

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
 Data File : VX033405.D
 Acq On : 13 Dec 2022 20:07
 Operator : JC/MD
 Sample : N6001-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9

Quant Time: Dec 14 05:42:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

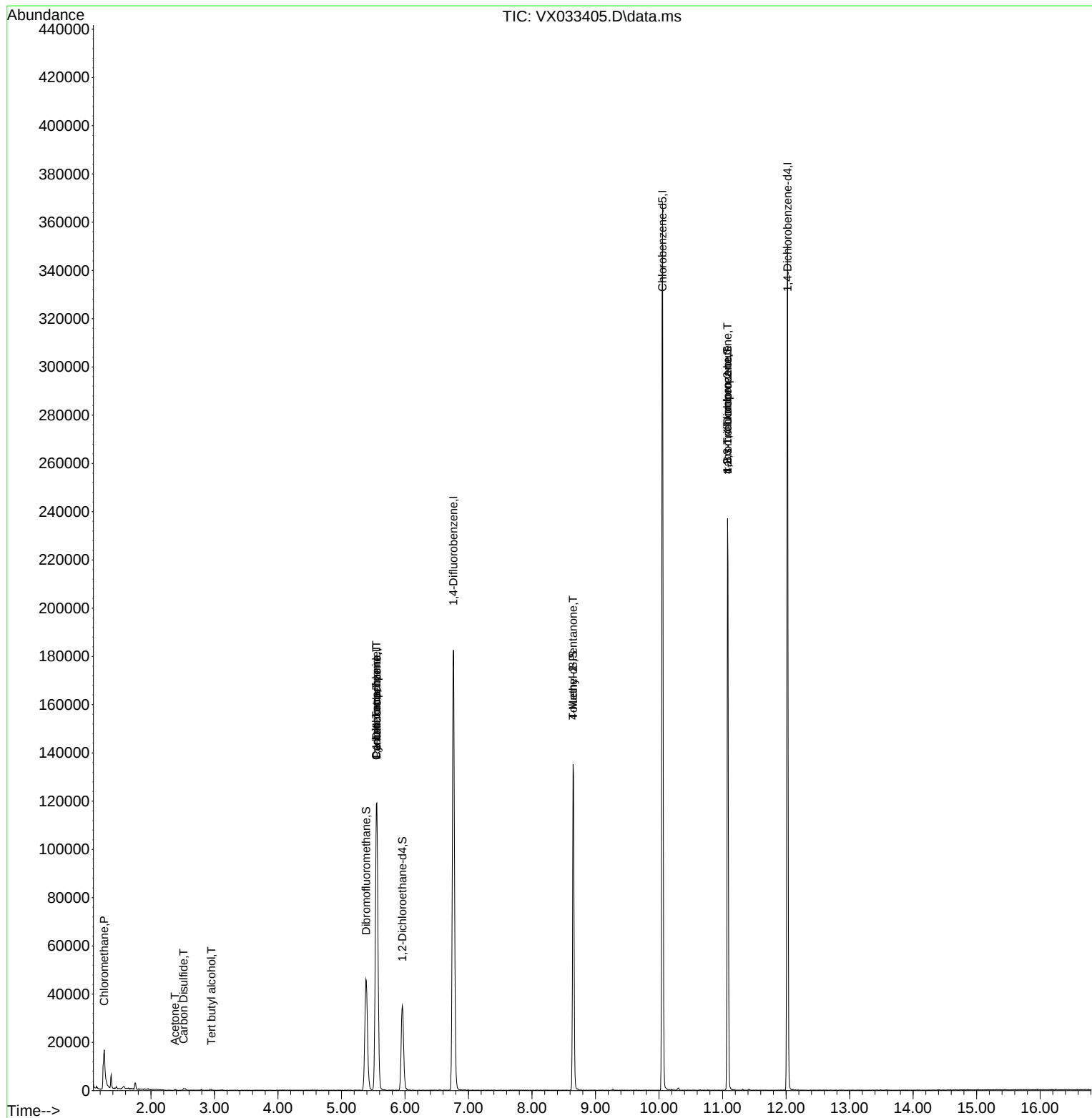
Internal Standards						
1) Pentafluorobenzene	5.556	168	117134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	189792	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	36464	48.524	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.040%
35) Dibromofluoromethane	5.385	113	40741	47.726	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.460%
50) Toluene-d8	8.647	98	83162	46.569	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.140%
62) 4-Bromofluorobenzene	11.079	95	61359	44.937	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.880%
Target Compounds						
					Qvalue	
3) Chloromethane	1.264	50	501	0.530	ug/l #	43
11) Tert butyl alcohol	2.953	59	262	1.140	ug/l #	72
16) Acetone	2.380	43	451	0.811	ug/l #	88
17) Carbon Disulfide	2.514	76	790	0.290	ug/l #	74
31) Cyclohexane	5.550	56	2354	1.318	ug/l #	18
36) 1,1-Dichloropropene	5.550	75	8862	5.325	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11982	6.426	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	325	0.203	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32811	21.625	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	32811	67.268	ug/l #	6

