

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050323\
 Data File : VX035505.D
 Acq On : 03 May 2023 13:28
 Operator : JC/MD
 Sample : 02569-01
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-339

Quant Time: May 03 15:19:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

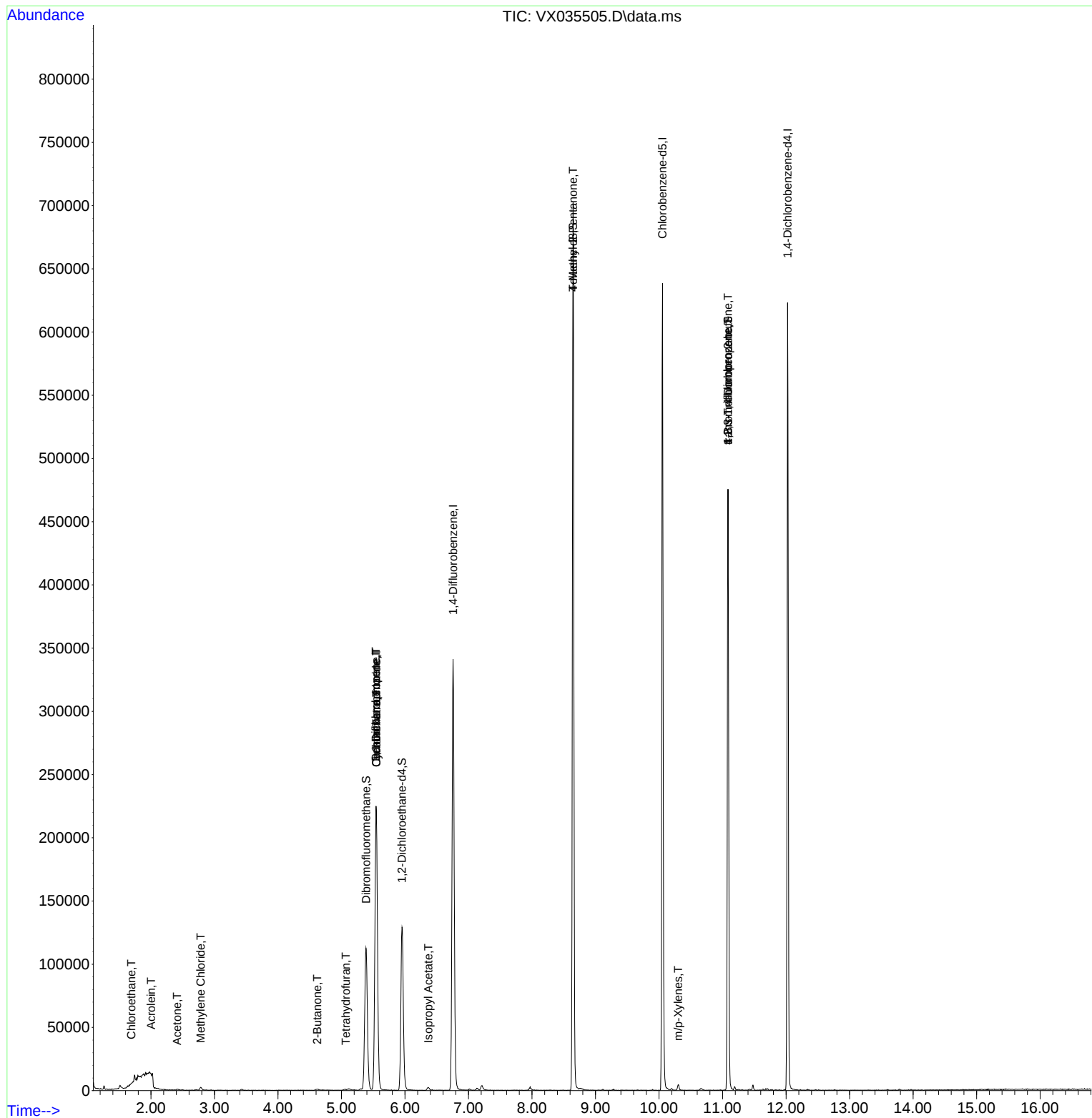
Internal Standards						
1) Pentafluorobenzene	5.544	168	222922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	358507	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	313953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	129287	48.072	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.140%
35) Dibromofluoromethane	5.385	113	101364	46.066	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.140%
50) Toluene-d8	8.647	98	419679	50.560	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.120%
62) 4-Bromofluorobenzene	11.085	95	150781	48.288	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.580%
Target Compounds						
					Qvalue	
6) Chloroethane	1.691	64	837	0.665	ug/l #	42
13) Acrolein	2.001	56	226	0.469	ug/l	92
16) Acetone	2.410	43	1122	0.961	ug/l #	81
20) Methylene Chloride	2.782	84	1623	0.606	ug/l	85
25) 2-Butanone	4.617	43	2084	1.222	ug/l #	89
29) Tetrahydrofuran	5.068	42	915	0.837	ug/l #	77
31) Cyclohexane	5.550	56	3989	1.046	ug/l #	15
36) 1,1-Dichloropropene	5.544	75	15457	4.499	ug/l #	51
38) Carbon Tetrachloride	5.550	117	22188	6.803	ug/l #	16
43) Isopropyl Acetate	6.367	43	1132	0.215	ug/l #	62
51) 4-Methyl-2-Pentanone	8.647	43	1725	0.532	ug/l #	1
68) m/p-Xylenes	10.299	106	1378	0.306	ug/l	87
76) 1,2,3-Trichloropropane	11.085	75	72838	25.874	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.085	75	72838	83.800	ug/l #	8

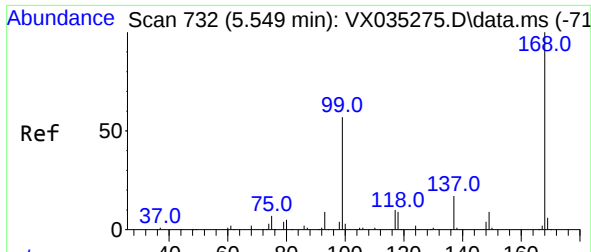
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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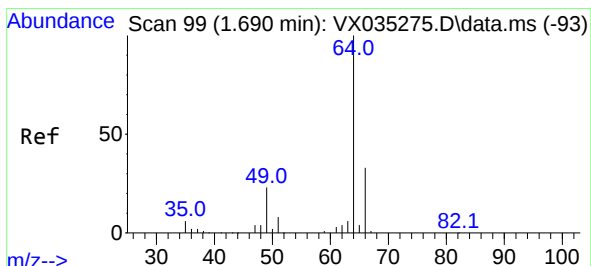
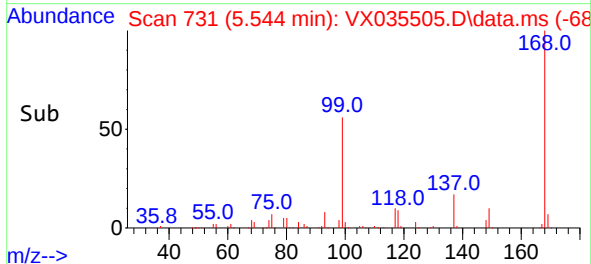
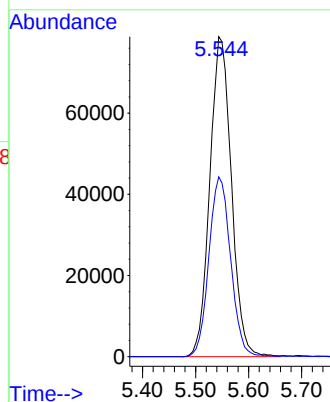
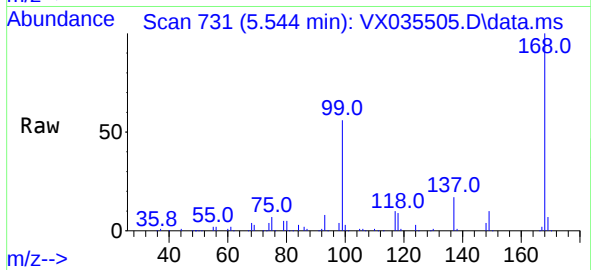




