

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120822\
 Data File : VX033322.D
 Acq On : 08 Dec 2022 14:42
 Operator : JC/MD
 Sample : N5865-13DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01

Quant Time: Dec 09 00:48:13 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)

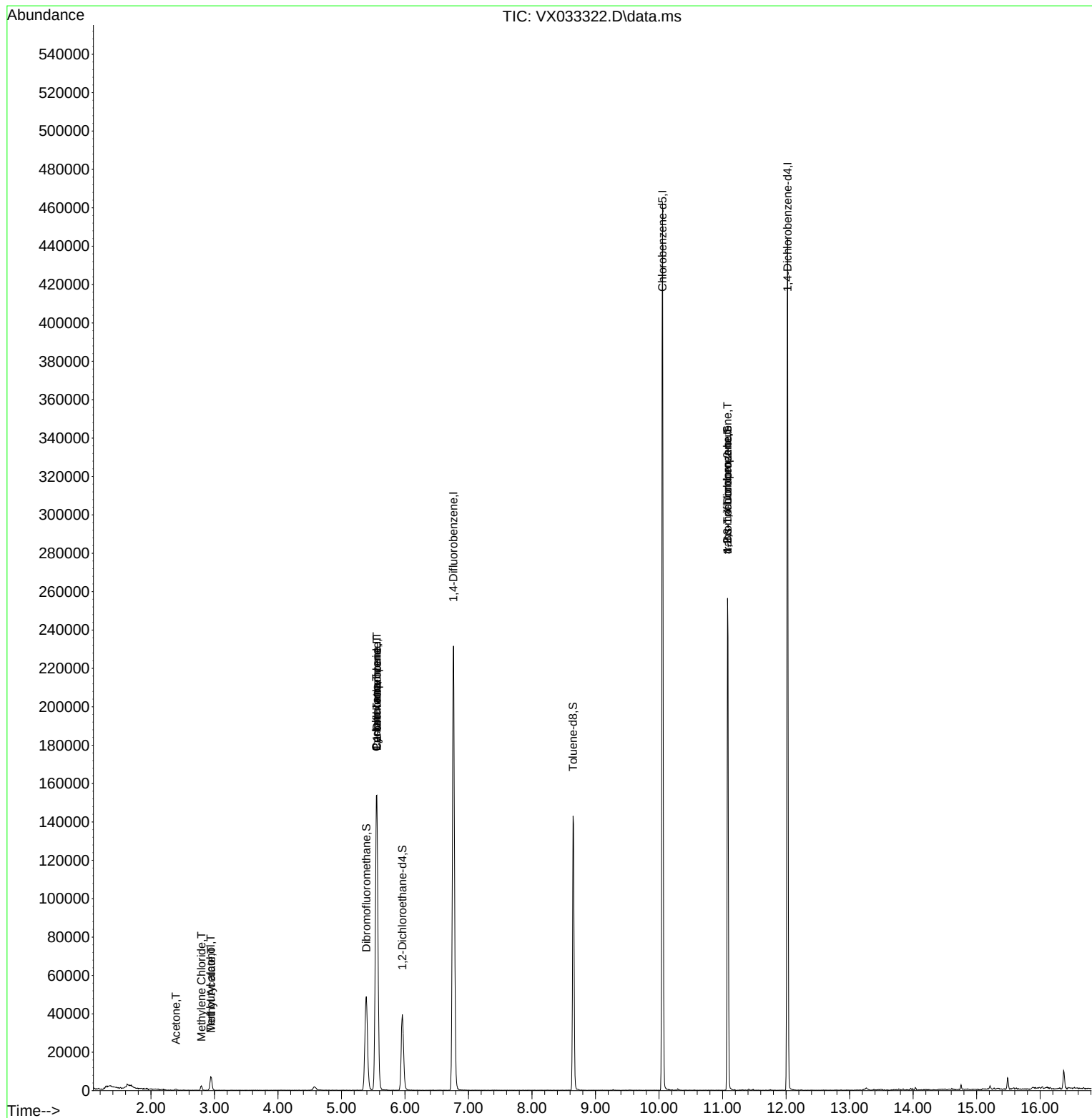
Internal Standards						
1) Pentafluorobenzene	5.556	168	148121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	237437	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	40636	42.764	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.520%
35) Dibromofluoromethane	5.391	113	43382	40.622	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	81.240%
50) Toluene-d8	8.647	98	90325	40.430	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	80.860%#
62) 4-Bromofluorobenzene	11.079	95	67102	39.282	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	78.560%#
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	4245	14.612	ug/l #	72
16) Acetone	2.392	43	880	1.251	ug/l #	84
18) Methyl Acetate	2.947	43	693	0.340	ug/l #	51
20) Methylene Chloride	2.794	84	1140	0.727	ug/l #	75
31) Cyclohexane	5.550	56	2982	1.320	ug/l #	25
36) 1,1-Dichloropropene	5.556	75	11328	5.441	ug/l #	49
38) Carbon Tetrachloride	5.556	117	15182	6.508	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	35412	18.854	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35412	58.649	ug/l #	6

