

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
 Data File : VX033394.D
 Acq On : 13 Dec 2022 15:54
 Operator : JC/MD
 Sample : N5865-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-01

Quant Time: Dec 14 05:39:01 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)

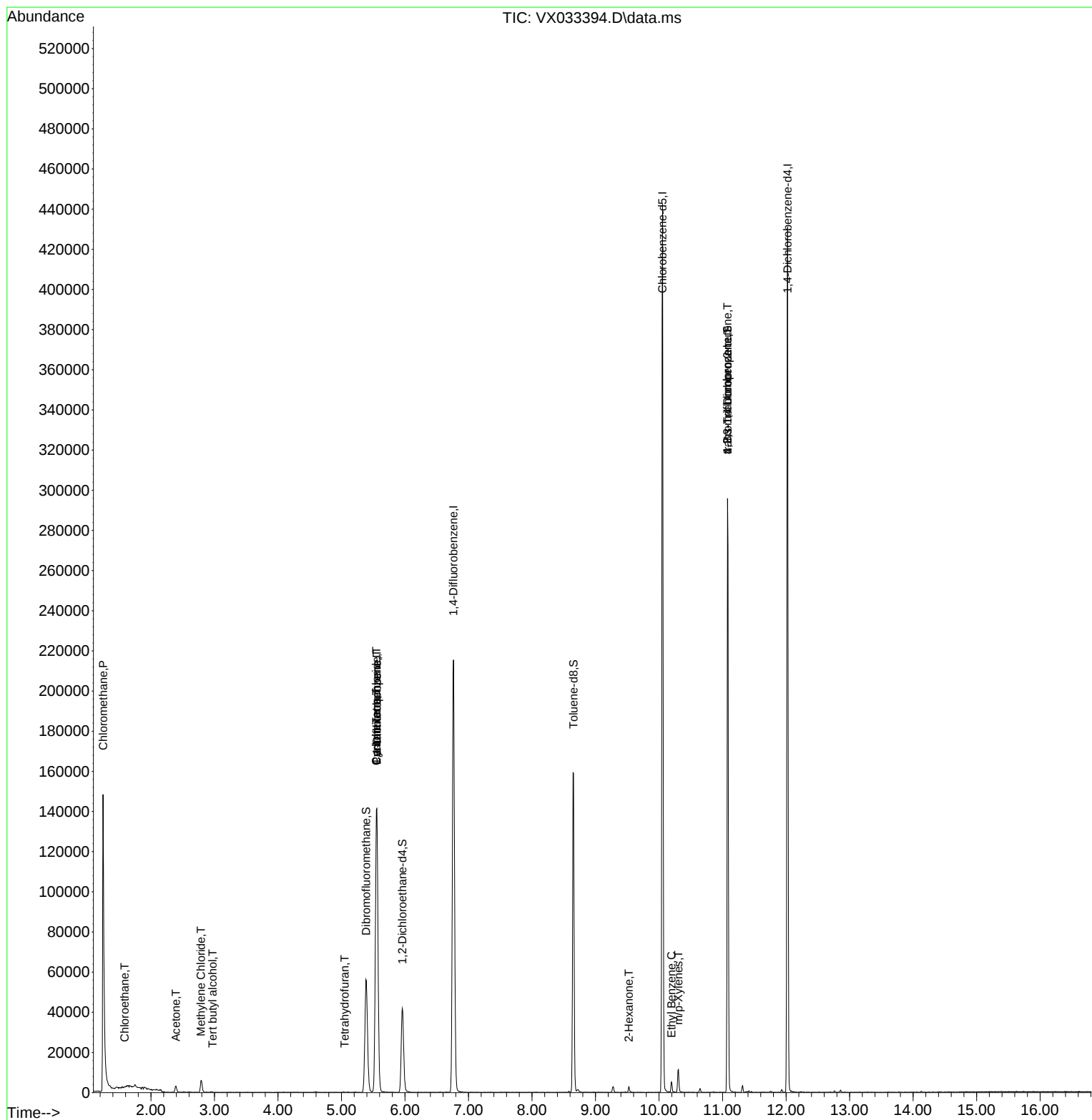
Internal Standards						
1) Pentafluorobenzene	5.556	168	138117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224824	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	201298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	44075	49.742	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.480%
35) Dibromofluoromethane	5.385	113	49192	48.646	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.300%
50) Toluene-d8	8.653	98	99716	47.138	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.280%
62) 4-Bromofluorobenzene	11.079	95	77301	47.791	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.580%
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	3464	3.105	ug/l #	43
6) Chloroethane	1.587	64	662	0.685	ug/l #	42
11) Tert butyl alcohol	2.971	59	56	0.207	ug/l #	72
16) Acetone	2.392	43	3852	5.875	ug/l	92
20) Methylene Chloride	2.788	84	3239	2.215	ug/l #	88
29) Tetrahydrofuran	5.050	42	150	0.246	ug/l #	31
31) Cyclohexane	5.550	56	2471	1.173	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	10310	5.229	ug/l #	50
38) Carbon Tetrachloride	5.550	117	14266	6.458	ug/l #	14
59) 2-Hexanone	9.525	43	439	0.314	ug/l #	25
67) Ethyl Benzene	10.195	91	3300	0.465	ug/l	96
68) m/p-Xylenes	10.305	106	2894	1.047	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	40252	21.300	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	40252	66.257	ug/l #	6

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

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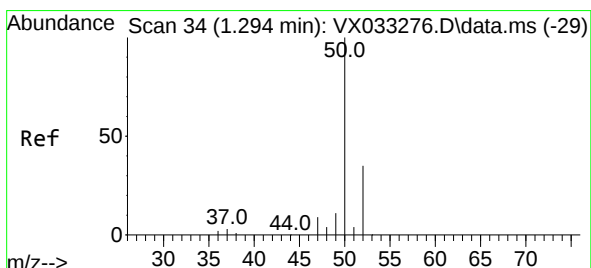
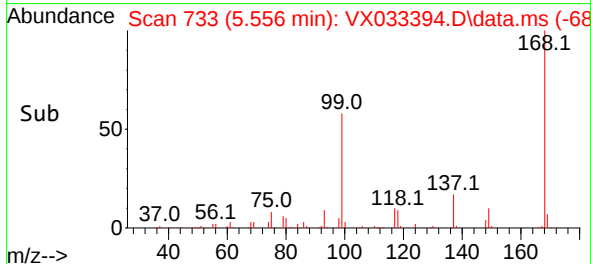
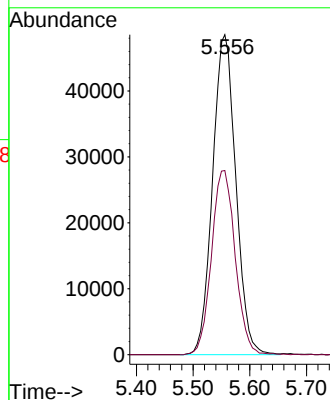
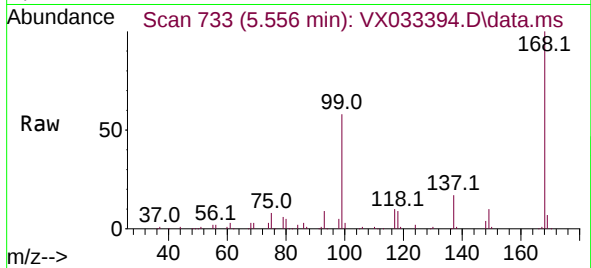




