

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120222\
 Data File : VX033189.D
 Acq On : 02 Dec 2022 16:34
 Operator : JC/MD
 Sample : N5858-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-SAMPLE-TANK-26-27-28-30

Quant Time: Dec 03 04:34:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

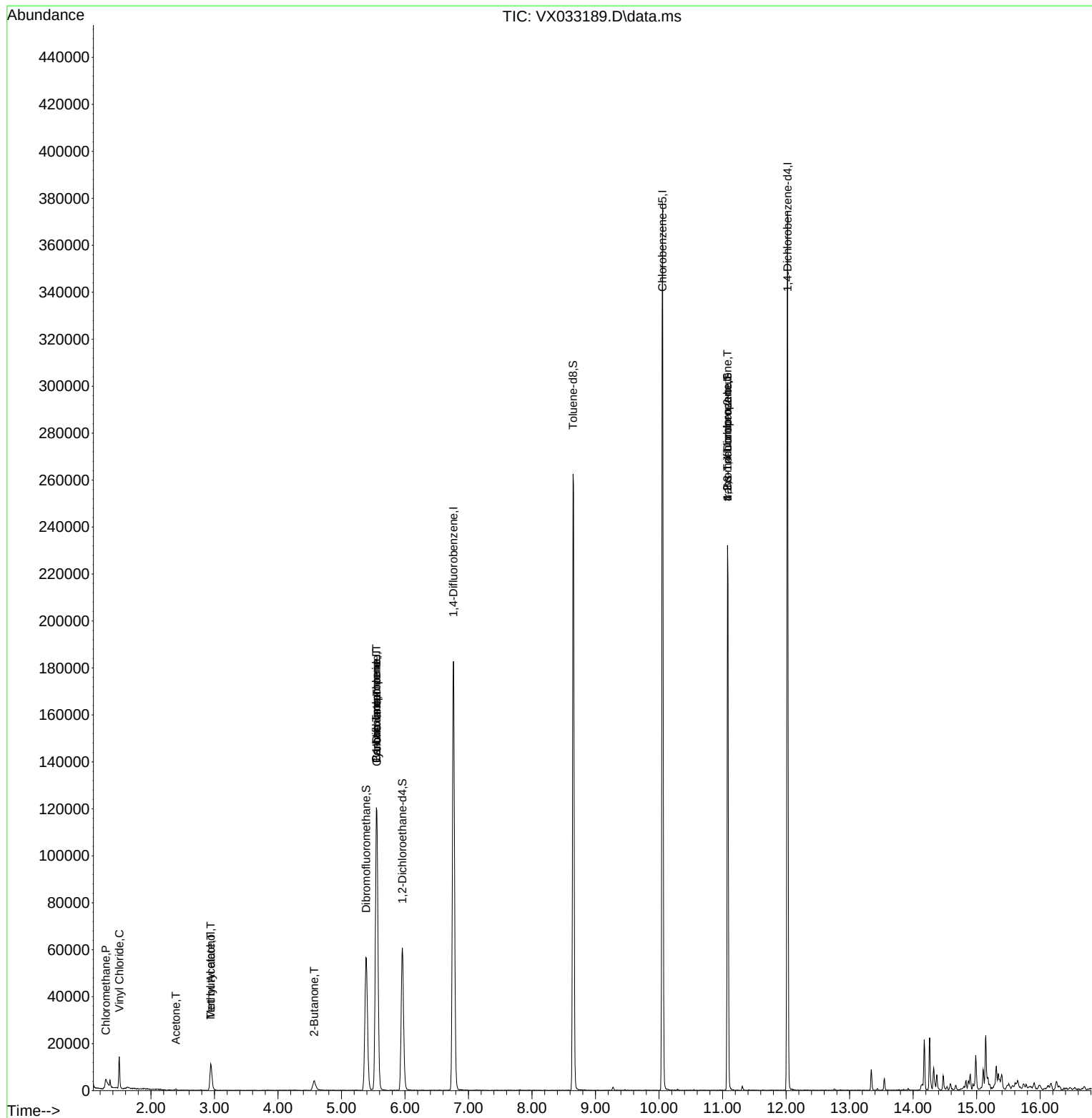
Internal Standards						
1) Pentafluorobenzene	5.550	168	114956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187063	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	76225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61754	55.308	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.620%			
35) Dibromofluoromethane	5.385	113	49220	46.672	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.340%			
50) Toluene-d8	8.647	98	161290	50.868	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.740%			
62) 4-Bromofluorobenzene	11.079	95	60588	43.736	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.480%			
Target Compounds						Qvalue
3) Chloromethane	1.288	50	234	0.247	ug/l #	43
4) Vinyl Chloride	1.502	62	274	0.260	ug/l #	44
11) Tert butyl alcohol	2.941	59	7725	43.530	ug/l #	72
16) Acetone	2.392	43	767	1.467	ug/l	91
18) Methyl Acetate	2.941	43	1003	0.693	ug/l #	51
20) Methylene Chloride	2.794	84	94	Below Cal	#	62
25) 2-Butanone	4.568	43	200	0.277	ug/l #	47
31) Cyclohexane	5.556	56	2457	1.355	ug/l #	27
36) 1,1-Dichloropropene	5.550	75	9209	5.461	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12370	6.613	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	32512	22.522	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	32512	73.206	ug/l #	6

