

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052125\
 Data File : VY022364.D
 Acq On : 21 May 2025 13:57
 Operator : SY/MD
 Sample : Q2097-09
 Misc : 5.71g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-290

Quant Time: May 22 00:09:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

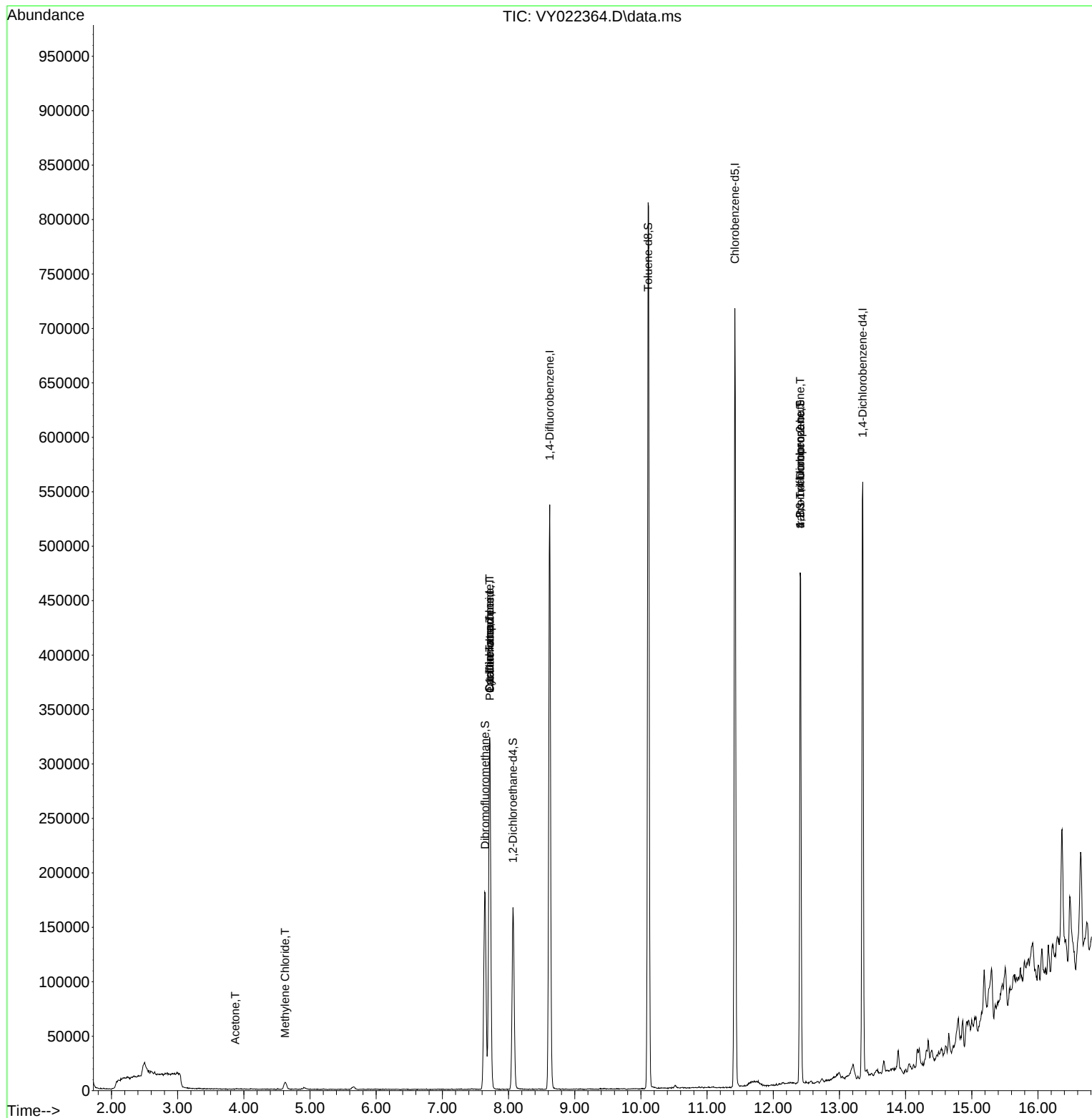
Internal Standards						
1) Pentafluorobenzene	7.719	168	245405	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.622	114	439222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	348402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	128978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	122914	45.828	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.660%		
35) Dibromofluoromethane	7.646	113	127620	48.681	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.360%		
50) Toluene-d8	10.109	98	526341	49.023	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.040%		
62) 4-Bromofluorobenzene	12.408	95	131557	38.657	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	77.320%		
Target Compounds					Qvalue	
16) Acetone	3.873	43	859	1.708	ug/l #	45
20) Methylene Chloride	4.622	84	4259	1.311	ug/l	90
31) Cyclohexane	7.713	56	6333	1.167	ug/l #	15
36) 1,1-Dichloropropene	7.713	75	20776	4.812	ug/l #	52
38) Carbon Tetrachloride	7.713	117	25525	5.711	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	77449	59.271	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	77449	120.069	ug/l #	12