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033394.D
Acq: 13 Dec 2022 15:54

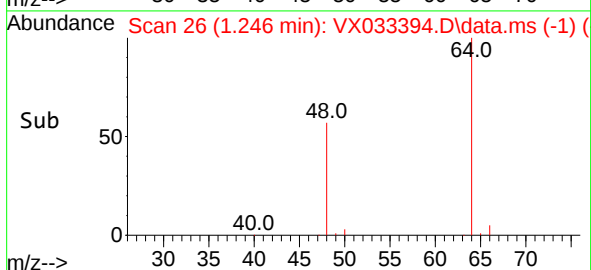
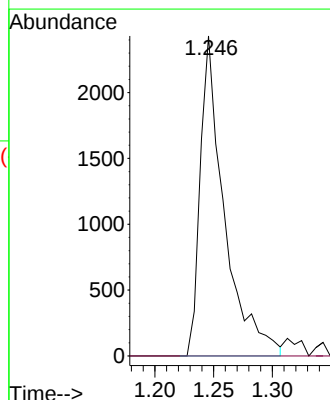
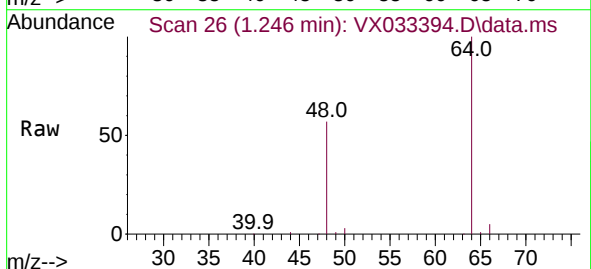
Instrument :
MSVOA_X
ClientSampleId :
EB-01

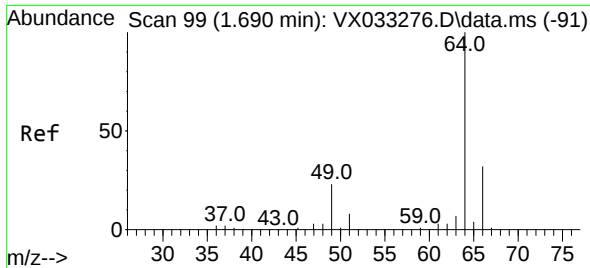
Tgt Ion:168 Resp: 138117
Ion Ratio Lower Upper
168 100
99 57.6 46.1 69.1



#3
Chloromethane
Concen: 3.105 ug/l
RT: 1.246 min Scan# 26
Delta R.T. -0.048 min
Lab File: VX033394.D
Acq: 13 Dec 2022 15:54

Tgt Ion: 50 Resp: 3464
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

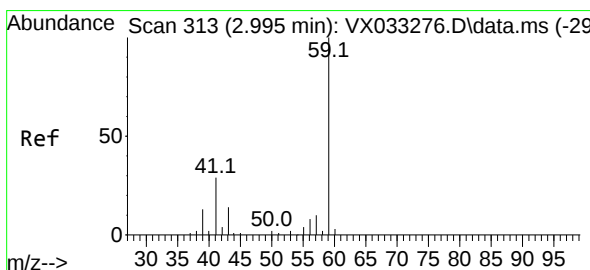
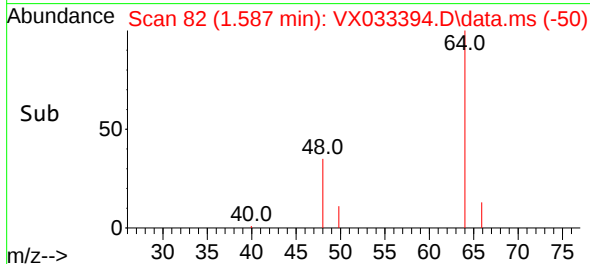
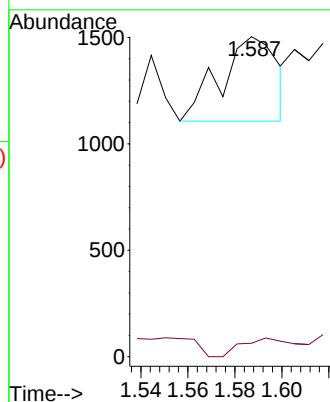
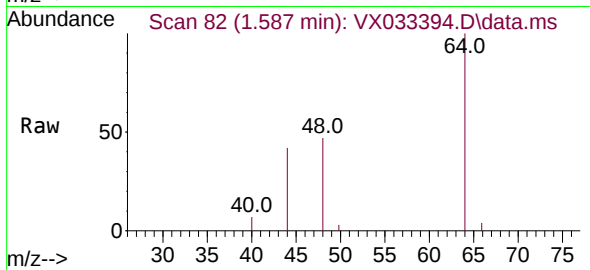




#6
Chloroethane
Concen: 0.685 ug/l
RT: 1.587 min Scan# 81
Delta R.T. -0.103 min
Lab File: VX033394.D
Acq: 13 Dec 2022 15:54

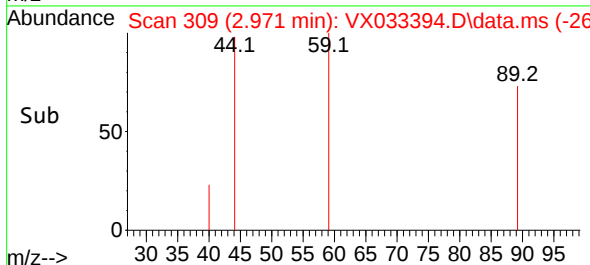
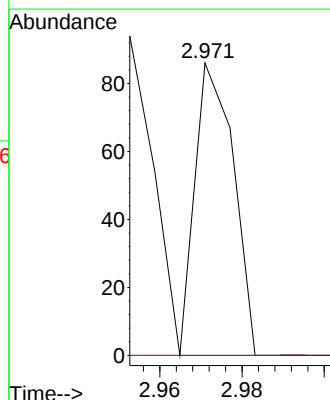
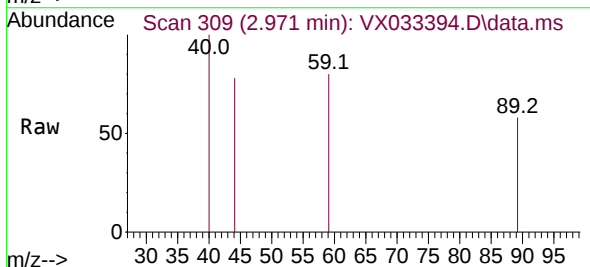
Instrument :
MSVOA_X
ClientSampleId :
EB-01