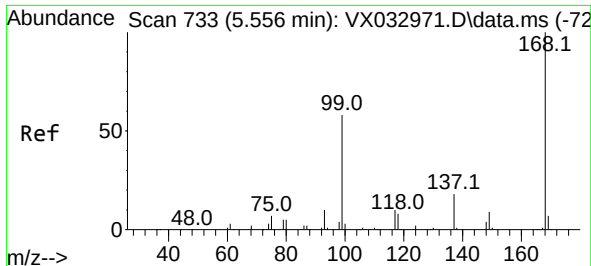
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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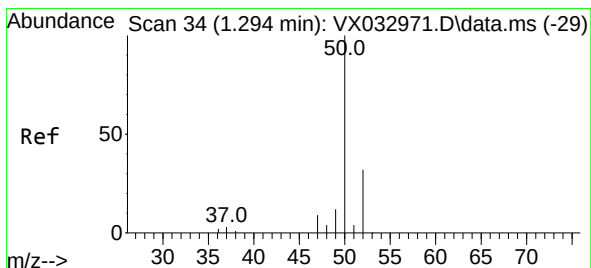
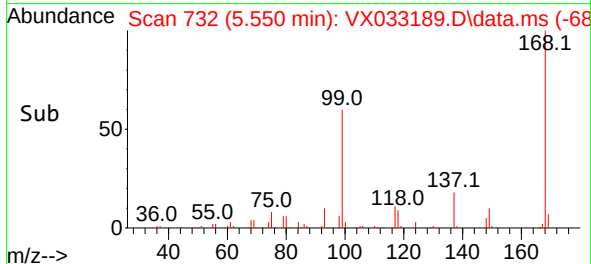
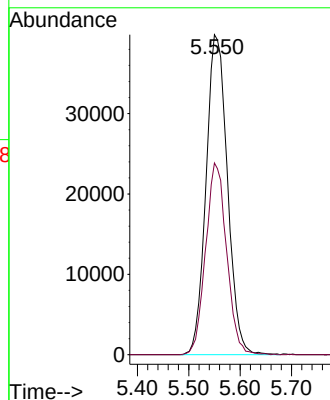
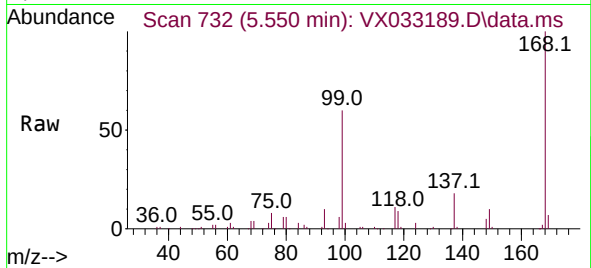




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033189.D
Acq: 02 Dec 2022 16:34

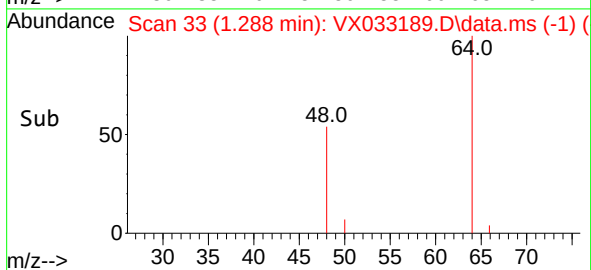
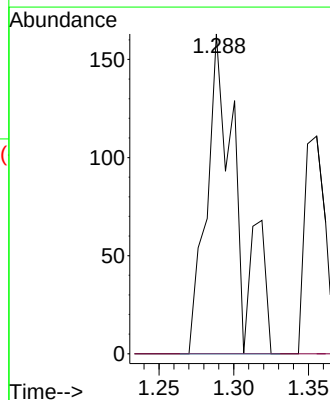
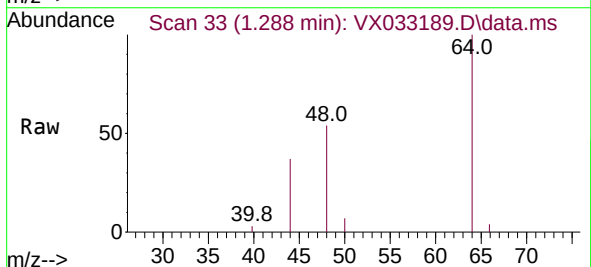
Instrument :
MSVOA_X
ClientSampleId :
COMP-SAMPLE-TANK-26-27-28-30

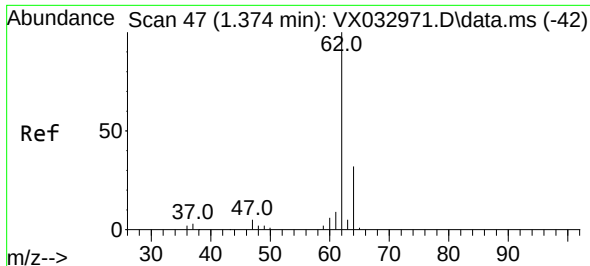
Tgt Ion:168 Resp: 114956
Ion Ratio Lower Upper
168 100
99 59.9 46.1 69.1



#3
Chloromethane
Concen: 0.247 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX033189.D
Acq: 02 Dec 2022 16:34

Tgt Ion: 50 Resp: 234
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

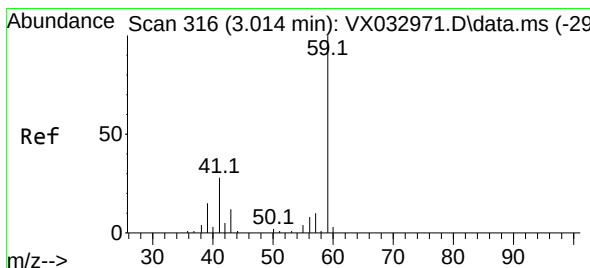
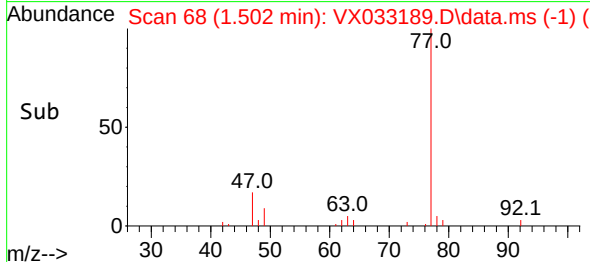
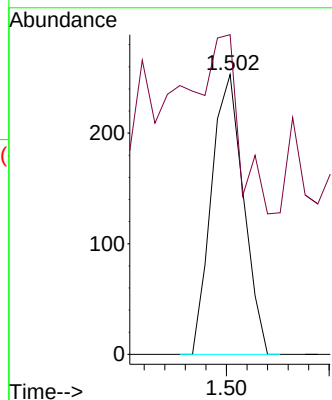
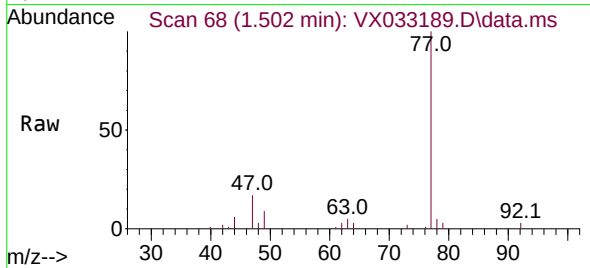




#4
 Vinyl Chloride
 Concen: 0.260 ug/l
 RT: 1.502 min Scan# 61
 Delta R.T. 0.128 min
 Lab File: VX033189.D
 Acq: 02 Dec 2022 16:34

