

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029899.D
 Acq On : 30 Jun 2022 07:10
 Operator : JC/MD
 Sample : N3481-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-34

Quant Time: Jun 30 08:54:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

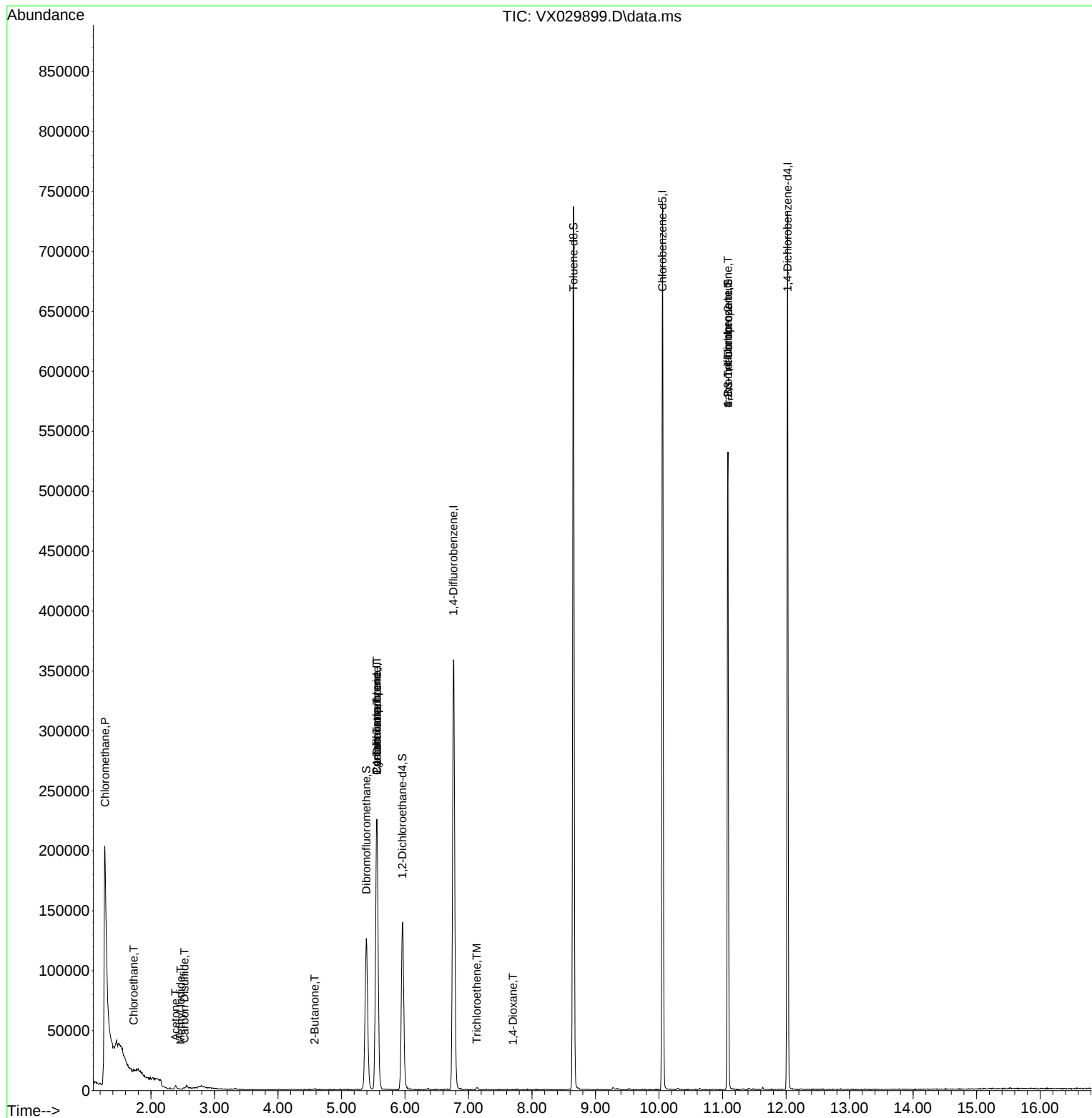
Internal Standards						
1) Pentafluorobenzene	5.556	168	222334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	388462	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	338235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	145730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	126319	44.884	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.760%
35) Dibromofluoromethane	5.391	113	111516	45.935	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.880%
50) Toluene-d8	8.653	98	440395	48.356	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.720%
62) 4-Bromofluorobenzene	11.085	95	149702	46.501	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.276	50	8399	3.362	ug/l #	42
6) Chloroethane	1.727	64	964	1.553	ug/l #	45
10) Methyl Iodide	2.465	142	103	1.906	ug/l #	45
13) Acrolein	2.239	56	157	Below Cal	#	73
16) Acetone	2.386	43	3393	2.464	ug/l	92
17) Carbon Disulfide	2.526	76	1873	0.329	ug/l #	91
25) 2-Butanone	4.574	43	872	0.365	ug/l #	48
31) Cyclohexane	5.556	56	4476	1.141	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	16387	5.075	ug/l #	49
38) Carbon Tetrachloride	5.556	117	20671	7.388	ug/l #	18
44) Trichloroethene	7.129	130	618	0.220	ug/l	90
49) 1,4-Dioxane	7.702	88	25	0.335	ug/l #	25
76) 1,2,3-Trichloropropane	11.085	75	70158	20.111	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	70158	63.867	ug/l #	13

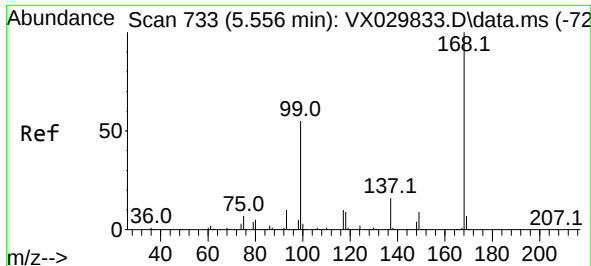
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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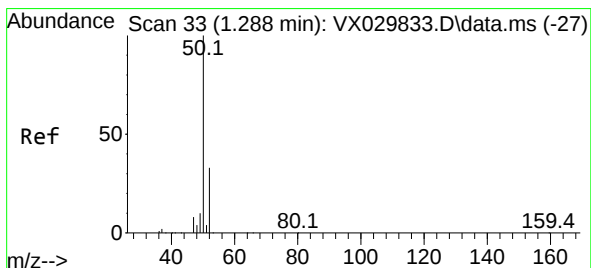
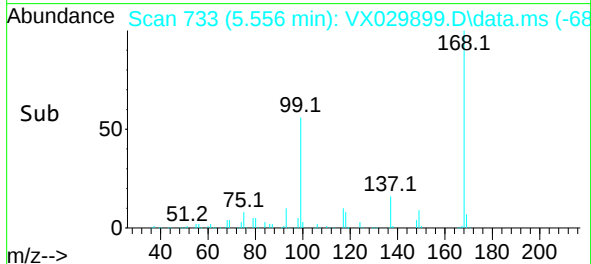
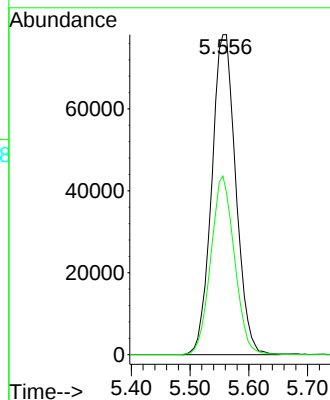
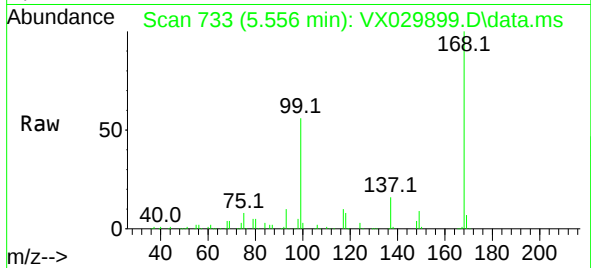