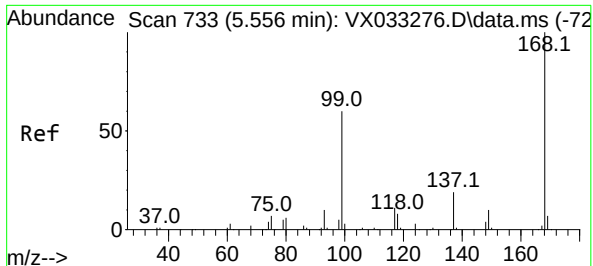
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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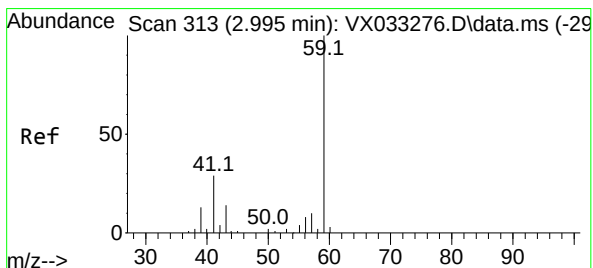
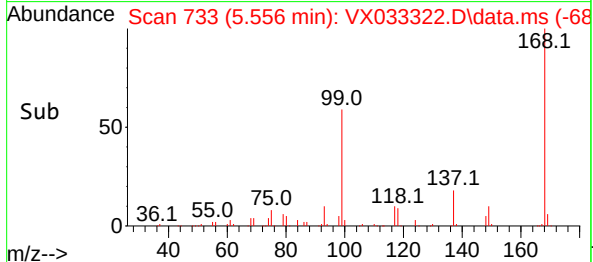
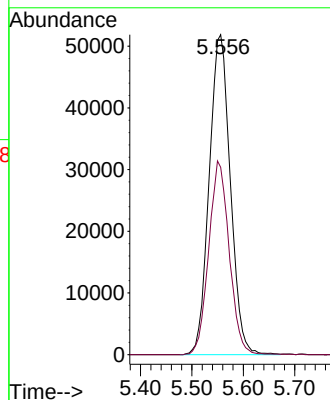
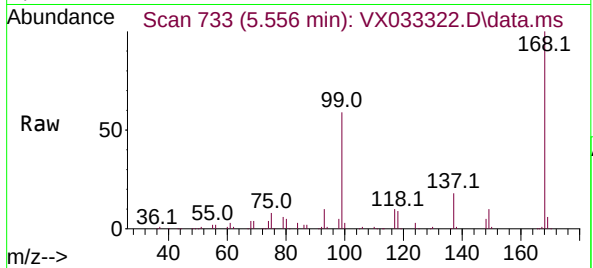




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033322.D
Acq: 08 Dec 2022 14:42

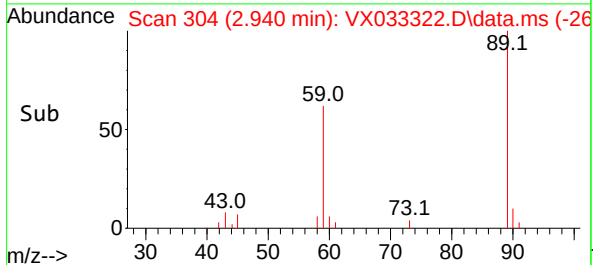
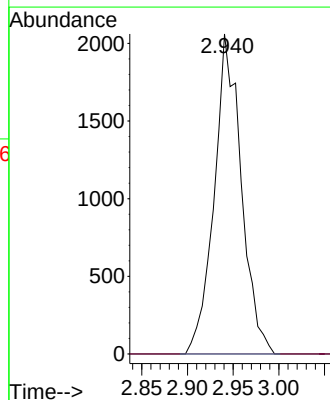
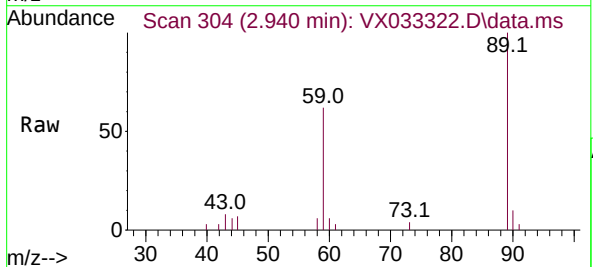
Instrument :
MSVOA_X
ClientSampleId :
EB-01

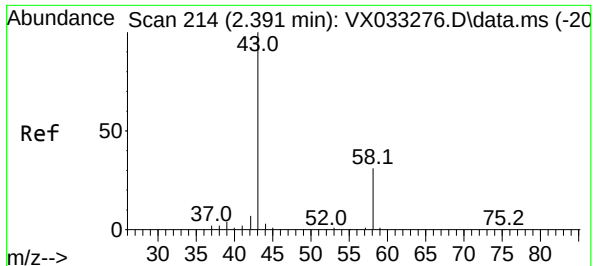
Tgt Ion:168 Resp: 148121
Ion Ratio Lower Upper
168 100
99 58.5 46.1 69.1



#11
Tert butyl alcohol
Concen: 14.612 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX033322.D
Acq: 08 Dec 2022 14:42

