

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
 Data File : VX033284.D
 Acq On : 07 Dec 2022 16:17
 Operator : JC/MD
 Sample : VX1207WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1207WBL01

Quant Time: Dec 08 01:42:36 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	151509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241490	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	213185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93680	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	45462	46.772	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.540%
35) Dibromofluoromethane	5.385	113	48867	44.990	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.980%
50) Toluene-d8	8.653	98	102447	45.087	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	90.180%#
62) 4-Bromofluorobenzene	11.079	95	75665	43.551	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.100%

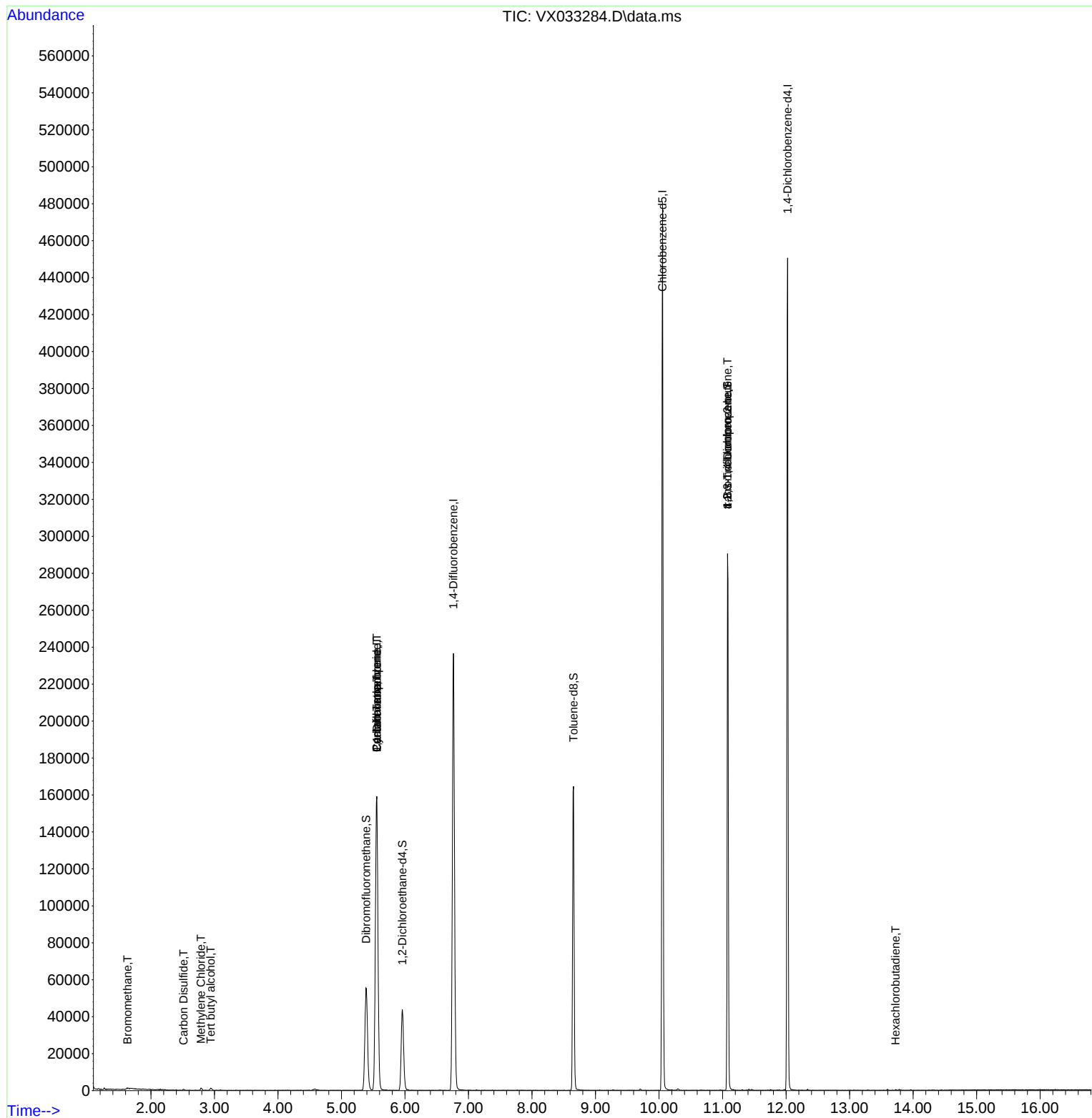
Target Compounds					Qvalue	
5) Bromomethane	1.629	94	288	0.281	ug/l #	51
11) Tert butyl alcohol	2.940	59	682	2.295	ug/l #	72
17) Carbon Disulfide	2.513	76	714	0.203	ug/l #	74
20) Methylene Chloride	2.788	84	611	0.381	ug/l	91
31) Cyclohexane	5.556	56	3109	1.346	ug/l #	18
36) 1,1-Dichloropropene	5.556	75	11628	5.491	ug/l #	50
38) Carbon Tetrachloride	5.556	117	15160	6.389	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	39994	20.984	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	39994	65.274	ug/l #	6
94) Hexachlorobutadiene	13.725	225	156	0.208	ug/l #	71

