

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
 Data File : VY015333.D
 Acq On : 25 Aug 2023 11:30
 Operator : SY/MD
 Sample : VY0825SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 25 13:45:06 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)

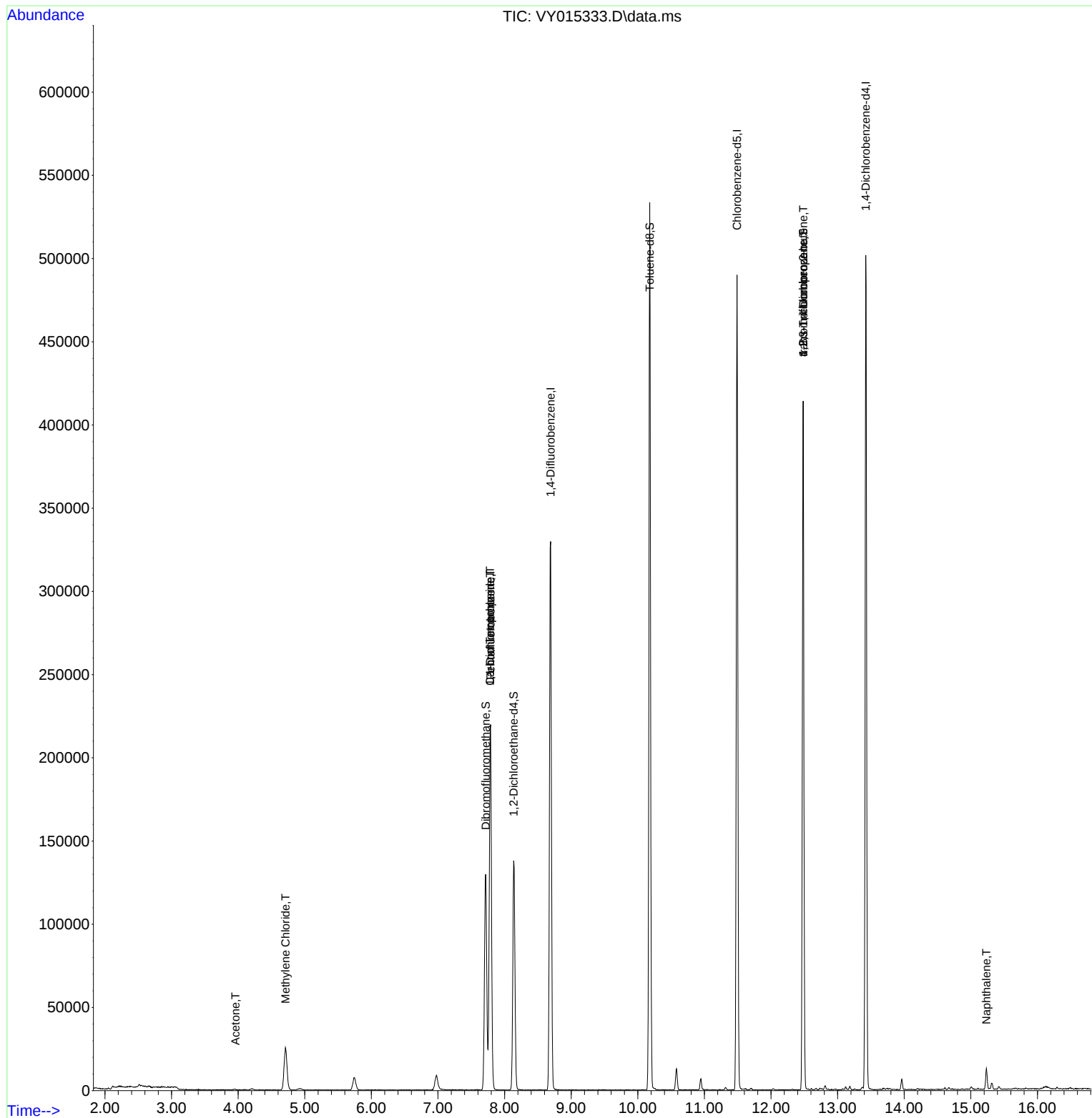
Internal Standards						
1) Pentafluorobenzene	7.789	168	171307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	290582	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	262553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	128552	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	110027	53.505	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.020%	
35) Dibromofluoromethane	7.716	113	91219	48.796	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.600%	
50) Toluene-d8	10.179	98	338525	48.645	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.300%	
62) 4-Bromofluorobenzene	12.483	95	117762	46.331	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.660%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	46	Below Cal	#	43
3) Chloromethane	2.113	50	458	Below Cal		91
5) Bromomethane	2.650	94	256	Below Cal	#	44
11) Tert butyl alcohol	4.918	59	662	Below Cal	#	89
16) Acetone	3.960	43	792	1.179	ug/l	96
20) Methylene Chloride	4.710	84	19348	8.419	ug/l	92
31) Cyclohexane	7.783	56	3472	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	13338	6.449	ug/l #	51
38) Carbon Tetrachloride	7.783	117	17266	7.054	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	64225	41.122	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	64225	90.324	ug/l #	11
95) Naphthalene	15.233	128	10230	1.713	ug/l	99