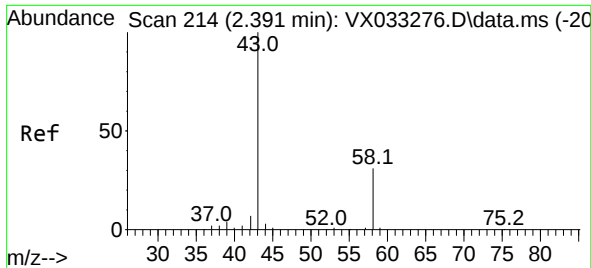
Tgt Ion: 64 Resp: 662
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#



#11
Tert butyl alcohol
Concen: 0.207 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.024 min
Lab File: VX033394.D
Acq: 13 Dec 2022 15:54

Tgt Ion: 59 Resp: 56
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

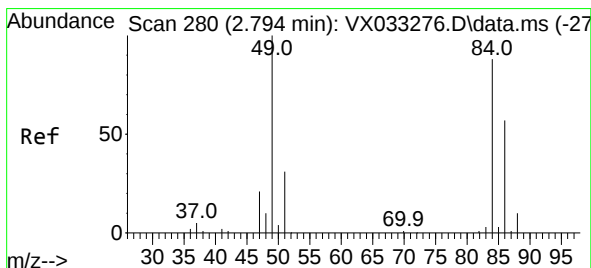
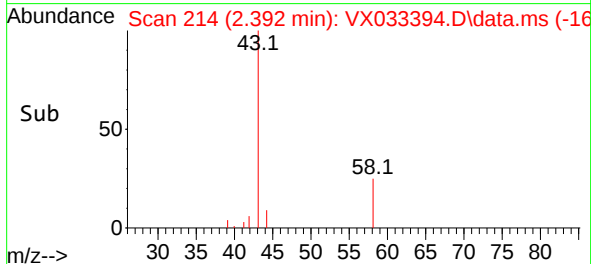
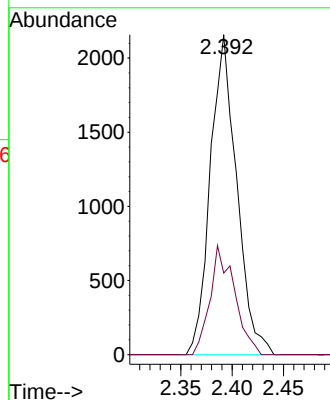
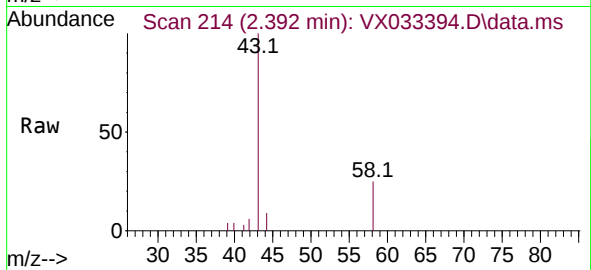




#16
Acetone
Concen: 5.875 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX033394.D
Acq: 13 Dec 2022 15:54

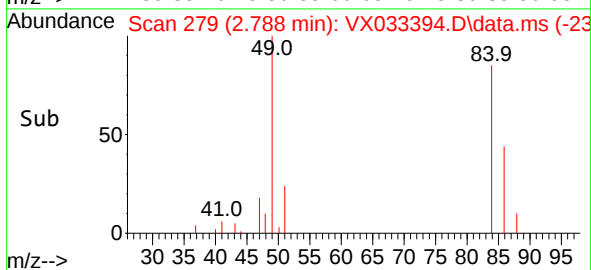
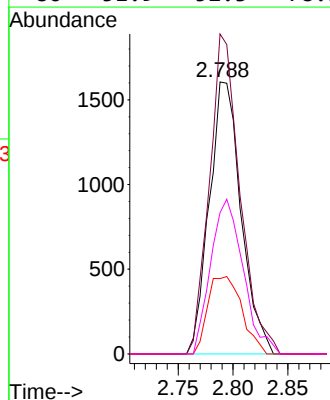
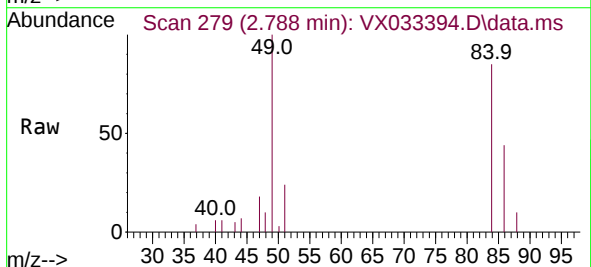
Instrument :
MSVOA_X
ClientSampleId :
EB-01

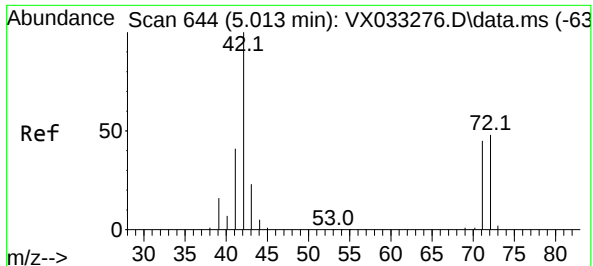
Tgt Ion: 43 Resp: 3852
Ion Ratio Lower Upper
43 100
58 25.5 23.8 35.8



#20
Methylene Chloride
Concen: 2.215 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033394.D
Acq: 13 Dec 2022 15:54

Tgt Ion: 84 Resp: 3239
Ion Ratio Lower Upper
84 100
49 117.6 101.0 151.6
51 27.7 31.1 46.7#
86 51.9 52.3 78.5#





#29

Tetrahydrofuran

Concen: 0.246 ug/l

RT: 5.050 min Scan# 61

Delta R.T. 0.037 min

Lab File: VX033394.D

Acq: 13 Dec 2022 15:54

Instrument :

MSVOA_X

ClientSampleId :

