

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082722\
 Data File : VX030879.D
 Acq On : 27 Aug 2022 18:37
 Operator : JC/MD
 Sample : N4385-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 265751-1

Quant Time: Aug 29 01:11:21 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)

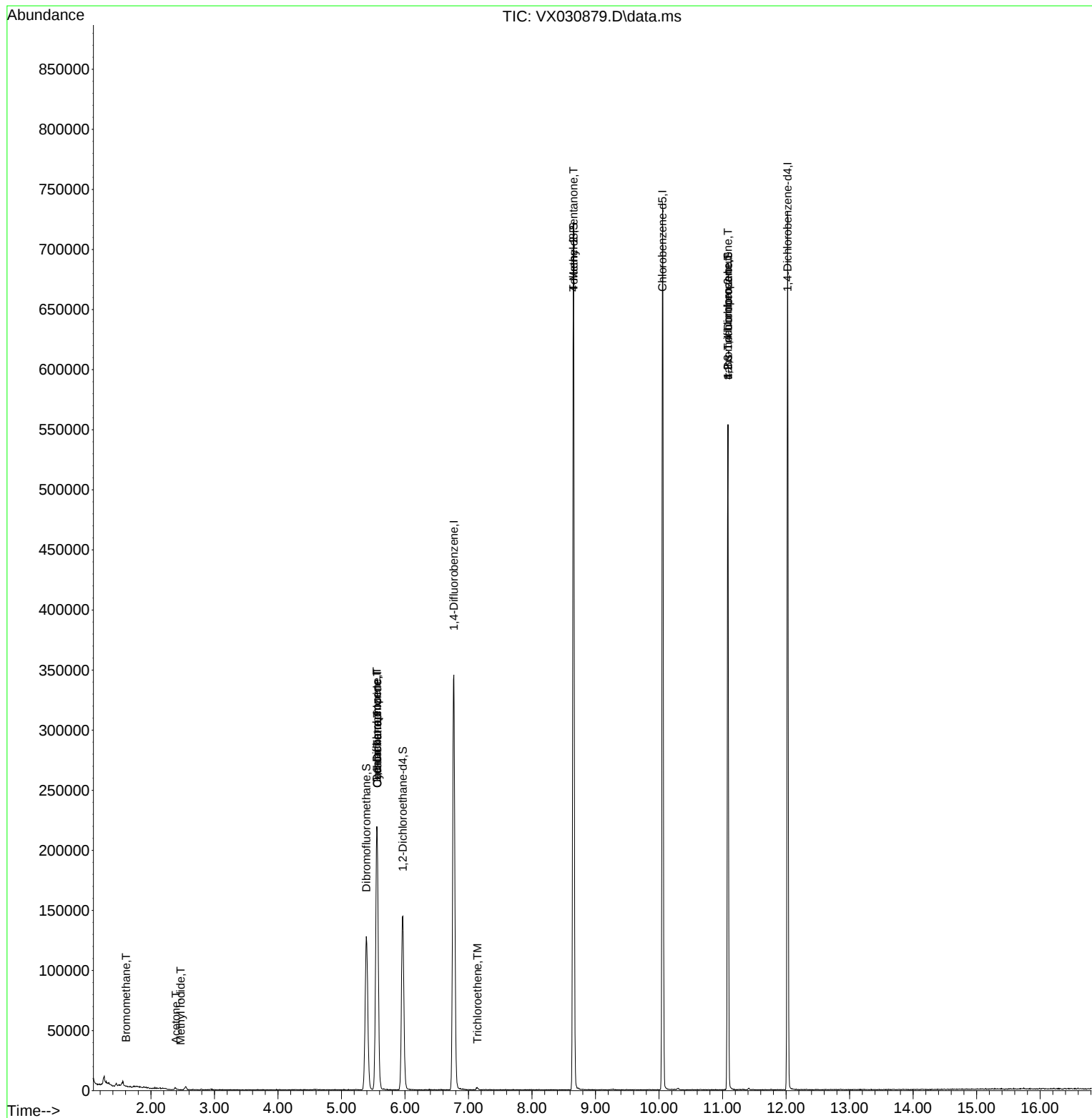
Internal Standards						
1) Pentafluorobenzene	5.556	168	202208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	356974	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	324170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	139333	58.580	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 117.160%	
35) Dibromofluoromethane	5.391	113	114491	52.186	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.380%	
50) Toluene-d8	8.653	98	421895	55.186	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.380%	
62) 4-Bromofluorobenzene	11.085	95	143759	50.508	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.020%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	271	Below Cal	#	75
4) Vinyl Chloride	1.416	62	20	Below Cal	#	60
5) Bromomethane	1.605	94	439	0.466	ug/l #	62
6) Chloroethane	1.678	64	58	Below Cal	#	41
10) Methyl Iodide	2.465	142	56	4.061	ug/l #	45
16) Acetone	2.392	43	1548	1.408	ug/l	95
17) Carbon Disulfide	2.520	76	119	Below Cal	#	74
20) Methylene Chloride	2.782	84	204	Below Cal	#	34
31) Cyclohexane	5.562	56	4410	1.450	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	17311	5.795	ug/l #	49
38) Carbon Tetrachloride	5.562	117	20725	6.577	ug/l #	18
44) Trichloroethene	7.141	130	831	0.322	ug/l	87
51) 4-Methyl-2-Pentanone	8.653	43	1754	0.488	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	74032	24.105	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	74032	77.774	ug/l #	13

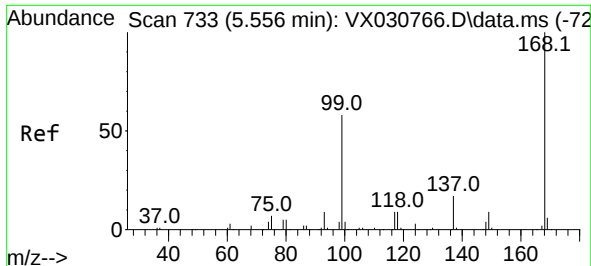
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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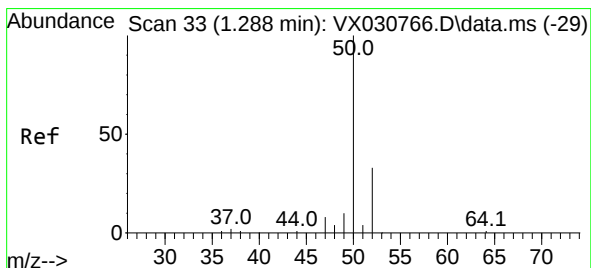
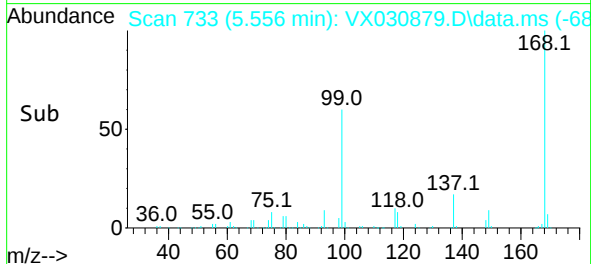
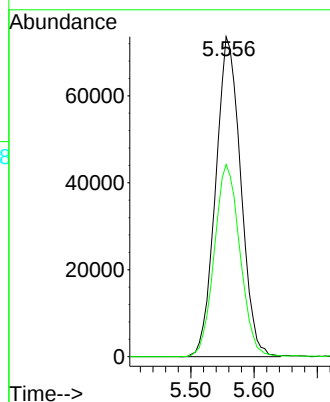
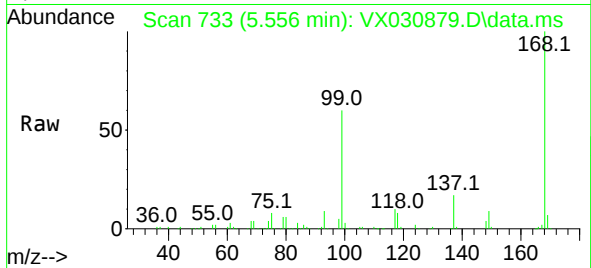




