

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026595.D
 Acq On : 26 Jan 2022 15:29
 Operator : JC/MD
 Sample : PB142265ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142265ZHE#05

Quant Time: Jan 27 07:24:02 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)

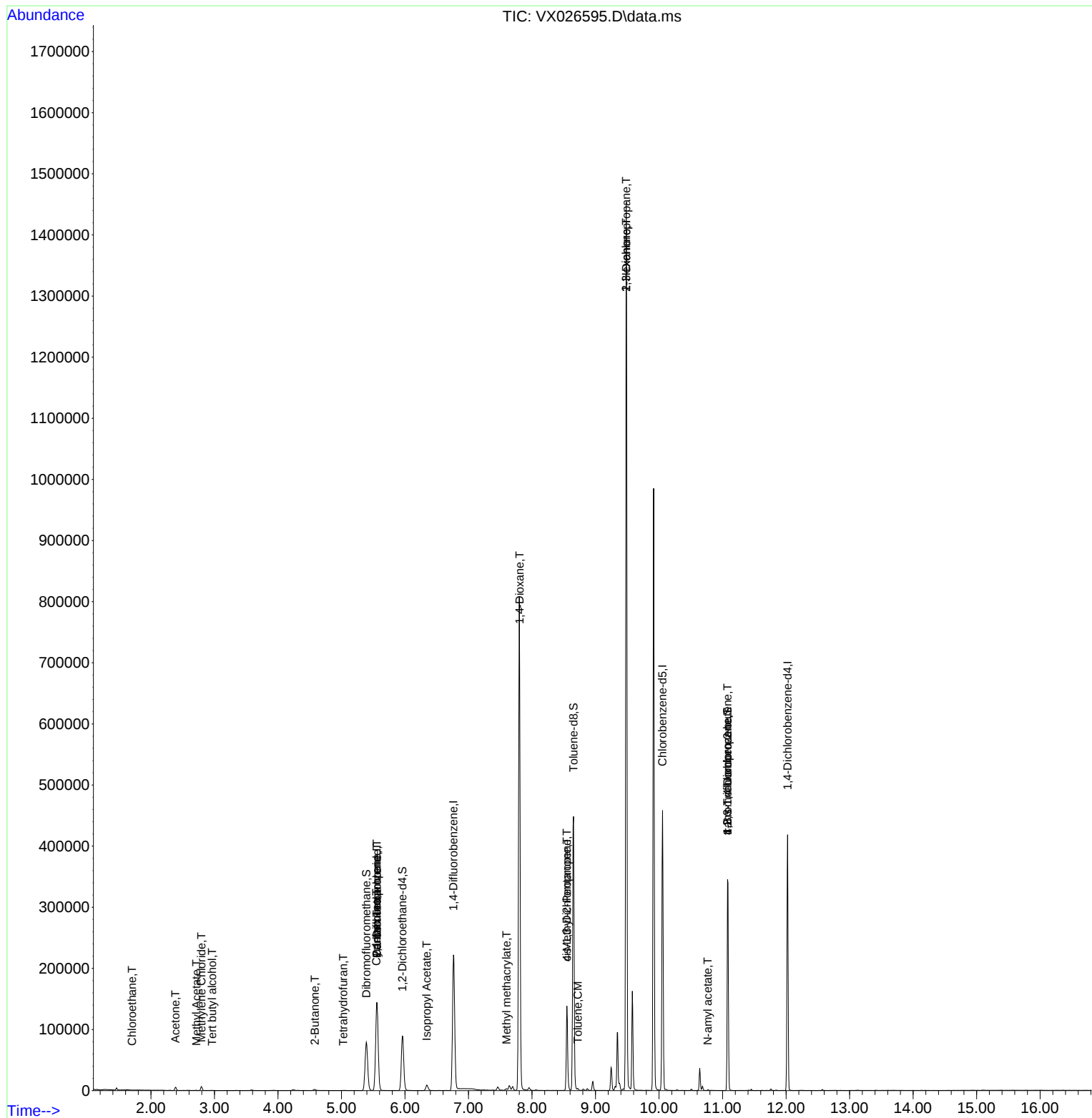
Internal Standards						
1) Pentafluorobenzene	5.556	168	134586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224973	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88283	46.957	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.920%		
35) Dibromofluoromethane	5.391	113	70475	48.510	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.020%		
50) Toluene-d8	8.653	98	268039	51.198	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.400%		
62) 4-Bromofluorobenzene	11.079	95	96822	52.061	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.120%		
Target Compounds					Qvalue	
6) Chloroethane	1.703	64	166	0.215	ug/l #	43
11) Tert butyl alcohol	2.965	59	514	1.965	ug/l #	75
16) Acetone	2.386	43	6278	6.548	ug/l	99
18) Methyl Acetate	2.715	43	791	0.415	ug/l #	85
20) Methylene Chloride	2.794	84	2880	1.818	ug/l	94
25) 2-Butanone	4.581	43	3493	2.801	ug/l	99
29) Tetrahydrofuran	5.026	42	218	0.294	ug/l #	34
31) Cyclohexane	5.550	56	2752	0.992	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10656	4.646	ug/l #	50
38) Carbon Tetrachloride	5.556	117	13685	5.801	ug/l #	17
43) Isopropyl Acetate	6.342	43	12483	3.331	ug/l	100
48) Methyl methacrylate	7.598	41	3850	2.073	ug/l #	16
49) 1,4-Dioxane	7.806	88	41	1.345	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	45851	20.627	ug/l #	50
52) Toluene	8.720	92	1013	0.261	ug/l	84
54) cis-1,3-Dichloropropene	8.549	75	21346	8.818	ug/l #	56
57) 1,3-Dichloropropane	9.482	76	12711	4.833	ug/l #	43
59) 2-Hexanone	9.482	43	176068	103.490	ug/l #	52
74) N-amyl acetate	10.768	43	980	0.368	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	48462	26.130	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	48462	79.201	ug/l #	4

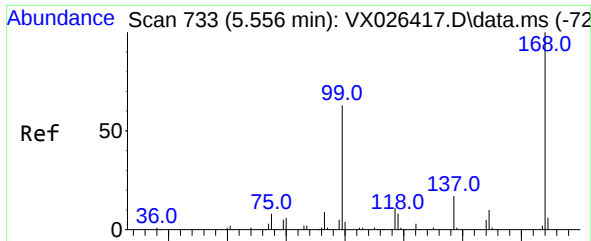
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
Data File : VX026595.D
Acq On : 26 Jan 2022 15:29
Operator : JC/MD
Sample : PB142265ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#05

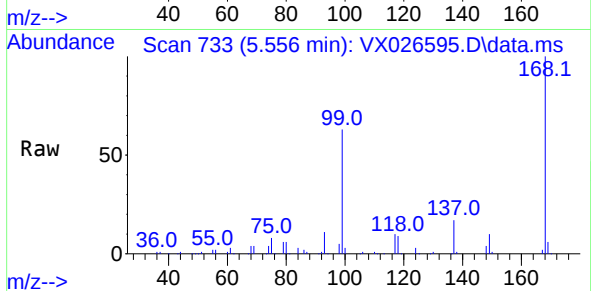
Quant Time: Jan 27 07:24:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration



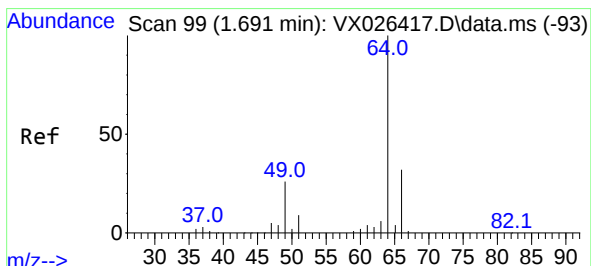
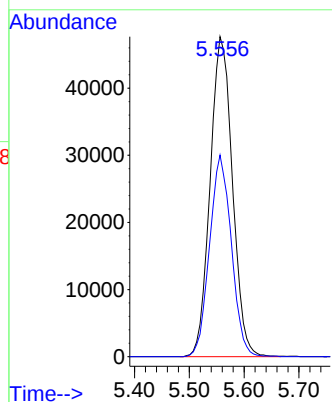


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026595.D
Acq: 26 Jan 2022 15:29

Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#05

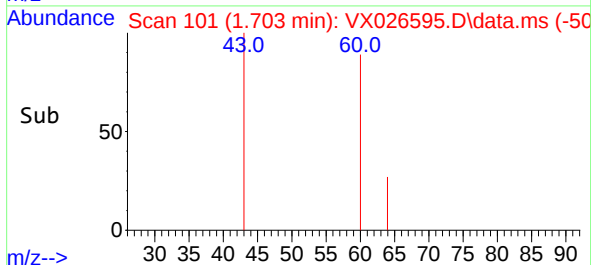
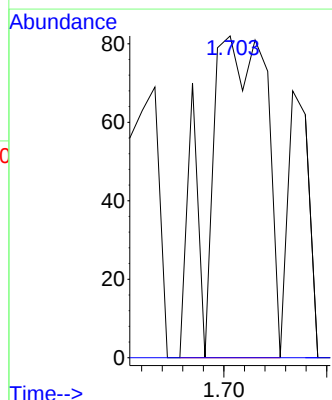
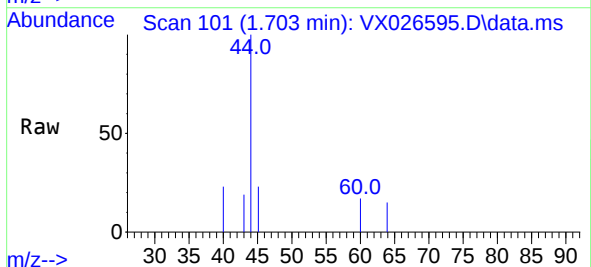