EB-01

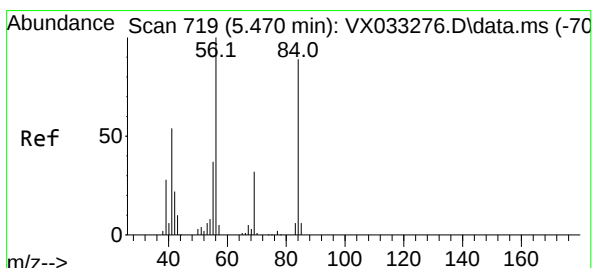
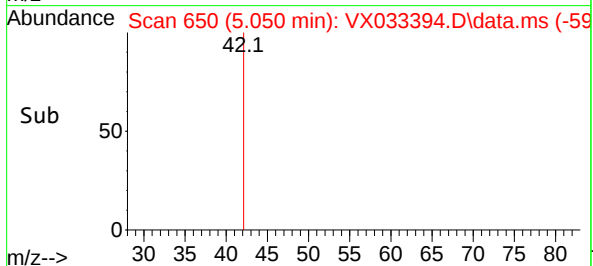
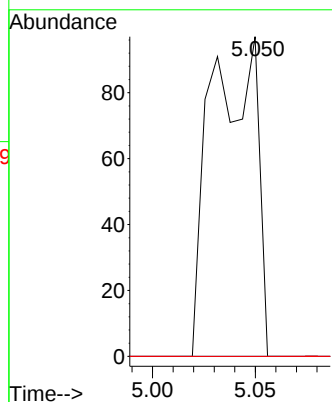
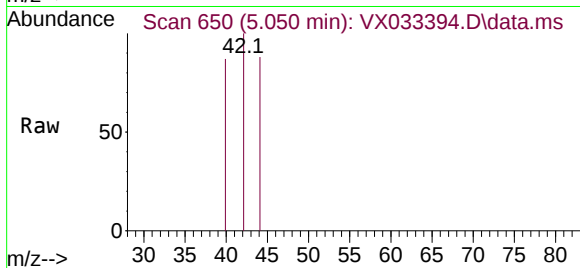
Tgt Ion: 42 Resp: 150

Ion Ratio Lower Upper

42 100

72 0.0 37.6 56.4#

71 0.0 34.7 52.1#



#31

Cyclohexane

Concen: 1.173 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX033394.D

Acq: 13 Dec 2022 15:54

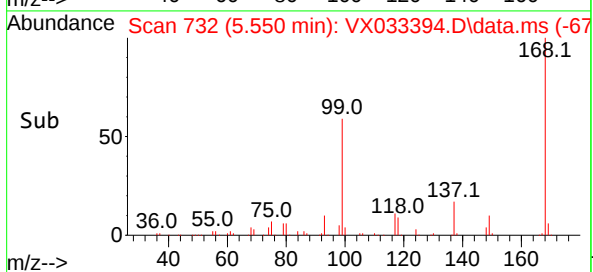
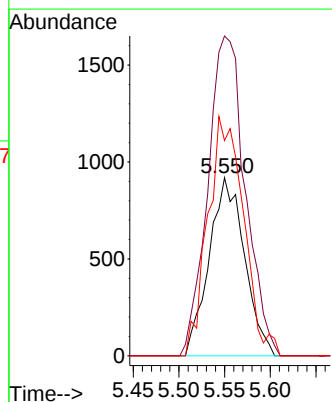
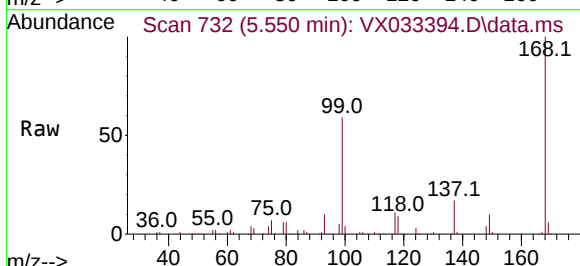
Tgt Ion: 56 Resp: 2471

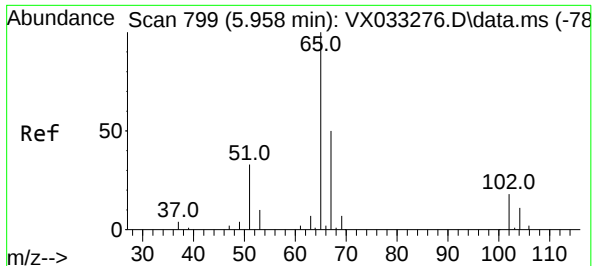
Ion Ratio Lower Upper

56 100

69 179.5 24.1 36.1#

84 120.8 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 49.742 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033394.D

Acq: 13 Dec 2022 15:54

Instrument :

MSVOA_X

ClientSampleId :

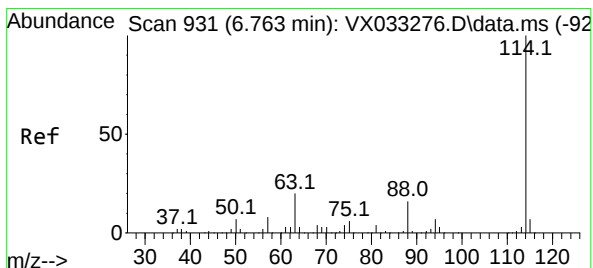
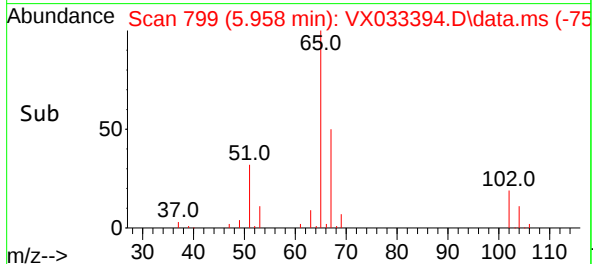
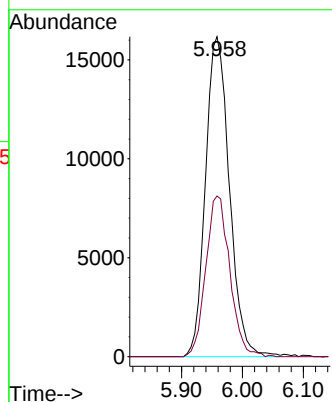
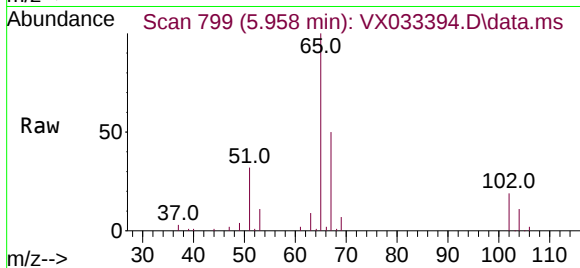
EB-01

Tgt Ion: 65 Resp: 44075

Ion Ratio Lower Upper

65 100

67 50.4 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: VX033394.D

Acq: 13 Dec 2022 15:54

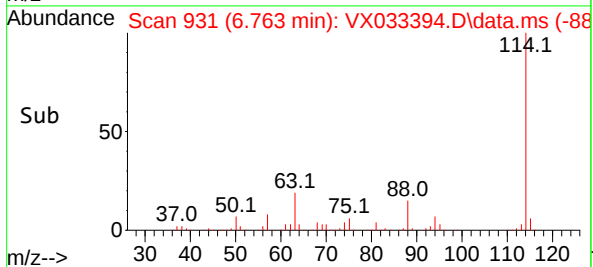
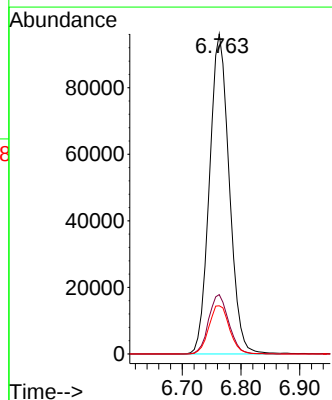
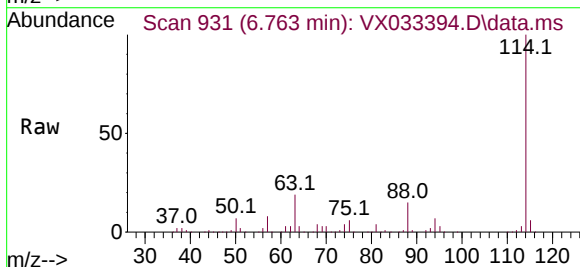
Tgt Ion: 114 Resp: 224824

