

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013024\
 Data File : VY017144.D
 Acq On : 30 Jan 2024 15:25
 Operator : SY/MD
 Sample : P1285-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 31 00:28:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

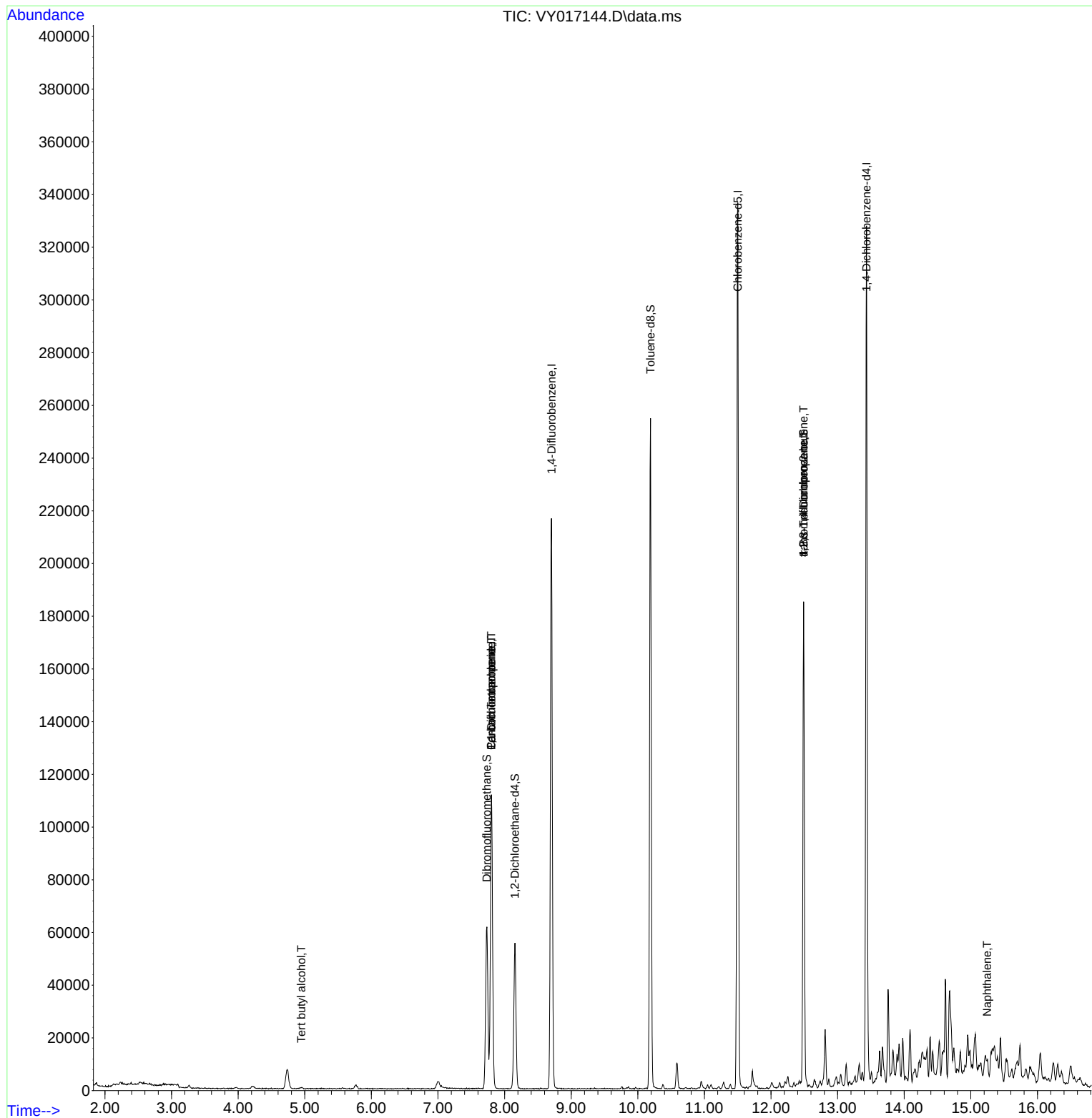
Internal Standards						
1) Pentafluorobenzene	7.801	168	85014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	185006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	186054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	77056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	41793	50.456	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.920%	
35) Dibromofluoromethane	7.734	113	45102	40.393	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 80.780%	
50) Toluene-d8	10.191	98	163661	38.806	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 77.620%	
62) 4-Bromofluorobenzene	12.489	95	55722	42.890	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.780%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	99	Below Cal	#	40
3) Chloromethane	2.131	50	115	Below Cal	#	41
4) Vinyl Chloride	2.266	62	41	Below Cal	#	43
5) Bromomethane	2.668	94	73	Below Cal		95
7) Trichlorofluoromethane	3.137	101	77	Below Cal	#	18
11) Tert butyl alcohol	4.948	59	298	4.622	ug/l #	75
16) Acetone	3.966	43	741	Below Cal	#	88
25) 2-Butanone	6.996	43	62	Below Cal	#	48
31) Cyclohexane	7.795	56	2072	Below Cal	#	36
36) 1,1-Dichloropropene	7.801	75	7362	4.007	ug/l #	49
38) Carbon Tetrachloride	7.801	117	8291	4.605	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	29826	31.889	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	29826	82.557	ug/l #	12
95) Naphthalene	15.245	128	2262	1.060	ug/l	95

