

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030841.D
 Acq On : 27 Aug 2022 01:42
 Operator : JC/MD
 Sample : VX0826WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0826WBL02

Quant Time: Aug 27 06:28:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

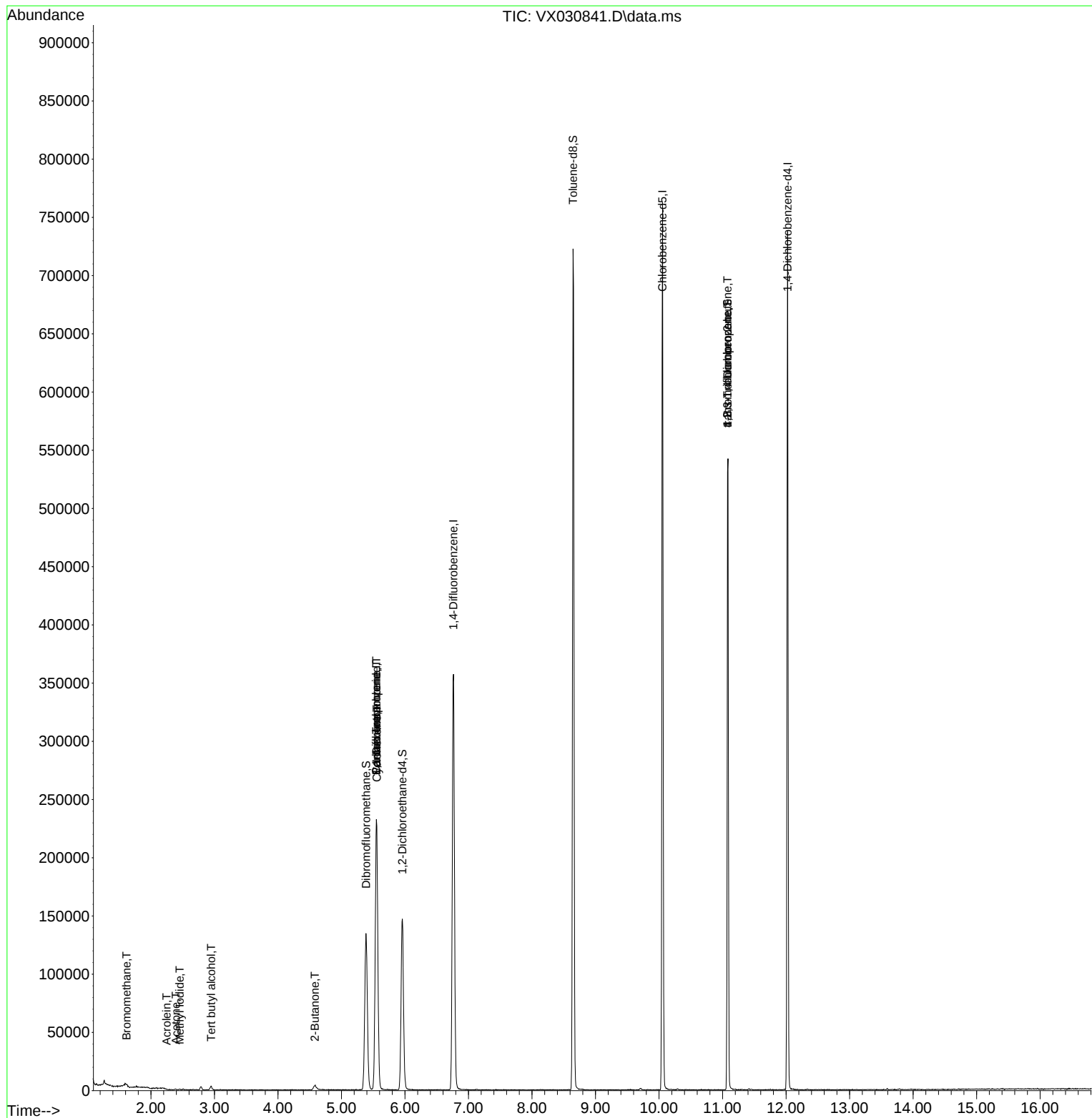
Internal Standards						
1) Pentafluorobenzene	5.550	168	219835	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	371181	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	336204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	146861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	142592	55.143	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.280%	
35) Dibromofluoromethane	5.385	113	119671	52.459	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.920%	
50) Toluene-d8	8.647	98	438998	55.225	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.440%	
62) 4-Bromofluorobenzene	11.079	95	148677	50.237	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.480%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	220	Below Cal	#	85
4) Vinyl Chloride	1.368	62	70	Below Cal	#	43
5) Bromomethane	1.618	94	378	0.369	ug/l #	53
6) Chloroethane	1.715	64	177	Below Cal	#	41
10) Methyl Iodide	2.453	142	425	4.248	ug/l #	65
11) Tert butyl alcohol	2.947	59	1636	2.914	ug/l #	74
13) Acrolein	2.245	56	36	10.122	ug/l #	14
16) Acetone	2.392	43	789	0.660	ug/l #	40
17) Carbon Disulfide	2.514	76	718	Below Cal	#	74
20) Methylene Chloride	2.788	84	1477	Below Cal	#	81
25) 2-Butanone	4.580	43	430	0.223	ug/l #	48
31) Cyclohexane	5.556	56	4452	1.346	ug/l #	27
36) 1,1-Dichloropropene	5.550	75	18089	5.823	ug/l #	48
38) Carbon Tetrachloride	5.550	117	23123	7.057	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	75467	23.455	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	75467	75.676	ug/l #	13

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

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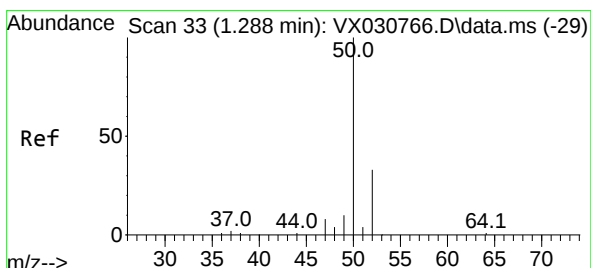
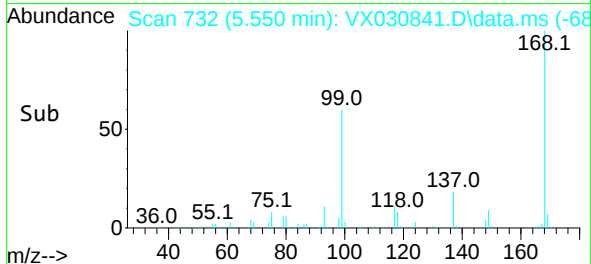
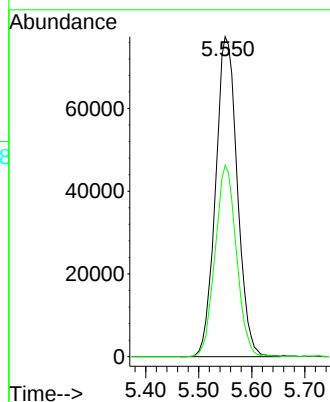
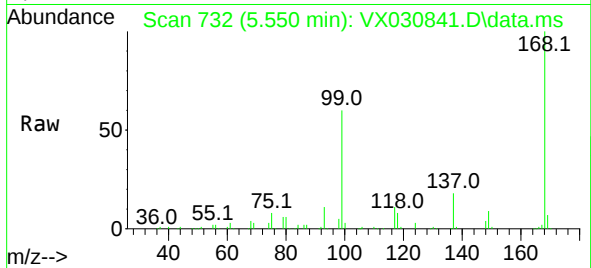




