

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020122\
 Data File : VX026715.D
 Acq On : 01 Feb 2022 18:25
 Operator : JC/MD
 Sample : PB142403ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142403ZHE#08

Quant Time: Feb 02 04:37:24 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)

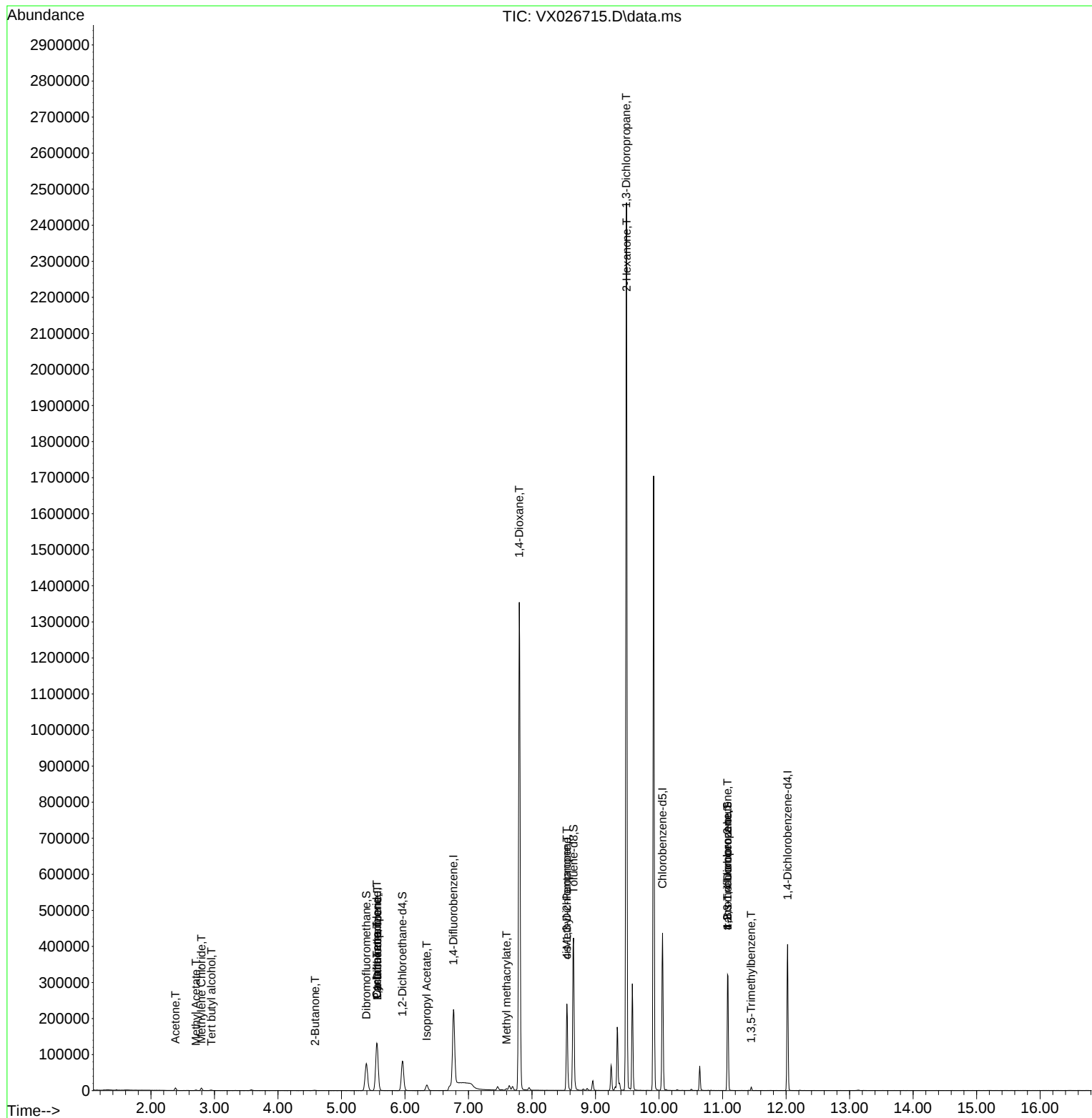
Internal Standards						
1) Pentafluorobenzene	5.562	168	125155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	212172	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80174	45.858	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.720%
35) Dibromofluoromethane	5.391	113	65321	47.675	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.340%
50) Toluene-d8	8.653	98	249304	50.493	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.980%
62) 4-Bromofluorobenzene	11.079	95	91809	52.344	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.680%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	959	3.943	ug/l #	75
16) Acetone	2.386	43	7977	8.947	ug/l	93
18) Methyl Acetate	2.709	43	2257	1.273	ug/l #	87
20) Methylene Chloride	2.794	84	3101	2.105	ug/l	96
25) 2-Butanone	4.587	43	1648	1.421	ug/l #	89
31) Cyclohexane	5.556	56	2346	0.910	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	9333	4.315	ug/l #	51
38) Carbon Tetrachloride	5.556	117	12731	5.722	ug/l #	17
43) Isopropyl Acetate	6.342	43	21946	6.209	ug/l	99
48) Methyl methacrylate	7.598	41	6187	3.532	ug/l #	16
49) 1,4-Dioxane	7.799	88	160	5.566	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	80415	38.359	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	38139	16.706	ug/l #	54
57) 1,3-Dichloropropane	9.482	76	22068	8.897	ug/l #	43
59) 2-Hexanone	9.488	43	305946	190.680	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	45517	24.701	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	3946	0.698	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.079	75	45517	75.141	ug/l #	3

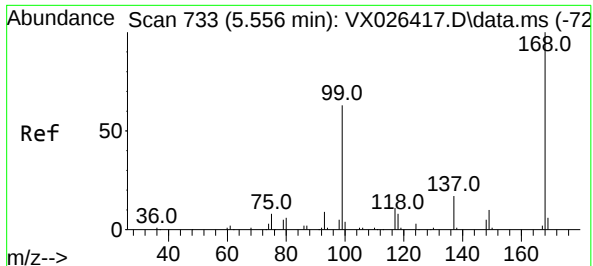
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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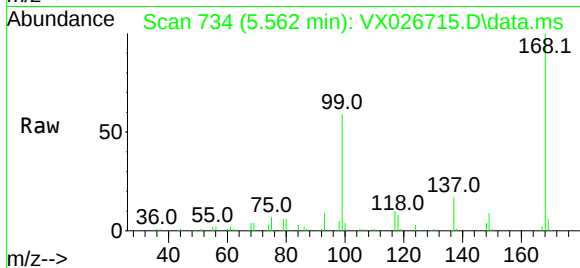
Quant Time: Feb 02 04:37:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration



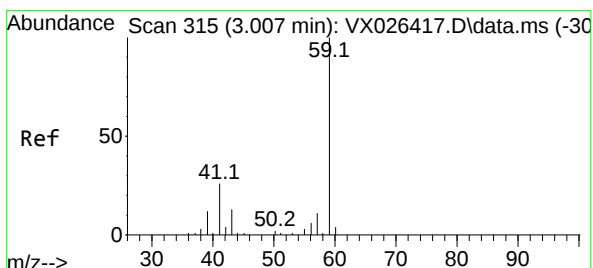
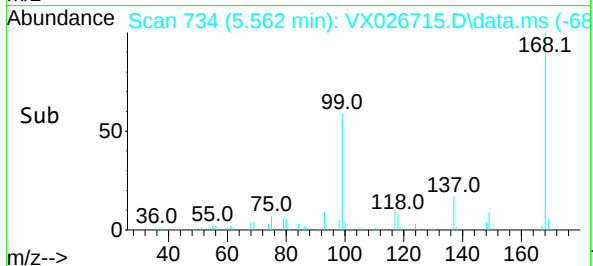
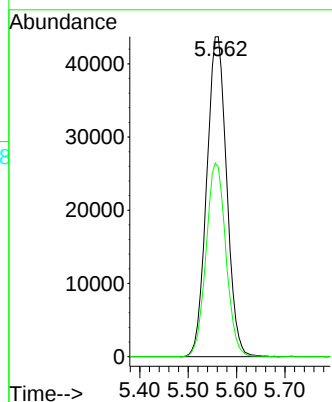