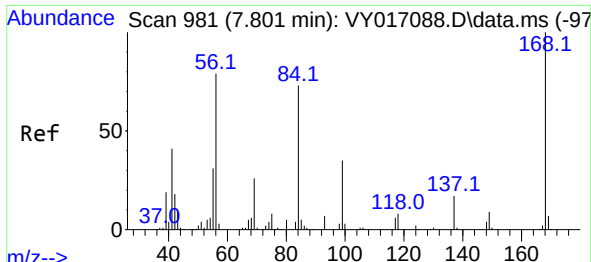
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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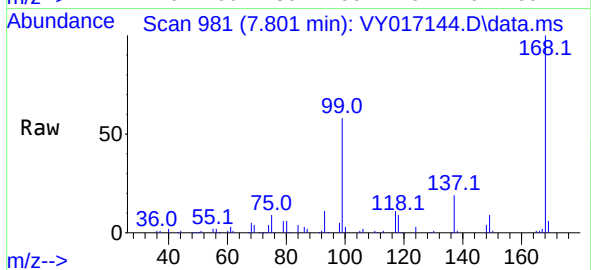
Quant Time: Jan 31 00:28:27 2024
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Quant Title : SW846 8260
QLast Update : Thu Jan 25 04:44:10 2024
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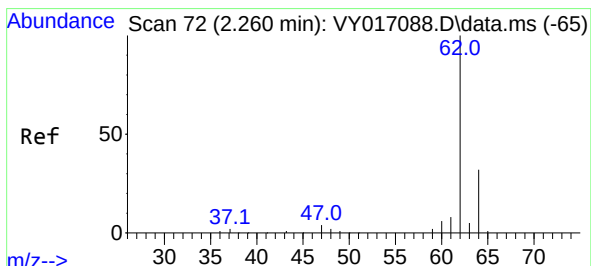
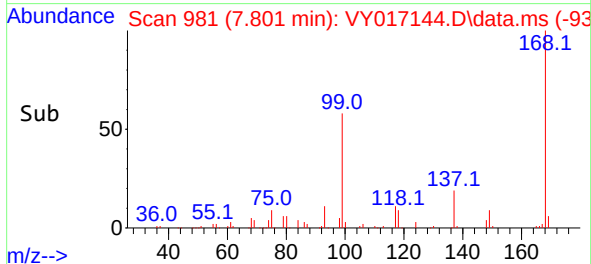
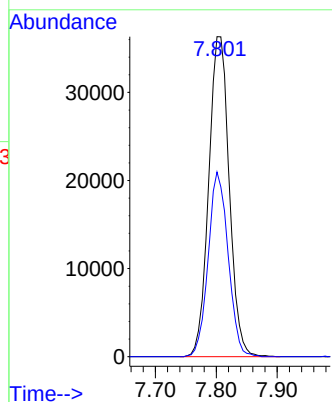


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017144.D
Acq: 30 Jan 2024 15:25

Instrument :
MSVOA_Y
ClientSampleId :

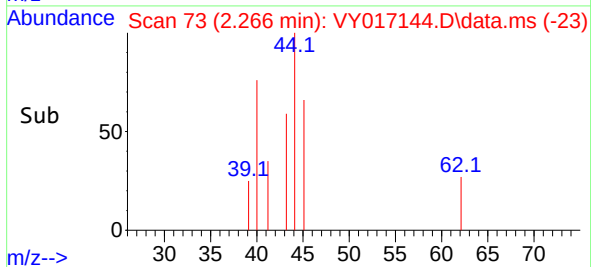
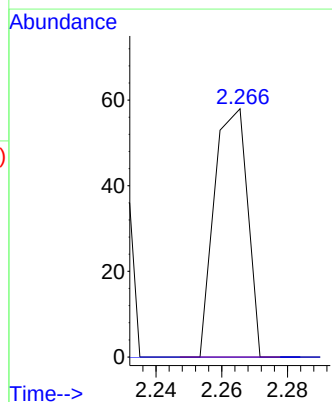
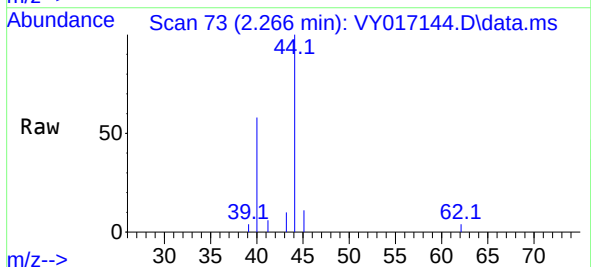


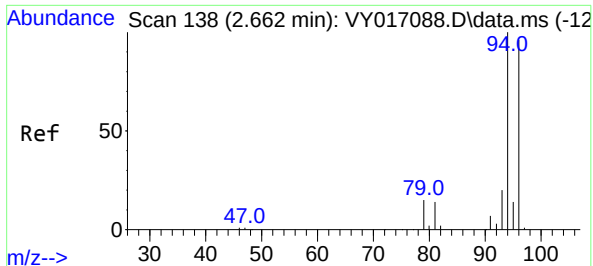
Tgt Ion:168 Resp: 85014
Ion Ratio Lower Upper
168 100
99 57.7 44.2 66.4



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.266 min Scan# 73
Delta R.T. 0.007 min
Lab File: VY017144.D
Acq: 30 Jan 2024 15:25

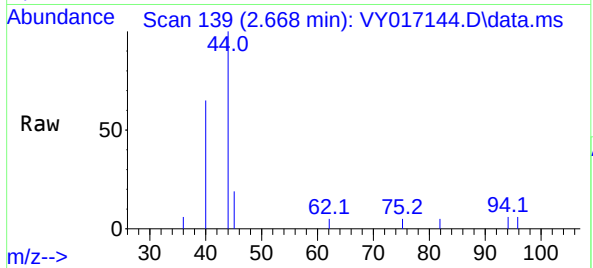
Tgt Ion: 62 Resp: 41
Ion Ratio Lower Upper
62 100
64 0.0 25.7 38.5#