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030841.D
Acq: 27 Aug 2022 01:42

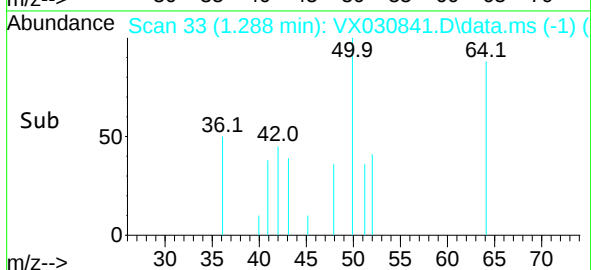
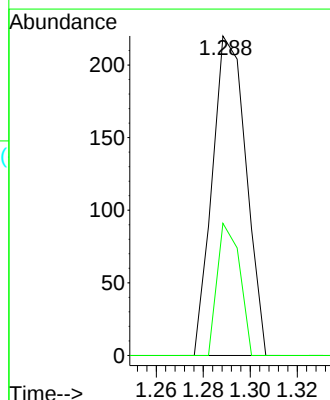
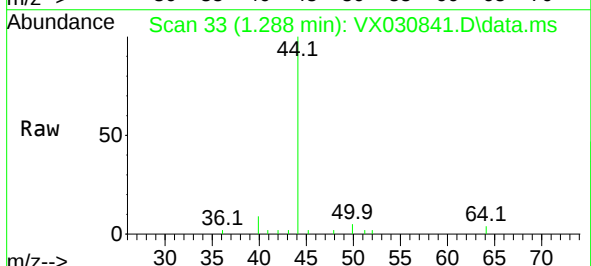
Instrument :
MSVOA_X
ClientSampleId :
VX0826WBL02

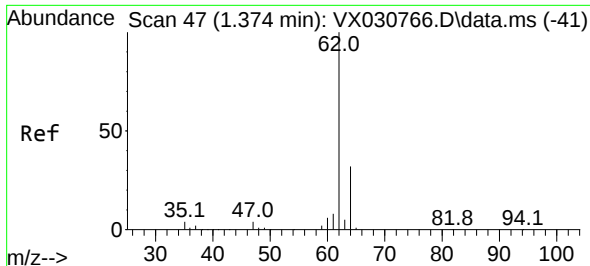
Tgt Ion:168 Resp: 219835
Ion Ratio Lower Upper
168 100
99 59.8 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030841.D
Acq: 27 Aug 2022 01:42

Tgt Ion: 50 Resp: 220
Ion Ratio Lower Upper
50 100
52 41.4 26.3 39.5#

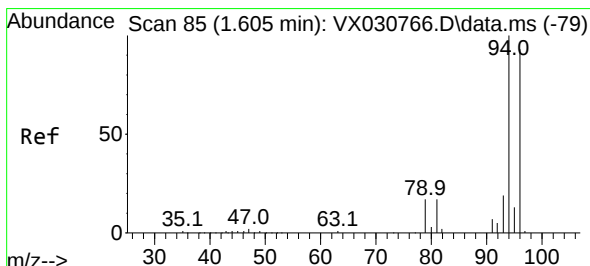
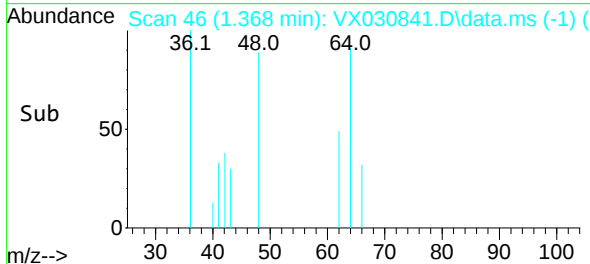
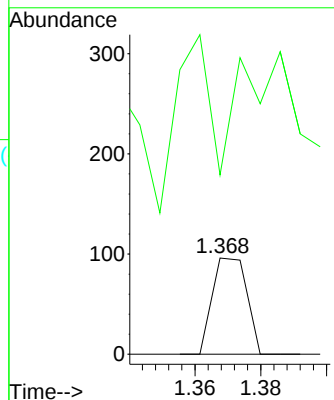
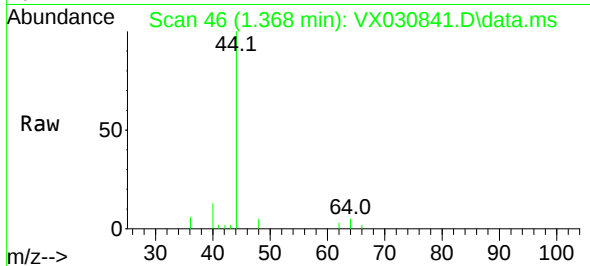




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 1.368 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX030841.D
 Acq: 27 Aug 2022 01:42

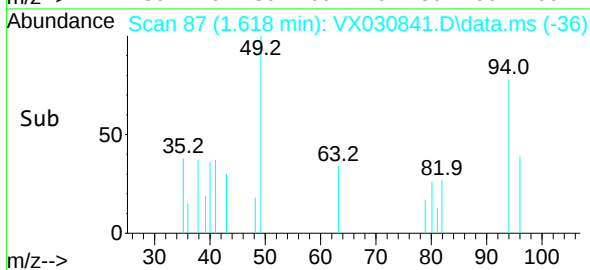
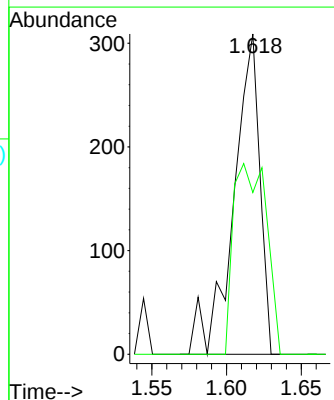
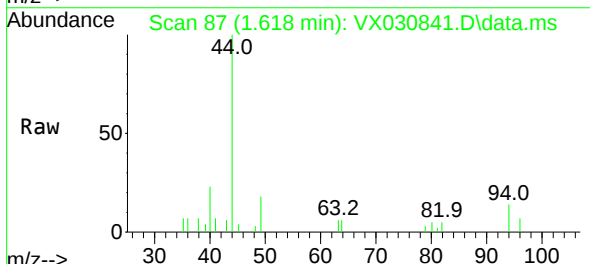
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0826WBL02

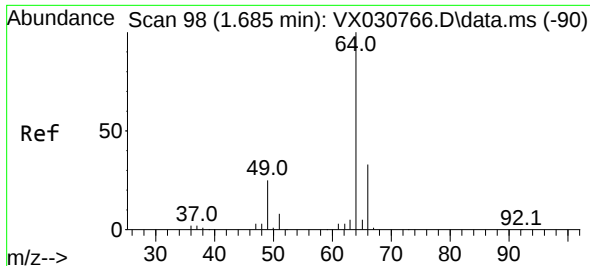
Tgt Ion: 62 Resp: 70
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.2 37.8#