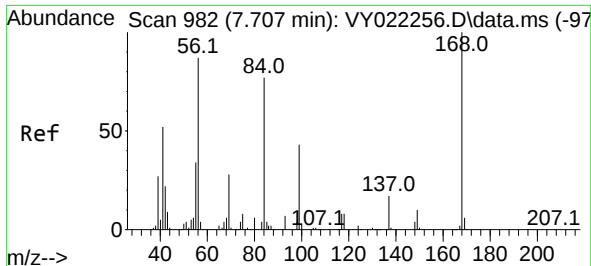
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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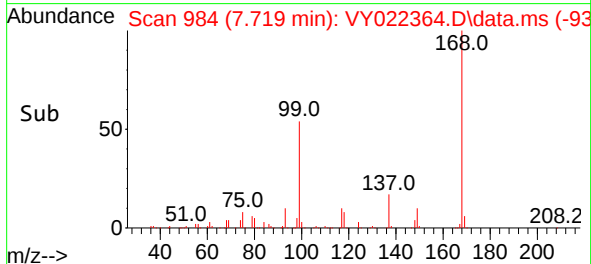
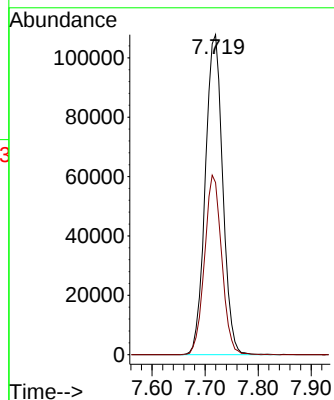
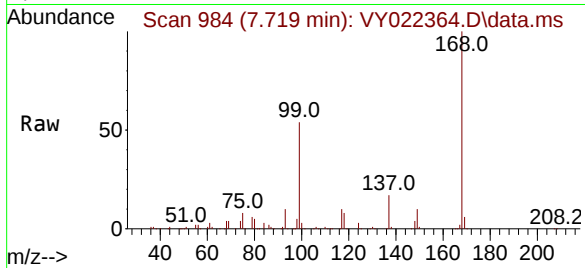




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.012 min
Lab File: VY022364.D
Acq: 21 May 2025 13:57

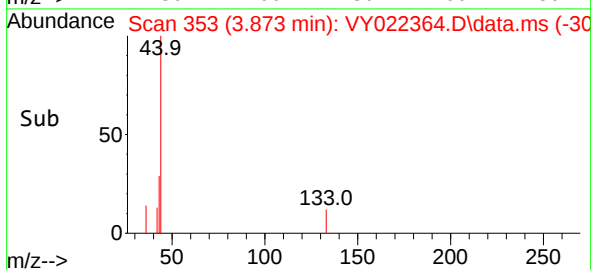
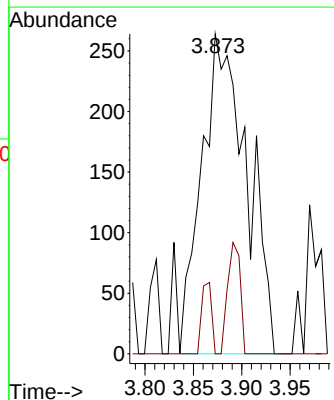
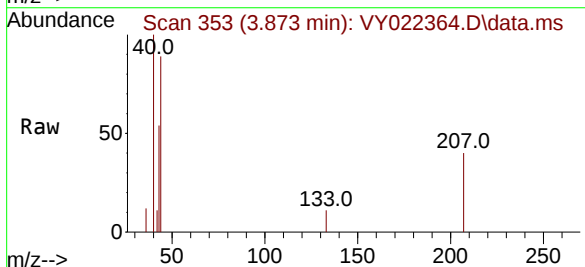
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-290

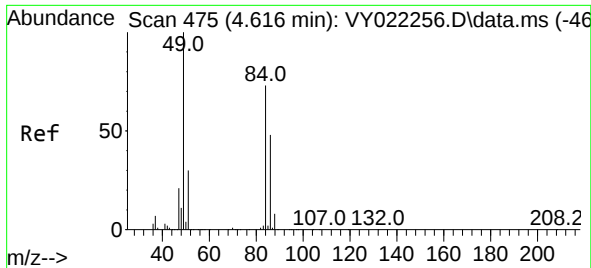
Tgt Ion:168 Resp: 245405
Ion Ratio Lower Upper
168 100
99 53.8 44.2 66.4



#16
Acetone
Concen: 1.708 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY022364.D
Acq: 21 May 2025 13:57