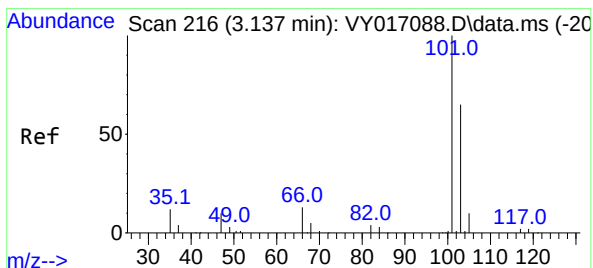
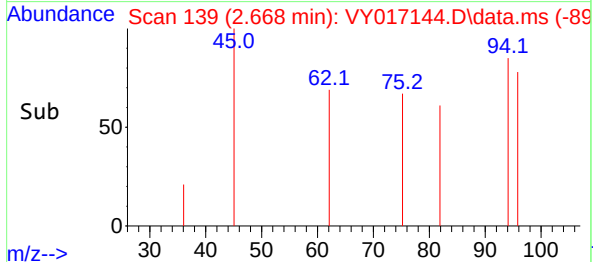
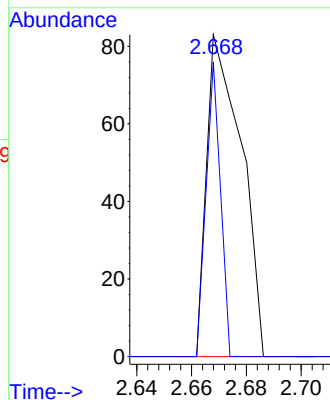


#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017144.D
Acq: 30 Jan 2024 15:25

Instrument :
MSVOA_Y
ClientSampleId :

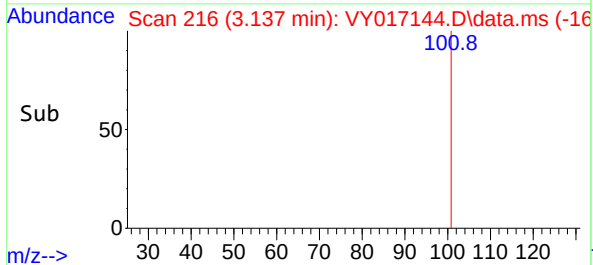
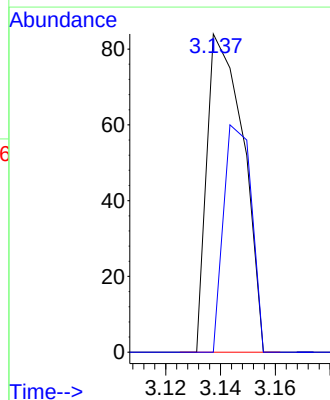
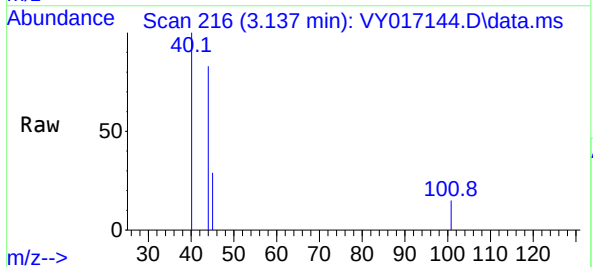


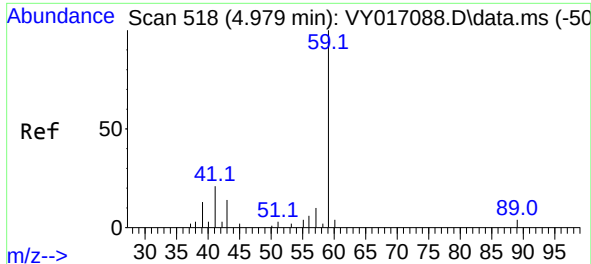
Tgt Ion: 94 Resp: 73
Ion Ratio Lower Upper
94 100
96 91.6 77.3 115.9



#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.137 min Scan# 216
Delta R.T. 0.000 min
Lab File: VY017144.D
Acq: 30 Jan 2024 15:25

Tgt Ion:101 Resp: 77
Ion Ratio Lower Upper
101 100
103 0.0 51.9 77.9#

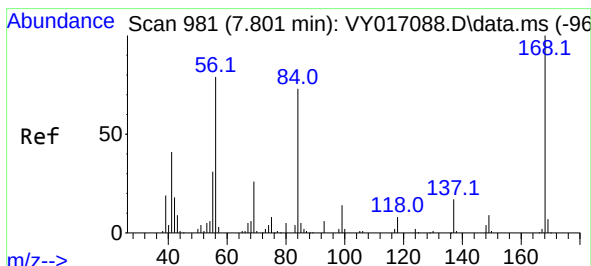
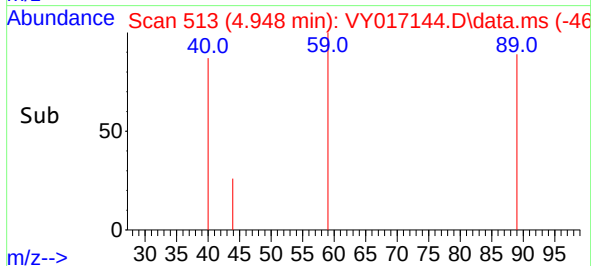
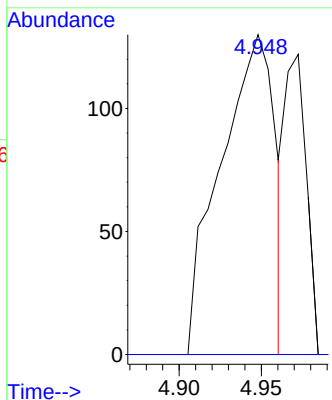
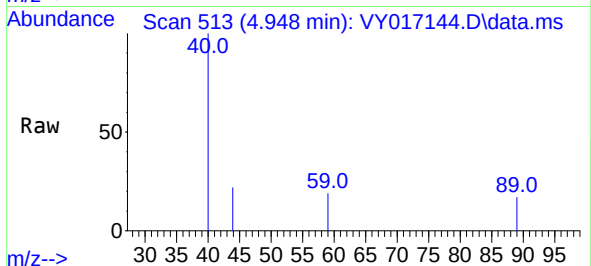