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.005 min
Lab File: VX035505.D
Acq: 03 May 2023 13:28

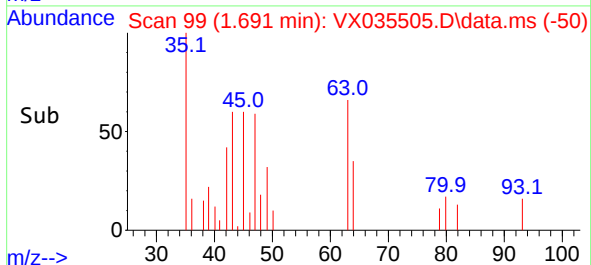
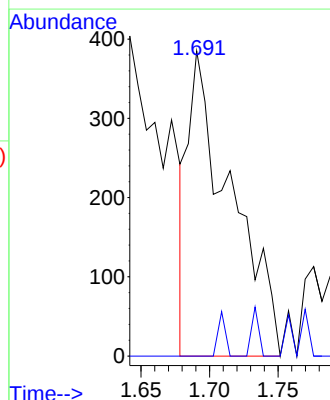
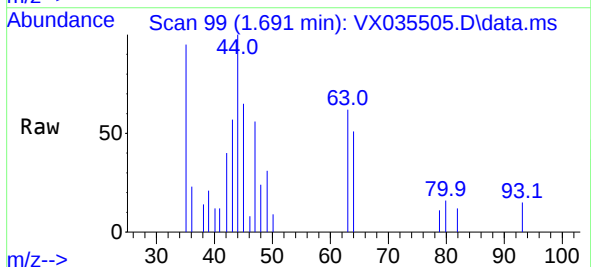
Instrument :
MSVOA_X
ClientSampleId :
ETGI-339

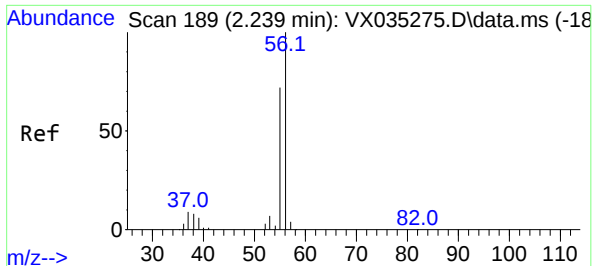
Tgt Ion:168 Resp: 222922
Ion Ratio Lower Upper
168 100
99 56.2 45.7 68.5



#6
Chloroethane
Concen: 0.665 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX035505.D
Acq: 03 May 2023 13:28

Tgt Ion: 64 Resp: 837
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#

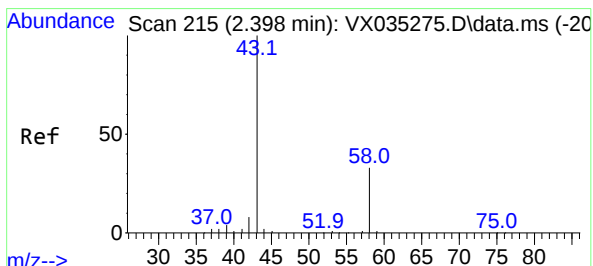
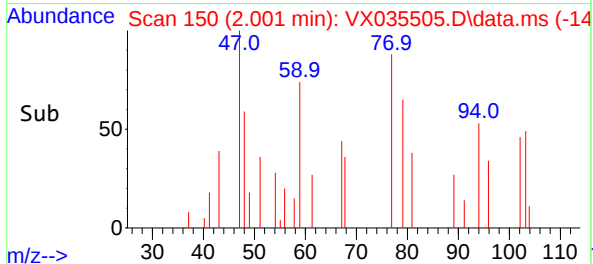
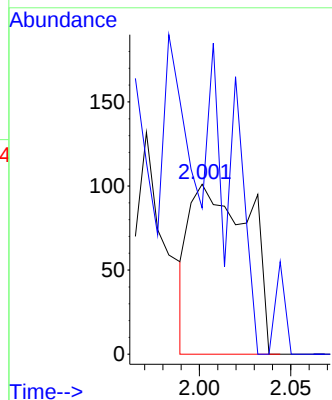
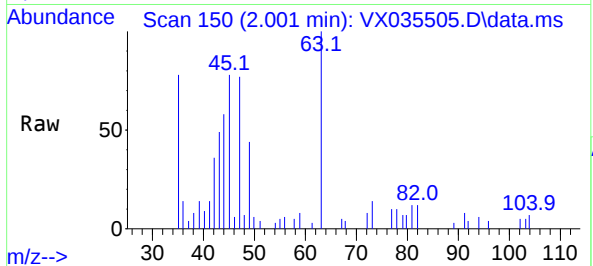




#13
Acrolein
Concen: 0.469 ug/l
RT: 2.001 min Scan# 11
Delta R.T. -0.238 min
Lab File: VX035505.D
Acq: 03 May 2023 13:28

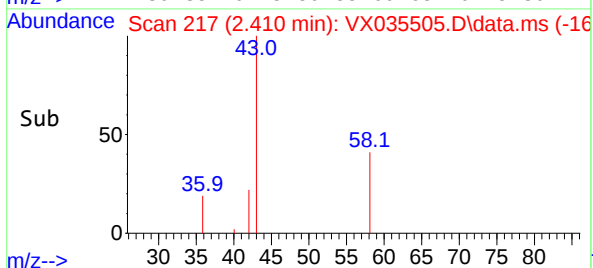
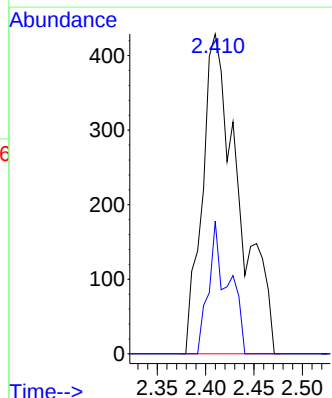
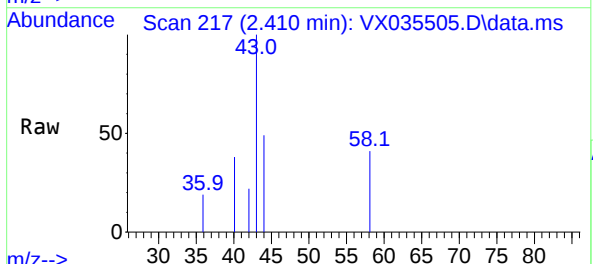
Instrument :
MSVOA_X
ClientSampleId :
ETGI-339