Tgt Ion: 43 Resp: 859
Ion Ratio Lower Upper
43 100
58 0.0 23.6 35.4#

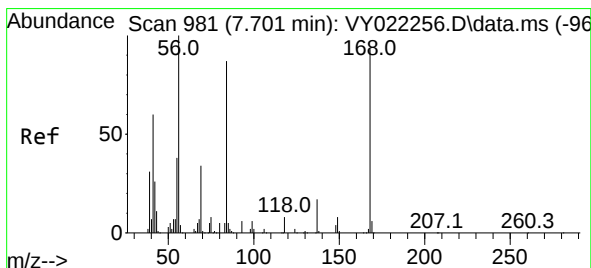
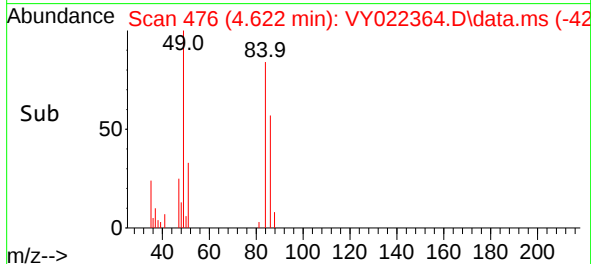
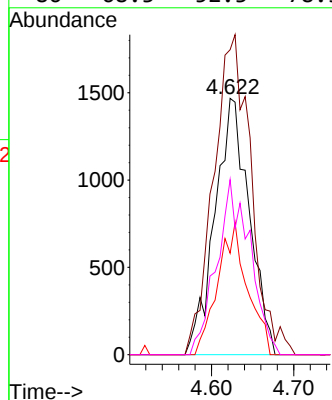
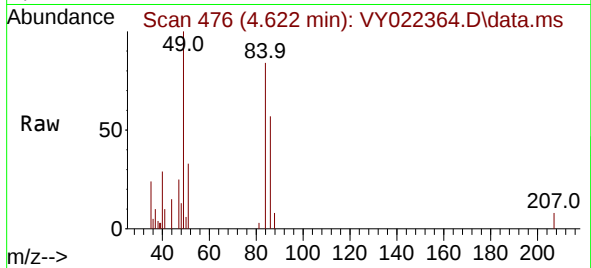




#20
Methylene Chloride
Concen: 1.311 ug/l
RT: 4.622 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY022364.D
Acq: 21 May 2025 13:57

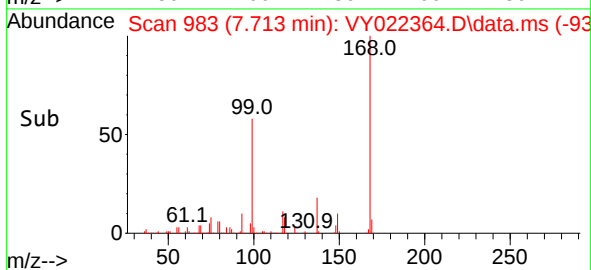
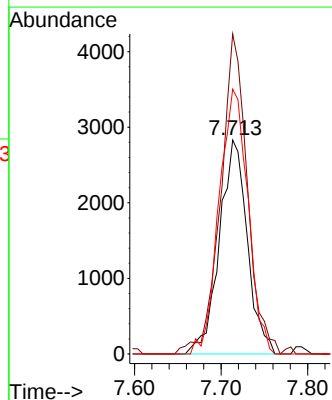
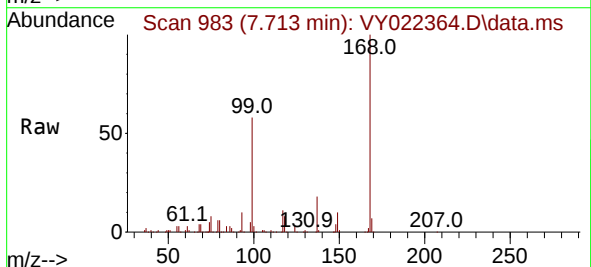
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-290

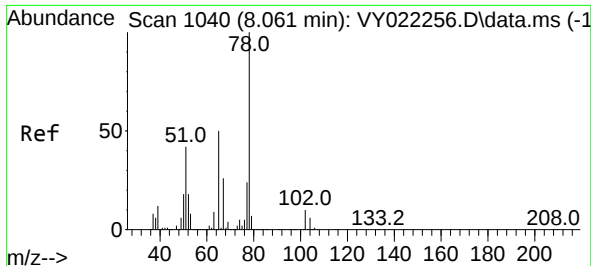
Tgt Ion:	84	Resp:	4259
Ion	Ratio	Lower	Upper
84	100		
49	119.0	109.6	164.4
51	39.6	32.4	48.6
86	68.3	52.3	78.5



#31
Cyclohexane
Concen: 1.167 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY022364.D
Acq: 21 May 2025 13:57

Tgt Ion:	56	Resp:	6333
Ion	Ratio	Lower	Upper
56	100		
69	149.6	27.4	41.2#
84	123.8	70.0	105.0#