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029899.D
Acq: 30 Jun 2022 07:10

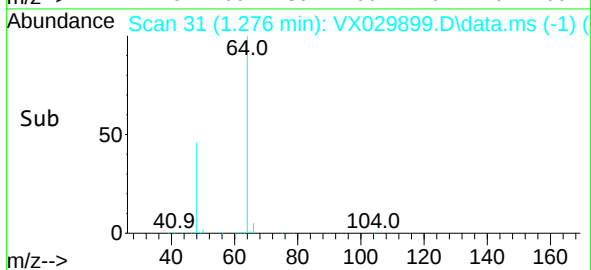
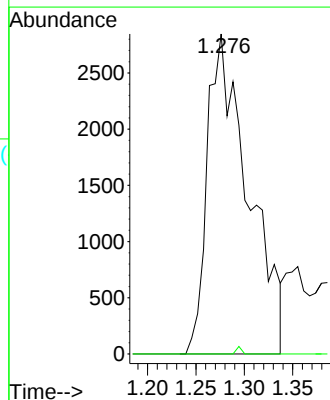
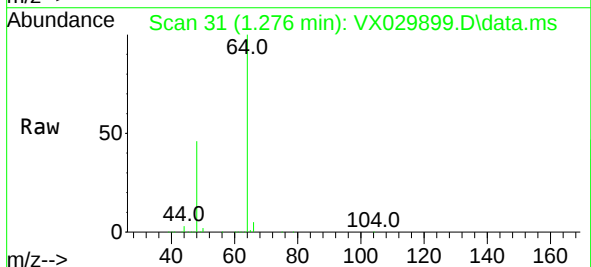
Instrument :
MSVOA_X
ClientSampleId :
MW-34

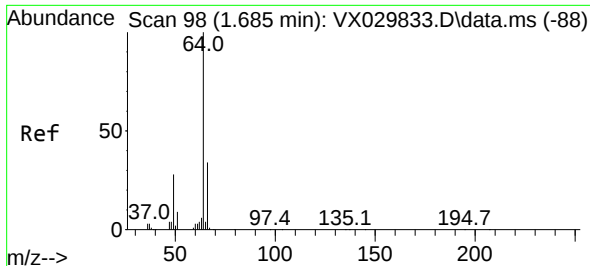
Tgt Ion:168 Resp: 222334
Ion Ratio Lower Upper
168 100
99 55.9 44.0 66.0



#3
Chloromethane
Concen: 3.362 ug/l
RT: 1.276 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX029899.D
Acq: 30 Jun 2022 07:10

Tgt Ion: 50 Resp: 8399
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

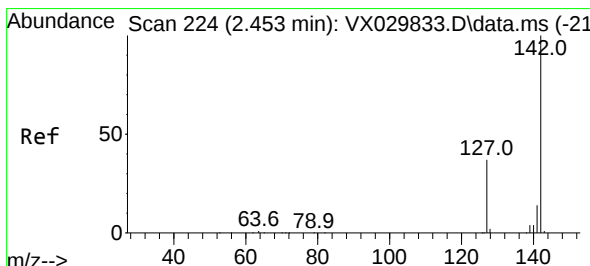
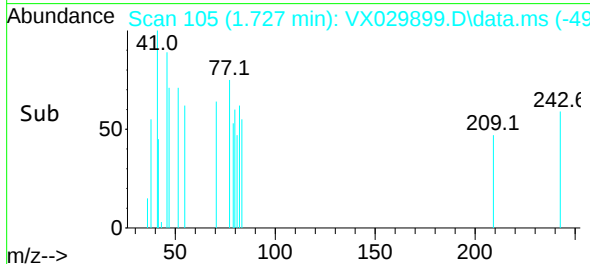
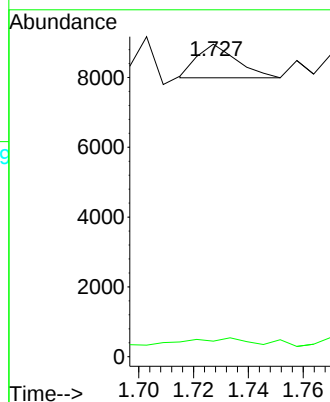
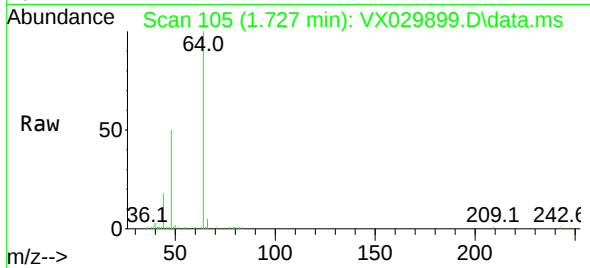




#6
Chloroethane
Concen: 1.553 ug/l
RT: 1.727 min Scan# 105
Delta R.T. 0.042 min
Lab File: VX029899.D
Acq: 30 Jun 2022 07:10

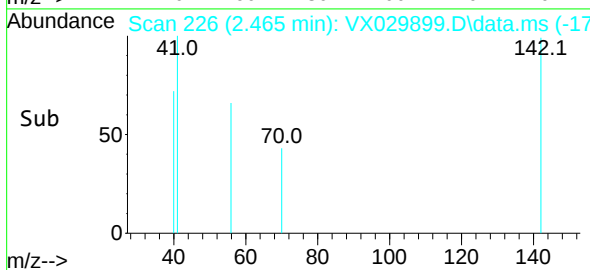
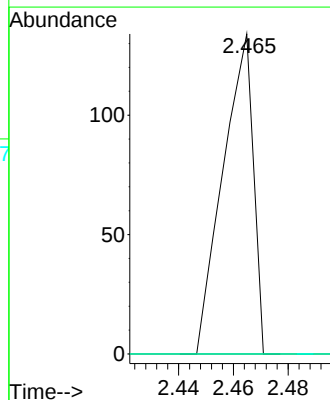
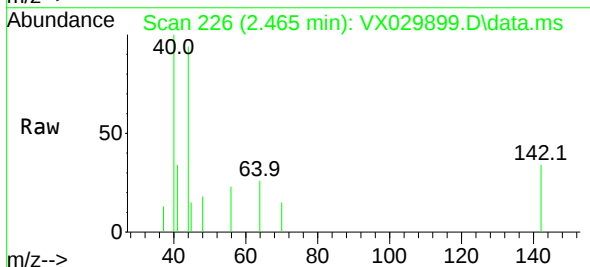
Instrument :
MSVOA_X
ClientSampleId :
MW-34