Tgt Ion: 59 Resp: 4245
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

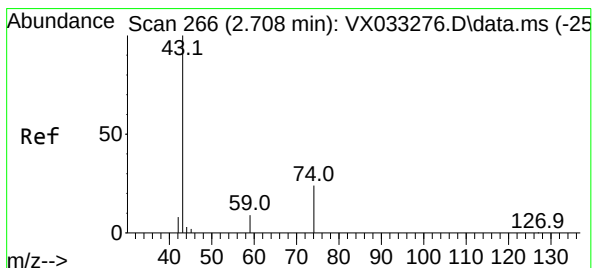
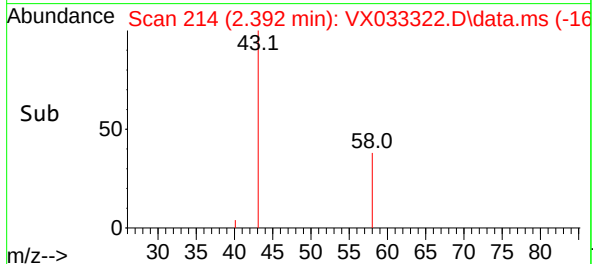
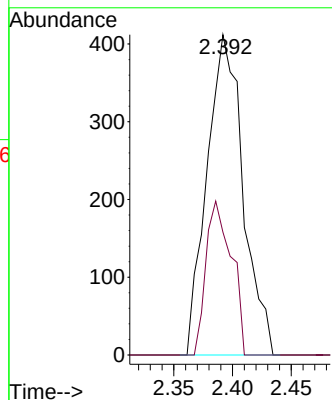
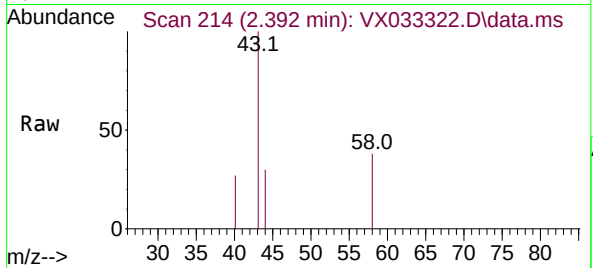




#16
Acetone
Concen: 1.251 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX033322.D
Acq: 08 Dec 2022 14:42

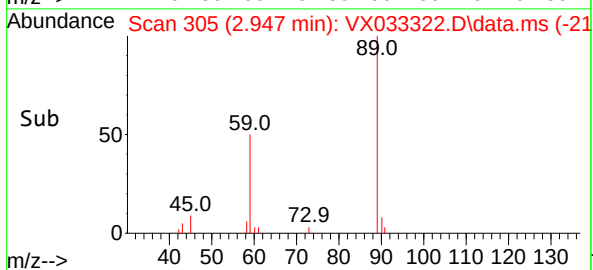
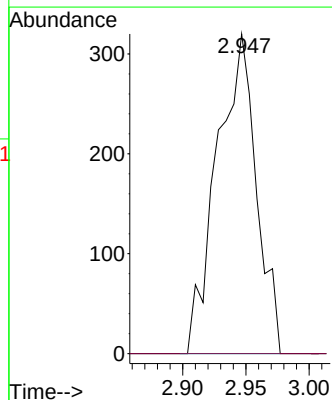
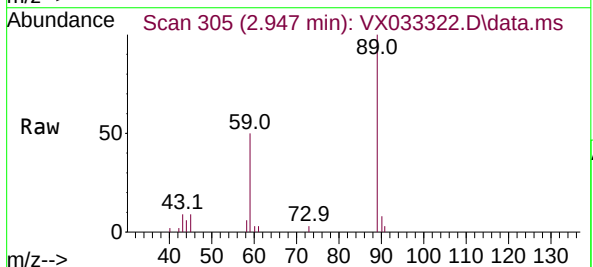
Instrument :
MSVOA_X
ClientSampleId :
EB-01

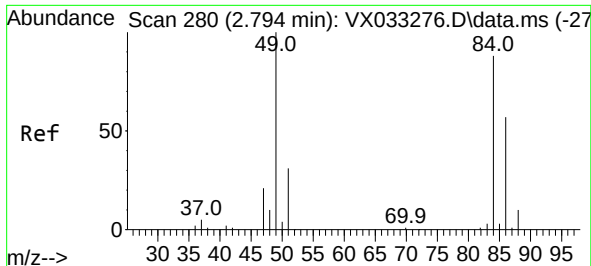
Tgt Ion: 43 Resp: 880
Ion Ratio Lower Upper
43 100
58 38.3 23.8 35.8#



#18
Methyl Acetate
Concen: 0.340 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.238 min
Lab File: VX033322.D
Acq: 08 Dec 2022 14:42

Tgt Ion: 43 Resp: 693
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#



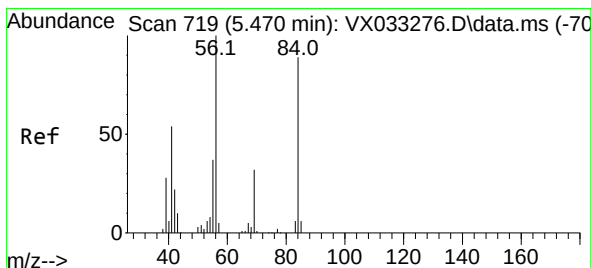
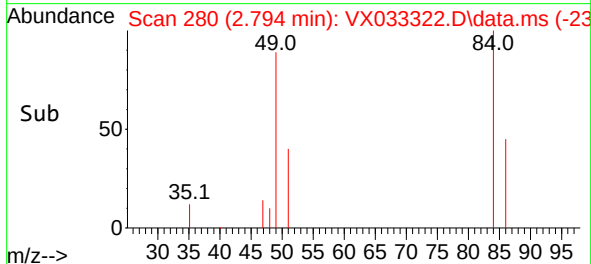
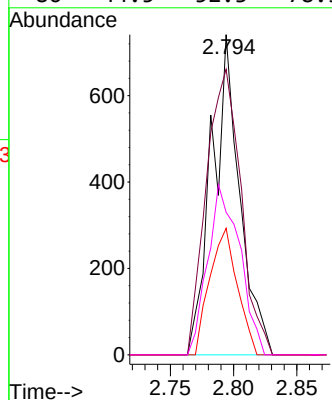
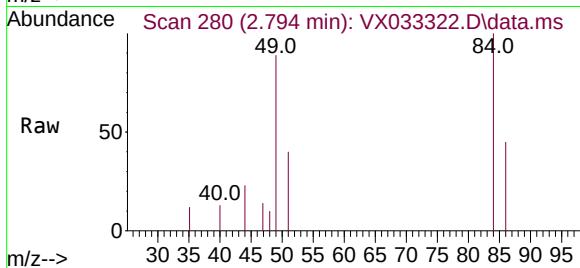