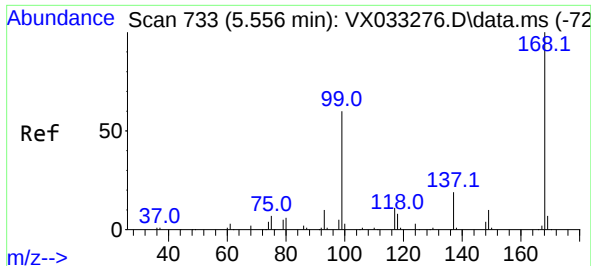
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
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Quant Title : SW846 8260
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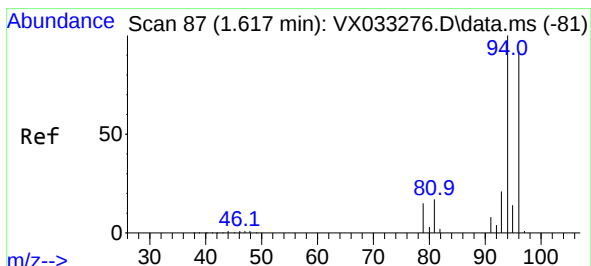
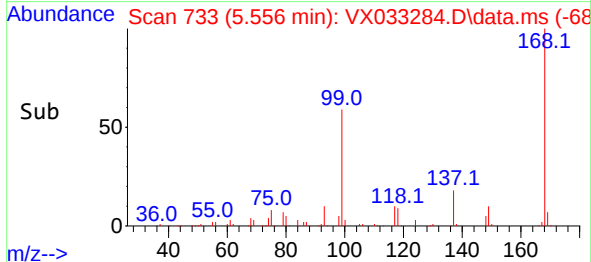
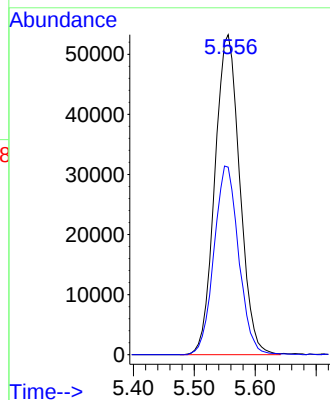
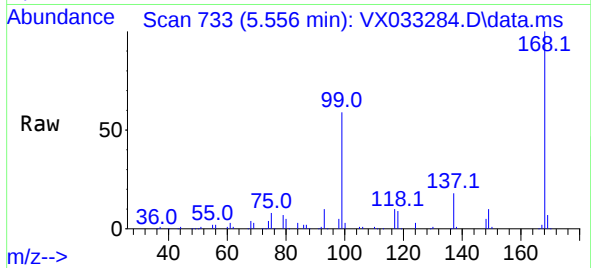




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033284.D
Acq: 07 Dec 2022 16:17

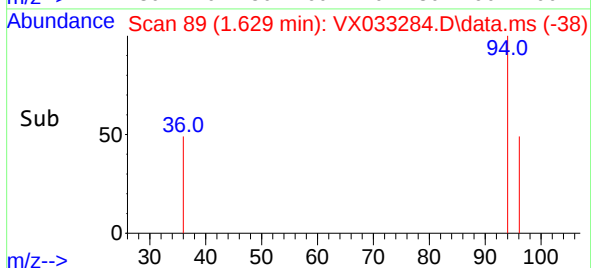
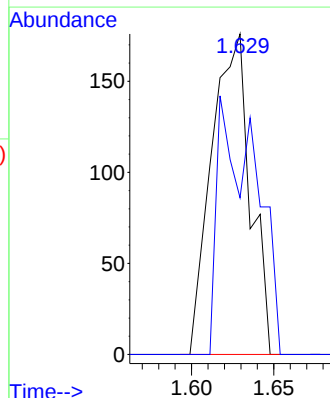
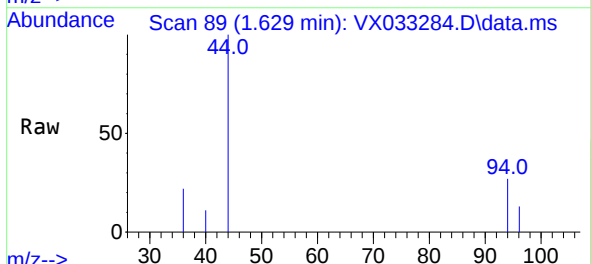
Instrument :
MSVOA_X
ClientSampleId :
VX1207WBL01

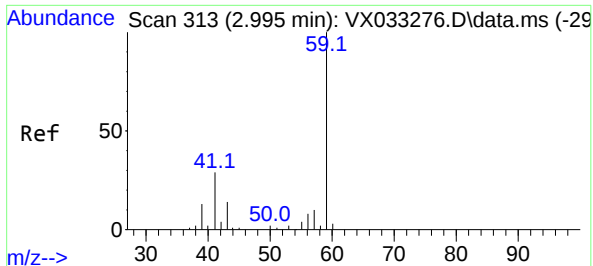
Tgt Ion:168 Resp: 151509
Ion Ratio Lower Upper
168 100
99 58.6 46.1 69.1



#5
Bromomethane
Concen: 0.281 ug/l
RT: 1.629 min Scan# 89
Delta R.T. 0.012 min
Lab File: VX033284.D
Acq: 07 Dec 2022 16:17

Tgt Ion: 94 Resp: 288
Ion Ratio Lower Upper
94 100
96 48.9 77.6 116.4#





#11

Tert butyl alcohol

Concen: 2.295 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.055 min

Lab File: VX033284.D

Acq: 07 Dec 2022 16:17

Instrument :

MSVOA_X

ClientSampleId :