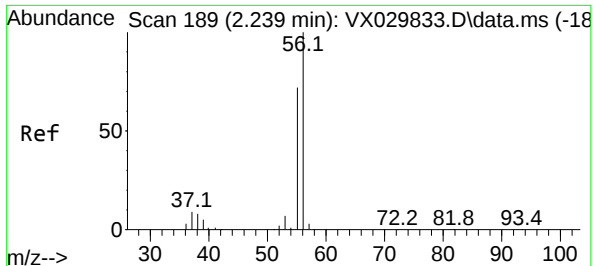
Tgt Ion: 64 Resp: 964
Ion Ratio Lower Upper
64 100
66 2.5 27.2 40.8#



#10
Methyl Iodide
Concen: 1.906 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX029899.D
Acq: 30 Jun 2022 07:10

Tgt Ion: 142 Resp: 103
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#

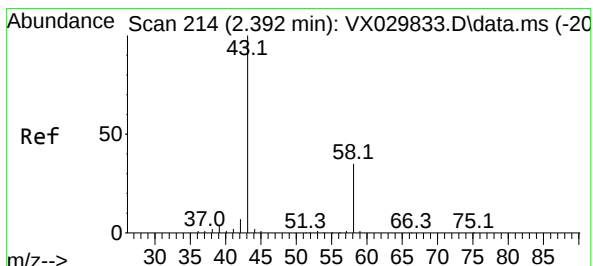
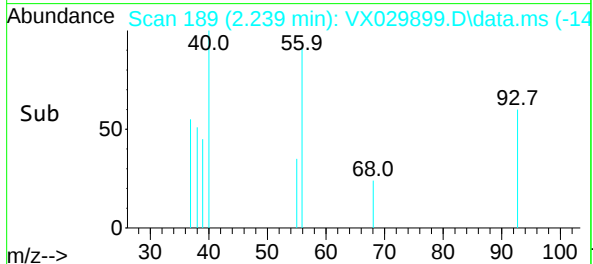
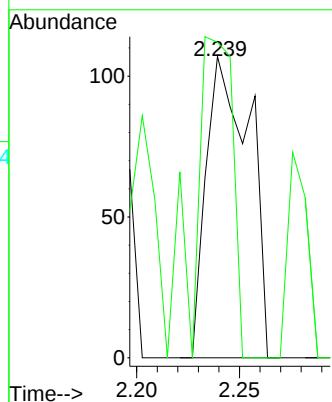
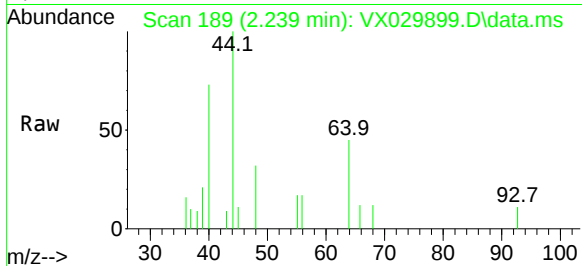




#13
Acrolein
Concen: Below Cal
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029899.D
Acq: 30 Jun 2022 07:10

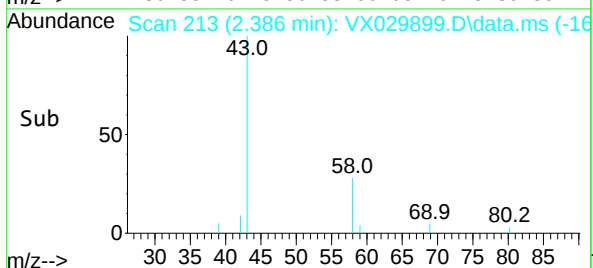
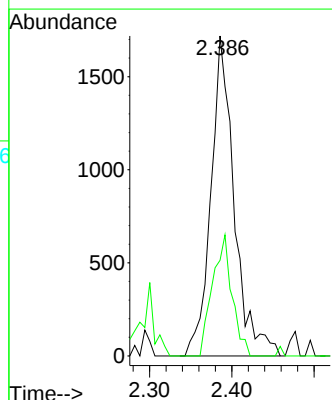
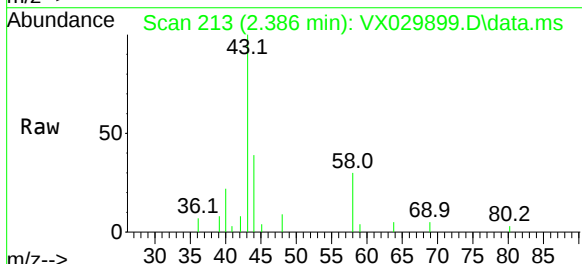
Instrument :
MSVOA_X
ClientSampleId :
MW-34

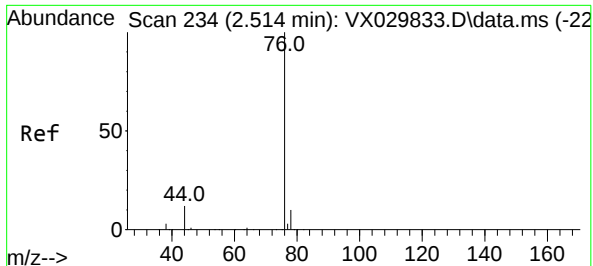
Tgt Ion: 56 Resp: 157
Ion Ratio Lower Upper
56 100
55 93.0 56.6 84.8#



#16
Acetone
Concen: 2.464 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029899.D
Acq: 30 Jun 2022 07:10

