

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
 Data File : VY015339.D
 Acq On : 25 Aug 2023 13:54
 Operator : SY/MD
 Sample : 04091-04
 Misc : 5.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 25 15:29:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

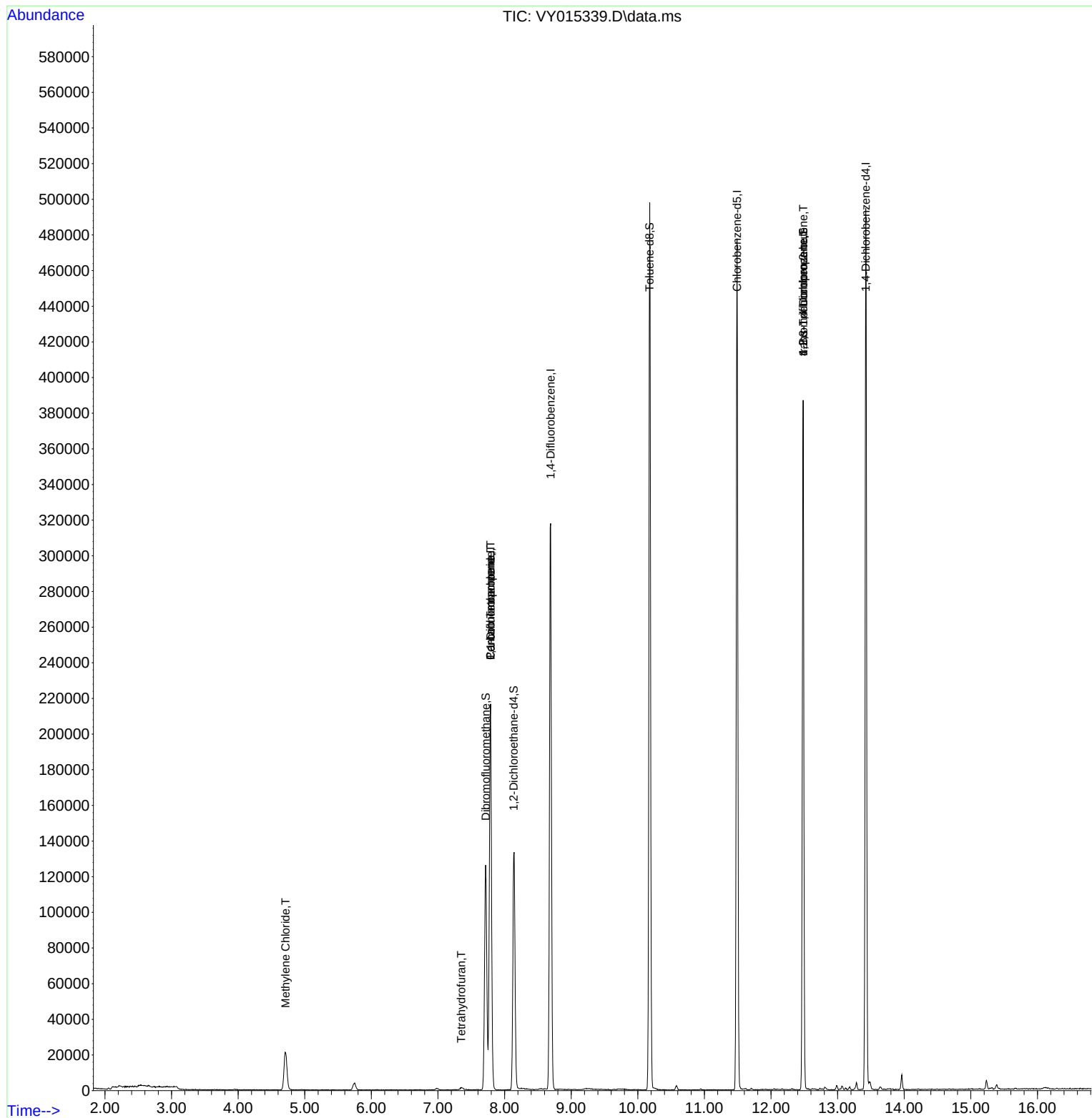
Internal Standards						
1) Pentafluorobenzene	7.789	168	168471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	279123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	257637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	126160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	108245	53.525	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.040%	
35) Dibromofluoromethane	7.716	113	88063	49.041	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.080%	
50) Toluene-d8	10.179	98	325846	48.746	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.500%	
62) 4-Bromofluorobenzene	12.483	95	114413	46.861	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.720%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	44	Below Cal	#	43
3) Chloromethane	2.113	50	287	Below Cal	#	43
5) Bromomethane	2.656	94	215	Below Cal		84
11) Tert butyl alcohol	4.948	59	351	Below Cal	#	89
20) Methylene Chloride	4.710	84	17099	7.087	ug/l	86
29) Tetrahydrofuran	7.350	42	1009	1.804	ug/l	# 83
31) Cyclohexane	7.795	56	3505	Below Cal	#	24
36) 1,1-Dichloropropene	7.789	75	12501	6.293	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	16676	7.093	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	63161	41.208	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	63161	90.512	ug/l	# 10