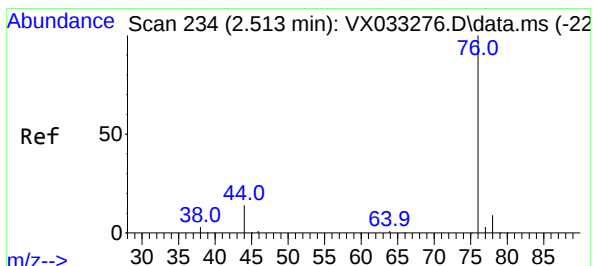
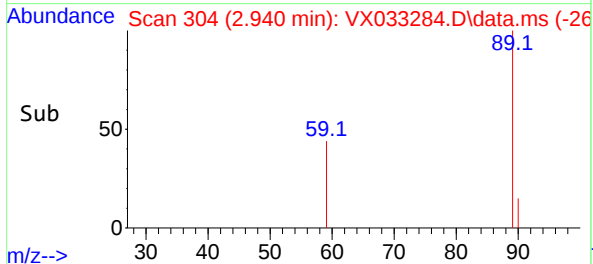
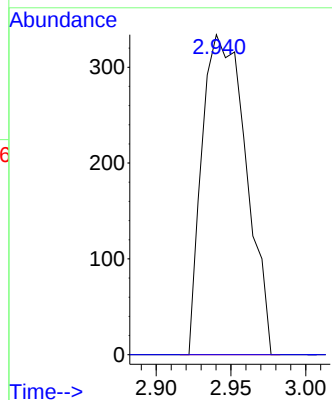
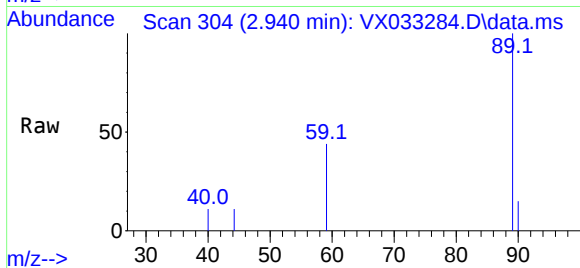
VX1207WBL01

Tgt Ion: 59 Resp: 682

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#17

Carbon Disulfide

Concen: 0.203 ug/l

RT: 2.513 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX033284.D

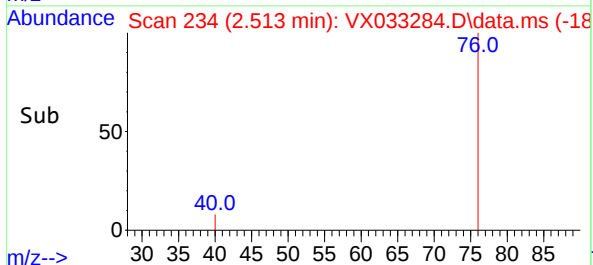
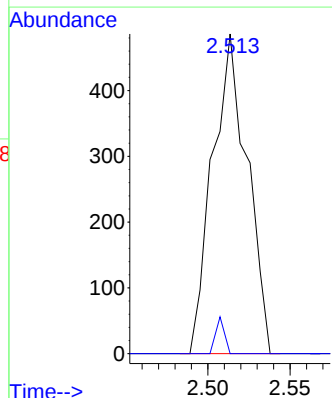
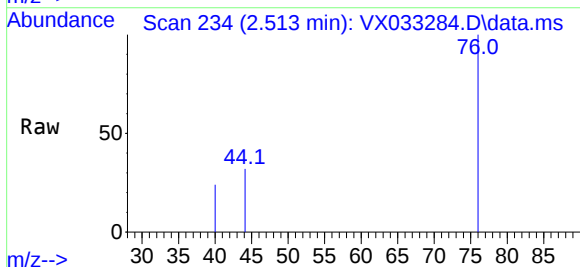
Acq: 07 Dec 2022 16:17

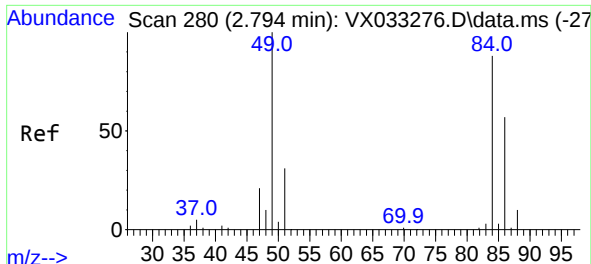
Tgt Ion: 76 Resp: 714

Ion Ratio Lower Upper

76 100

78 0.0 7.5 11.3#



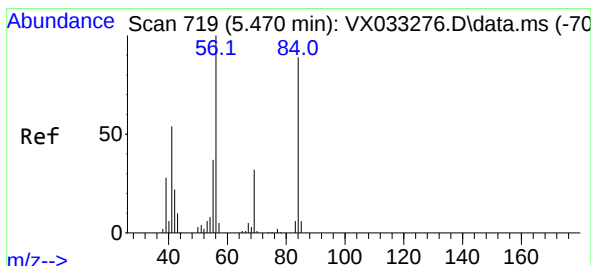
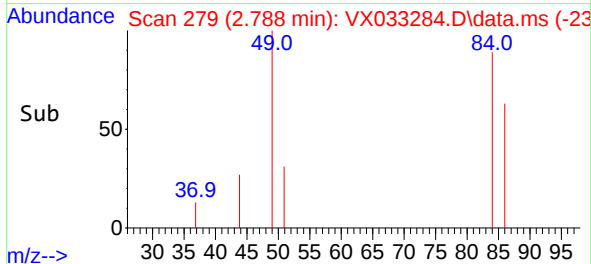
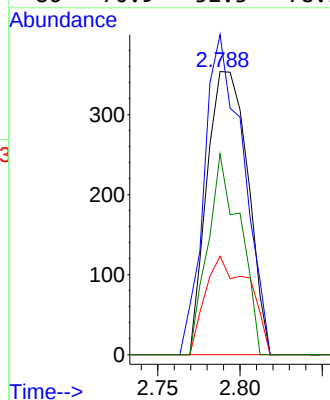
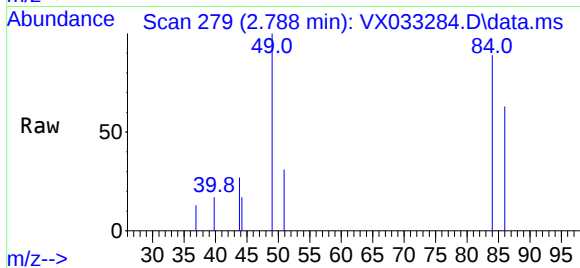