#11
Tert butyl alcohol
Concen: 4.622 ug/l
RT: 4.948 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY017144.D
Acq: 30 Jan 2024 15:25

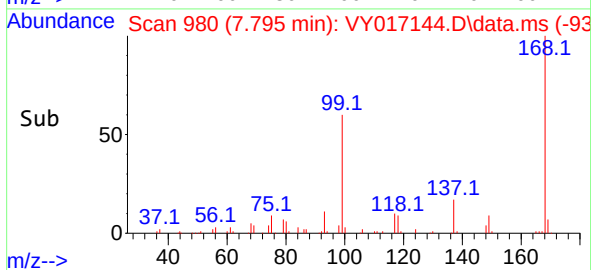
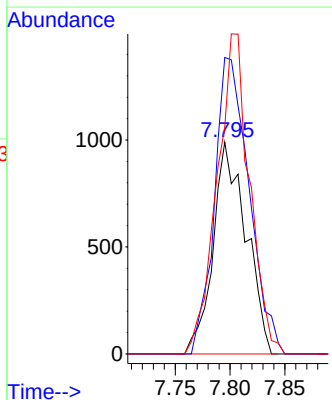
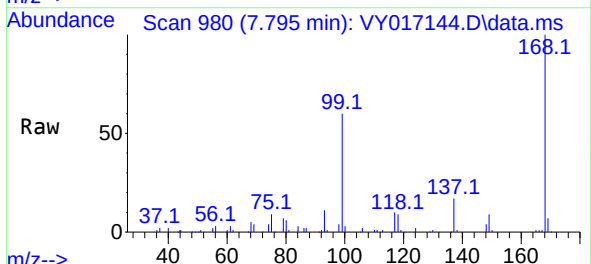
Instrument :
MSVOA_Y
ClientSampleId :

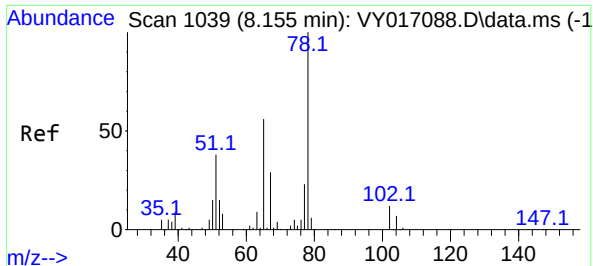
Tgt Ion: 59 Resp: 298
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY017144.D
Acq: 30 Jan 2024 15:25

Tgt Ion: 56 Resp: 2072
Ion Ratio Lower Upper
56 100
69 140.0 27.0 40.6#
84 107.0 71.8 107.6





#33

1,2-Dichloroethane-d4

Concen: 50.456 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY017144.D

Acq: 30 Jan 2024 15:25

Instrument :

MSVOA_Y

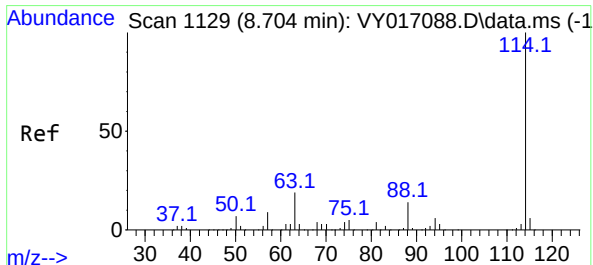
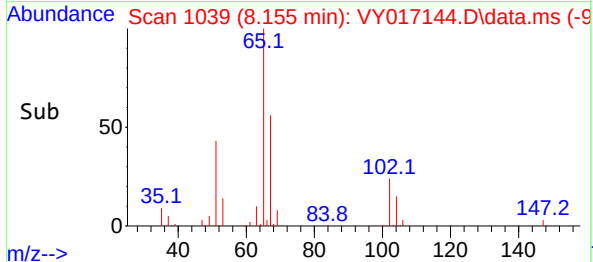
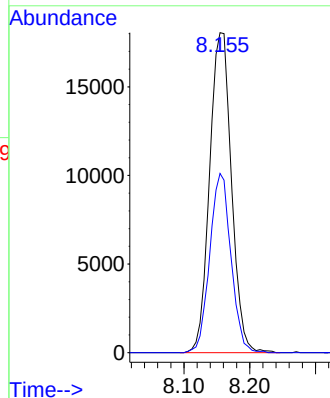
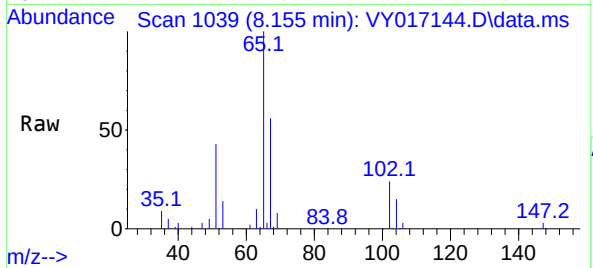
ClientSampleId :