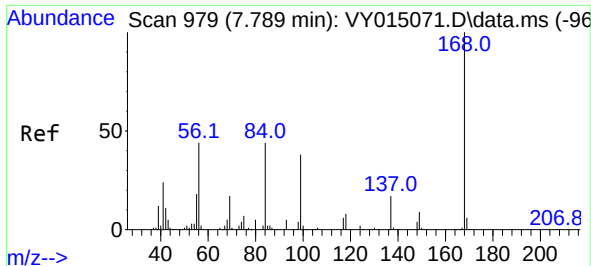
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
Data File : VY015339.D
Acq On : 25 Aug 2023 13:54
Operator : SY/MD
Sample : 04091-04
Misc : 5.84g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

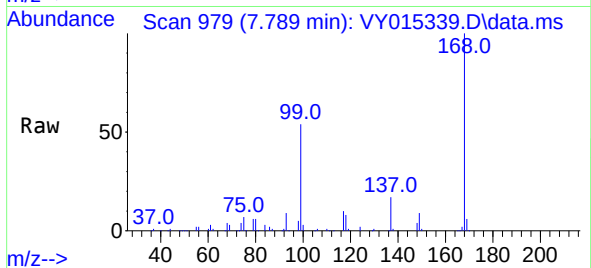
Quant Time: Aug 25 15:29:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration



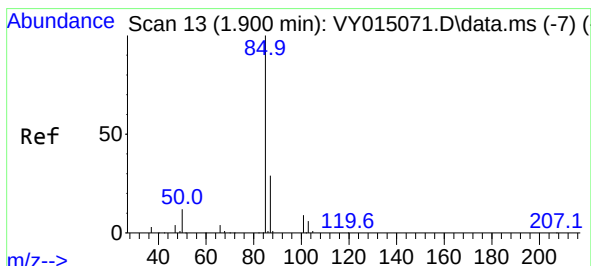
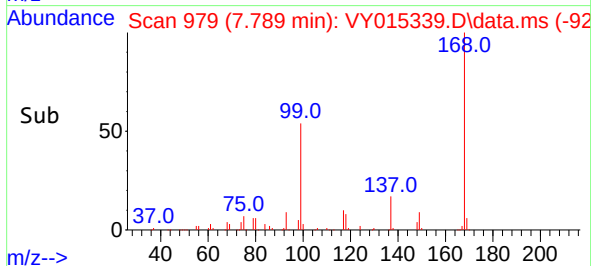
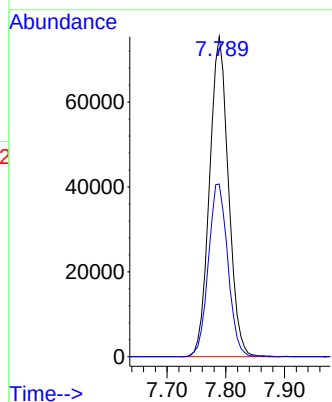


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015339.D
Acq: 25 Aug 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :

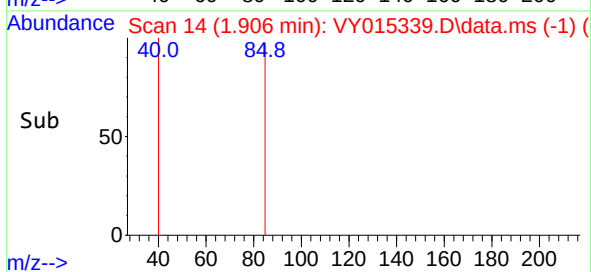
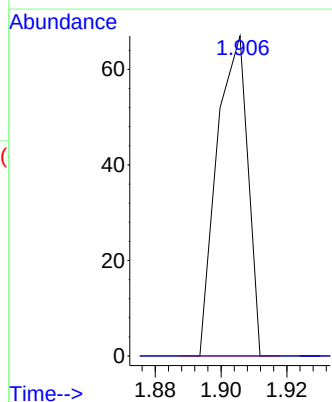
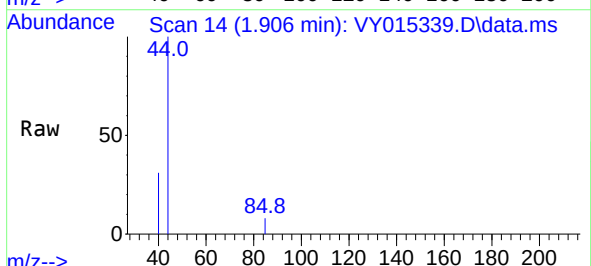


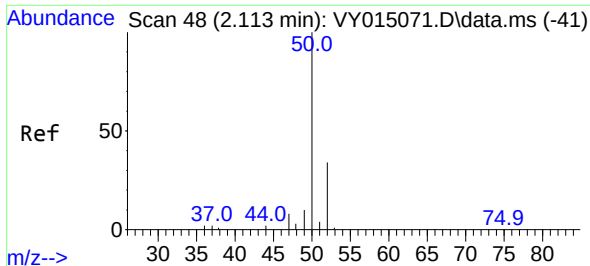
Tgt Ion:168 Resp: 168471
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015339.D
Acq: 25 Aug 2023 13:54

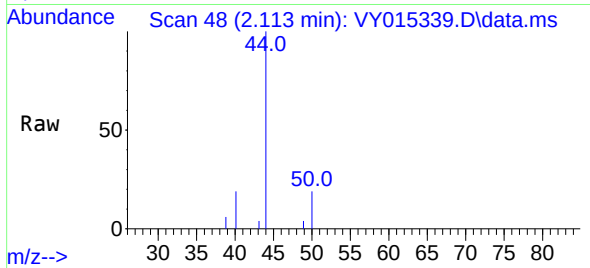
Tgt Ion: 85 Resp: 44
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#



