

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026592.D
 Acq On : 26 Jan 2022 14:19
 Operator : JC/MD
 Sample : PB142265ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142265ZHE#02

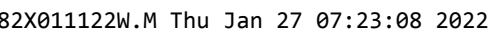
Quant Time: Jan 27 07:22:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

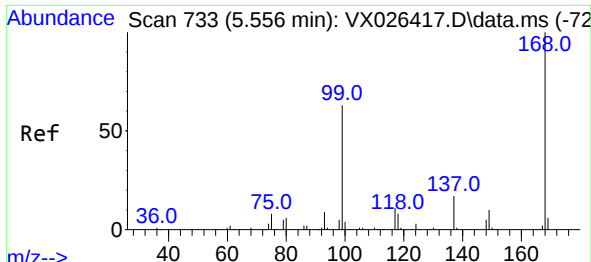
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	142183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	238137	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92243	46.442	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.880%
35) Dibromofluoromethane	5.391	113	74188	48.242	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.480%
50) Toluene-d8	8.653	98	282651	51.005	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.020%
62) 4-Bromofluorobenzene	11.079	95	103607	52.630	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.260%
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	172	0.231	ug/l	94
10) Methyl Iodide	2.459	142	108	4.504	ug/l #	37
11) Tert butyl alcohol	2.971	59	286	1.035	ug/l #	75
16) Acetone	2.392	43	6184	6.105	ug/l #	89
18) Methyl Acetate	2.709	43	719	0.357	ug/l #	76
20) Methylene Chloride	2.794	84	2686	1.605	ug/l	97
25) 2-Butanone	4.581	43	3530	2.680	ug/l	90
29) Tetrahydrofuran	5.062	42	316	0.404	ug/l #	34
31) Cyclohexane	5.550	56	2775	0.947	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	10968	4.518	ug/l #	51
38) Carbon Tetrachloride	5.556	117	14882	5.960	ug/l #	17
43) Isopropyl Acetate	6.342	43	12757	3.216	ug/l	100
48) Methyl methacrylate	7.598	41	3703	1.884	ug/l #	16
49) 1,4-Dioxane	7.793	88	115	3.565	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	45932	19.521	ug/l #	50
52) Toluene	8.726	92	944	0.229	ug/l	91
54) cis-1,3-Dichloropropene	8.549	75	21502	8.392	ug/l #	57
57) 1,3-Dichloropropane	9.482	76	12502	4.491	ug/l #	43
59) 2-Hexanone	9.482	43	177616	98.629	ug/l #	51
74) N-amyl acetate	10.781	43	949	0.323	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	51404	25.110	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	51404	76.302	ug/l #	3

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

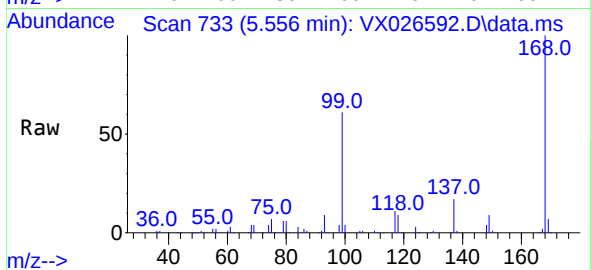
Quant Time: Jan 27 07:22:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration



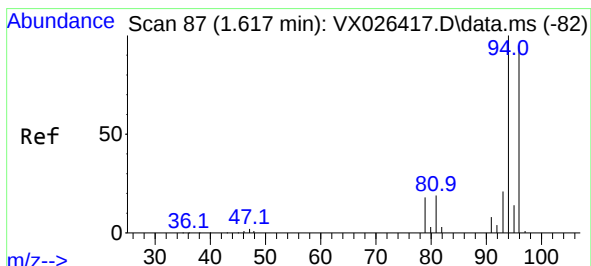
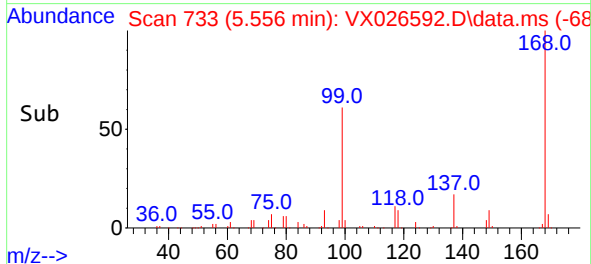
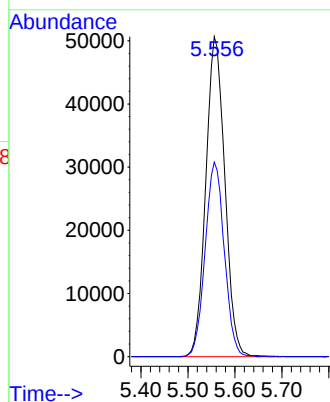


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX026592.D
Acq: 26 Jan 2022 14:19

Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#02

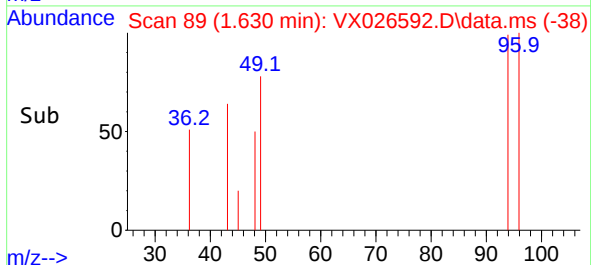
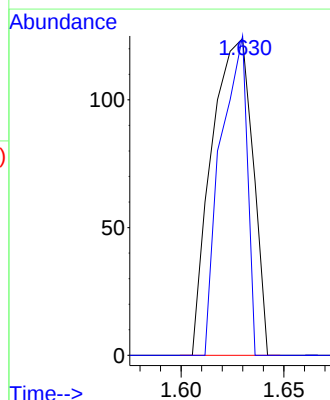
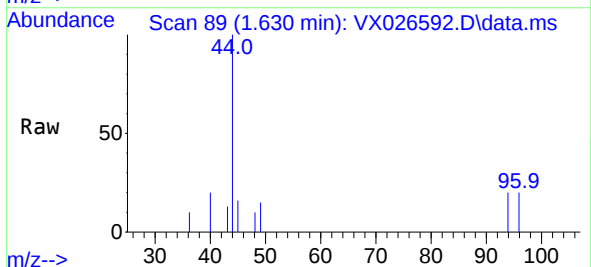


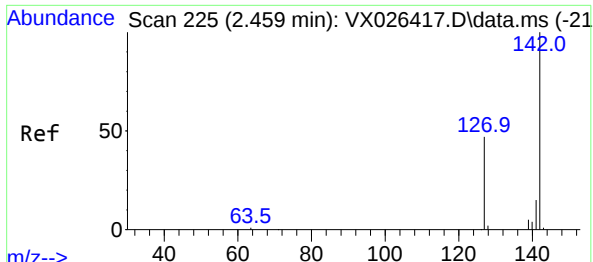
Tgt Ion:168 Resp: 142183
Ion Ratio Lower Upper
168 100
99 60.8 50.3 75.5



#5
Bromomethane
Concen: 0.231 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.012 min
Lab File: VX026592.D
Acq: 26 Jan 2022 14:19

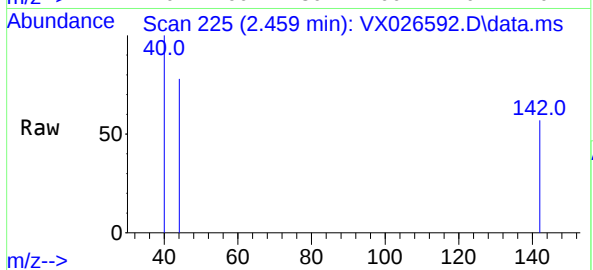
Tgt Ion: 94 Resp: 172
Ion Ratio Lower Upper
94 100
96 100.8 75.9 113.9



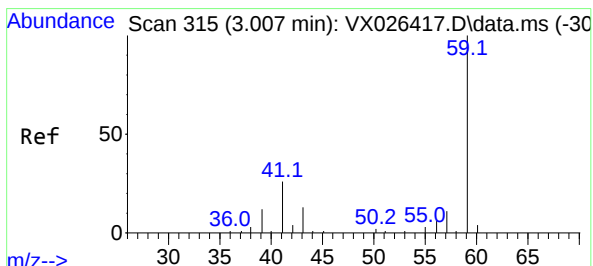
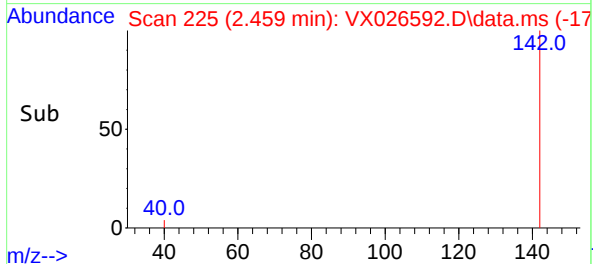
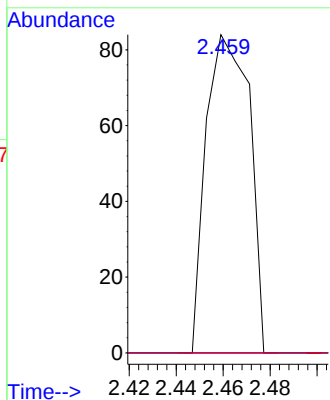


