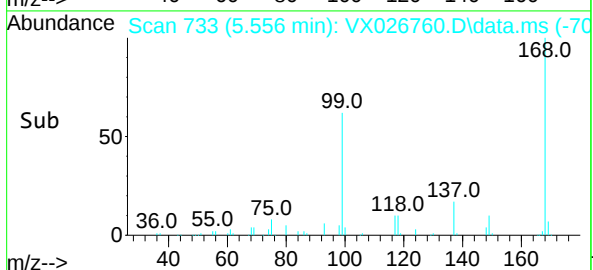
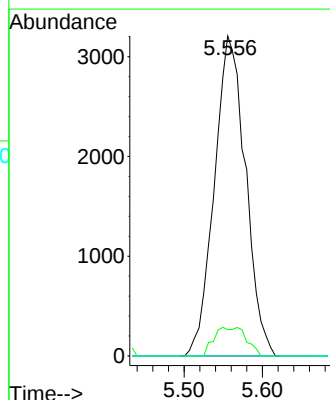
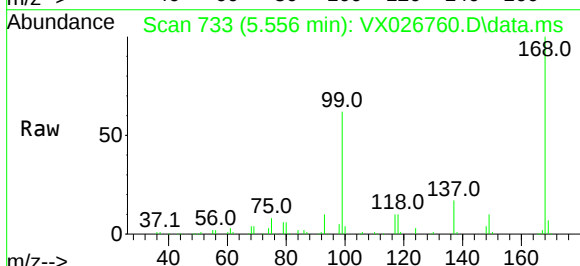
Tgt Ion: 75 Resp: 8871

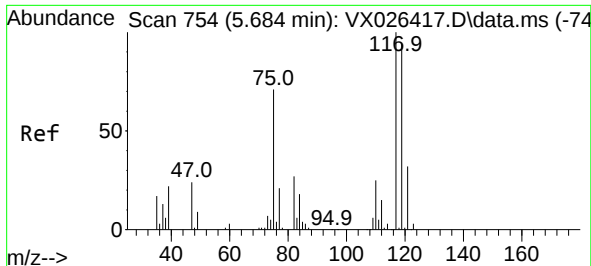
Ion Ratio Lower Upper

75 100

110 9.2 17.2 51.6#

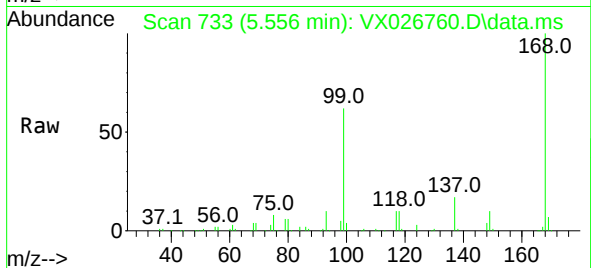
77 0.0 24.6 36.8#



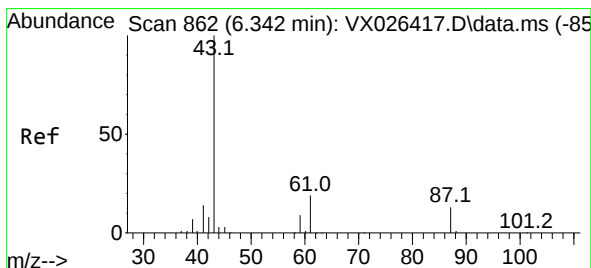
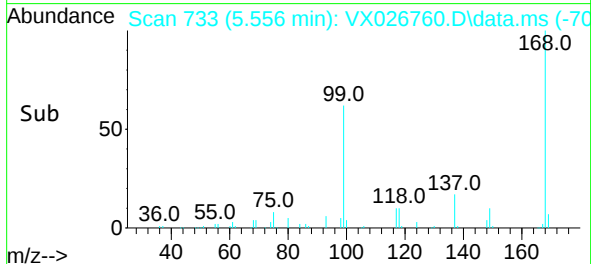
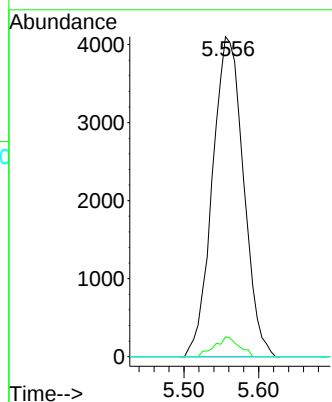


#38
Carbon Tetrachloride
Concen: 5.616 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026760.D
Acq: 03 Feb 2022 16:02