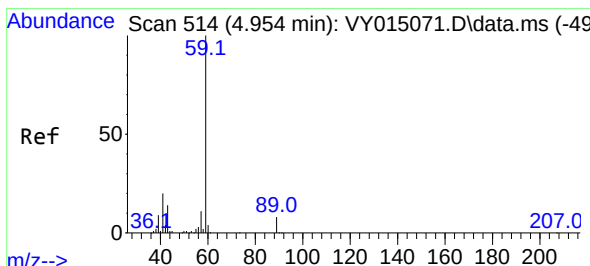
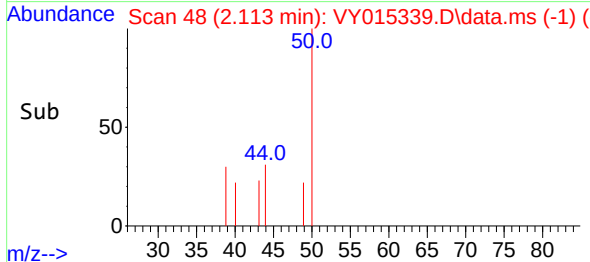
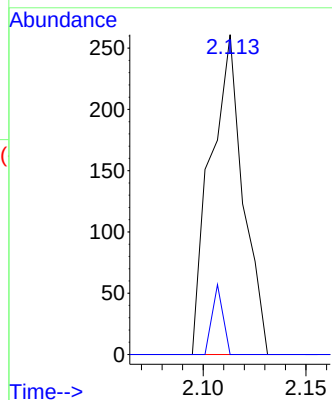


#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015339.D
Acq: 25 Aug 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :

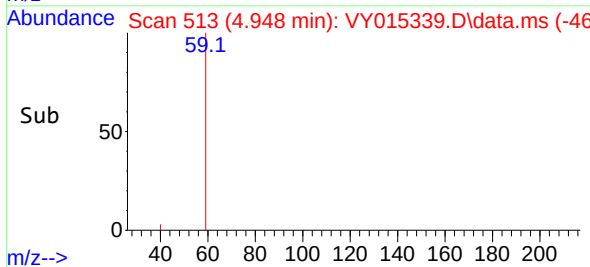
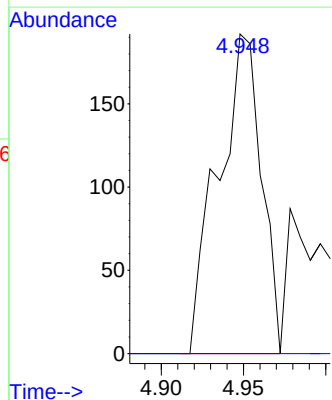
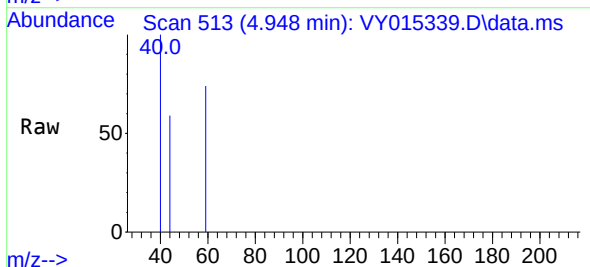


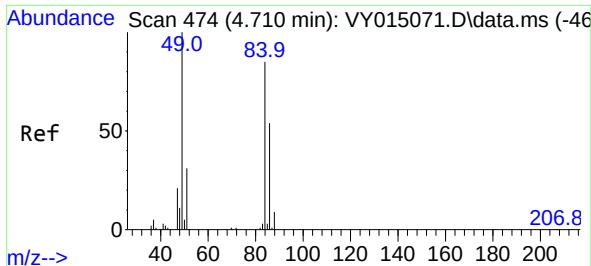
Tgt Ion: 50 Resp: 287
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY015339.D
Acq: 25 Aug 2023 13:54

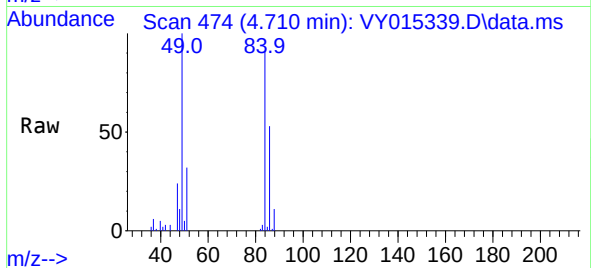
Tgt Ion: 59 Resp: 351
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





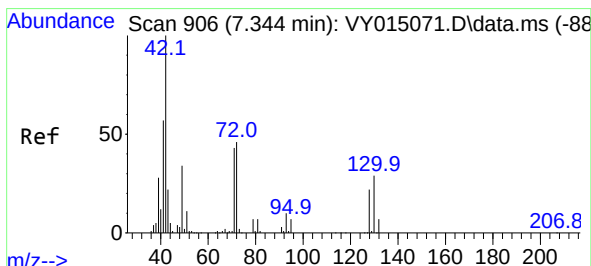
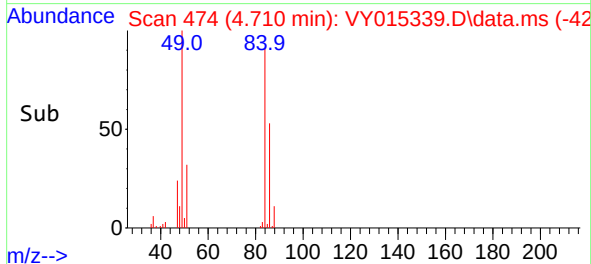
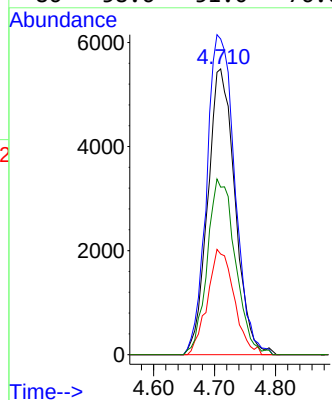
#20
Methylene Chloride
Concen: 7.087 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015339.D
Acq: 25 Aug 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 17099