#20
Methylene Chloride
Concen: 0.381 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX033284.D
Acq: 07 Dec 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBL01

Tgt Ion: 84 Resp: 611

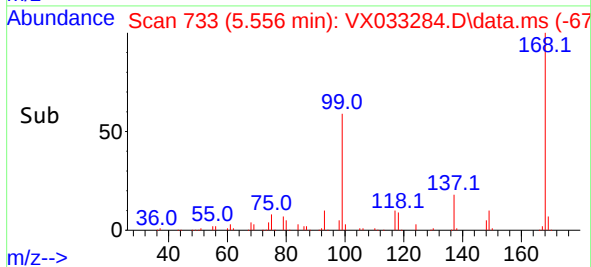
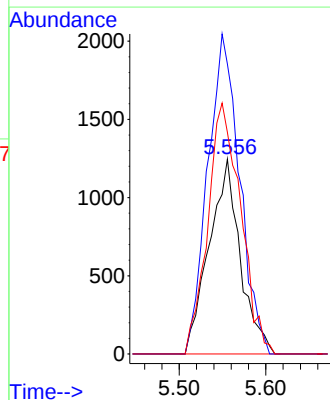
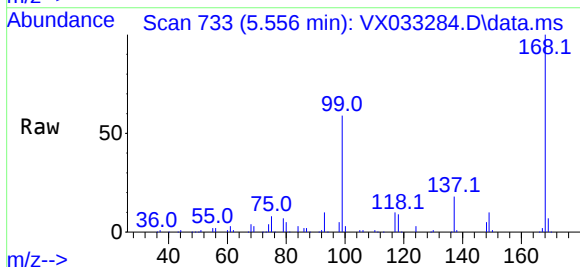
Ion	Ratio	Lower	Upper
84	100		
49	113.0	101.0	151.6
51	34.7	31.1	46.7
86	70.9	52.3	78.5

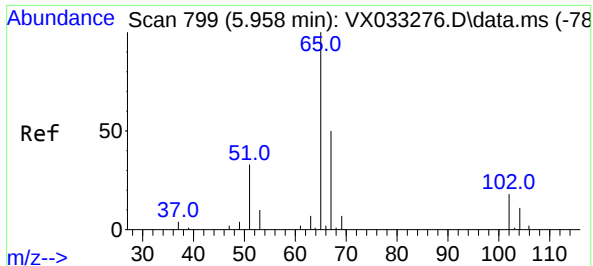


#31
Cyclohexane
Concen: 1.346 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX033284.D
Acq: 07 Dec 2022 16:17

Tgt Ion: 56 Resp: 3109

Ion	Ratio	Lower	Upper
56	100		
69	148.8	24.1	36.1#
84	113.7	66.9	100.3#

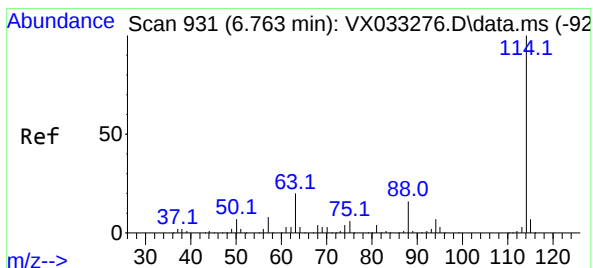
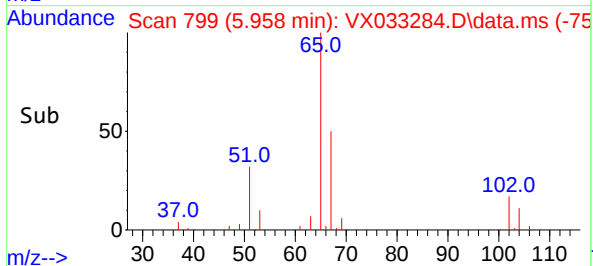
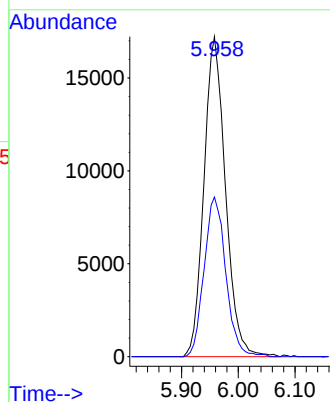
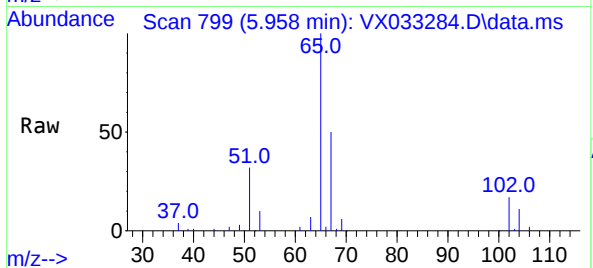




#33
1,2-Dichloroethane-d4
Concen: 46.772 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033284.D
Acq: 07 Dec 2022 16:17