#33

1,2-Dichloroethane-d4

Concen: 45.828 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY022364.D

Acq: 21 May 2025 13:57

Instrument :

MSVOA_Y

ClientSampleId :

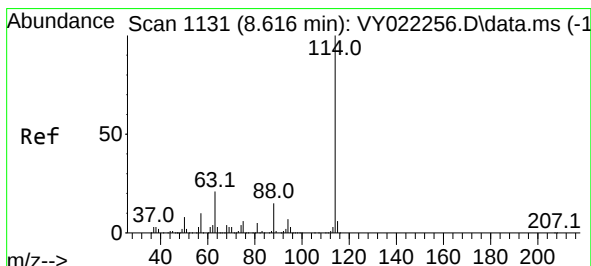
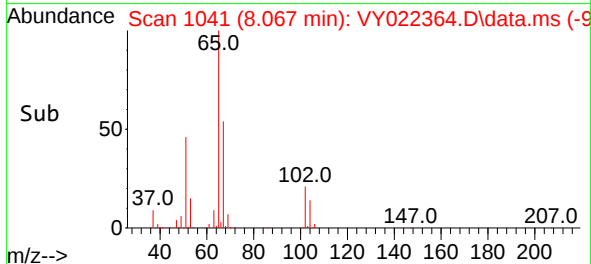
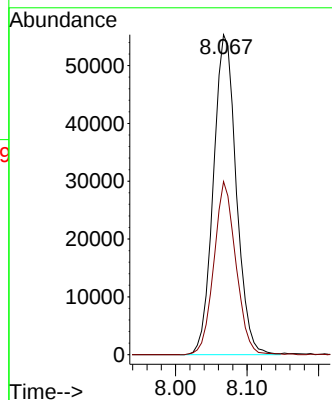
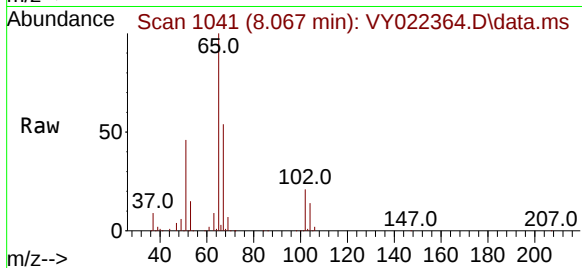
ETGI-290

Tgt Ion: 65 Resp: 122914

Ion Ratio Lower Upper

65 100

67 51.9 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022364.D

Acq: 21 May 2025 13:57

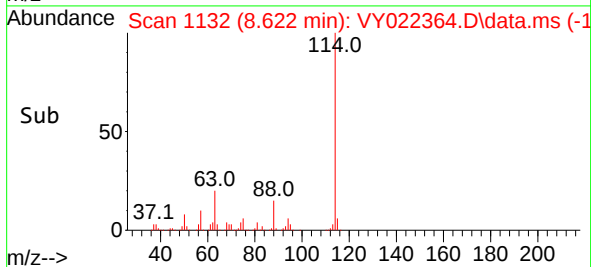
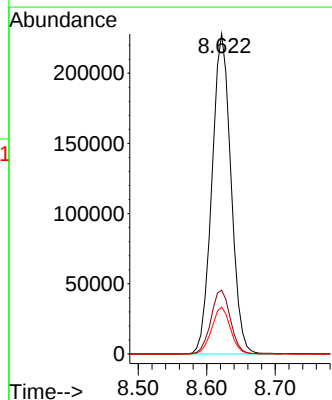
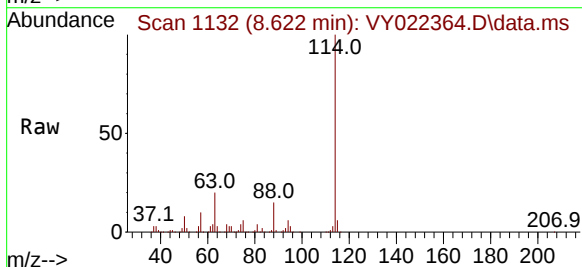
Tgt Ion: 114 Resp: 439222

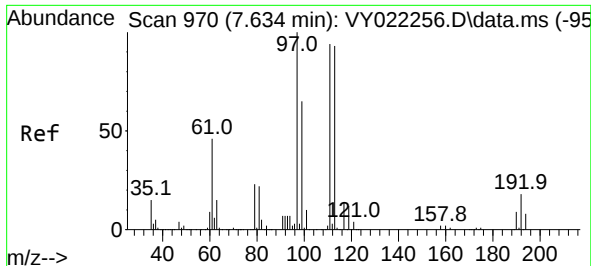
Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.0