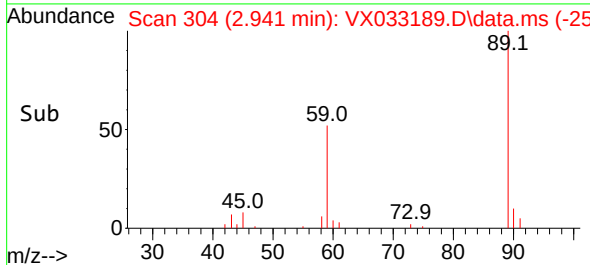
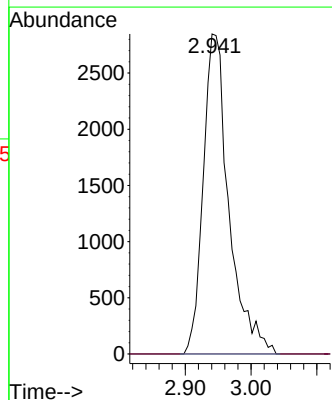
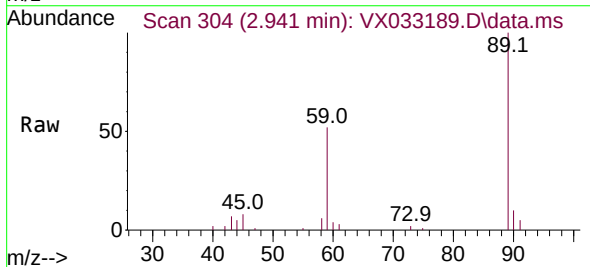
Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-SAMPLE-TANK-26-27-28-30

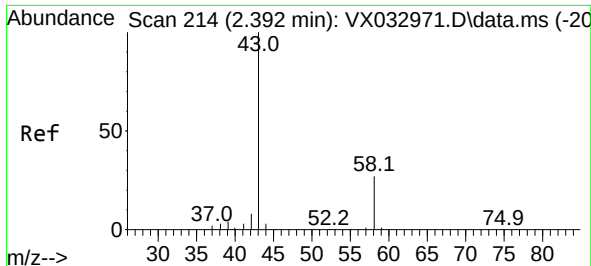
Tgt Ion: 62 Resp: 274
 Ion Ratio Lower Upper
 62 100
 64 63.6 25.8 38.6#



#11
 Tert butyl alcohol
 Concen: 43.530 ug/l
 RT: 2.941 min Scan# 304
 Delta R.T. -0.024 min
 Lab File: VX033189.D
 Acq: 02 Dec 2022 16:34

Tgt Ion: 59 Resp: 7725
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

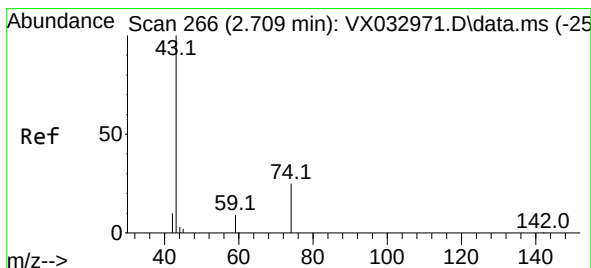
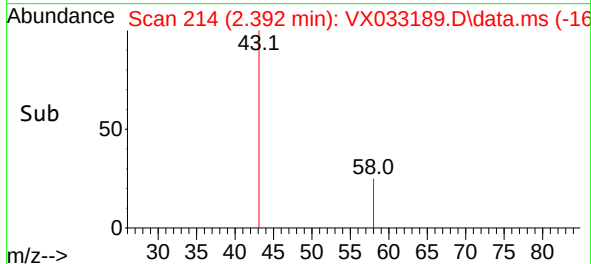
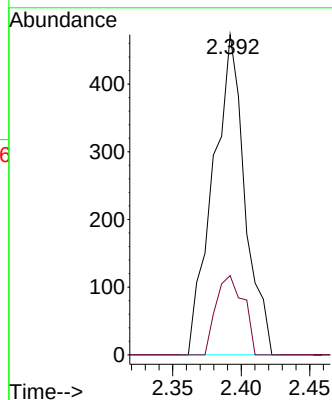
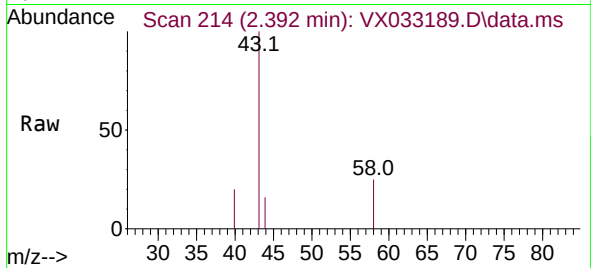




#16
Acetone
Concen: 1.467 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.012 min
Lab File: VX033189.D
Acq: 02 Dec 2022 16:34

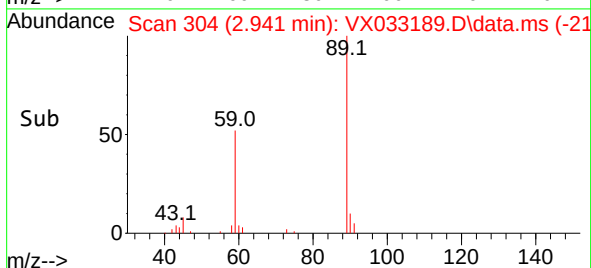
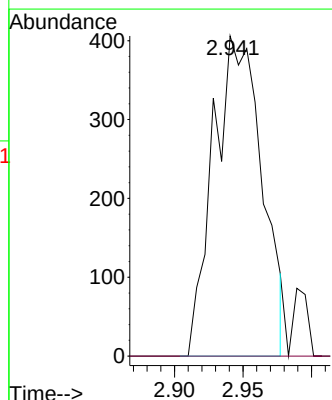
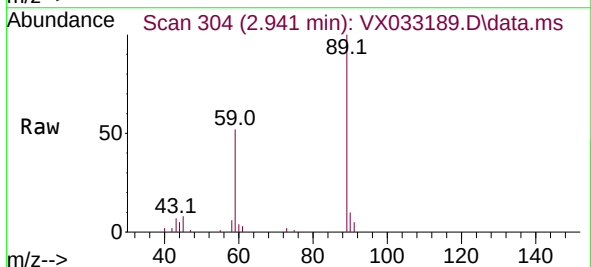
Instrument : MSVOA_X
ClientSampleId : COMP-SAMPLE-TANK-26-27-28-30