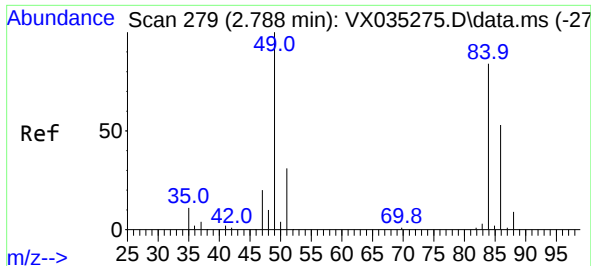
Tgt Ion: 56 Resp: 226
Ion Ratio Lower Upper
56 100
55 77.4 56.6 85.0



#16
Acetone
Concen: 0.961 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.012 min
Lab File: VX035505.D
Acq: 03 May 2023 13:28

Tgt Ion: 43 Resp: 1122
Ion Ratio Lower Upper
43 100
58 41.5 24.7 37.1#



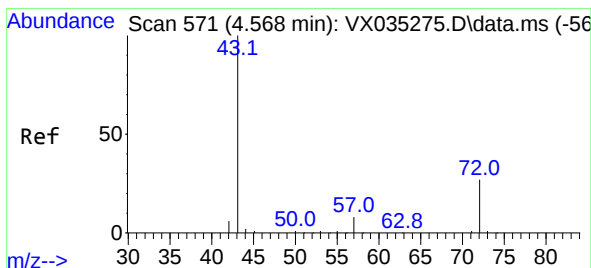
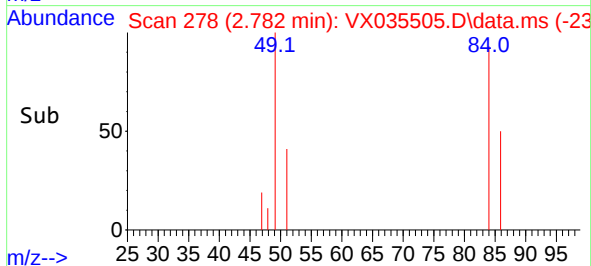
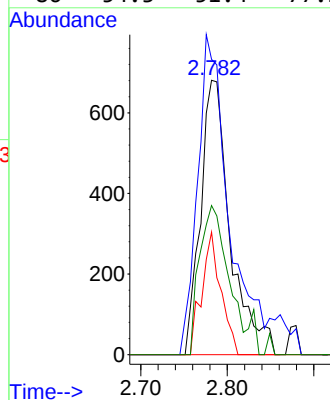
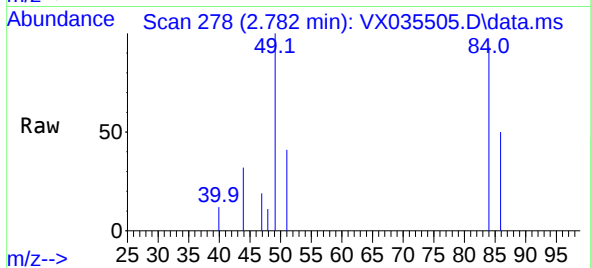


#20
Methylene Chloride
Concen: 0.606 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX035505.D
Acq: 03 May 2023 13:28

Instrument :
MSVOA_X
ClientSampleId :
ETGI-339

Tgt Ion: 84 Resp: 1623

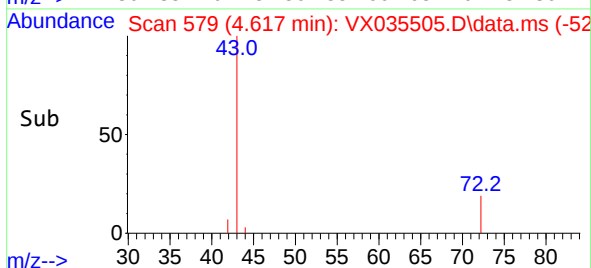
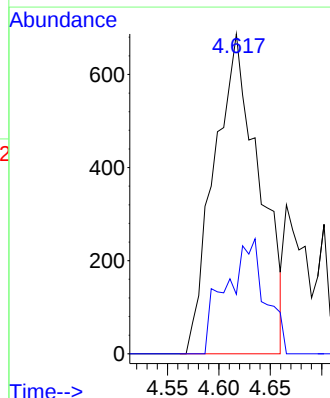
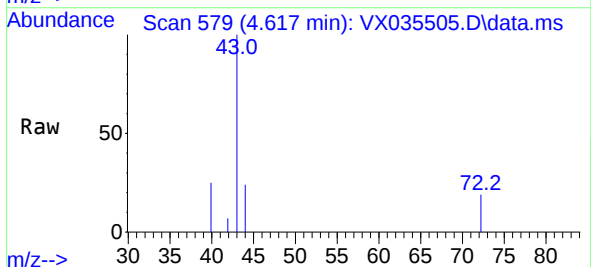
Ion	Ratio	Lower	Upper
84	100		
49	107.6	103.8	155.8
51	44.6	31.8	47.8
86	54.3	51.4	77.2

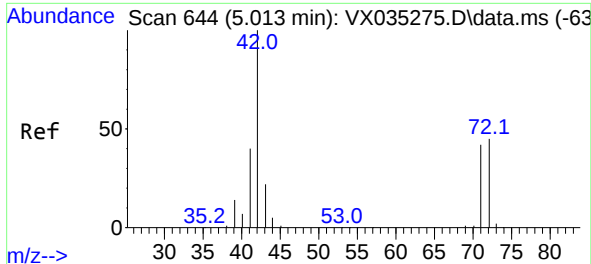


#25
2-Butanone
Concen: 1.222 ug/l
RT: 4.617 min Scan# 579
Delta R.T. 0.049 min
Lab File: VX035505.D
Acq: 03 May 2023 13:28

Tgt Ion: 43 Resp: 2084

Ion	Ratio	Lower	Upper
43	100		
72	18.6	19.3	28.9#





#29

Tetrahydrofuran

Concen: 0.837 ug/l

RT: 5.068 min Scan# 61

Delta R.T. 0.055 min

Lab File: VX035505.D

Acq: 03 May 2023 13:28

Instrument :

MSVOA_X

ClientSampleId :