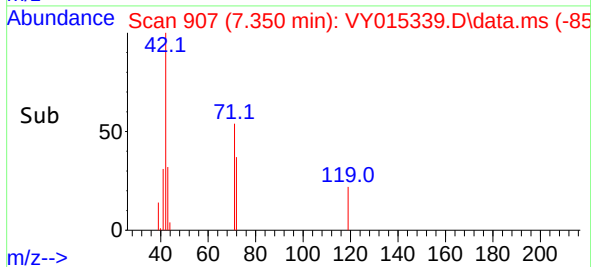
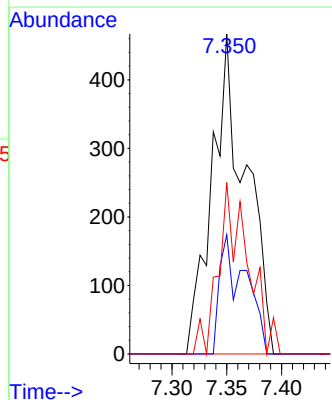
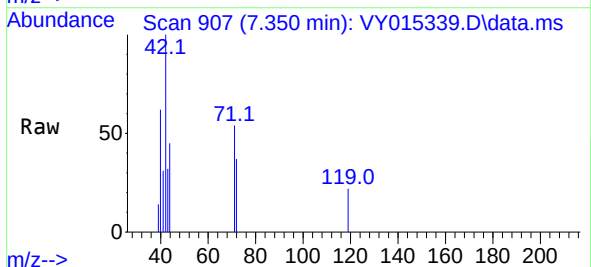
Ion	Ratio	Lower	Upper
84	100		
49	110.5	106.9	160.3
51	35.2	33.2	49.8
86	58.6	51.0	76.6

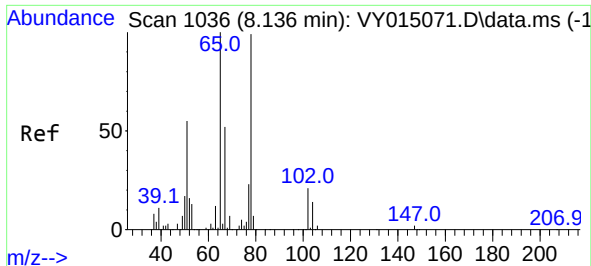


#29
Tetrahydrofuran
Concen: 1.804 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY015339.D
Acq: 25 Aug 2023 13:54

Tgt Ion: 42 Resp: 1009

Ion	Ratio	Lower	Upper
42	100		
72	28.0	32.8	49.2#
71	46.5	31.0	46.4#





#33

1,2-Dichloroethane-d4

Concen: 53.525 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY015339.D

Acq: 25 Aug 2023 13:54

Instrument :

MSVOA_Y

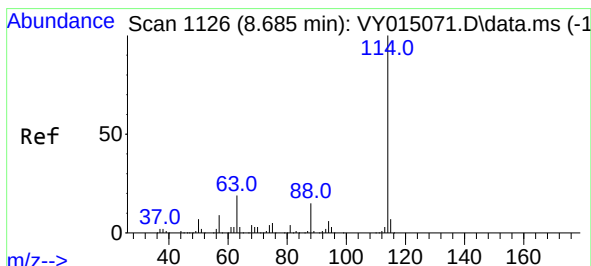
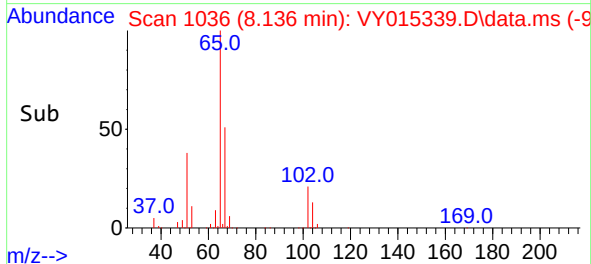
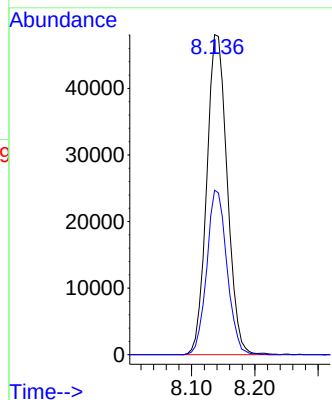
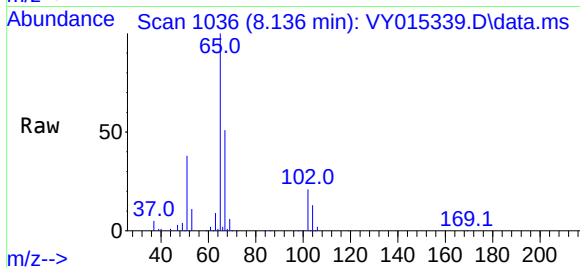
ClientSampleId :