#10
Methyl Iodide
Concen: 4.504 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026592.D
Acq: 26 Jan 2022 14:19

Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#02

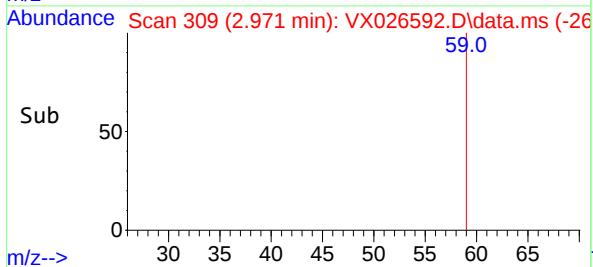
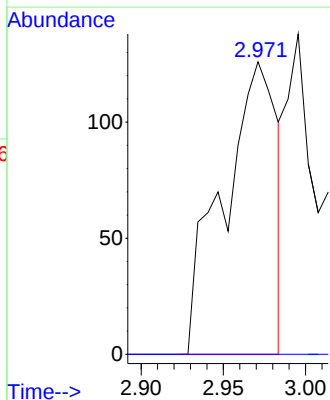
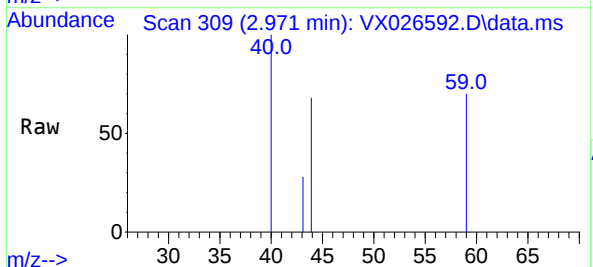


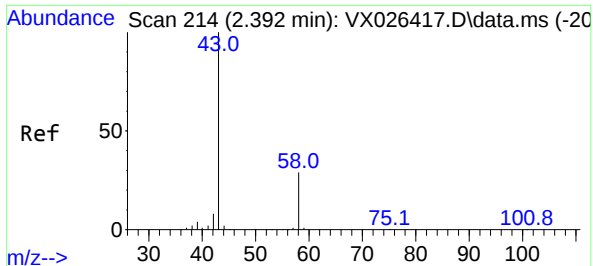
Tgt Ion:142 Resp: 108
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 1.035 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.036 min
Lab File: VX026592.D
Acq: 26 Jan 2022 14:19

Tgt Ion: 59 Resp: 286
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

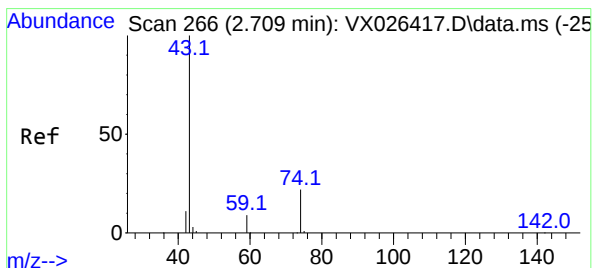
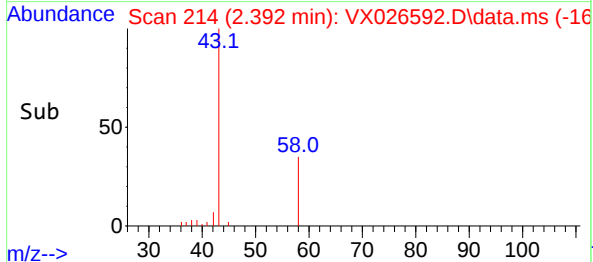
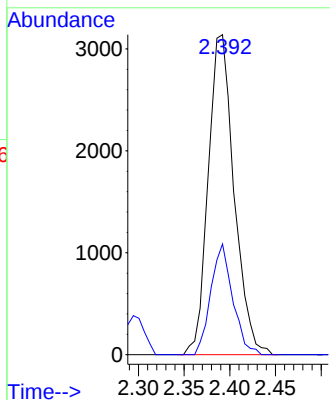
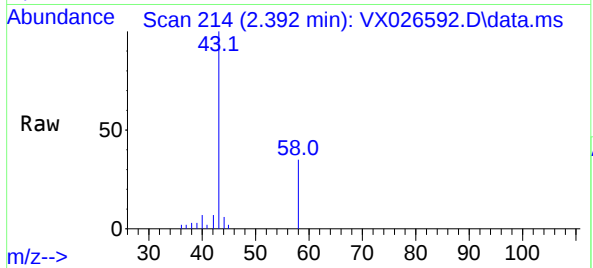




#16
Acetone
Concen: 6.105 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX026592.D
Acq: 26 Jan 2022 14:19

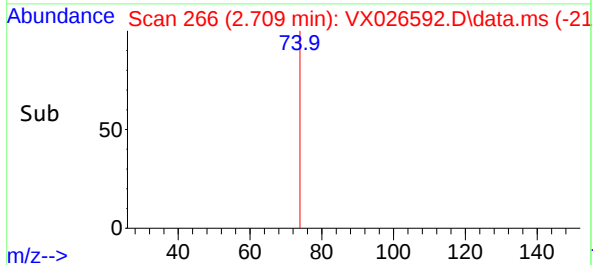
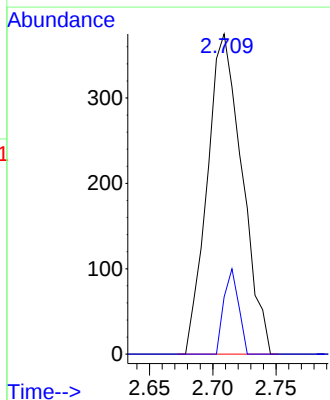
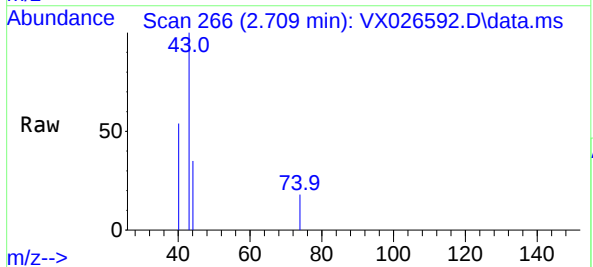
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#02

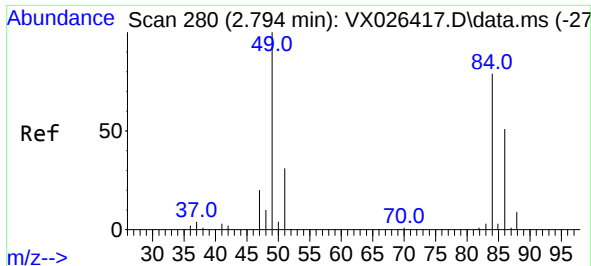
Tgt Ion: 43 Resp: 6184
Ion Ratio Lower Upper
43 100
58 34.6 23.0 34.6#



#18
Methyl Acetate
Concen: 0.357 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX026592.D
Acq: 26 Jan 2022 14:19

Tgt Ion: 43 Resp: 719
Ion Ratio Lower Upper
43 100
74 11.1 18.3 27.5#

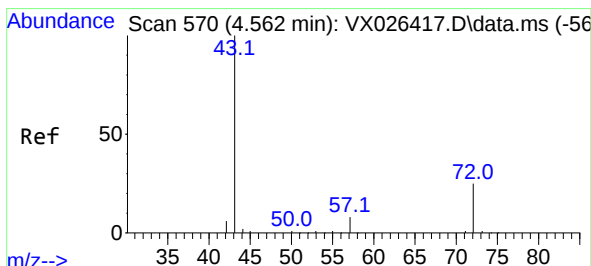
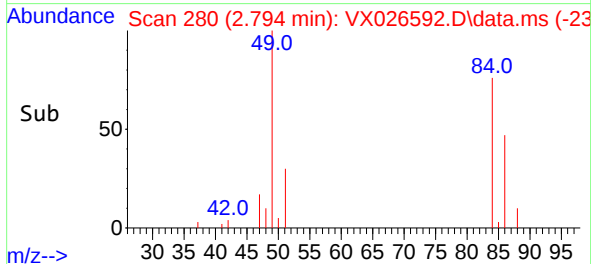
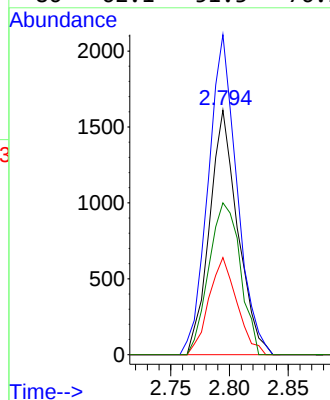
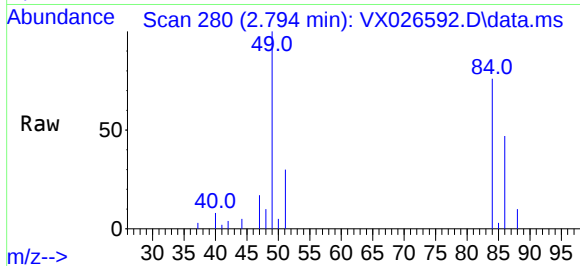