Tgt Ion: 65 Resp: 41793

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY017144.D

Acq: 30 Jan 2024 15:25

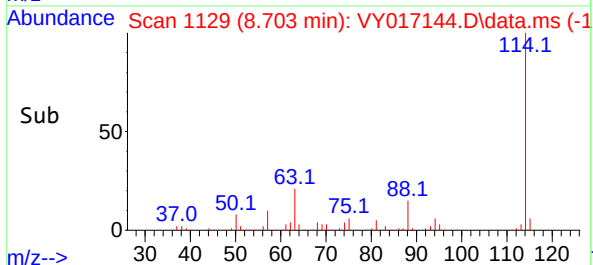
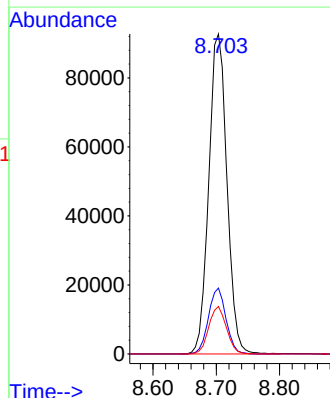
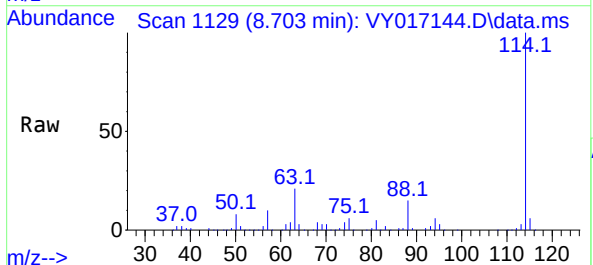
Tgt Ion: 114 Resp: 185006

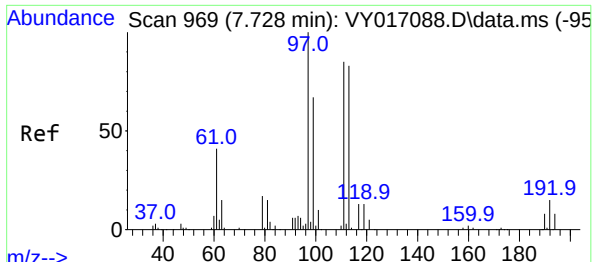
Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

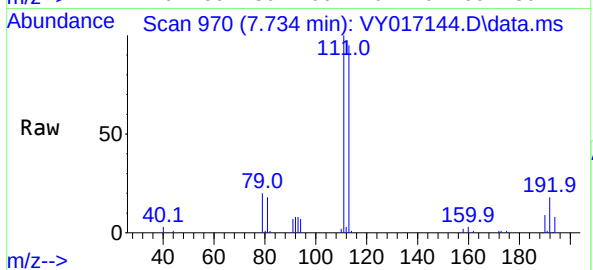
88 14.9 0.0 29.0



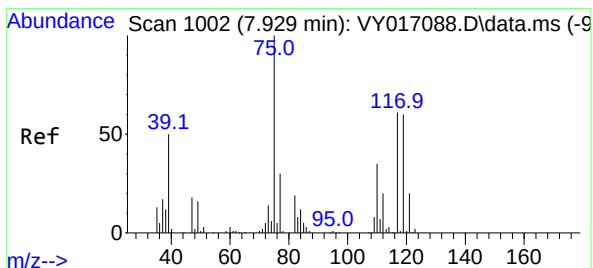
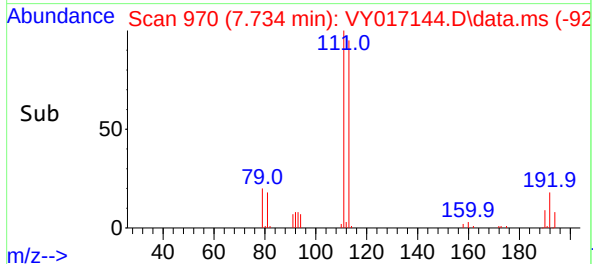
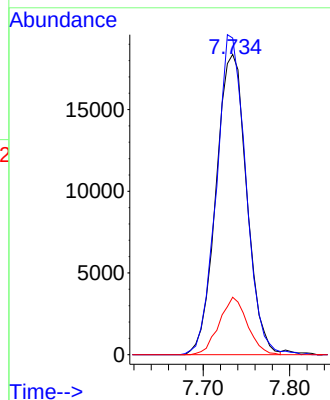


#35
Dibromofluoromethane
Concen: 40.393 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017144.D
Acq: 30 Jan 2024 15:25

Instrument :
MSVOA_Y
ClientSampleId :

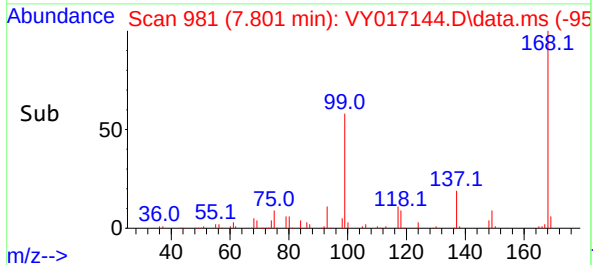
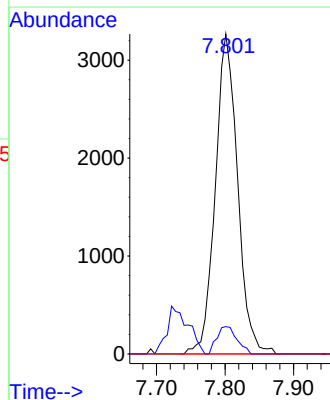
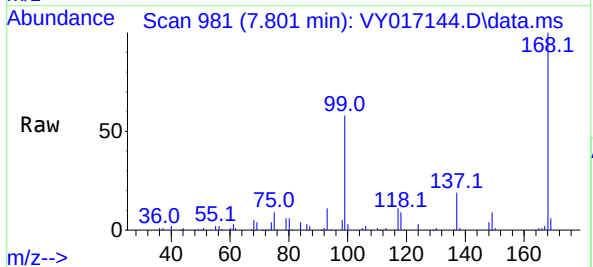