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026715.D
Acq: 01 Feb 2022 18:25

Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#08

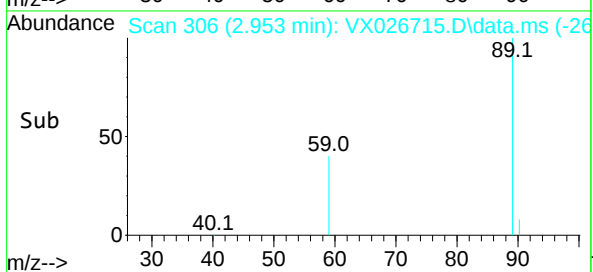
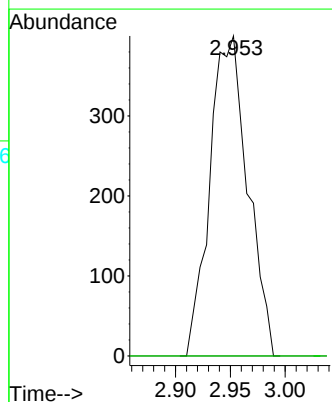
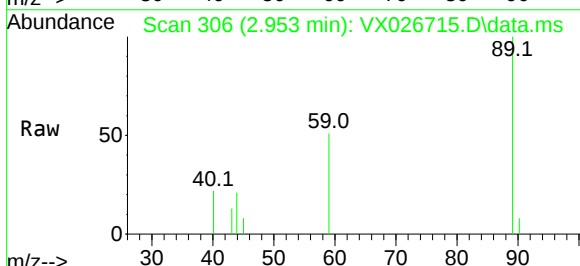


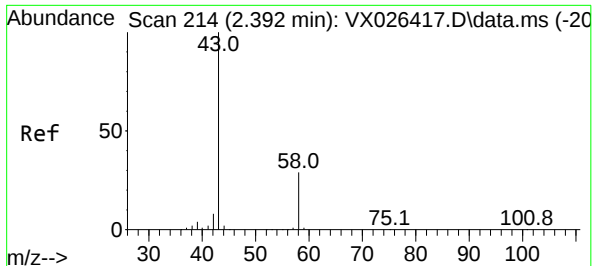
Tgt Ion:168 Resp: 125155
Ion Ratio Lower Upper
168 100
99 59.3 50.3 75.5



#11
Tert butyl alcohol
Concen: 3.943 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.054 min
Lab File: VX026715.D
Acq: 01 Feb 2022 18:25

Tgt Ion: 59 Resp: 959
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

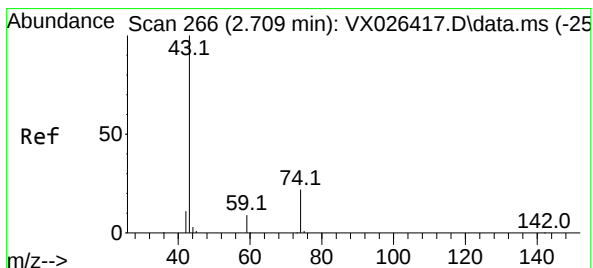
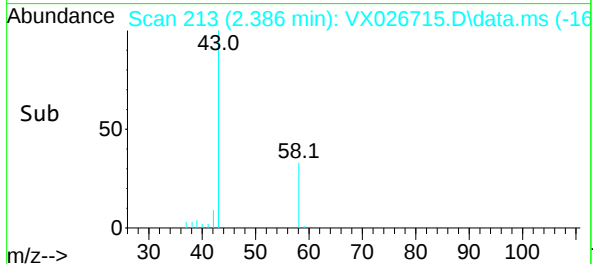
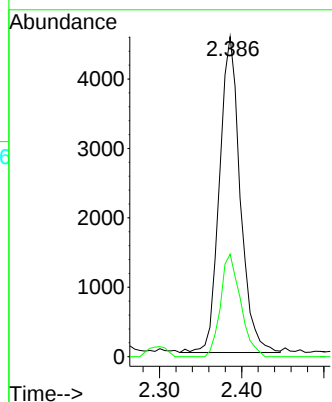
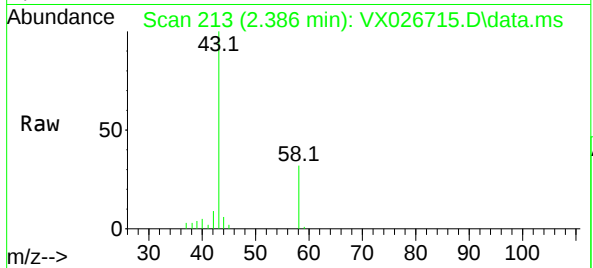




#16
Acetone
Concen: 8.947 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX026715.D
Acq: 01 Feb 2022 18:25

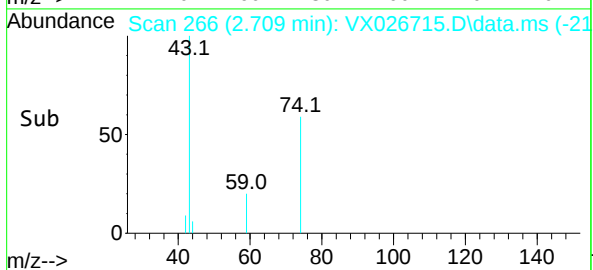
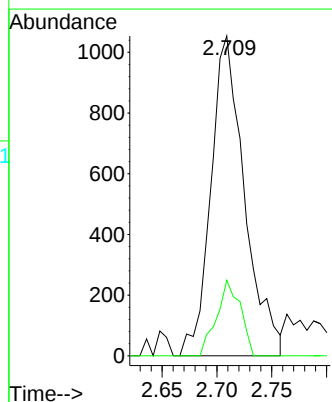
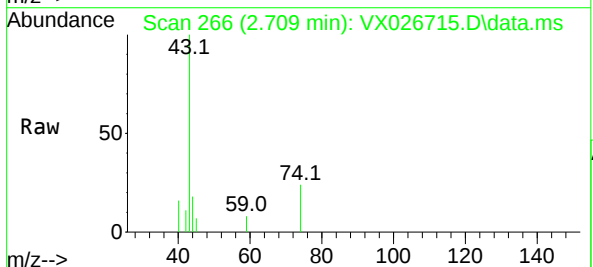
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#08

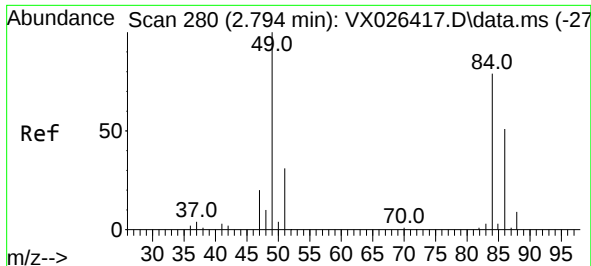
Tgt Ion: 43 Resp: 7977
Ion Ratio Lower Upper
43 100
58 32.5 23.0 34.6



#18
Methyl Acetate
Concen: 1.273 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX026715.D
Acq: 01 Feb 2022 18:25

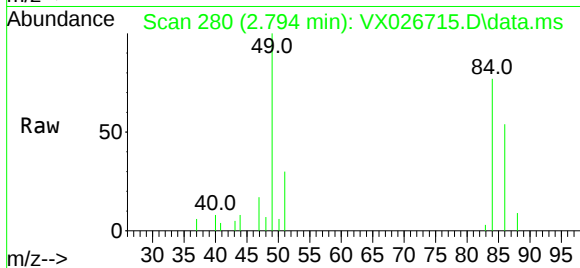
Tgt Ion: 43 Resp: 2257
Ion Ratio Lower Upper
43 100
74 16.6 18.3 27.5#