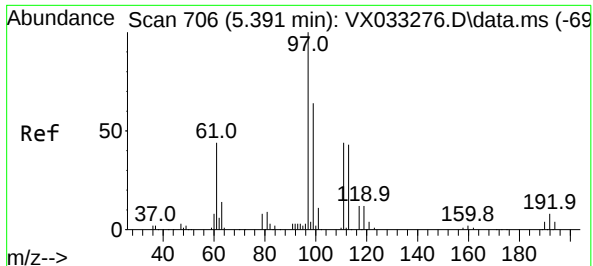
Ion Ratio Lower Upper

114 100

63 18.5 0.0 41.6

88 15.1 0.0 33.4

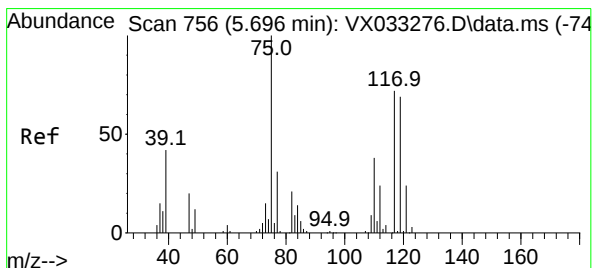
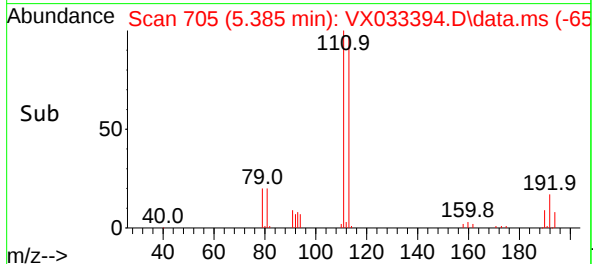
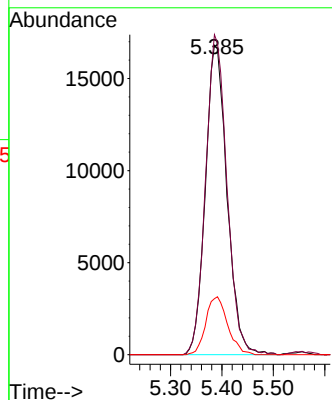
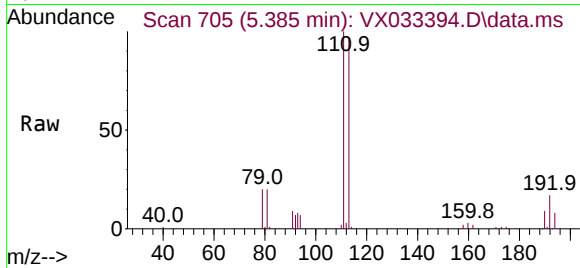




#35
Dibromofluoromethane
Concen: 48.646 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX033394.D
Acq: 13 Dec 2022 15:54

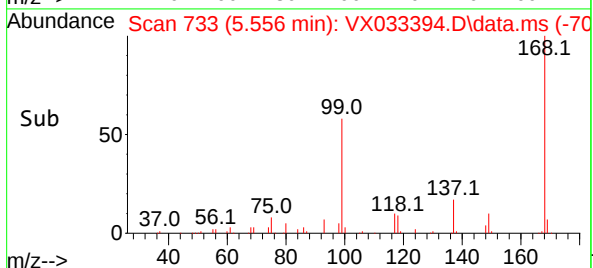
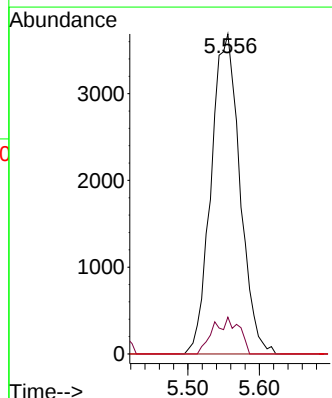
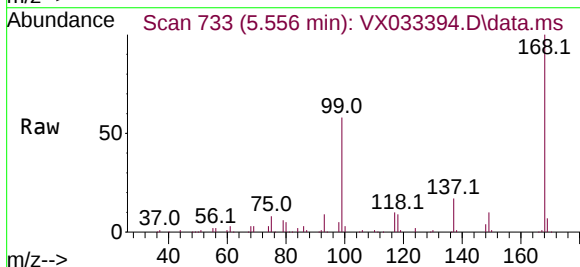
Instrument :
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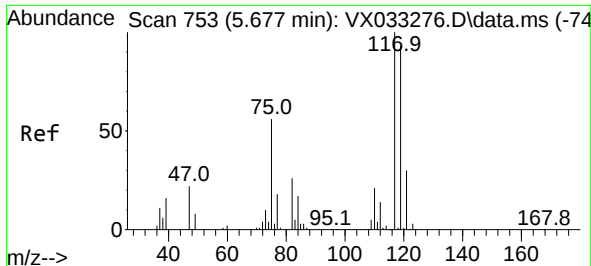
Tgt Ion:113 Resp: 49192
Ion Ratio Lower Upper
113 100
111 102.2 82.4 123.6
192 18.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 5.229 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX033394.D
Acq: 13 Dec 2022 15:54

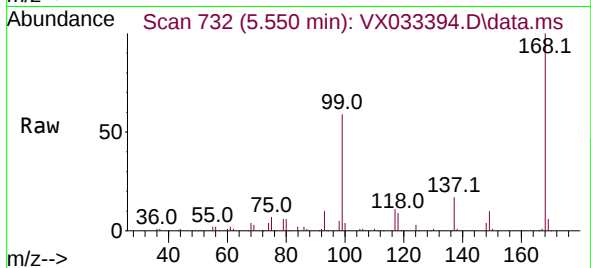
Tgt Ion: 75 Resp: 10310
Ion Ratio Lower Upper
75 100
110 10.3 18.4 55.2#
77 0.0 24.5 36.7#