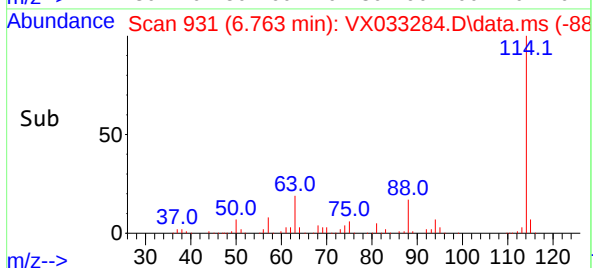
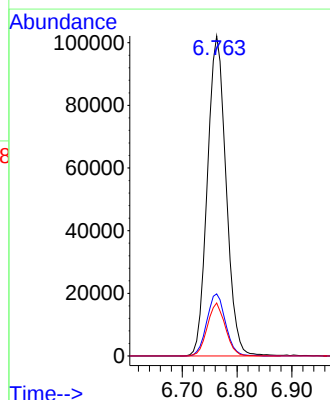
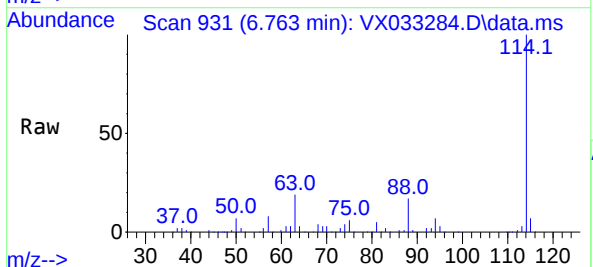
Instrument :
MSVOA_X
ClientSampleId :
VX1207WBL01

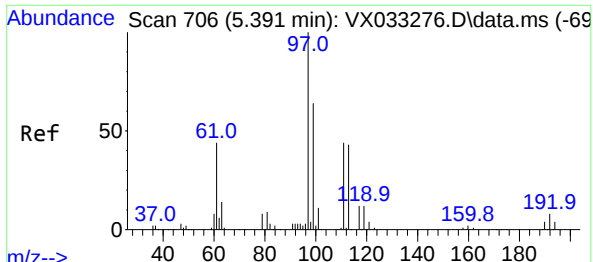
Tgt Ion: 65 Resp: 45462
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX033284.D
Acq: 07 Dec 2022 16:17

Tgt Ion: 114 Resp: 241490
Ion Ratio Lower Upper
114 100
63 19.4 0.0 41.6
88 16.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 44.990 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033284.D

Acq: 07 Dec 2022 16:17

Instrument :

MSVOA_X

ClientSampleId :

VX1207WBL01

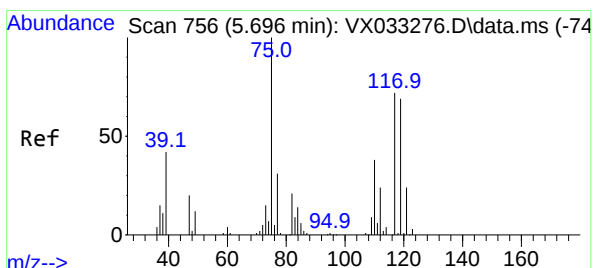
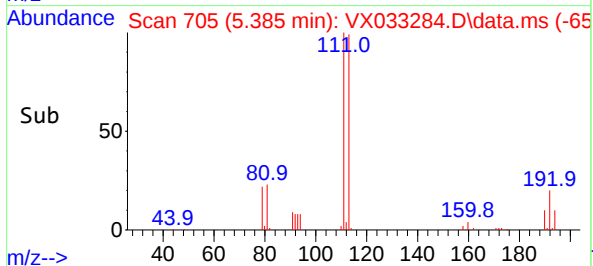
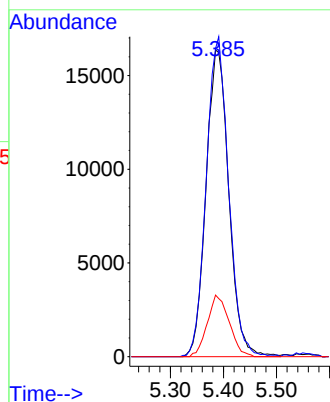
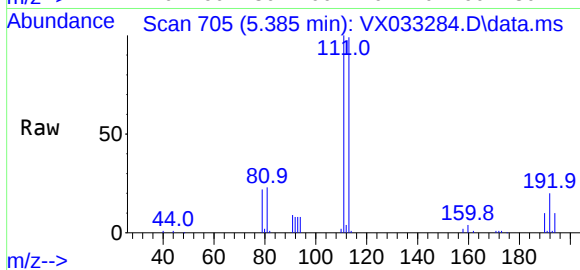
Tgt Ion:113 Resp: 48867

Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

192 19.3 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.491 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX033284.D

Acq: 07 Dec 2022 16:17

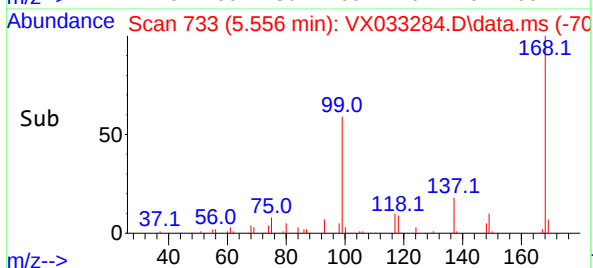
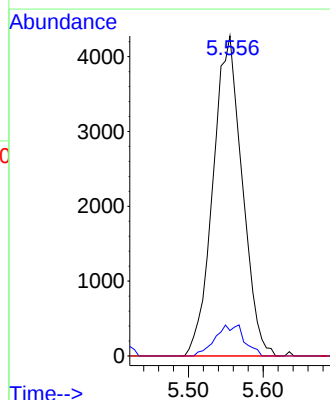
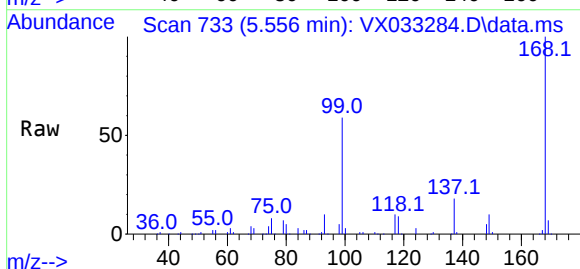
Tgt Ion: 75 Resp: 11628