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030879.D
Acq: 27 Aug 2022 18:37

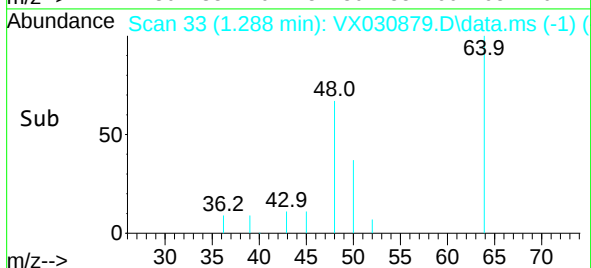
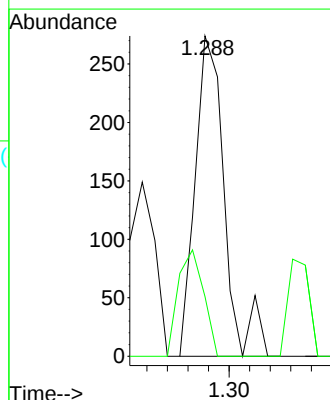
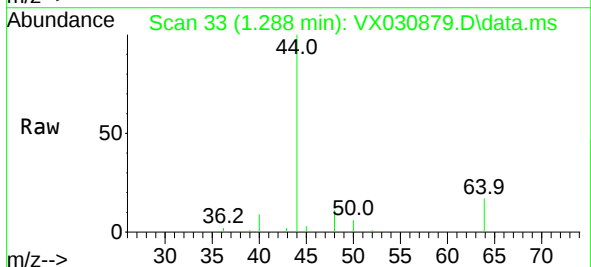
Instrument :
MSVOA_X
ClientSampleId :
265751-1

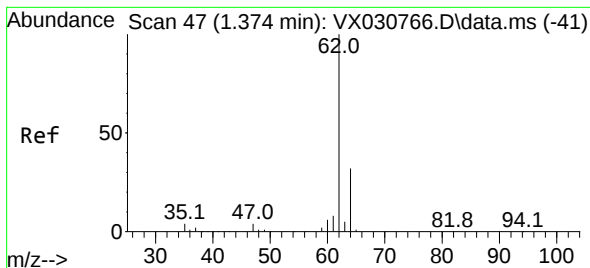
Tgt Ion:168 Resp: 202208
Ion Ratio Lower Upper
168 100
99 60.0 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030879.D
Acq: 27 Aug 2022 18:37

Tgt Ion: 50 Resp: 271
Ion Ratio Lower Upper
50 100
52 18.6 26.3 39.5





#4

Vinyl Chloride

Concen: Below Cal

RT: 1.416 min Scan# 54

Delta R.T. 0.042 min

Lab File: VX030879.D

Acq: 27 Aug 2022 18:37

Instrument :

MSVOA_X

ClientSampleId :

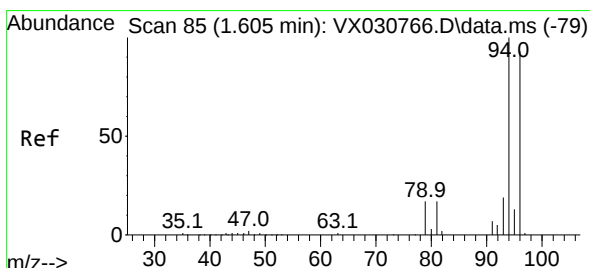
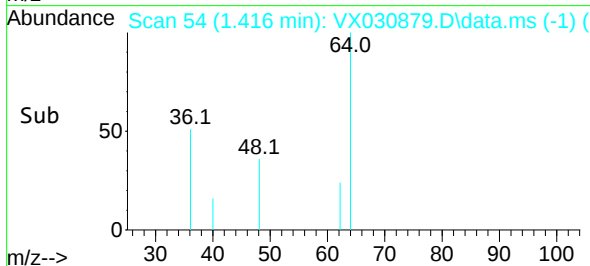
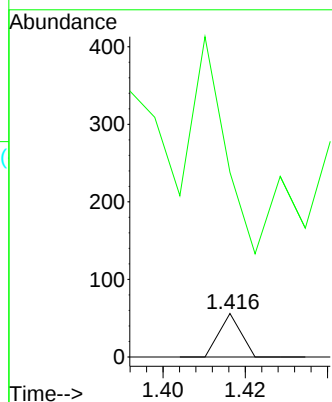
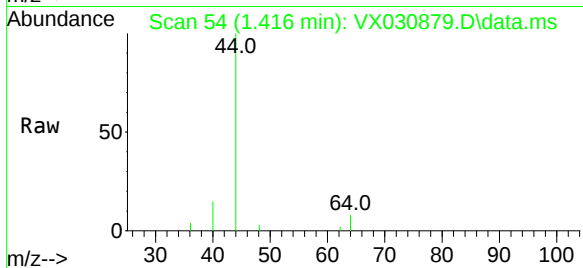
265751-1

Tgt Ion: 62 Resp: 20

Ion Ratio Lower Upper

62 100

64 53.6 25.2 37.8#



#5

Bromomethane

Concen: 0.466 ug/l

RT: 1.605 min Scan# 85

Delta R.T. -0.000 min

Lab File: VX030879.D

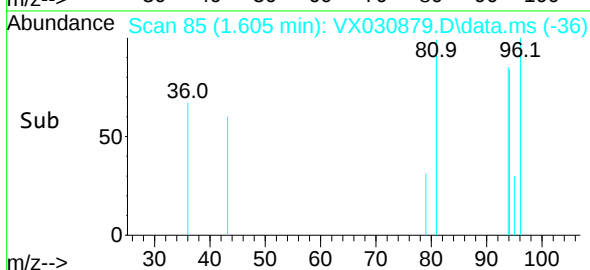
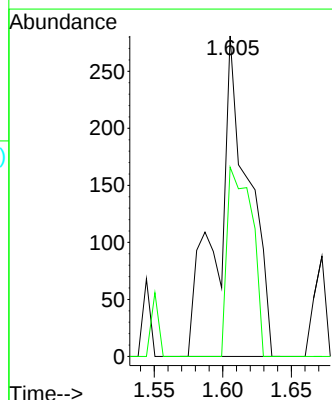
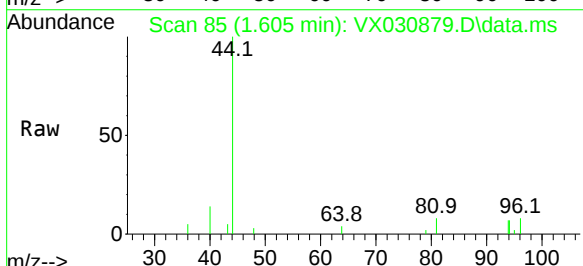
Acq: 27 Aug 2022 18:37