88 14.6 0.0 29.4

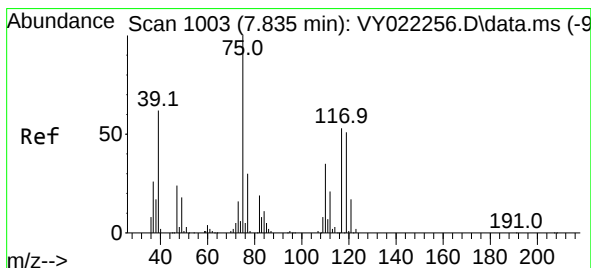
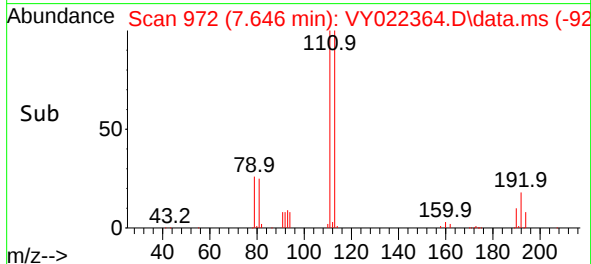
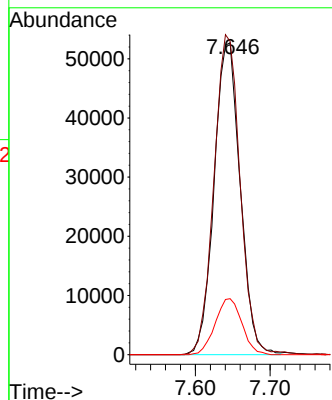
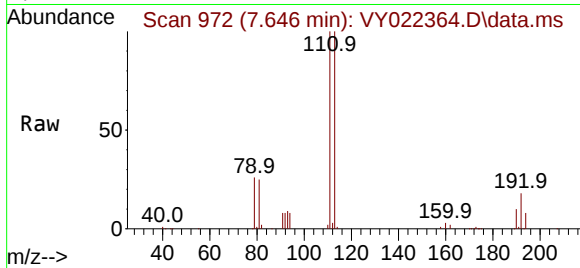




#35
Dibromofluoromethane
Concen: 48.681 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY022364.D
Acq: 21 May 2025 13:57

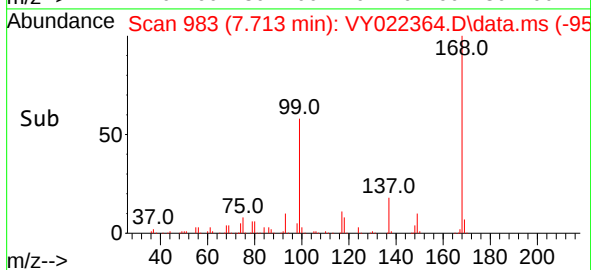
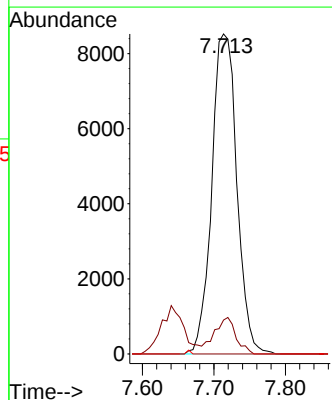
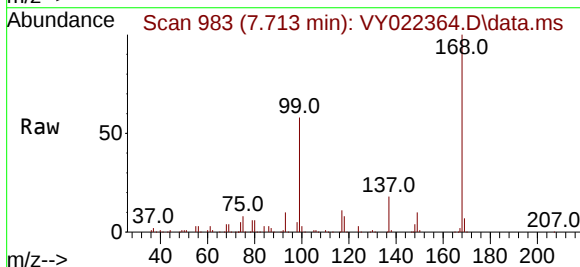
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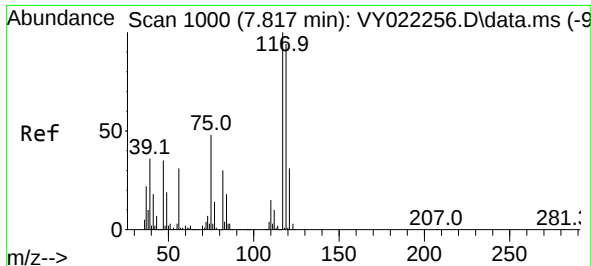
Tgt Ion:113 Resp: 127620
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 18.4 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.812 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY022364.D
Acq: 21 May 2025 13:57

Tgt Ion: 75 Resp: 20776
Ion Ratio Lower Upper
75 100
110 9.8 16.6 49.8#
77 0.0 24.6 37.0#