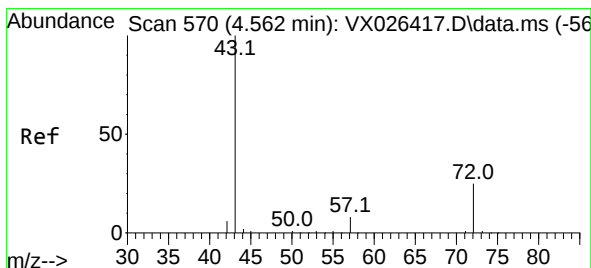
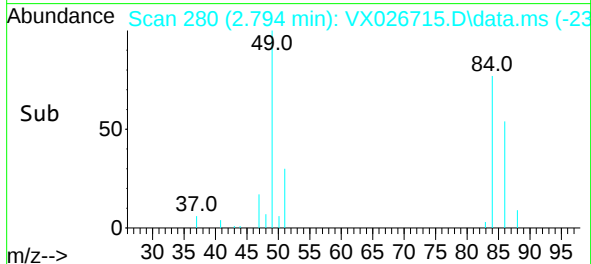
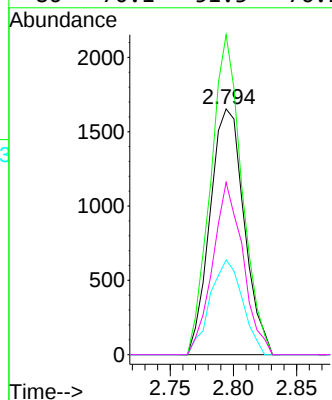


#20
Methylene Chloride
Concen: 2.105 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026715.D
Acq: 01 Feb 2022 18:25

Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#08

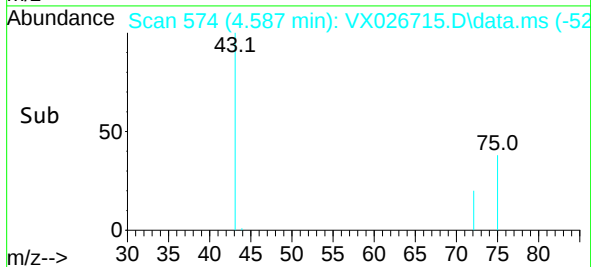
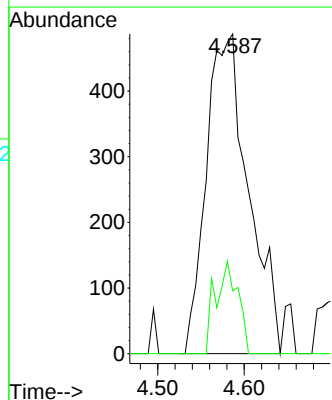
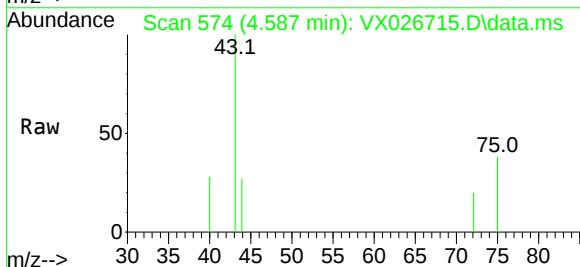


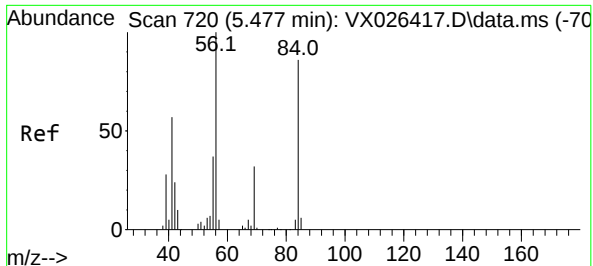
Tgt Ion:	84	Resp:	3101
Ion	Ratio	Lower	Upper
84	100		
49	130.2	101.5	152.3
51	38.5	31.2	46.8
86	70.1	51.3	76.9



#25
2-Butanone
Concen: 1.421 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.025 min
Lab File: VX026715.D
Acq: 01 Feb 2022 18:25

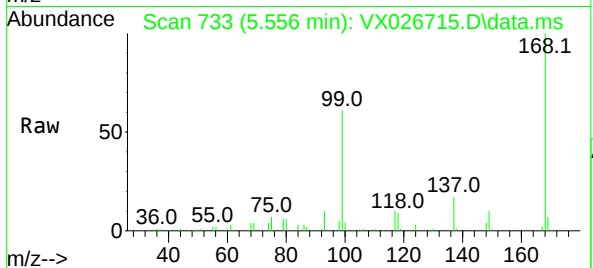
Tgt Ion:	43	Resp:	1648
Ion	Ratio	Lower	Upper
43	100		
72	19.7	20.4	30.6



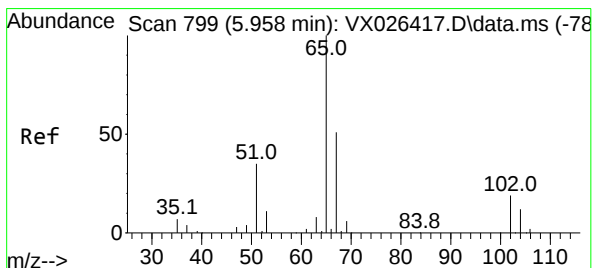
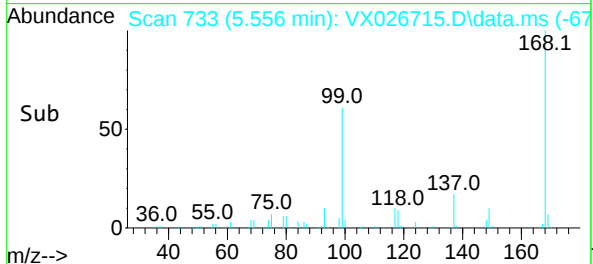
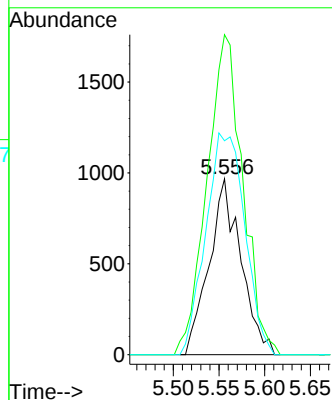


#31
Cyclohexane
Concen: 0.910 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.079 min
Lab File: VX026715.D
Acq: 01 Feb 2022 18:25

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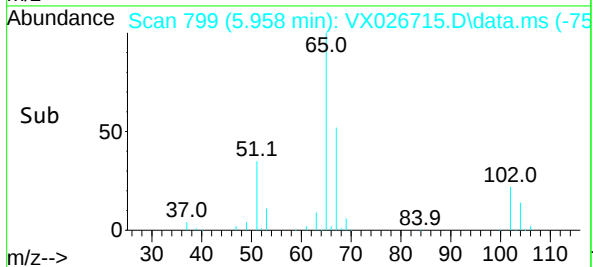
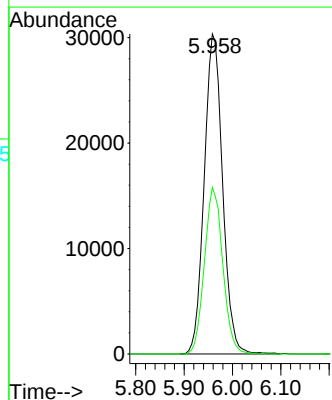
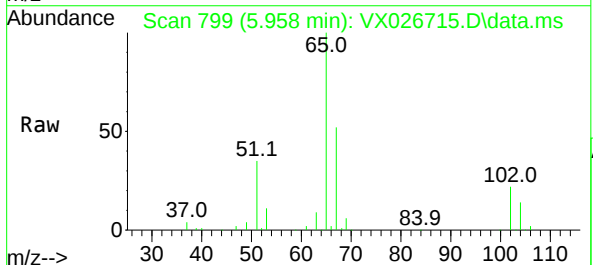