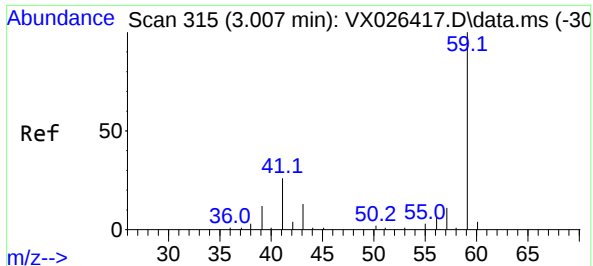
Tgt Ion:168 Resp: 134586
Ion Ratio Lower Upper
168 100
99 63.0 50.3 75.5



#6
Chloroethane
Concen: 0.215 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.012 min
Lab File: VX026595.D
Acq: 26 Jan 2022 15:29

Tgt Ion: 64 Resp: 166
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 1.965 ug/l

RT: 2.965 min Scan# 30

Delta R.T. -0.042 min

Lab File: VX026595.D

Acq: 26 Jan 2022 15:29

Instrument :

MSVOA_X

ClientSampleId :

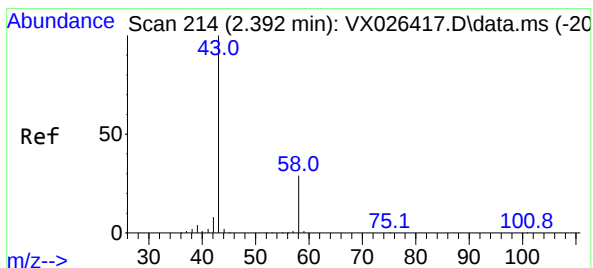
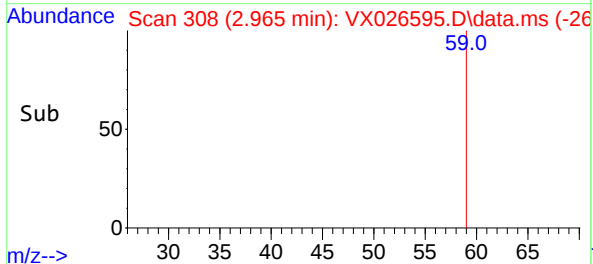
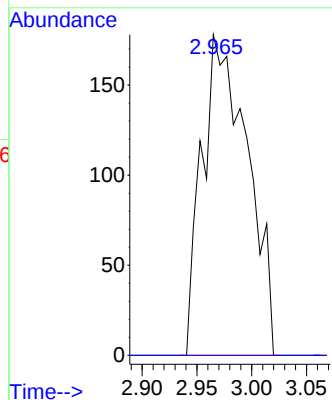
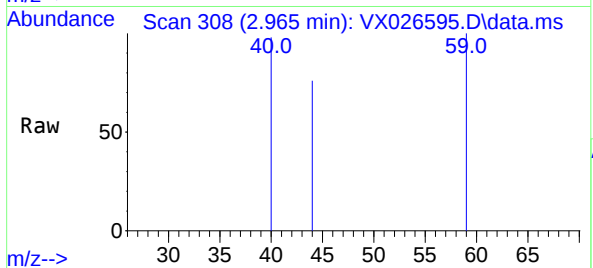
PB142265ZHE#05

Tgt Ion: 59 Resp: 514

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 6.548 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX026595.D

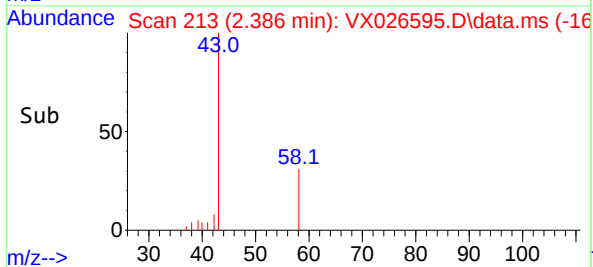
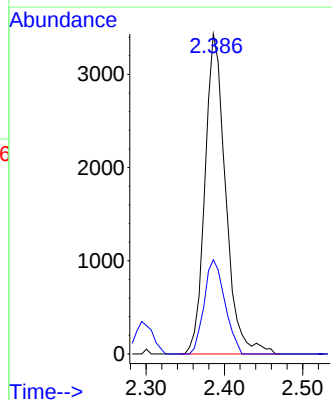
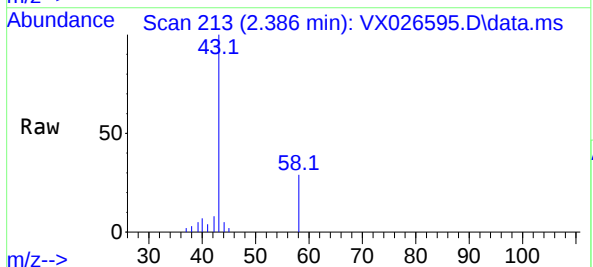
Acq: 26 Jan 2022 15:29

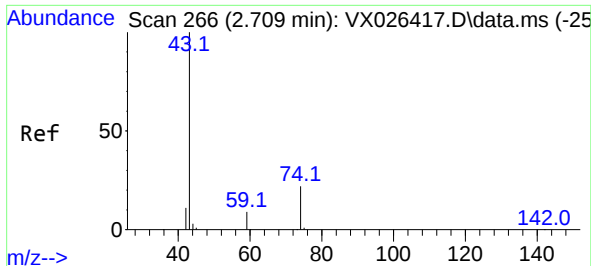
Tgt Ion: 43 Resp: 6278

Ion Ratio Lower Upper

43 100

58 29.5 23.0 34.6

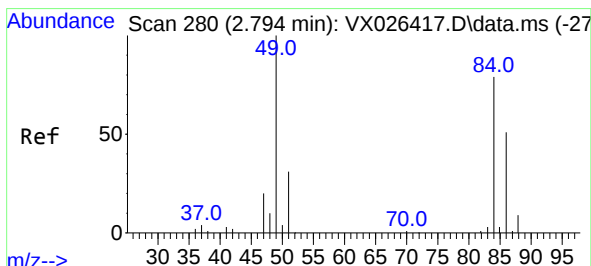
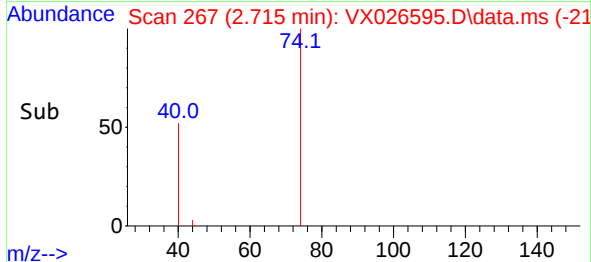
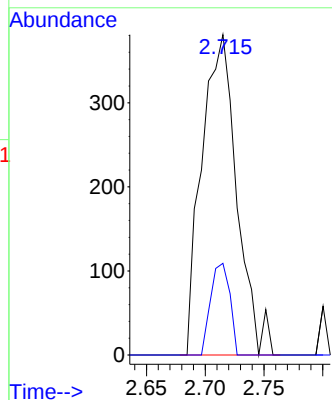
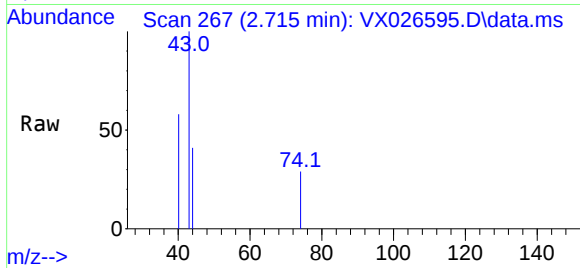




#18
Methyl Acetate
Concen: 0.415 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX026595.D
Acq: 26 Jan 2022 15:29