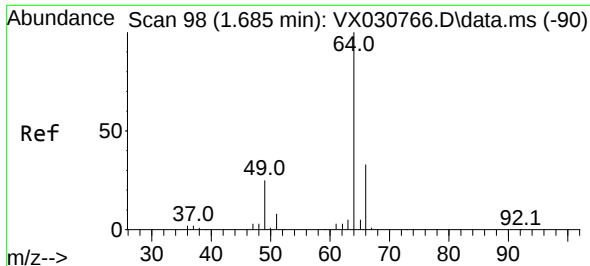
Tgt Ion: 94 Resp: 439

Ion Ratio Lower Upper

94 100

96 59.1 76.9 115.3#

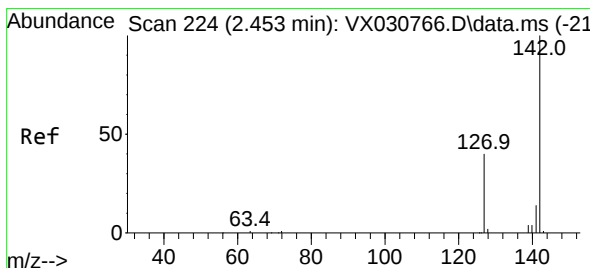
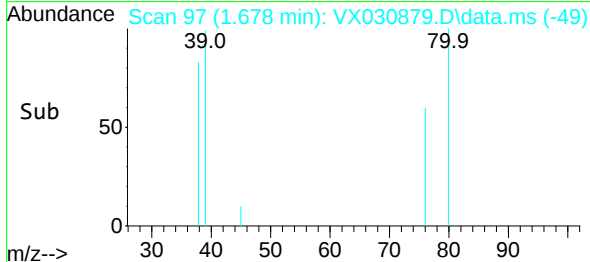
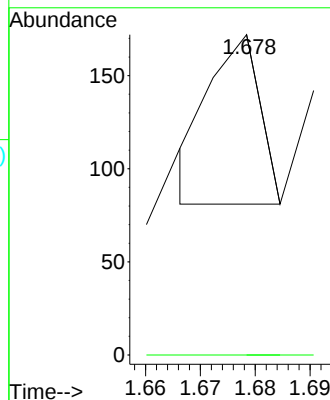
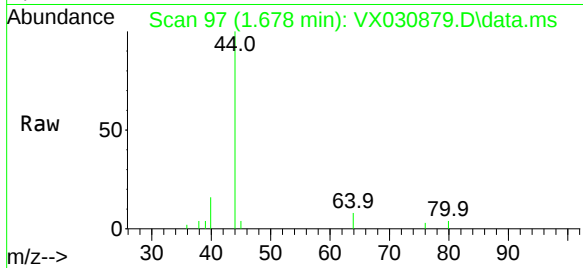




#6
Chloroethane
Concen: Below Cal
RT: 1.678 min Scan# 91
Delta R.T. -0.007 min
Lab File: VX030879.D
Acq: 27 Aug 2022 18:37

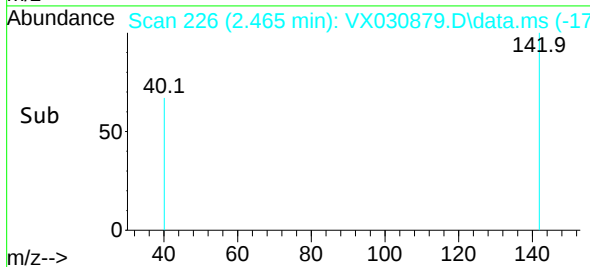
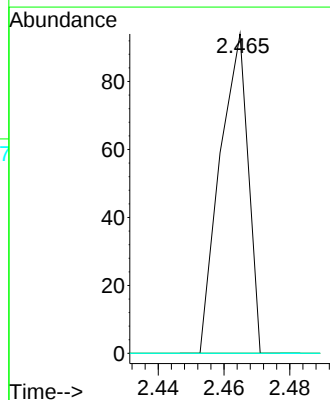
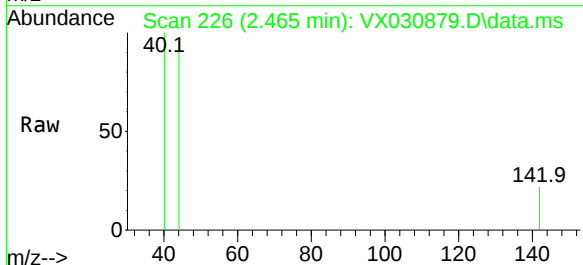
Instrument :
MSVOA_X
ClientSampleId :
265751-1

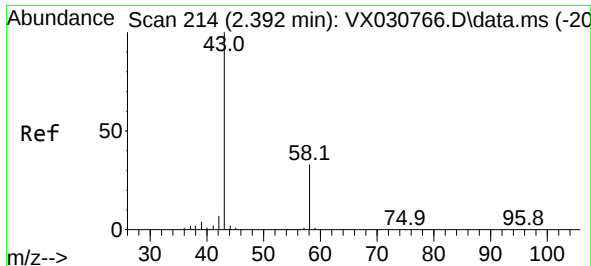
Tgt Ion: 64 Resp: 58
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 4.061 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX030879.D
Acq: 27 Aug 2022 18:37

Tgt Ion: 142 Resp: 56
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#

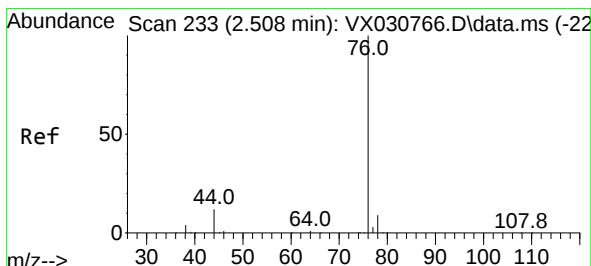
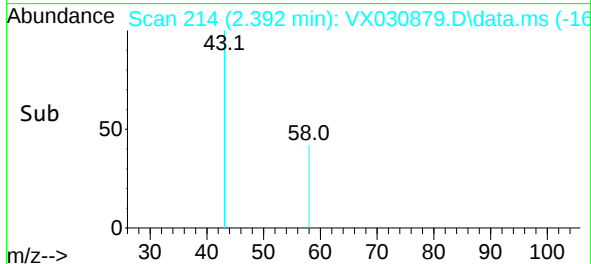
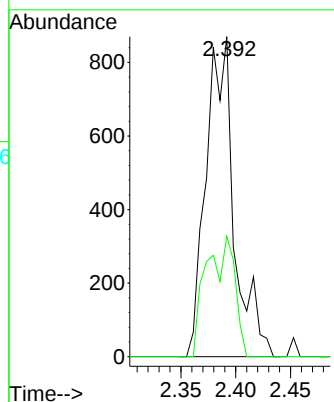
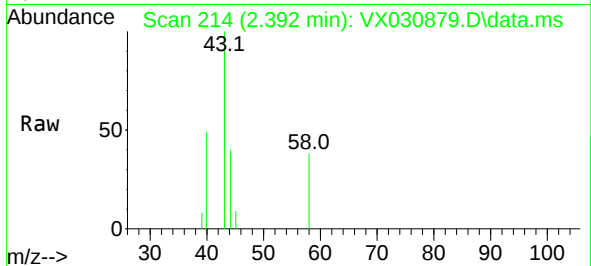