#20
Methylene Chloride
Concen: 1.605 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026592.D
Acq: 26 Jan 2022 14:19

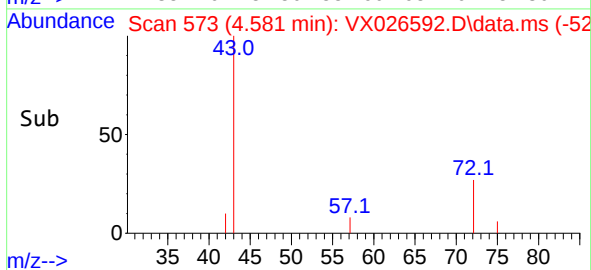
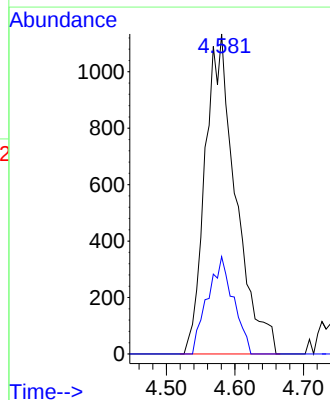
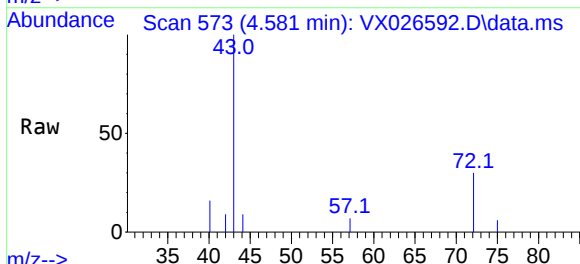
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#02

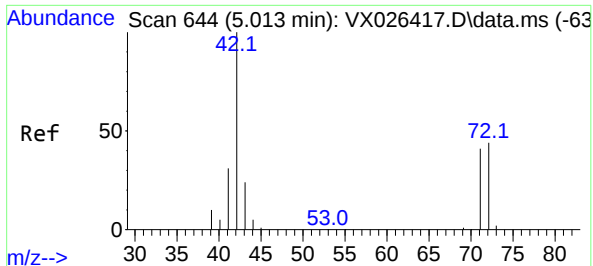
Tgt Ion:	84	Resp:	2686
Ion	Ratio	Lower	Upper
84	100		
49	130.9	101.5	152.3
51	39.7	31.2	46.8
86	62.1	51.3	76.9



#25
2-Butanone
Concen: 2.680 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.018 min
Lab File: VX026592.D
Acq: 26 Jan 2022 14:19

Tgt Ion:	43	Resp:	3530
Ion	Ratio	Lower	Upper
43	100		
72	30.4	20.4	30.6





#29

Tetrahydrofuran

Concen: 0.404 ug/l

RT: 5.062 min Scan# 61

Delta R.T. 0.049 min

Lab File: VX026592.D

Acq: 26 Jan 2022 14:19

Instrument :

MSVOA_X

ClientSampleId :

PB142265ZHE#02

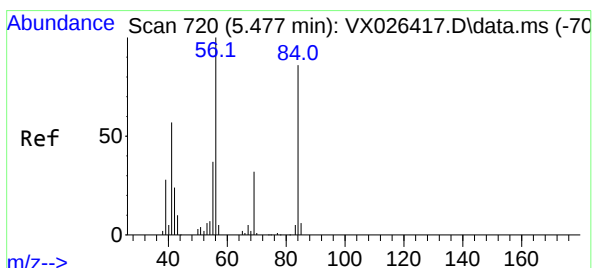
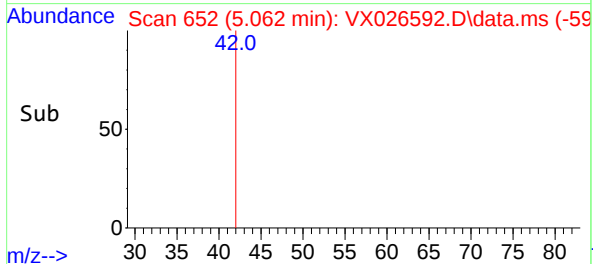
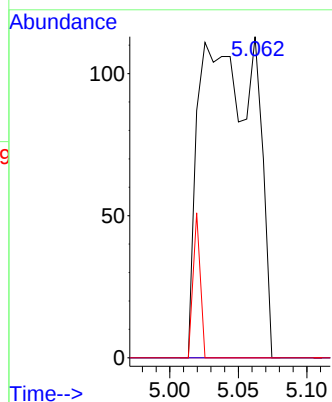
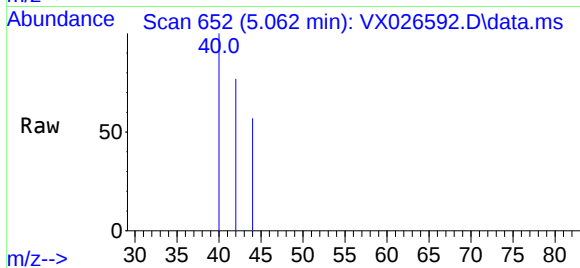
Tgt Ion: 42 Resp: 316

Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

71 0.0 31.8 47.8#



#31

Cyclohexane

Concen: 0.947 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.073 min

Lab File: VX026592.D

Acq: 26 Jan 2022 14:19

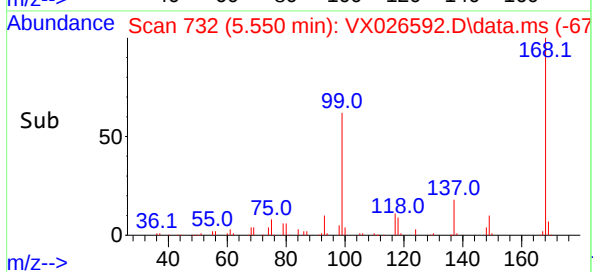
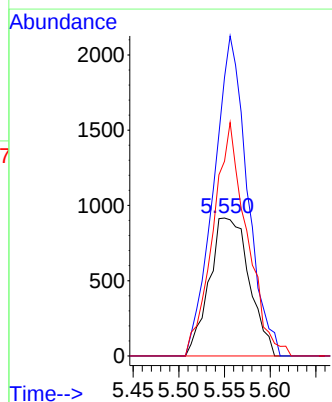
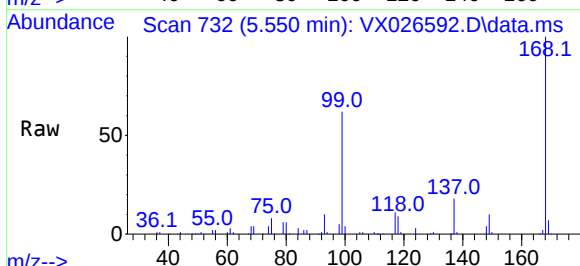
Tgt Ion: 56 Resp: 2775

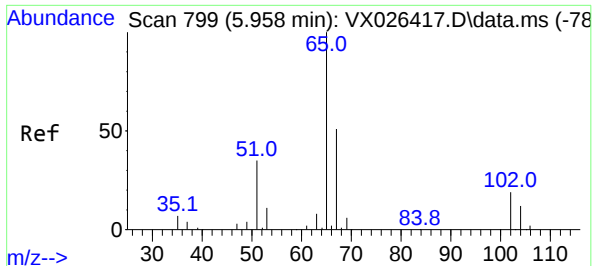
Ion Ratio Lower Upper

56 100

69 202.1 25.8 38.6#

84 141.3 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 46.442 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX026592.D

Acq: 26 Jan 2022 14:19

Instrument :

MSVOA_X

ClientSampleId :