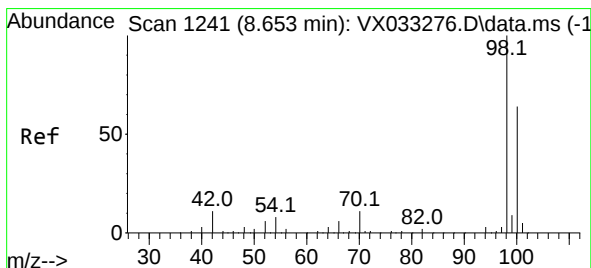
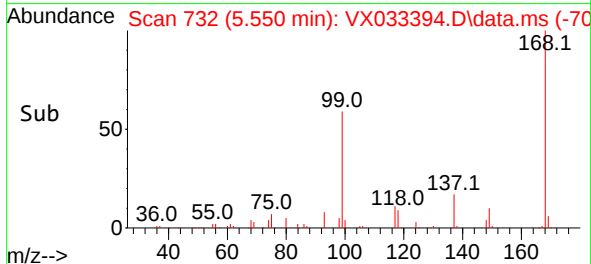
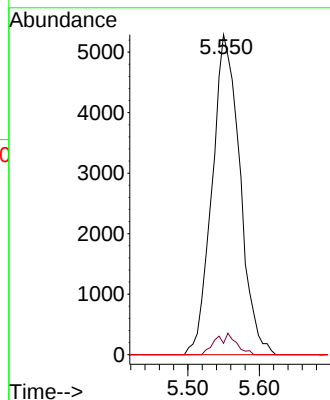


#38
Carbon Tetrachloride
Concen: 6.458 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033394.D
Acq: 13 Dec 2022 15:54

Instrument :
MSVOA_X
ClientSampleId :
EB-01

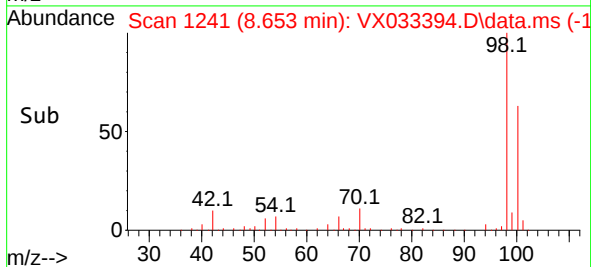
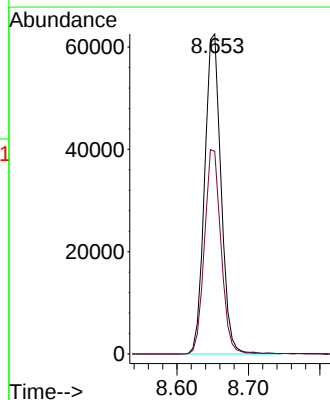
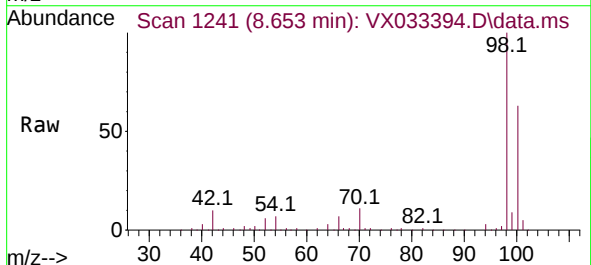


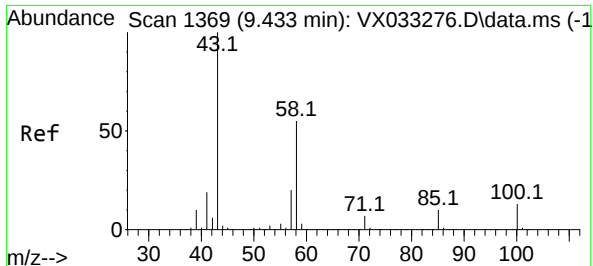
Tgt Ion:117 Resp: 14266
Ion Ratio Lower Upper
117 100
119 3.5 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 47.138 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX033394.D
Acq: 13 Dec 2022 15:54

Tgt Ion: 98 Resp: 99716
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3

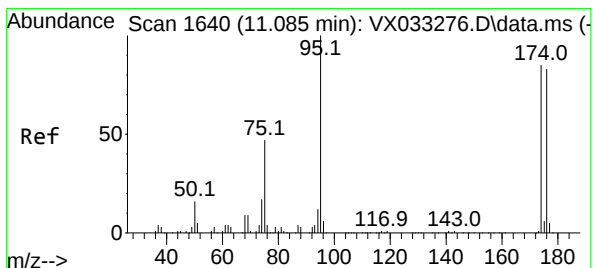
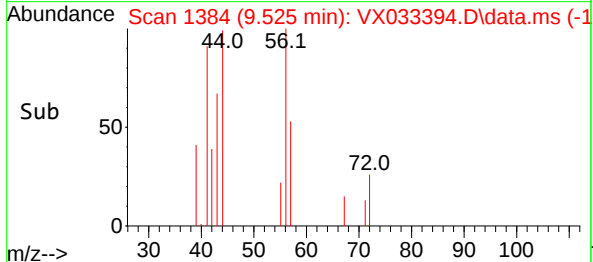
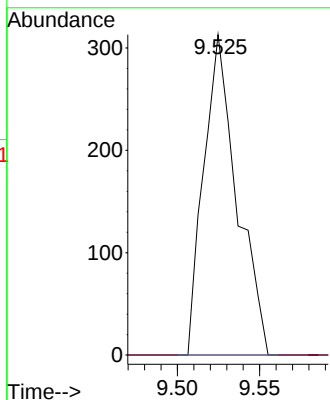
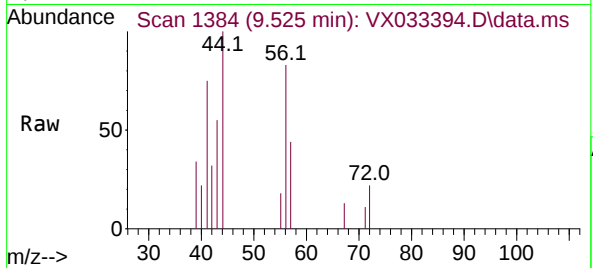




#59
2-Hexanone
Concen: 0.314 ug/l
RT: 9.525 min Scan# 11
Delta R.T. 0.092 min
Lab File: VX033394.D
Acq: 13 Dec 2022 15:54