#5
 Bromomethane
 Concen: 0.369 ug/l
 RT: 1.618 min Scan# 87
 Delta R.T. 0.012 min
 Lab File: VX030841.D
 Acq: 27 Aug 2022 01:42

Tgt Ion: 94 Resp: 378
 Ion Ratio Lower Upper
 94 100
 96 50.5 76.9 115.3#

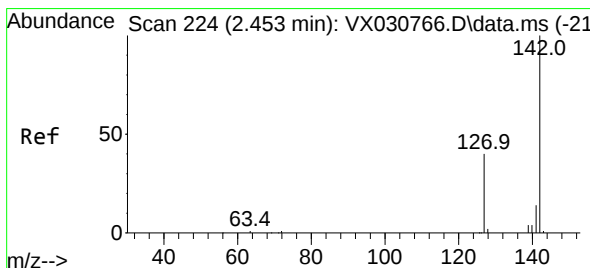
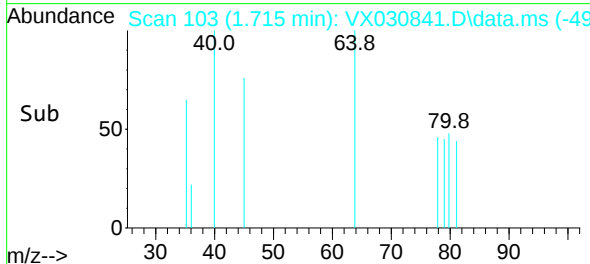
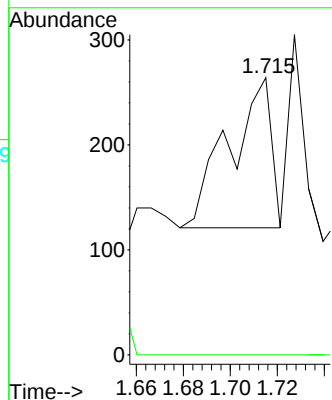
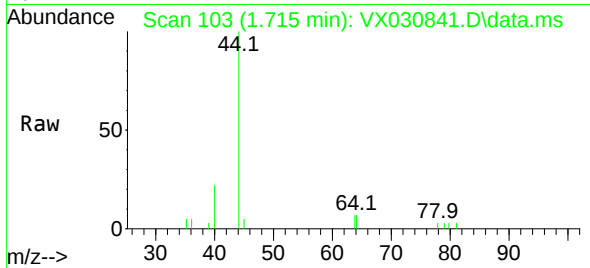




#6
Chloroethane
Concen: Below Cal
RT: 1.715 min Scan# 103
Delta R.T. 0.030 min
Lab File: VX030841.D
Acq: 27 Aug 2022 01:42

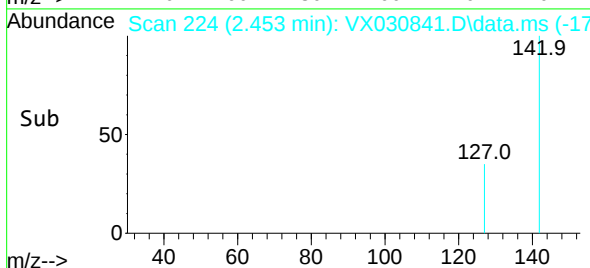
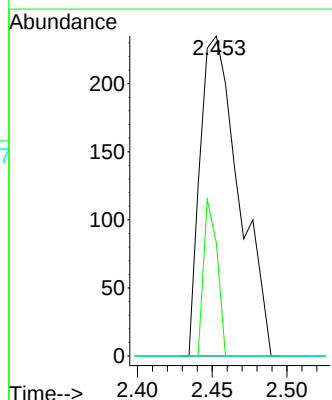
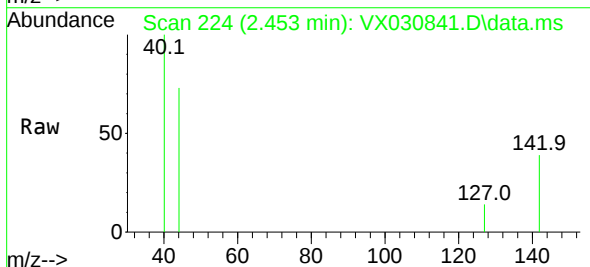
Instrument :
MSVOA_X
ClientSampleId :
VX0826WBL02

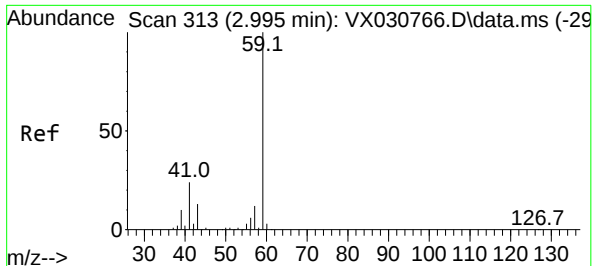
Tgt Ion: 64 Resp: 177
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 4.248 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030841.D
Acq: 27 Aug 2022 01:42

Tgt Ion: 142 Resp: 425
Ion Ratio Lower Upper
142 100
127 16.9 30.2 45.2#
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 2.914 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.049 min

Lab File: VX030841.D

Acq: 27 Aug 2022 01:42

Instrument :

MSVOA_X

ClientSampleId :

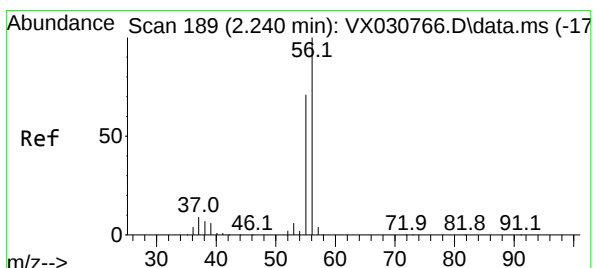
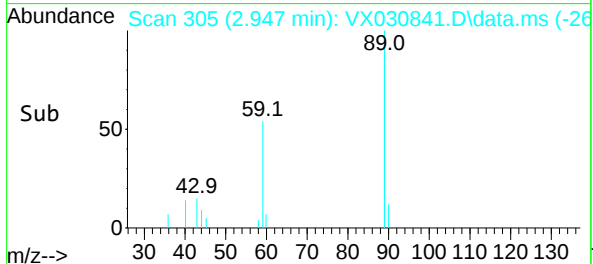
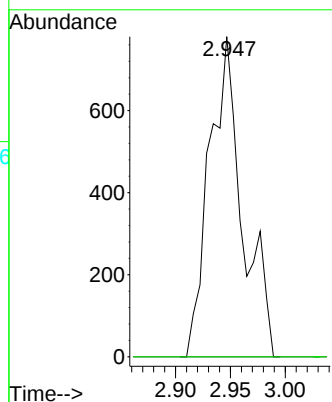
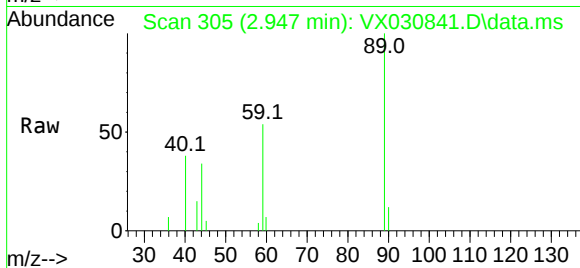
VX0826WBL02