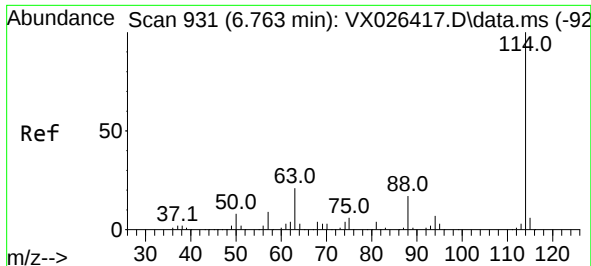
Tgt Ion: 56 Resp: 2346
Ion Ratio Lower Upper
56 100
69 181.9 25.8 38.6#
84 121.6 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 45.858 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026715.D
Acq: 01 Feb 2022 18:25

Tgt Ion: 65 Resp: 80174
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.8

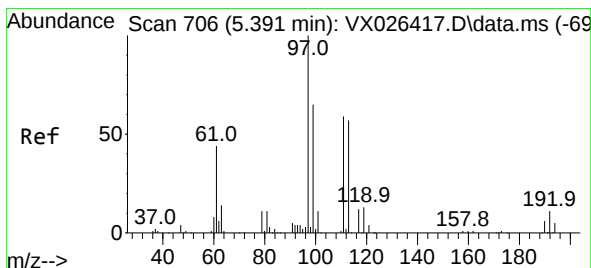
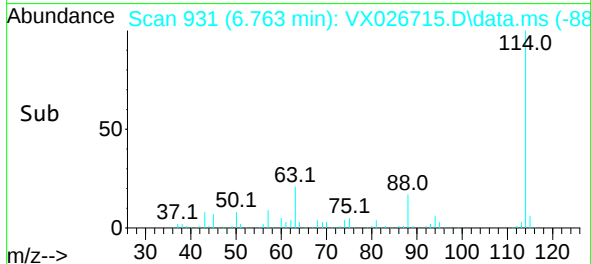
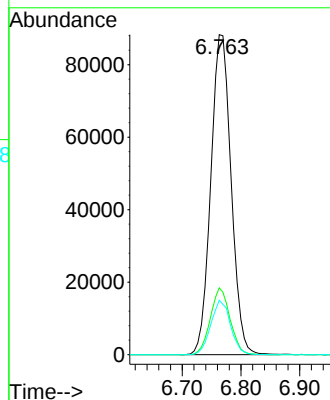
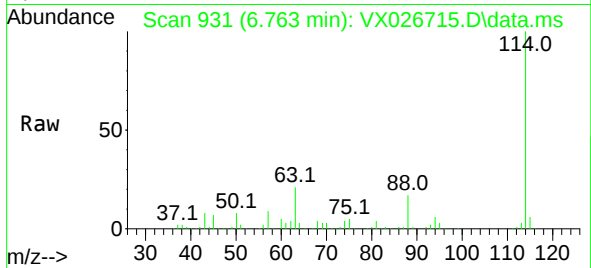




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX026715.D
Acq: 01 Feb 2022 18:25

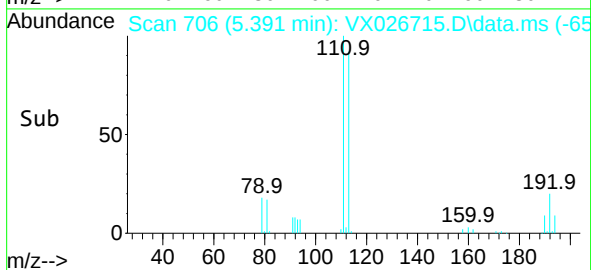
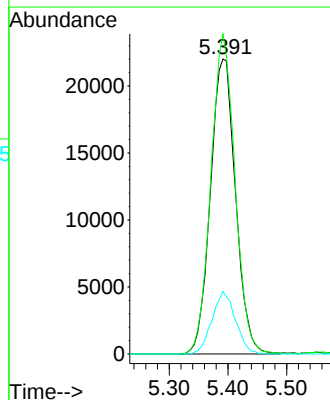
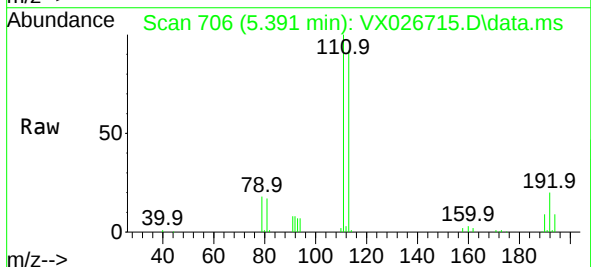
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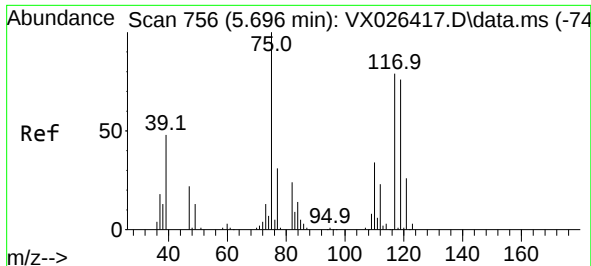
Tgt Ion:114 Resp: 212172
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.8
88 17.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.675 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026715.D
Acq: 01 Feb 2022 18:25

Tgt Ion:113 Resp: 65321
Ion Ratio Lower Upper
113 100
111 104.4 81.2 121.8
192 19.7 15.0 22.4

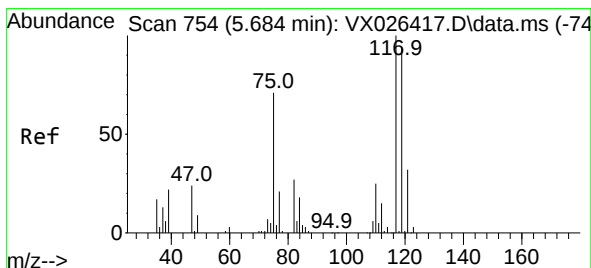
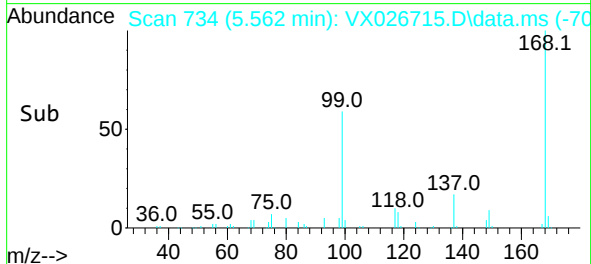
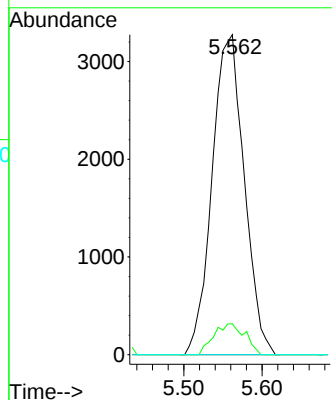
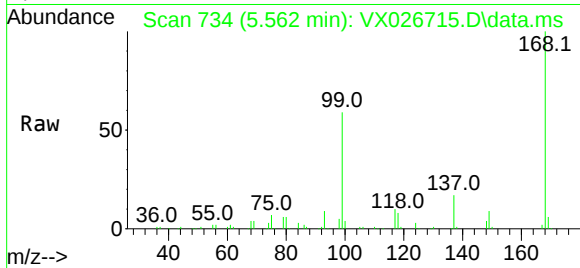




#36
1,1-Dichloropropene
Concen: 4.315 ug/l
RT: 5.562 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX026715.D
Acq: 01 Feb 2022 18:25