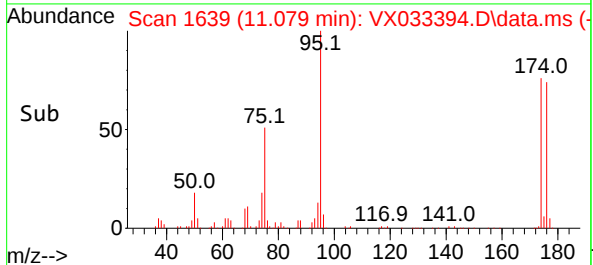
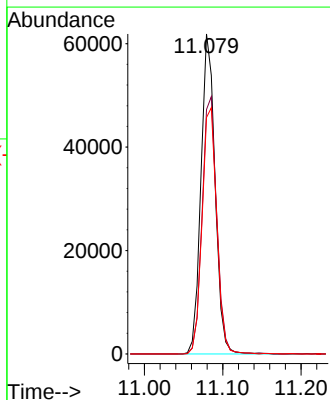
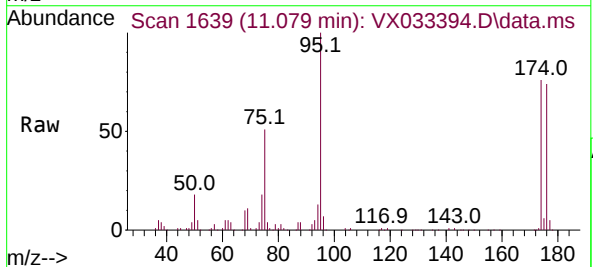
Instrument :
MSVOA_X
ClientSampleId :
EB-01

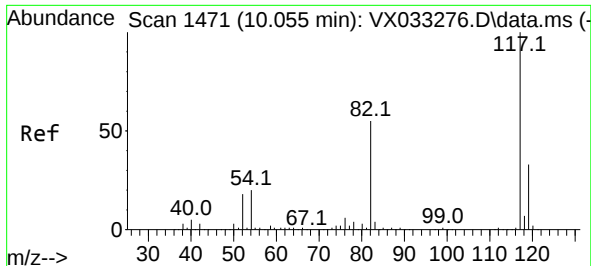
Tgt Ion: 43 Resp: 439
Ion Ratio Lower Upper
43 100
58 0.0 26.5 79.5#



#62
4-Bromofluorobenzene
Concen: 47.791 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033394.D
Acq: 13 Dec 2022 15:54

Tgt Ion: 95 Resp: 77301
Ion Ratio Lower Upper
95 100
174 83.1 0.0 164.0
176 80.4 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: VX033394.D

Acq: 13 Dec 2022 15:54

Instrument :

MSVOA_X

ClientSampleId :

EB-01

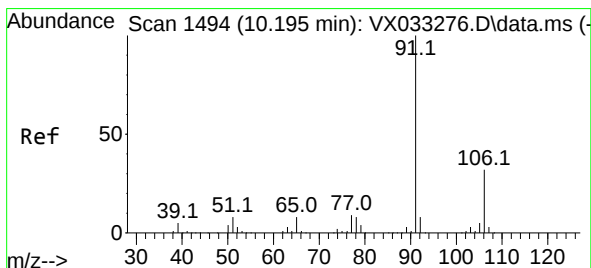
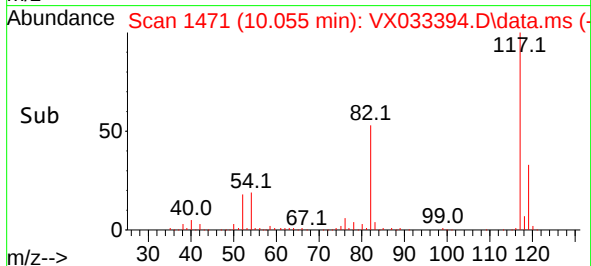
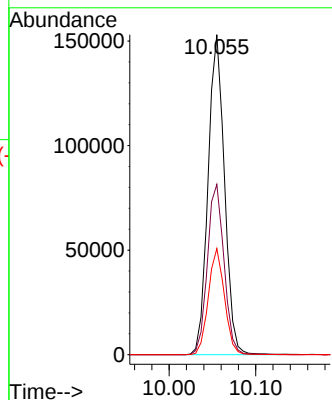
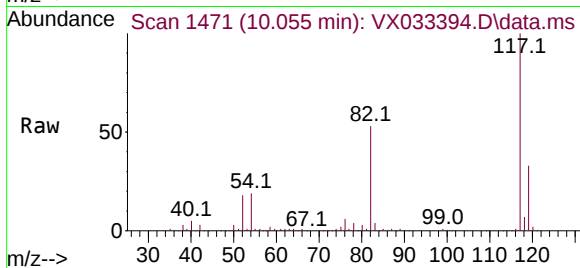
Tgt Ion:117 Resp: 201298

Ion Ratio Lower Upper

117 100

82 53.2 44.3 66.5

119 33.2 25.7 38.5



#67

Ethyl Benzene

Concen: 0.465 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX033394.D

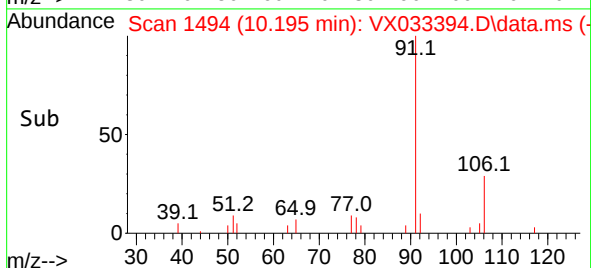
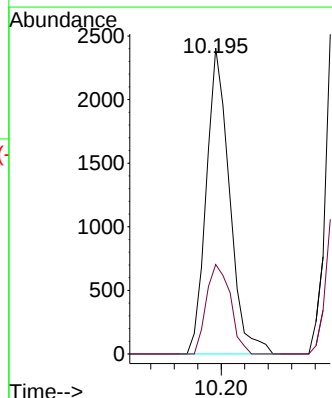
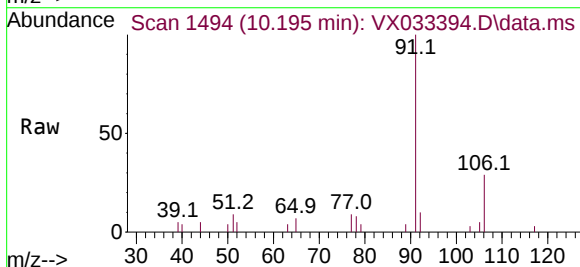
Acq: 13 Dec 2022 15:54