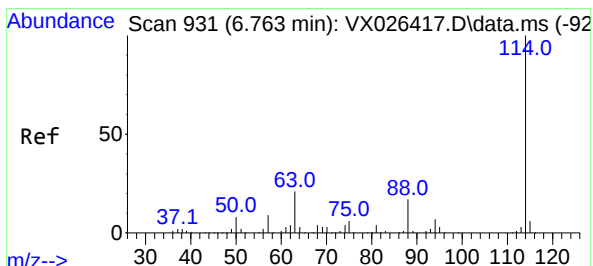
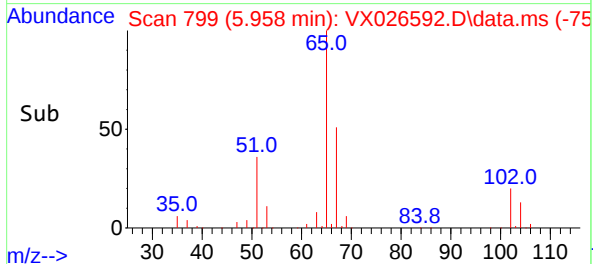
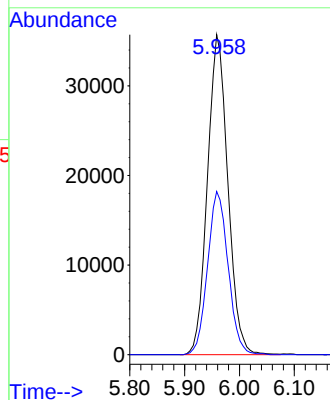
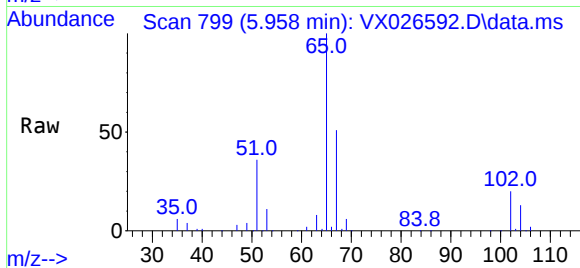
PB142265ZHE#02

Tgt Ion: 65 Resp: 92243

Ion Ratio Lower Upper

65 100

67 51.4 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: VX026592.D

Acq: 26 Jan 2022 14:19

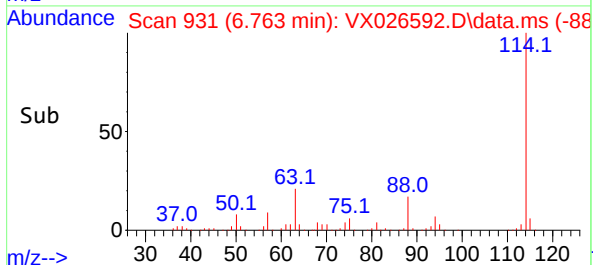
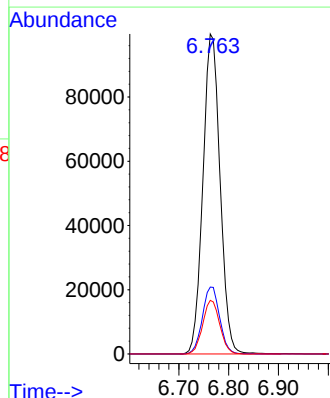
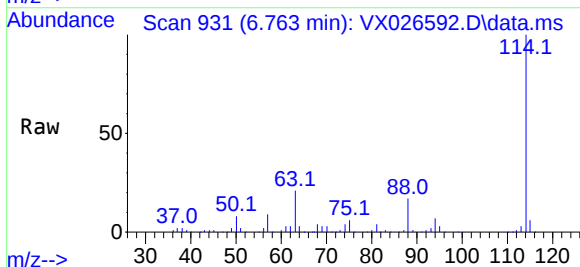
Tgt Ion: 114 Resp: 238137

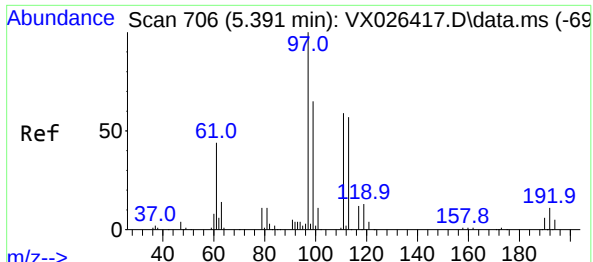
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.8

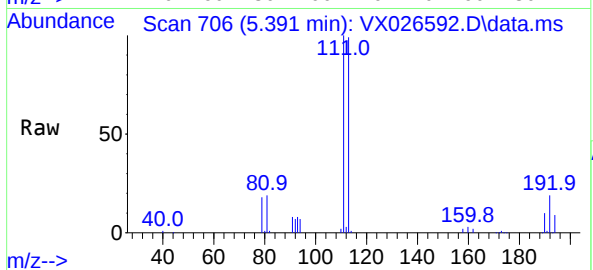
88 16.8 0.0 33.0



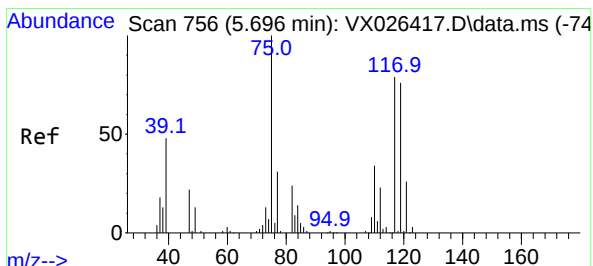
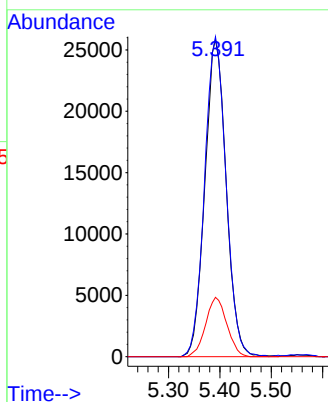
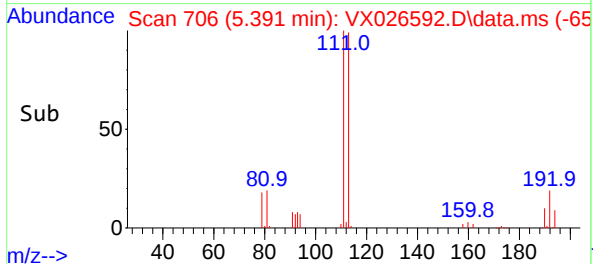


#35
Dibromofluoromethane
Concen: 48.242 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026592.D
Acq: 26 Jan 2022 14:19

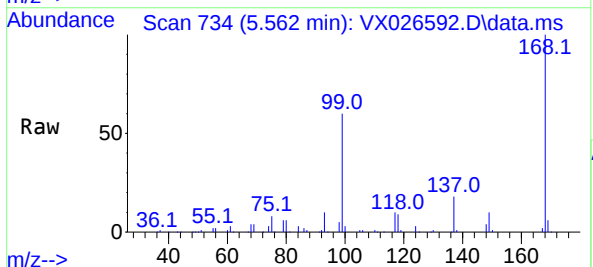
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#02



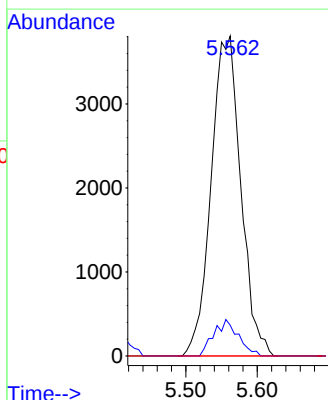
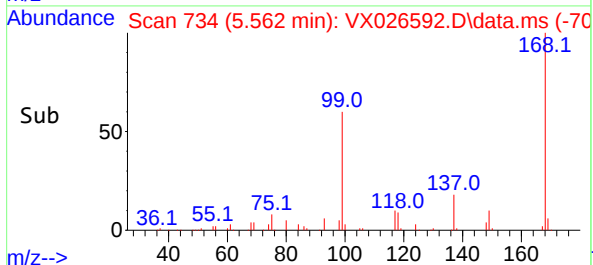
Tgt Ion:113 Resp: 74188
Ion Ratio Lower Upper
113 100
111 101.8 81.2 121.8
192 18.6 15.0 22.4

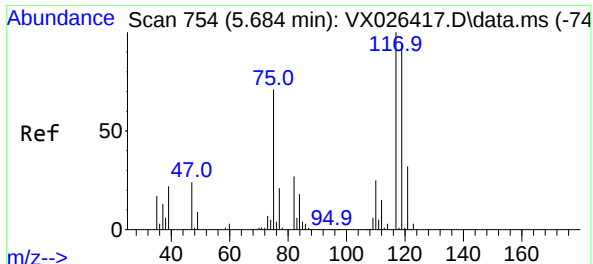


#36
1,1-Dichloropropene
Concen: 4.518 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX026592.D
Acq: 26 Jan 2022 14:19