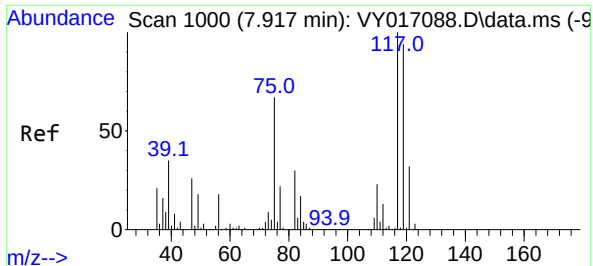
Tgt Ion:113 Resp: 45102
Ion Ratio Lower Upper
113 100
111 102.5 83.8 125.6
192 17.6 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.007 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY017144.D
Acq: 30 Jan 2024 15:25

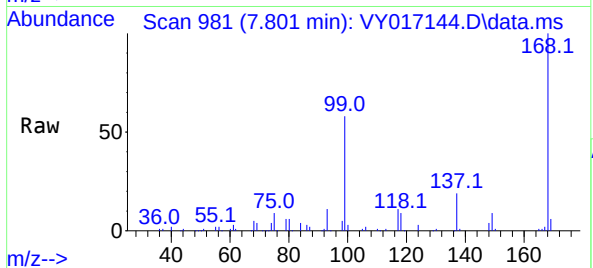
Tgt Ion: 75 Resp: 7362
Ion Ratio Lower Upper
75 100
110 7.7 17.4 52.3#
77 0.0 24.7 37.1#



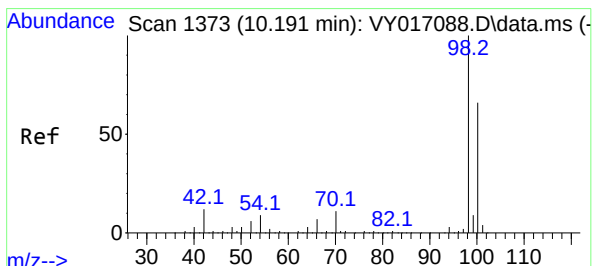
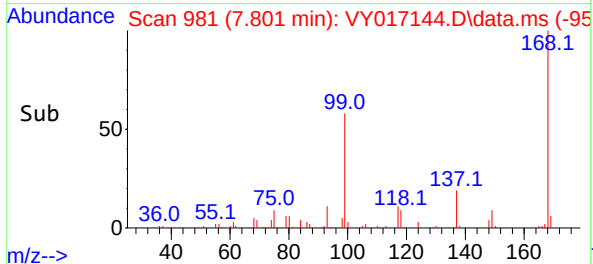
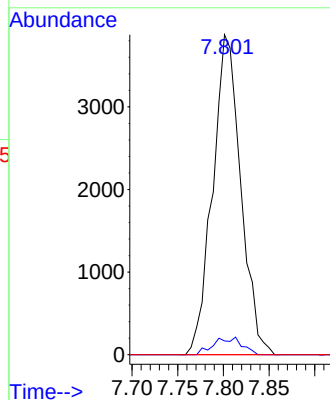


#38
Carbon Tetrachloride
Concen: 4.605 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY017144.D
Acq: 30 Jan 2024 15:25

Instrument :
MSVOA_Y
ClientSampleId :

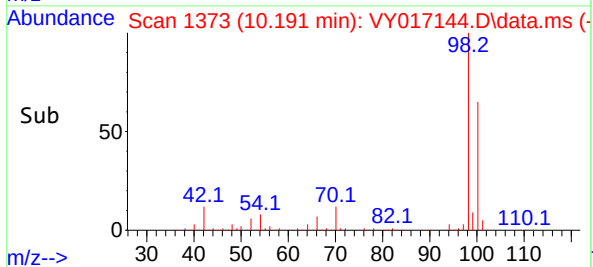
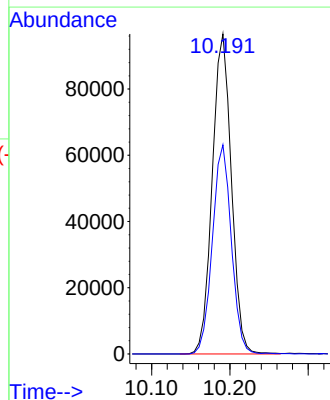
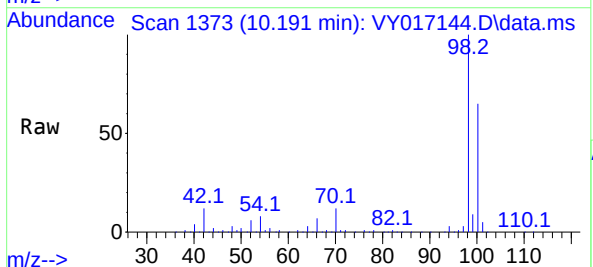


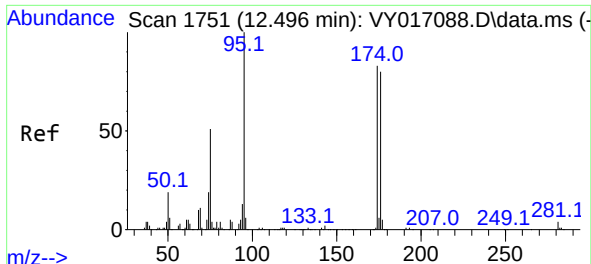
Tgt Ion:117 Resp: 8291
Ion Ratio Lower Upper
117 100
119 4.3 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 38.806 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY017144.D
Acq: 30 Jan 2024 15:25