Tgt Ion: 65 Resp: 108245

Ion Ratio Lower Upper

65 100

67 50.7 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015339.D

Acq: 25 Aug 2023 13:54

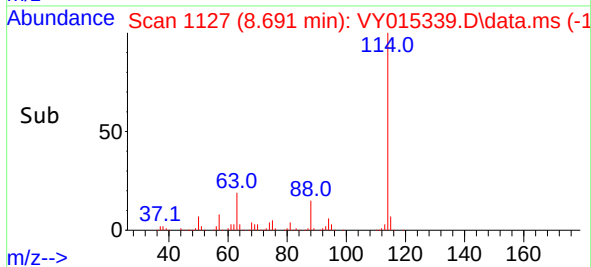
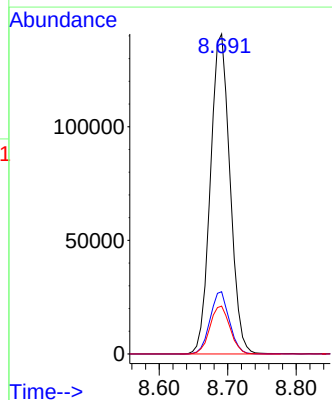
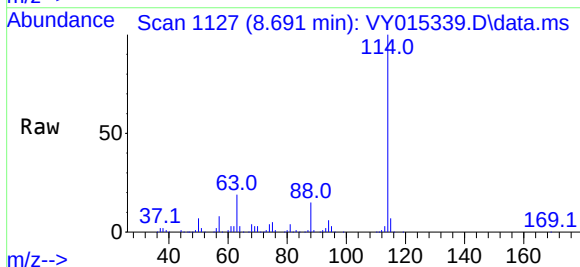
Tgt Ion: 114 Resp: 279123

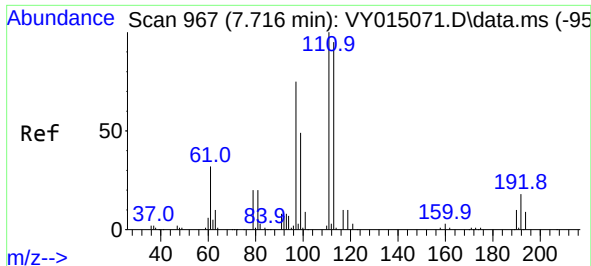
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

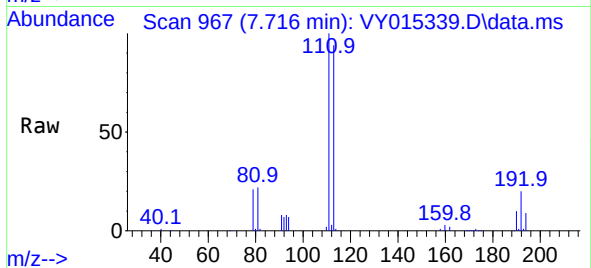
88 14.9 0.0 30.6



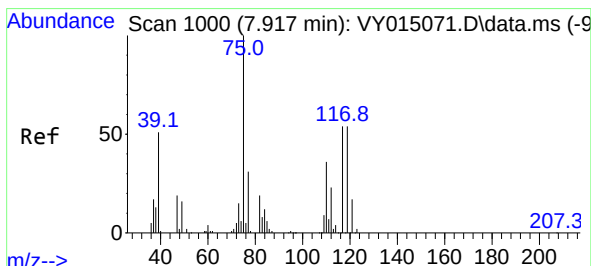
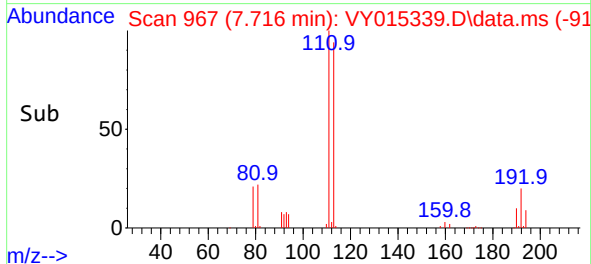
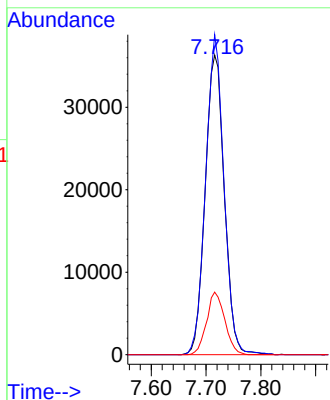


#35
Dibromofluoromethane
Concen: 49.041 ug/l
RT: 7.716 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY015339.D
Acq: 25 Aug 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :

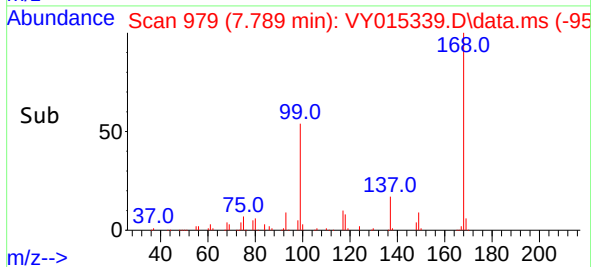
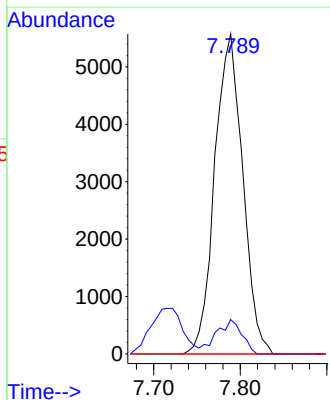
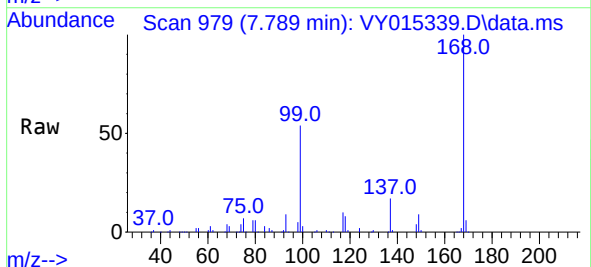


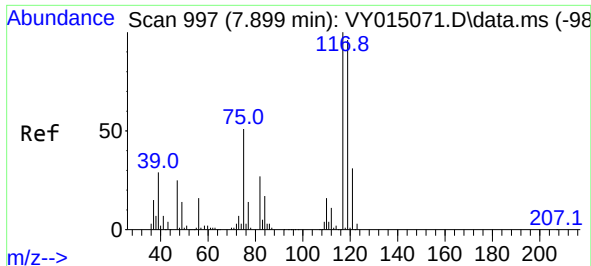
Tgt Ion:113 Resp: 88063
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 6.293 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015339.D
Acq: 25 Aug 2023 13:54

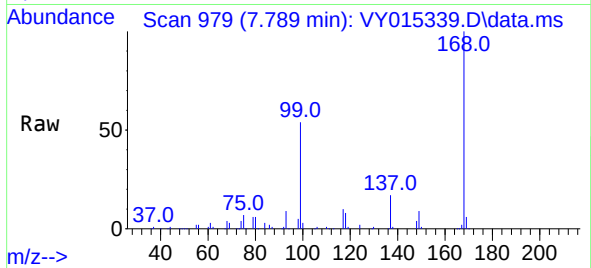
Tgt Ion: 75 Resp: 12501
Ion Ratio Lower Upper
75 100
110 9.8 17.8 53.5#
77 0.0 24.4 36.6#



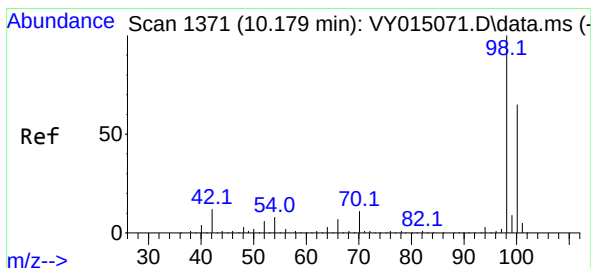
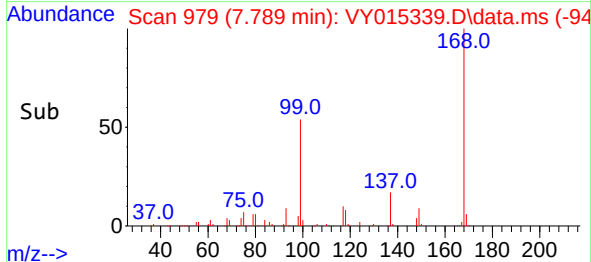
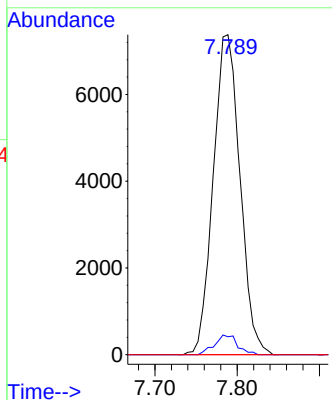


#38
Carbon Tetrachloride
Concen: 7.093 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY015339.D
Acq: 25 Aug 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :

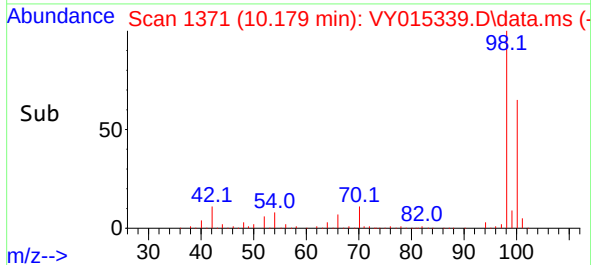
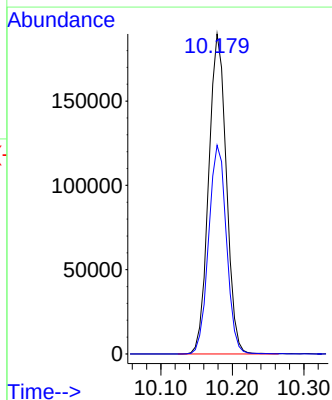
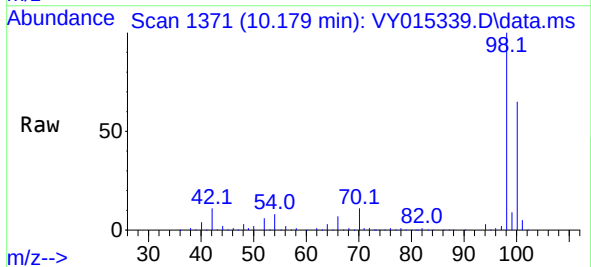