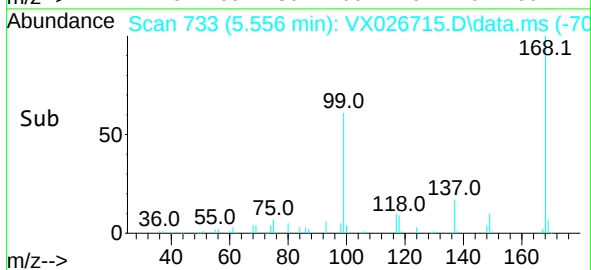
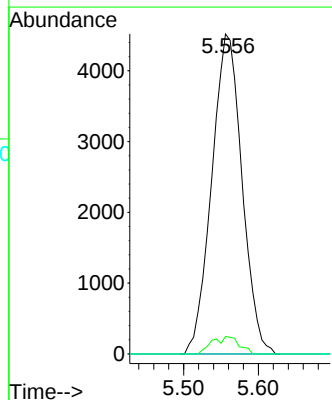
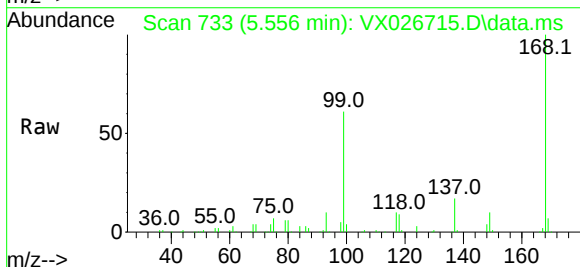
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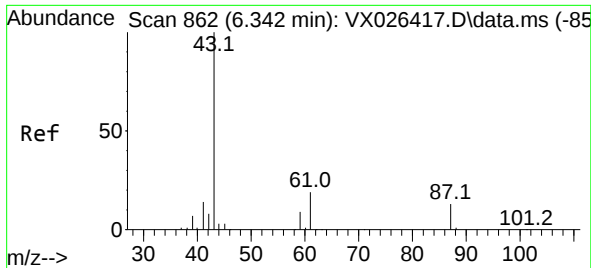
Tgt Ion: 75 Resp: 9333
Ion Ratio Lower Upper
75 100
110 9.4 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.722 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX026715.D
Acq: 01 Feb 2022 18:25

Tgt Ion: 117 Resp: 12731
Ion Ratio Lower Upper
117 100
119 5.4 74.7 112.1#
121 0.0 25.4 38.0#

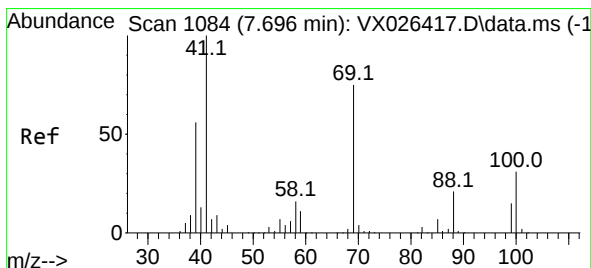
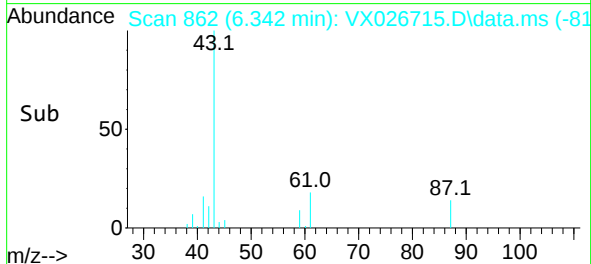
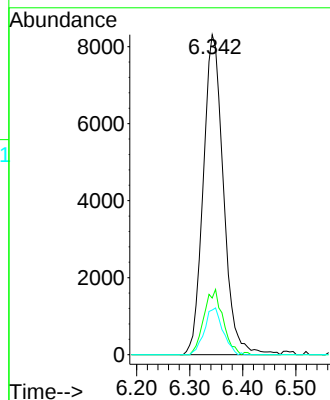
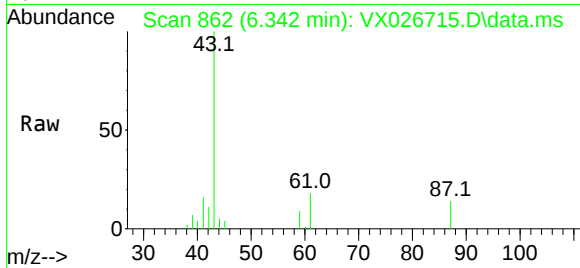




#43
Isopropyl Acetate
Concen: 6.209 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX026715.D
Acq: 01 Feb 2022 18:25

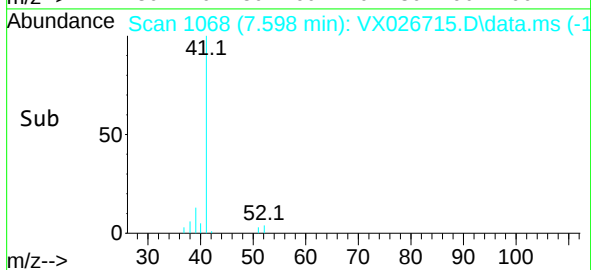
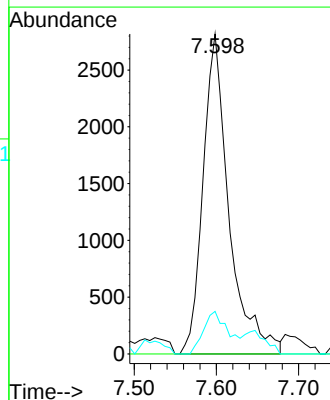
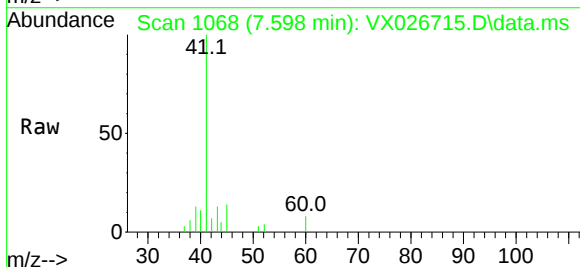
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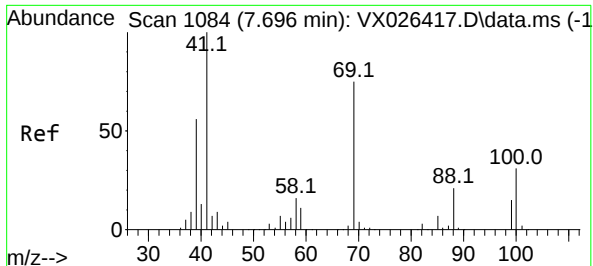
Tgt Ion: 43 Resp: 21946
Ion Ratio Lower Upper
43 100
61 19.2 15.4 23.0
87 13.3 10.2 15.2



#48
Methyl methacrylate
Concen: 3.532 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.097 min
Lab File: VX026715.D
Acq: 01 Feb 2022 18:25

Tgt Ion: 41 Resp: 6187
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: 5.566 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX026715.D

Acq: 01 Feb 2022 18:25

Instrument :

MSVOA_X

ClientSampleId :

PB142403ZHE#08

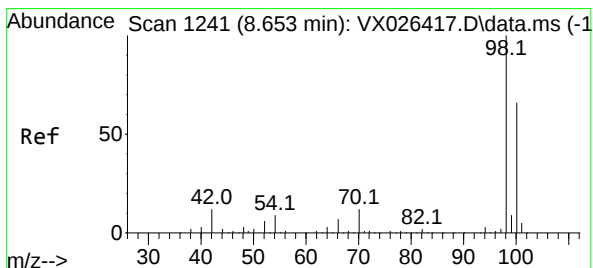
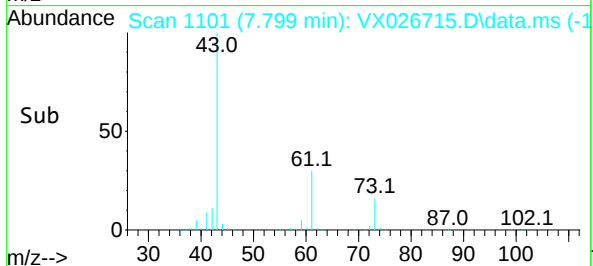
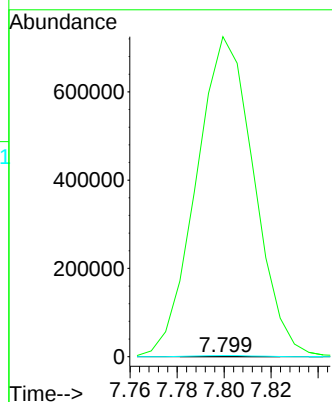
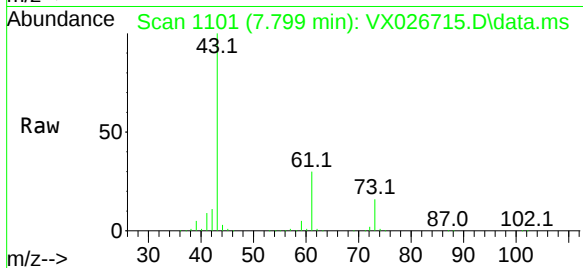
Tgt Ion: 88 Resp: 160