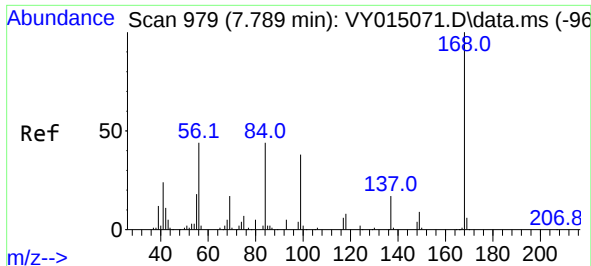
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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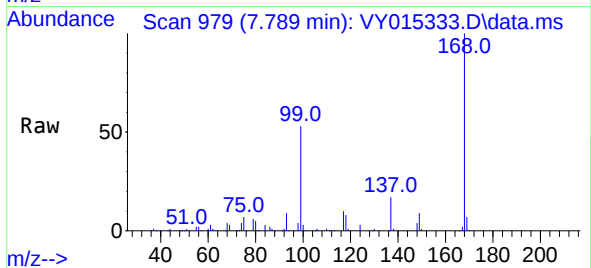
Quant Time: Aug 25 13:45:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
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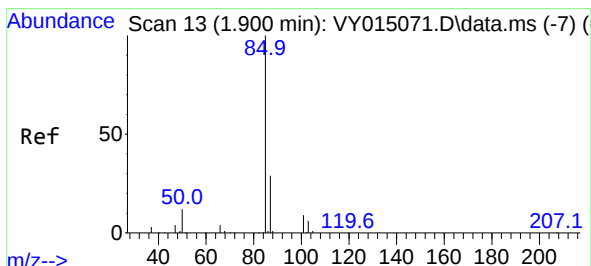
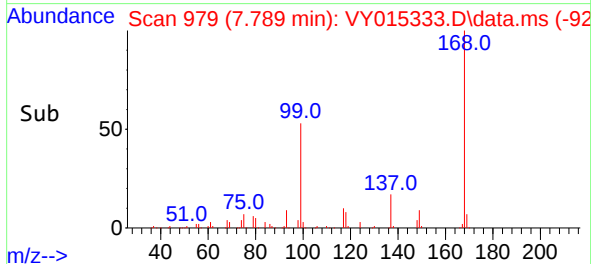
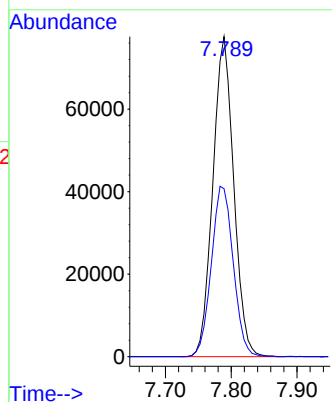


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015333.D
Acq: 25 Aug 2023 11:30

Instrument :
MSVOA_Y
ClientSampleId :

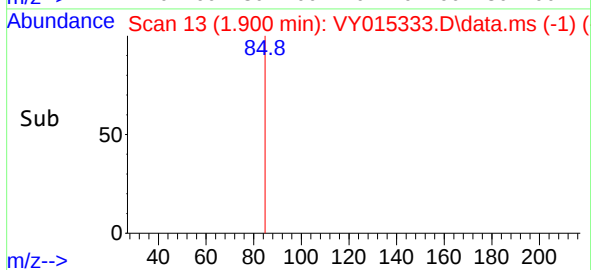
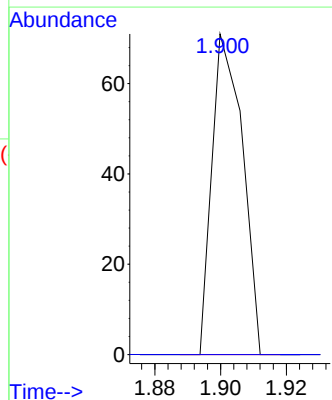
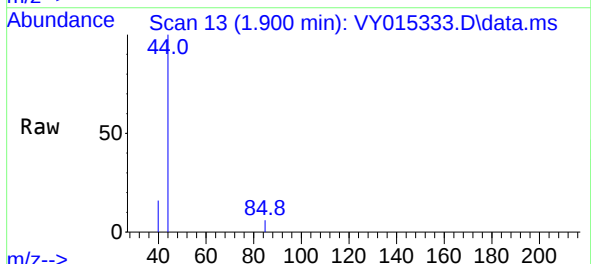


Tgt Ion:168 Resp: 171307
Ion Ratio Lower Upper
168 100
99 52.5 43.4 65.0

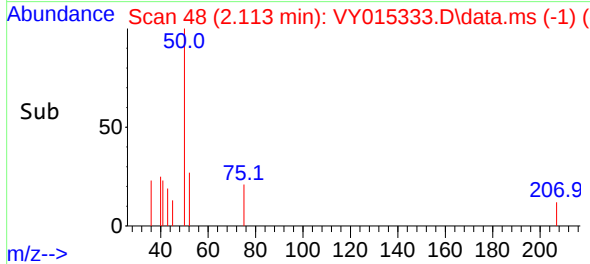
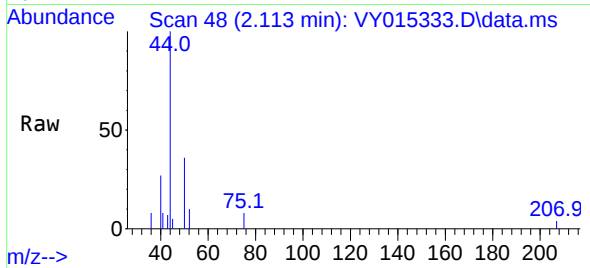
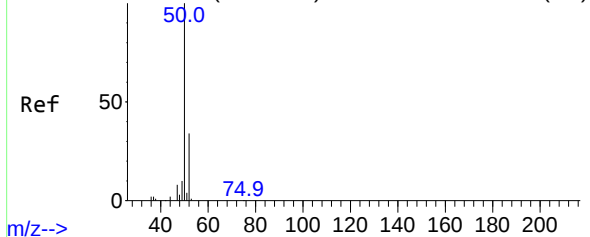


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY015333.D
Acq: 25 Aug 2023 11:30

Tgt Ion: 85 Resp: 46
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#



Abundance Scan 48 (2.113 min): VY015071.D\data.ms (-41)



#3

Chloromethane

Concen: Below Cal

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015333.D

Acq: 25 Aug 2023 11:30

Instrument :