Tgt Ion: 43 Resp: 3393
Ion Ratio Lower Upper
43 100
58 29.9 27.7 41.5

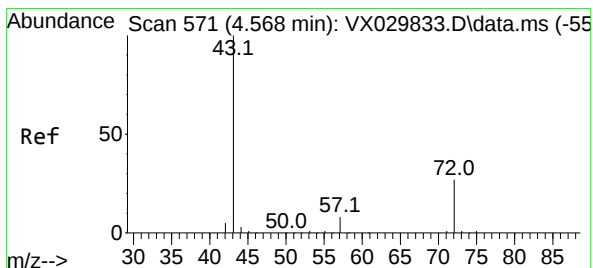
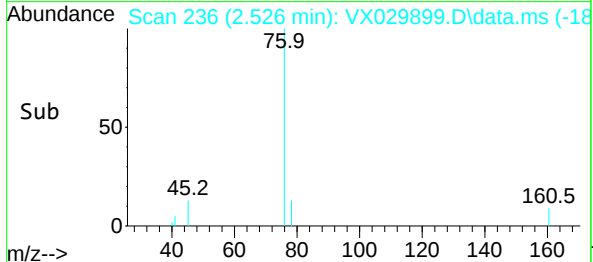
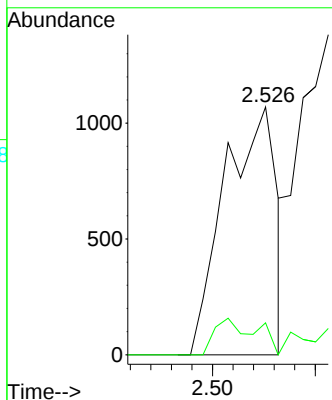
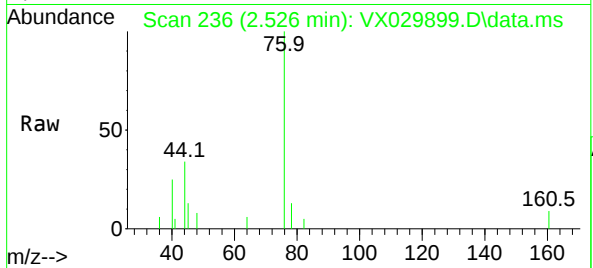




#17
Carbon Disulfide
Concen: 0.329 ug/l
RT: 2.526 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029899.D
Acq: 30 Jun 2022 07:10

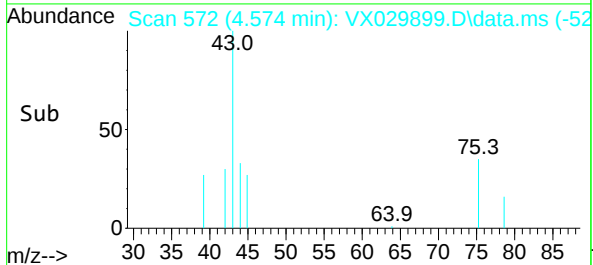
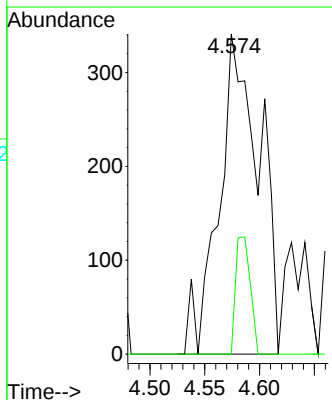
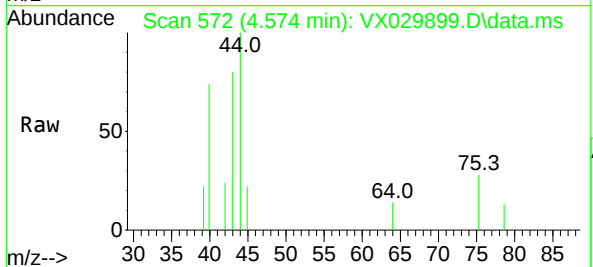
Instrument :
MSVOA_X
ClientSampleId :
MW-34

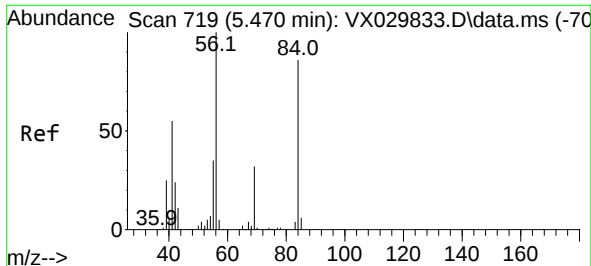
Tgt Ion: 76 Resp: 1873
Ion Ratio Lower Upper
76 100
78 12.9 7.8 11.6#



#25
2-Butanone
Concen: 0.365 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX029899.D
Acq: 30 Jun 2022 07:10

Tgt Ion: 43 Resp: 872
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#

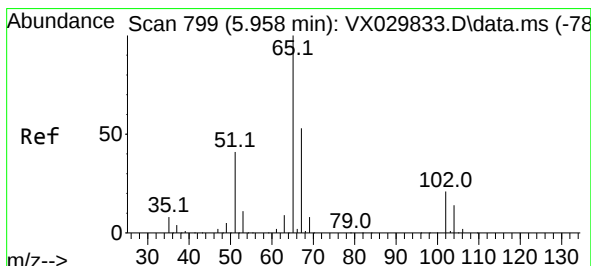
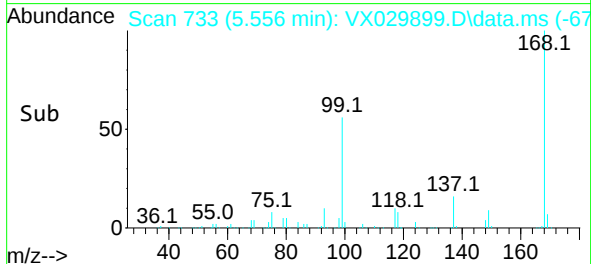
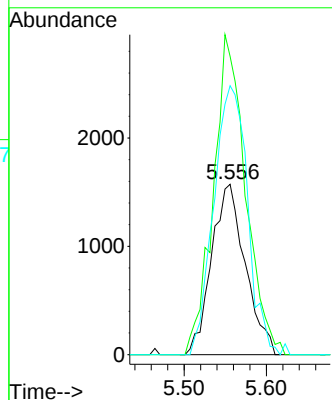
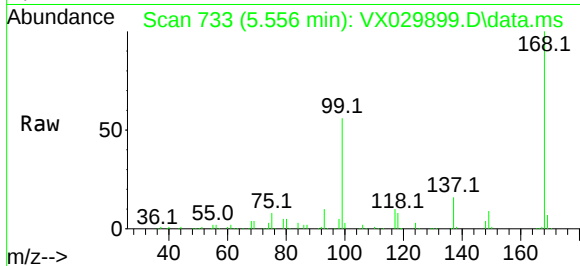




#31
Cyclohexane
Concen: 1.141 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX029899.D
Acq: 30 Jun 2022 07:10