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

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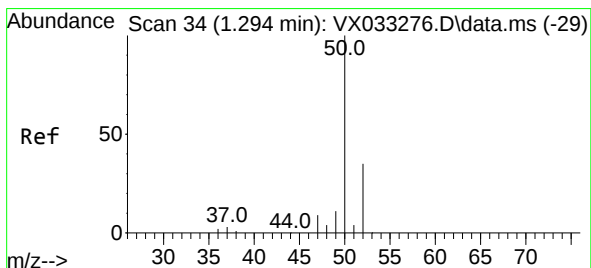
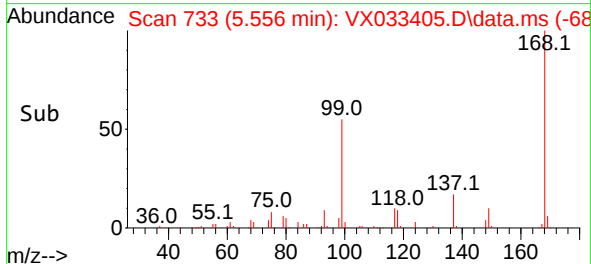
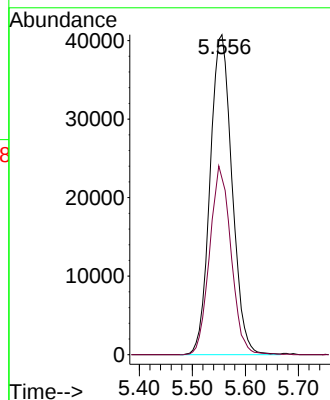
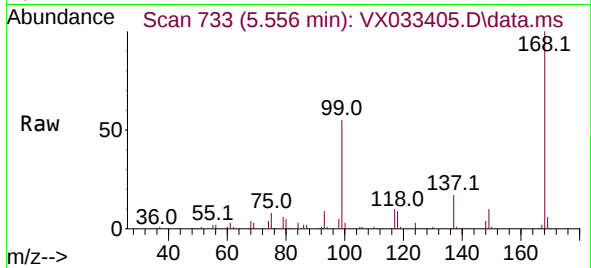




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033405.D
Acq: 13 Dec 2022 20:07

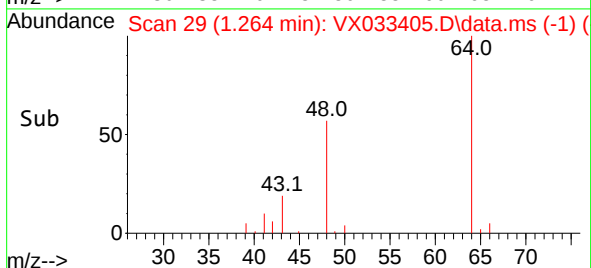
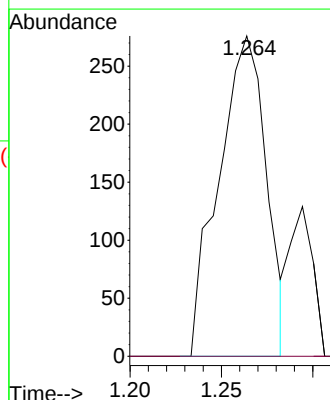
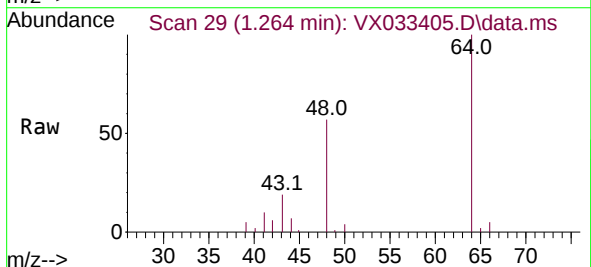
Instrument :
MSVOA_X
ClientSampleId :
MW-9

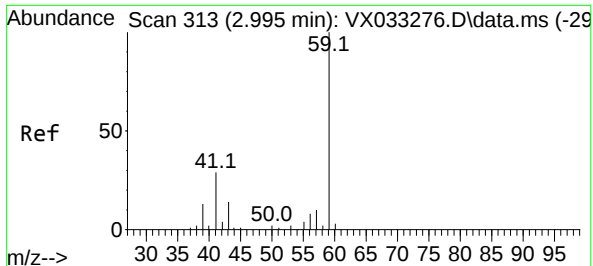
Tgt Ion:168 Resp: 117134
Ion Ratio Lower Upper
168 100
99 55.2 46.1 69.1



#3
Chloromethane
Concen: 0.530 ug/l
RT: 1.264 min Scan# 29
Delta R.T. -0.030 min
Lab File: VX033405.D
Acq: 13 Dec 2022 20:07

Tgt Ion: 50 Resp: 501
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 1.140 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.042 min

Lab File: VX033405.D

Acq: 13 Dec 2022 20:07

Instrument :

MSVOA_X

ClientSampleId :

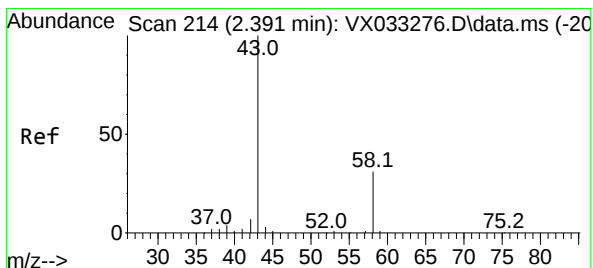
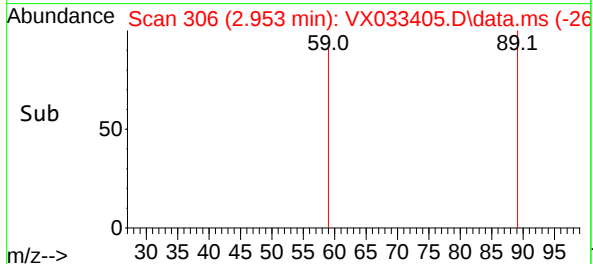
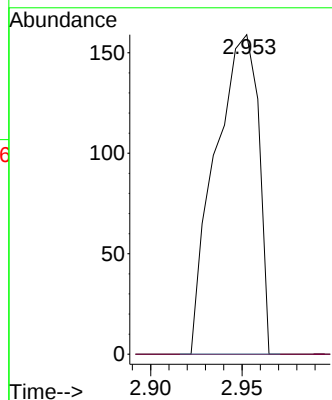
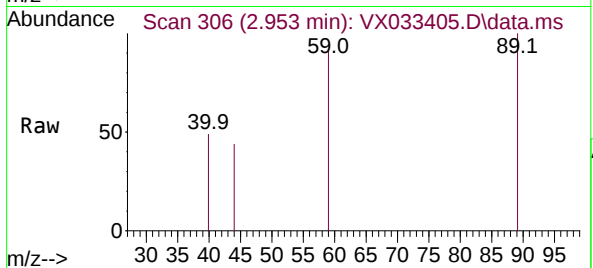
MW-9