MSVOA_Y

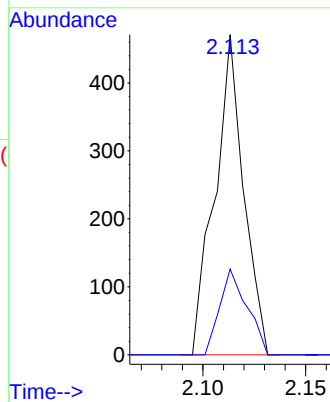
ClientSampleId :

Tgt Ion: 50 Resp: 458

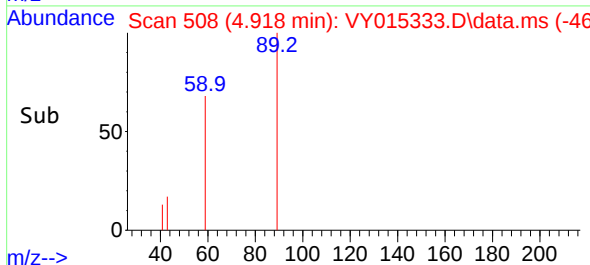
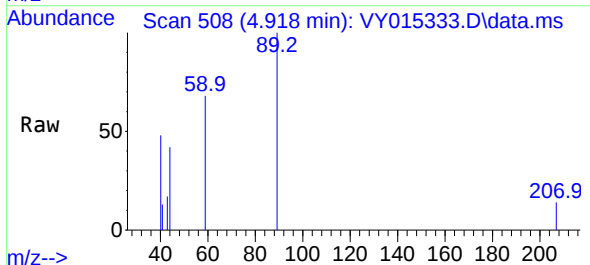
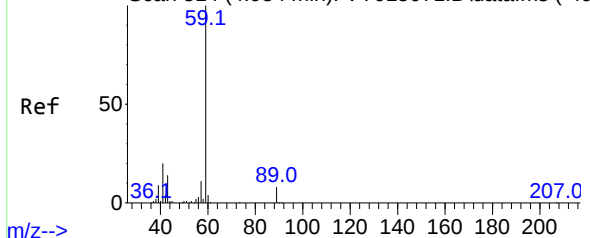
Ion Ratio Lower Upper

50 100

52 26.8 25.4 38.2



Abundance Scan 514 (4.954 min): VY015071.D\data.ms (-49)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.918 min Scan# 508

Delta R.T. -0.030 min

Lab File: VY015333.D

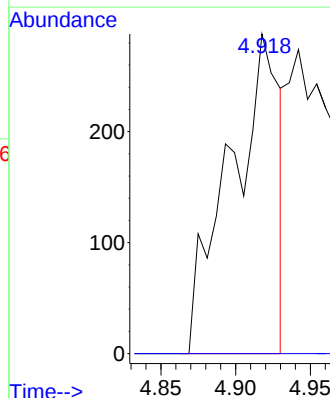
Acq: 25 Aug 2023 11:30

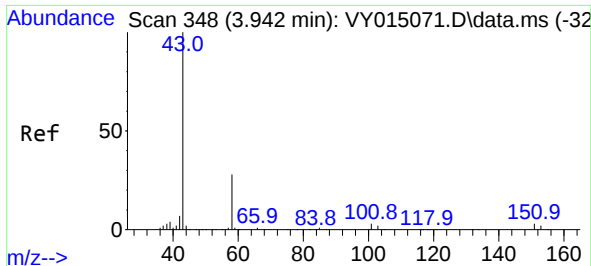
Tgt Ion: 59 Resp: 662

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#

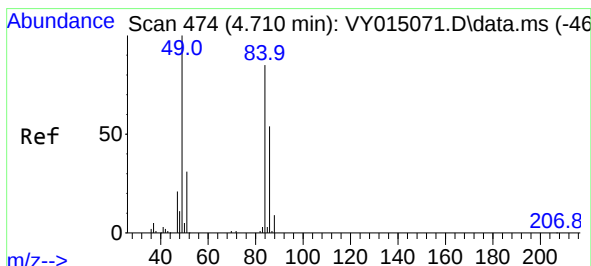
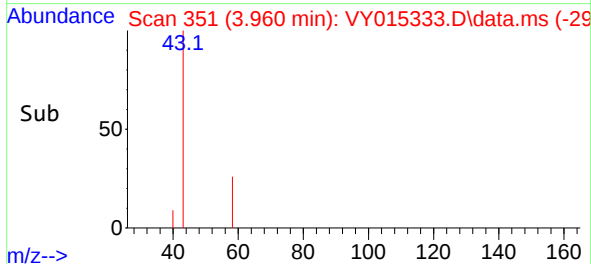
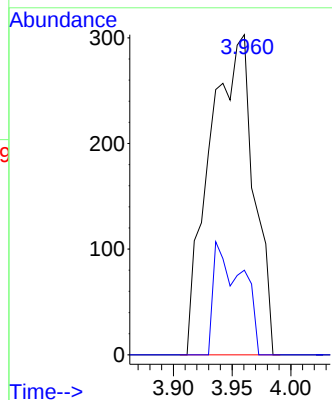
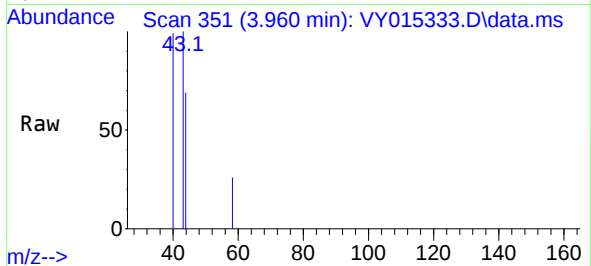




#16
Acetone
Concen: 1.179 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY015333.D
Acq: 25 Aug 2023 11:30