ETGI-339

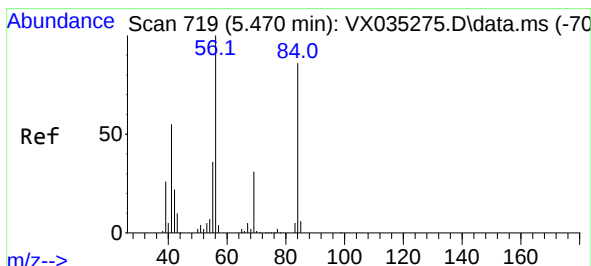
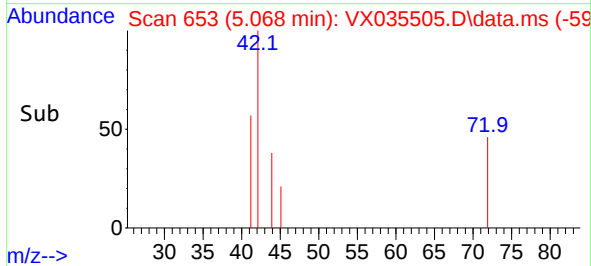
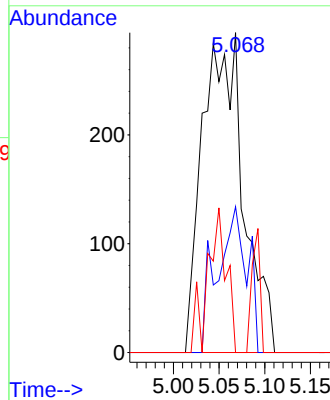
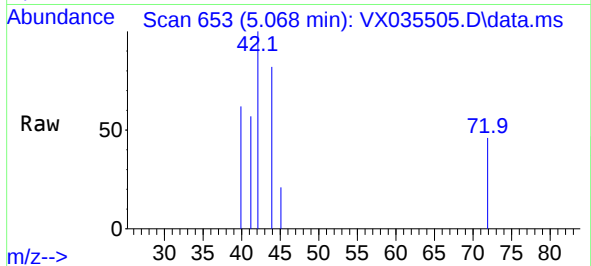
Tgt Ion: 42 Resp: 915

Ion Ratio Lower Upper

42 100

72 33.1 34.5 51.7#

71 20.8 32.1 48.1#



#31

Cyclohexane

Concen: 1.046 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX035505.D

Acq: 03 May 2023 13:28

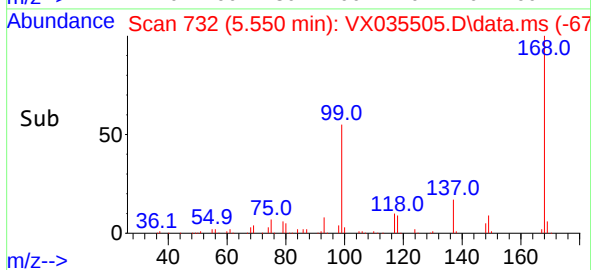
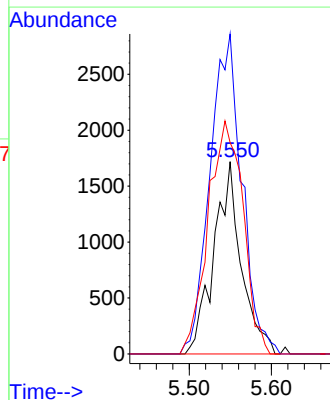
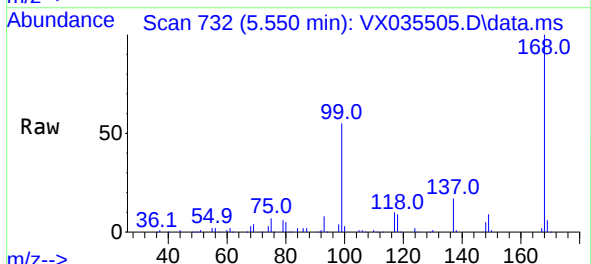
Tgt Ion: 56 Resp: 3989

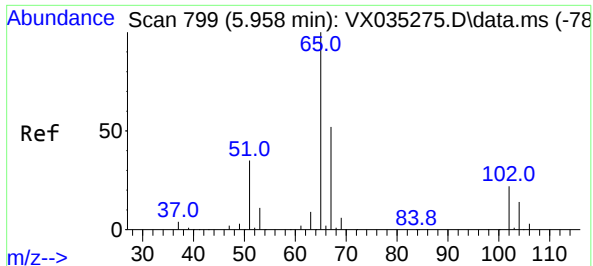
Ion Ratio Lower Upper

56 100

69 166.4 23.7 35.5#

84 109.9 68.5 102.7#

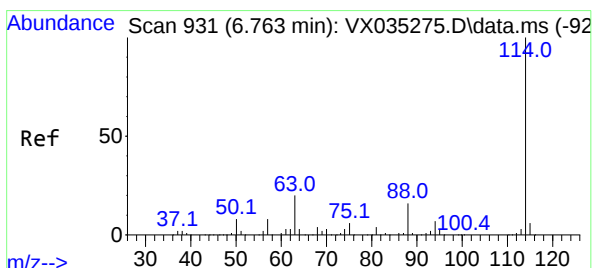
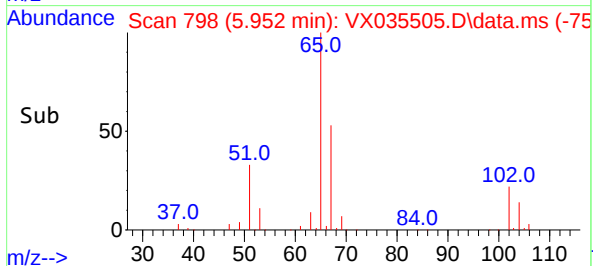
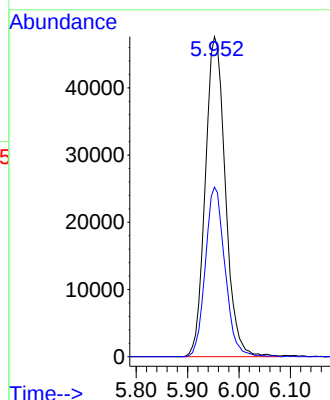
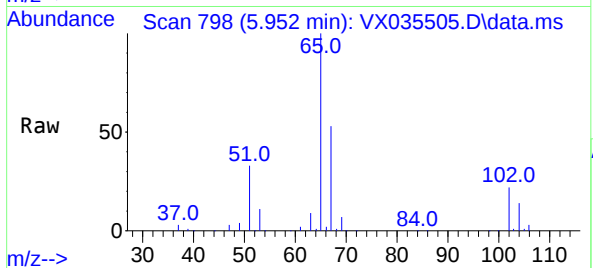




#33
1,2-Dichloroethane-d4
Concen: 48.072 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX035505.D
Acq: 03 May 2023 13:28