#16
 Acetone
 Concen: 1.408 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: VX030879.D
 Acq: 27 Aug 2022 18:37

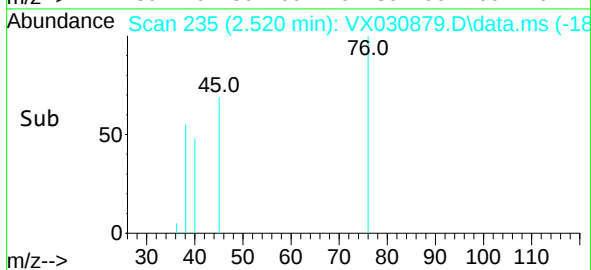
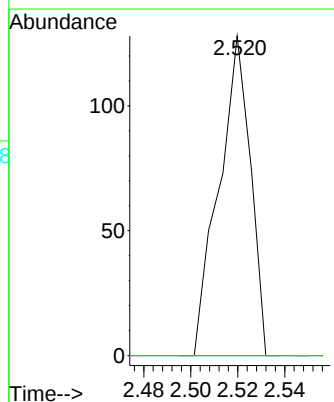
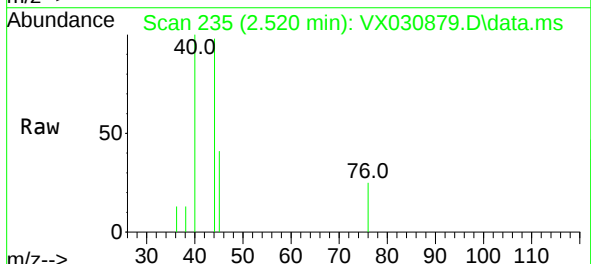
Instrument :
 MSVOA_X
 ClientSampleId :
 265751-1

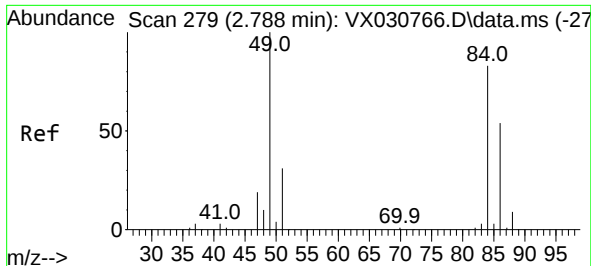
Tgt Ion: 43 Resp: 1548
 Ion Ratio Lower Upper
 43 100
 58 37.6 27.7 41.5



#17
 Carbon Disulfide
 Concen: Below Cal
 RT: 2.520 min Scan# 235
 Delta R.T. 0.012 min
 Lab File: VX030879.D
 Acq: 27 Aug 2022 18:37

Tgt Ion: 76 Resp: 119
 Ion Ratio Lower Upper
 76 100
 78 0.0 7.8 11.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX030879.D

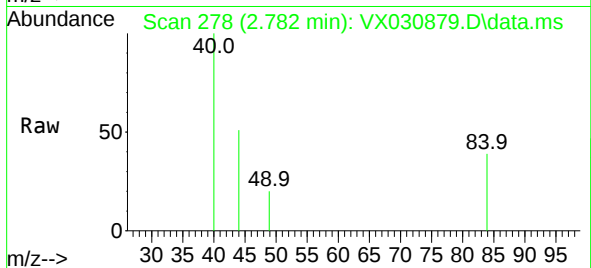
Acq: 27 Aug 2022 18:37

Instrument :

MSVOA_X

ClientSampleId :

265751-1



Tgt Ion: 84 Resp: 204

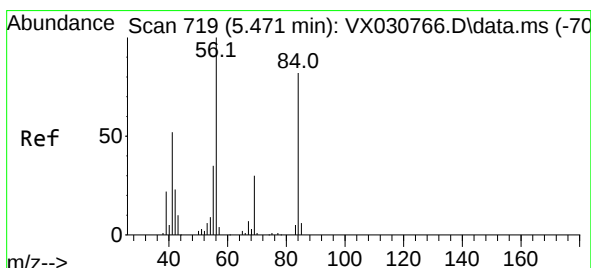
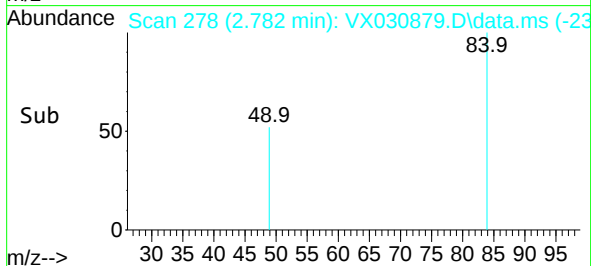
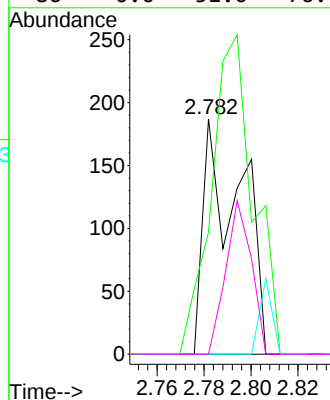
Ion Ratio Lower Upper

84 100

49 51.9 93.8 140.6#

51 0.0 29.4 44.0#

86 0.0 51.0 76.4#



#31

Cyclohexane

Concen: 1.450 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.091 min

Lab File: VX030879.D

Acq: 27 Aug 2022 18:37

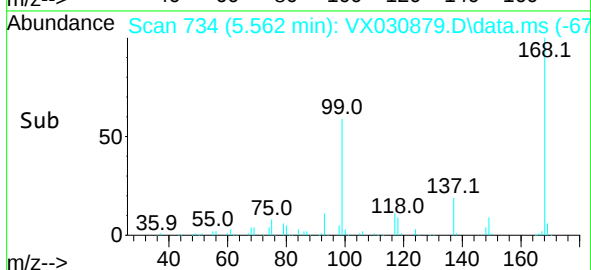
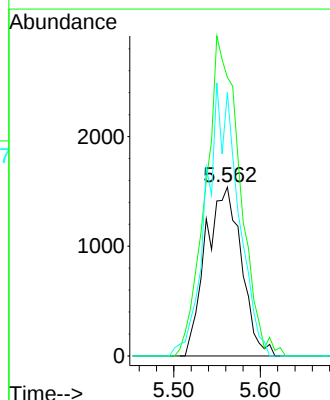
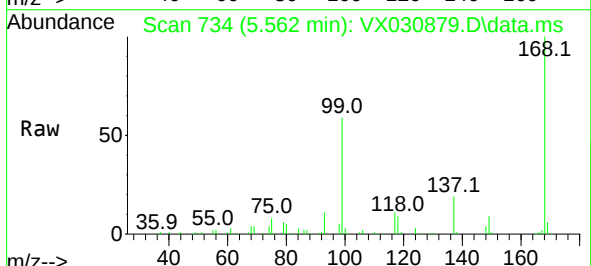
Tgt Ion: 56 Resp: 4410