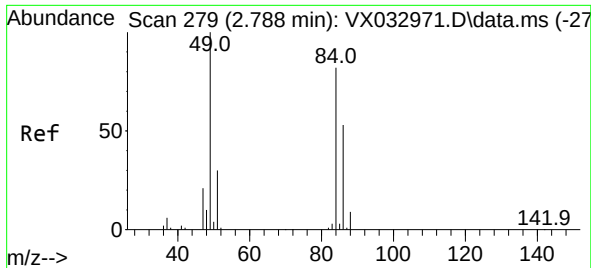
Tgt Ion: 43 Resp: 767
Ion Ratio Lower Upper
43 100
58 24.7 23.8 35.8



#18
Methyl Acetate
Concen: 0.693 ug/l
RT: 2.941 min Scan# 304
Delta R.T. 0.238 min
Lab File: VX033189.D
Acq: 02 Dec 2022 16:34

Tgt Ion: 43 Resp: 1003
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#

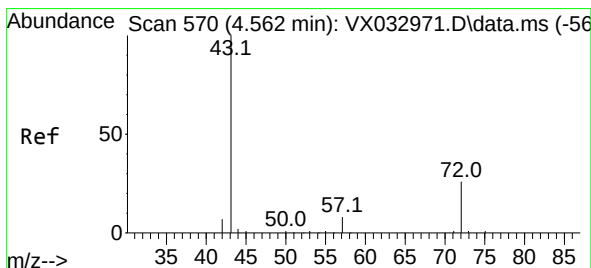
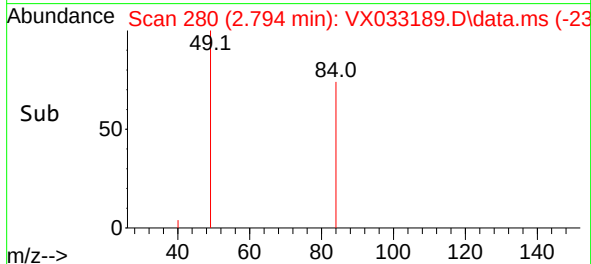
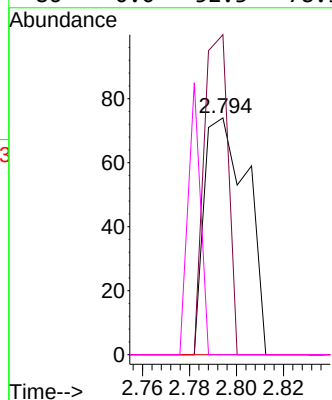
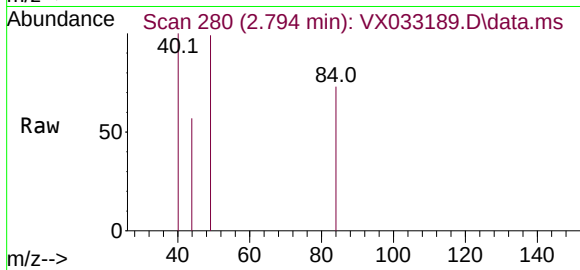




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033189.D
Acq: 02 Dec 2022 16:34

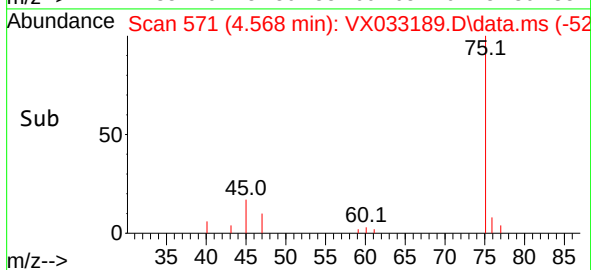
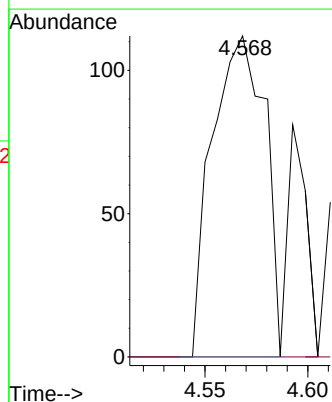
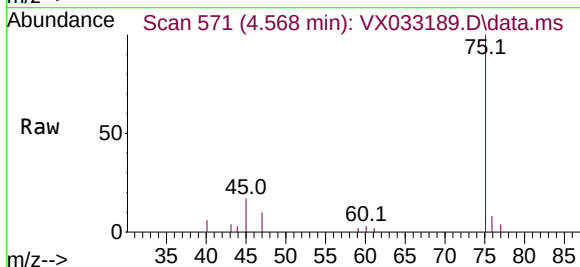
Instrument :
MSVOA_X
ClientSampleId :
COMP-SAMPLE-TANK-26-27-28-30

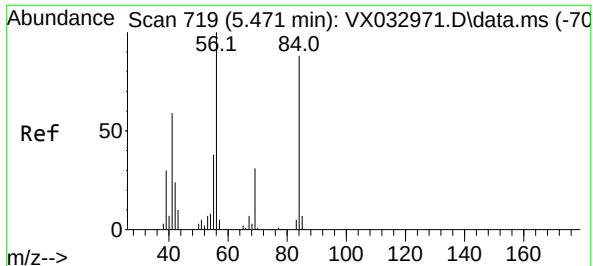
Tgt Ion: 84 Resp: 94
Ion Ratio Lower Upper
84 100
49 135.1 101.0 151.6
51 0.0 31.1 46.7#
86 0.0 52.3 78.5#



#25
2-Butanone
Concen: 0.277 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.012 min
Lab File: VX033189.D
Acq: 02 Dec 2022 16:34

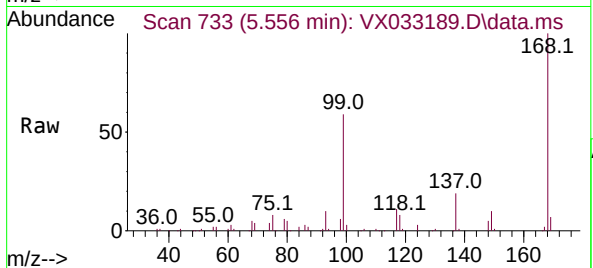
Tgt Ion: 43 Resp: 200
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.2#