Instrument :
MSVOA_X
ClientSampleId :
PB142440ZHE#03

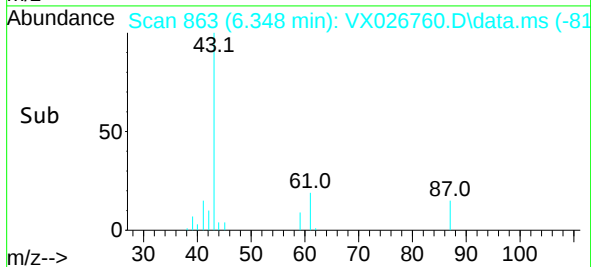
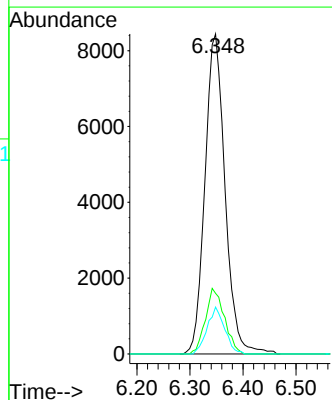
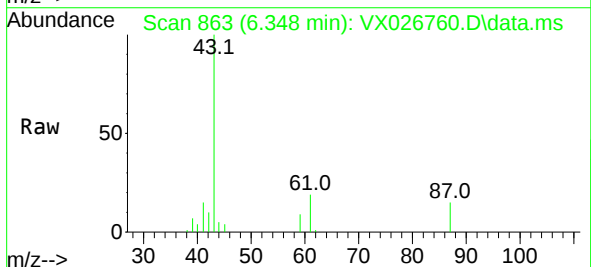


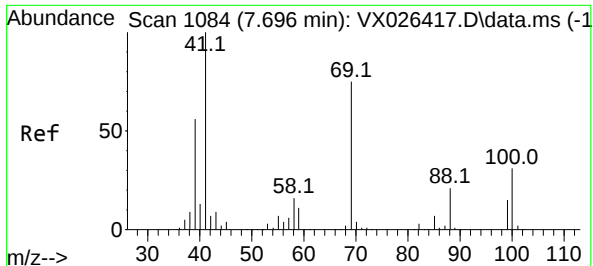
Tgt Ion:117 Resp: 11854
Ion Ratio Lower Upper
117 100
119 6.2 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 6.634 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX026760.D
Acq: 03 Feb 2022 16:02

Tgt Ion: 43 Resp: 22241
Ion Ratio Lower Upper
43 100
61 19.4 15.4 23.0
87 12.8 10.2 15.2

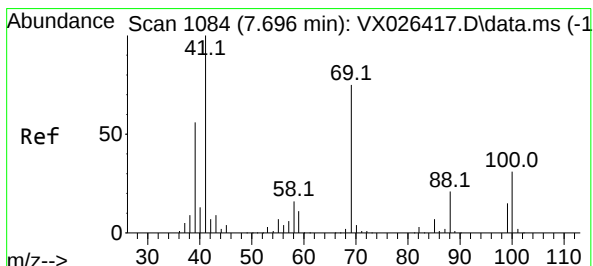
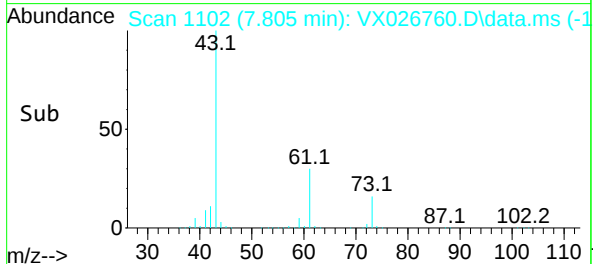
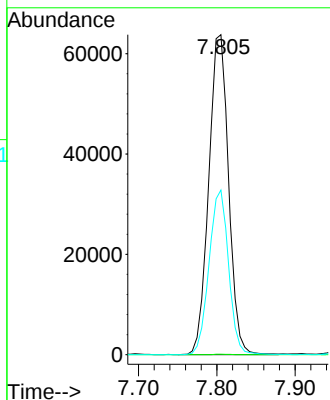
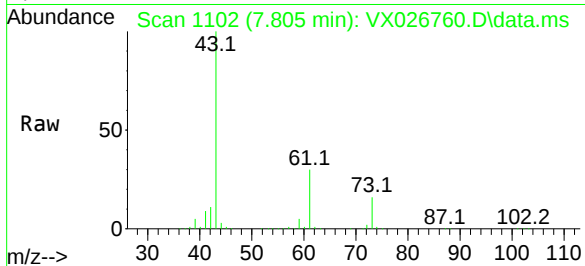