Tgt Ion: 59 Resp: 1636

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#13

Acrolein

Concen: 10.122 ug/l

RT: 2.245 min Scan# 190

Delta R.T. 0.005 min

Lab File: VX030841.D

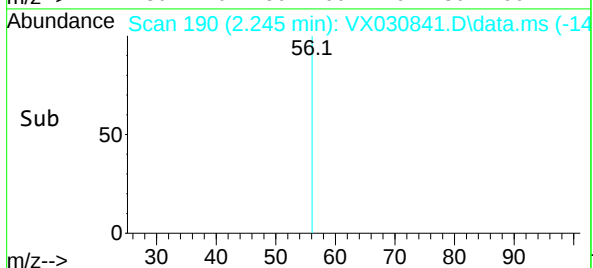
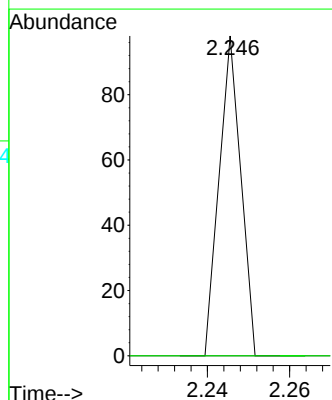
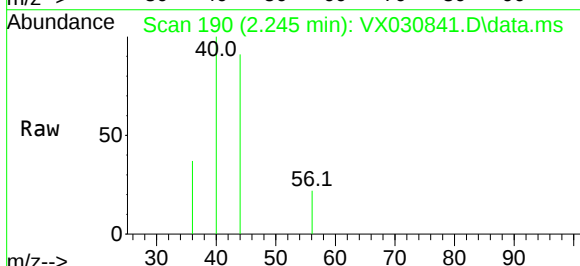
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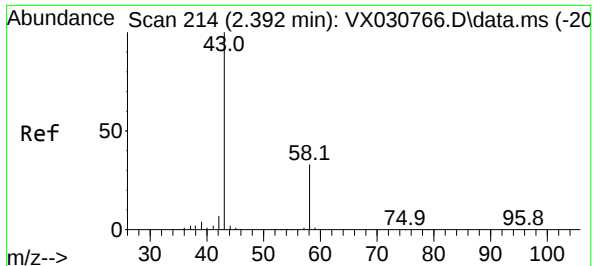
Tgt Ion: 56 Resp: 36

Ion Ratio Lower Upper

56 100

55 0.0 56.6 84.8#

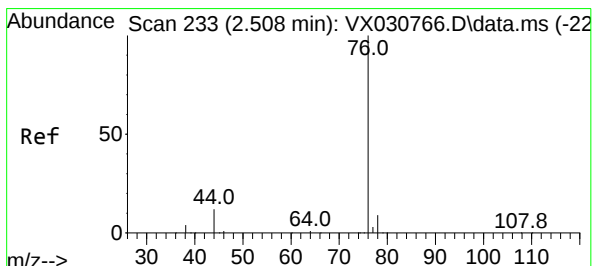
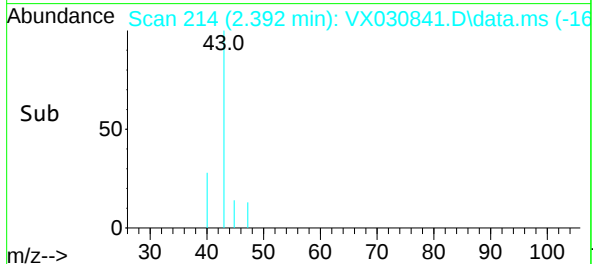
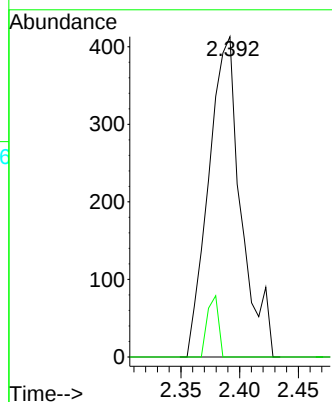
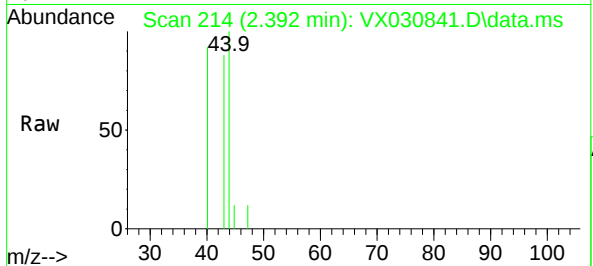




#16
Acetone
Concen: 0.660 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX030841.D
Acq: 27 Aug 2022 01:42

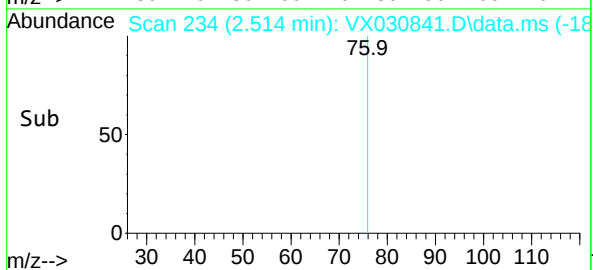
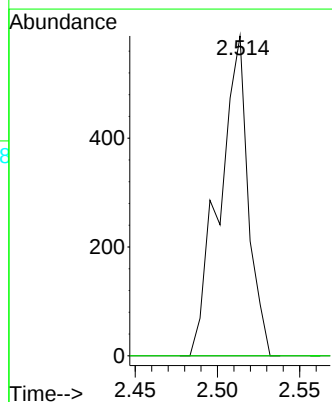
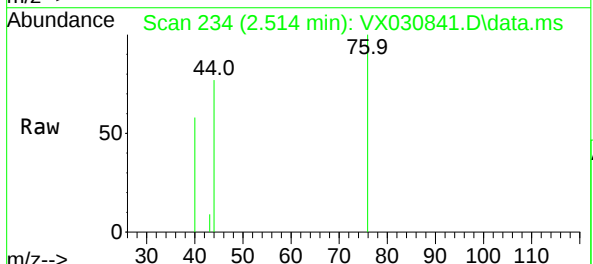
Instrument :
MSVOA_X
ClientSampleId :
VX0826WBL02