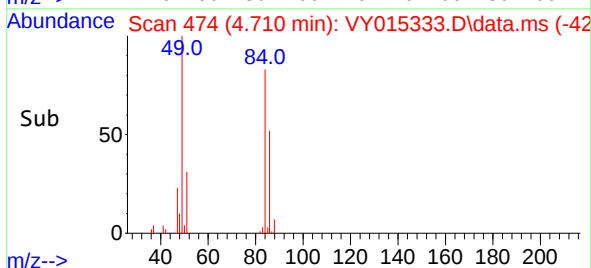
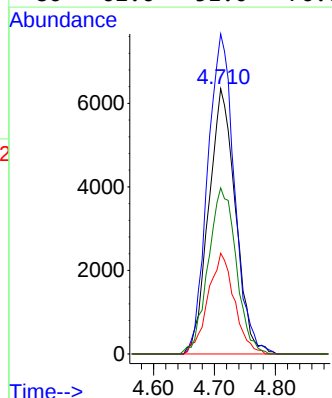
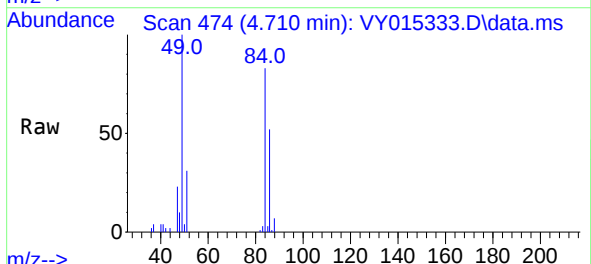
Instrument :
MSVOA_Y
ClientSampleId :

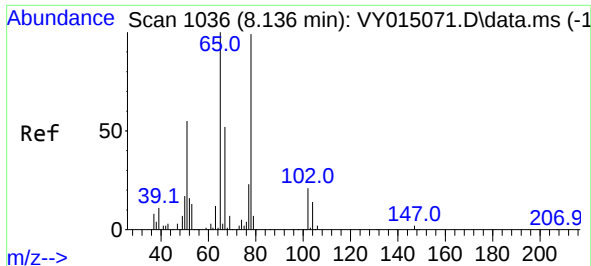
Tgt Ion: 43 Resp: 792
Ion Ratio Lower Upper
43 100
58 26.4 22.7 34.1



#20
Methylene Chloride
Concen: 8.419 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015333.D
Acq: 25 Aug 2023 11:30

Tgt Ion: 84 Resp: 19348
Ion Ratio Lower Upper
84 100
49 120.6 106.9 160.3
51 38.0 33.2 49.8
86 62.6 51.0 76.6

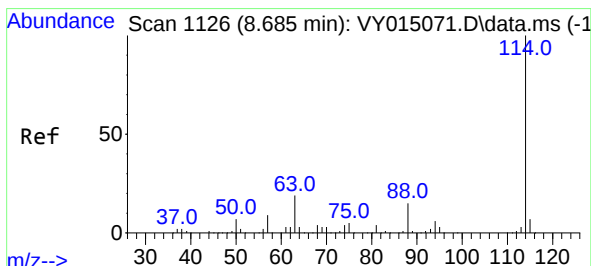
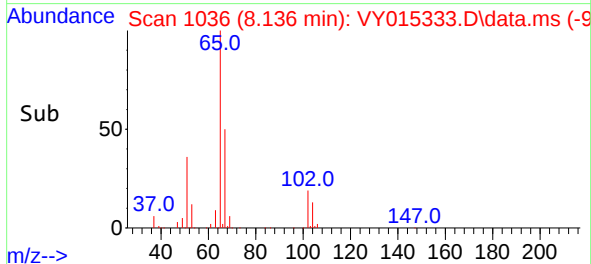
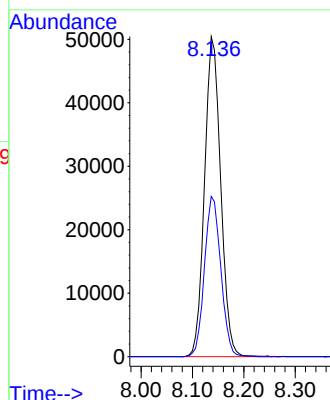
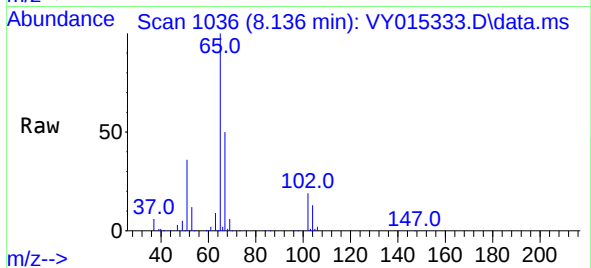




#33
1,2-Dichloroethane-d4
Concen: 53.505 ug/l
RT: 8.136 min Scan# 110027
Delta R.T. 0.000 min
Lab File: VY015333.D
Acq: 25 Aug 2023 11:30

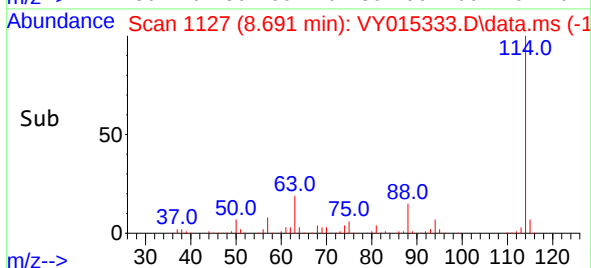
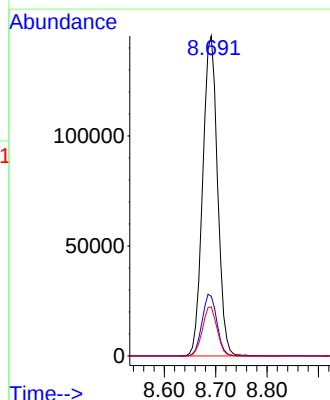
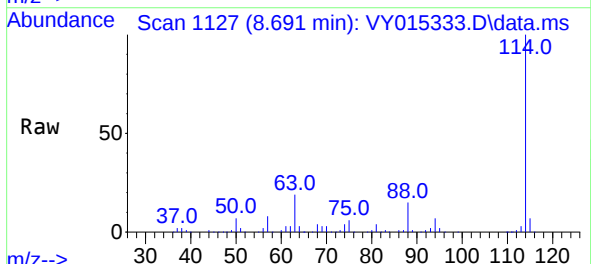
Instrument :
MSVOA_Y
ClientSampleId :