Ion Ratio Lower Upper

88 100

43 779811.3 29.9 44.9#

58 2910.6 57.8 86.6#



#50

Toluene-d8

Concen: 50.493 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026715.D

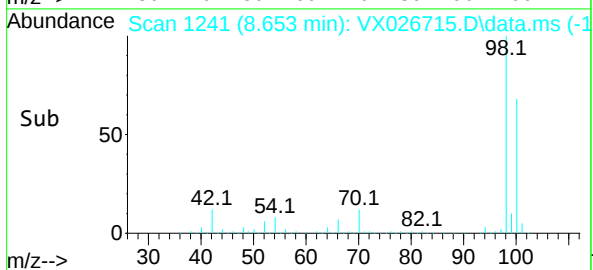
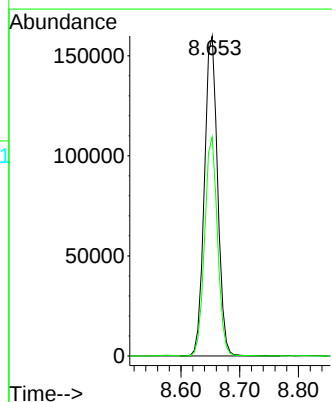
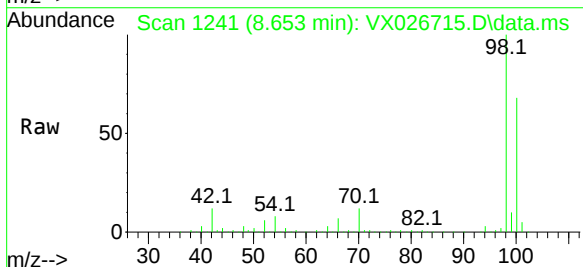
Acq: 01 Feb 2022 18:25

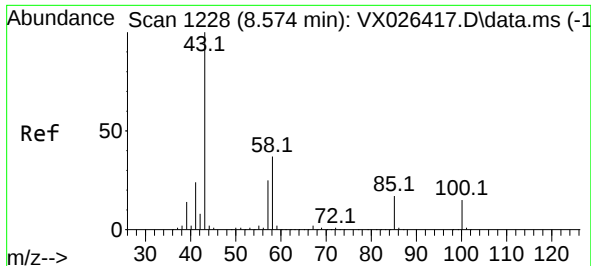
Tgt Ion: 98 Resp: 249304

Ion Ratio Lower Upper

98 100

100 67.1 53.2 79.8

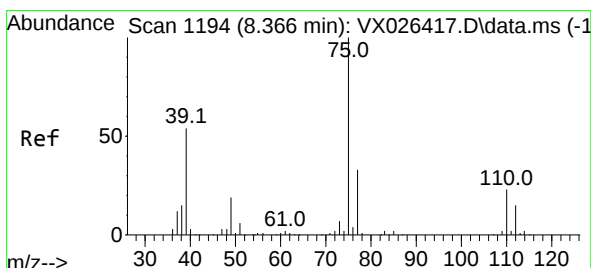
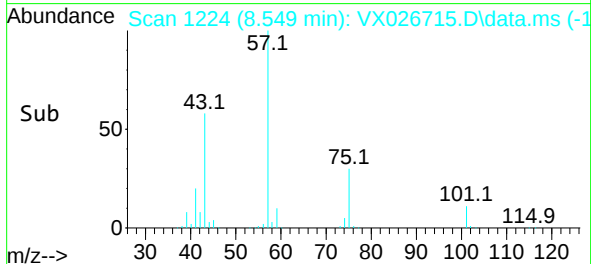
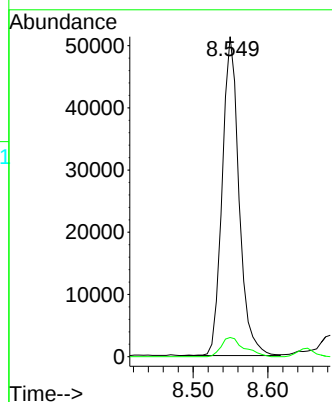
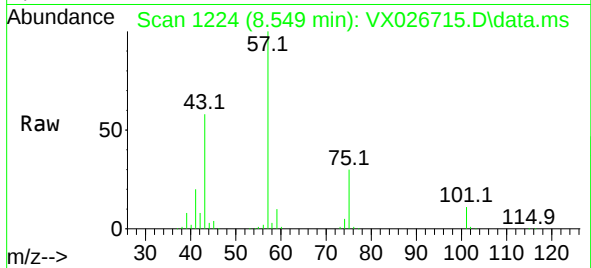




#51
4-Methyl-2-Pentanone
Concen: 38.359 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX026715.D
Acq: 01 Feb 2022 18:25

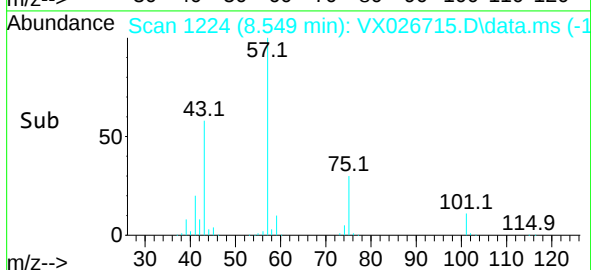
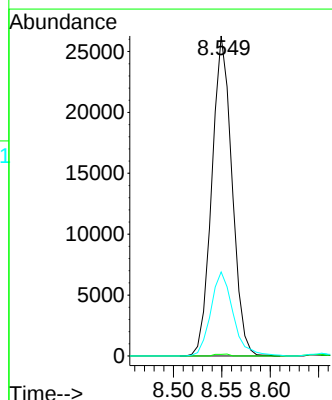
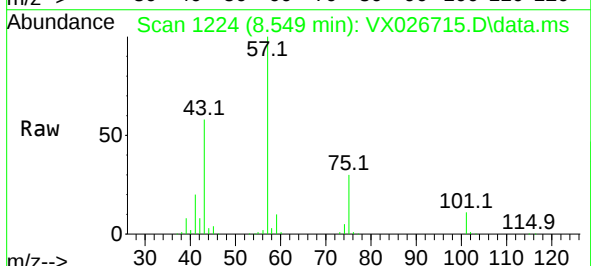
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#08

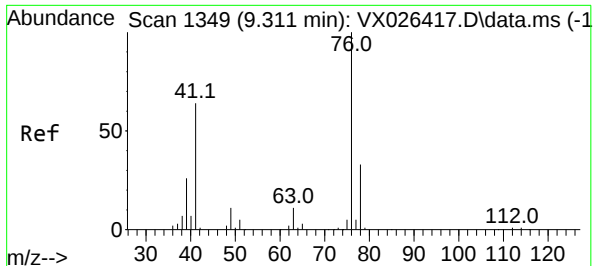
Tgt Ion: 43 Resp: 80415
Ion Ratio Lower Upper
43 100
58 8.1 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 16.706 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX026715.D
Acq: 01 Feb 2022 18:25

Tgt Ion: 75 Resp: 38139
Ion Ratio Lower Upper
75 100
77 0.5 26.2 39.2#
39 26.3 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 8.897 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026715.D

Acq: 01 Feb 2022 18:25

Instrument :

MSVOA_X

ClientSampleId :