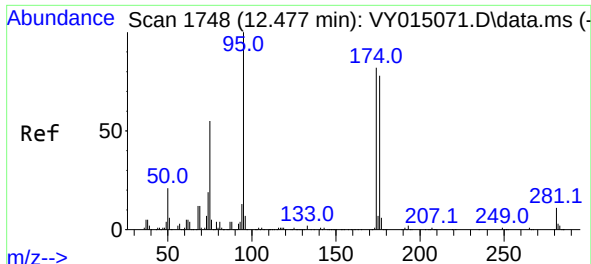
Tgt Ion:117 Resp: 16676
Ion Ratio Lower Upper
117 100
119 5.6 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.746 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015339.D
Acq: 25 Aug 2023 13:54

Tgt Ion: 98 Resp: 325846
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

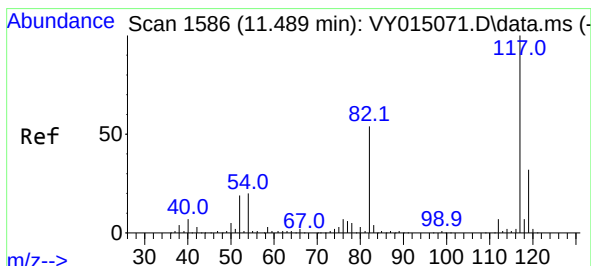
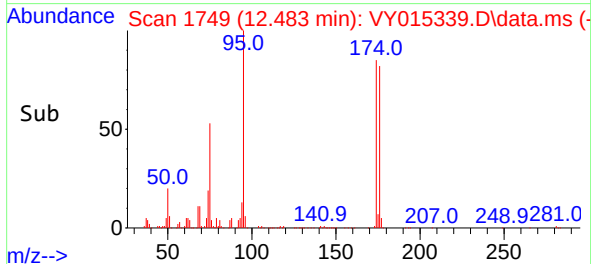
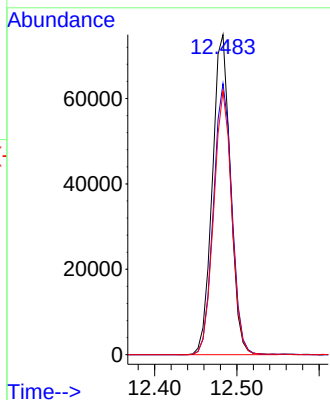
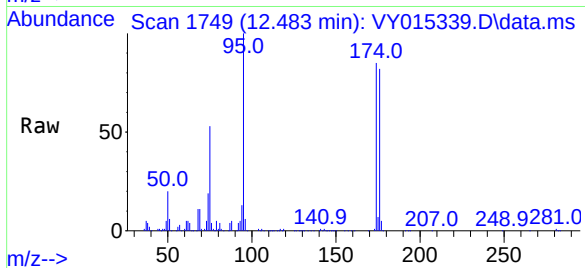




#62
4-Bromofluorobenzene
Concen: 46.861 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015339.D
Acq: 25 Aug 2023 13:54

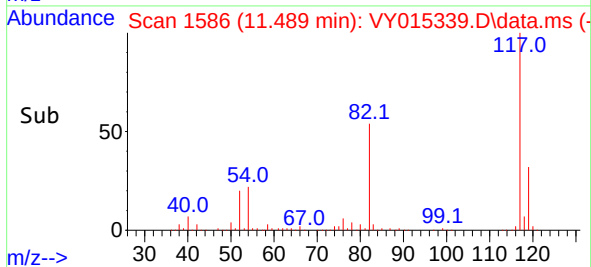
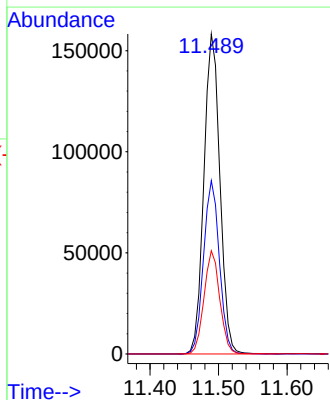
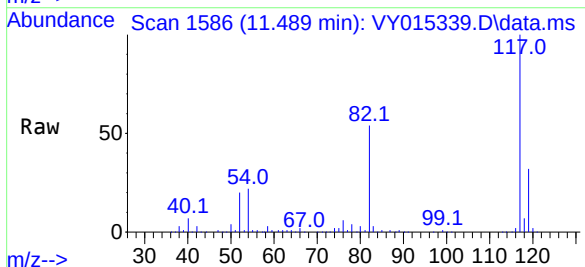
Instrument :
MSVOA_Y
ClientSampleId :

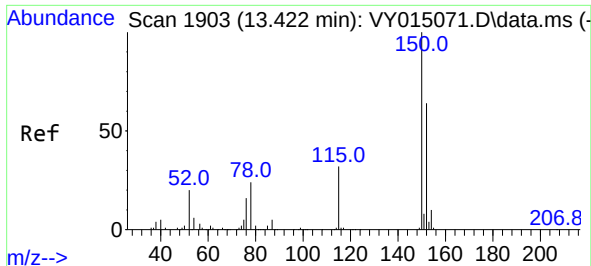
Tgt Ion: 95 Resp: 114413
Ion Ratio Lower Upper
95 100
174 86.6 0.0 178.2
176 82.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015339.D
Acq: 25 Aug 2023 13:54

