

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041224\
 Data File : VY017926.D
 Acq On : 12 Apr 2024 15:57
 Operator : SY/MD
 Sample : P2090-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 13 00:35:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	32857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	46049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	34888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	11416	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	13595	47.82	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.64%
35) Dibromofluoromethane	7.716	113	16234	61.01	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.02%
50) Toluene-d8	10.179	98	51017	51.33	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.66%
62) 4-Bromofluorobenzene	12.483	95	8632	28.54	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	57.08%

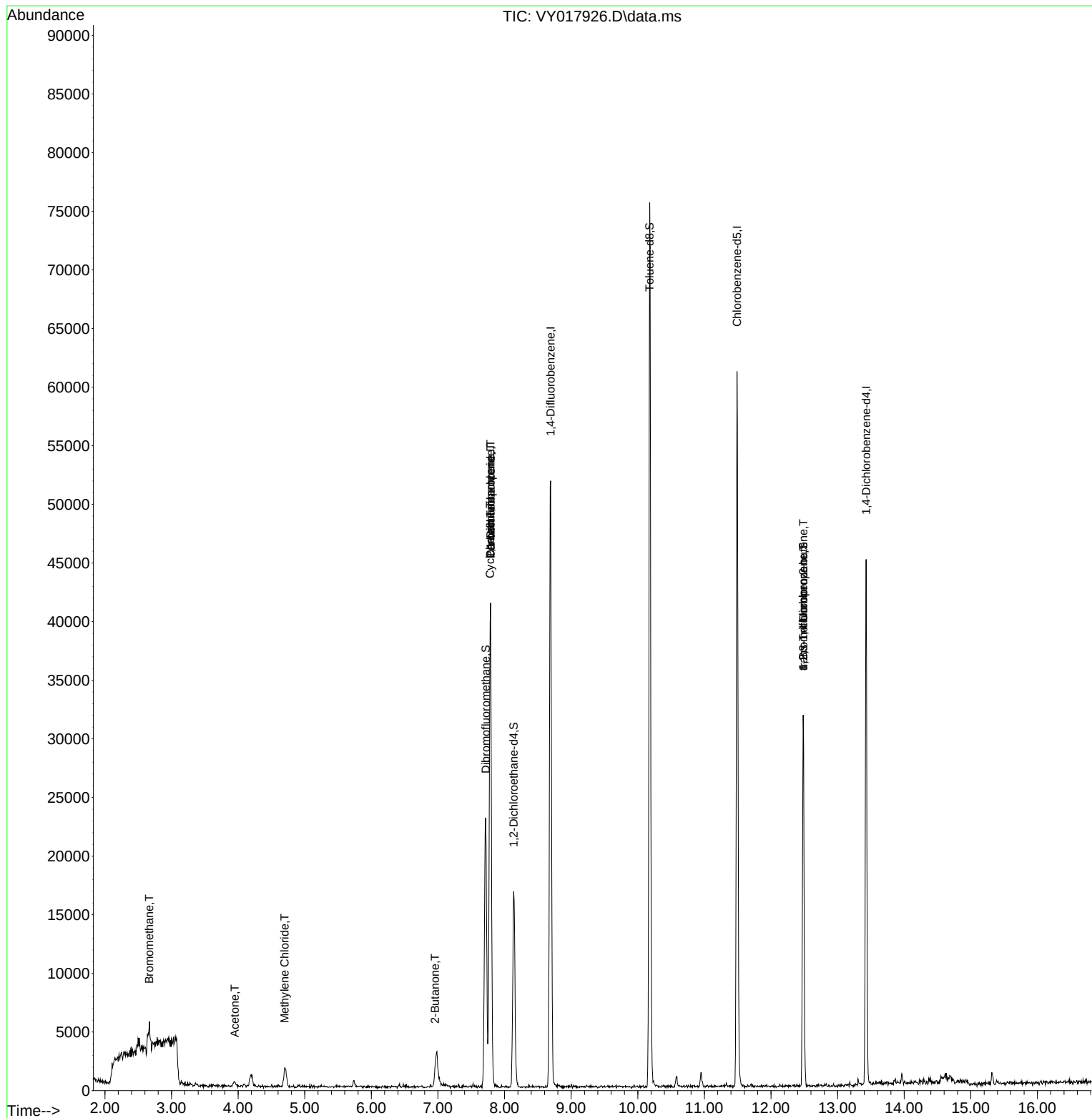
Target Compounds						Qvalue
5) Bromomethane	2.662	94	847	1.87	ug/l #	71
16) Acetone	3.948	43	851	14.48	ug/l	94
20) Methylene Chloride	4.698	84	1383	1.25	ug/l #	77
25) 2-Butanone	6.954	43	225	2.69	ug/l #	41
31) Cyclohexane	7.783	56	744	1.49	ug/l #	39
36) 1,1-Dichloropropene	7.789	75	2693	6.94	ug/l #	46
38) Carbon Tetrachloride	7.789	117	3266	8.10	ug/l #	13
51) 4-Methyl-2-Pentanone	10.081	43	88	Below Cal	#	31
76) 1,2,3-Trichloropropane	12.483	75	4981	47.88	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	4981	96.35	ug/l #	16