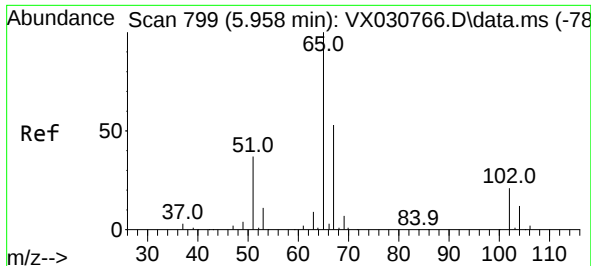
Ion Ratio Lower Upper

56 100

69 161.1 25.4 38.0#

84 156.2 68.9 103.3#

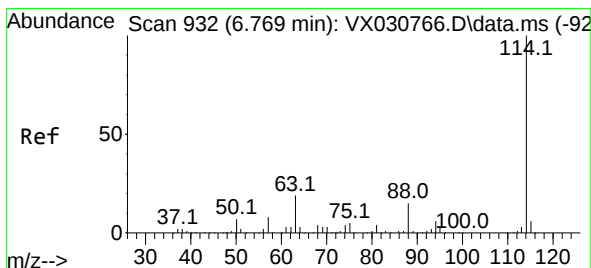
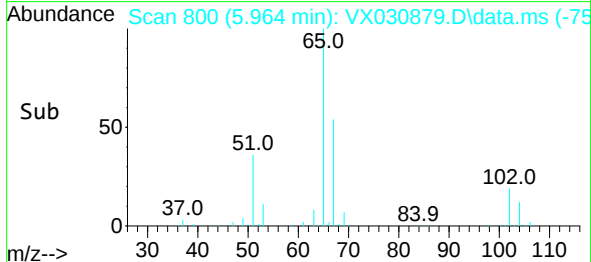
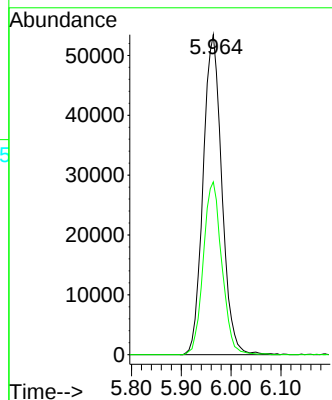
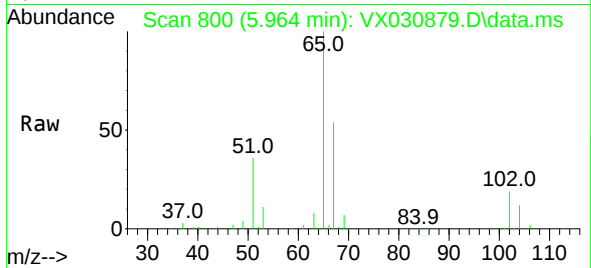




#33
 1,2-Dichloroethane-d4
 Concen: 58.580 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.006 min
 Lab File: VX030879.D
 Acq: 27 Aug 2022 18:37

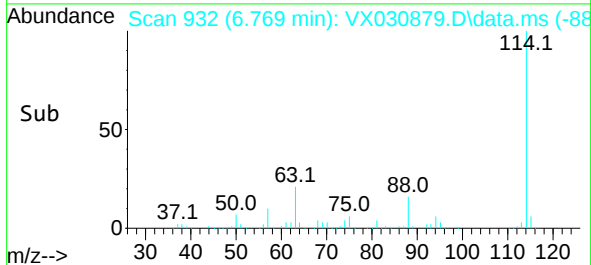
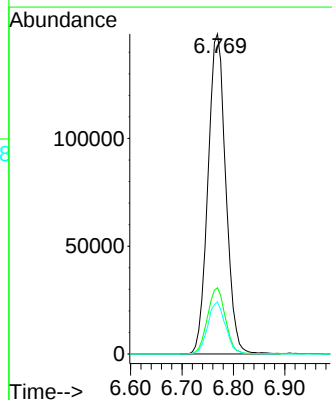
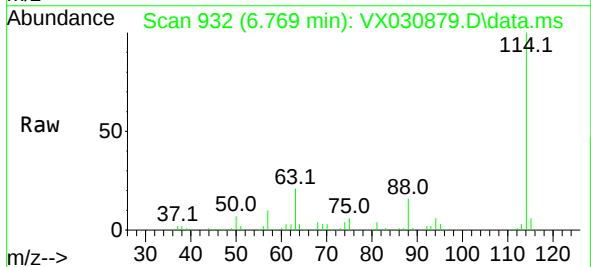
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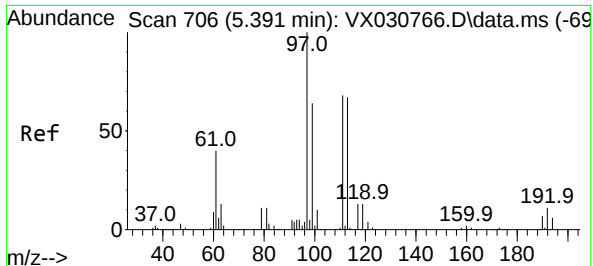
Tgt Ion: 65 Resp: 139333
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX030879.D
 Acq: 27 Aug 2022 18:37

Tgt Ion: 114 Resp: 356974
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 38.4
 88 16.3 0.0 31.8

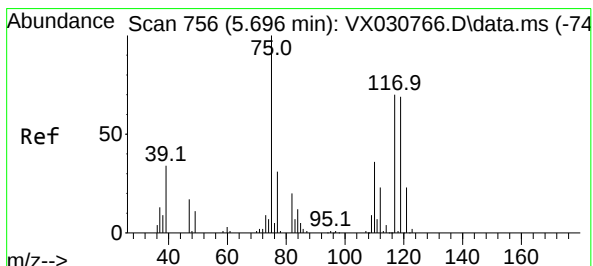
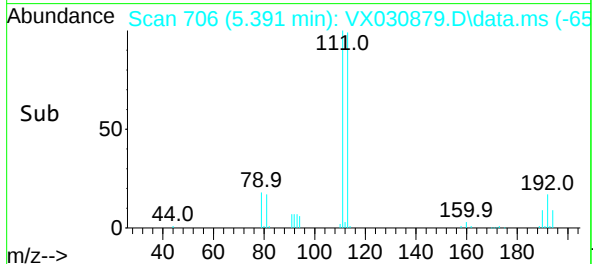
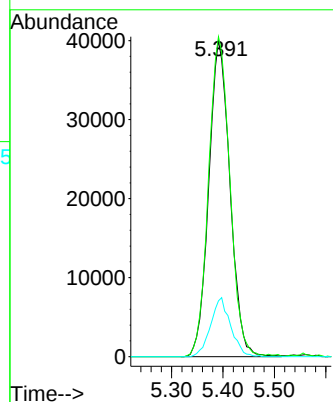
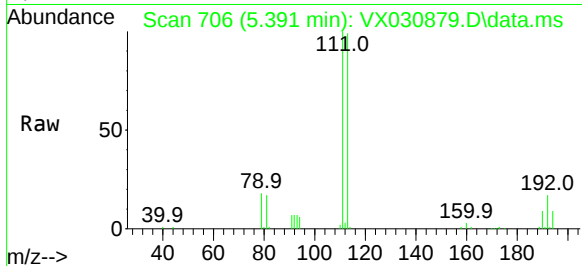