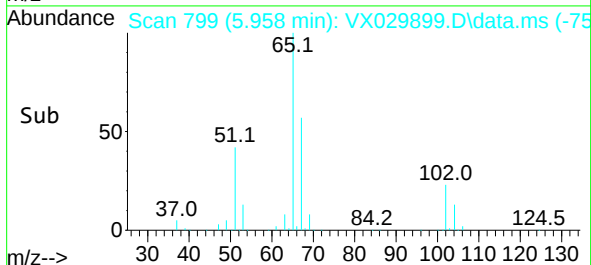
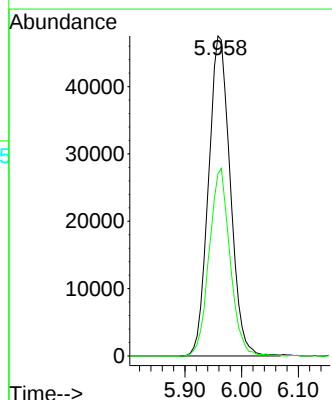
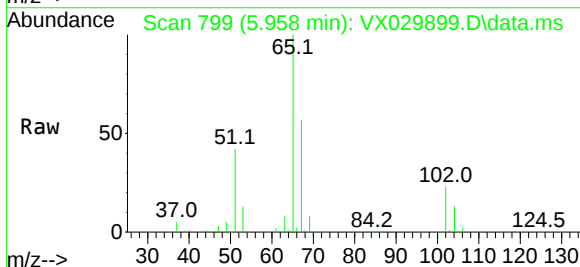
Instrument :
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ClientSampleId :
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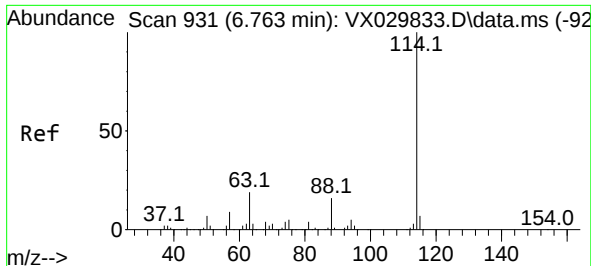
Tgt Ion: 56 Resp: 4476
Ion Ratio Lower Upper
56 100
69 175.0 25.4 38.0#
84 157.9 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 44.884 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX029899.D
Acq: 30 Jun 2022 07:10

Tgt Ion: 65 Resp: 126319
Ion Ratio Lower Upper
65 100
67 56.2 0.0 109.6

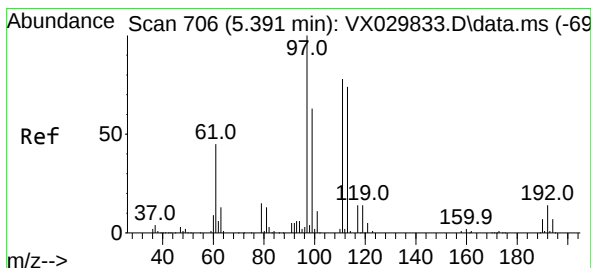
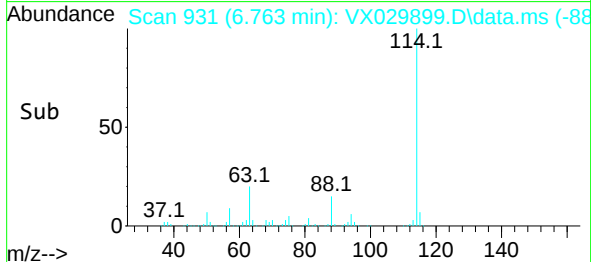
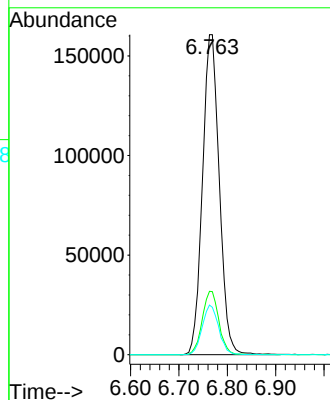
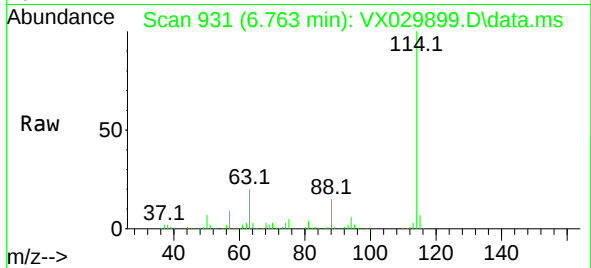




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029899.D
Acq: 30 Jun 2022 07:10

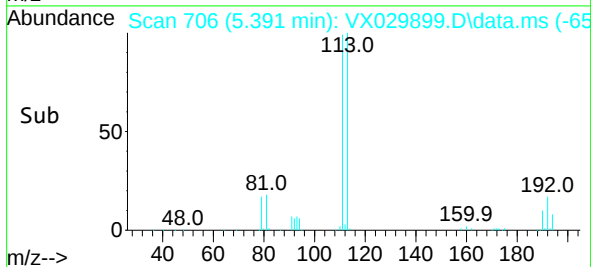
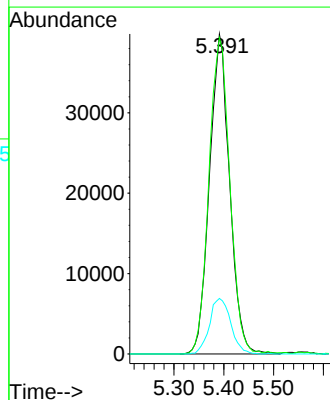
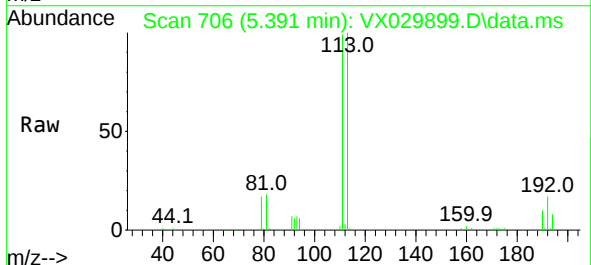
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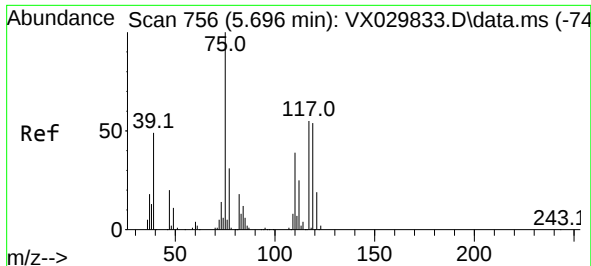
Tgt Ion:114 Resp: 388462
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.4
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 45.935 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029899.D
Acq: 30 Jun 2022 07:10

Tgt Ion:113 Resp: 111516
Ion Ratio Lower Upper
113 100
111 102.7 83.2 124.8
192 18.4 14.8 22.2