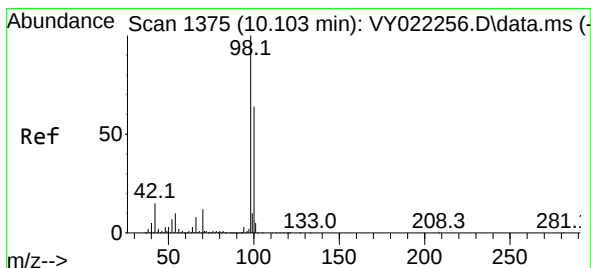
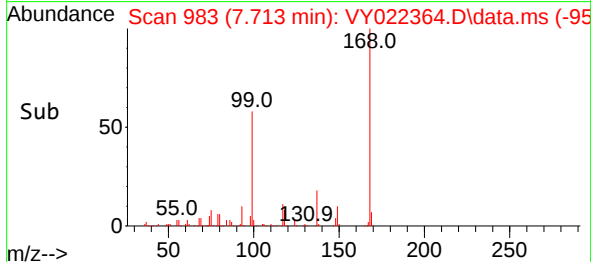
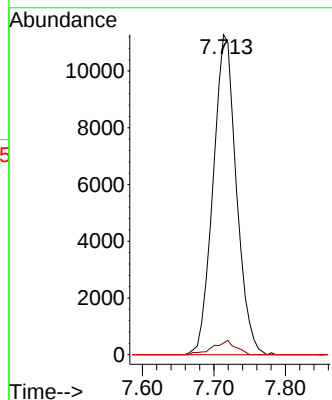
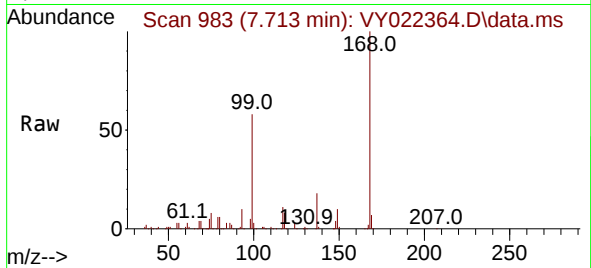




#38
Carbon Tetrachloride
Concen: 5.711 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY022364.D
Acq: 21 May 2025 13:57

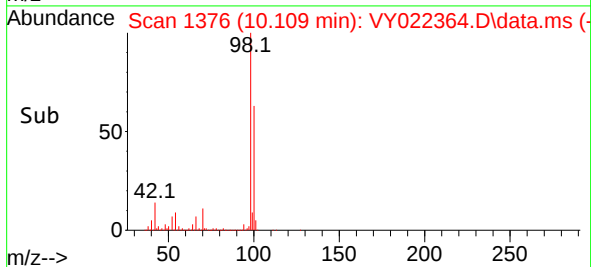
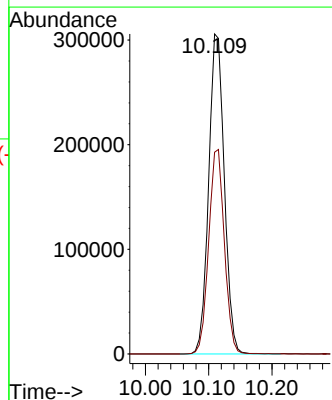
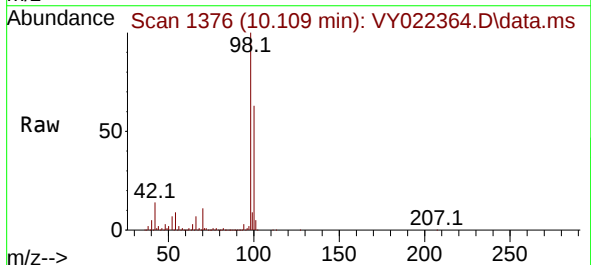
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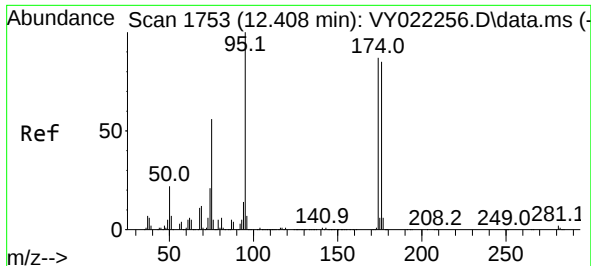
Tgt Ion:117 Resp: 25525
Ion Ratio Lower Upper
117 100
119 3.7 75.3 112.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.023 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022364.D
Acq: 21 May 2025 13:57