Tgt Ion: 98 Resp: 163661
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5

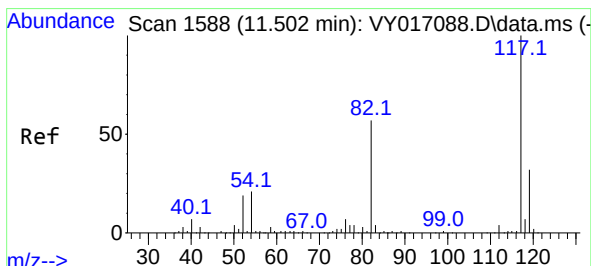
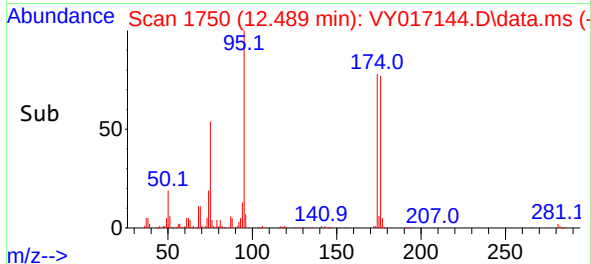
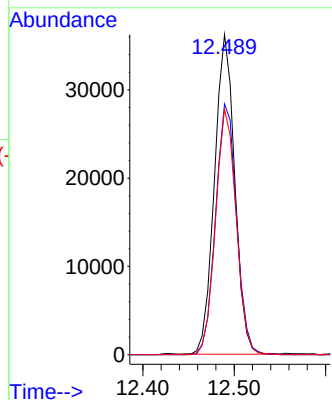
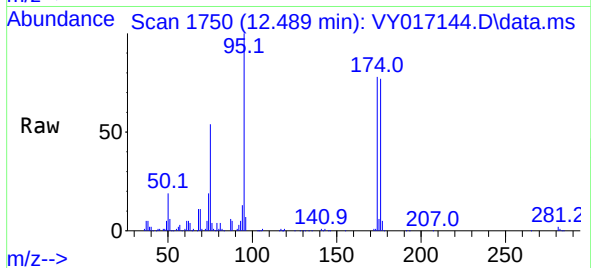




#62
4-Bromofluorobenzene
Concen: 42.890 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017144.D
Acq: 30 Jan 2024 15:25

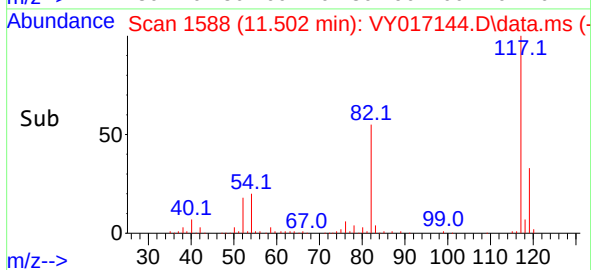
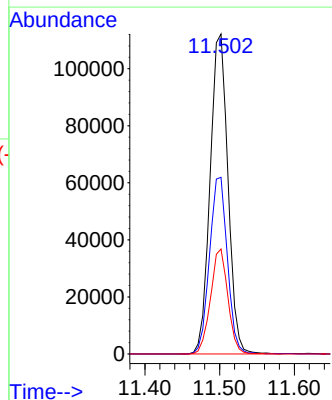
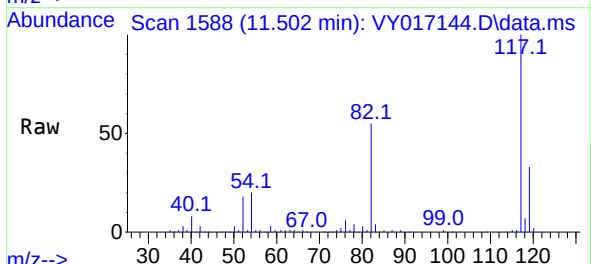
Instrument :
MSVOA_Y
ClientSampleId :

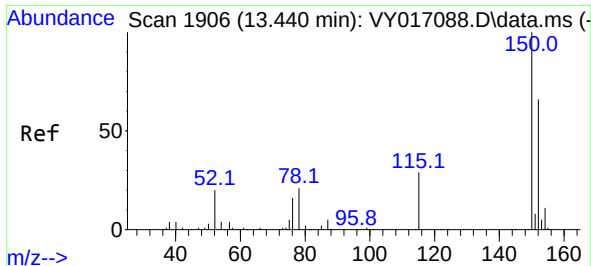
Tgt Ion: 95 Resp: 55722
Ion Ratio Lower Upper
95 100
174 81.3 0.0 160.0
176 78.1 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY017144.D
Acq: 30 Jan 2024 15:25

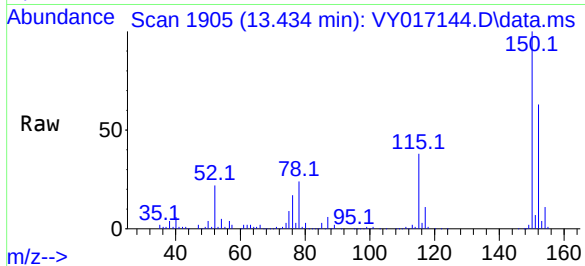
Tgt Ion: 117 Resp: 186054
Ion Ratio Lower Upper
117 100
82 55.2 43.8 65.8
119 32.8 26.5 39.7



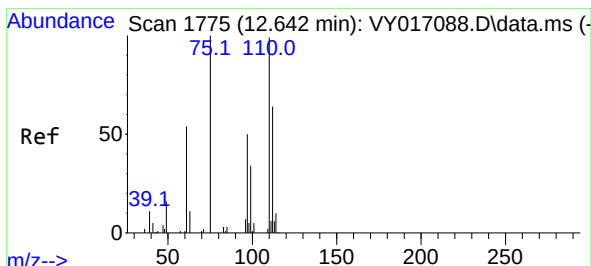
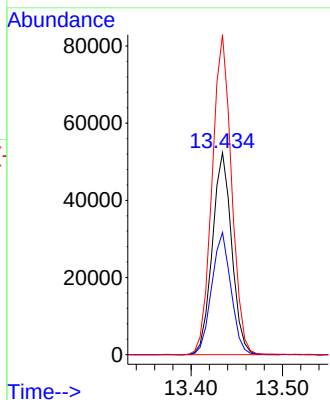
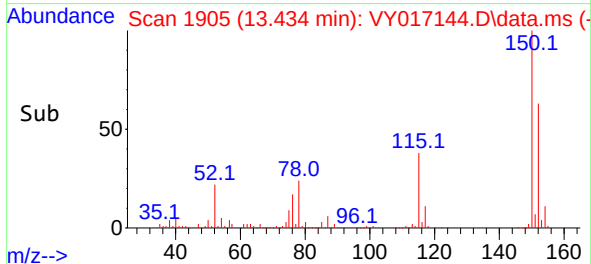