#35
Dibromofluoromethane
Concen: 52.186 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030879.D
Acq: 27 Aug 2022 18:37

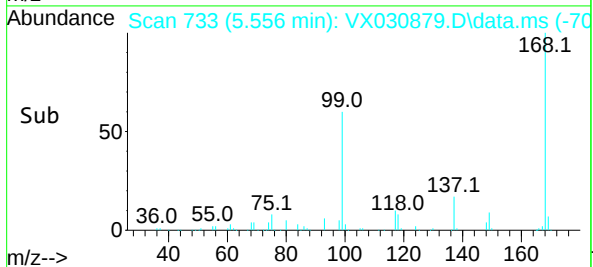
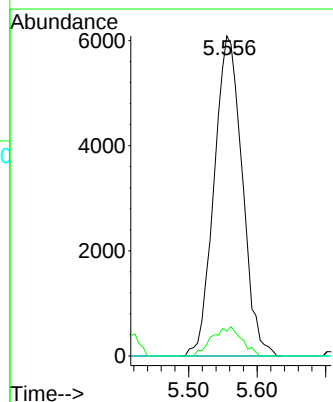
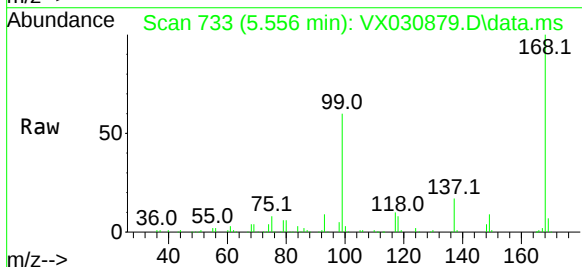
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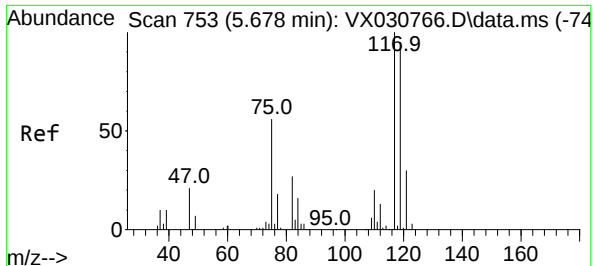
Tgt Ion:113 Resp: 114491
Ion Ratio Lower Upper
113 100
111 102.1 83.2 124.8
192 17.7 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.795 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX030879.D
Acq: 27 Aug 2022 18:37

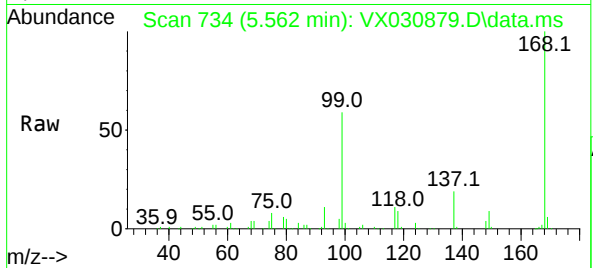
Tgt Ion: 75 Resp: 17311
Ion Ratio Lower Upper
75 100
110 9.7 19.3 57.9#
77 0.0 24.4 36.6#



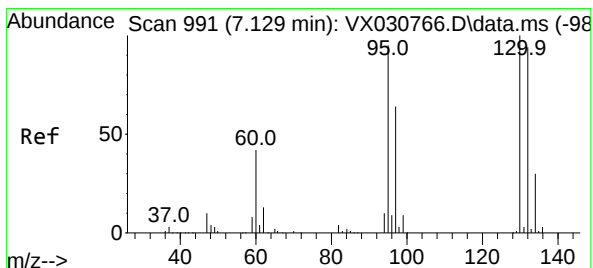
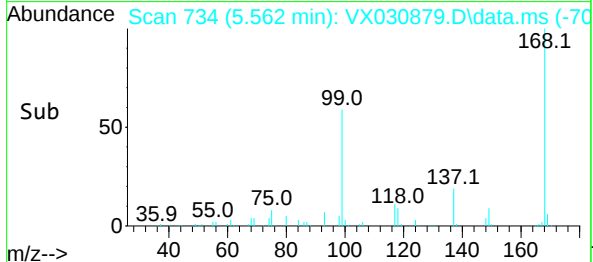
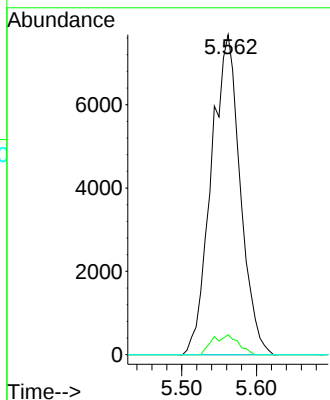


#38
Carbon Tetrachloride
Concen: 6.577 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX030879.D
Acq: 27 Aug 2022 18:37

Instrument :
MSVOA_X
ClientSampleId :
265751-1

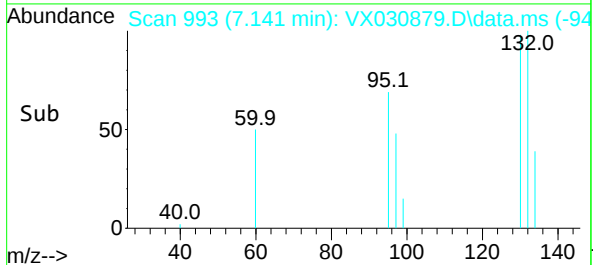
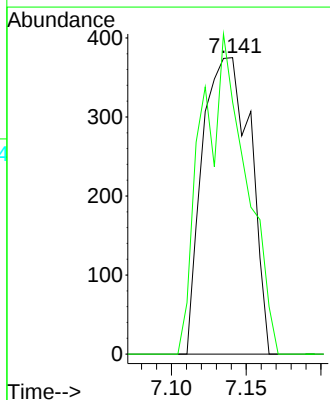
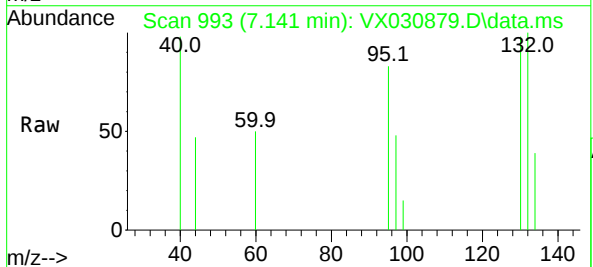


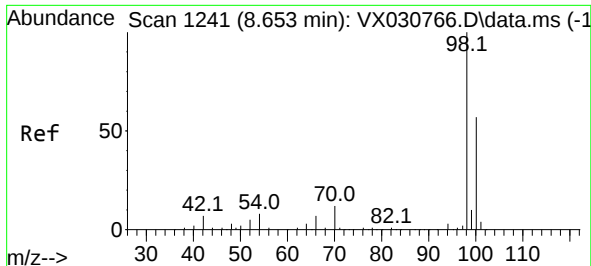
Tgt Ion:117 Resp: 20725
Ion Ratio Lower Upper
117 100
119 6.3 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.322 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX030879.D
Acq: 27 Aug 2022 18:37