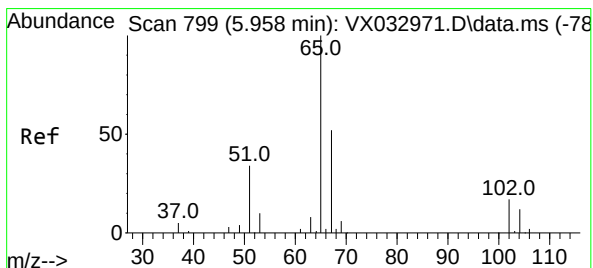
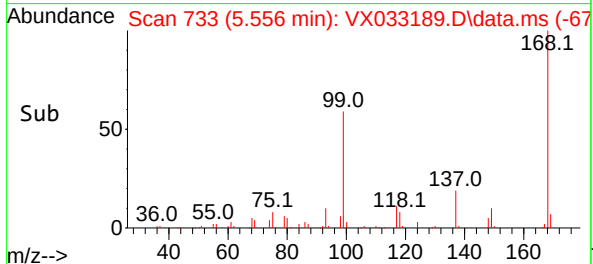
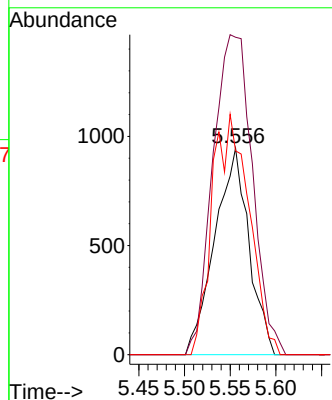


#31
Cyclohexane
Concen: 1.355 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX033189.D
Acq: 02 Dec 2022 16:34

Instrument : MSVOA_X
ClientSampleId : COMP-SAMPLE-TANK-26-27-28-30

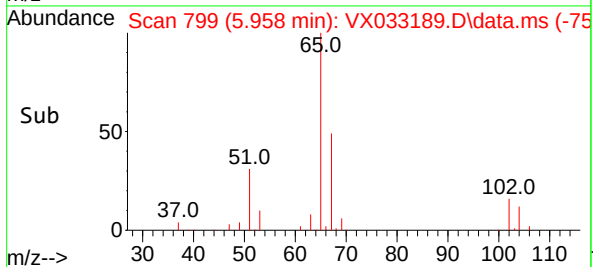
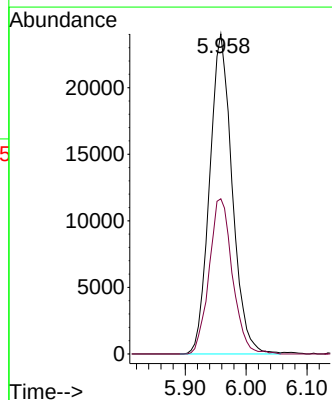
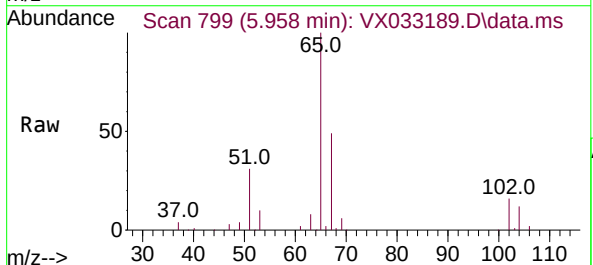


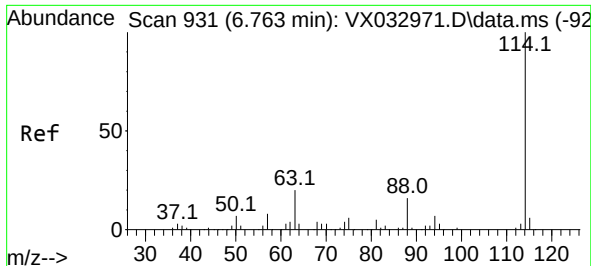
Tgt Ion: 56 Resp: 2457
Ion Ratio Lower Upper
56 100
69 153.7 24.1 36.1#
84 98.7 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 55.308 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033189.D
Acq: 02 Dec 2022 16:34

Tgt Ion: 65 Resp: 61754
Ion Ratio Lower Upper
65 100
67 50.0 0.0 101.8

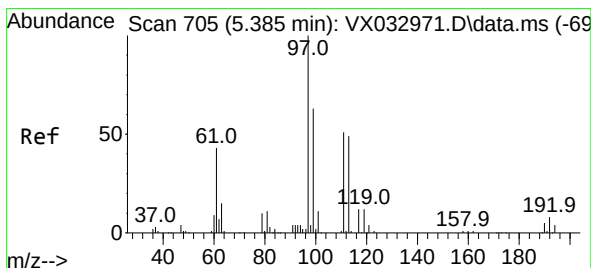
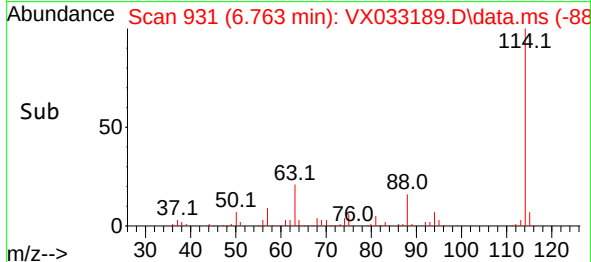
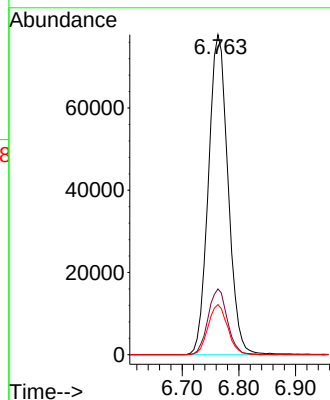
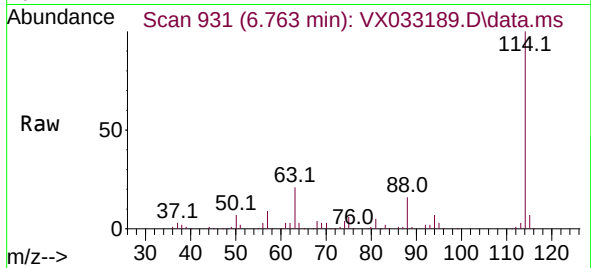




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX033189.D
Acq: 02 Dec 2022 16:34