#20
Methylene Chloride
Concen: 0.727 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033322.D
Acq: 08 Dec 2022 14:42

Instrument :
MSVOA_X
ClientSampleId :
EB-01

Tgt Ion: 84 Resp: 1140

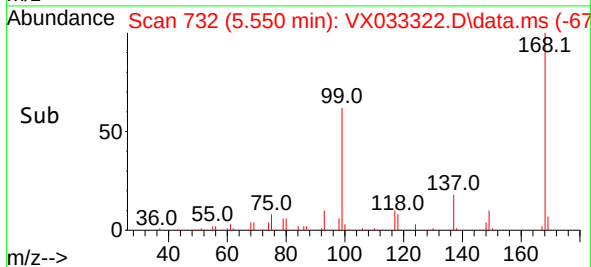
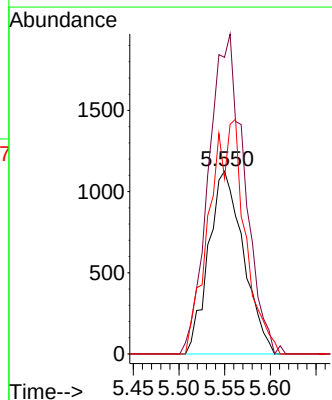
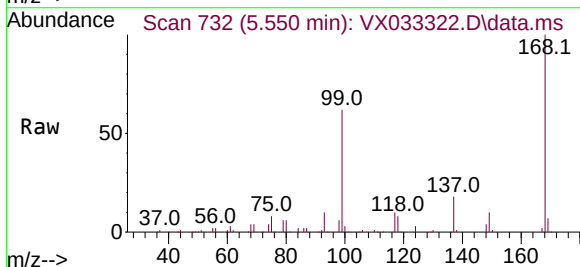
Ion	Ratio	Lower	Upper
84	100		
49	89.2	101.0	151.6#
51	39.5	31.1	46.7
86	44.5	52.3	78.5#

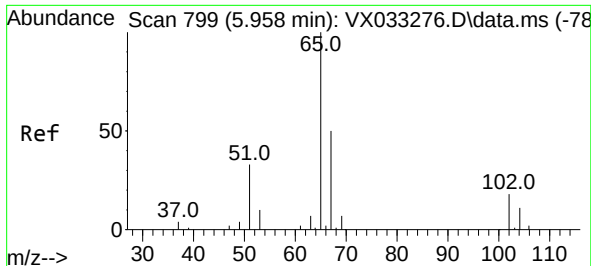


#31
Cyclohexane
Concen: 1.320 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX033322.D
Acq: 08 Dec 2022 14:42

Tgt Ion: 56 Resp: 2982

Ion	Ratio	Lower	Upper
56	100		
69	162.3	24.1	36.1#
84	96.0	66.9	100.3





#33

1,2-Dichloroethane-d4

Concen: 42.764 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033322.D

Acq: 08 Dec 2022 14:42

Instrument :

MSVOA_X

ClientSampleId :

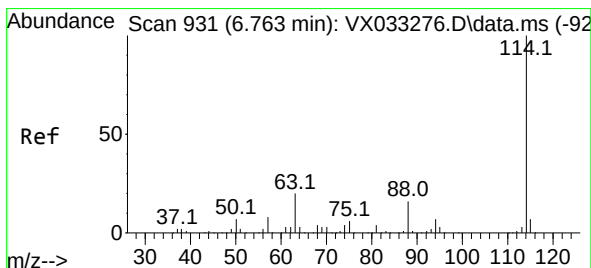
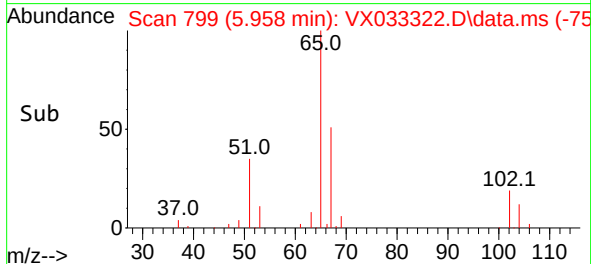
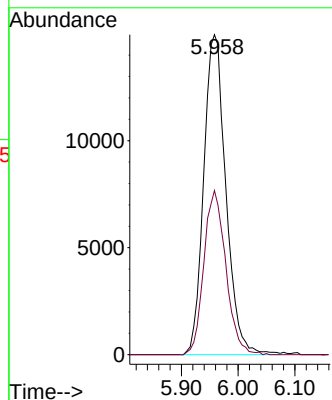
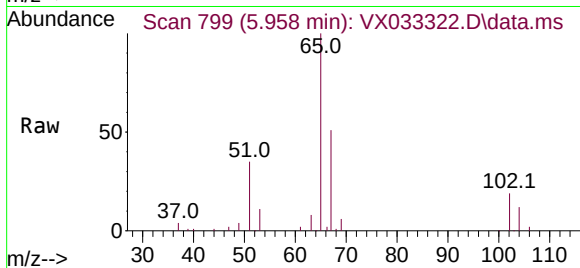
EB-01