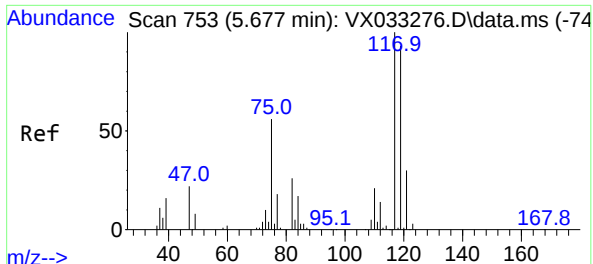
Ion Ratio Lower Upper

75 100

110 9.7 18.4 55.2#

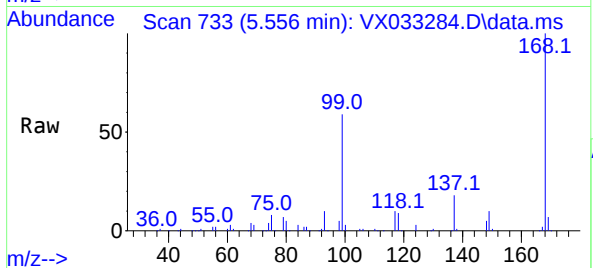
77 0.0 24.5 36.7#



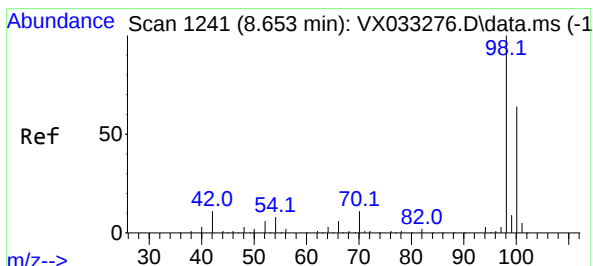
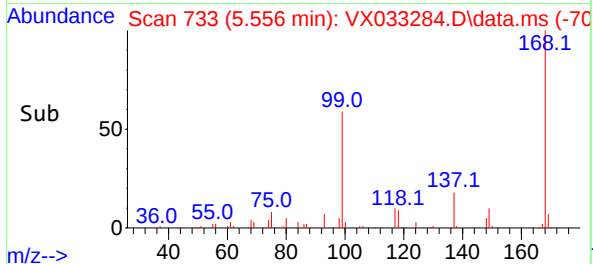
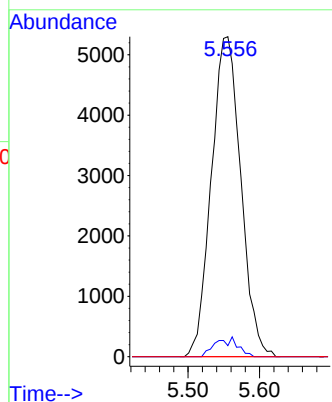


#38
Carbon Tetrachloride
Concen: 6.389 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX033284.D
Acq: 07 Dec 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBL01

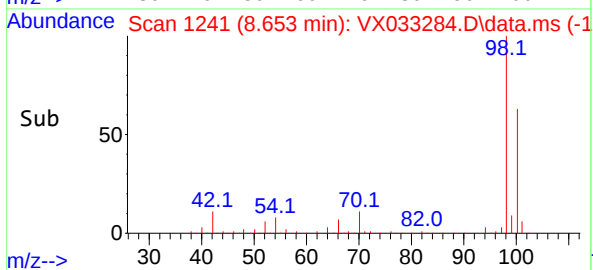
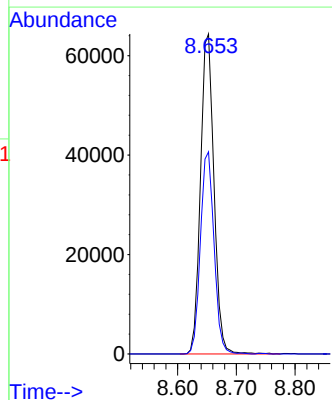
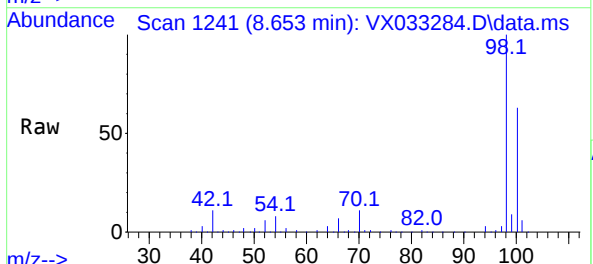


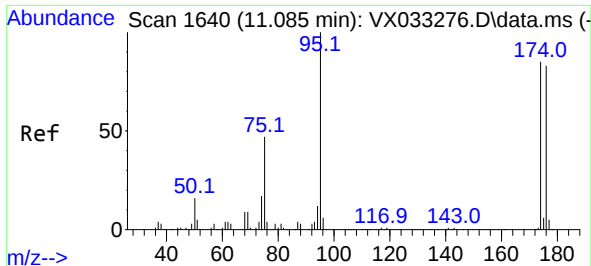
Tgt Ion:117 Resp: 15160
Ion Ratio Lower Upper
117 100
119 3.5 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 45.087 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX033284.D
Acq: 07 Dec 2022 16:17