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017144.D
Acq: 30 Jan 2024 15:25

Instrument :
MSVOA_Y
ClientSampleId :

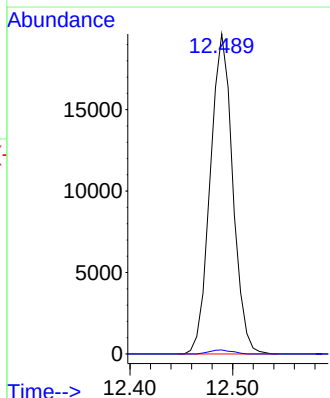
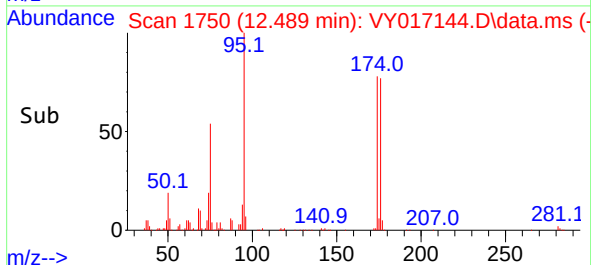
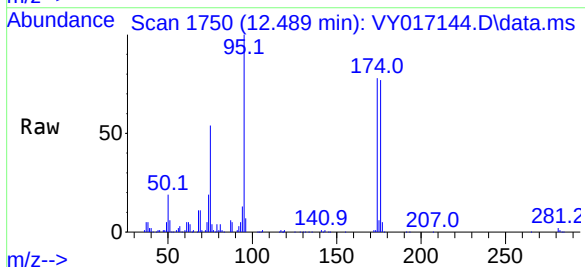


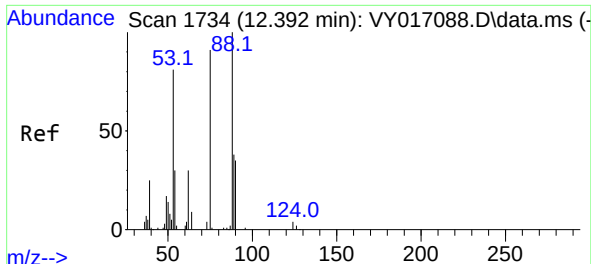
Tgt Ion:152 Resp: 77056
Ion Ratio Lower Upper
152 100
115 60.2 30.0 90.0
150 159.6 0.0 344.6



#76
1,2,3-Trichloropropane
Concen: 31.889 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY017144.D
Acq: 30 Jan 2024 15:25

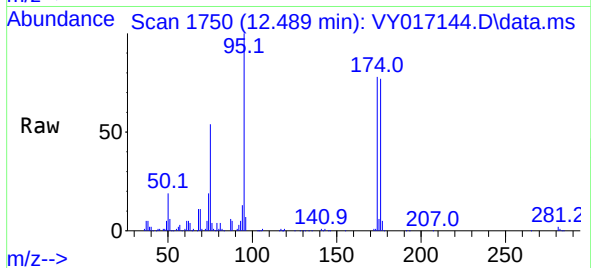
Tgt Ion: 75 Resp: 29826
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



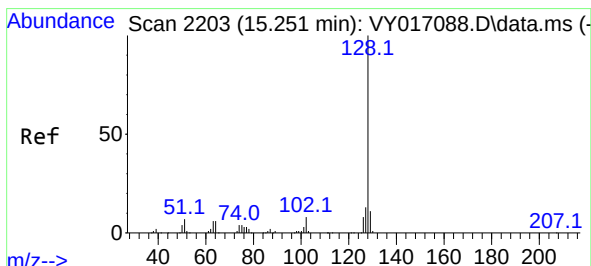
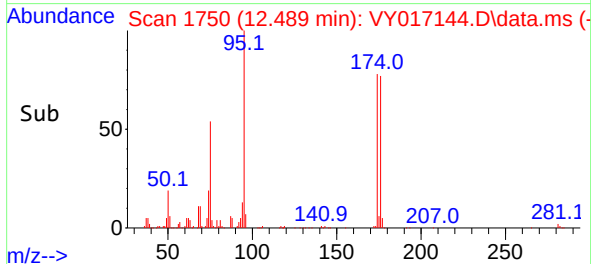
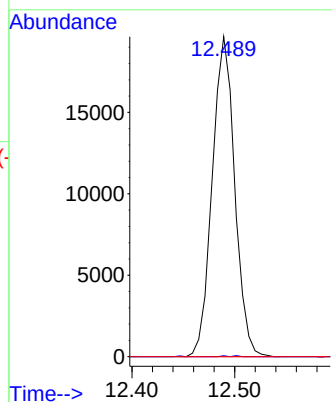


#81
trans-1,4-Dichloro-2-butene
Concen: 82.557 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY017144.D
Acq: 30 Jan 2024 15:25

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 29826
Ion Ratio Lower Upper
75 100
53 0.1 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 1.060 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY017144.D
Acq: 30 Jan 2024 15:25

Tgt Ion: 128 Resp: 2262
Ion Ratio Lower Upper
128 100
127 10.7 10.2 15.4
129 12.6 8.6 12.8