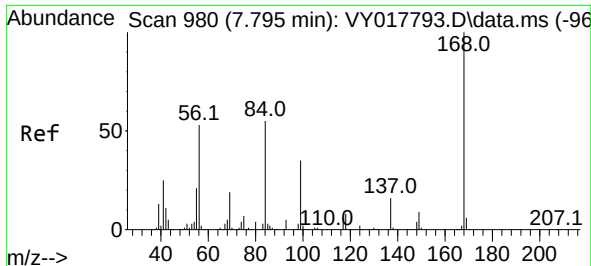
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 13 00:35:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
Response via : Initial Calibration

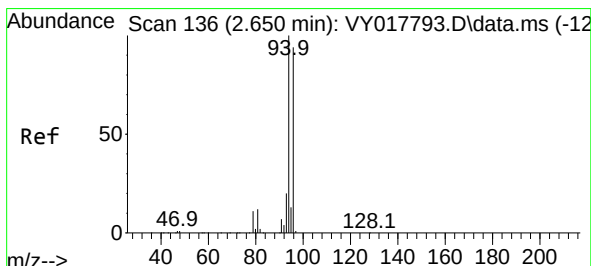
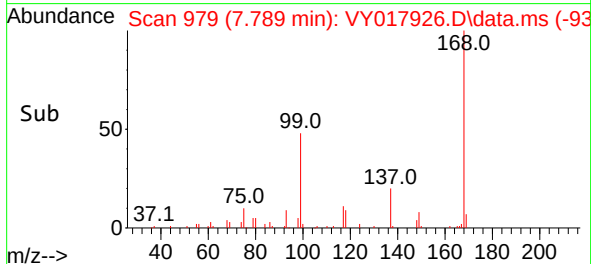
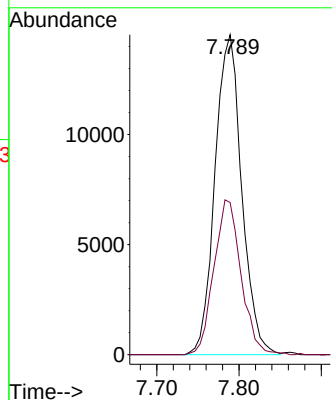
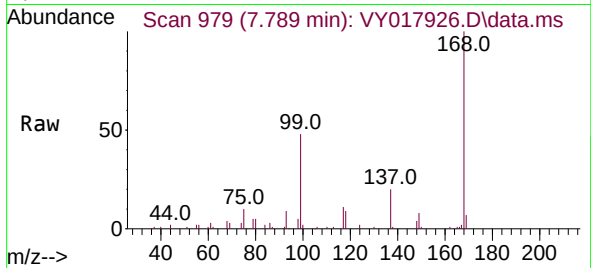




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017926.D
Acq: 12 Apr 2024 15:57

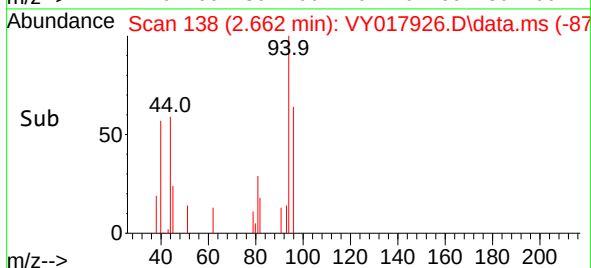
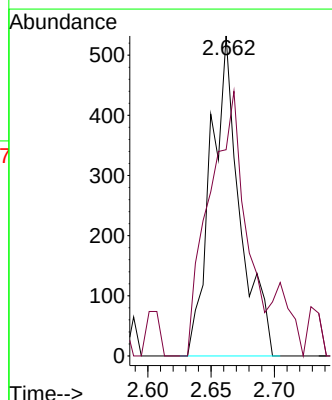
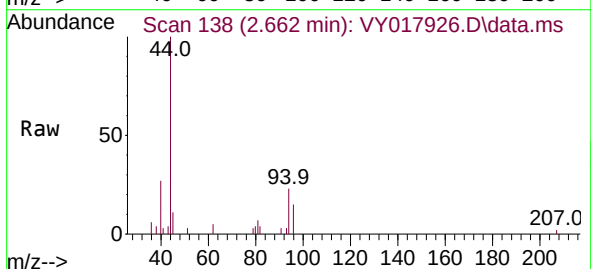
Instrument :
MSVOA_Y
ClientSampleId :