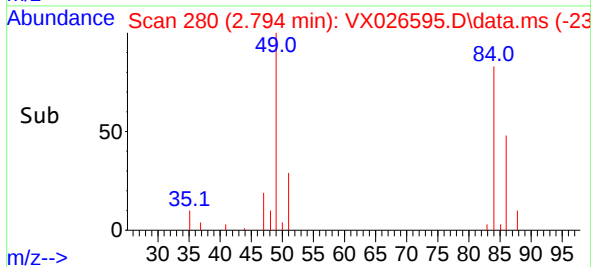
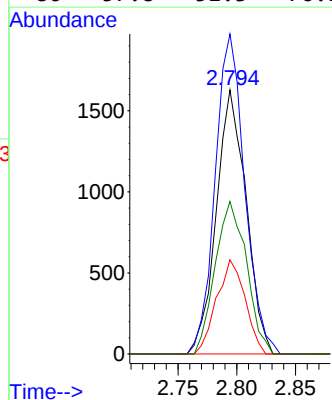
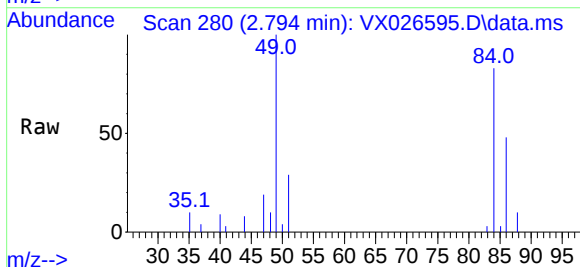
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#05

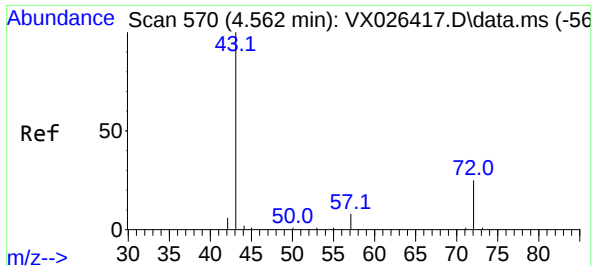
Tgt Ion: 43 Resp: 791
Ion Ratio Lower Upper
43 100
74 15.5 18.3 27.5#



#20
Methylene Chloride
Concen: 1.818 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026595.D
Acq: 26 Jan 2022 15:29

Tgt Ion: 84 Resp: 2880
Ion Ratio Lower Upper
84 100
49 121.2 101.5 152.3
51 35.7 31.2 46.8
86 57.8 51.3 76.9





#25

2-Butanone

Concen: 2.801 ug/l

RT: 4.581 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX026595.D

Acq: 26 Jan 2022 15:29

Instrument :

MSVOA_X

ClientSampleId :

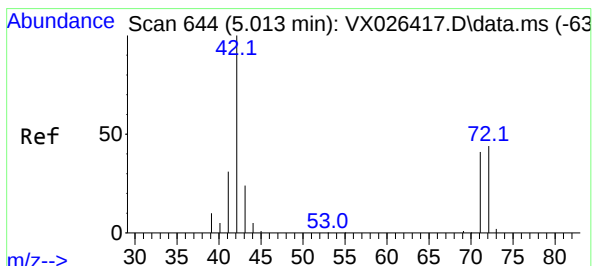
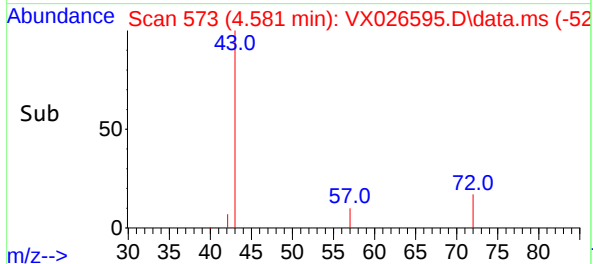
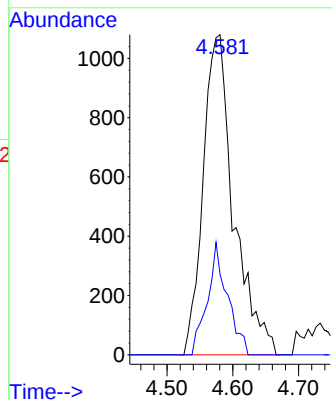
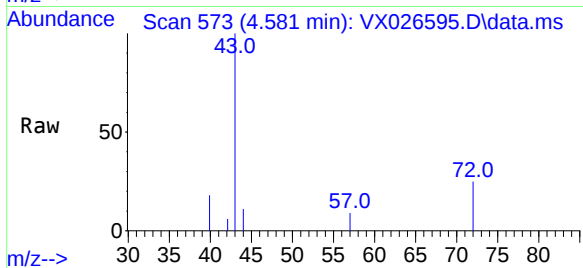
PB142265ZHE#05

Tgt Ion: 43 Resp: 3493

Ion Ratio Lower Upper

43 100

72 25.2 20.4 30.6



#29

Tetrahydrofuran

Concen: 0.294 ug/l

RT: 5.026 min Scan# 646

Delta R.T. 0.012 min

Lab File: VX026595.D

Acq: 26 Jan 2022 15:29

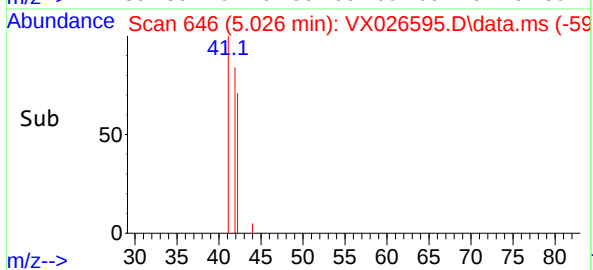
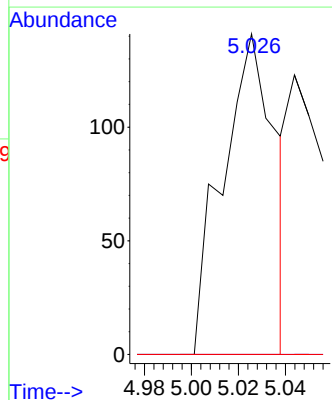
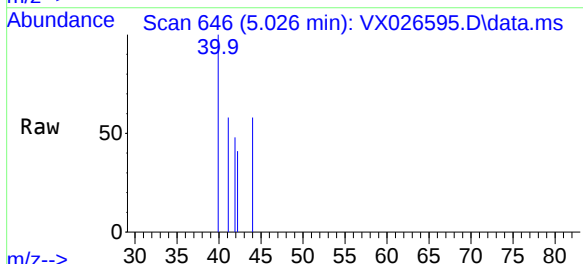
Tgt Ion: 42 Resp: 218

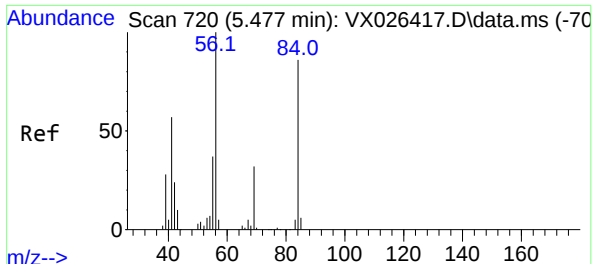
Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

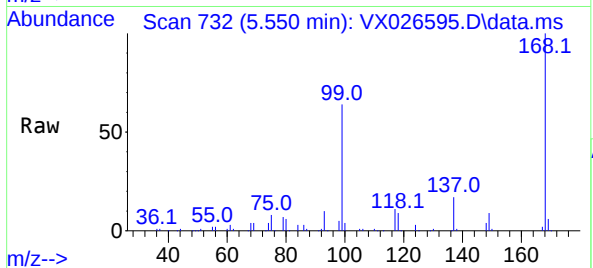
71 0.0 31.8 47.8#



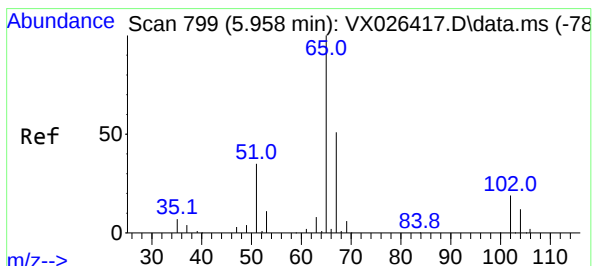
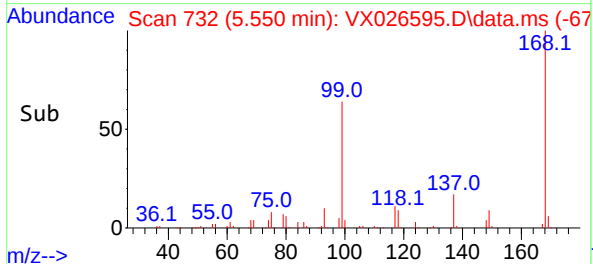
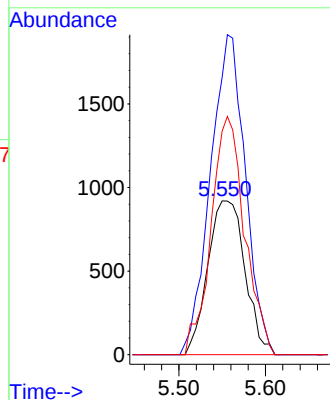


#31
Cyclohexane
Concen: 0.992 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX026595.D
Acq: 26 Jan 2022 15:29

Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#05

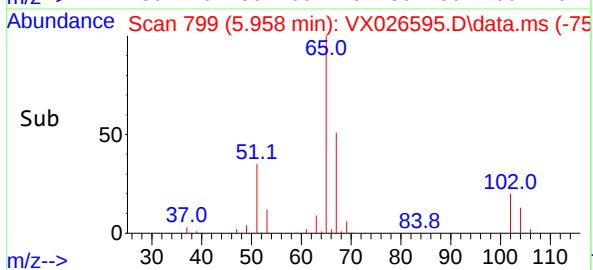
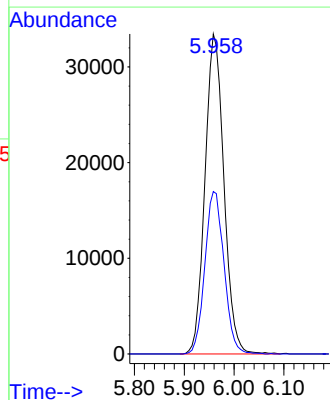
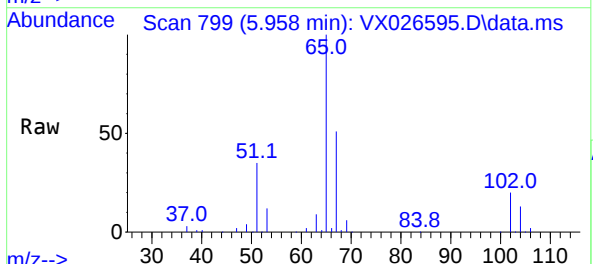


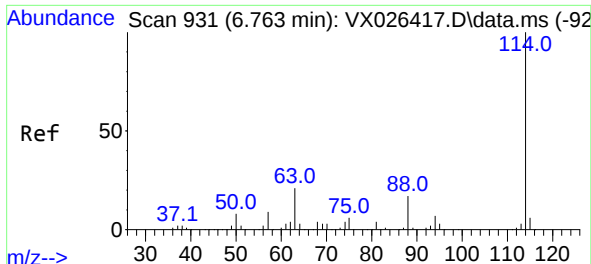
Tgt Ion: 56 Resp: 2752
Ion Ratio Lower Upper
56 100
69 180.2 25.8 38.6#
84 145.3 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 46.957 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026595.D
Acq: 26 Jan 2022 15:29

Tgt Ion: 65 Resp: 88283
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.8

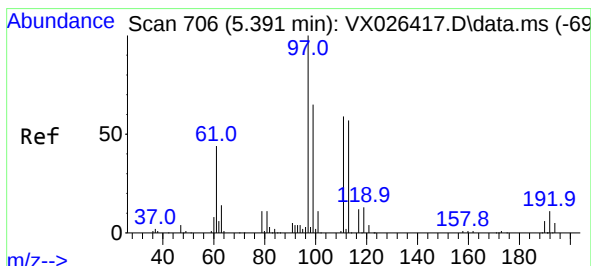
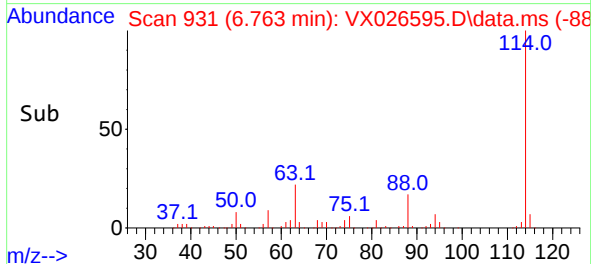
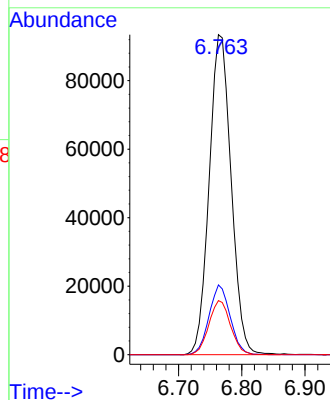
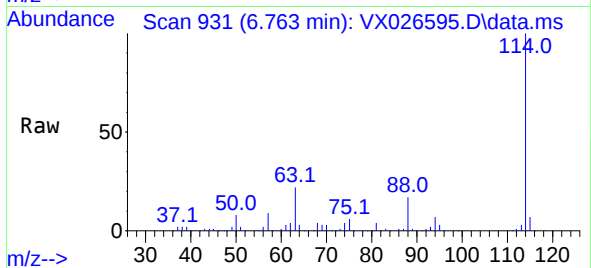




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX026595.D
Acq: 26 Jan 2022 15:29

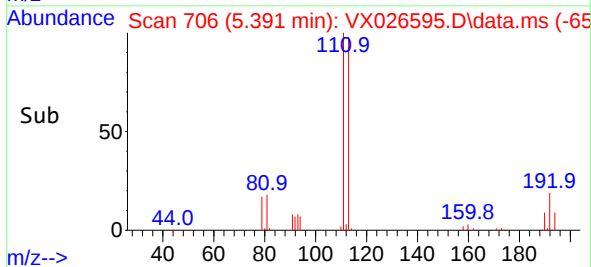
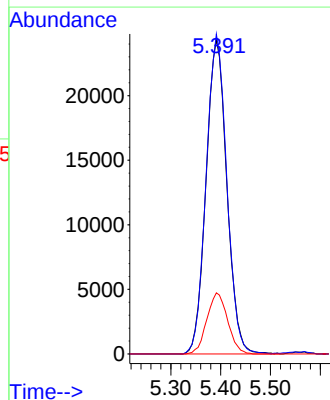
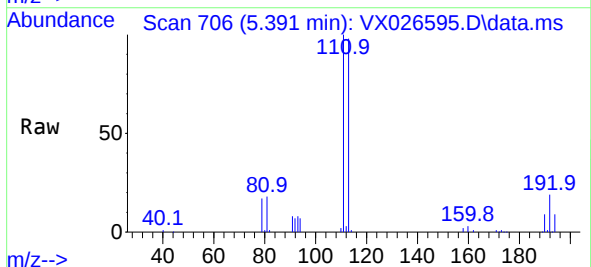
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#05

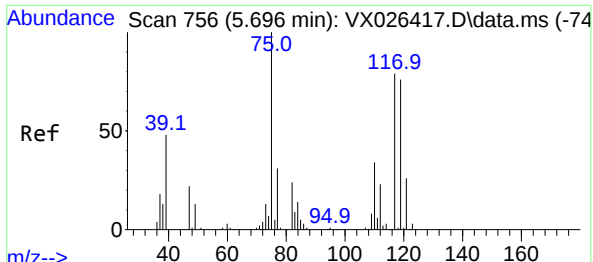
Tgt Ion:114 Resp: 224973
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.8
88 16.9 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.510 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026595.D
Acq: 26 Jan 2022 15:29

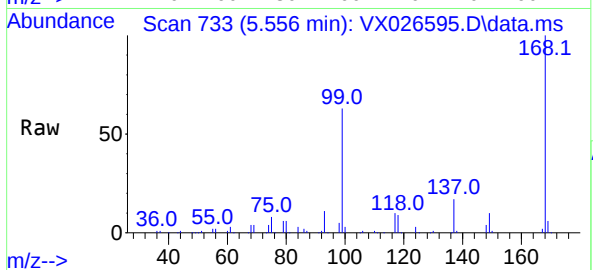
Tgt Ion:113 Resp: 70475
Ion Ratio Lower Upper
113 100
111 101.0 81.2 121.8
192 19.4 15.0 22.4



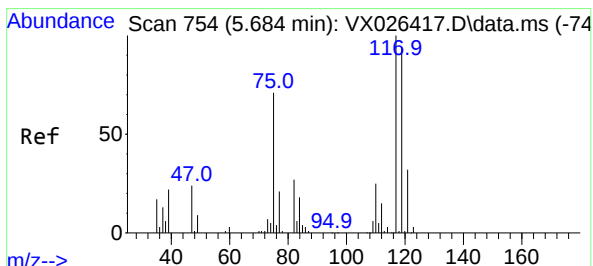
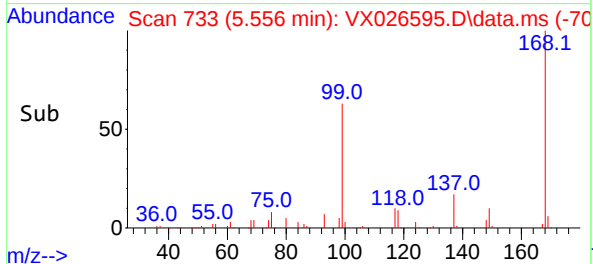
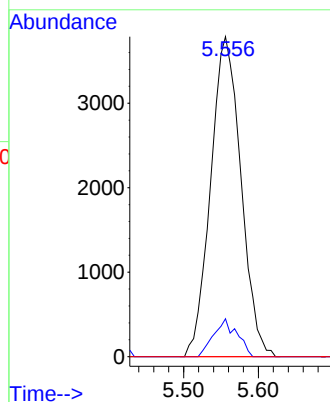


#36
1,1-Dichloropropene
Concen: 4.646 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX026595.D
Acq: 26 Jan 2022 15:29

Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#05

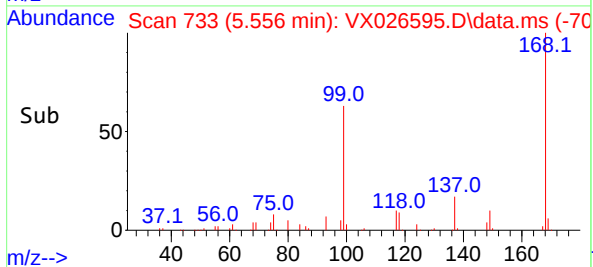
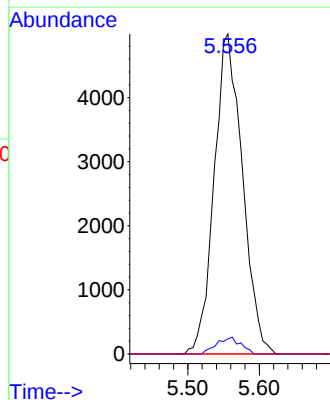
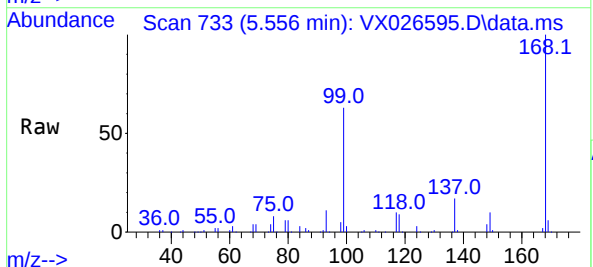


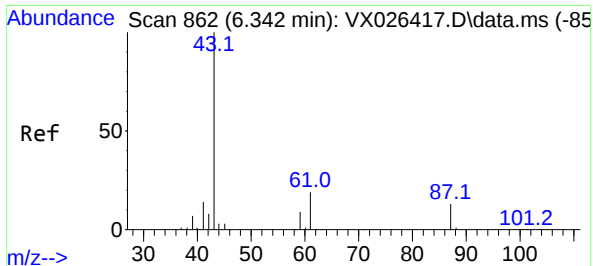
Tgt Ion: 75 Resp: 10656
Ion Ratio Lower Upper
75 100
110 9.2 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.801 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026595.D
Acq: 26 Jan 2022 15:29

Tgt Ion: 117 Resp: 13685
Ion Ratio Lower Upper
117 100
119 4.7 74.7 112.1#
121 0.0 25.4 38.0#

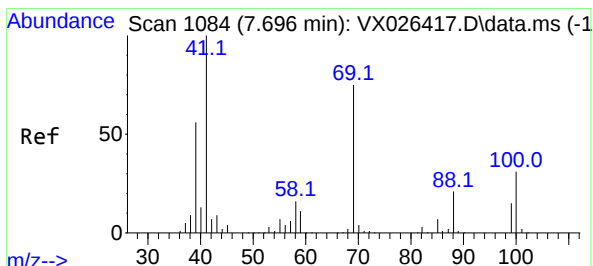
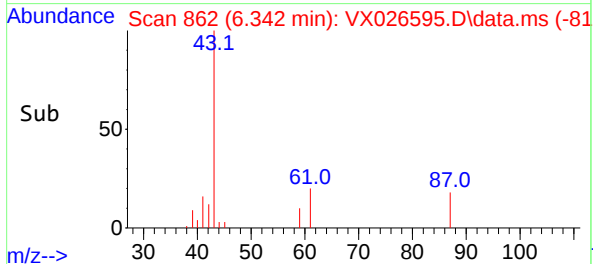
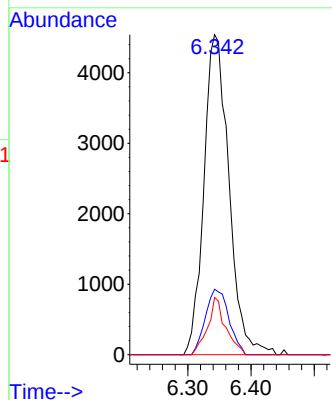
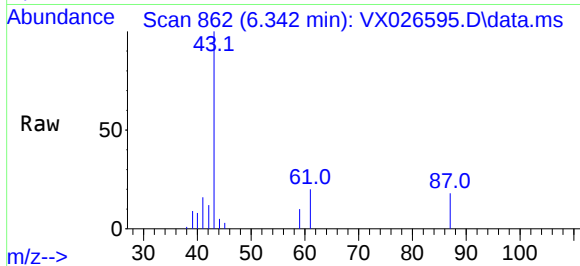




#43
Isopropyl Acetate
Concen: 3.331 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX026595.D
Acq: 26 Jan 2022 15:29

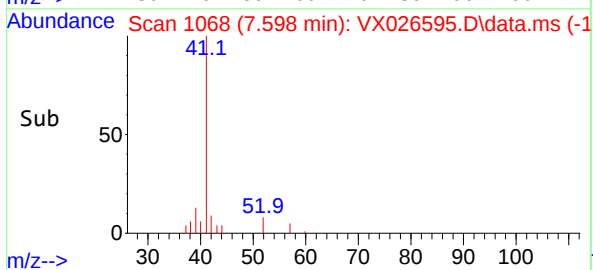
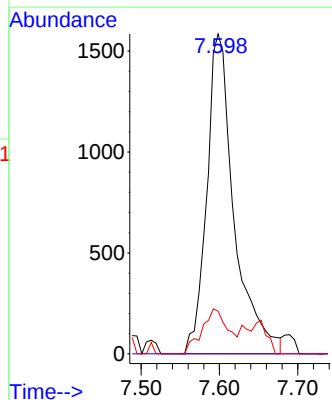
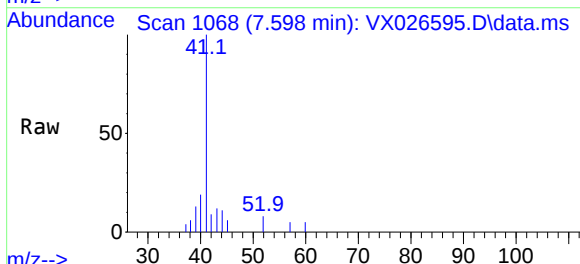
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#05

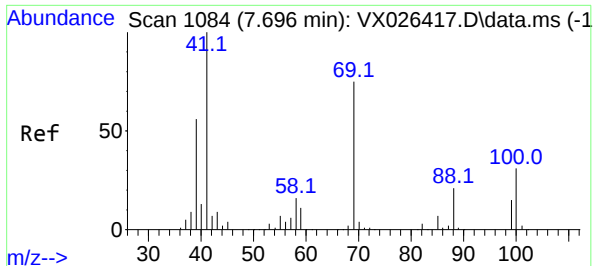
Tgt Ion: 43 Resp: 12483
Ion Ratio Lower Upper
43 100
61 19.1 15.4 23.0
87 12.9 10.2 15.2



#48
Methyl methacrylate
Concen: 2.073 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.097 min
Lab File: VX026595.D
Acq: 26 Jan 2022 15:29

Tgt Ion: 41 Resp: 3850
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 0.0 45.4 68.0#

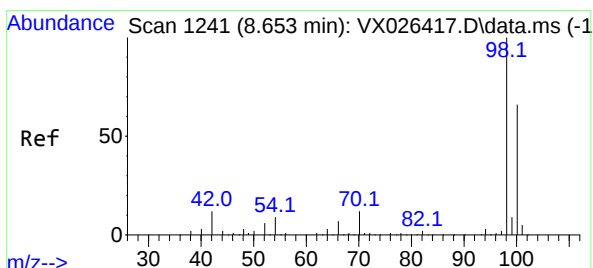
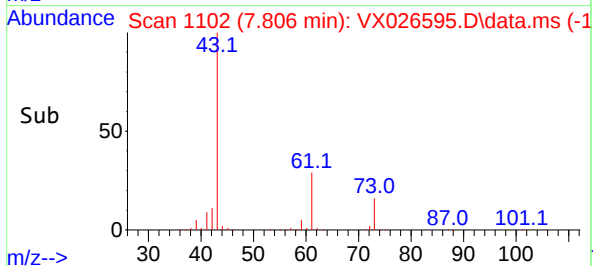
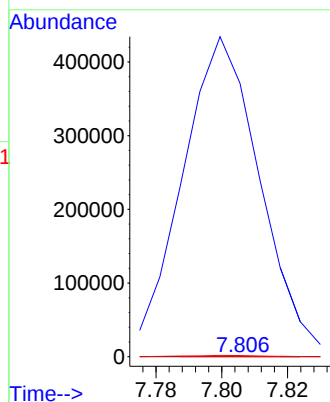
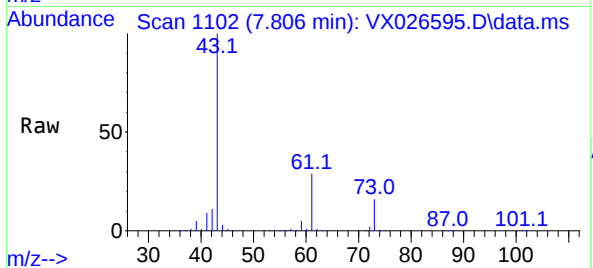