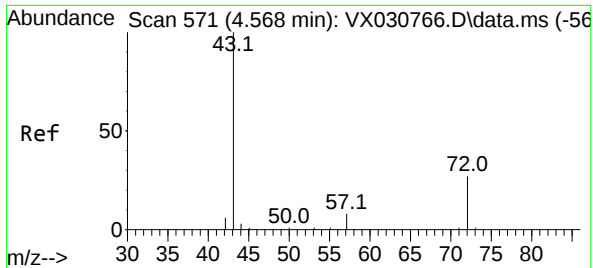
Tgt Ion: 43 Resp: 789
Ion Ratio Lower Upper
43 100
58 0.0 27.7 41.5#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX030841.D
Acq: 27 Aug 2022 01:42

Tgt Ion: 76 Resp: 718
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

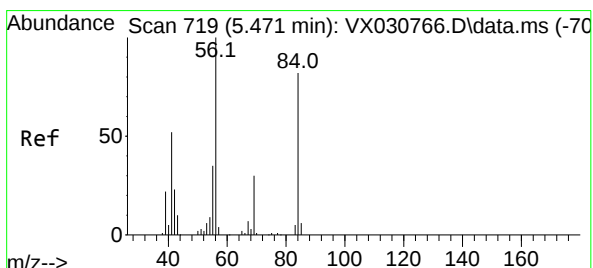
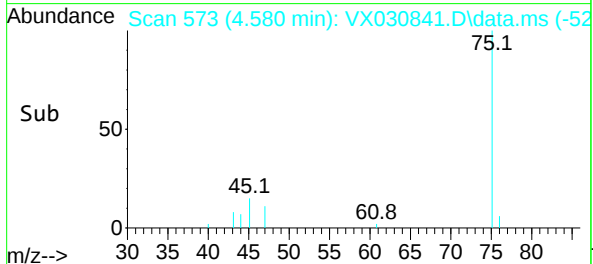
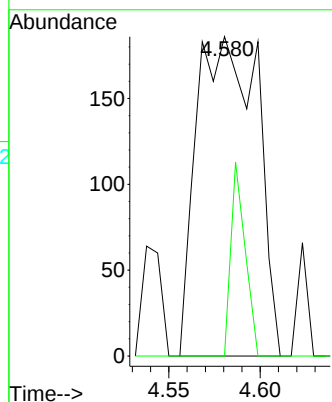
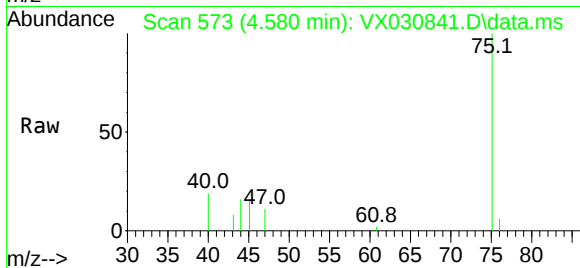




#25
2-Butanone
Concen: 0.223 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX030841.D
Acq: 27 Aug 2022 01:42

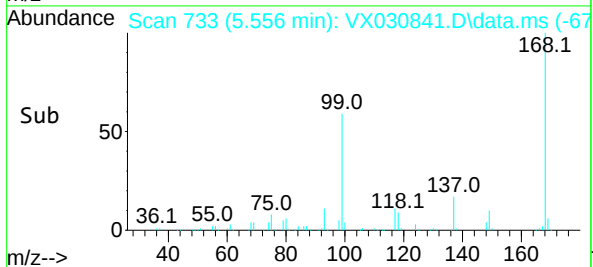
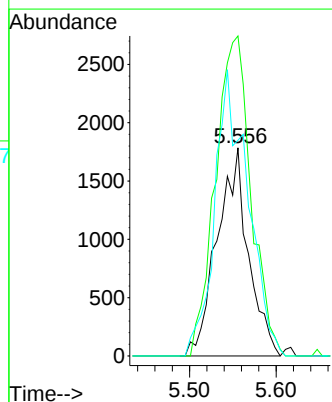
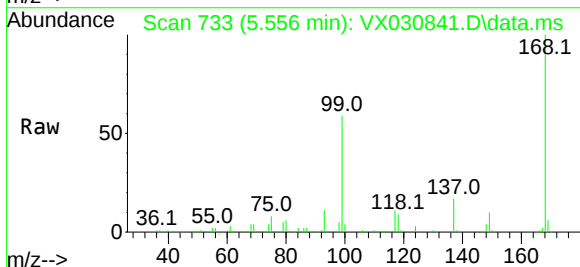
Instrument :
MSVOA_X
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VX0826WBL02

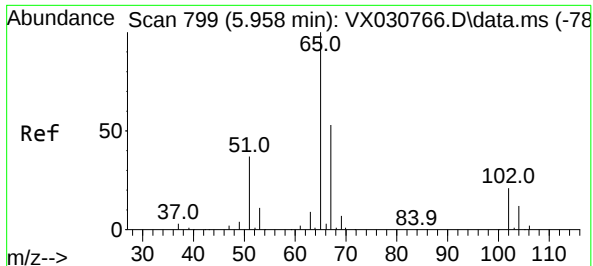
Tgt Ion: 43 Resp: 430
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#



#31
Cyclohexane
Concen: 1.346 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX030841.D
Acq: 27 Aug 2022 01:42

Tgt Ion: 56 Resp: 4452
Ion Ratio Lower Upper
56 100
69 153.7 25.4 38.0#
84 103.6 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 55.143 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX030841.D

Acq: 27 Aug 2022 01:42

Instrument :

MSVOA_X

ClientSampleId :

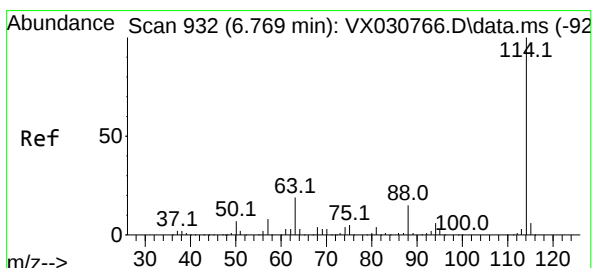
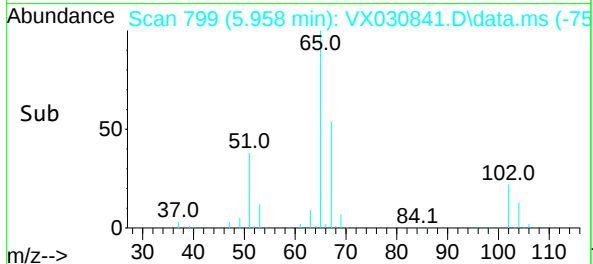
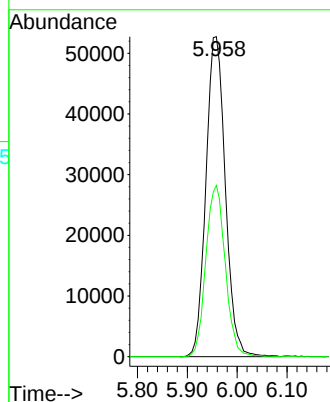
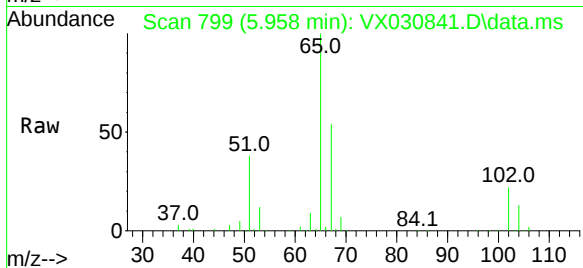
VX0826WBL02