Tgt Ion: 59 Resp: 262

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 0.811 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.012 min

Lab File: VX033405.D

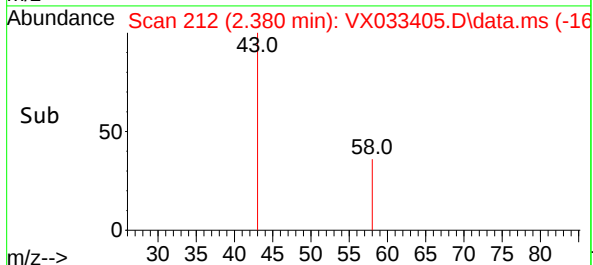
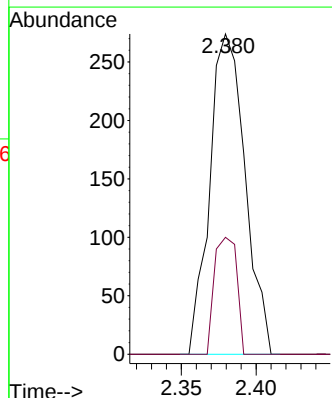
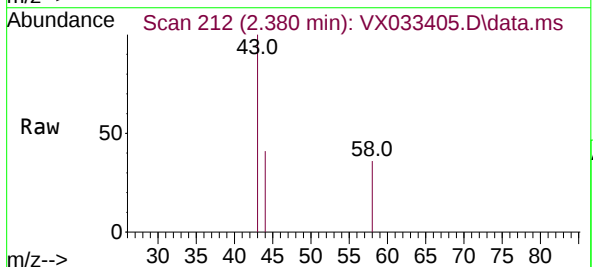
Acq: 13 Dec 2022 20:07

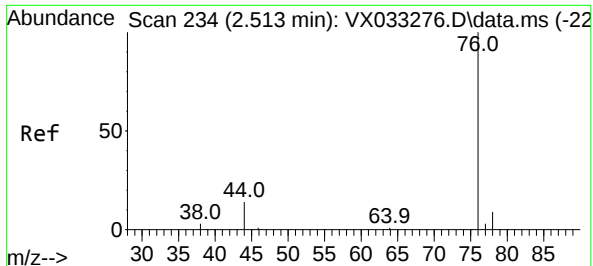
Tgt Ion: 43 Resp: 451

Ion Ratio Lower Upper

43 100

58 36.5 23.8 35.8#

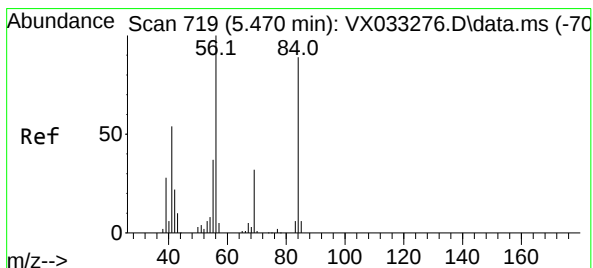
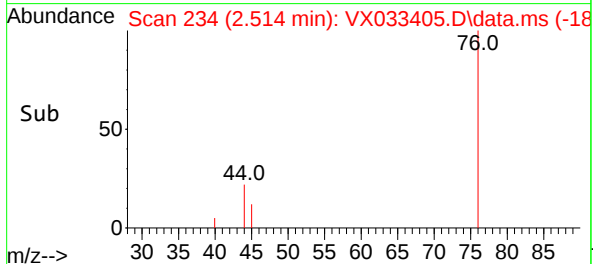
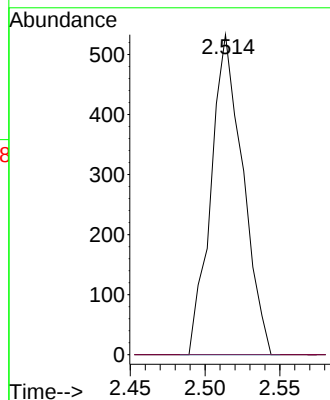
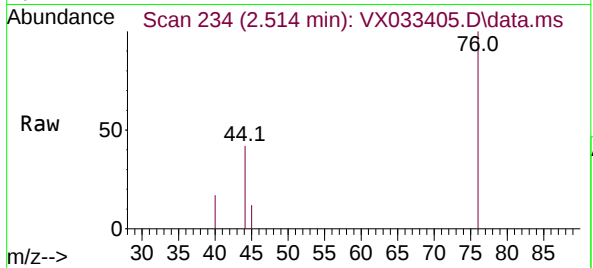




#17
Carbon Disulfide
Concen: 0.290 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033405.D
Acq: 13 Dec 2022 20:07