#49
1,4-Dioxane
Concen: 1.345 ug/l
RT: 7.806 min Scan# 1102
Delta R.T. 0.110 min
Lab File: VX026595.D
Acq: 26 Jan 2022 15:29

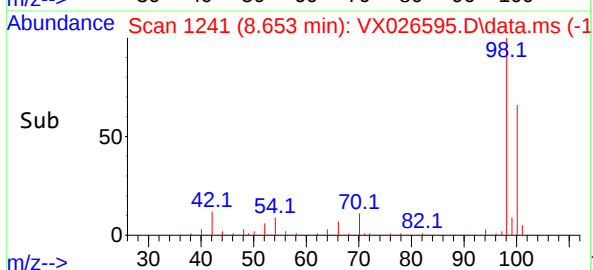
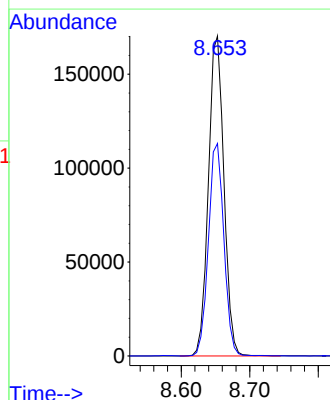
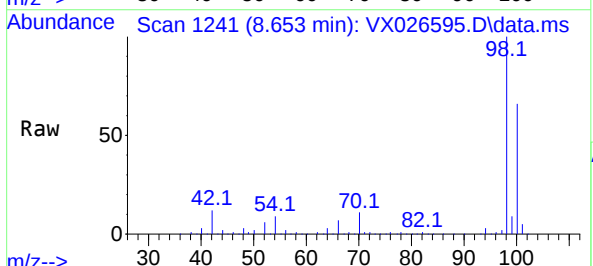
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#05

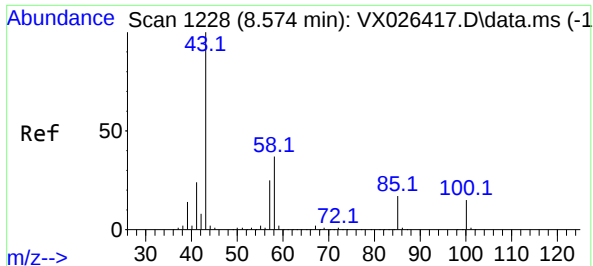
Tgt Ion: 88 Resp: 41
Ion Ratio Lower Upper
88 100
43 1773519.5 29.9 44.9#
58 6512.2 57.8 86.6#



#50
Toluene-d8
Concen: 51.198 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026595.D
Acq: 26 Jan 2022 15:29

Tgt Ion: 98 Resp: 268039
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8

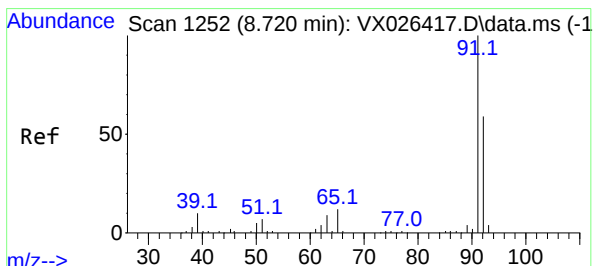
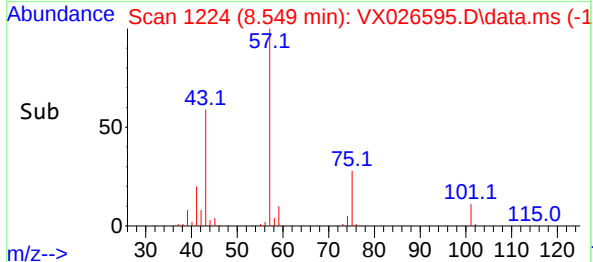
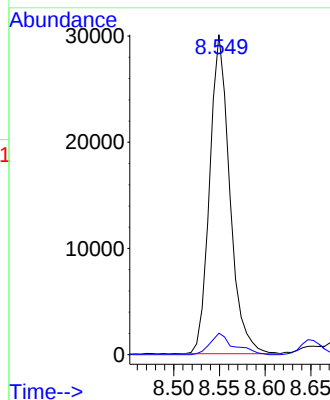
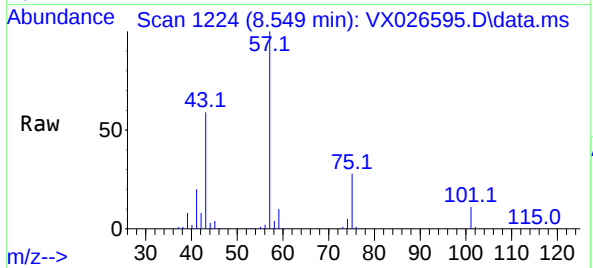




#51
4-Methyl-2-Pentanone
Concen: 20.627 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026595.D
Acq: 26 Jan 2022 15:29

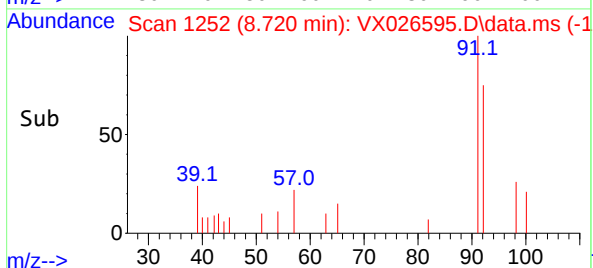
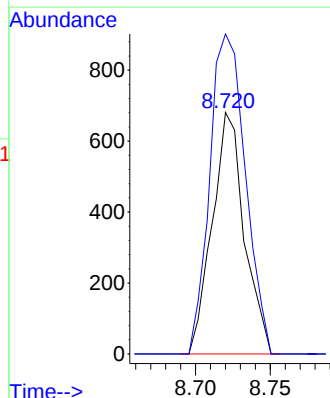
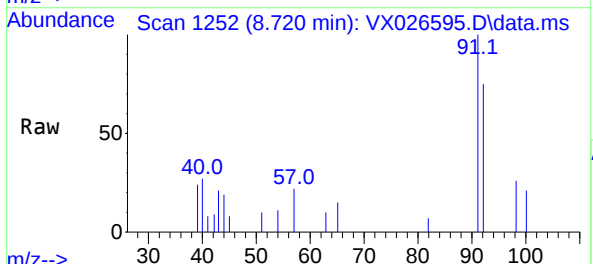
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#05

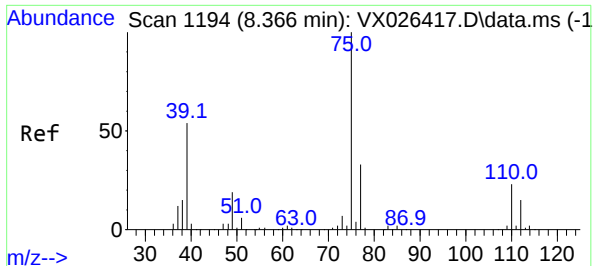
Tgt Ion: 43 Resp: 45851
Ion Ratio Lower Upper
43 100
58 7.9 30.5 45.7#



#52
Toluene
Concen: 0.261 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX026595.D
Acq: 26 Jan 2022 15:29

Tgt Ion: 92 Resp: 1013
Ion Ratio Lower Upper
92 100
91 147.6 135.7 203.5

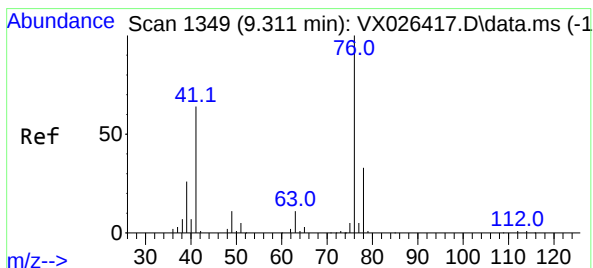
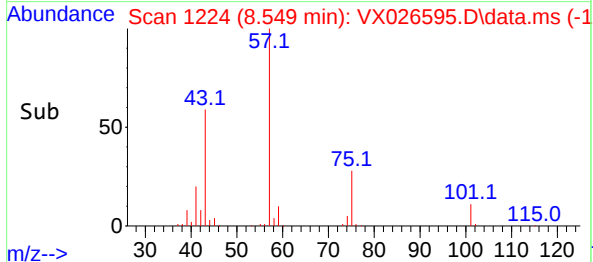
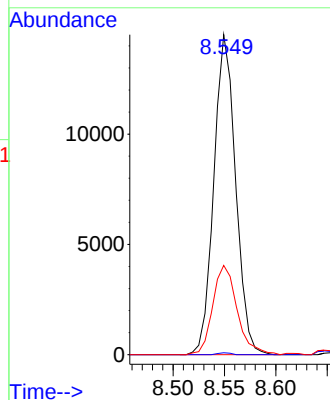
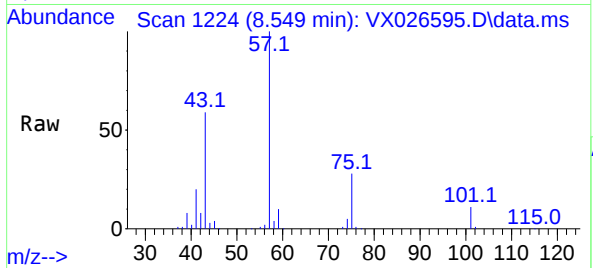