Tgt Ion: 65 Resp: 142592

Ion Ratio Lower Upper

65 100

67 53.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX030841.D

Acq: 27 Aug 2022 01:42

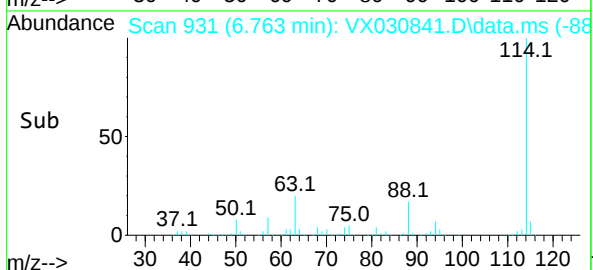
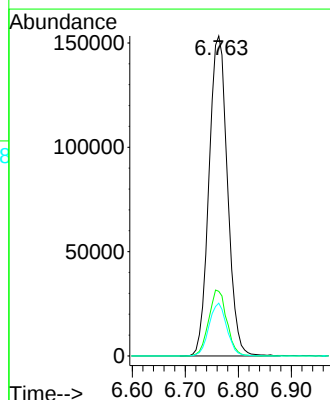
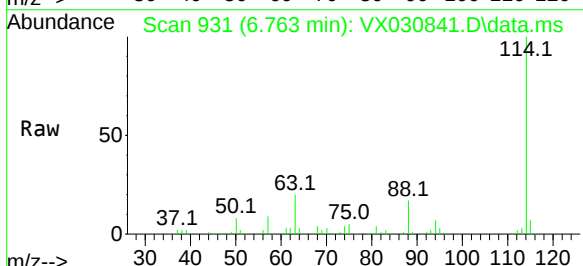
Tgt Ion: 114 Resp: 371181

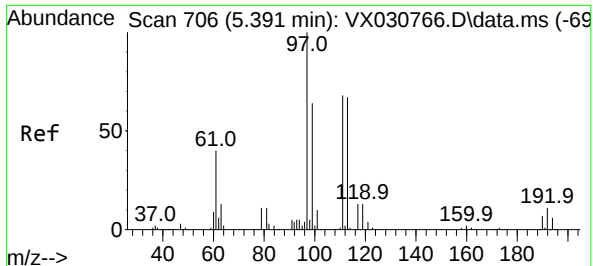
Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.4

88 16.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.459 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX030841.D

Acq: 27 Aug 2022 01:42

Instrument :

MSVOA_X

ClientSampleId :

VX0826WBL02

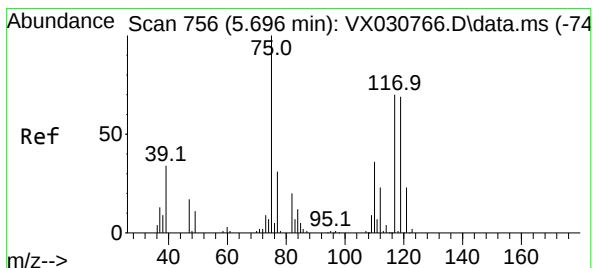
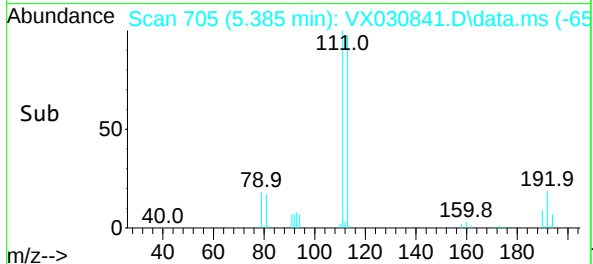
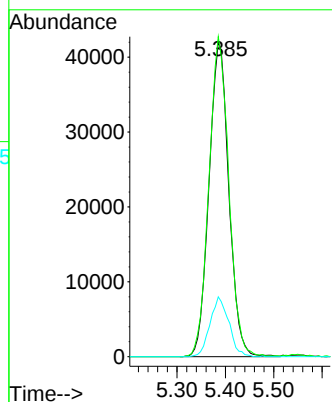
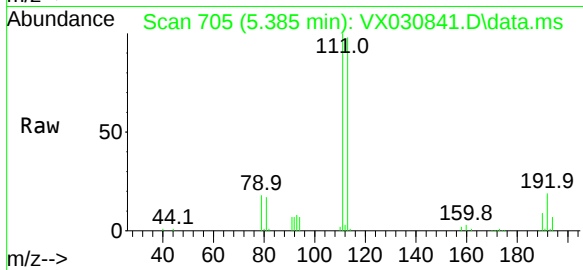
Tgt Ion:113 Resp: 119671

Ion Ratio Lower Upper

113 100

111 102.2 83.2 124.8

192 18.1 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.823 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX030841.D

Acq: 27 Aug 2022 01:42

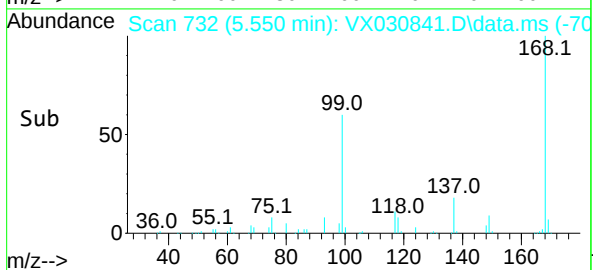
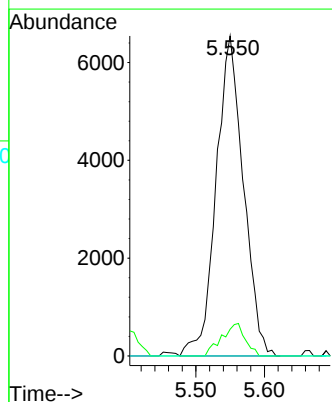
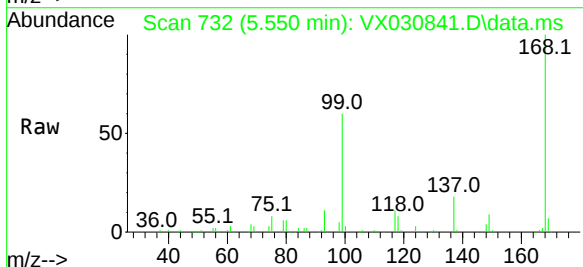
Tgt Ion: 75 Resp: 18089