Tgt Ion:130 Resp: 831
Ion Ratio Lower Upper
130 100
95 85.1 0.0 194.8

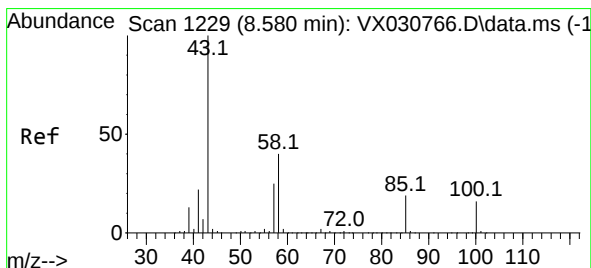
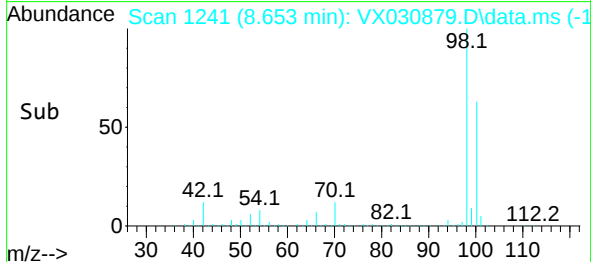
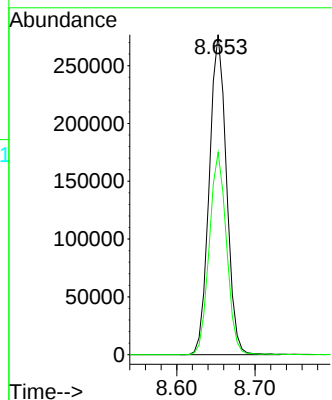
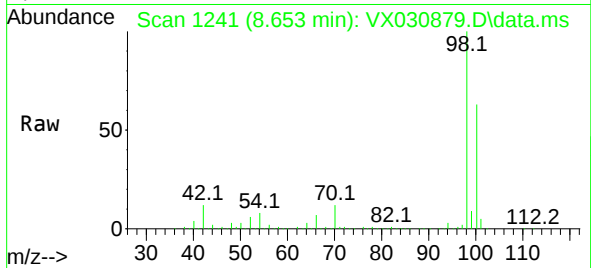




#50
Toluene-d8
Concen: 55.186 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030879.D
Acq: 27 Aug 2022 18:37

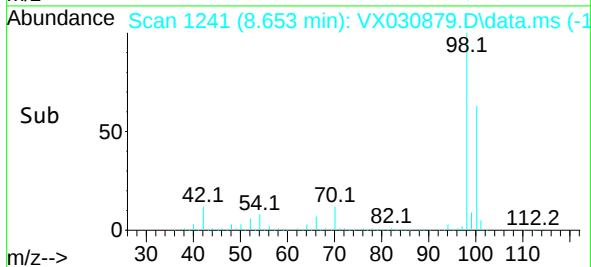
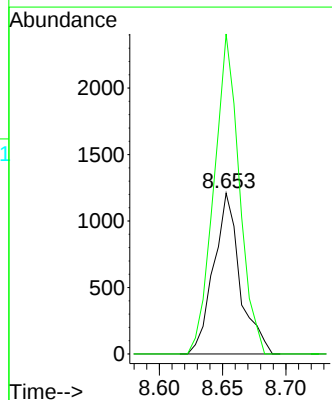
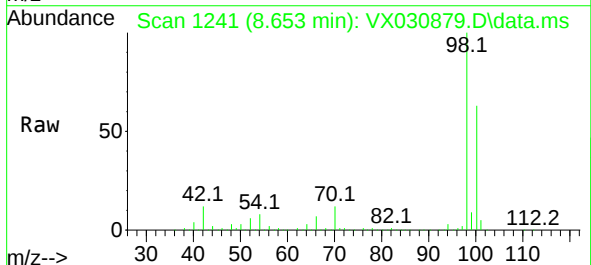
Instrument :
MSVOA_X
ClientSampleId :
265751-1

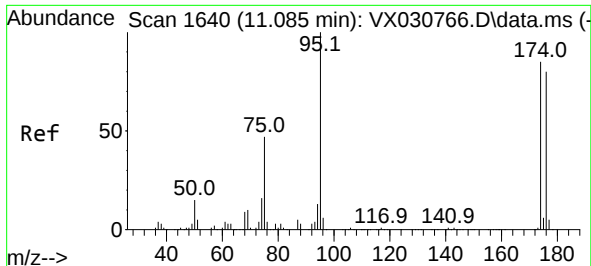
Tgt Ion: 98 Resp: 421895
Ion Ratio Lower Upper
98 100
100 63.1 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.488 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX030879.D
Acq: 27 Aug 2022 18:37

Tgt Ion: 43 Resp: 1754
Ion Ratio Lower Upper
43 100
58 191.2 31.4 47.2#

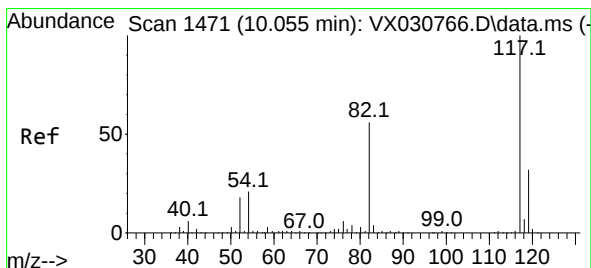
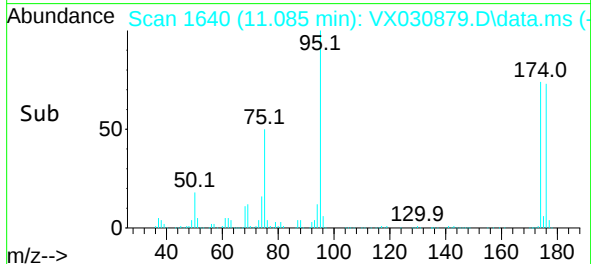
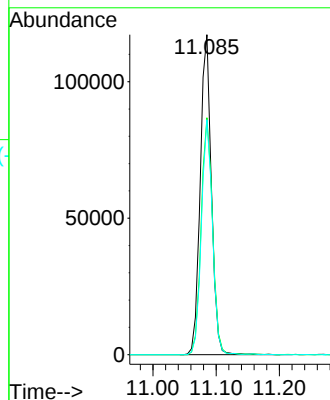
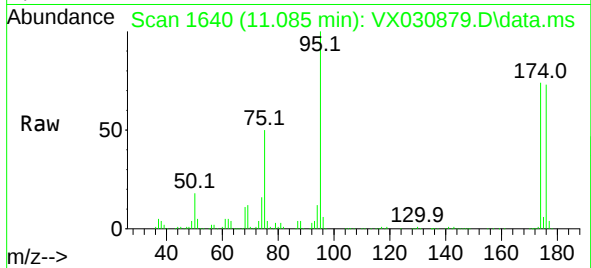




#62
4-Bromofluorobenzene
Concen: 50.508 ug/l
RT: 11.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030879.D
Acq: 27 Aug 2022 18:37