Tgt Ion: 98 Resp: 102447
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3

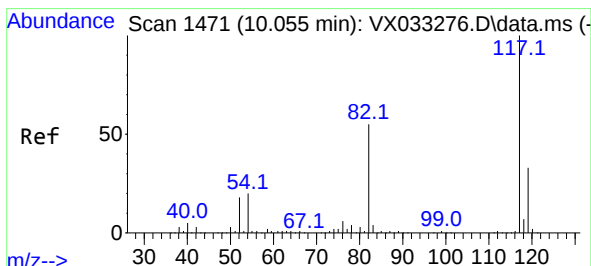
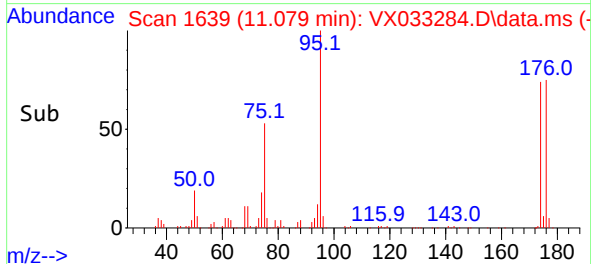
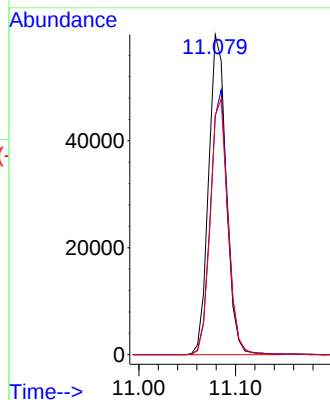
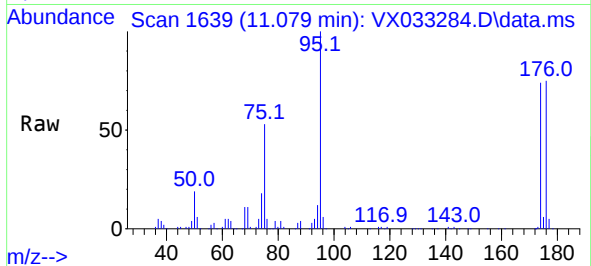




#62
4-Bromofluorobenzene
Concen: 43.551 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033284.D
Acq: 07 Dec 2022 16:17

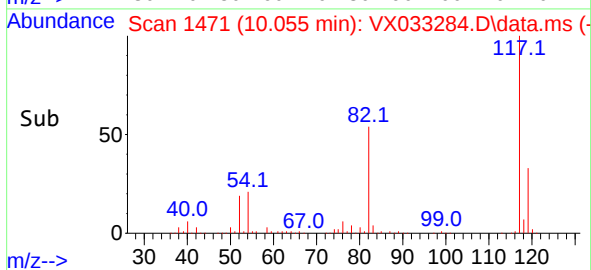
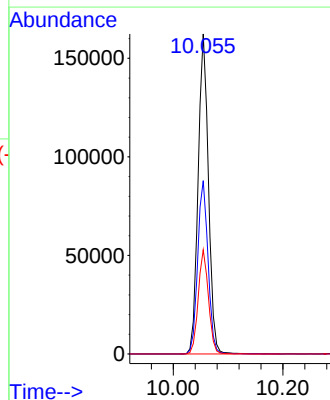
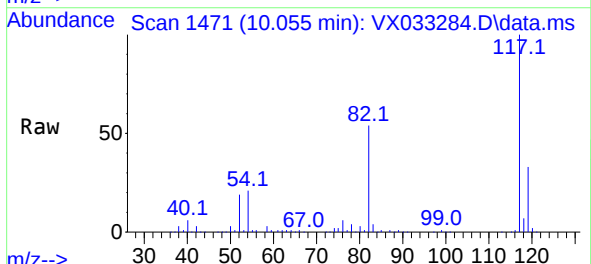
Instrument :
MSVOA_X
ClientSampleId :
VX1207WBL01

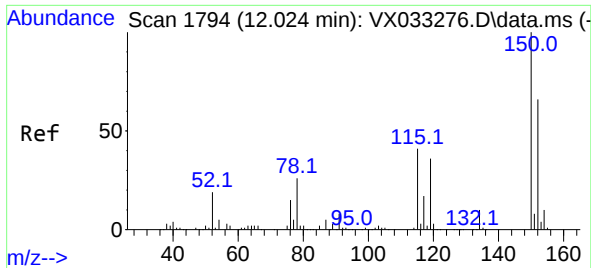
Tgt Ion: 95 Resp: 75665
Ion Ratio Lower Upper
95 100
174 82.4 0.0 164.0
176 79.9 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033284.D
Acq: 07 Dec 2022 16:17

Tgt Ion: 117 Resp: 213185
Ion Ratio Lower Upper
117 100
82 54.2 44.3 66.5
119 32.6 25.7 38.5

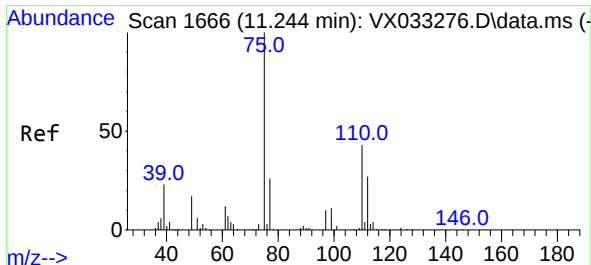
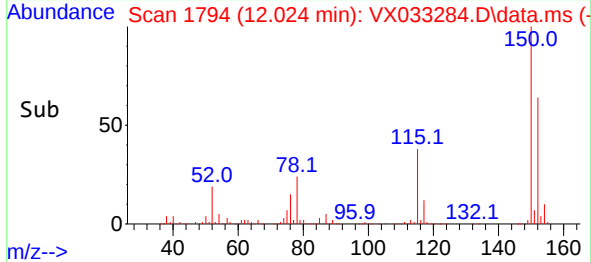
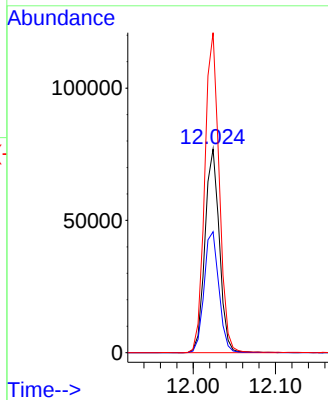
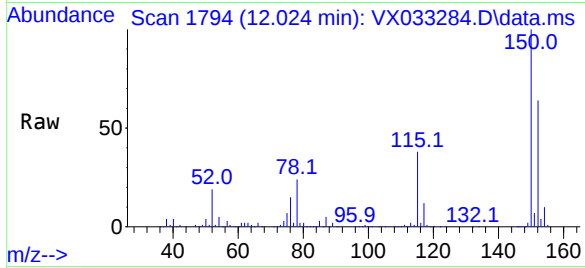