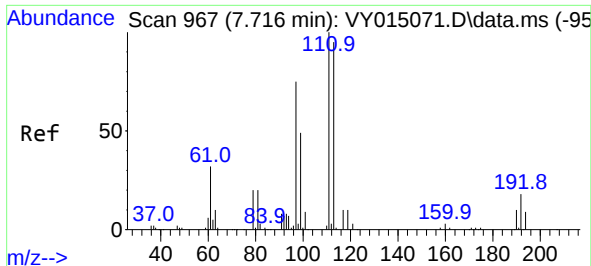
Tgt Ion: 65 Resp: 110027
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015333.D
Acq: 25 Aug 2023 11:30

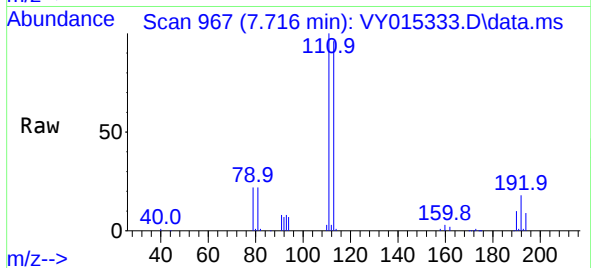
Tgt Ion: 114 Resp: 290582
Ion Ratio Lower Upper
114 100
63 18.6 0.0 42.4
88 15.4 0.0 30.6



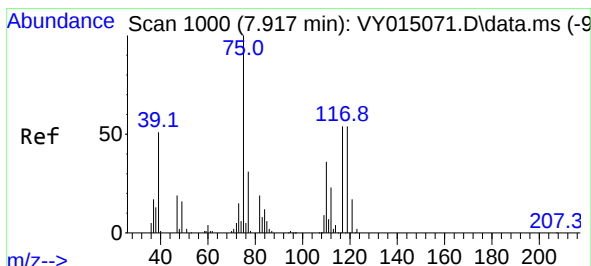
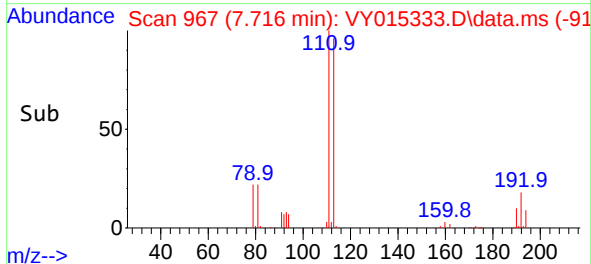
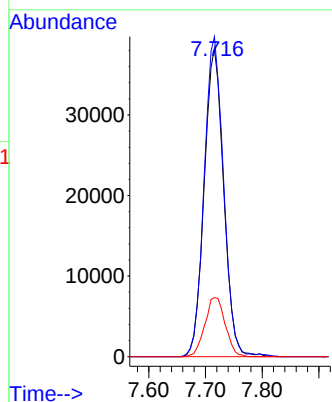


#35
Dibromofluoromethane
Concen: 48.796 ug/l
RT: 7.716 min Scan# 912
Delta R.T. 0.000 min
Lab File: VY015333.D
Acq: 25 Aug 2023 11:30

Instrument :
MSVOA_Y
ClientSampleId :

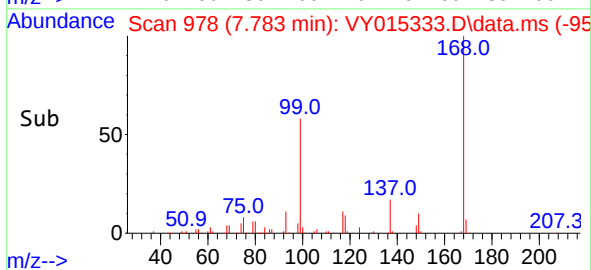
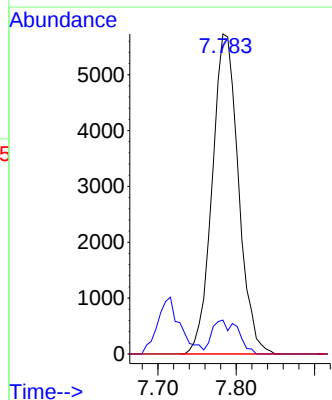
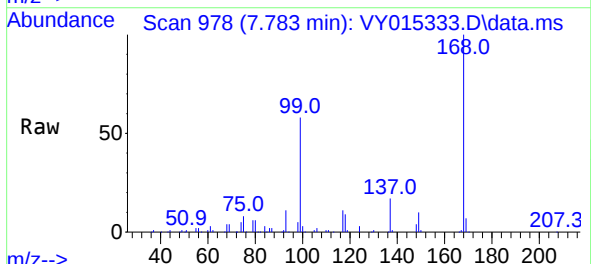