Tgt Ion: 65 Resp: 40636

Ion Ratio Lower Upper

65 100

67 50.8 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: VX033322.D

Acq: 08 Dec 2022 14:42

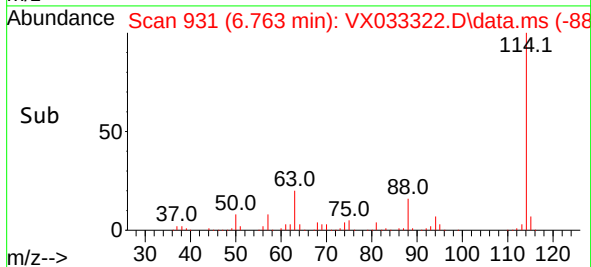
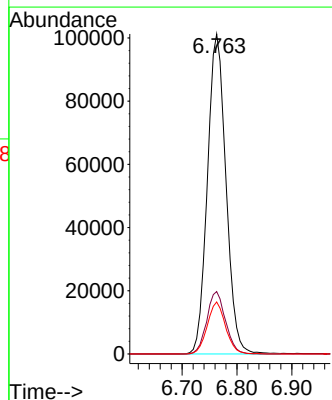
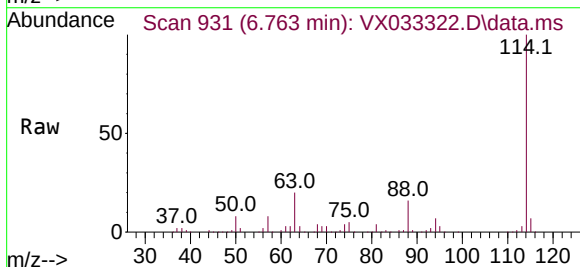
Tgt Ion: 114 Resp: 237437

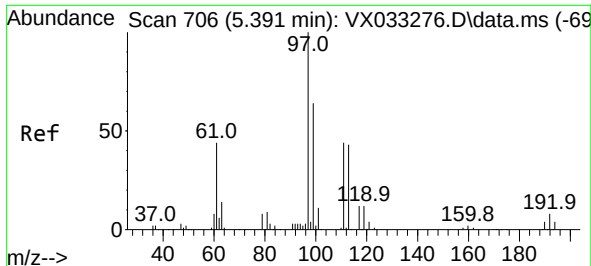
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.6

88 16.2 0.0 33.4

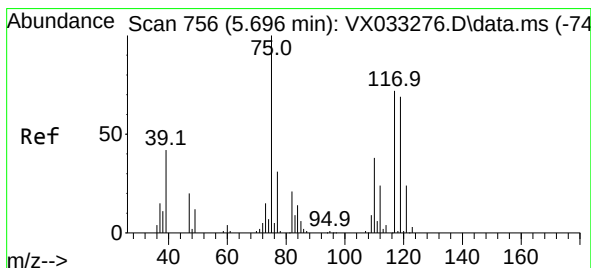
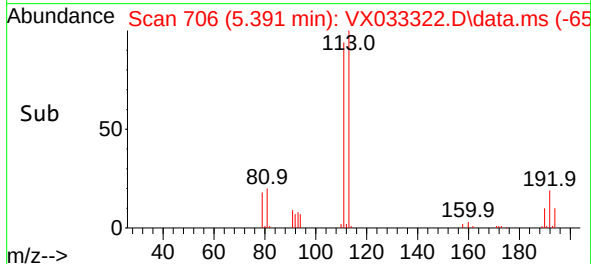
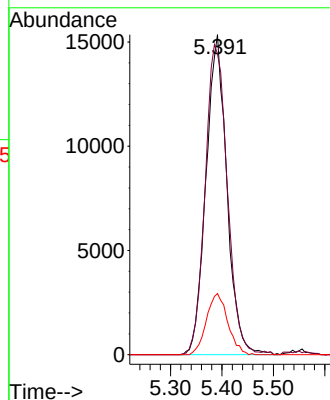
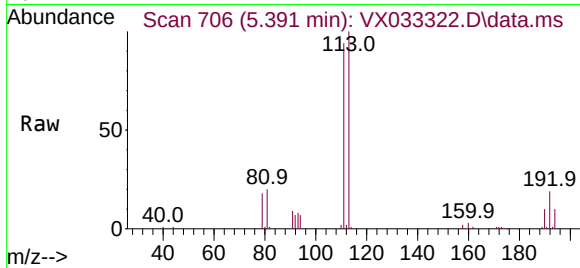




#35
Dibromofluoromethane
Concen: 40.622 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX033322.D
Acq: 08 Dec 2022 14:42