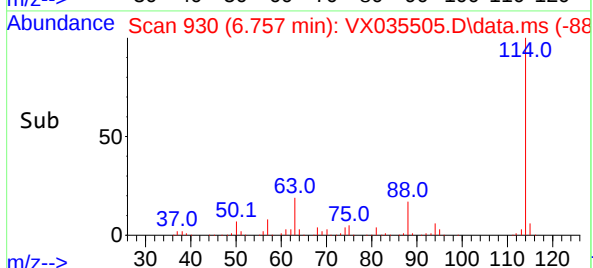
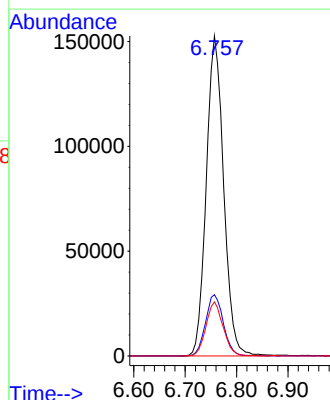
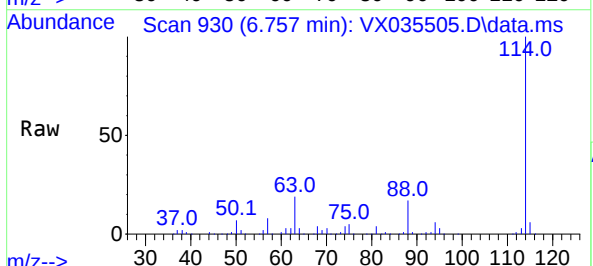
Instrument :
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ETGI-339

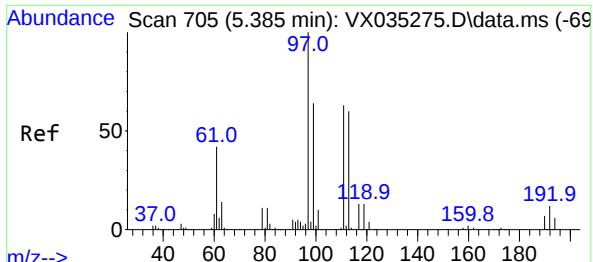
Tgt Ion: 65 Resp: 129287
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX035505.D
Acq: 03 May 2023 13:28

Tgt Ion: 114 Resp: 358507
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.2
88 16.9 0.0 33.2

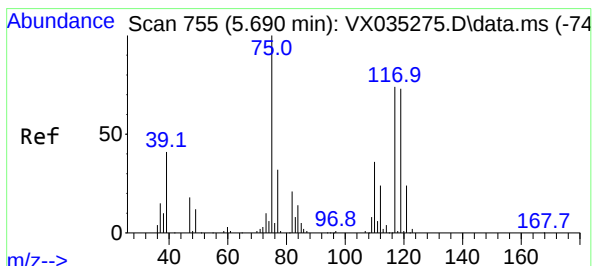
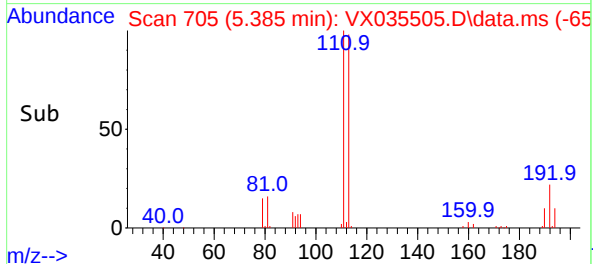
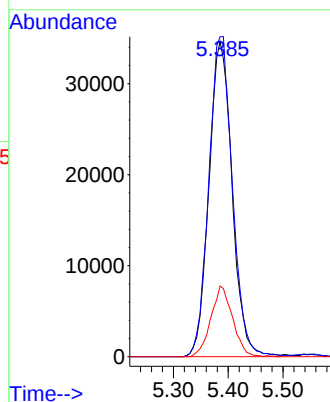
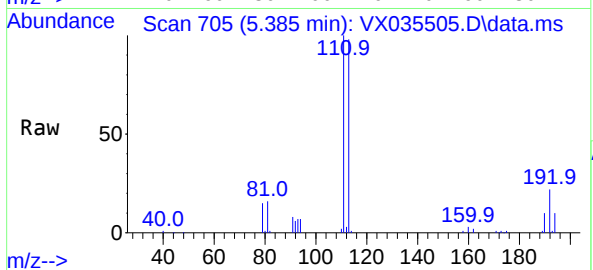




#35
Dibromofluoromethane
Concen: 46.066 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035505.D
Acq: 03 May 2023 13:28

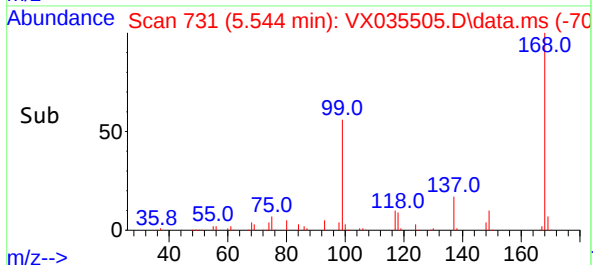
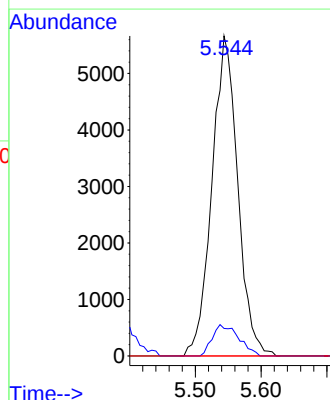
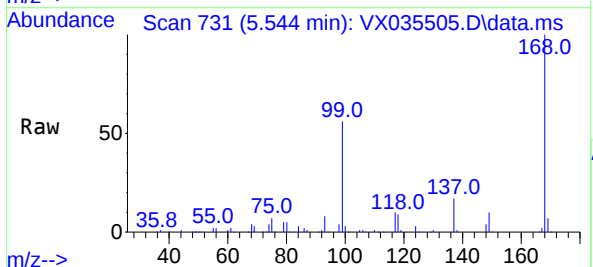
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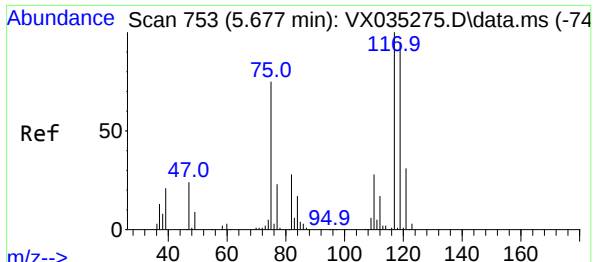
Tgt Ion:113 Resp: 101364
Ion Ratio Lower Upper
113 100
111 103.6 83.7 125.5
192 21.0 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.499 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX035505.D
Acq: 03 May 2023 13:28

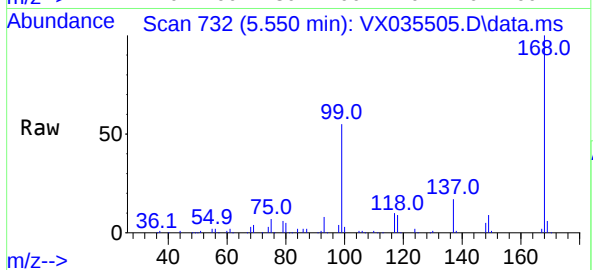
Tgt Ion: 75 Resp: 15457
Ion Ratio Lower Upper
75 100
110 10.0 17.5 52.5#
77 0.0 24.3 36.5#