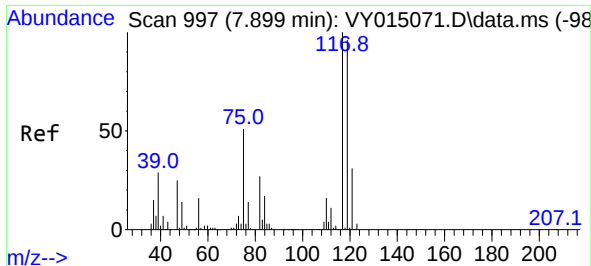
Tgt Ion:113 Resp: 91219
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 20.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 6.449 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015333.D
Acq: 25 Aug 2023 11:30

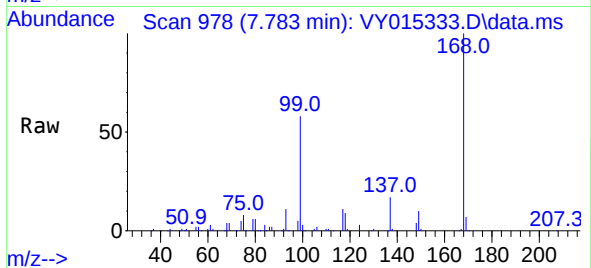
Tgt Ion: 75 Resp: 13338
Ion Ratio Lower Upper
75 100
110 10.4 17.8 53.5#
77 0.0 24.4 36.6#



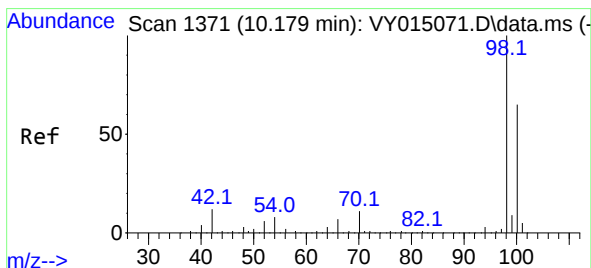
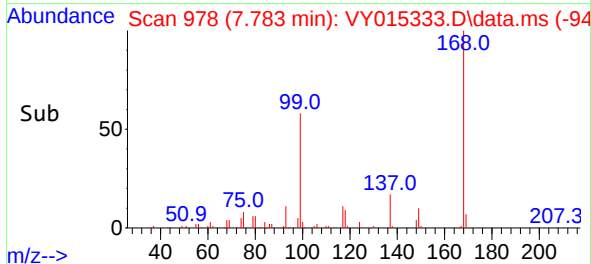
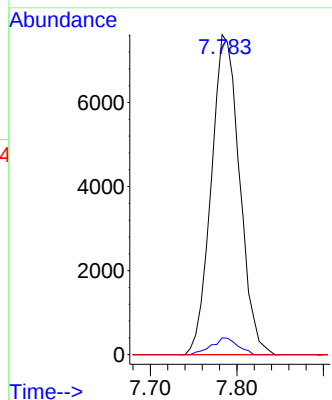


#38
Carbon Tetrachloride
Concen: 7.054 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY015333.D
Acq: 25 Aug 2023 11:30

Instrument :
MSVOA_Y
ClientSampleId :

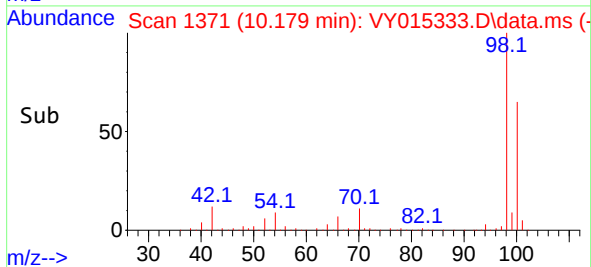
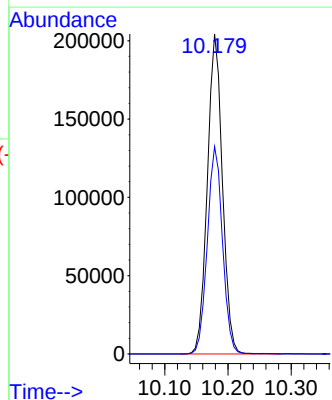
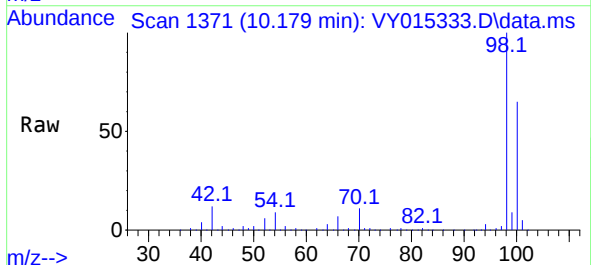


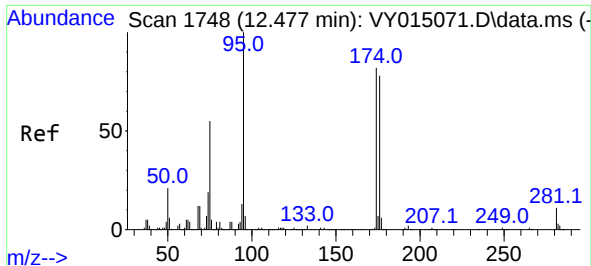
Tgt Ion:117 Resp: 17266
Ion Ratio Lower Upper
117 100
119 5.2 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.645 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015333.D
Acq: 25 Aug 2023 11:30