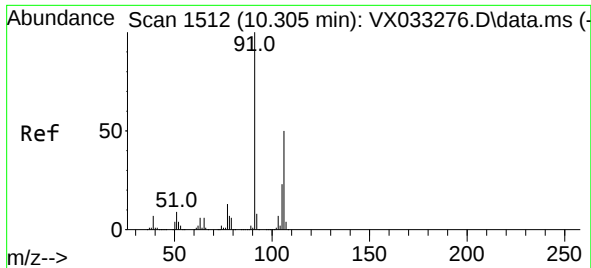
Tgt Ion: 91 Resp: 3300

Ion Ratio Lower Upper

91 100

106 29.3 25.0 37.6

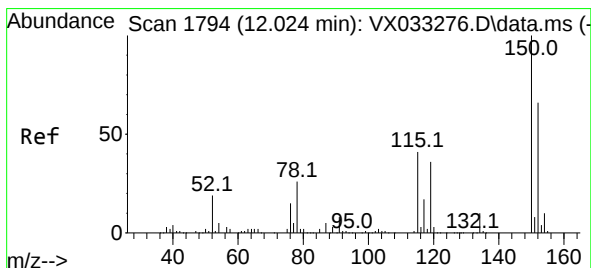
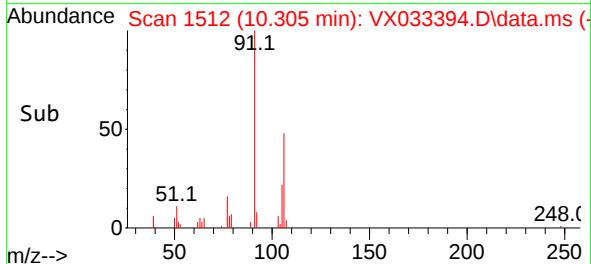
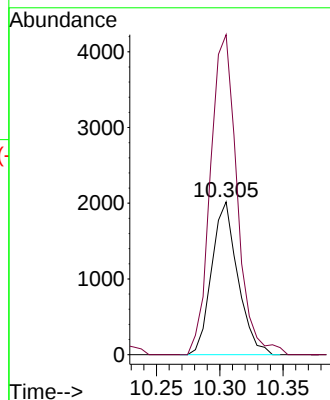
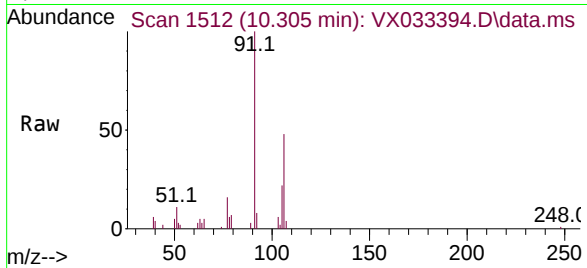




#68
m/p-Xylenes
Concen: 1.047 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033394.D
Acq: 13 Dec 2022 15:54

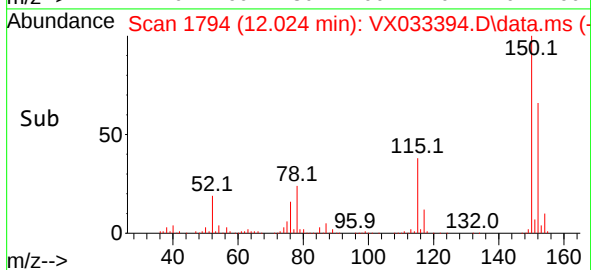
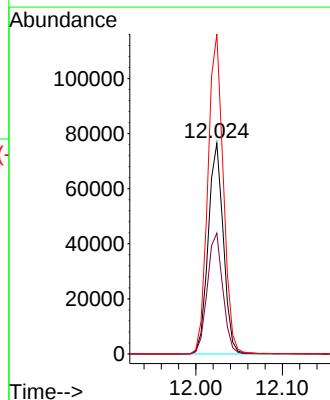
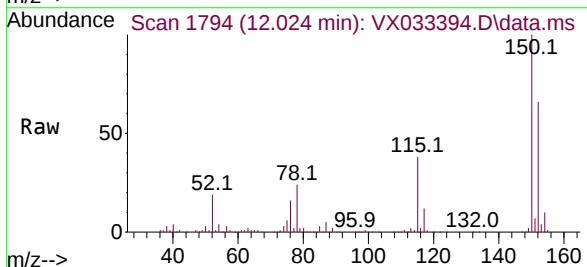
Instrument :
MSVOA_X
ClientSampleId :
EB-01

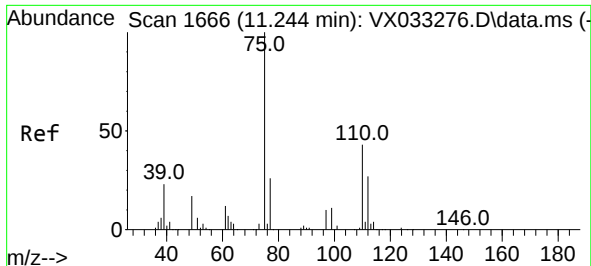
Tgt Ion:106 Resp: 2894
Ion Ratio Lower Upper
106 100
91 213.6 164.5 246.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033394.D
Acq: 13 Dec 2022 15:54

Tgt Ion:152 Resp: 92886
Ion Ratio Lower Upper
152 100
115 58.8 44.0 132.0
150 154.7 0.0 351.8

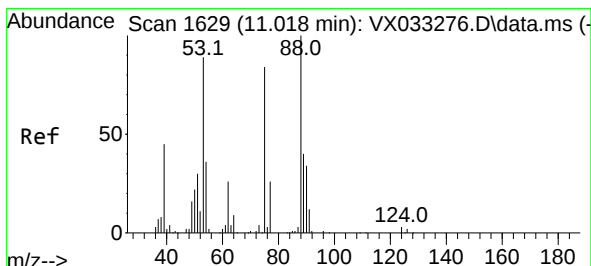
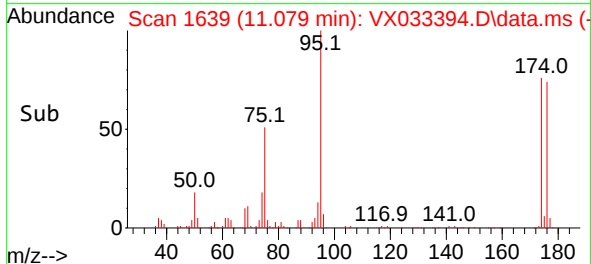
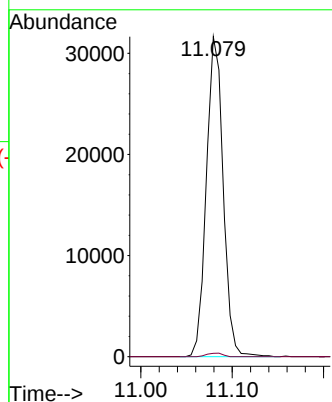
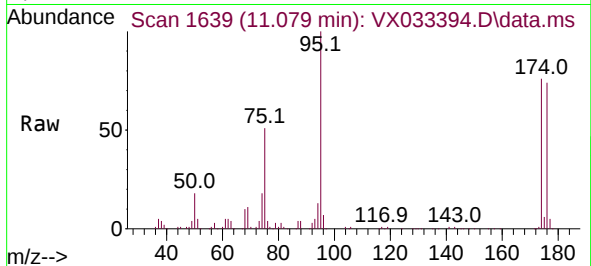




#76
1,2,3-Trichloropropane
Concen: 21.300 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033394.D
Acq: 13 Dec 2022 15:54

Instrument :
MSVOA_X
ClientSampleId :
EB-01

Tgt Ion: 75 Resp: 40252
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.257 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033394.D
Acq: 13 Dec 2022 15:54

Tgt Ion: 75 Resp: 40252
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