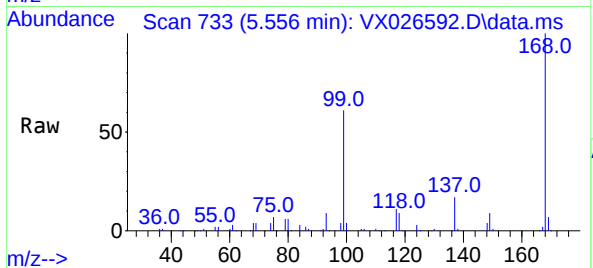
Tgt Ion: 75 Resp: 10968
Ion Ratio Lower Upper
75 100
110 9.4 17.2 51.6#
77 0.0 24.6 36.8#



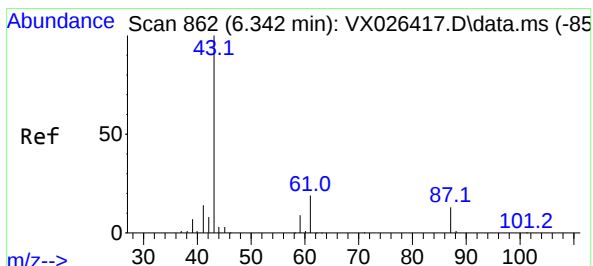
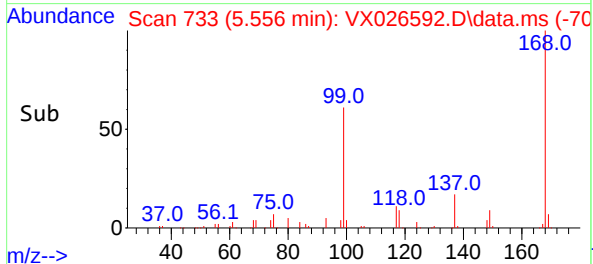
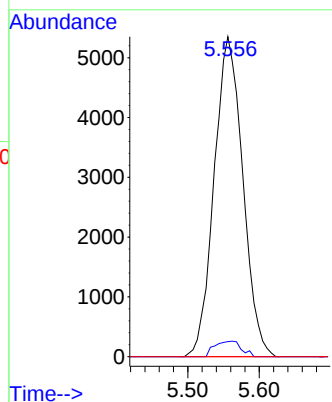


#38
Carbon Tetrachloride
Concen: 5.960 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX026592.D
Acq: 26 Jan 2022 14:19

Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#02

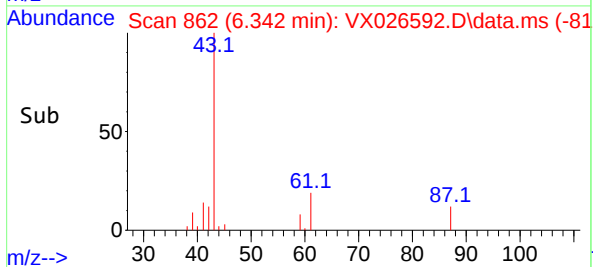
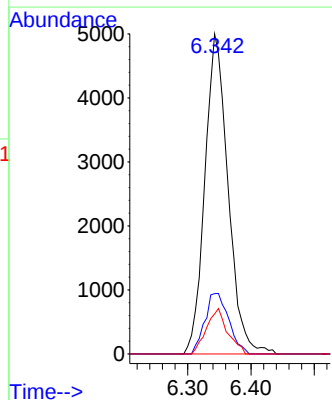
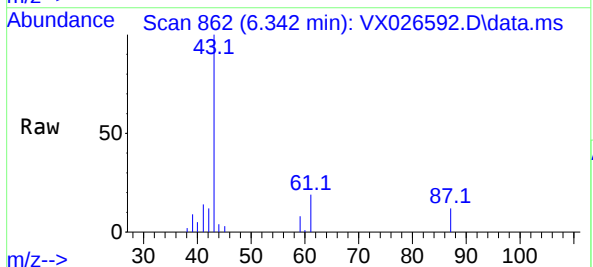


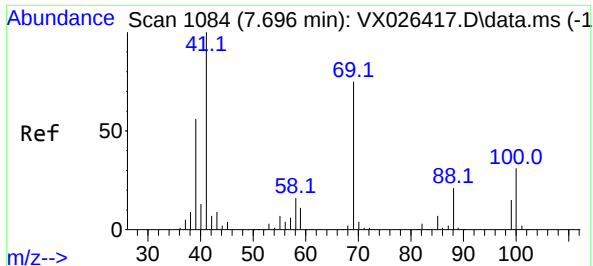
Tgt Ion:117 Resp: 14882
Ion Ratio Lower Upper
117 100
119 4.7 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 3.216 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX026592.D
Acq: 26 Jan 2022 14:19

Tgt Ion: 43 Resp: 12757
Ion Ratio Lower Upper
43 100
61 19.5 15.4 23.0
87 12.8 10.2 15.2

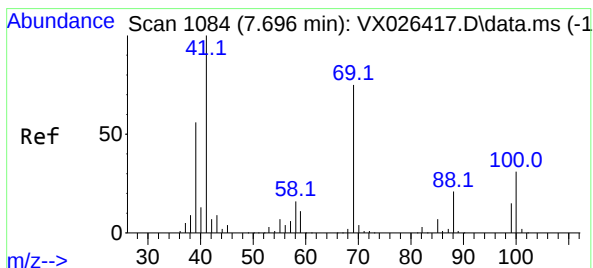
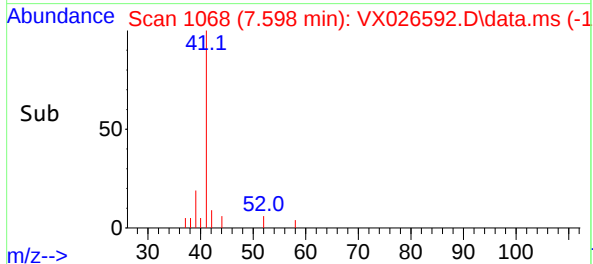
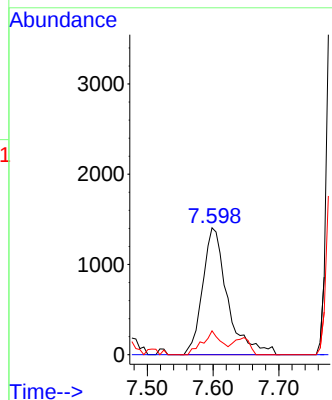
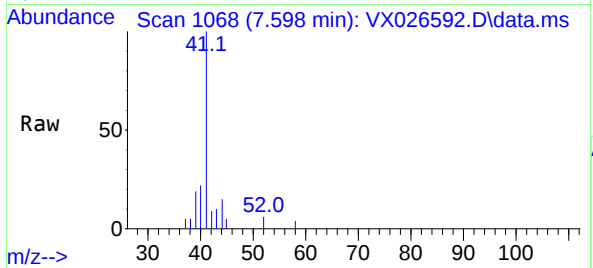




#48
Methyl methacrylate
Concen: 1.884 ug/l
RT: 7.598 min Scan# 1100
Delta R.T. -0.097 min
Lab File: VX026592.D
Acq: 26 Jan 2022 14:19

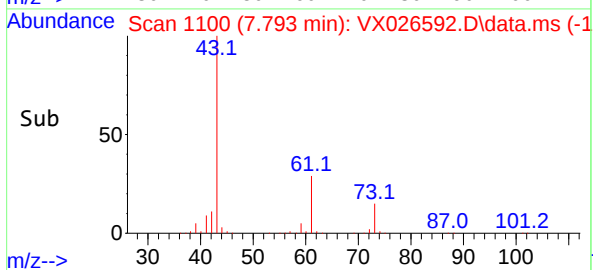
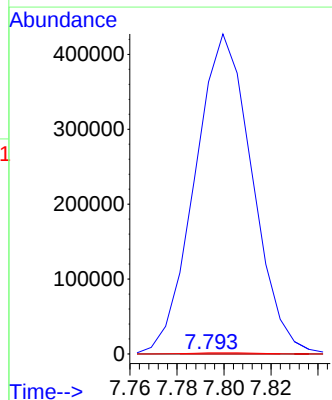
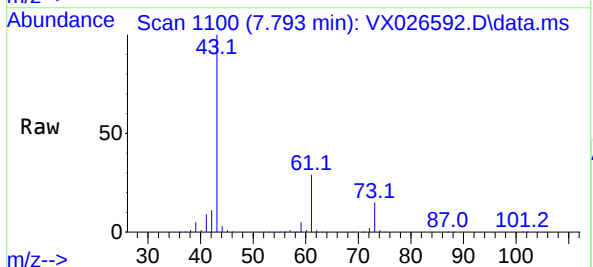
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#02