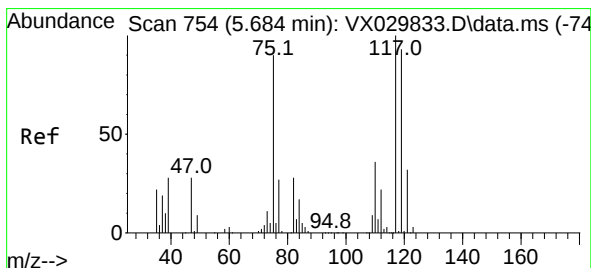
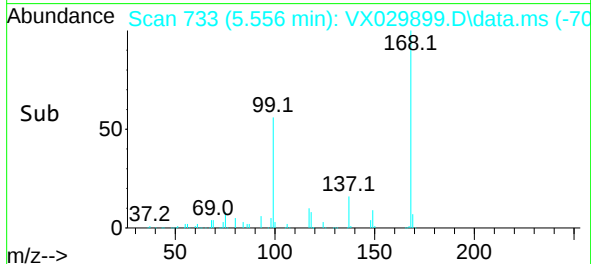
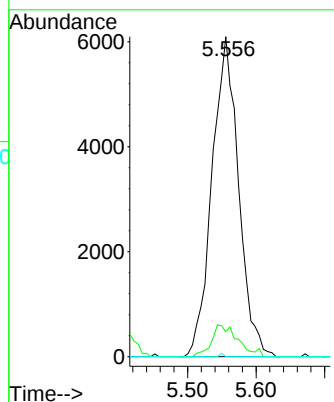
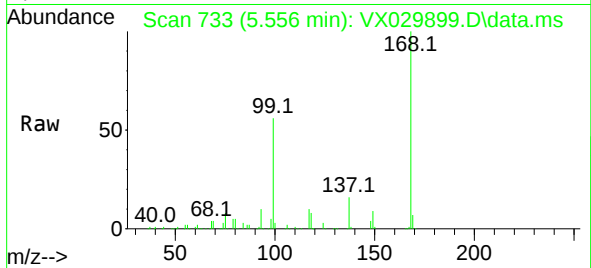




#36
1,1-Dichloropropene
Concen: 5.075 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX029899.D
Acq: 30 Jun 2022 07:10

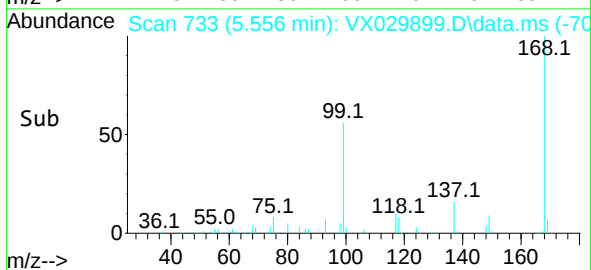
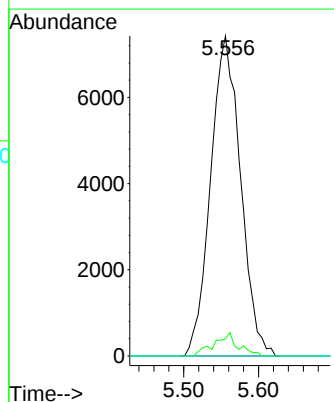
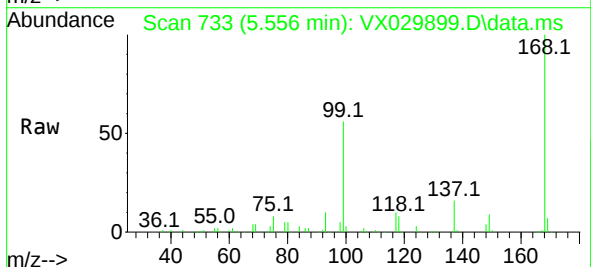
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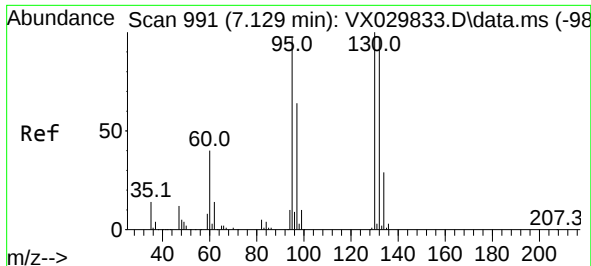
Tgt Ion: 75 Resp: 16387
Ion Ratio Lower Upper
75 100
110 9.9 19.3 57.9#
77 0.2 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.388 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX029899.D
Acq: 30 Jun 2022 07:10

Tgt Ion: 117 Resp: 20671
Ion Ratio Lower Upper
117 100
119 5.3 74.1 111.1#
121 0.0 25.8 38.8#

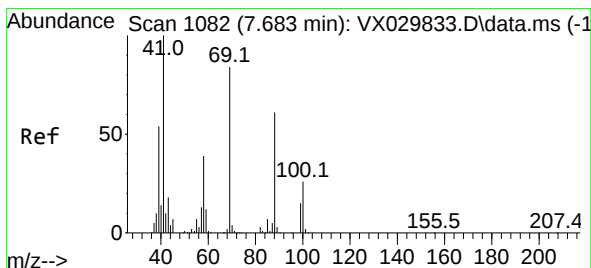
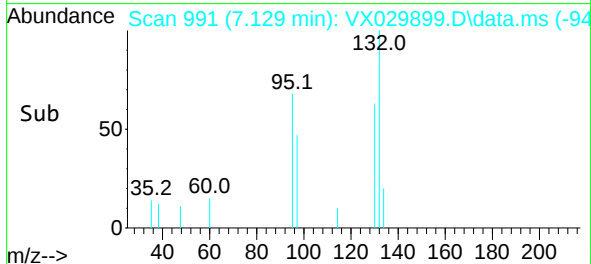
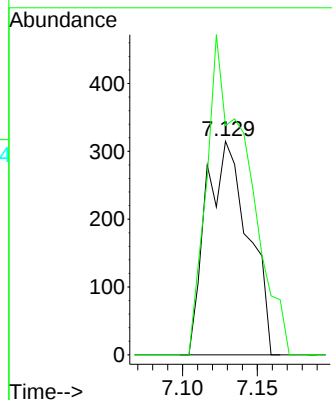
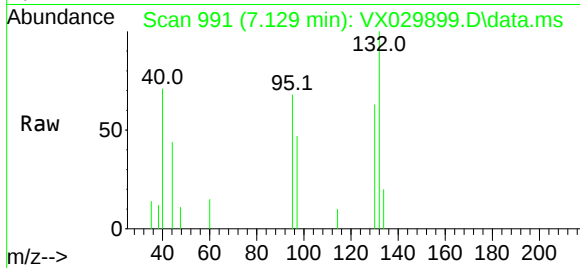




#44
 Trichloroethene
 Concen: 0.220 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX029899.D
 Acq: 30 Jun 2022 07:10