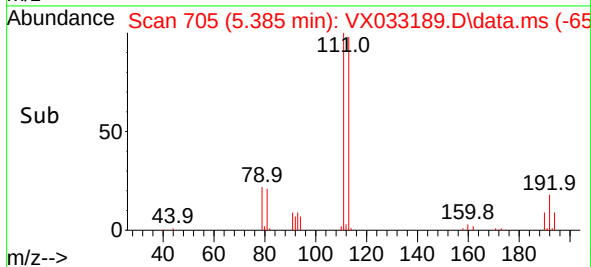
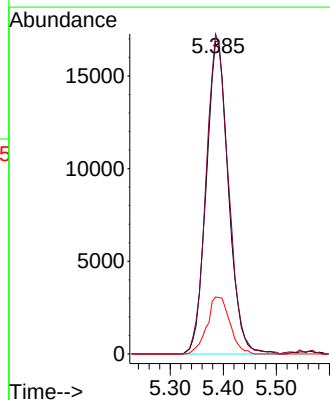
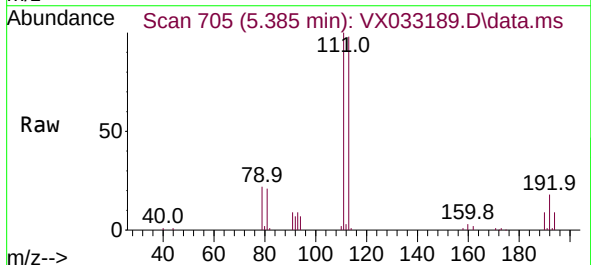
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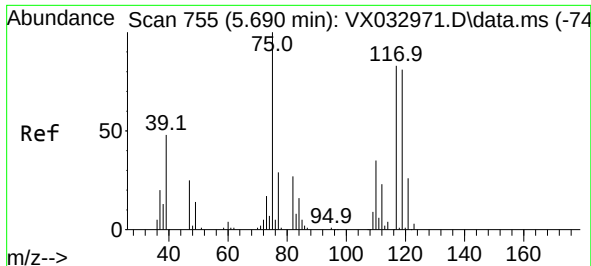
Tgt Ion:114 Resp: 187063
Ion Ratio Lower Upper
114 100
63 20.6 0.0 41.6
88 15.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.672 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033189.D
Acq: 02 Dec 2022 16:34

Tgt Ion:113 Resp: 49220
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 18.6 15.4 23.2





#36

1,1-Dichloropropene

Concen: 5.461 ug/l

RT: 5.550 min Scan# 712

Delta R.T. -0.146 min

Lab File: VX033189.D

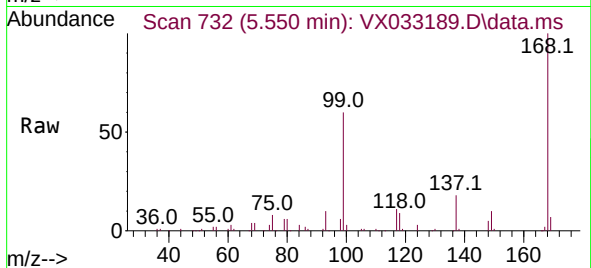
Acq: 02 Dec 2022 16:34

Instrument :

MSVOA_X

ClientSampleId :

COMP-SAMPLE-TANK-26-27-28-30



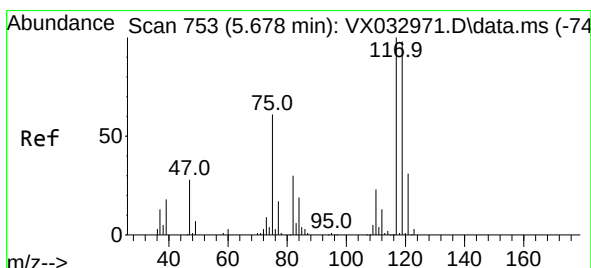
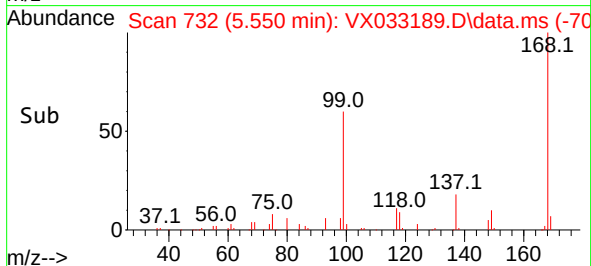
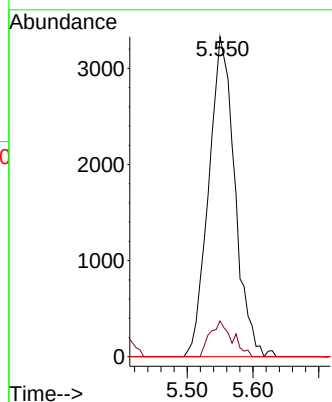
Tgt Ion: 75 Resp: 9209

Ion Ratio Lower Upper

75 100

110 9.5 18.4 55.2#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.613 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX033189.D

Acq: 02 Dec 2022 16:34

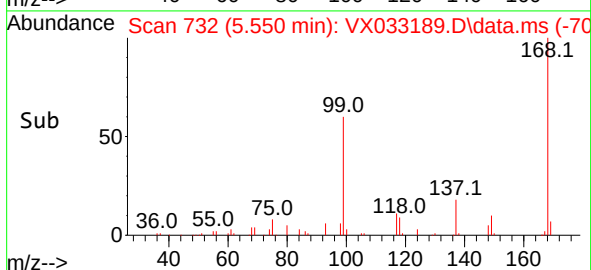
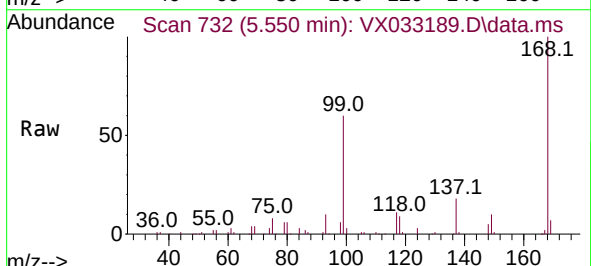
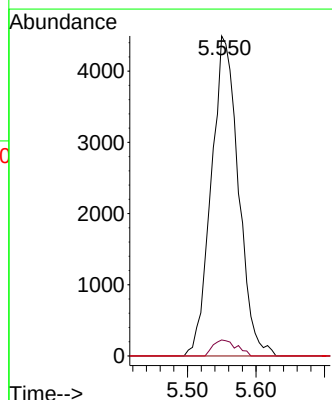
Tgt Ion: 117 Resp: 12370