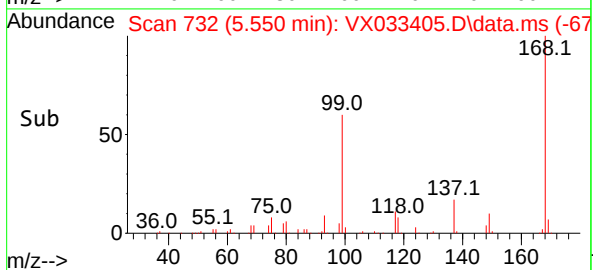
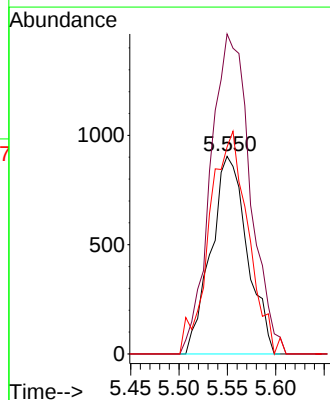
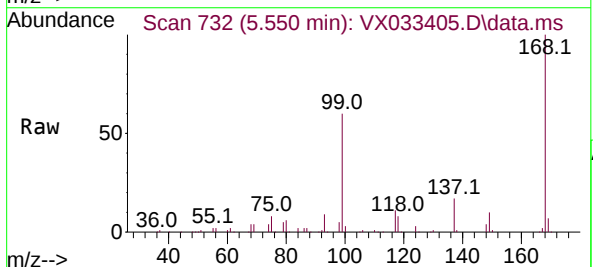
Instrument :
MSVOA_X
ClientSampleId :
MW-9

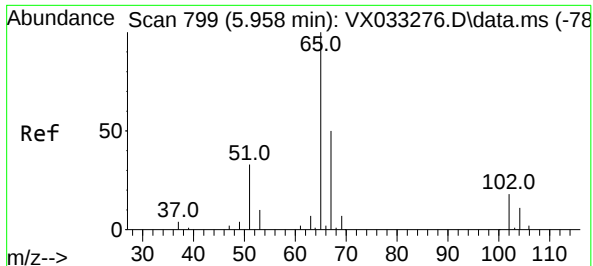
Tgt Ion: 76 Resp: 790
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#31
Cyclohexane
Concen: 1.318 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX033405.D
Acq: 13 Dec 2022 20:07

Tgt Ion: 56 Resp: 2354
Ion Ratio Lower Upper
56 100
69 161.9 24.1 36.1#
84 104.8 66.9 100.3#

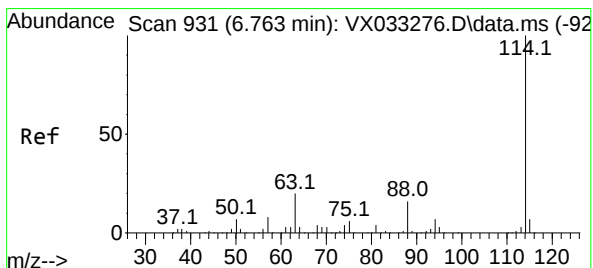
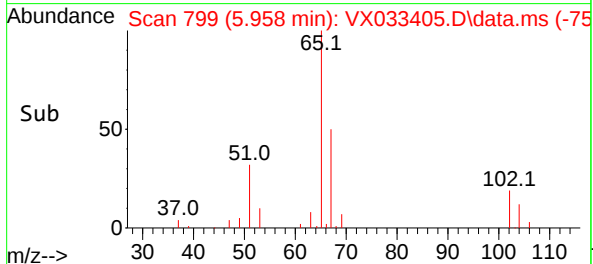
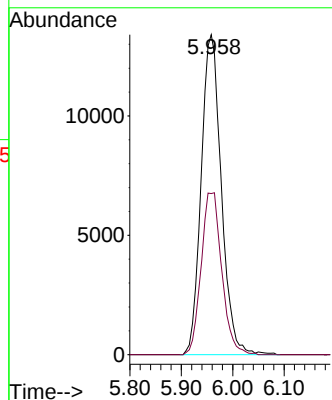
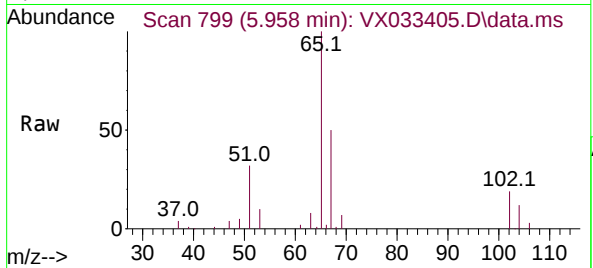




#33
1,2-Dichloroethane-d4
Concen: 48.524 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033405.D
Acq: 13 Dec 2022 20:07

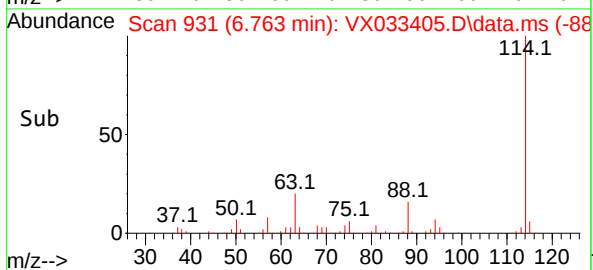
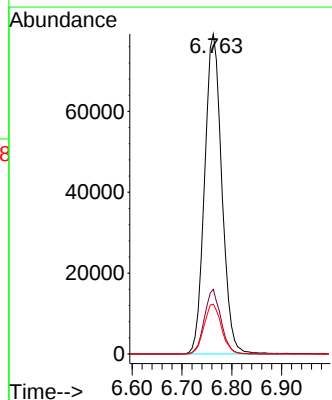
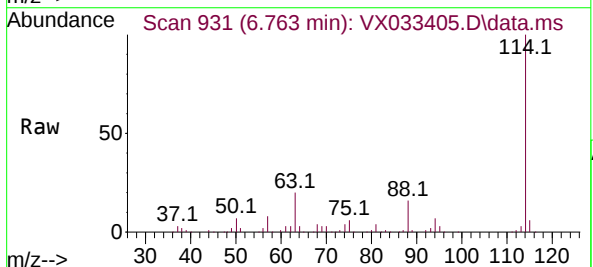
Instrument :
MSVOA_X
ClientSampleId :
MW-9