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033284.D
Acq: 07 Dec 2022 16:17

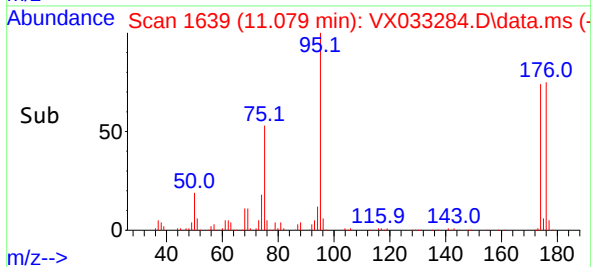
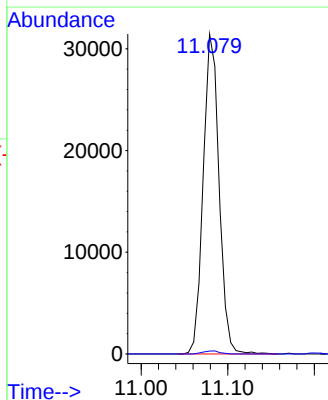
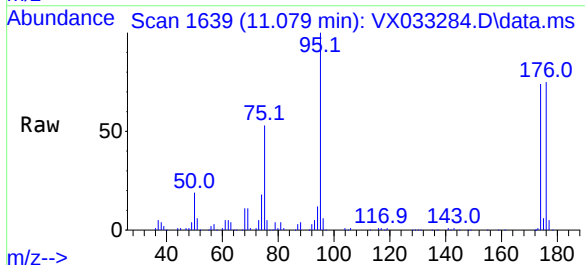
Instrument :
MSVOA_X
ClientSampleId :
VX1207WBL01

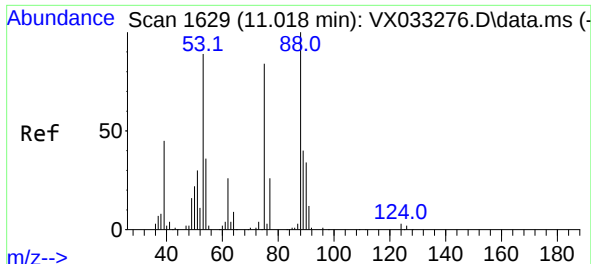
Tgt Ion:152 Resp: 93680
Ion Ratio Lower Upper
152 100
115 61.2 44.0 132.0
150 157.6 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 20.984 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033284.D
Acq: 07 Dec 2022 16:17

Tgt Ion: 75 Resp: 39994
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#

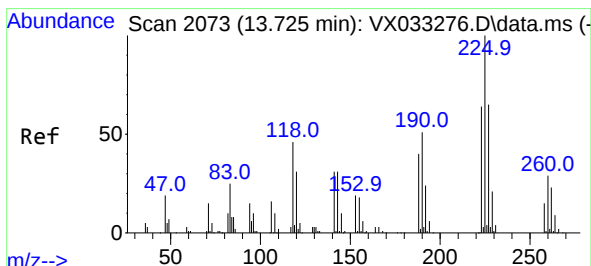
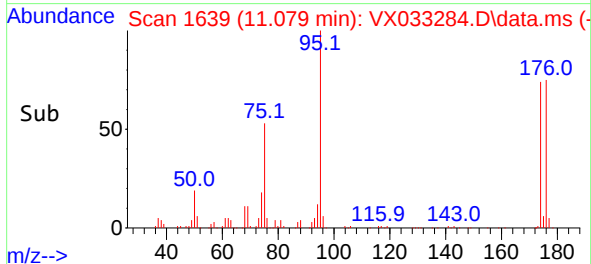
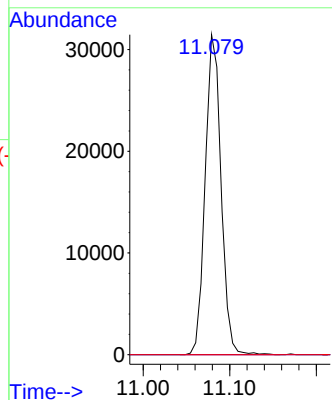
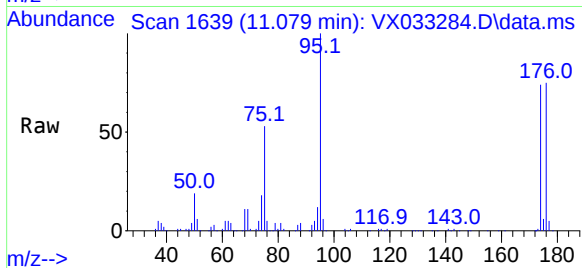




#81
trans-1,4-Dichloro-2-butene
Concen: 65.274 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX033284.D
Acq: 07 Dec 2022 16:17

Instrument :
MSVOA_X
ClientSampleId :
VX1207WBL01

Tgt Ion: 75 Resp: 39994
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#94
Hexachlorobutadiene
Concen: 0.208 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033284.D
Acq: 07 Dec 2022 16:17

Tgt Ion: 225 Resp: 156
Ion Ratio Lower Upper
225 100
223 51.9 31.9 95.9
227 30.8 31.9 95.5#