Tgt Ion: 98 Resp: 526341
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.8

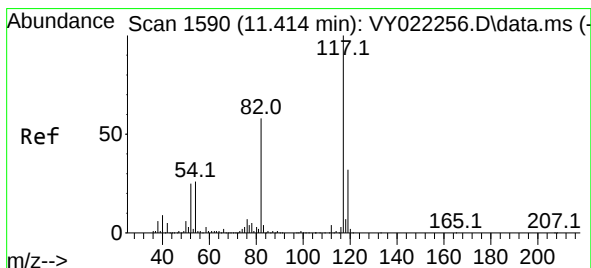
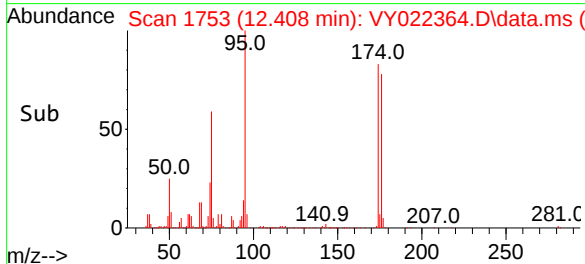
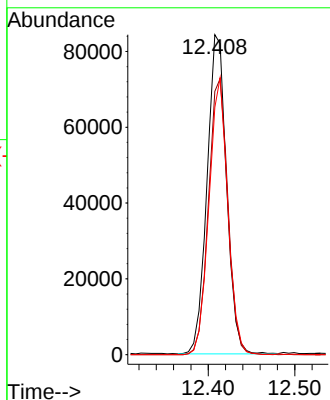
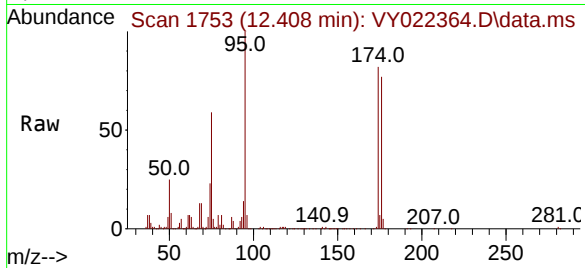




#62
4-Bromofluorobenzene
Concen: 38.657 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022364.D
Acq: 21 May 2025 13:57

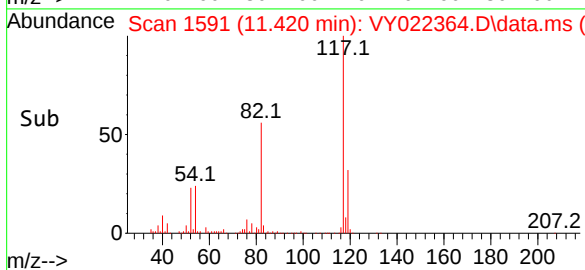
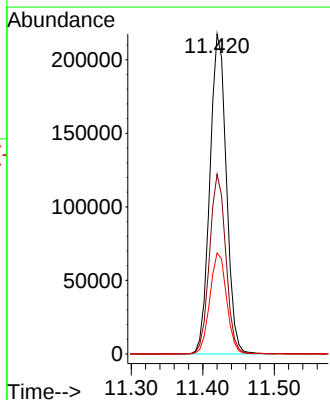
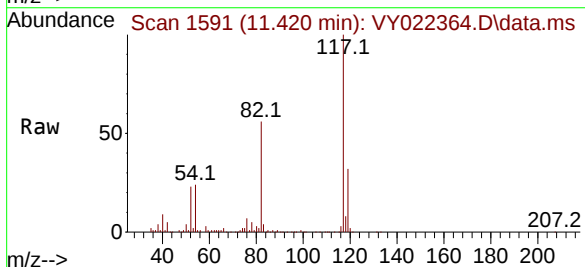
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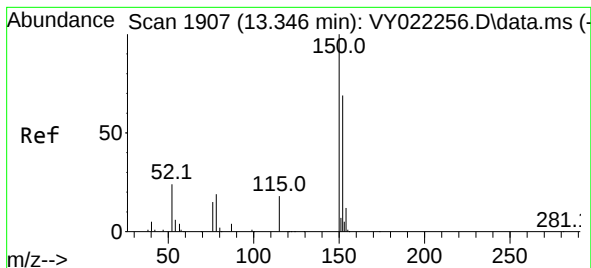
Tgt Ion:	95	Resp:	131557
Ion Ratio	Lower	Upper	
95	100		
174	86.3	0.0	166.8
176	83.6	0.0	160.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY022364.D
Acq: 21 May 2025 13:57

Tgt Ion:	117	Resp:	348402
Ion Ratio	Lower	Upper	
117	100		
82	56.1	46.6	70.0
119	31.5	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY022364.D