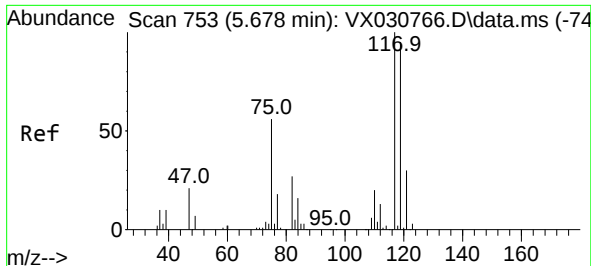
Ion Ratio Lower Upper

75 100

110 8.7 19.3 57.9#

77 0.0 24.4 36.6#

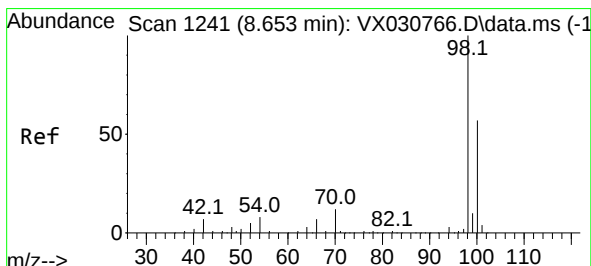
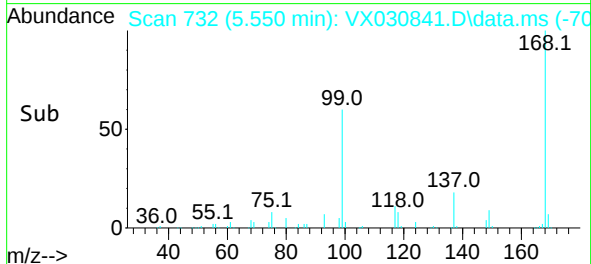
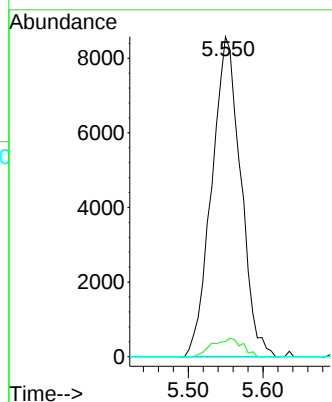
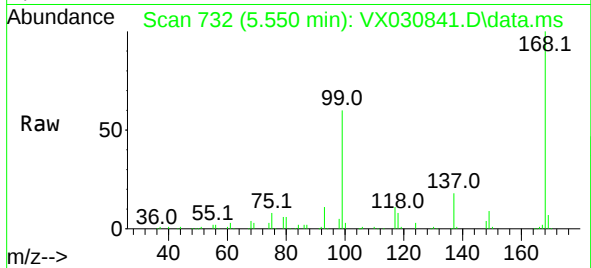




#38
Carbon Tetrachloride
Concen: 7.057 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX030841.D
Acq: 27 Aug 2022 01:42

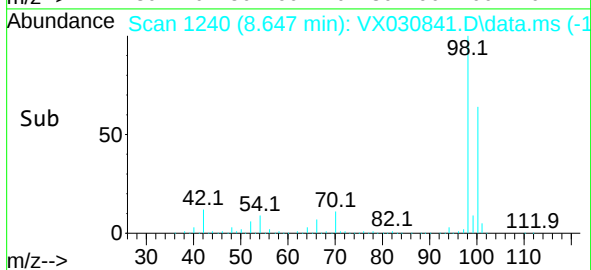
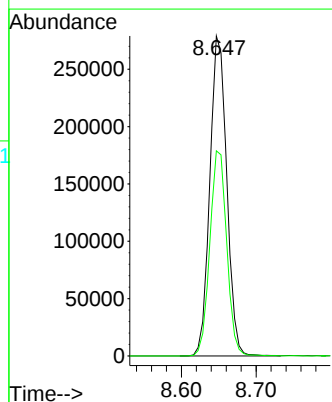
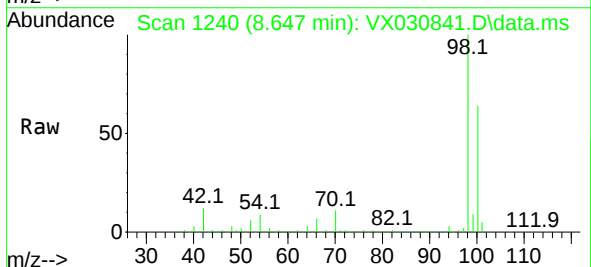
Instrument :
MSVOA_X
ClientSampleId :
VX0826WBL02

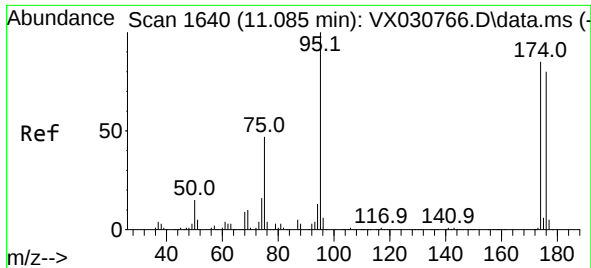
Tgt Ion:117 Resp: 23123
Ion Ratio Lower Upper
117 100
119 4.7 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 55.225 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX030841.D
Acq: 27 Aug 2022 01:42

Tgt Ion: 98 Resp: 438998
Ion Ratio Lower Upper
98 100
100 64.1 52.3 78.5

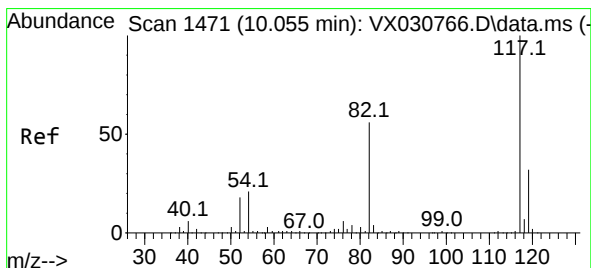
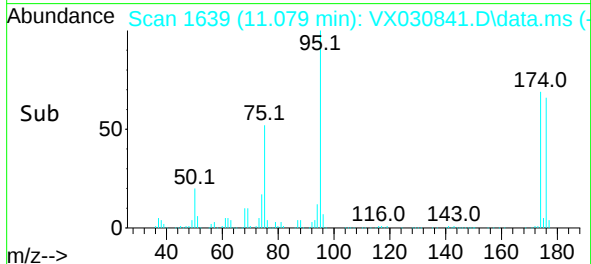
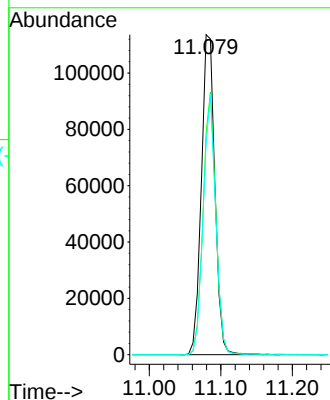
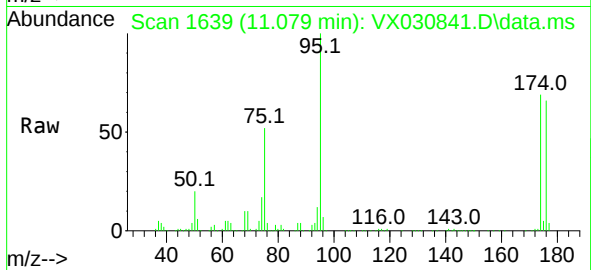




#62
4-Bromofluorobenzene
Concen: 50.237 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX030841.D
Acq: 27 Aug 2022 01:42