#48
Methyl methacrylate
Concen: 67.598 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.109 min
Lab File: VX026760.D
Acq: 03 Feb 2022 16:02

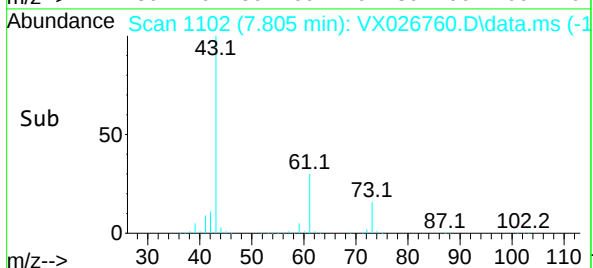
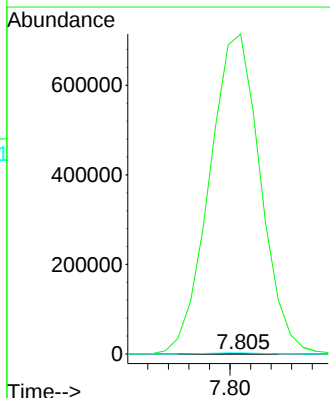
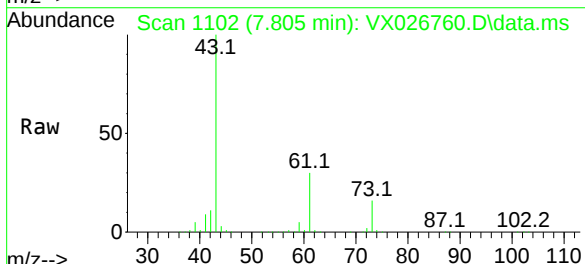
Instrument :
MSVOA_X
ClientSampleId :
PB142440ZHE#03

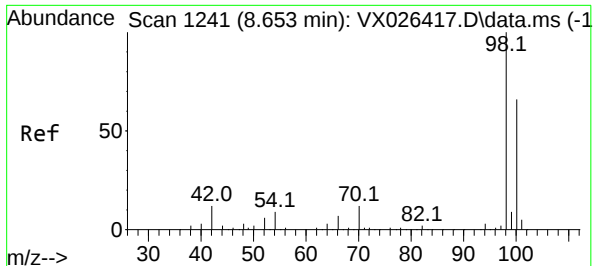
Tgt Ion: 41 Resp: 112320
Ion Ratio Lower Upper
41 100
69 0.1 62.2 93.4#
39 50.7 45.4 68.0



#49
1,4-Dioxane
Concen: 7.445 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. 0.109 min
Lab File: VX026760.D
Acq: 03 Feb 2022 16:02

Tgt Ion: 88 Resp: 203
Ion Ratio Lower Upper
88 100
43 609132.5 29.9 44.9#
58 2262.6 57.8 86.6#

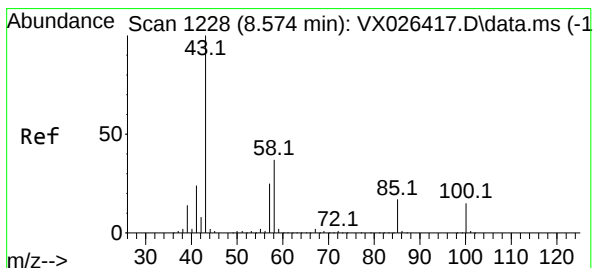
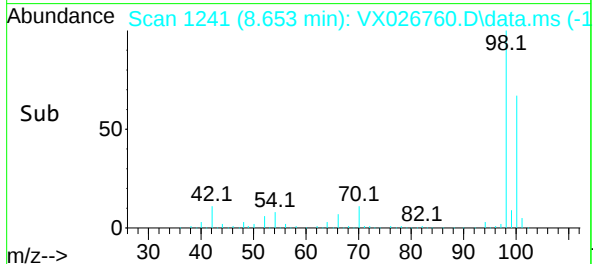
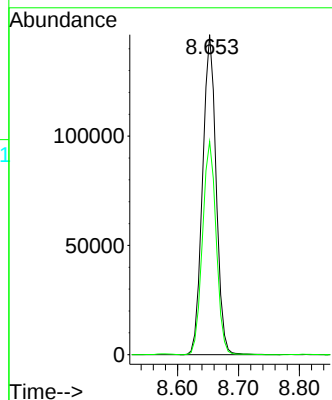
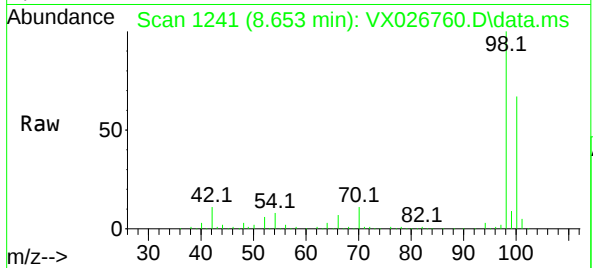