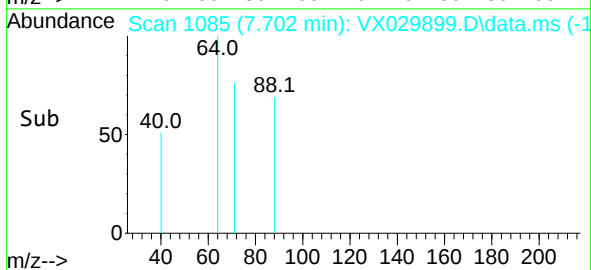
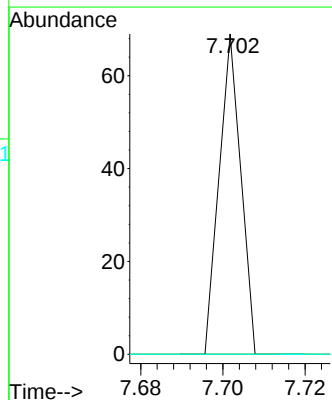
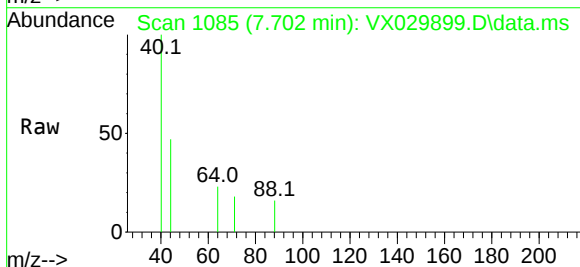
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-34

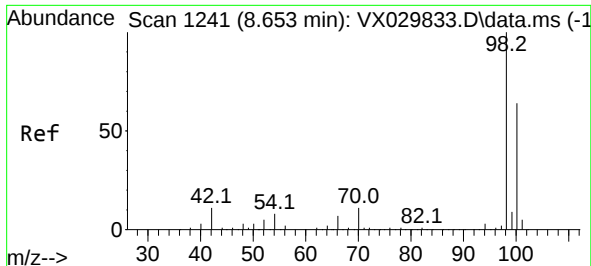
Tgt Ion: 130 Resp: 618
 Ion Ratio Lower Upper
 130 100
 95 107.3 0.0 194.8



#49
 1,4-Dioxane
 Concen: 0.335 ug/l
 RT: 7.702 min Scan# 1085
 Delta R.T. 0.018 min
 Lab File: VX029899.D
 Acq: 30 Jun 2022 07:10

Tgt Ion: 88 Resp: 25
 Ion Ratio Lower Upper
 88 100
 43 0.0 23.8 35.8#
 58 0.0 53.8 80.6#

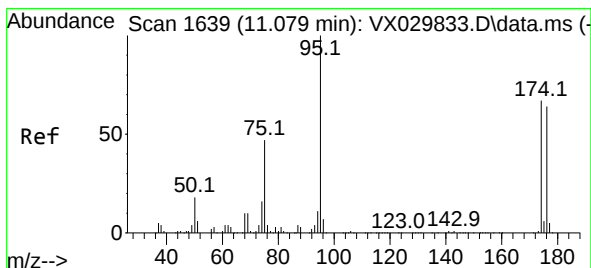
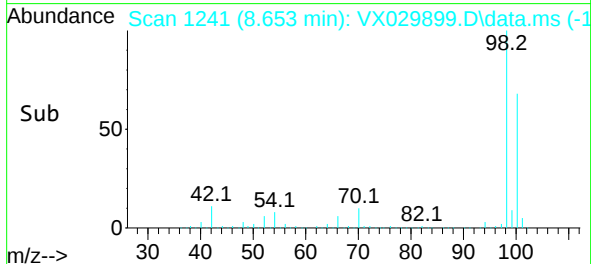
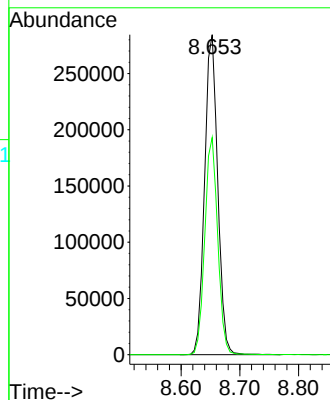
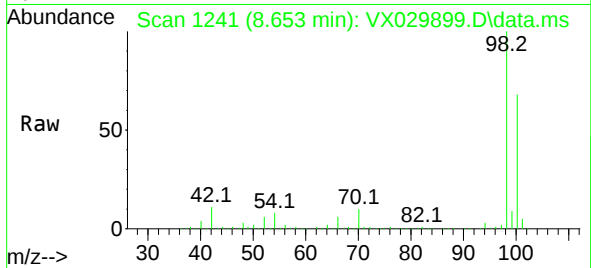




#50
Toluene-d8
Concen: 48.356 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029899.D
Acq: 30 Jun 2022 07:10

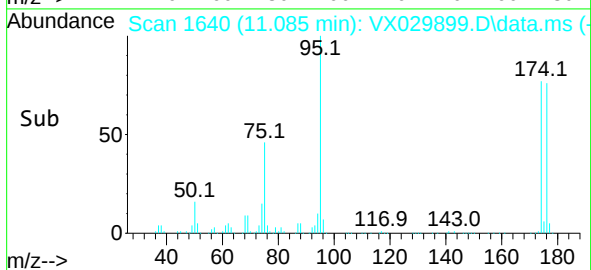
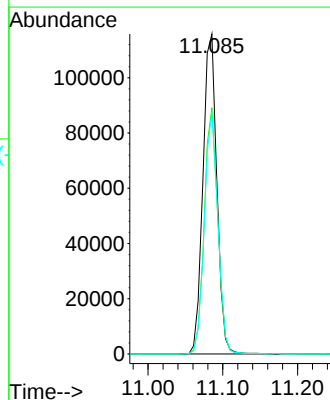
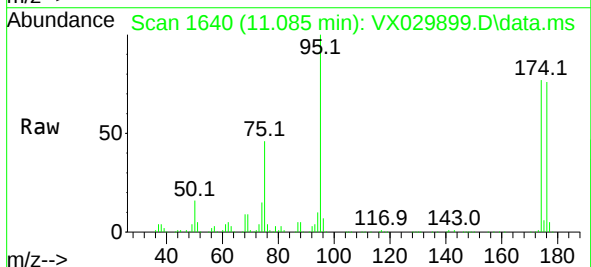
Instrument :
MSVOA_X
ClientSampleId :
MW-34

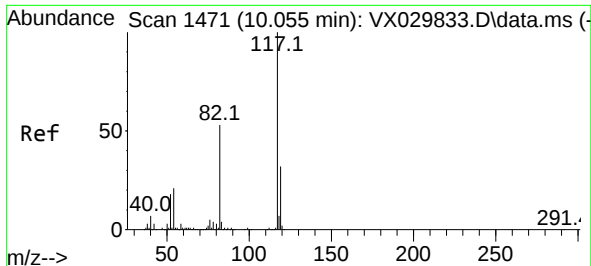
Tgt Ion: 98 Resp: 440395
Ion Ratio Lower Upper
98 100
100 66.9 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 46.501 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029899.D
Acq: 30 Jun 2022 07:10

Tgt Ion: 95 Resp: 149702
Ion Ratio Lower Upper
95 100
174 74.9 0.0 149.0
176 73.4 0.0 146.0