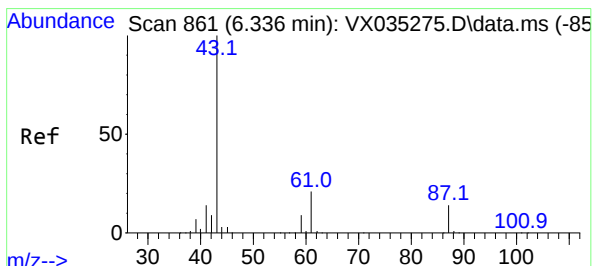
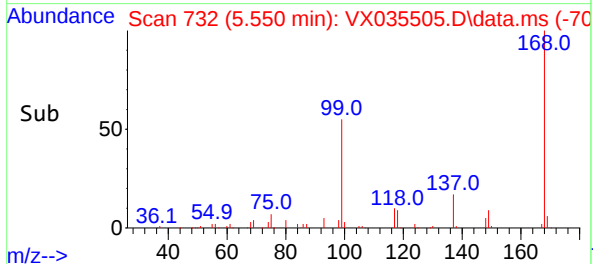
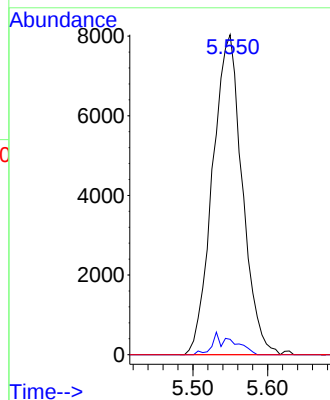


#38
Carbon Tetrachloride
Concen: 6.803 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX035505.D
Acq: 03 May 2023 13:28

Instrument :
MSVOA_X
ClientSampleId :
ETGI-339

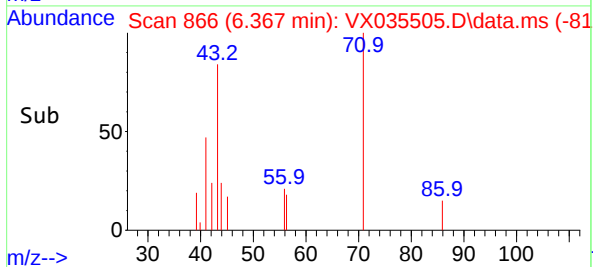
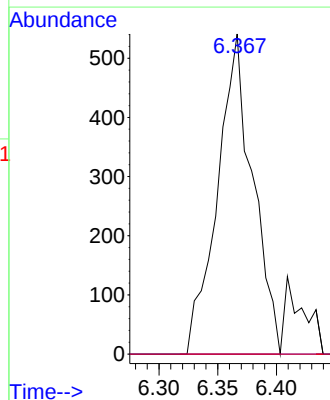
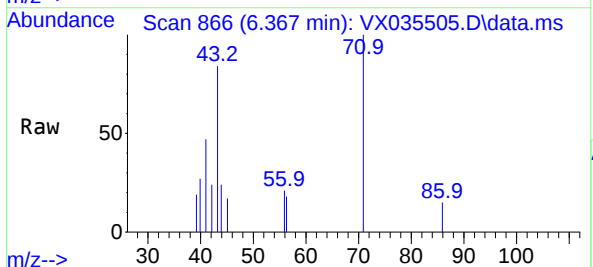


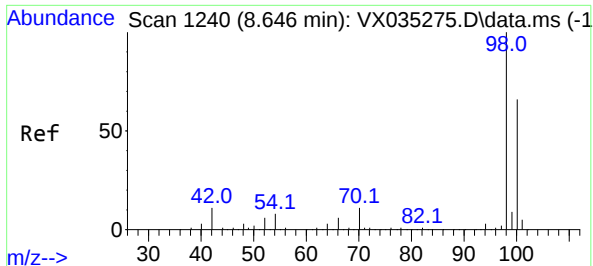
Tgt Ion:117 Resp: 22188
Ion Ratio Lower Upper
117 100
119 4.8 76.6 114.8#
121 0.0 23.8 35.6#



#43
Isopropyl Acetate
Concen: 0.215 ug/l
RT: 6.367 min Scan# 866
Delta R.T. 0.031 min
Lab File: VX035505.D
Acq: 03 May 2023 13:28

Tgt Ion: 43 Resp: 1132
Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8#
87 0.0 9.8 14.8#

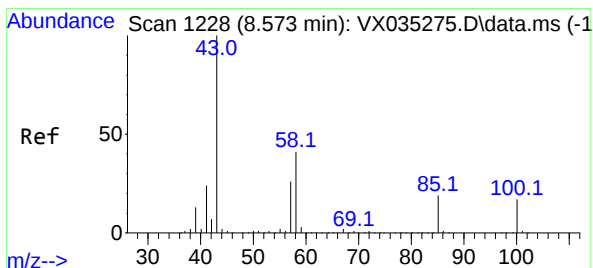
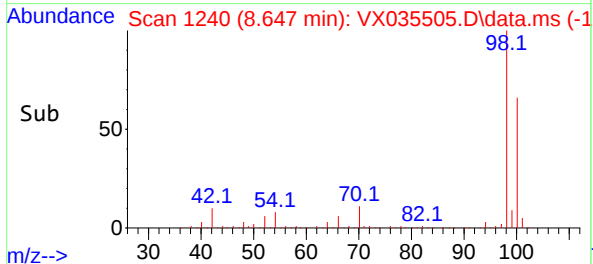
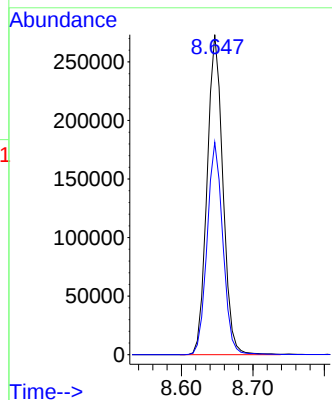
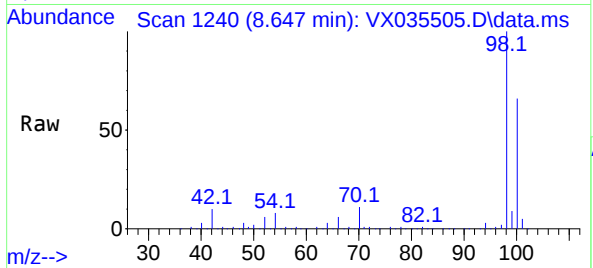




#50
Toluene-d8
Concen: 50.560 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX035505.D
Acq: 03 May 2023 13:28