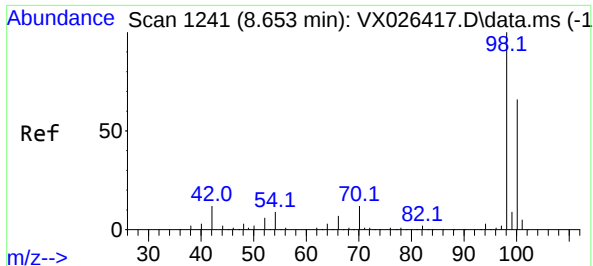
Tgt Ion: 41 Resp: 3703
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 0.0 45.4 68.0#



#49
1,4-Dioxane
Concen: 3.565 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.098 min
Lab File: VX026592.D
Acq: 26 Jan 2022 14:19

Tgt Ion: 88 Resp: 115
Ion Ratio Lower Upper
88 100
43 635773.9 29.9 44.9#
58 2544.3 57.8 86.6#

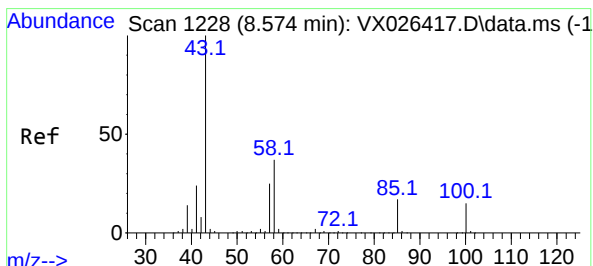
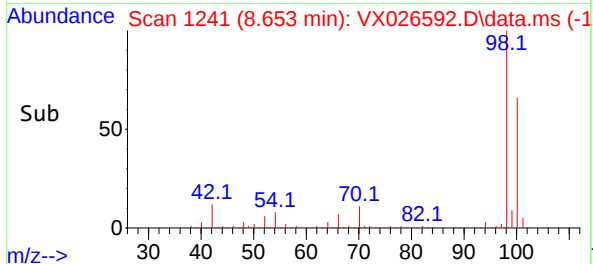
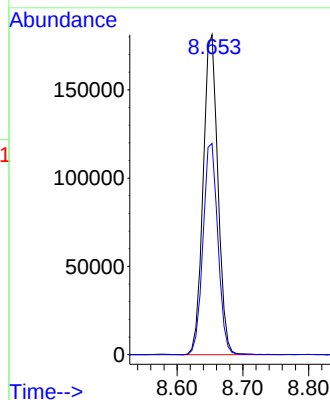
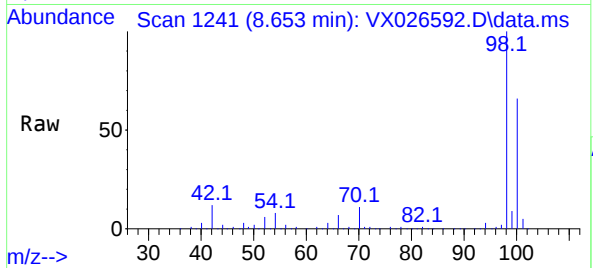




#50
Toluene-d8
Concen: 51.005 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026592.D
Acq: 26 Jan 2022 14:19

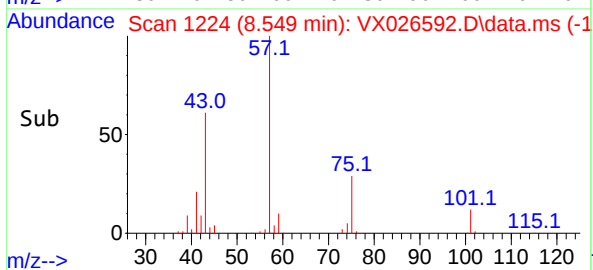
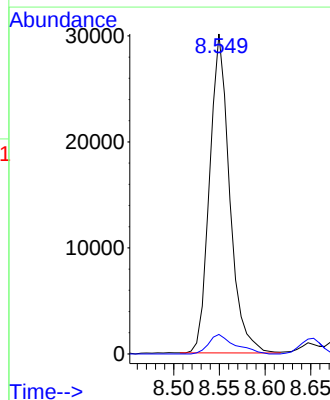
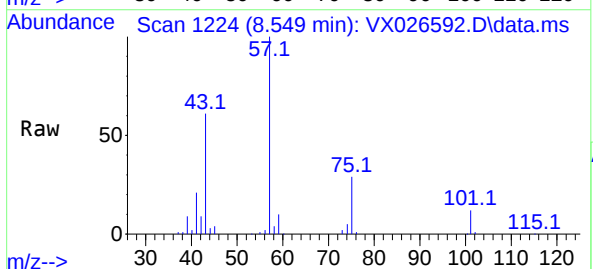
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#02

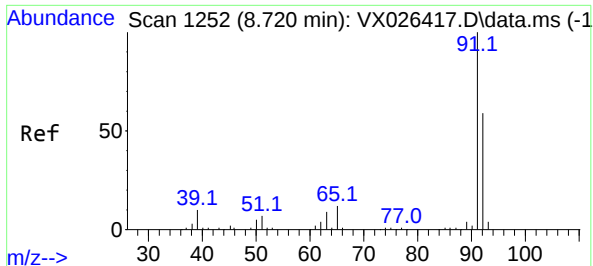
Tgt Ion: 98 Resp: 282651
Ion Ratio Lower Upper
98 100
100 66.6 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 19.521 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX026592.D
Acq: 26 Jan 2022 14:19

Tgt Ion: 43 Resp: 45932
Ion Ratio Lower Upper
43 100
58 8.0 30.5 45.7#

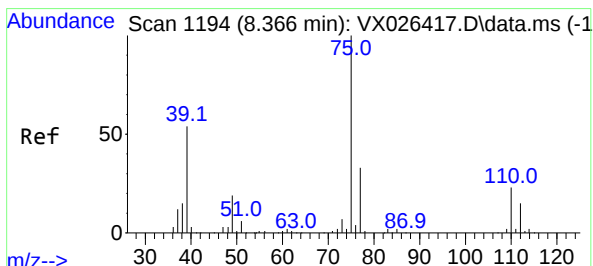
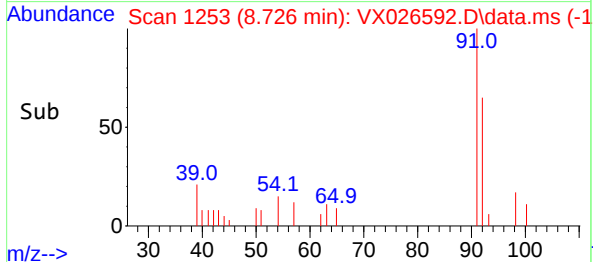
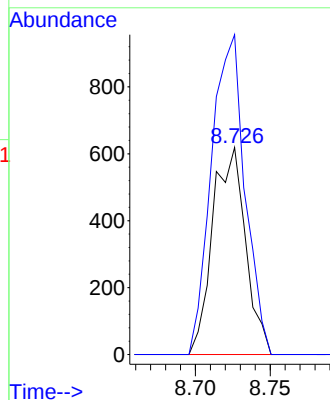
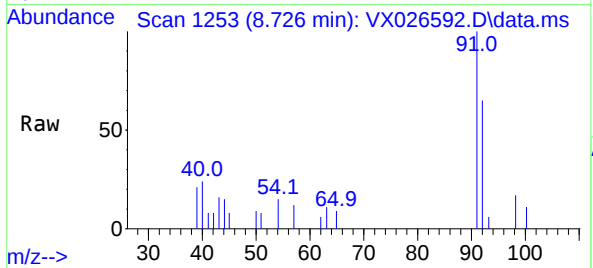




#52
Toluene
Concen: 0.229 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX026592.D
Acq: 26 Jan 2022 14:19

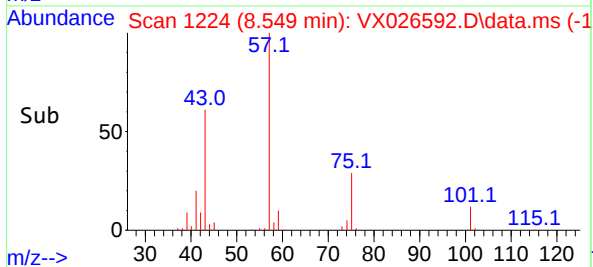
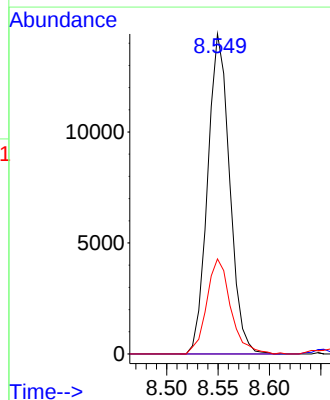
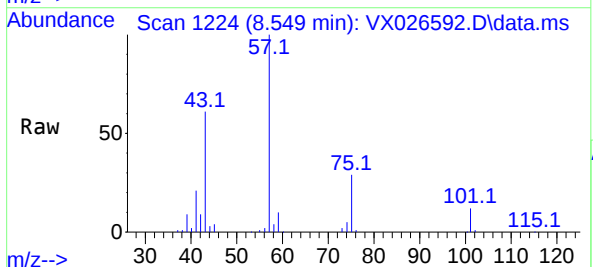
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#02