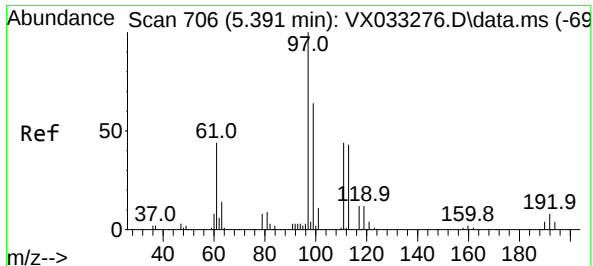
Tgt Ion: 65 Resp: 36464
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033405.D
Acq: 13 Dec 2022 20:07

Tgt Ion: 114 Resp: 189792
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.6
88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.726 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX033405.D

Acq: 13 Dec 2022 20:07

Instrument :

MSVOA_X

ClientSampleId :

MW-9

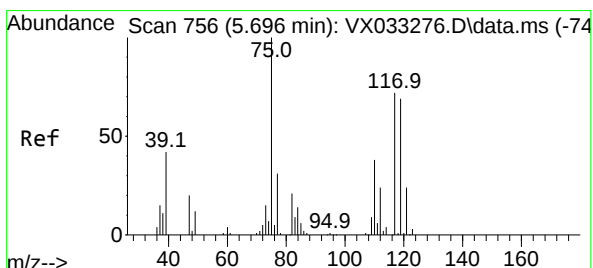
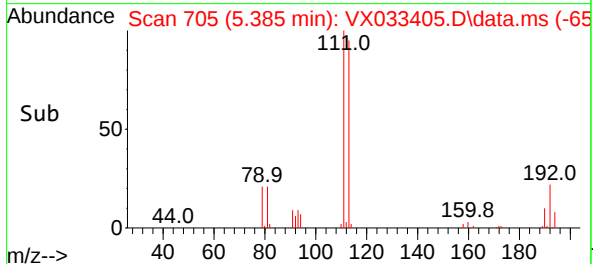
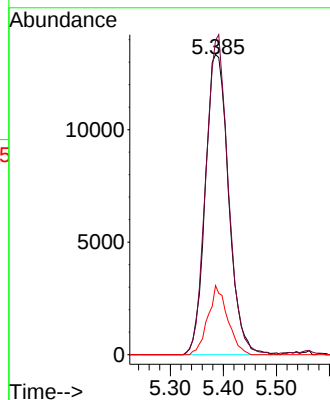
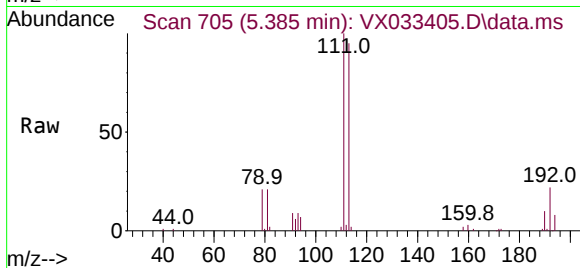
Tgt Ion:113 Resp: 40741

Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

192 19.4 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.325 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX033405.D

Acq: 13 Dec 2022 20:07

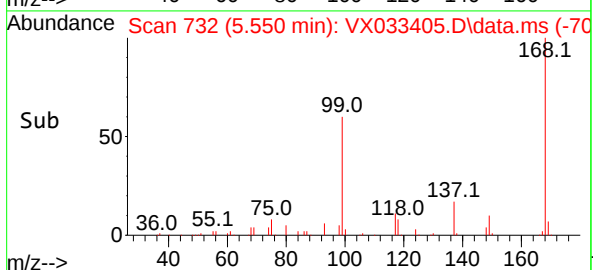
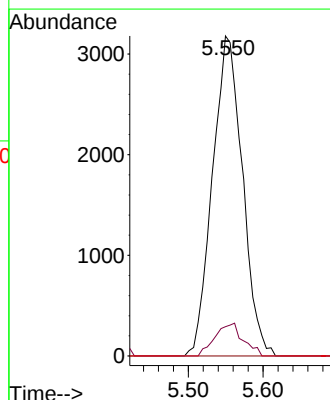
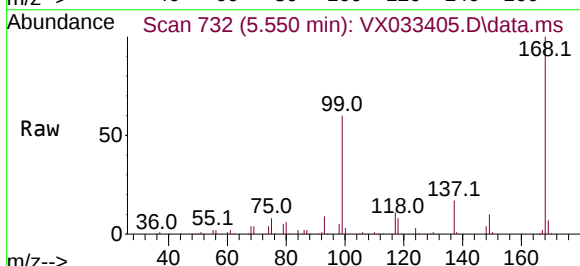
Tgt Ion: 75 Resp: 8862