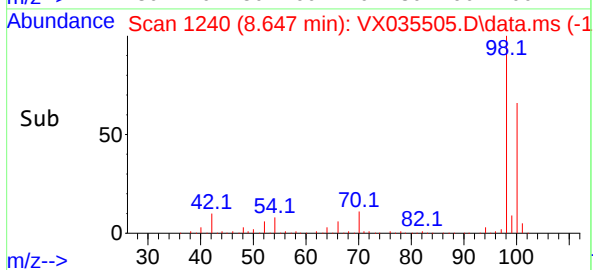
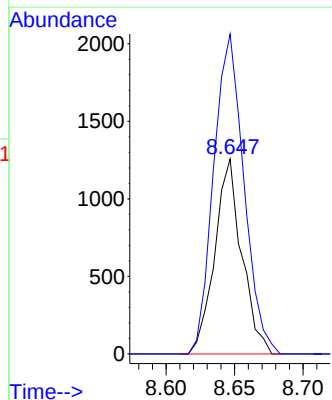
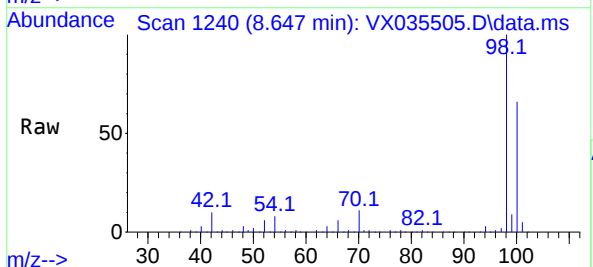
Instrument :
MSVOA_X
ClientSampleId :
ETGI-339

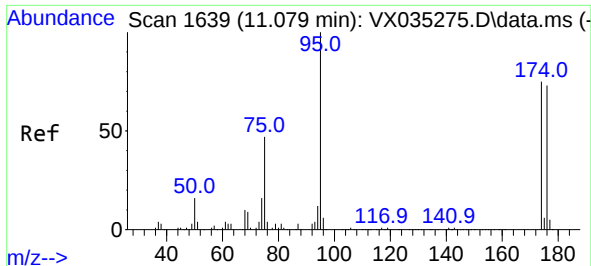
Tgt Ion: 98 Resp: 419679
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.532 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX035505.D
Acq: 03 May 2023 13:28

Tgt Ion: 43 Resp: 1725
Ion Ratio Lower Upper
43 100
58 183.5 30.6 46.0#

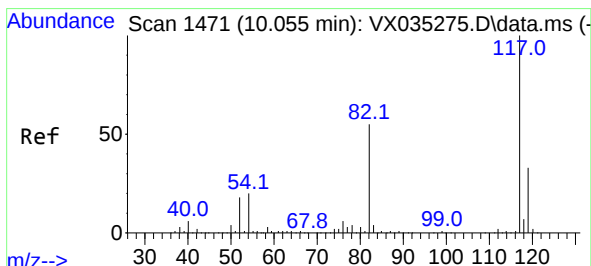
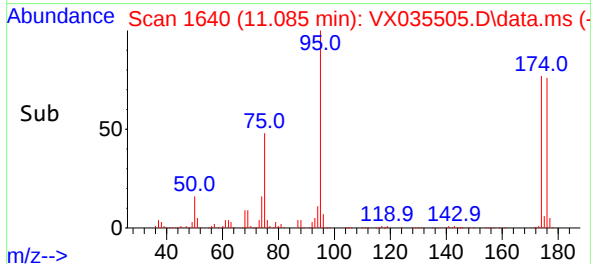
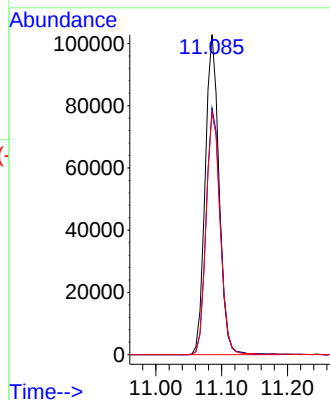
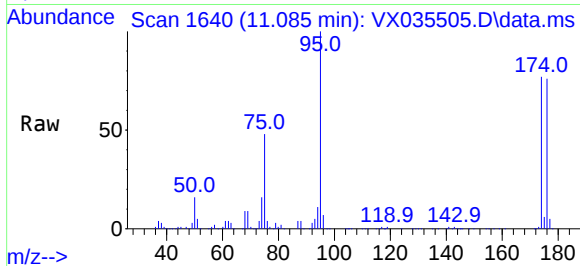




#62
4-Bromofluorobenzene
Concen: 48.288 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX035505.D
Acq: 03 May 2023 13:28

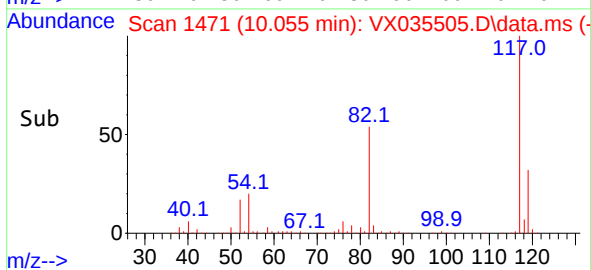
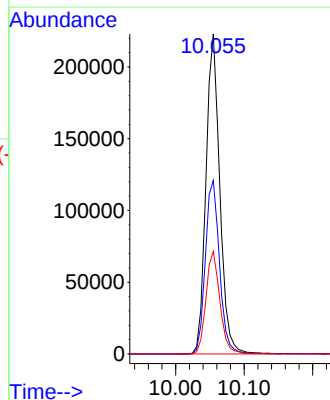
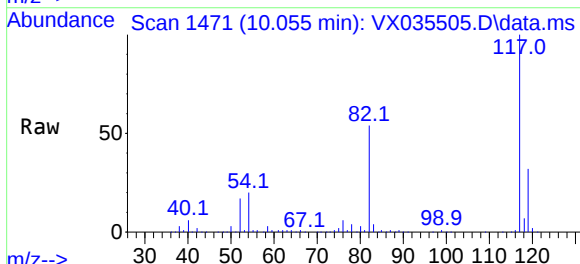
Instrument :
MSVOA_X
ClientSampleId :
ETGI-339

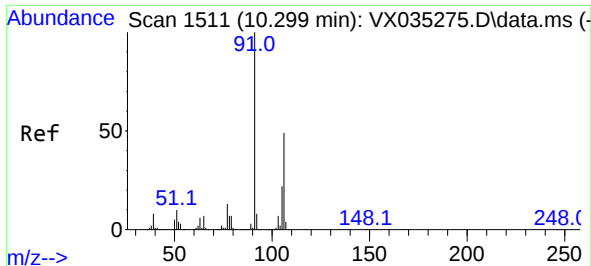
Tgt Ion: 95 Resp: 150781
Ion Ratio Lower Upper
95 100
174 78.2 0.0 147.4
176 76.8 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035505.D
Acq: 03 May 2023 13:28

Tgt Ion: 117 Resp: 313953
Ion Ratio Lower Upper
117 100
82 54.2 45.0 67.4
119 32.1 26.0 39.0