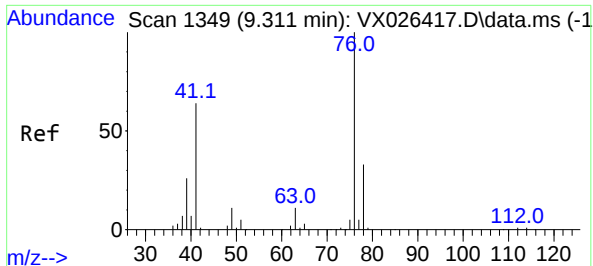
Tgt Ion: 92 Resp: 944
Ion Ratio Lower Upper
92 100
91 157.9 135.7 203.5



#54
cis-1,3-Dichloropropene
Concen: 8.392 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026592.D
Acq: 26 Jan 2022 14:19

Tgt Ion: 75 Resp: 21502
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.2#
39 29.7 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 4.491 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026592.D

Acq: 26 Jan 2022 14:19

Instrument :

MSVOA_X

ClientSampleId :

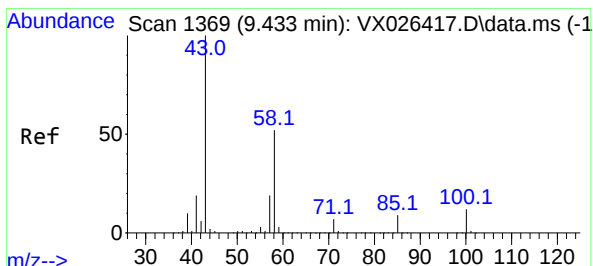
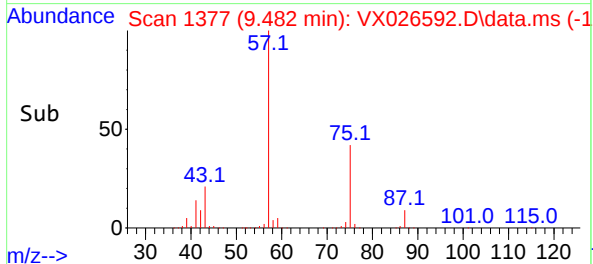
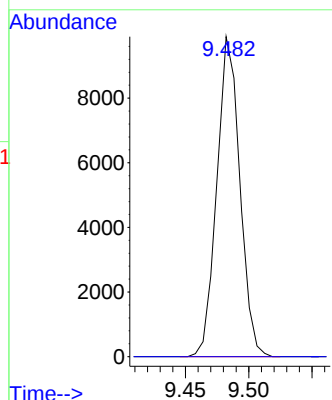
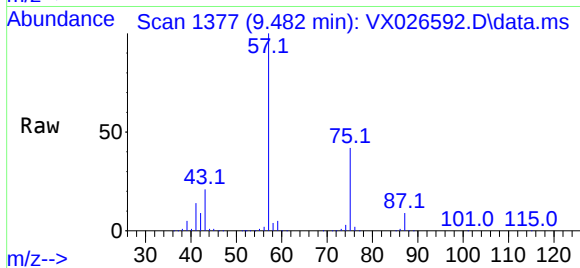
PB142265ZHE#02

Tgt Ion: 76 Resp: 12502

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 98.629 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX026592.D

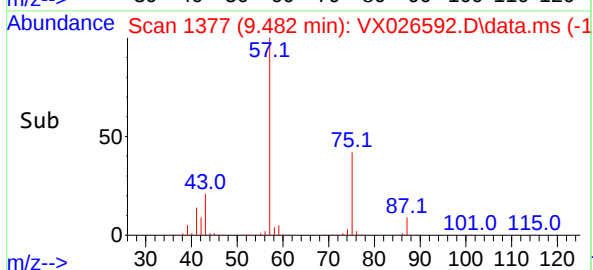
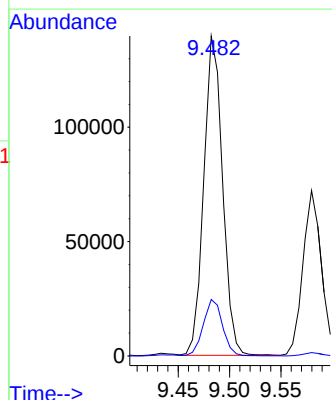
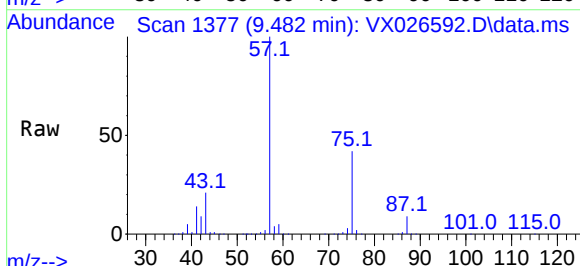
Acq: 26 Jan 2022 14:19

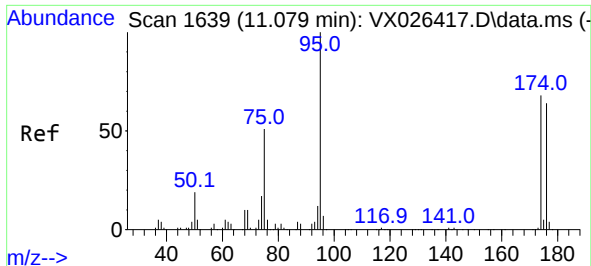
Tgt Ion: 43 Resp: 177616

Ion Ratio Lower Upper

43 100

58 18.2 26.4 79.2#

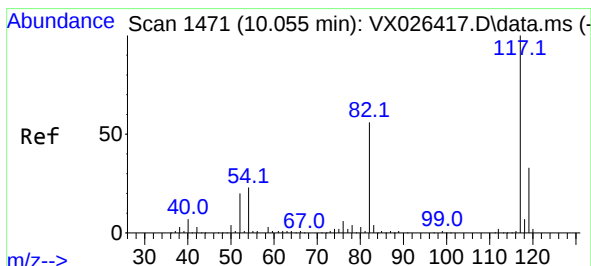
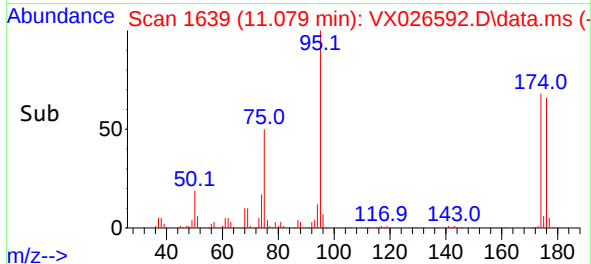
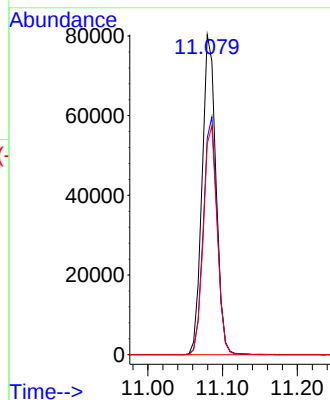
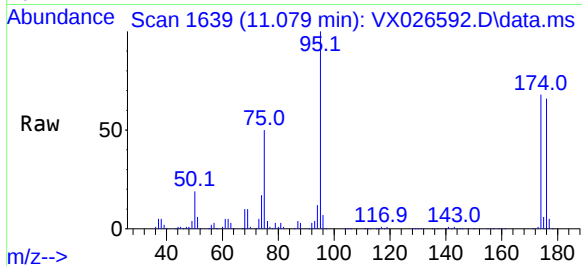




#62
4-Bromofluorobenzene
Concen: 52.630 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026592.D
Acq: 26 Jan 2022 14:19