Acq: 21 May 2025 13:57

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-290

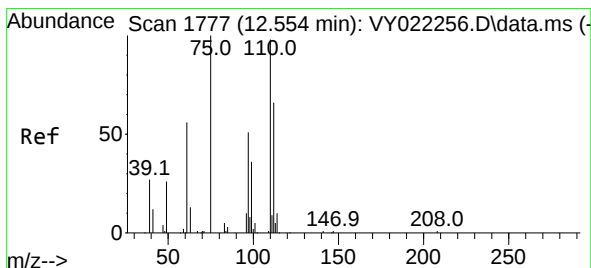
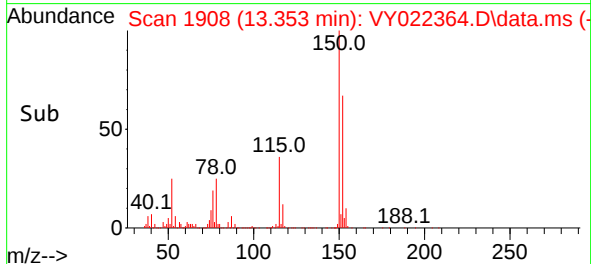
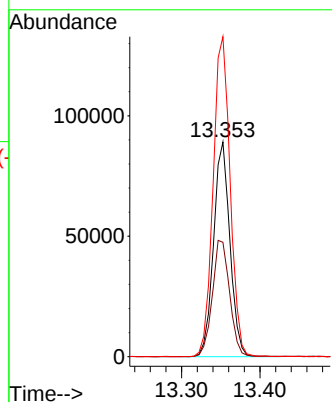
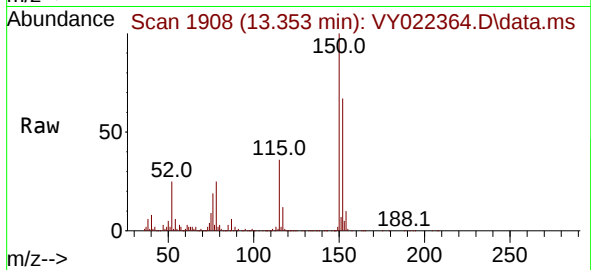
Tgt Ion:152 Resp: 128978

Ion Ratio Lower Upper

152 100

115 57.3 29.4 88.2

150 155.2 0.0 353.8



#76

1,2,3-Trichloropropane

Concen: 59.271 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY022364.D

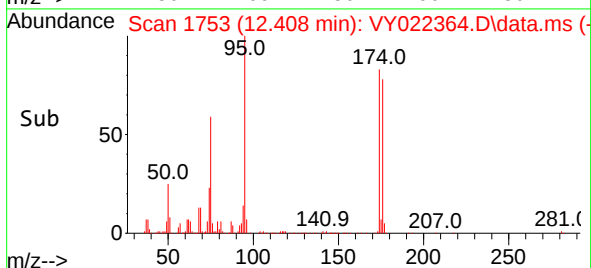
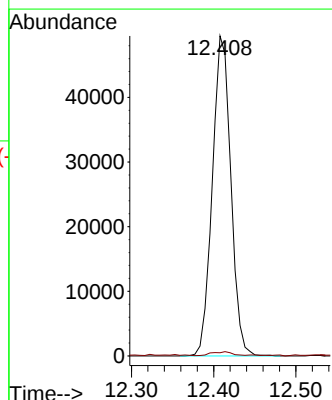
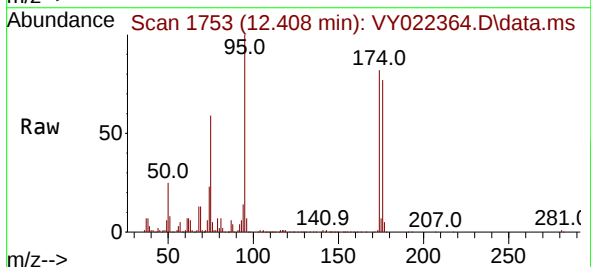
Acq: 21 May 2025 13:57

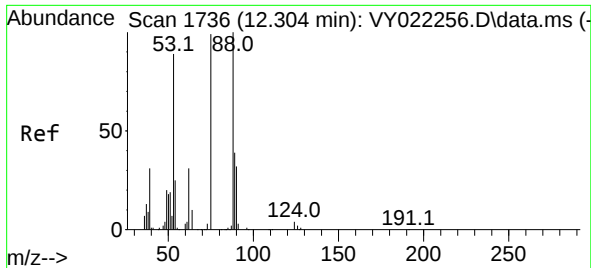
Tgt Ion: 75 Resp: 77449

Ion Ratio Lower Upper

75 100

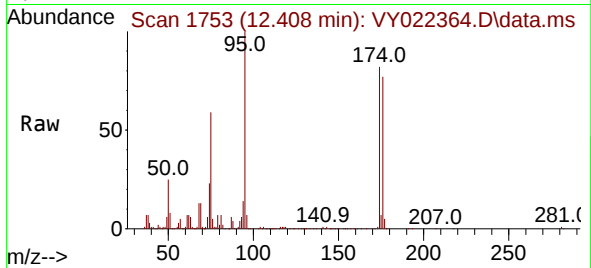
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.069 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY022364.D
 Acq: 21 May 2025 13:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-290



Tgt Ion: 75 Resp: 77449
 Ion Ratio Lower Upper
 75 100
 53 0.2 75.8 113.8#
 89 0.0 36.2 54.2#