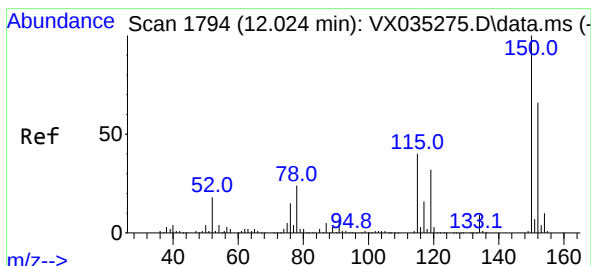
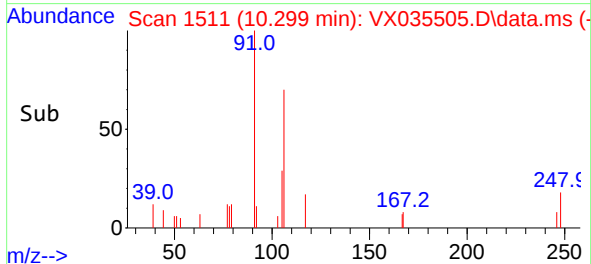
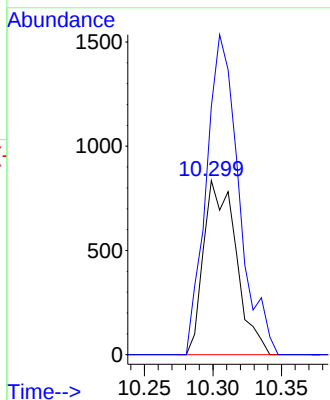
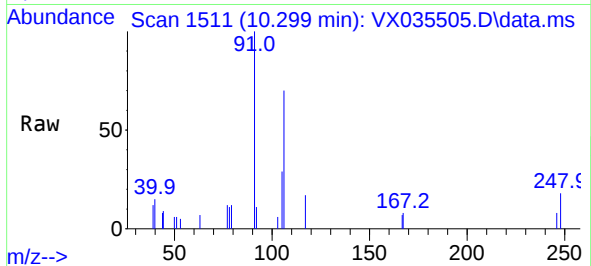




#68
m/p-Xylenes
Concen: 0.306 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035505.D
Acq: 03 May 2023 13:28

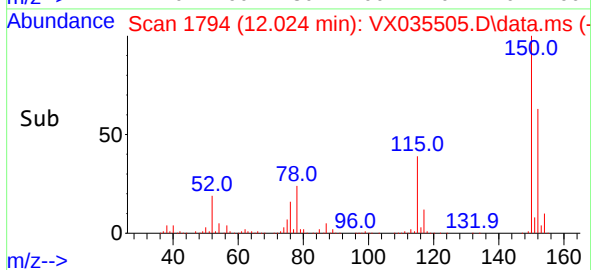
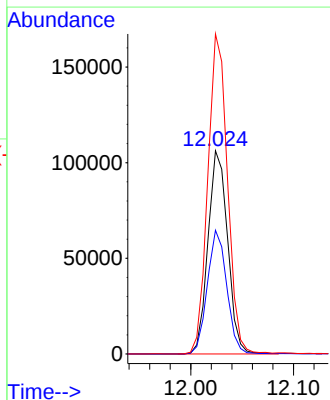
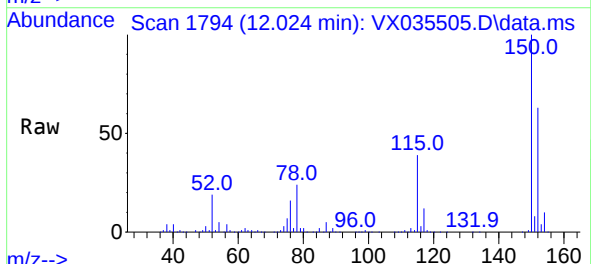
Instrument :
MSVOA_X
ClientSampleId :
ETGI-339

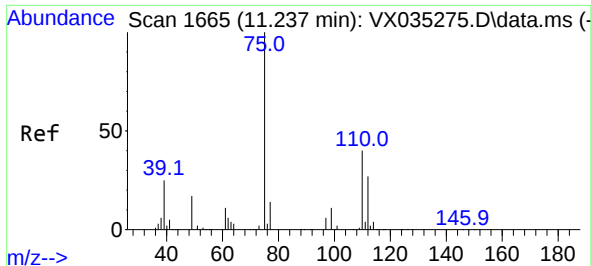
Tgt Ion:106 Resp: 1378
Ion Ratio Lower Upper
106 100
91 185.0 164.0 246.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035505.D
Acq: 03 May 2023 13:28

Tgt Ion:152 Resp: 141126
Ion Ratio Lower Upper
152 100
115 60.2 45.0 135.0
150 158.5 0.0 352.4

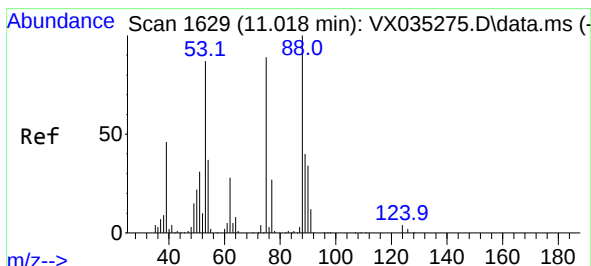
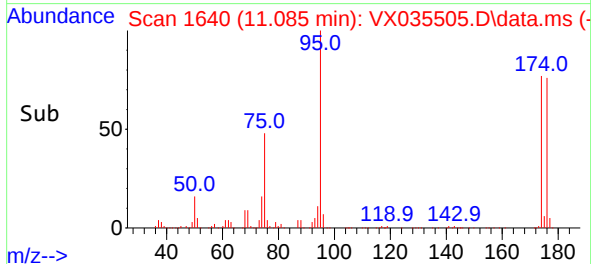
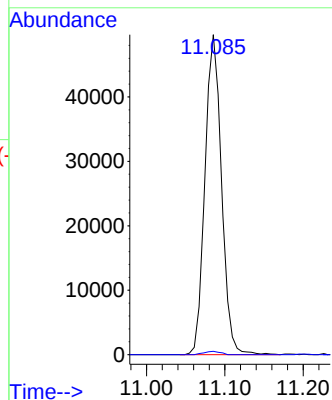
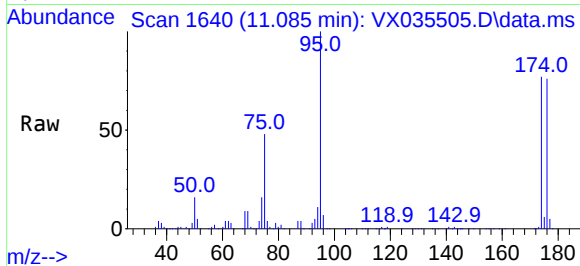




#76
1,2,3-Trichloropropane
Concen: 25.874 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.152 min
Lab File: VX035505.D
Acq: 03 May 2023 13:28

Instrument :
MSVOA_X
ClientSampleId :
ETGI-339

Tgt Ion: 75 Resp: 72838
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.800 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX035505.D
Acq: 03 May 2023 13:28

Tgt Ion: 75 Resp: 72838
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