#50
Toluene-d8
Concen: 48.307 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026760.D
Acq: 03 Feb 2022 16:02

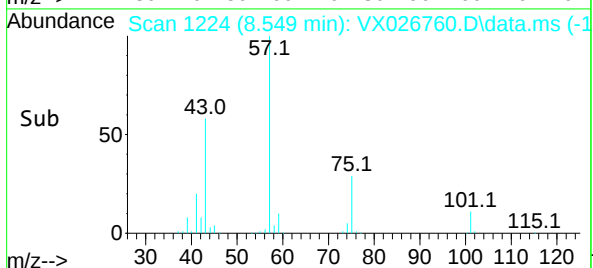
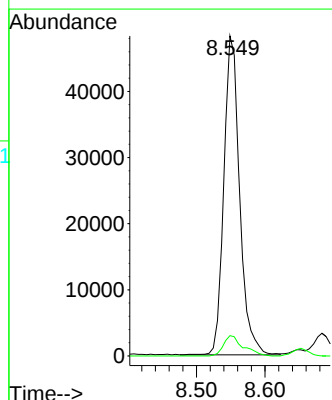
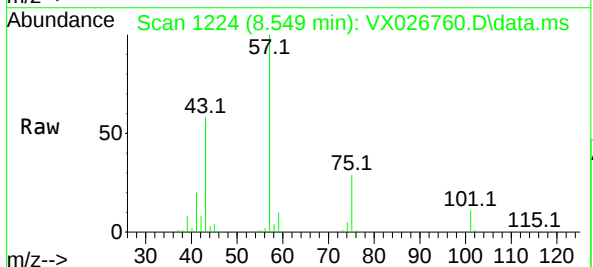
Instrument :
MSVOA_X
ClientSampleId :
PB142440ZHE#03

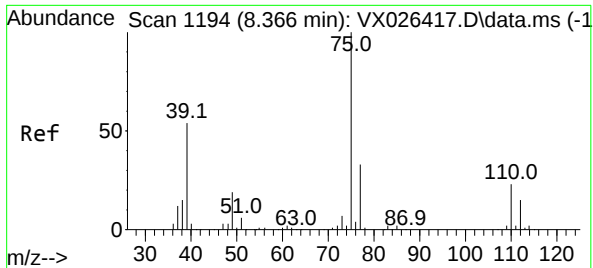
Tgt Ion: 98 Resp: 226260
Ion Ratio Lower Upper
98 100
100 67.3 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 38.696 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.025 min
Lab File: VX026760.D
Acq: 03 Feb 2022 16:02

Tgt Ion: 43 Resp: 76953
Ion Ratio Lower Upper
43 100
58 7.9 30.5 45.7#

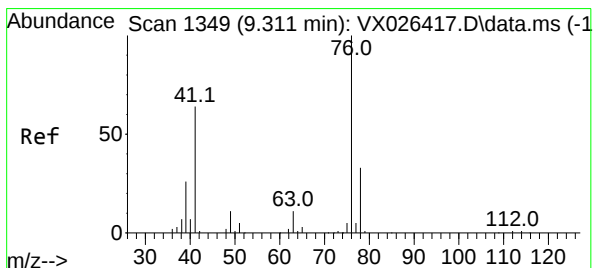
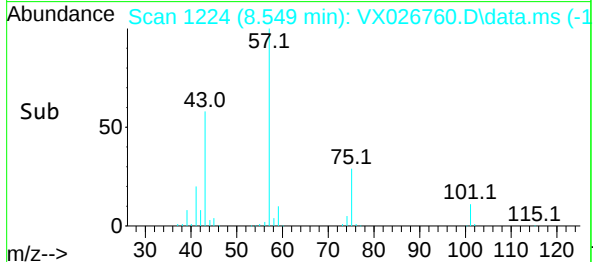
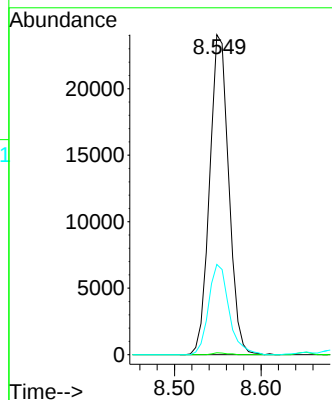
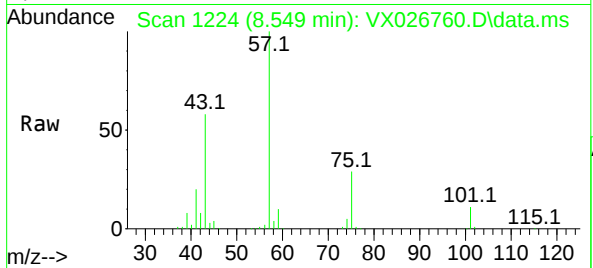