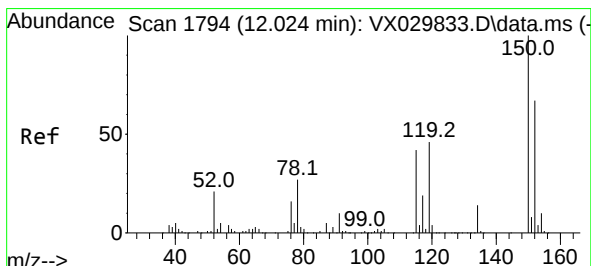
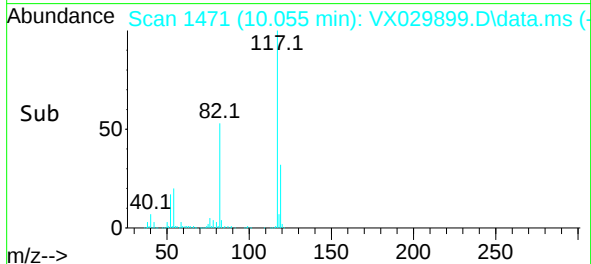
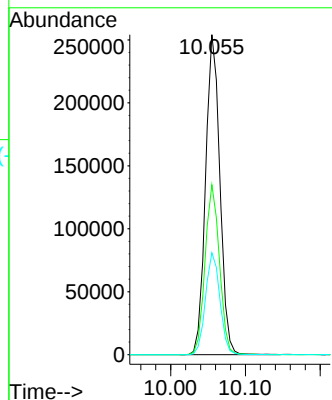
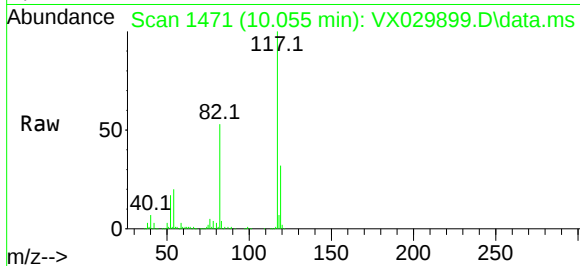




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029899.D
Acq: 30 Jun 2022 07:10

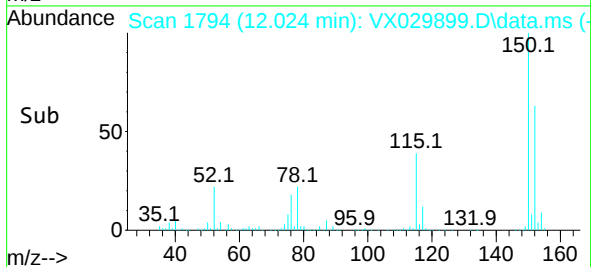
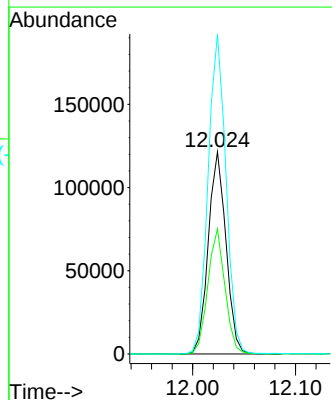
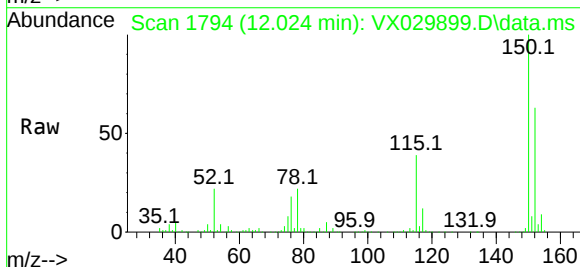
Instrument :
MSVOA_X
ClientSampleId :
MW-34

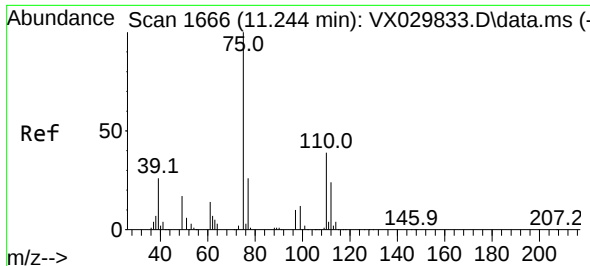
Tgt Ion:117 Resp: 338235
Ion Ratio Lower Upper
117 100
82 53.1 42.7 64.1
119 31.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029899.D
Acq: 30 Jun 2022 07:10

Tgt Ion:152 Resp: 145730
Ion Ratio Lower Upper
152 100
115 60.0 40.5 121.5
150 159.7 0.0 347.0

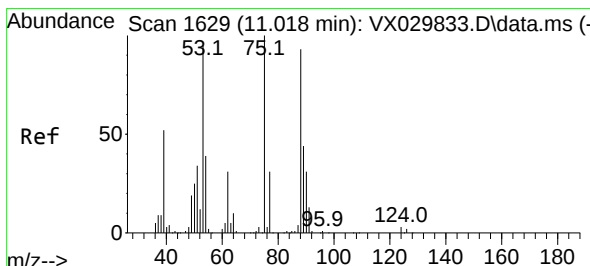
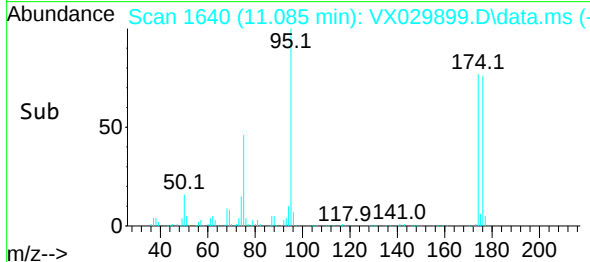
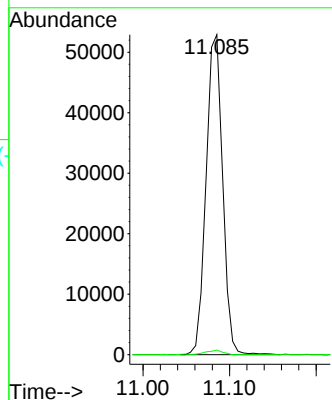
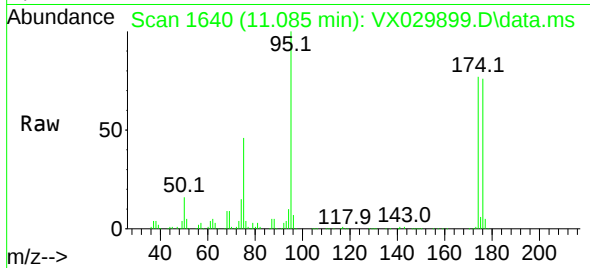




#76
1,2,3-Trichloropropane
Concen: 20.111 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX029899.D
Acq: 30 Jun 2022 07:10

Instrument :
MSVOA_X
ClientSampleId :
MW-34

Tgt Ion: 75 Resp: 70158
Ion Ratio Lower Upper
75 100
77 1.6 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.867 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX029899.D
Acq: 30 Jun 2022 07:10

Tgt Ion: 75 Resp: 70158
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.1 34.8 52.2#