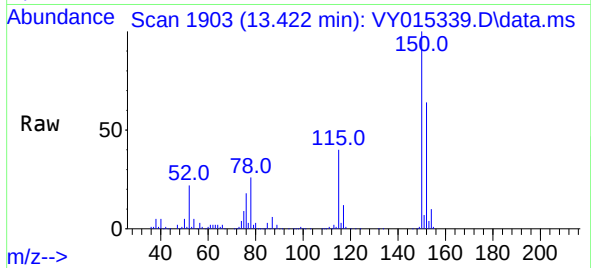
Tgt Ion: 117 Resp: 257637
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.0
119 32.3 26.3 39.5



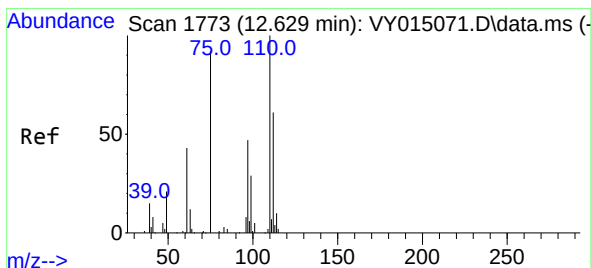
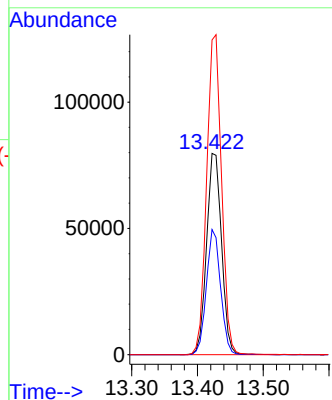
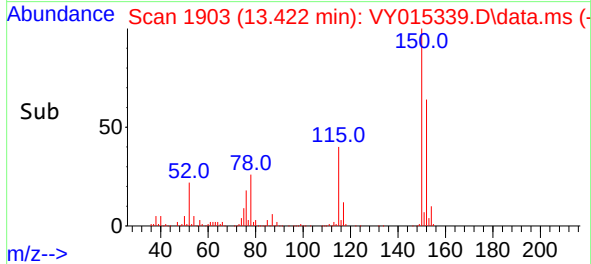


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015339.D
Acq: 25 Aug 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :

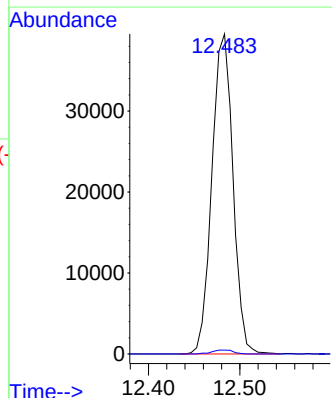
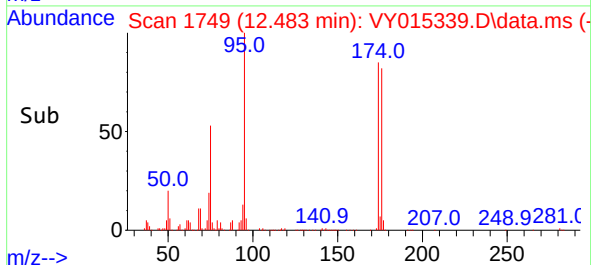
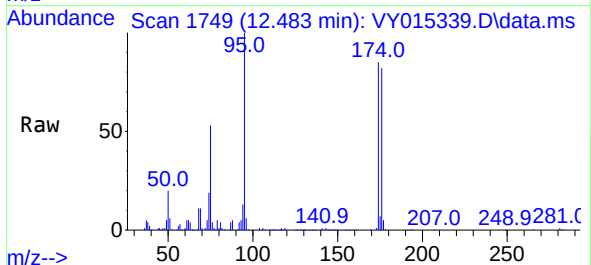


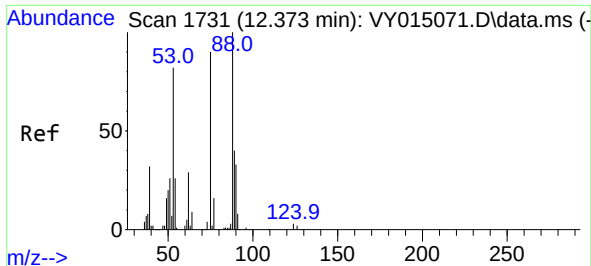
Tgt Ion:152 Resp: 126160
Ion Ratio Lower Upper
152 100
115 59.2 28.8 86.5
150 158.1 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 41.208 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015339.D
Acq: 25 Aug 2023 13:54

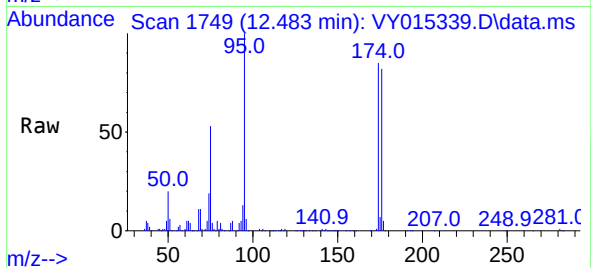
Tgt Ion: 75 Resp: 63161
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.512 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY015339.D
 Acq: 25 Aug 2023 13:54

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 63161

Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.8	116.8#
89	0.0	37.4	56.0#