#54
 cis-1,3-Dichloropropene
 Concen: 17.033 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX026760.D
 Acq: 03 Feb 2022 16:02

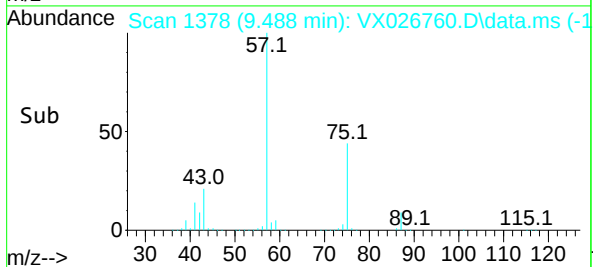
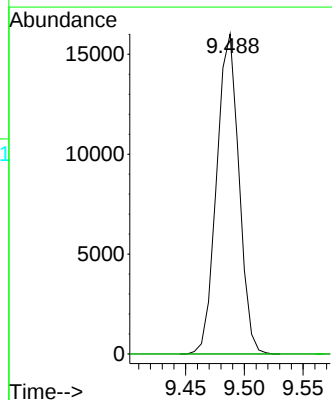
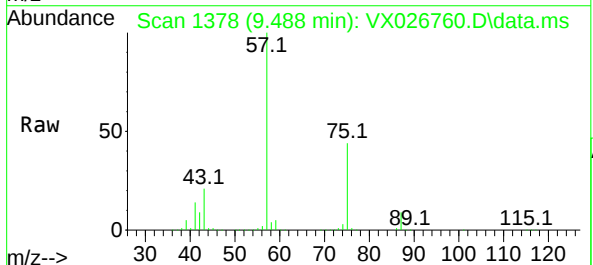
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142440ZHE#03

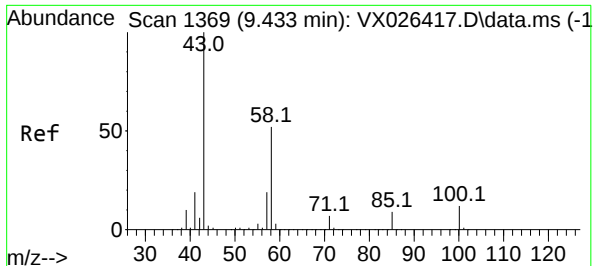
Tgt Ion: 75 Resp: 36888
 Ion Ratio Lower Upper
 75 100
 77 0.6 26.2 39.2#
 39 28.2 43.5 65.3#



#57
 1,3-Dichloropropane
 Concen: 9.003 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX026760.D
 Acq: 03 Feb 2022 16:02

Tgt Ion: 76 Resp: 21183
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#

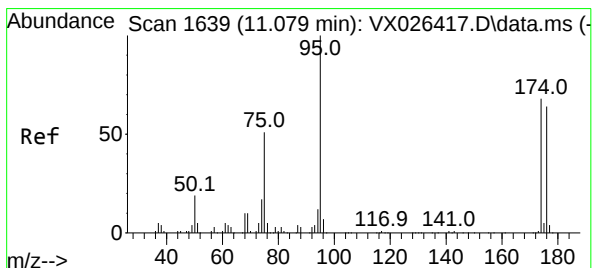
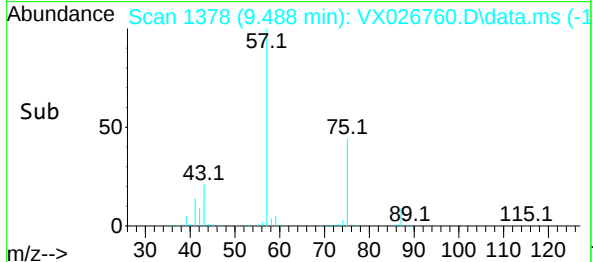
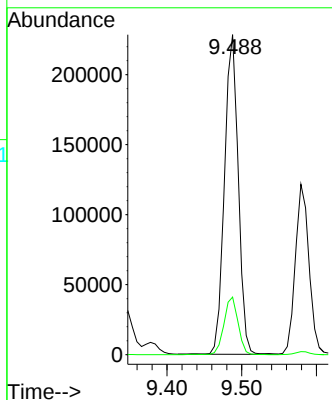
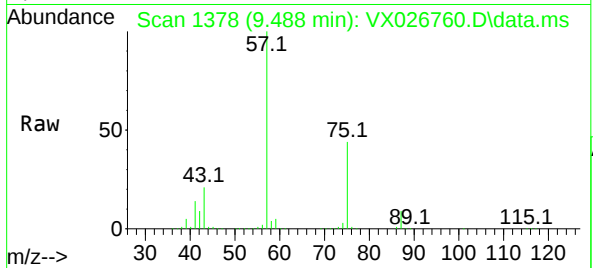