Tgt Ion: 98 Resp: 338525
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

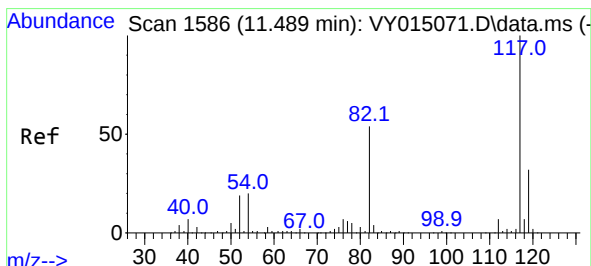
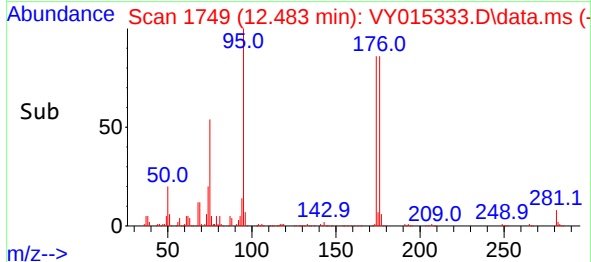
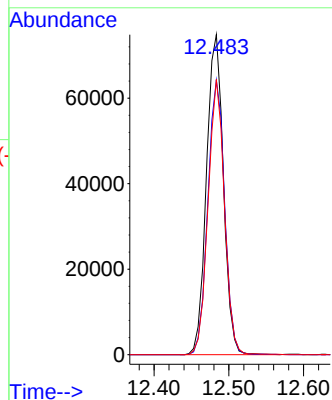
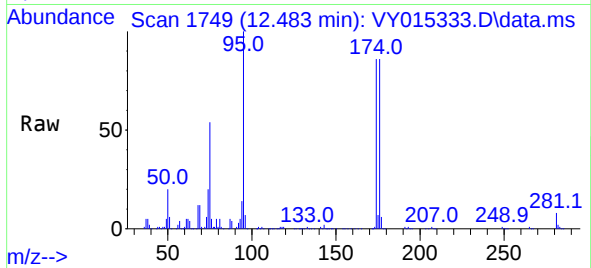




#62
4-Bromofluorobenzene
Concen: 46.331 ug/l
RT: 12.483 min Scan# 117762
Delta R.T. 0.006 min
Lab File: VY015333.D
Acq: 25 Aug 2023 11:30

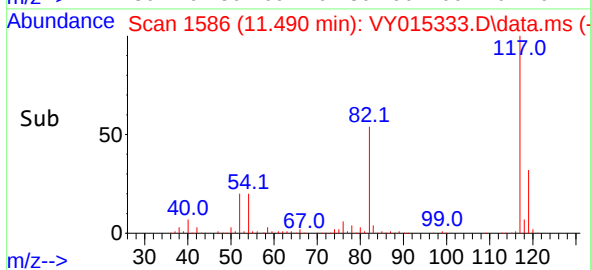
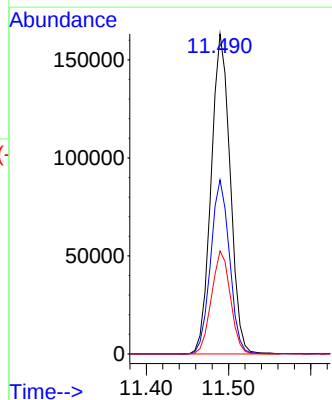
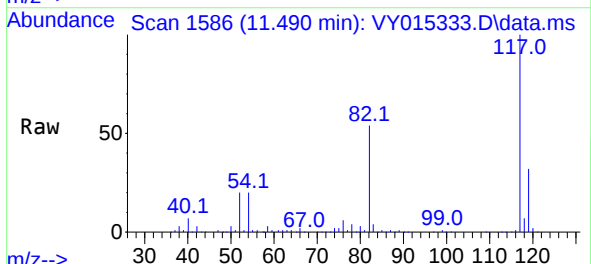
Instrument :
MSVOA_Y
ClientSampleId :

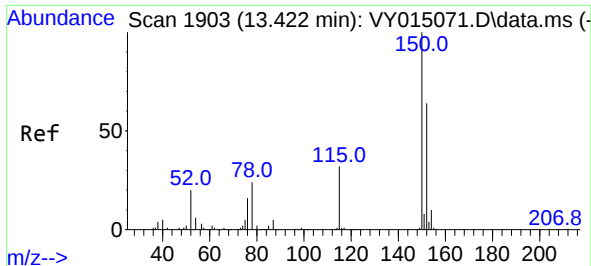
Tgt Ion: 95 Resp: 117762
Ion Ratio Lower Upper
95 100
174 85.3 0.0 178.2
176 83.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015333.D
Acq: 25 Aug 2023 11:30

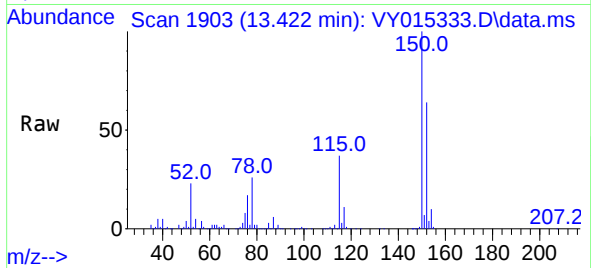
Tgt Ion: 117 Resp: 262553
Ion Ratio Lower Upper
117 100
82 54.4 43.4 65.0
119 32.2 26.3 39.5



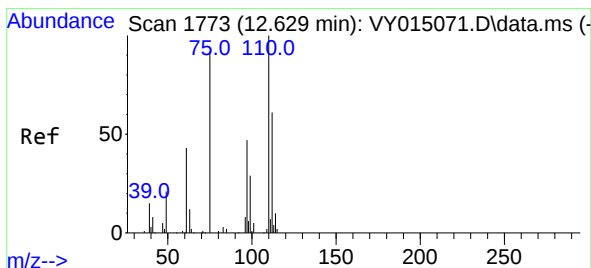
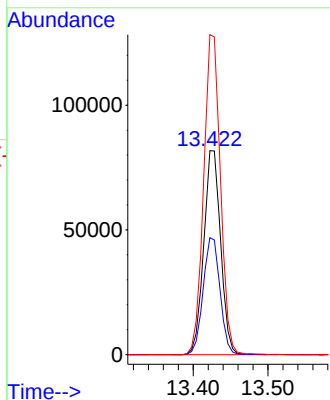
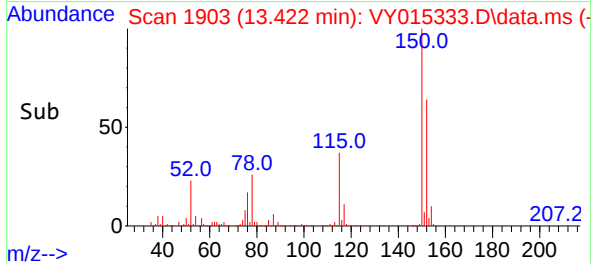