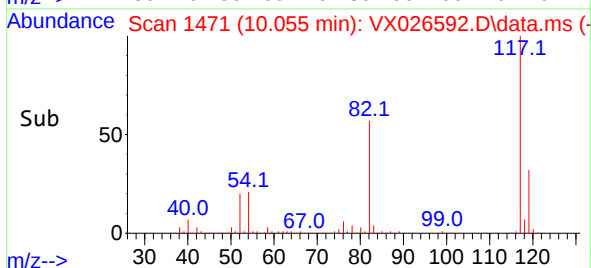
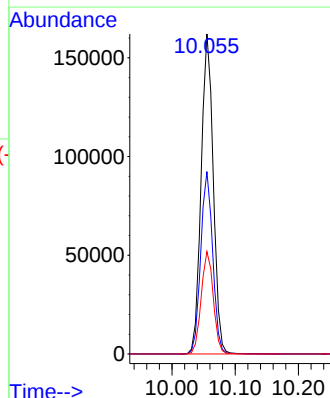
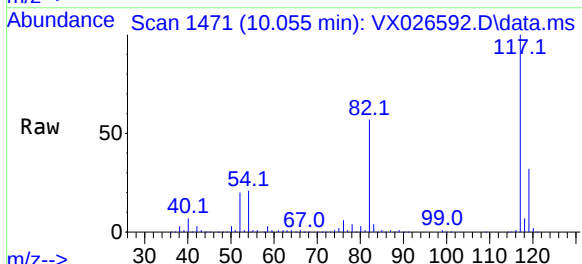
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#02

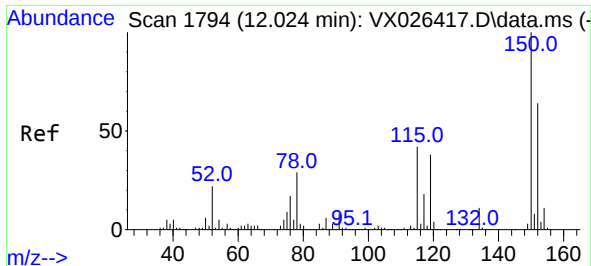
Tgt Ion: 95 Resp: 103607
Ion Ratio Lower Upper
95 100
174 74.0 0.0 148.6
176 71.2 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026592.D
Acq: 26 Jan 2022 14:19

Tgt Ion: 117 Resp: 216423
Ion Ratio Lower Upper
117 100
82 57.0 45.2 67.8
119 32.0 26.2 39.2

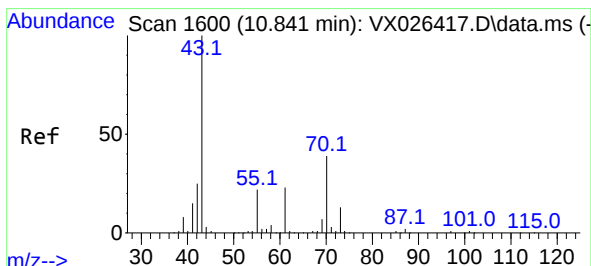
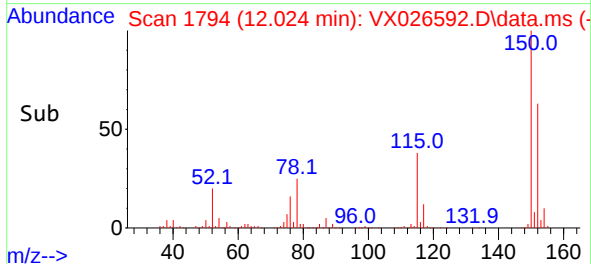
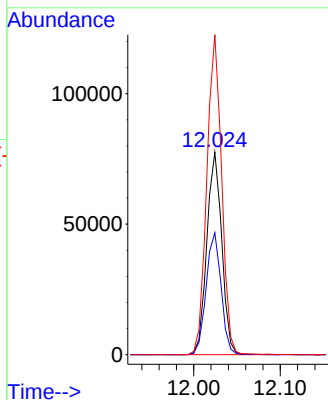
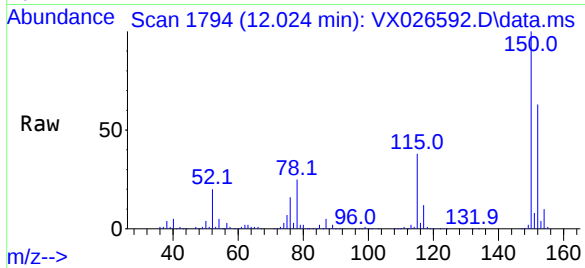




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026592.D
Acq: 26 Jan 2022 14:19

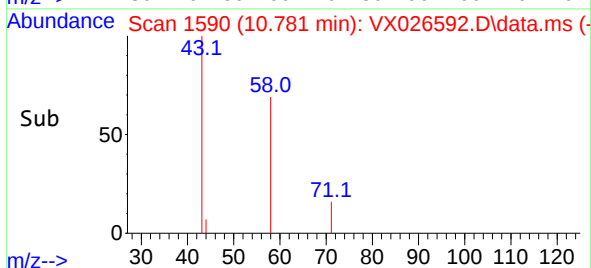
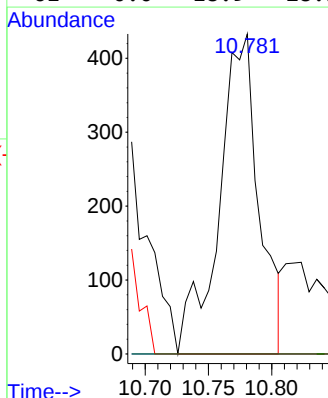
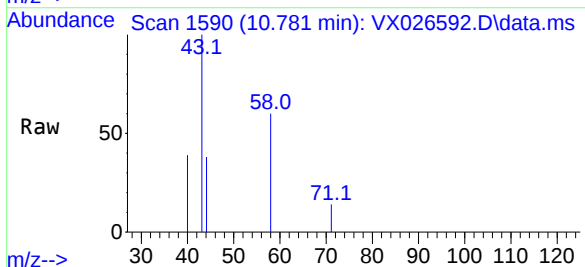
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#02

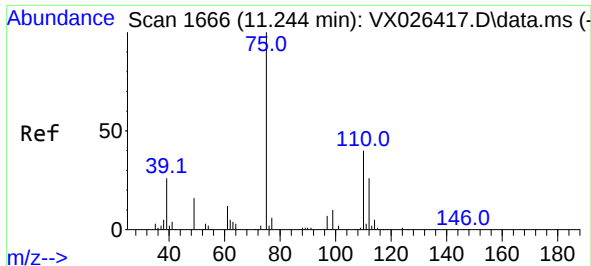
Tgt Ion:152 Resp: 92978
Ion Ratio Lower Upper
152 100
115 60.4 44.2 132.6
150 156.7 0.0 348.2



#74
N-ethyl acetate
Concen: 0.323 ug/l
RT: 10.781 min Scan# 1590
Delta R.T. -0.061 min
Lab File: VX026592.D
Acq: 26 Jan 2022 14:19

Tgt Ion: 43 Resp: 949
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 0.0 18.3 27.5#
61 0.0 18.9 28.3#

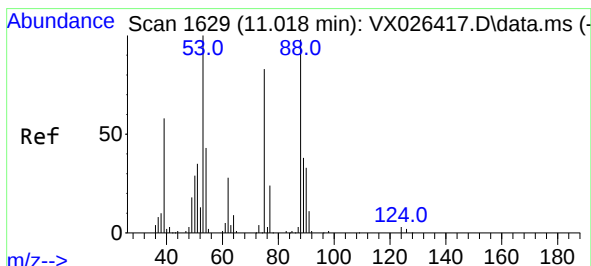
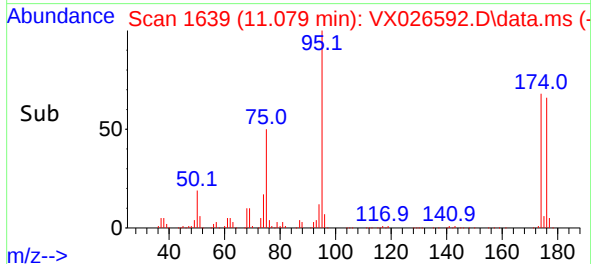
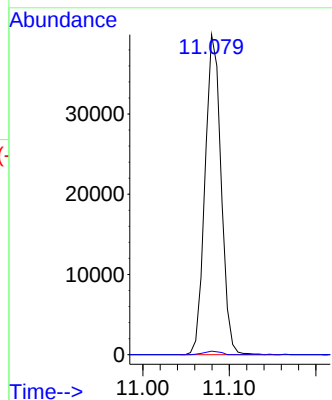
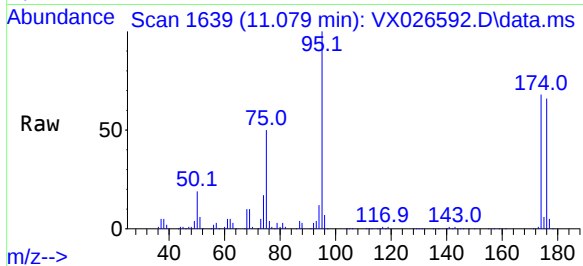




#76
1,2,3-Trichloropropane
Concen: 25.110 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026592.D
Acq: 26 Jan 2022 14:19

Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#02

Tgt Ion: 75 Resp: 51404
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.302 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026592.D
Acq: 26 Jan 2022 14:19

Tgt Ion: 75 Resp: 51404
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