#59
2-Hexanone
Concen: 192.270 ug/l
RT: 9.488 min Scan# 11
Delta R.T. 0.055 min
Lab File: VX026760.D
Acq: 03 Feb 2022 16:02

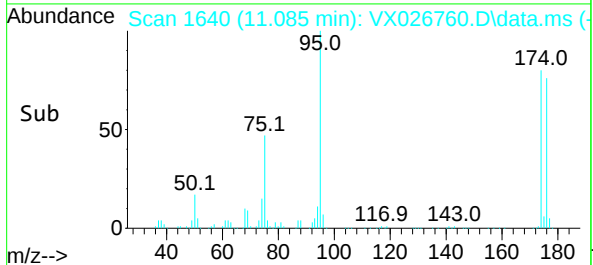
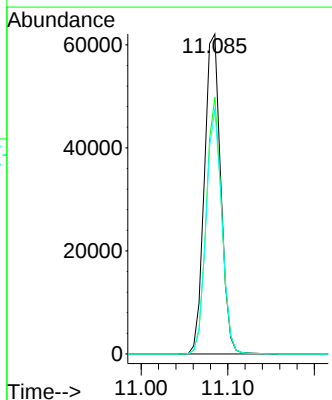
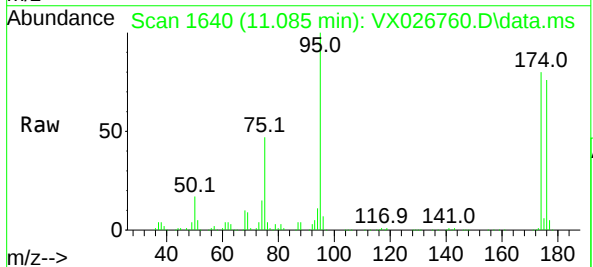
Instrument :
MSVOA_X
ClientSampleId :
PB142440ZHE#03

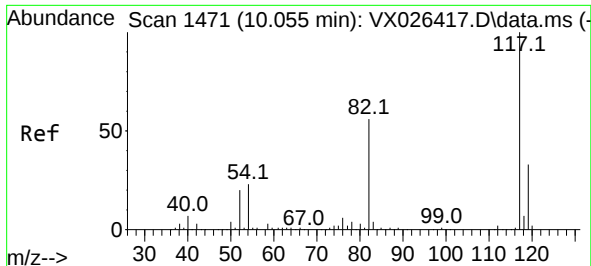
Tgt Ion: 43 Resp: 292651
Ion Ratio Lower Upper
43 100
58 18.4 26.4 79.2#



#62
4-Bromofluorobenzene
Concen: 48.843 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX026760.D
Acq: 03 Feb 2022 16:02

Tgt Ion: 95 Resp: 81267
Ion Ratio Lower Upper
95 100
174 75.9 0.0 148.6
176 74.2 0.0 141.4