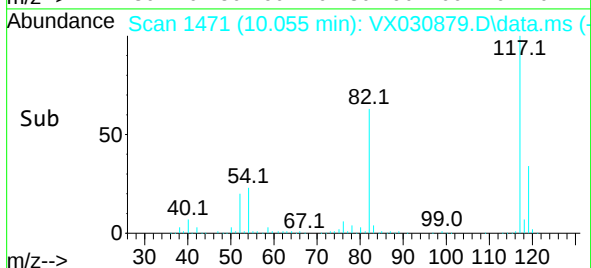
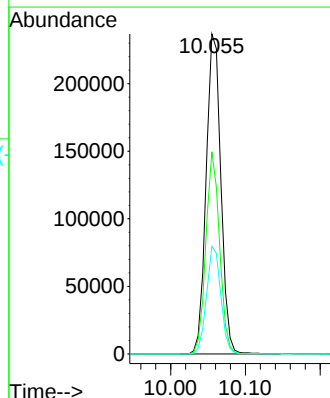
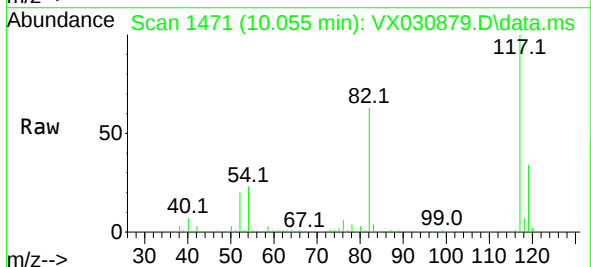
Instrument :
MSVOA_X
ClientSampleId :
265751-1

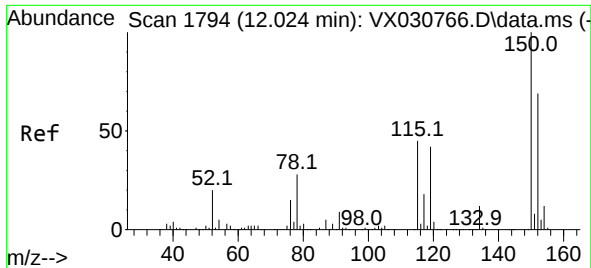
Tgt Ion: 95 Resp: 143759
Ion Ratio Lower Upper
95 100
174 75.7 0.0 149.0
176 72.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030879.D
Acq: 27 Aug 2022 18:37

Tgt Ion: 117 Resp: 324170
Ion Ratio Lower Upper
117 100
82 63.2 42.7 64.1
119 33.6 25.4 38.2

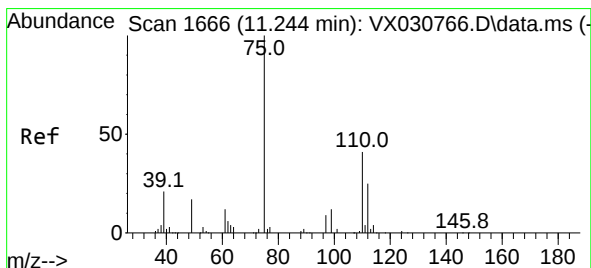
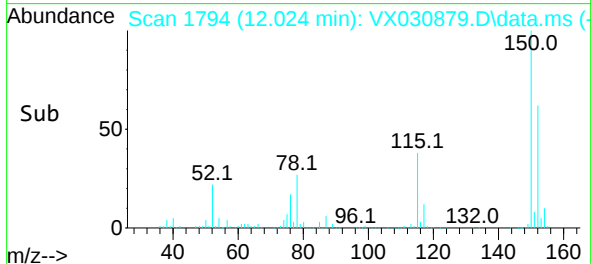
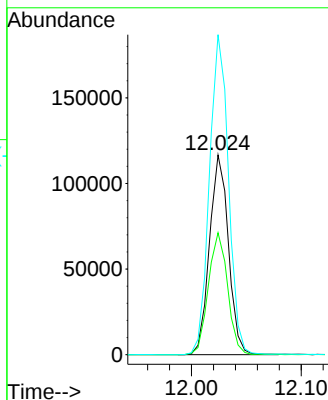
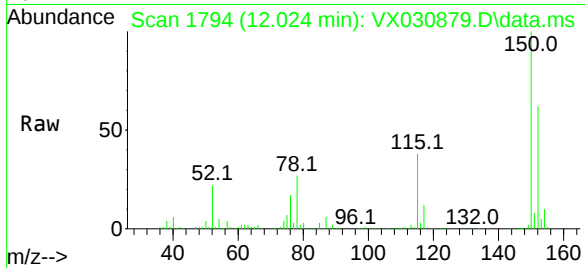




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030879.D
 Acq: 27 Aug 2022 18:37

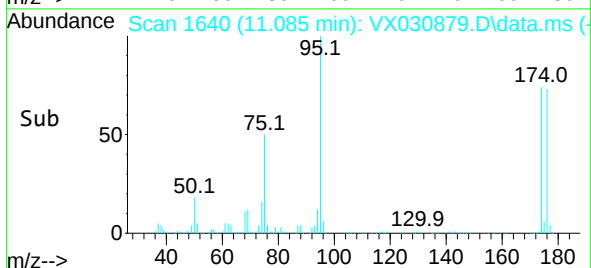
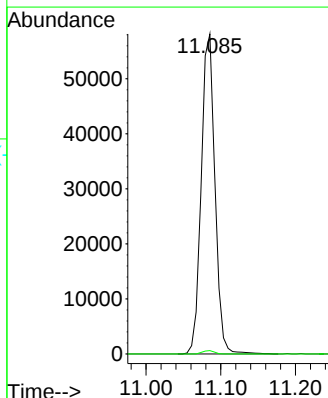
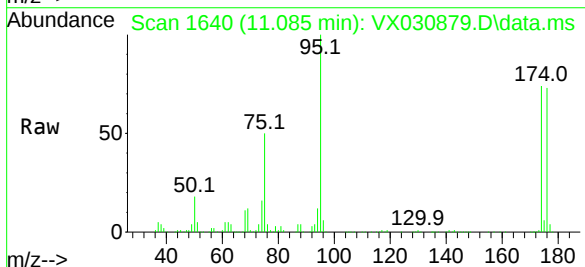
Instrument :
 MSVOA_X
 ClientSampleId :
 265751-1

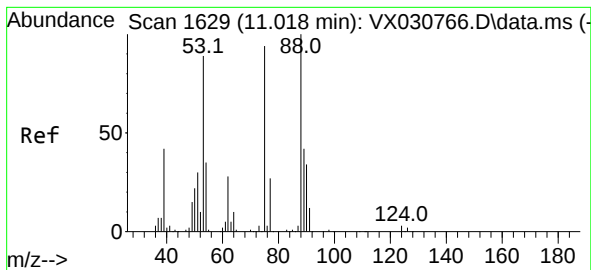
Tgt Ion:152 Resp: 140182
 Ion Ratio Lower Upper
 152 100
 115 62.0 40.5 121.5
 150 161.4 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 24.105 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX030879.D
 Acq: 27 Aug 2022 18:37

Tgt Ion: 75 Resp: 74032
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.774 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX030879.D
 Acq: 27 Aug 2022 18:37

Instrument :
 MSVOA_X
 ClientSampleId :
 265751-1

Tgt Ion: 75 Resp: 74032
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.2 111.4#
 89 0.1 34.8 52.2#