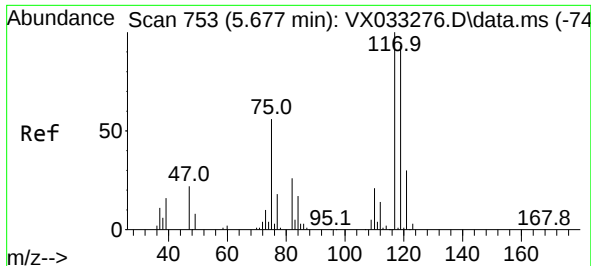
Ion Ratio Lower Upper

75 100

110 9.6 18.4 55.2#

77 0.0 24.5 36.7#

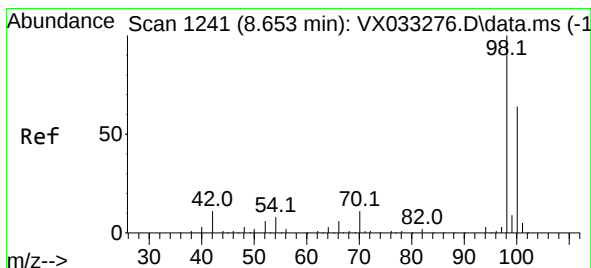
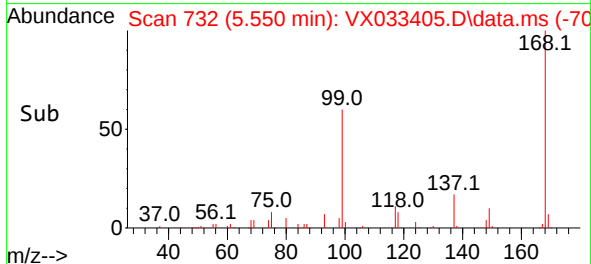
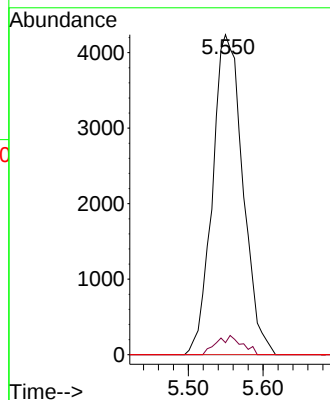
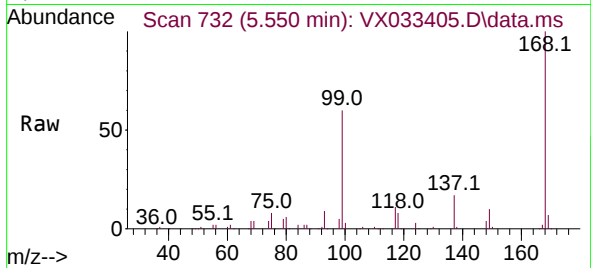




#38
Carbon Tetrachloride
Concen: 6.426 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033405.D
Acq: 13 Dec 2022 20:07

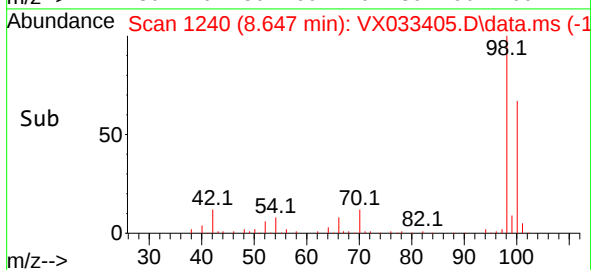
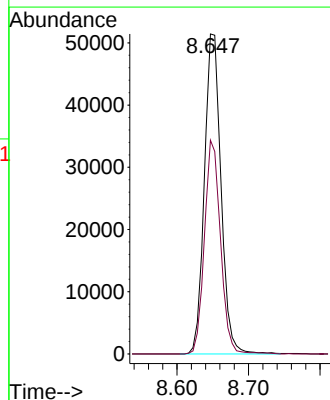
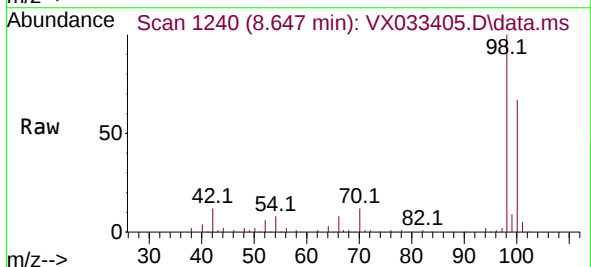
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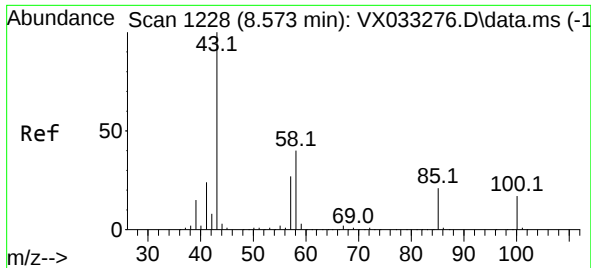
Tgt Ion:117 Resp: 11982
Ion Ratio Lower Upper
117 100
119 3.8 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 46.569 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033405.D
Acq: 13 Dec 2022 20:07