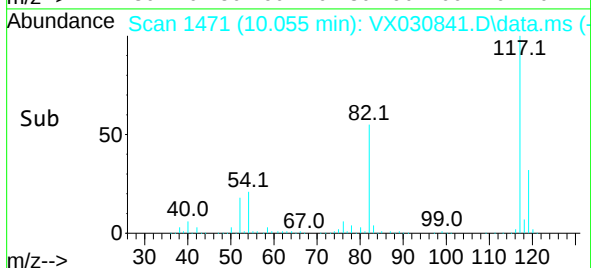
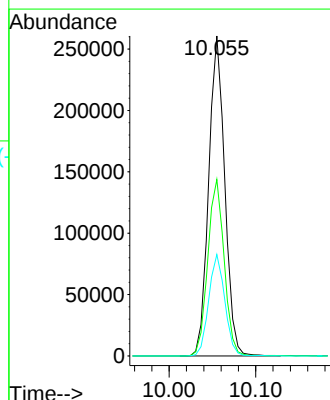
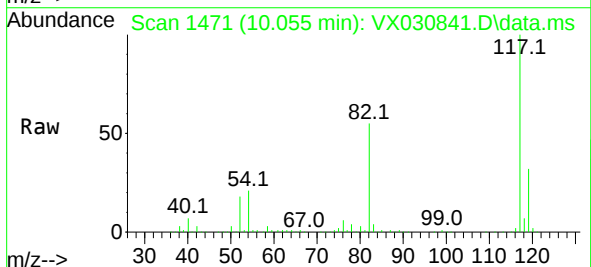
Instrument :
MSVOA_X
ClientSampleId :
VX0826WBL02

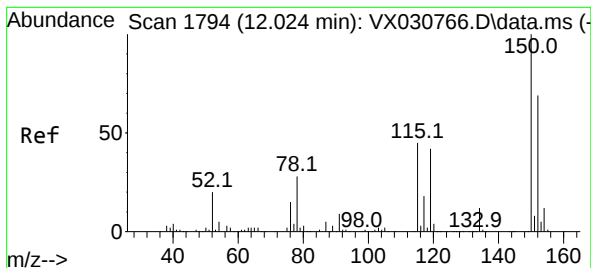
Tgt Ion: 95 Resp: 148677
Ion Ratio Lower Upper
95 100
174 77.6 0.0 149.0
176 75.3 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030841.D
Acq: 27 Aug 2022 01:42

Tgt Ion: 117 Resp: 336204
Ion Ratio Lower Upper
117 100
82 55.1 42.7 64.1
119 31.7 25.4 38.2

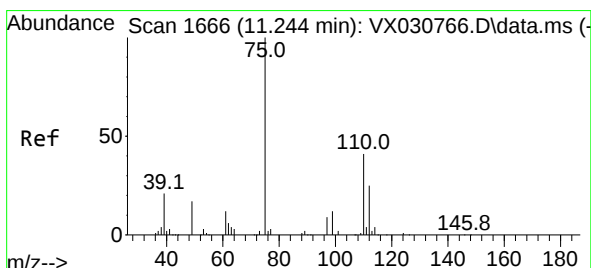
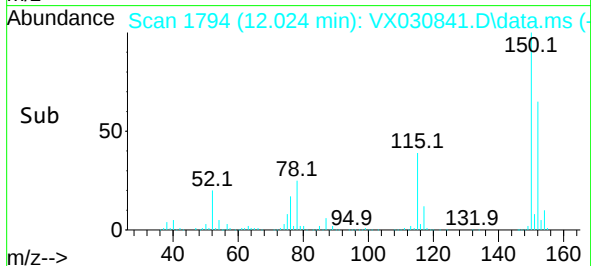
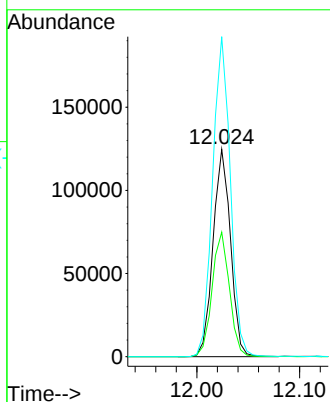
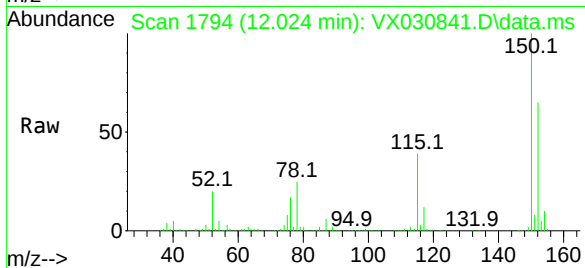




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030841.D
 Acq: 27 Aug 2022 01:42

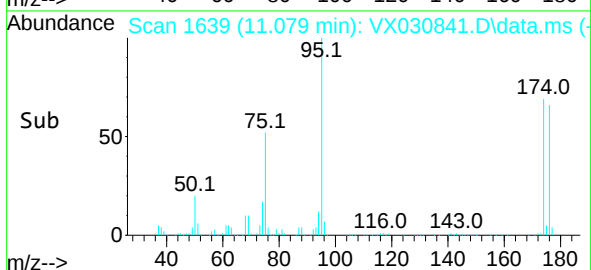
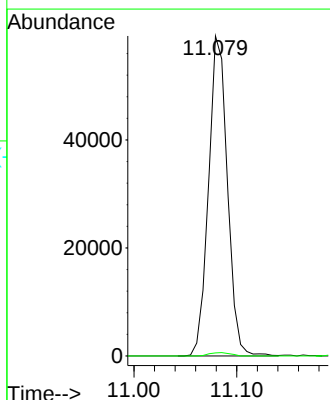
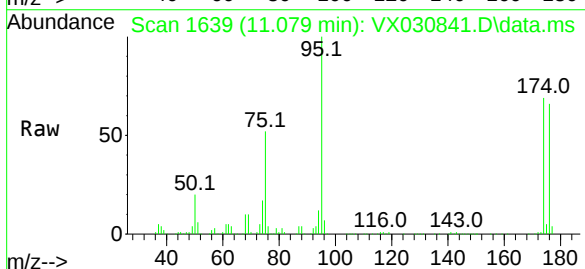
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0826WBL02

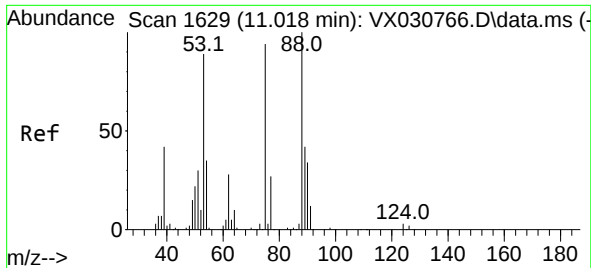
Tgt Ion:152 Resp: 146861
 Ion Ratio Lower Upper
 152 100
 115 59.7 40.5 121.5
 150 156.0 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 23.455 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX030841.D
 Acq: 27 Aug 2022 01:42

Tgt Ion: 75 Resp: 75467
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.676 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX030841.D
 Acq: 27 Aug 2022 01:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0826WBL02

Tgt Ion: 75 Resp: 75467
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