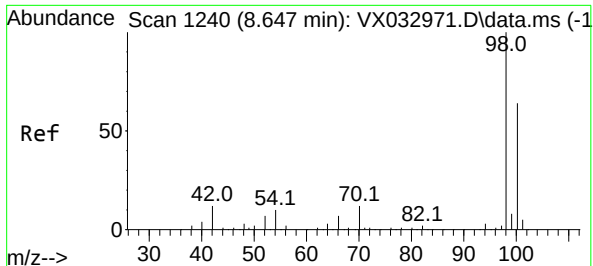
Ion Ratio Lower Upper

117 100

119 5.0 77.2 115.8#

121 0.0 25.8 38.6#

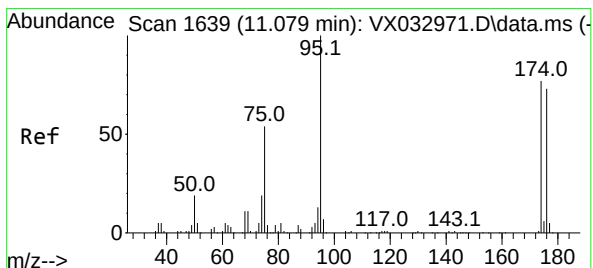
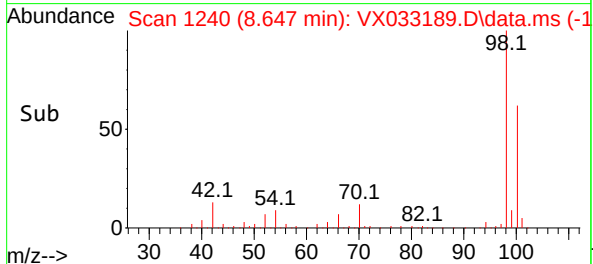
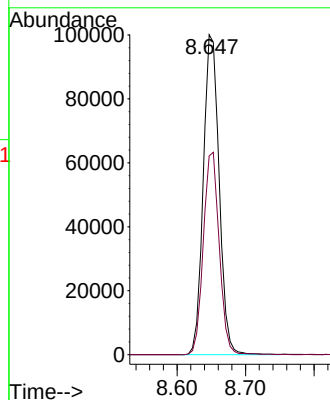
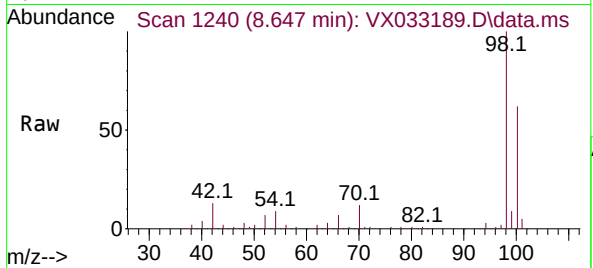




#50
Toluene-d8
Concen: 50.868 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033189.D
Acq: 02 Dec 2022 16:34

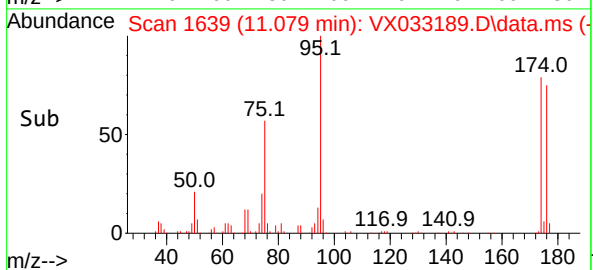
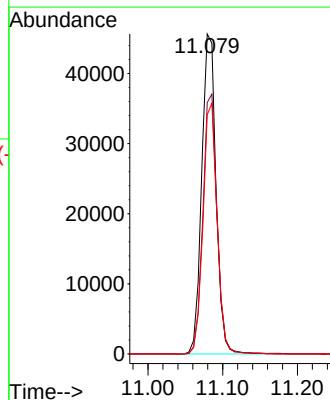
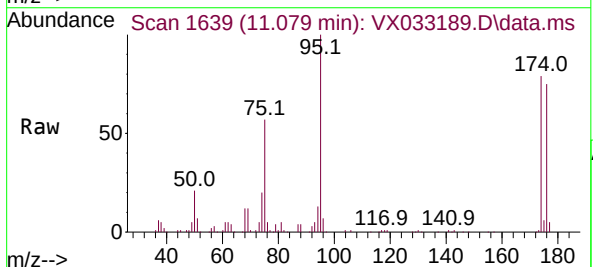
Instrument :
MSVOA_X
ClientSampleId :
COMP-SAMPLE-TANK-26-27-28-30

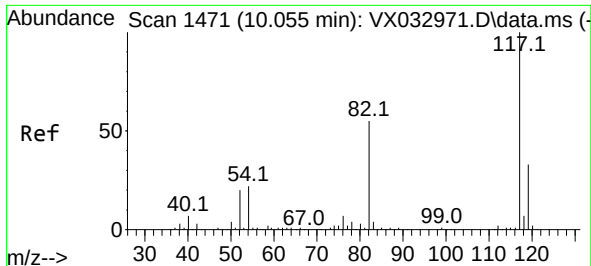
Tgt Ion: 98 Resp: 161290
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.736 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033189.D
Acq: 02 Dec 2022 16:34

Tgt Ion: 95 Resp: 60588
Ion Ratio Lower Upper
95 100
174 80.5 0.0 164.0
176 77.2 0.0 154.4