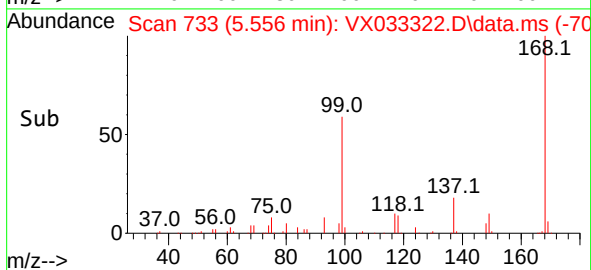
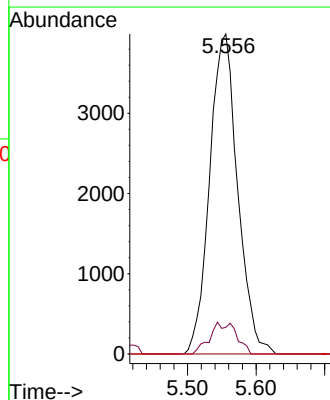
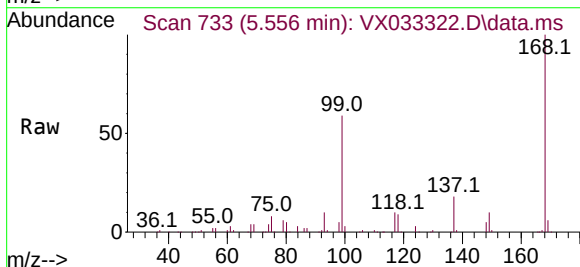
Instrument :
MSVOA_X
ClientSampleId :
EB-01

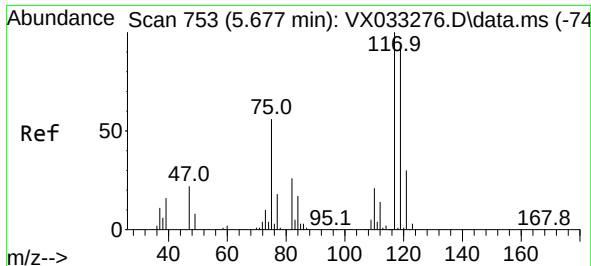
Tgt Ion:113 Resp: 43382
Ion Ratio Lower Upper
113 100
111 102.6 82.4 123.6
192 19.5 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.441 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX033322.D
Acq: 08 Dec 2022 14:42

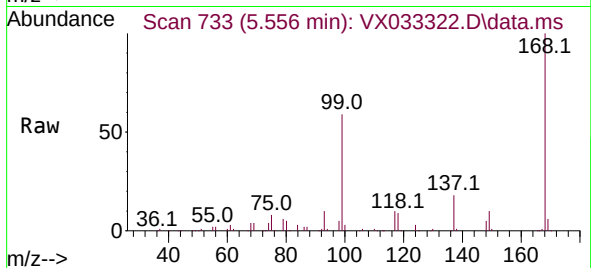
Tgt Ion: 75 Resp: 11328
Ion Ratio Lower Upper
75 100
110 9.3 18.4 55.2#
77 0.0 24.5 36.7#



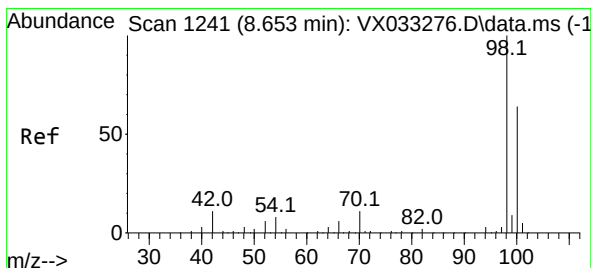
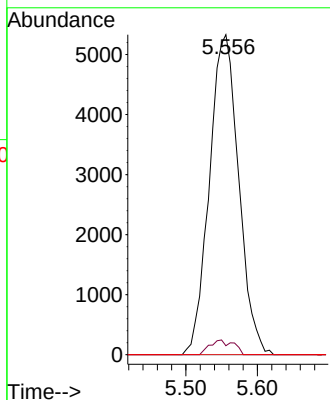
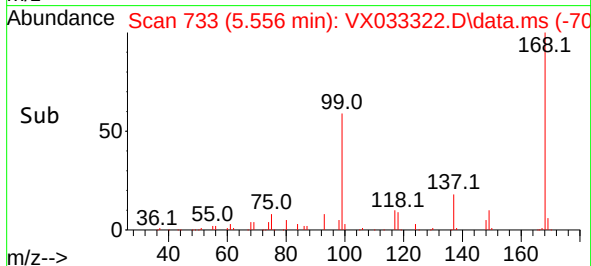


#38
Carbon Tetrachloride
Concen: 6.508 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX033322.D
Acq: 08 Dec 2022 14:42

Instrument :
MSVOA_X
ClientSampleId :
EB-01

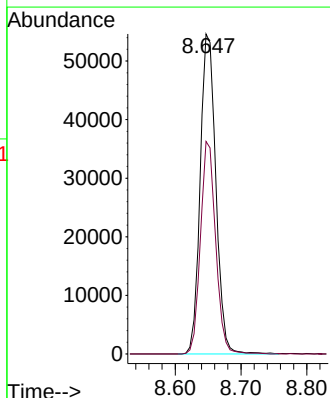
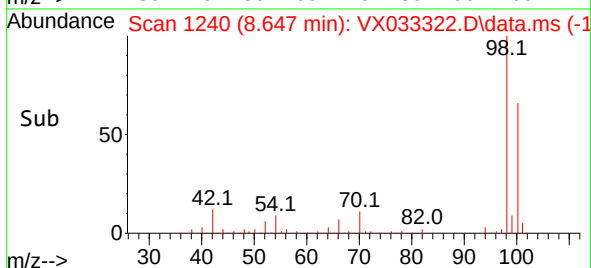
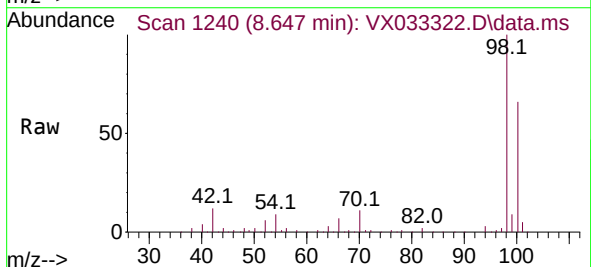