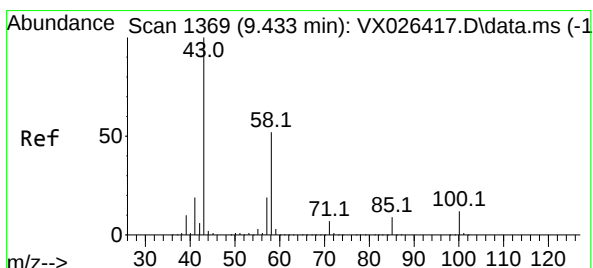
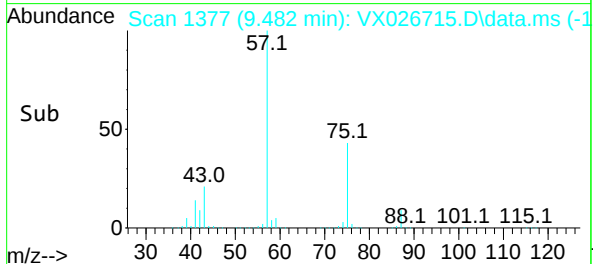
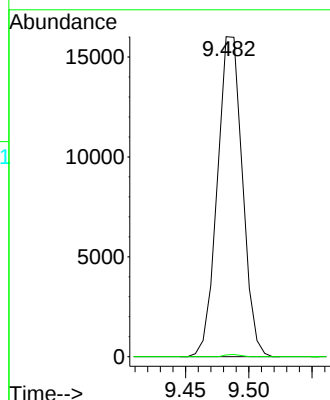
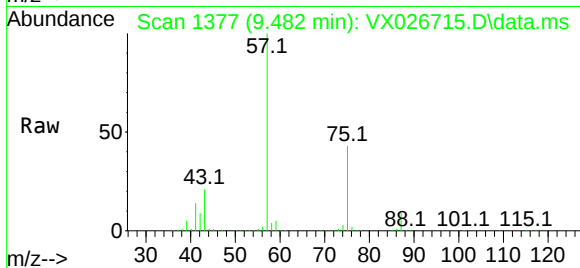
PB142403ZHE#08

Tgt Ion: 76 Resp: 22068

Ion Ratio Lower Upper

76 100

78 0.4 25.7 38.5#



#59

2-Hexanone

Concen: 190.680 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.055 min

Lab File: VX026715.D

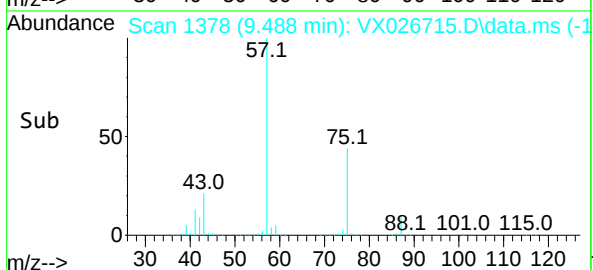
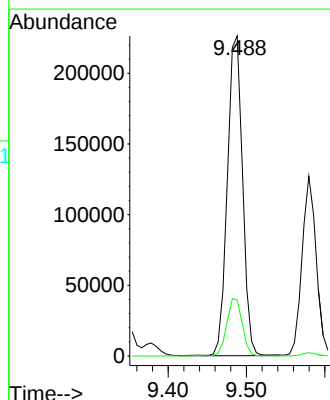
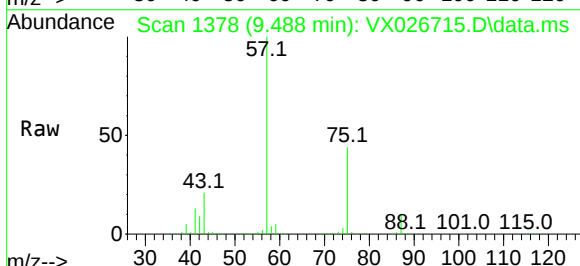
Acq: 01 Feb 2022 18:25

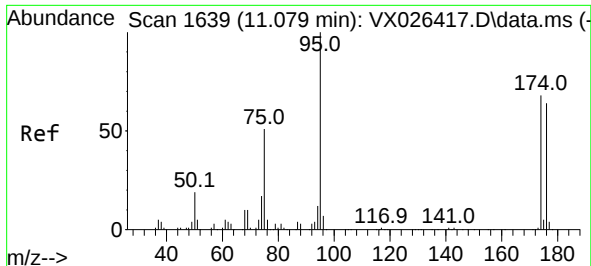
Tgt Ion: 43 Resp: 305946

Ion Ratio Lower Upper

43 100

58 18.2 26.4 79.2#

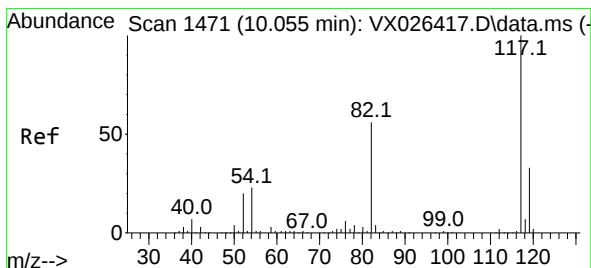
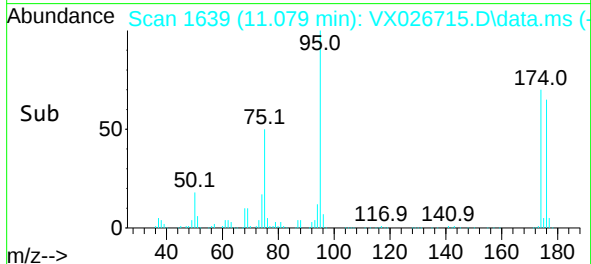
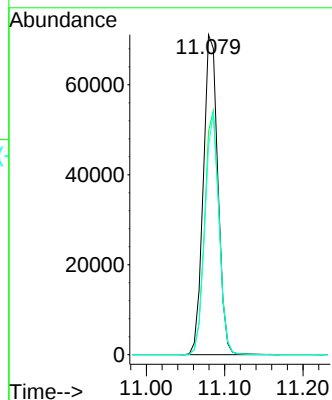
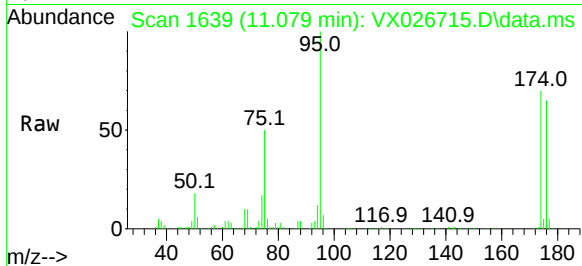




#62
4-Bromofluorobenzene
Concen: 52.344 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026715.D
Acq: 01 Feb 2022 18:25

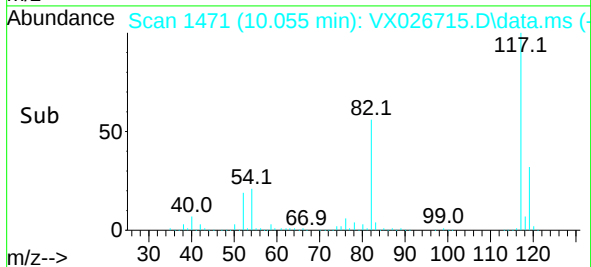
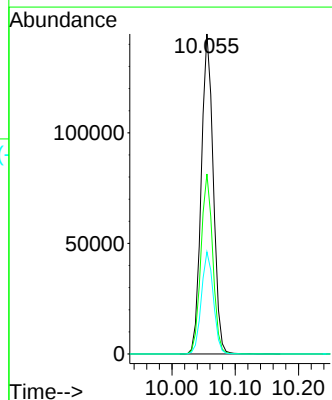
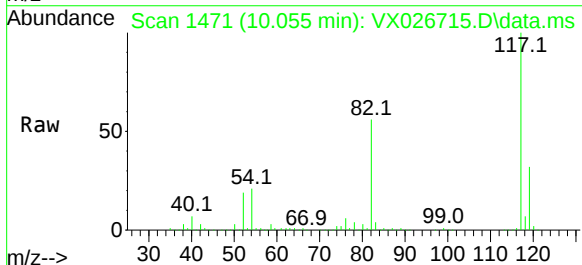
Instrument :
MSVOA_X
ClientSampleId :
PB142403ZHE#08