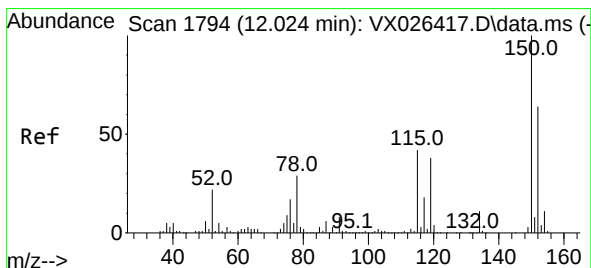
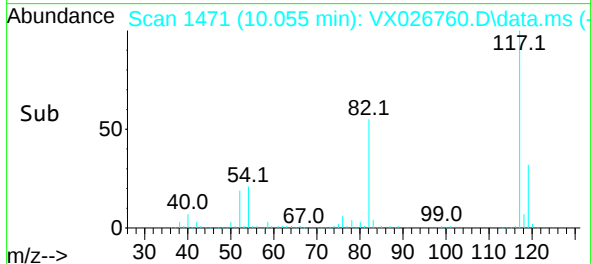
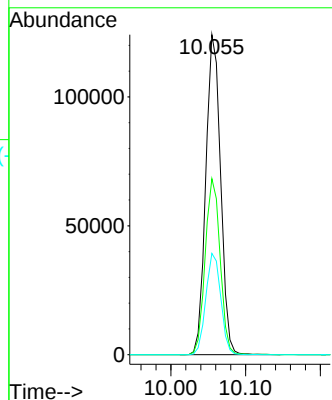
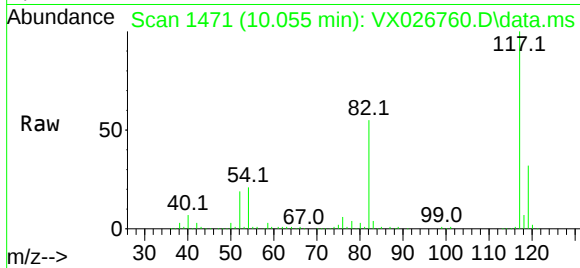




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026760.D
Acq: 03 Feb 2022 16:02

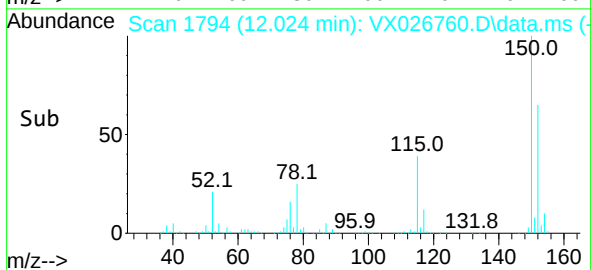
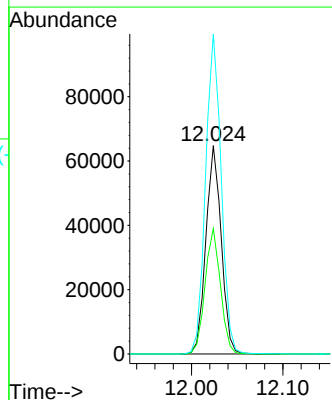
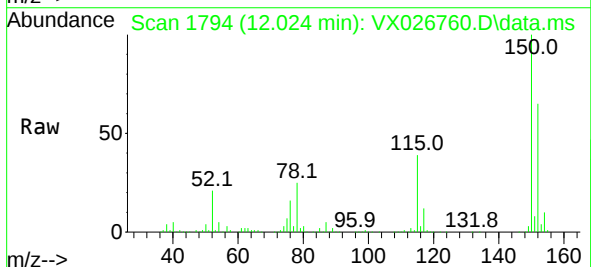
Instrument :
MSVOA_X
ClientSampleId :
PB142440ZHE#03

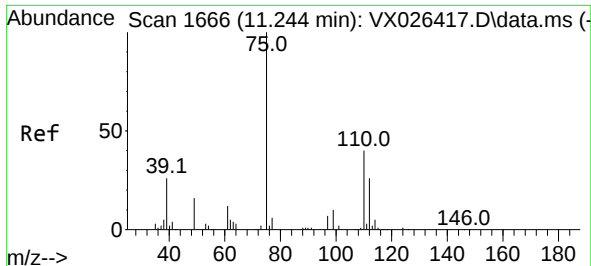
Tgt Ion:117 Resp: 170939
Ion Ratio Lower Upper
117 100
82 55.0 45.2 67.8
119 31.6 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX026760.D
Acq: 03 Feb 2022 16:02

Tgt Ion:152 Resp: 75383
Ion Ratio Lower Upper
152 100
115 60.3 44.2 132.6
150 156.2 0.0 348.2