#54
cis-1,3-Dichloropropene
Concen: 8.818 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.183 min
Lab File: VX026595.D
Acq: 26 Jan 2022 15:29

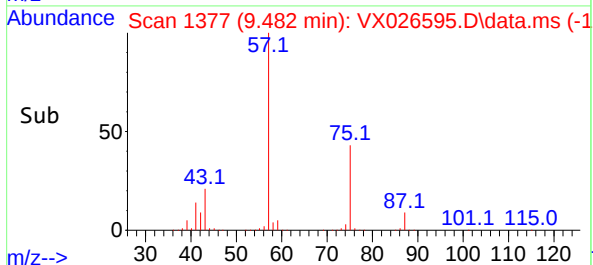
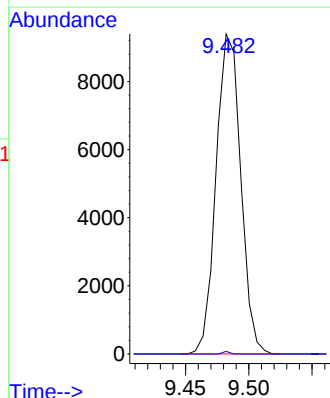
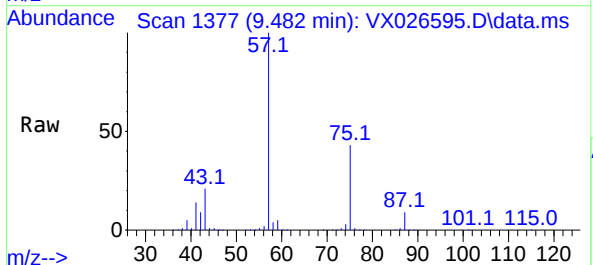
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#05

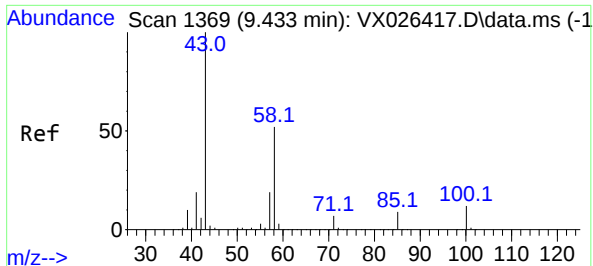
Tgt Ion: 75 Resp: 21346
Ion Ratio Lower Upper
75 100
77 0.6 26.2 39.2#
39 27.9 43.5 65.3#



#57
1,3-Dichloropropane
Concen: 4.833 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX026595.D
Acq: 26 Jan 2022 15:29

Tgt Ion: 76 Resp: 12711
Ion Ratio Lower Upper
76 100
78 0.2 25.7 38.5#





#59

2-Hexanone

Concen: 103.490 ug/l

RT: 9.482 min Scan# 11

Delta R.T. 0.049 min

Lab File: VX026595.D

Acq: 26 Jan 2022 15:29

Instrument :

MSVOA_X

ClientSampleId :

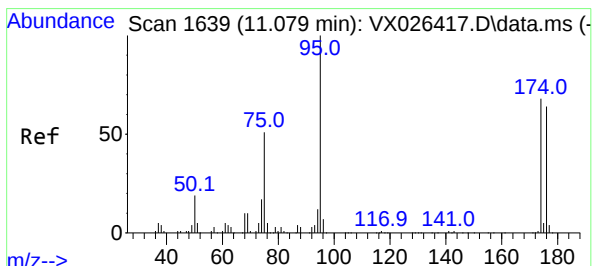
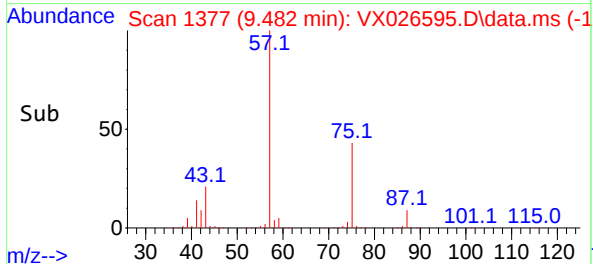
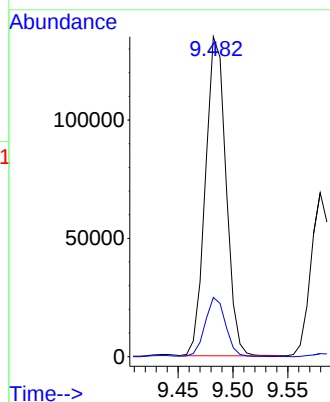
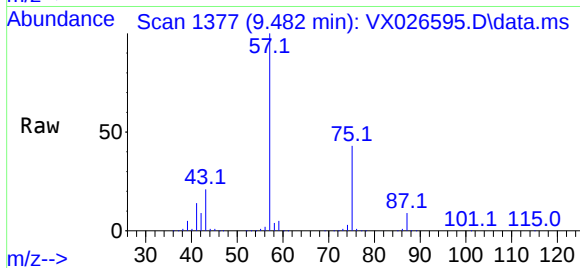
PB142265ZHE#05

Tgt Ion: 43 Resp: 176068

Ion Ratio Lower Upper

43 100

58 18.6 26.4 79.2#



#62

4-Bromofluorobenzene

Concen: 52.061 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX026595.D

Acq: 26 Jan 2022 15:29

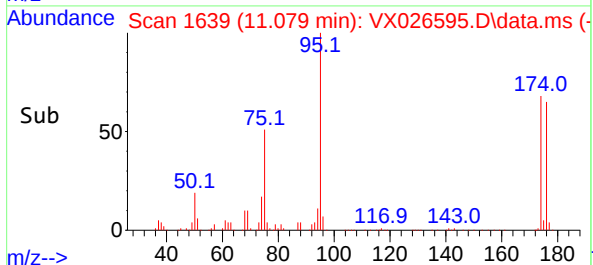
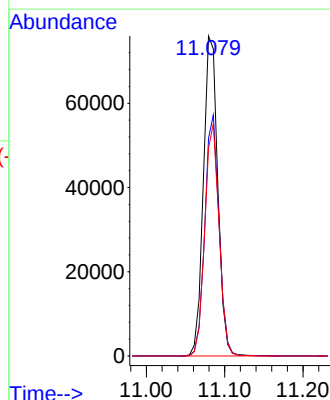
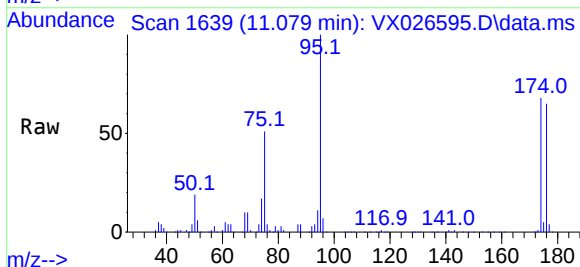
Tgt Ion: 95 Resp: 96822

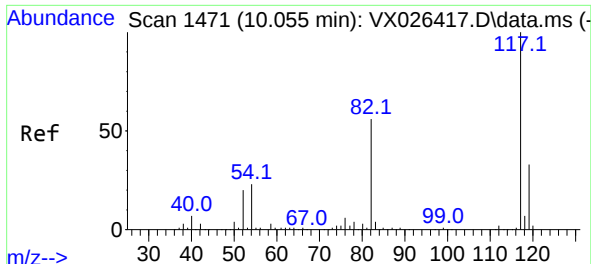
Ion Ratio Lower Upper

95 100

174 74.2 0.0 148.6

176 71.9 0.0 141.4

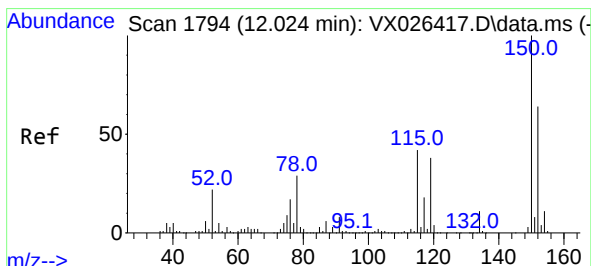
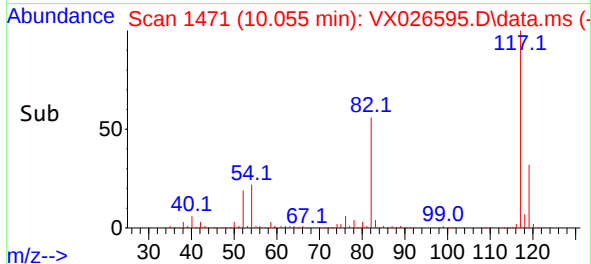
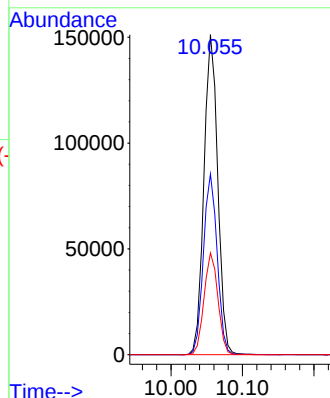
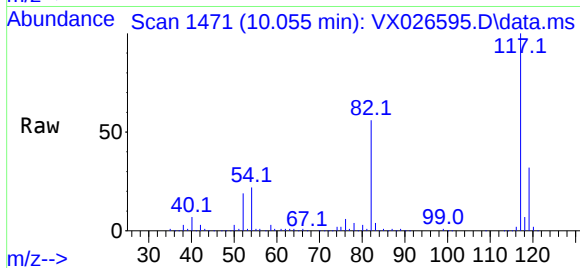