Tgt Ion: 98 Resp: 83162
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3

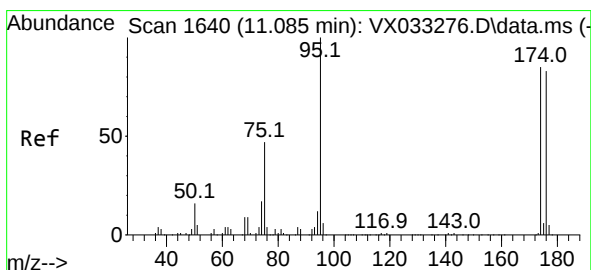
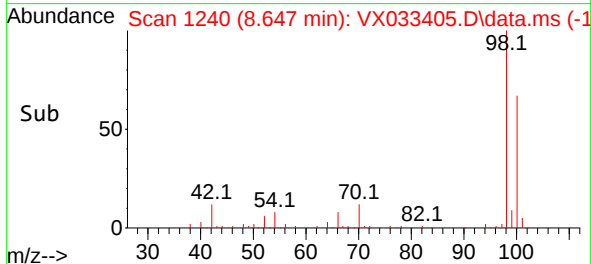
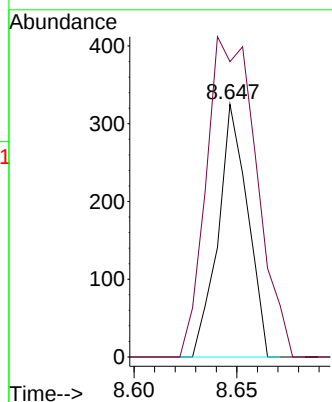
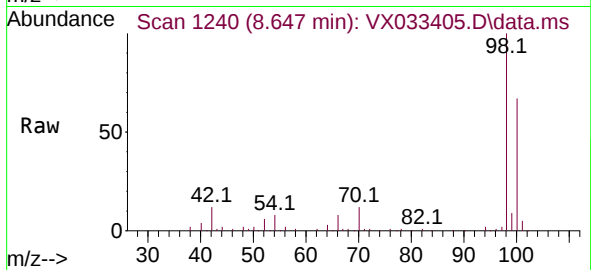




#51
4-Methyl-2-Pentanone
Concen: 0.203 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX033405.D
Acq: 13 Dec 2022 20:07

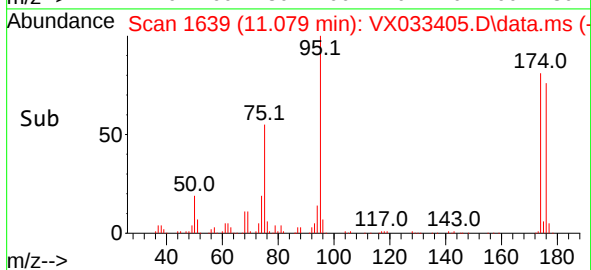
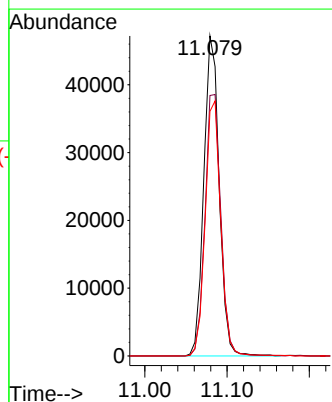
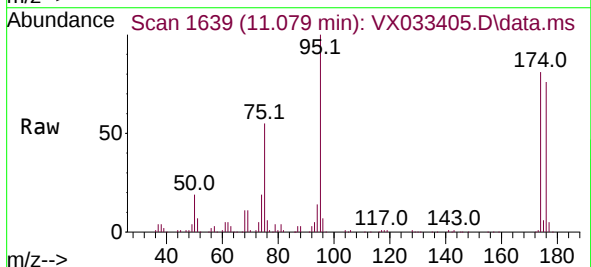
Instrument :
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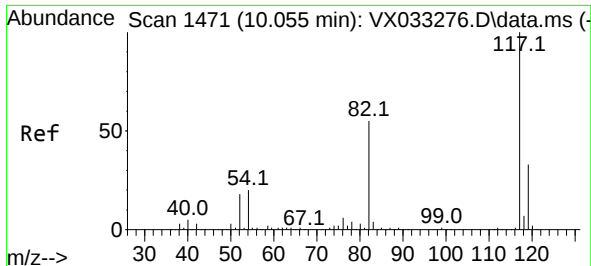
Tgt Ion: 43 Resp: 325
Ion Ratio Lower Upper
43 100
58 214.8 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 44.937 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033405.D
Acq: 13 Dec 2022 20:07

Tgt Ion: 95 Resp: 61359
Ion Ratio Lower Upper
95 100
174 84.1 0.0 164.0
176 80.6 0.0 154.4

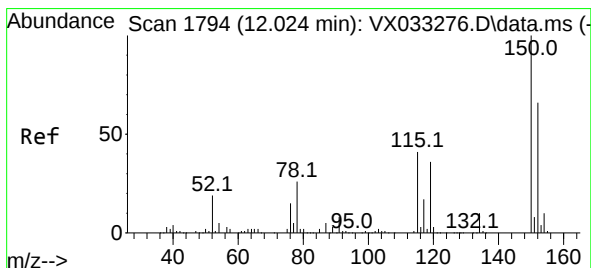
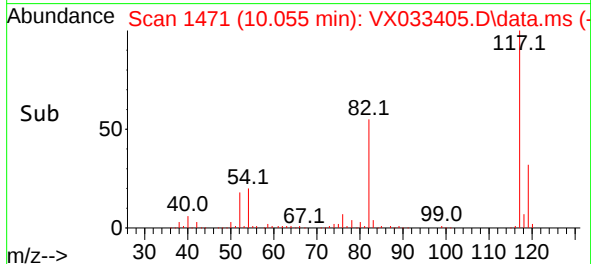
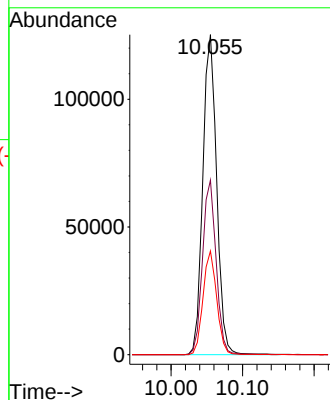
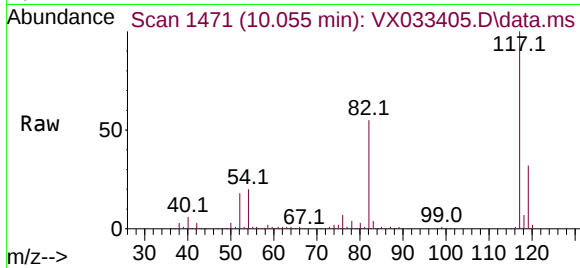