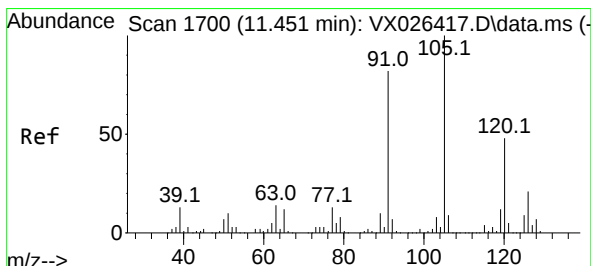
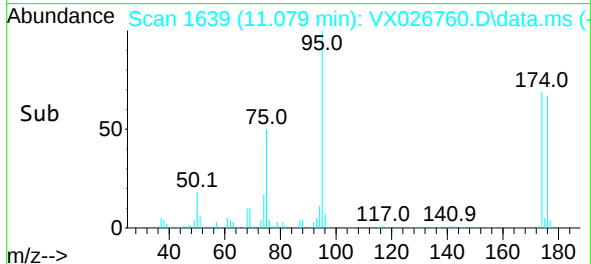
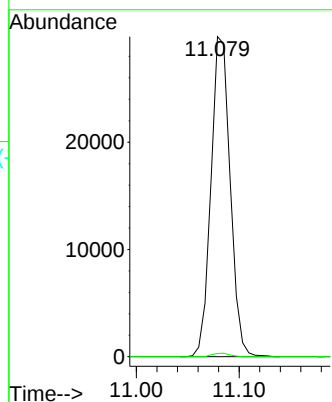
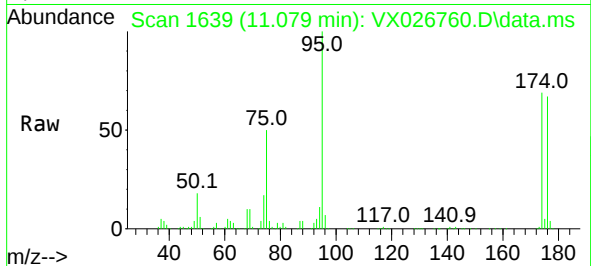




#76
1,2,3-Trichloropropane
Concen: 23.335 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.165 min
Lab File: VX026760.D
Acq: 03 Feb 2022 16:02

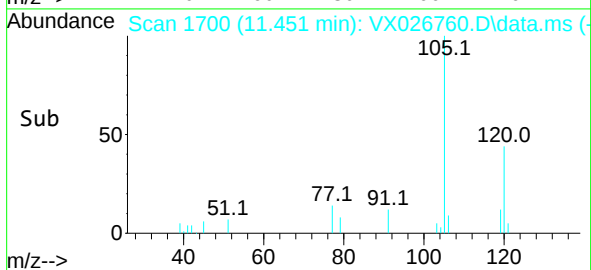
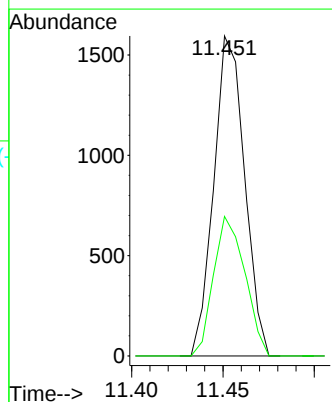
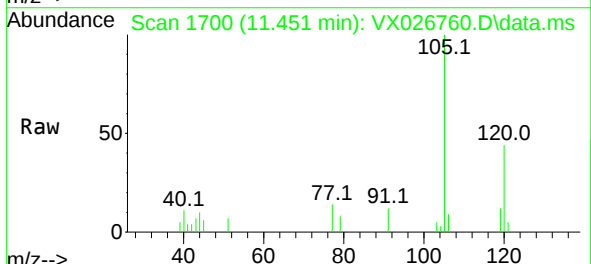
Instrument :
MSVOA_X
ClientSampleId :
PB142440ZHE#03

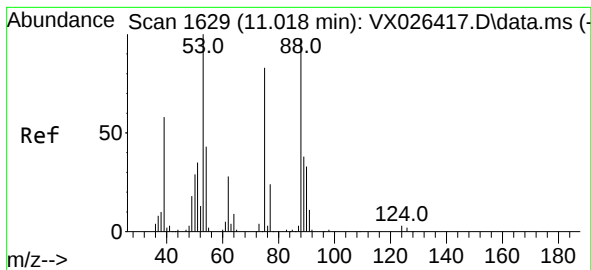
Tgt Ion: 75 Resp: 38731
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#



#80
1,3,5-Trimethylbenzene
Concen: 0.367 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX026760.D
Acq: 03 Feb 2022 16:02

Tgt Ion: 105 Resp: 1869
Ion Ratio Lower Upper
105 100
120 44.4 24.0 72.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.261 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026760.D
 Acq: 03 Feb 2022 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142440ZHE#03

Tgt Ion: 75 Resp: 38731
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