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026595.D
Acq: 26 Jan 2022 15:29

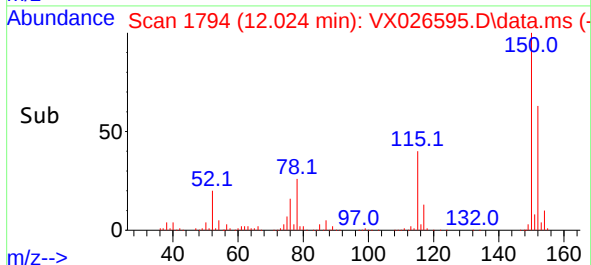
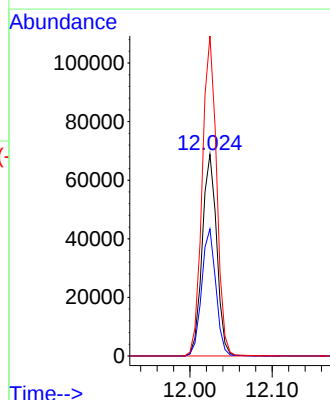
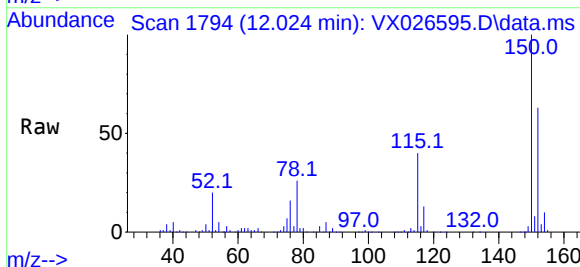
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#05

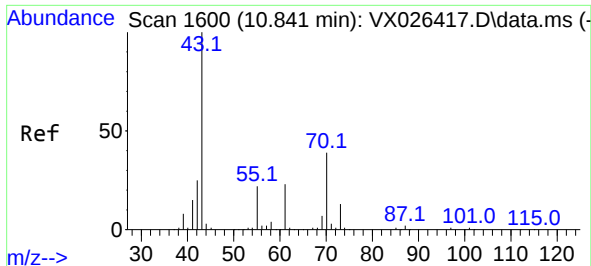
Tgt Ion:117 Resp: 203145
Ion Ratio Lower Upper
117 100
82 56.4 45.2 67.8
119 31.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026595.D
Acq: 26 Jan 2022 15:29

Tgt Ion:152 Resp: 84233
Ion Ratio Lower Upper
152 100
115 61.8 44.2 132.6
150 158.0 0.0 348.2

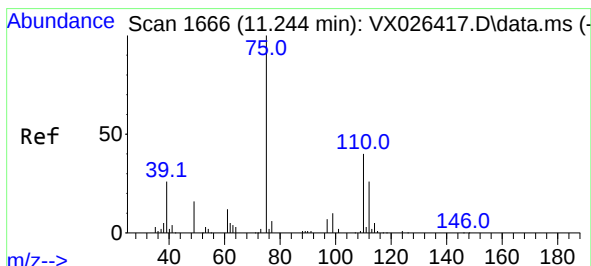
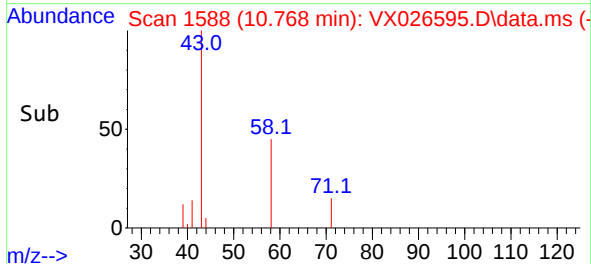
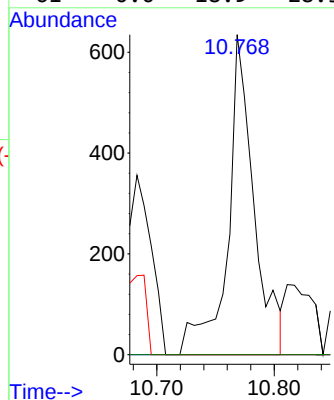
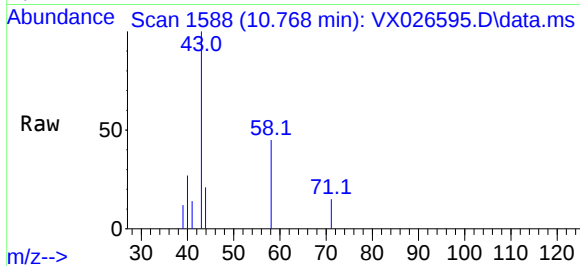




#74
N-amy1 acetate
Concen: 0.368 ug/l
RT: 10.768 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX026595.D
Acq: 26 Jan 2022 15:29

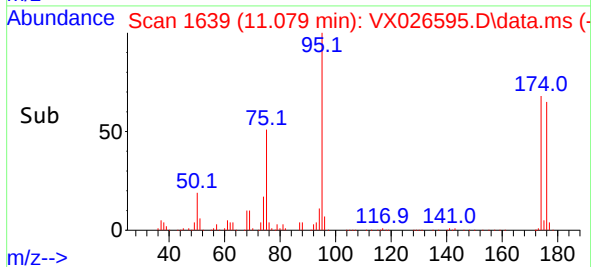
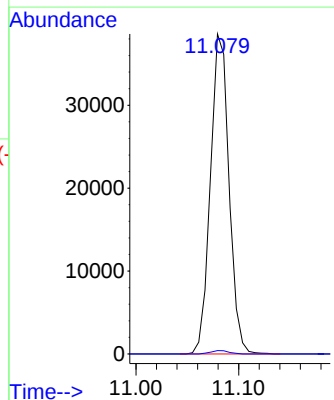
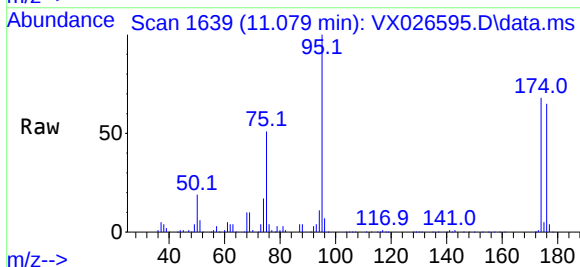
Instrument :
MSVOA_X
ClientSampleId :
PB142265ZHE#05

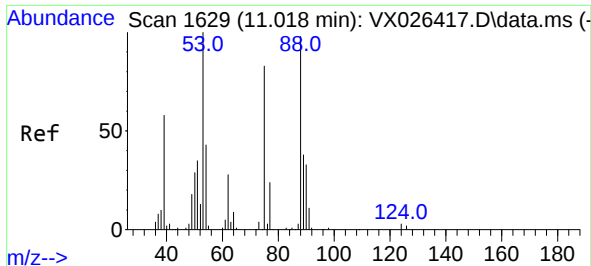
Tgt Ion:	43	Resp:	980
Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.9	49.3#
55	0.0	18.3	27.5#
61	0.0	18.9	28.3#



#76
1,2,3-Trichloropropane
Concen: 26.130 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX026595.D
Acq: 26 Jan 2022 15:29

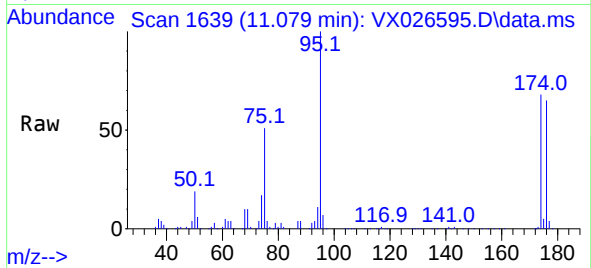
Tgt Ion:	75	Resp:	48462
Ion	Ratio	Lower	Upper
75	100		
77	1.1	18.3	54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.201 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX026595.D
 Acq: 26 Jan 2022 15:29

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142265ZHE#05



Tgt Ion: 75 Resp: 48462
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.1 37.0 55.4#