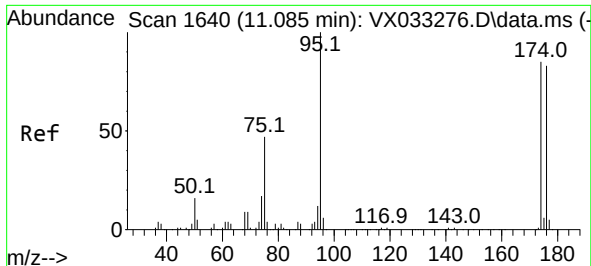
Tgt Ion:117 Resp: 15182
Ion Ratio Lower Upper
117 100
119 2.8 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 40.430 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033322.D
Acq: 08 Dec 2022 14:42

Tgt Ion: 98 Resp: 90325
Ion Ratio Lower Upper
98 100
100 64.6 50.9 76.3

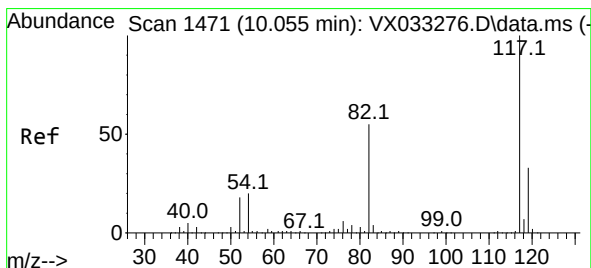
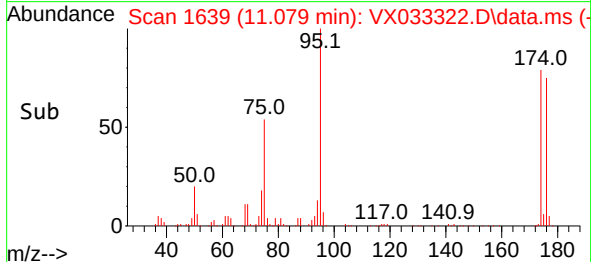
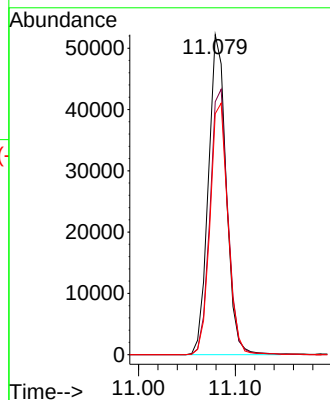
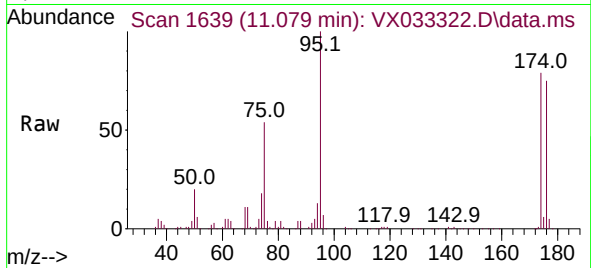




#62
4-Bromofluorobenzene
Concen: 39.282 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033322.D
Acq: 08 Dec 2022 14:42

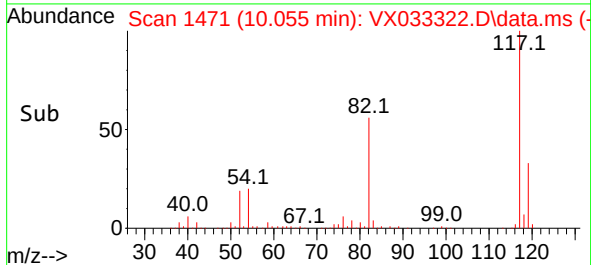
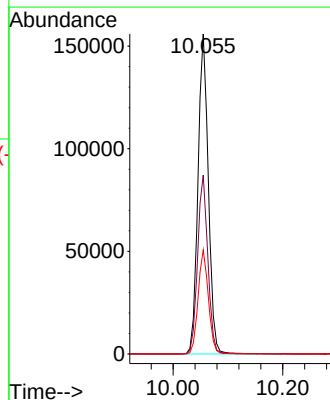
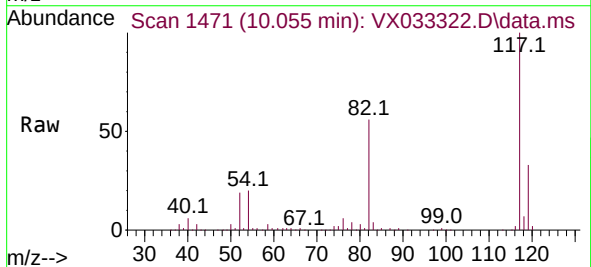
Instrument :
MSVOA_X
ClientSampleId :
EB-01