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015333.D
Acq: 25 Aug 2023 11:30

Instrument :
MSVOA_Y
ClientSampleId :

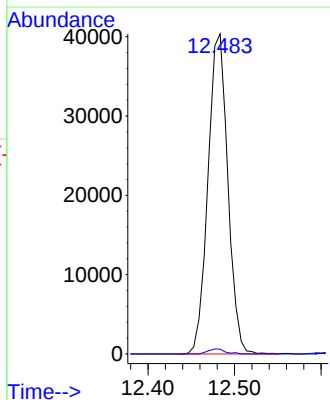
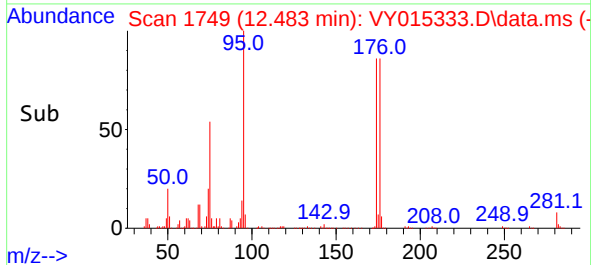
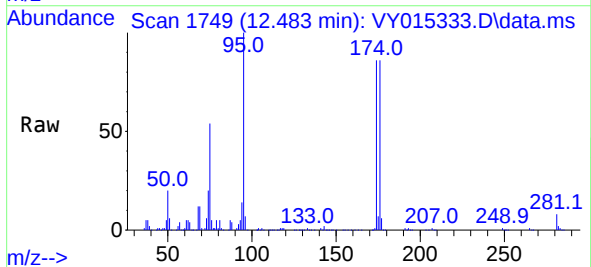


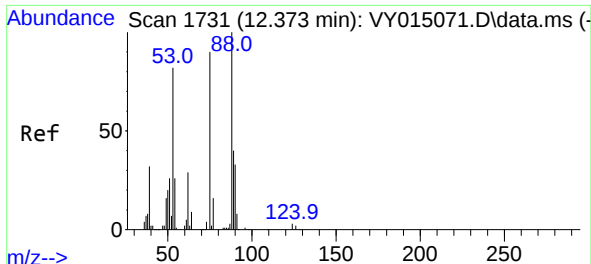
Tgt Ion:152 Resp: 128552
Ion Ratio Lower Upper
152 100
115 57.2 28.8 86.5
150 155.6 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 41.122 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015333.D
Acq: 25 Aug 2023 11:30

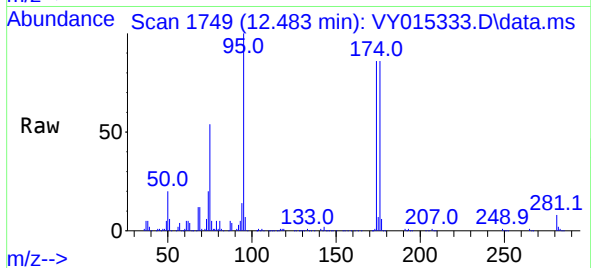
Tgt Ion: 75 Resp: 64225
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



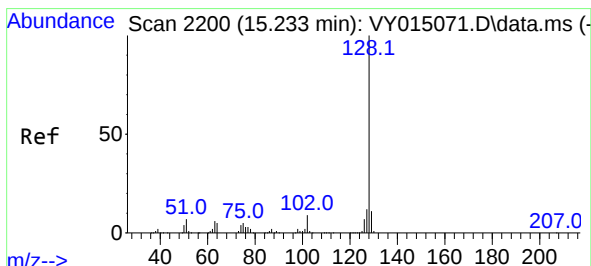
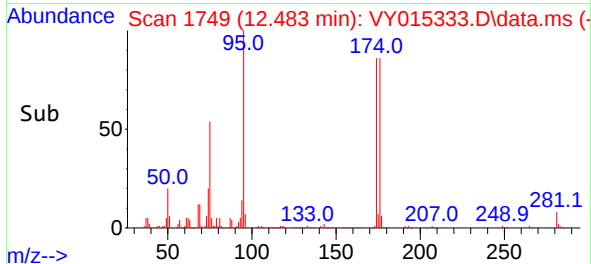
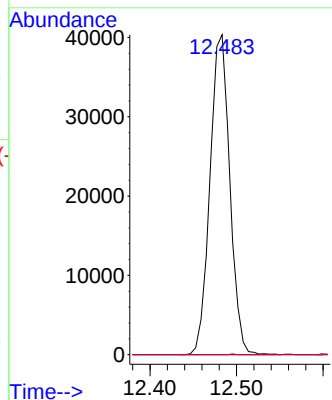


#81
trans-1,4-Dichloro-2-butene
Concen: 90.324 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY015333.D
Acq: 25 Aug 2023 11:30

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 64225
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#



#95
Naphthalene
Concen: 1.713 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY015333.D
Acq: 25 Aug 2023 11:30

Tgt Ion:128 Resp: 10230
Ion Ratio Lower Upper
128 100
127 13.1 10.8 16.2
129 10.9 8.6 13.0