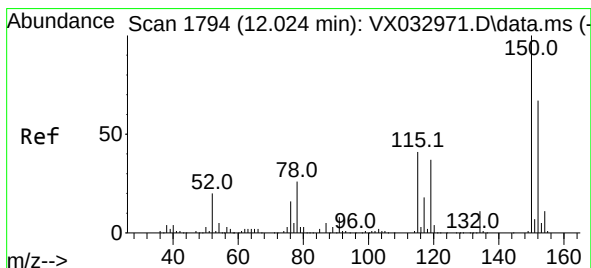
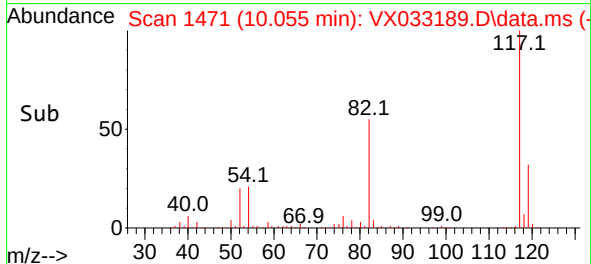
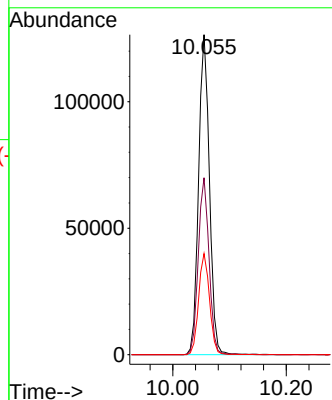
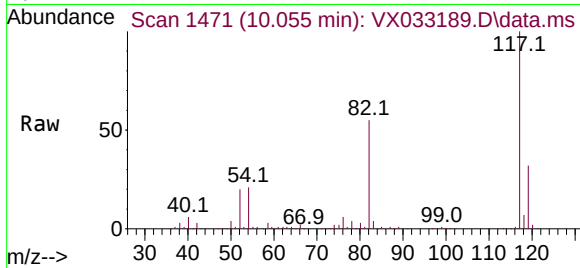




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033189.D
Acq: 02 Dec 2022 16:34

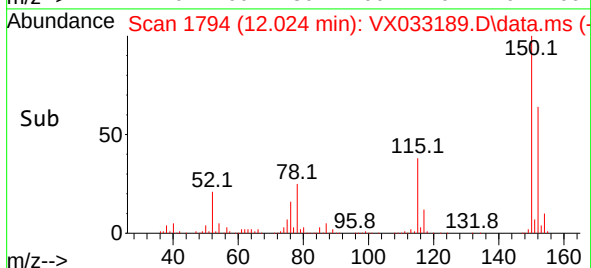
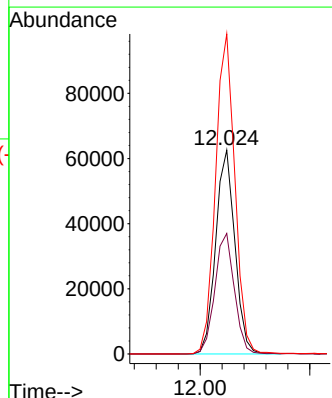
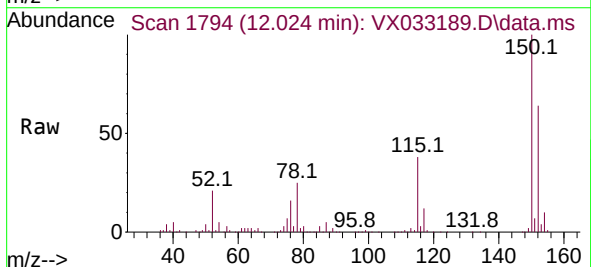
Instrument :
MSVOA_X
ClientSampleId :
COMP-SAMPLE-TANK-26-27-28-30

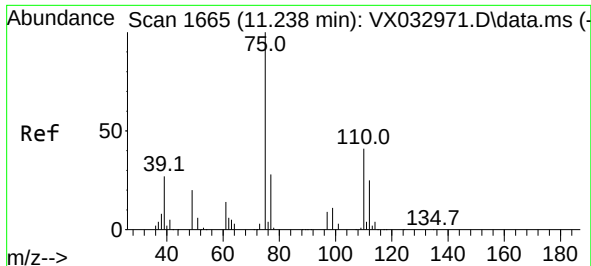
Tgt Ion:117 Resp: 167291
Ion Ratio Lower Upper
117 100
82 55.3 44.3 66.5
119 31.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033189.D
Acq: 02 Dec 2022 16:34

Tgt Ion:152 Resp: 76225
Ion Ratio Lower Upper
152 100
115 60.2 44.0 132.0
150 158.2 0.0 351.8

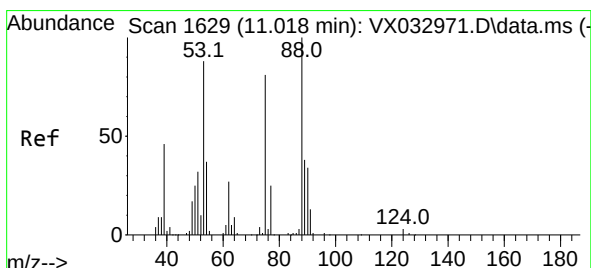
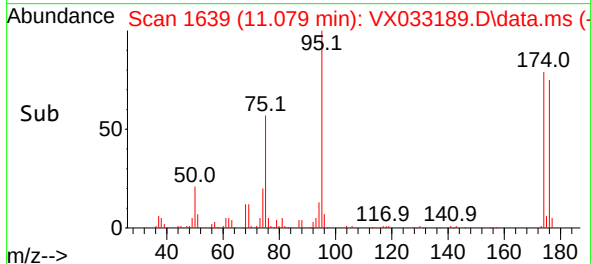
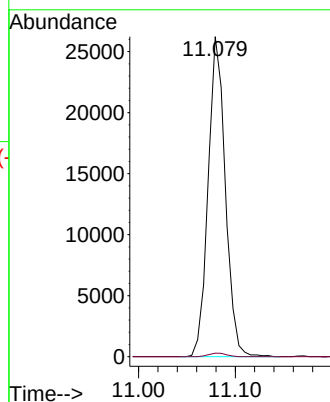
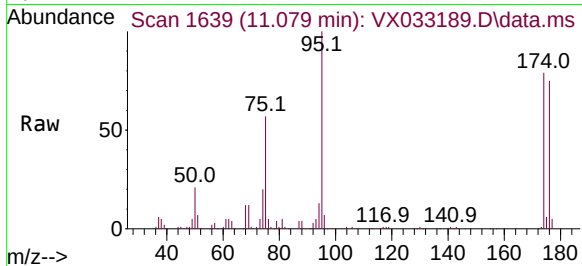




#76
1,2,3-Trichloropropane
Concen: 22.522 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033189.D
Acq: 02 Dec 2022 16:34

Instrument : MSVOA_X
ClientSampleId : COMP-SAMPLE-TANK-26-27-28-30

Tgt Ion: 75 Resp: 32512
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.206 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033189.D
Acq: 02 Dec 2022 16:34

Tgt Ion: 75 Resp: 32512
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