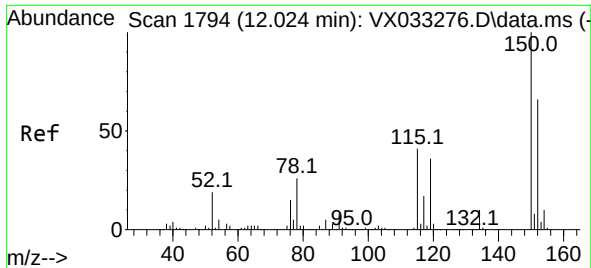
Tgt Ion: 95 Resp: 67102
Ion Ratio Lower Upper
95 100
174 83.4 0.0 164.0
176 79.0 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033322.D
Acq: 08 Dec 2022 14:42

Tgt Ion: 117 Resp: 205465
Ion Ratio Lower Upper
117 100
82 55.9 44.3 66.5
119 32.5 25.7 38.5

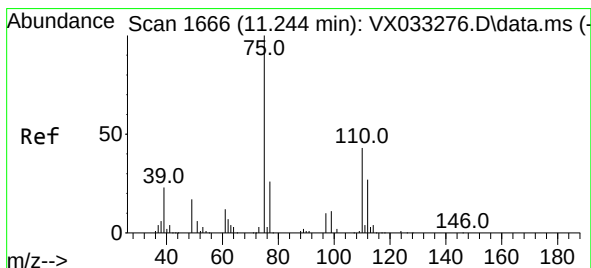
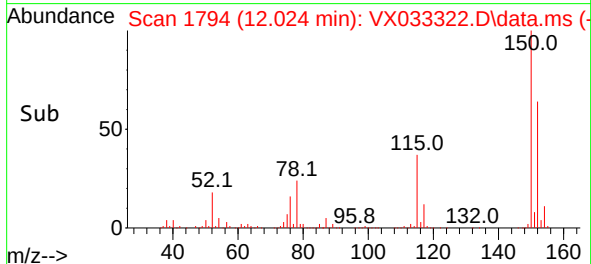
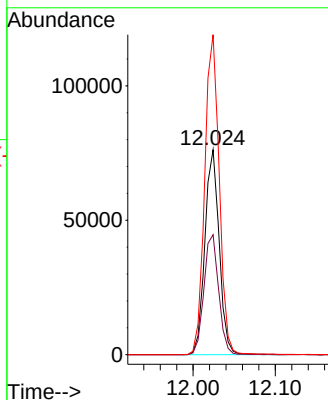
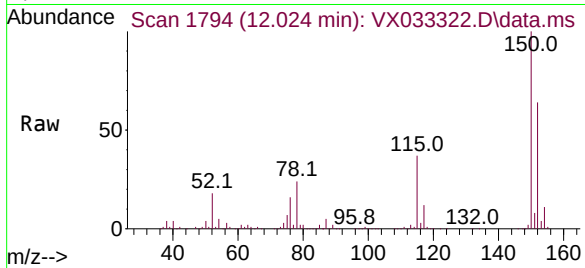




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033322.D
 Acq: 08 Dec 2022 14:42

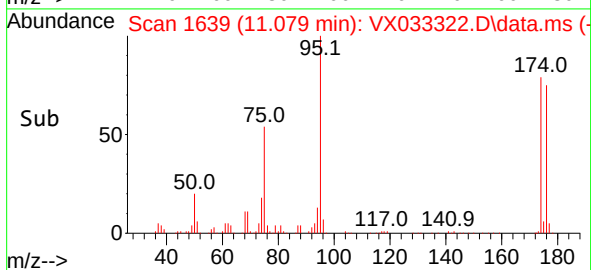
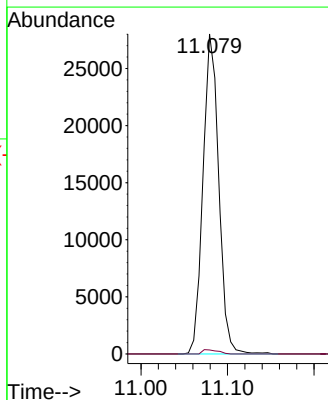
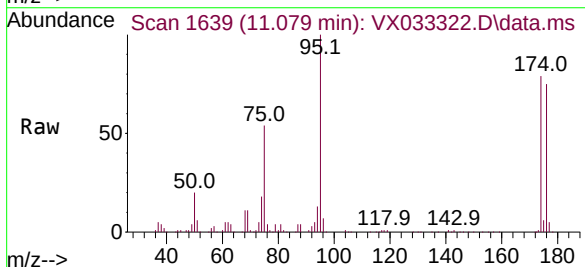
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01

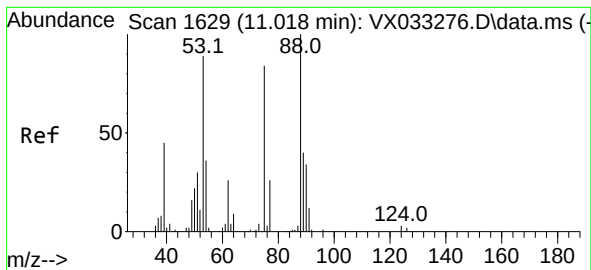
Tgt Ion:152 Resp: 92318
 Ion Ratio Lower Upper
 152 100
 115 60.3 44.0 132.0
 150 158.6 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 18.854 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX033322.D
 Acq: 08 Dec 2022 14:42

Tgt Ion: 75 Resp: 35412
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.0 60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 58.649 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX033322.D
Acq: 08 Dec 2022 14:42

Instrument :
MSVOA_X
ClientSampleId :
EB-01

Tgt Ion: 75 Resp: 35412
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