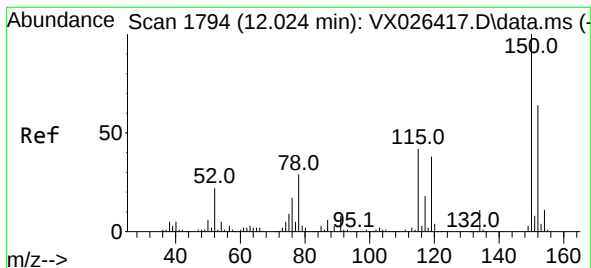
Tgt Ion: 95 Resp: 91809
Ion Ratio Lower Upper
95 100
174 75.4 0.0 148.6
176 73.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026715.D
Acq: 01 Feb 2022 18:25

Tgt Ion: 117 Resp: 191464
Ion Ratio Lower Upper
117 100
82 56.2 45.2 67.8
119 31.9 26.2 39.2

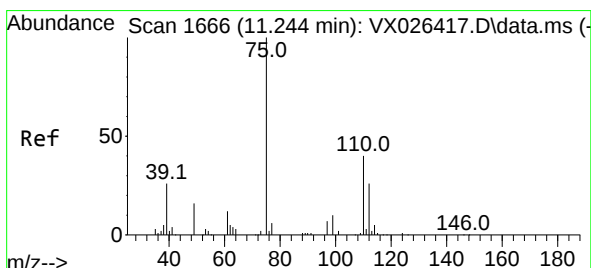
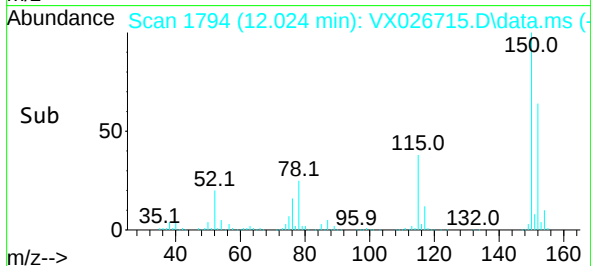
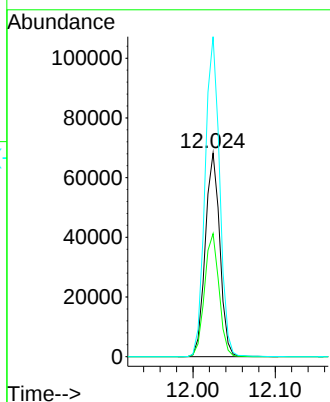
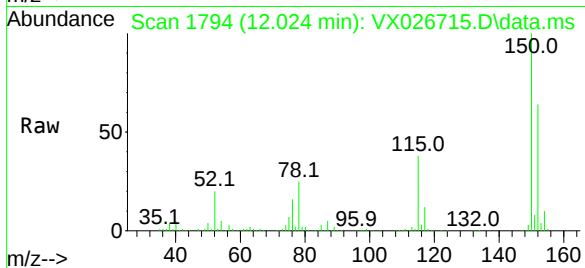




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026715.D
 Acq: 01 Feb 2022 18:25

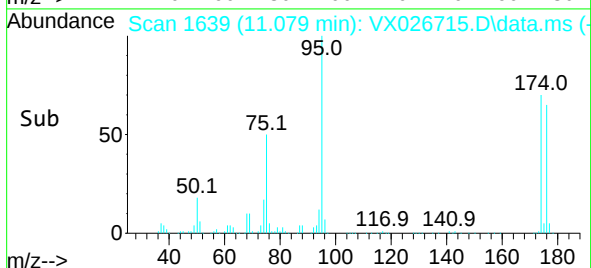
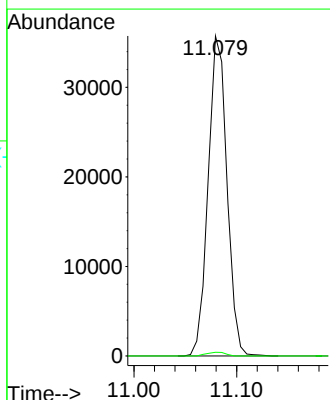
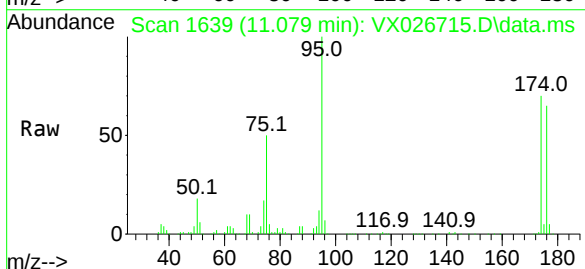
Instrument :
 MSVOA_X
 ClientSampleId :
 PB142403ZHE#08

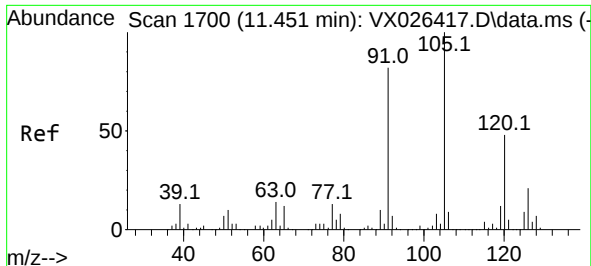
Tgt Ion:152 Resp: 83692
 Ion Ratio Lower Upper
 152 100
 115 60.3 44.2 132.6
 150 157.7 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 24.701 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX026715.D
 Acq: 01 Feb 2022 18:25

Tgt Ion: 75 Resp: 45517
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.3 54.8#

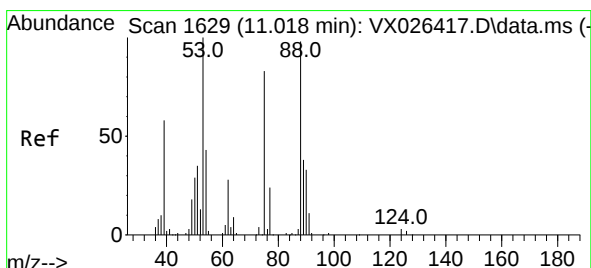
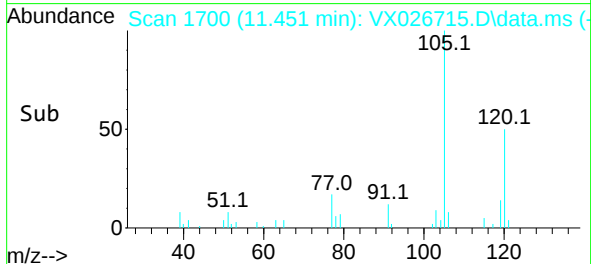
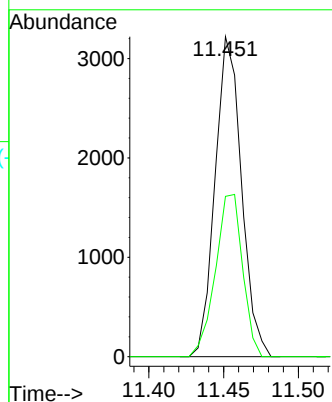
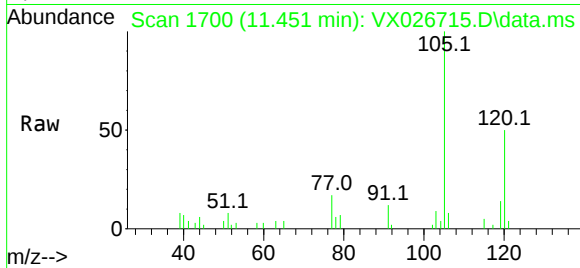




#80
 1,3,5-Trimethylbenzene
 Concen: 0.698 ug/l
 RT: 11.451 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026715.D
 Acq: 01 Feb 2022 18:25

Instrument :
 MSVOA_X
 ClientSampleId :
 PB142403ZHE#08

Tgt Ion:105 Resp: 3946
 Ion Ratio Lower Upper
 105 100
 120 52.2 24.0 72.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.141 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX026715.D
 Acq: 01 Feb 2022 18:25

Tgt Ion: 75 Resp: 45517
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