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033405.D
Acq: 13 Dec 2022 20:07

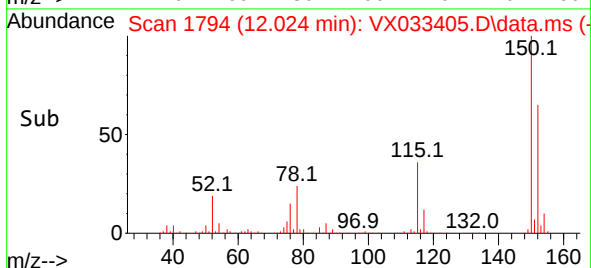
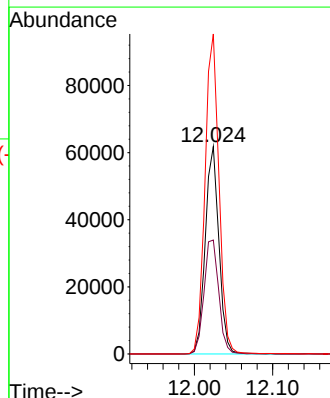
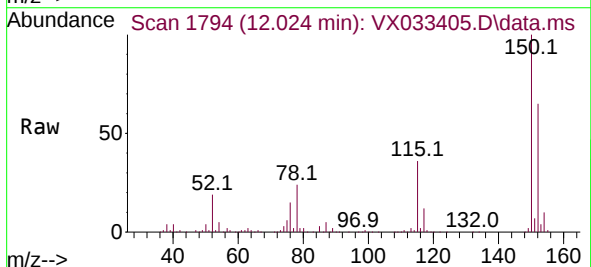
Instrument :
MSVOA_X
ClientSampleId :
MW-9

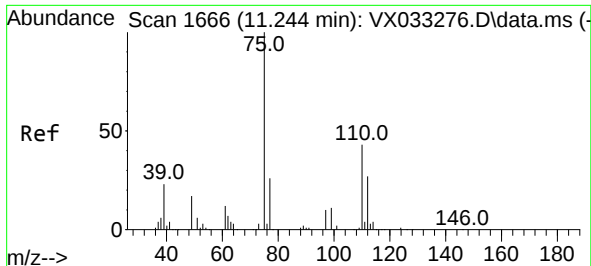
Tgt Ion:117 Resp: 168498
Ion Ratio Lower Upper
117 100
82 54.5 44.3 66.5
119 32.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033405.D
Acq: 13 Dec 2022 20:07

Tgt Ion:152 Resp: 74577
Ion Ratio Lower Upper
152 100
115 59.5 44.0 132.0
150 157.4 0.0 351.8

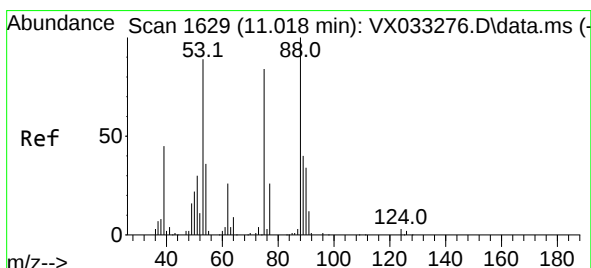
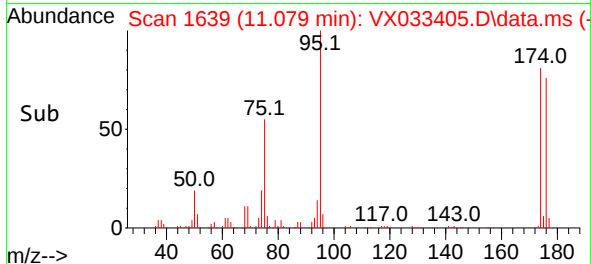
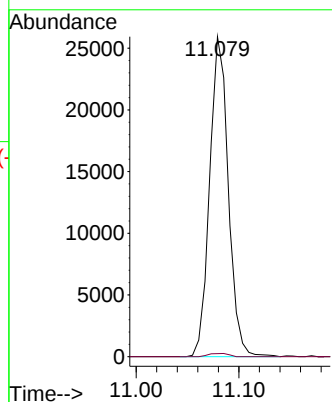
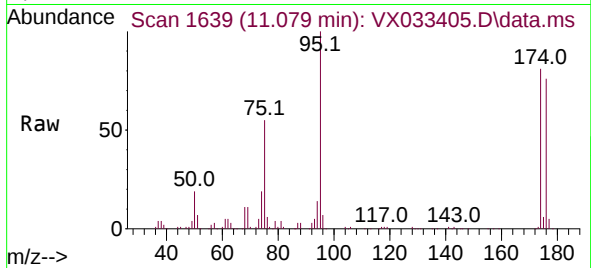




#76
1,2,3-Trichloropropane
Concen: 21.625 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033405.D
Acq: 13 Dec 2022 20:07

Instrument :
MSVOA_X
ClientSampleId :
MW-9

Tgt Ion: 75 Resp: 32811
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.268 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033405.D
Acq: 13 Dec 2022 20:07

Tgt Ion: 75 Resp: 32811
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.1 38.3 57.5#