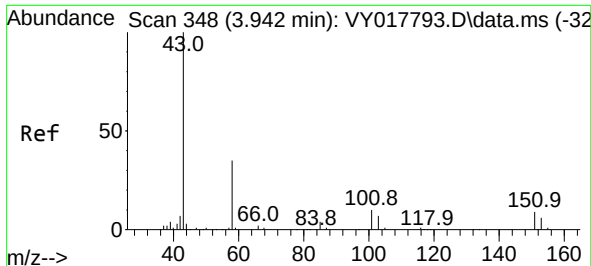
Tgt Ion:168 Resp: 32857
Ion Ratio Lower Upper
168 100
99 47.5 39.1 58.7



#5
Bromomethane
Concen: 1.87 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY017926.D
Acq: 12 Apr 2024 15:57

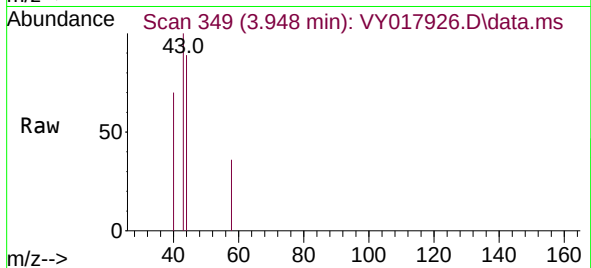
Tgt Ion: 94 Resp: 847
Ion Ratio Lower Upper
94 100
96 64.5 74.1 111.1#



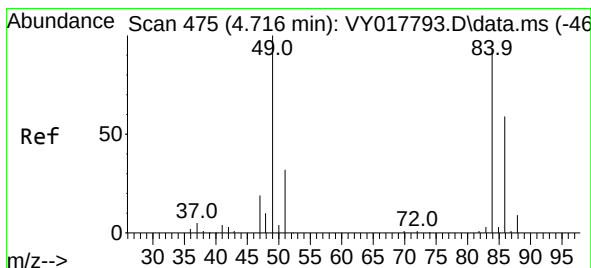
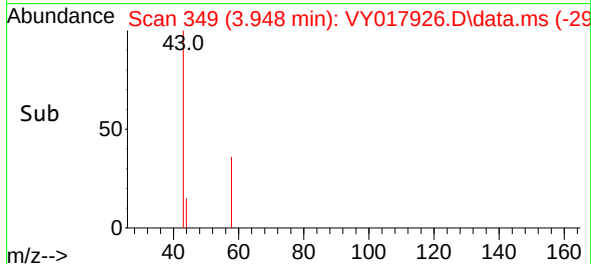
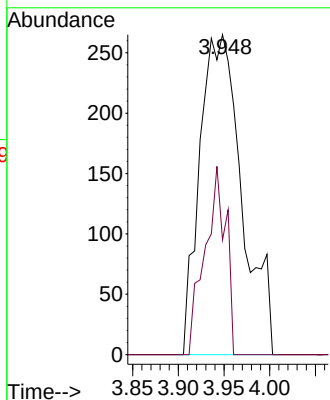


#16
Acetone
Concen: 14.48 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY017926.D
Acq: 12 Apr 2024 15:57

Instrument :
MSVOA_Y
ClientSampleId :

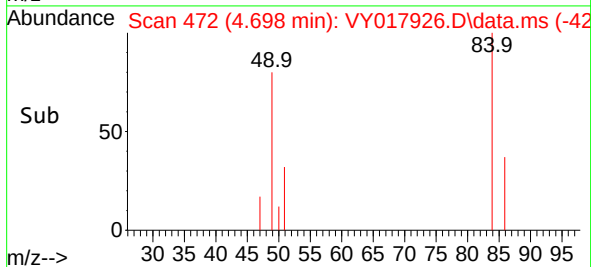
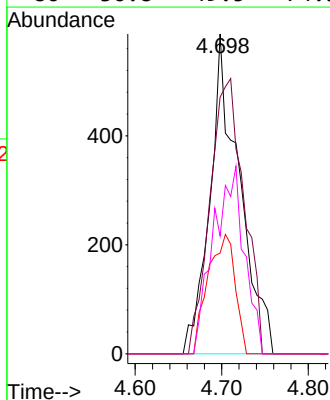
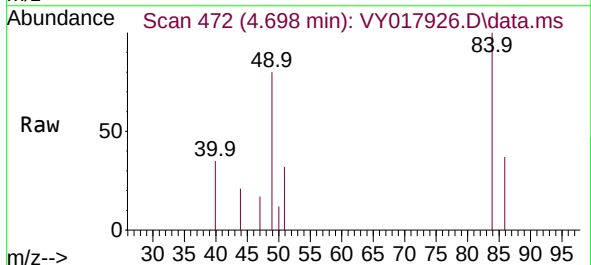


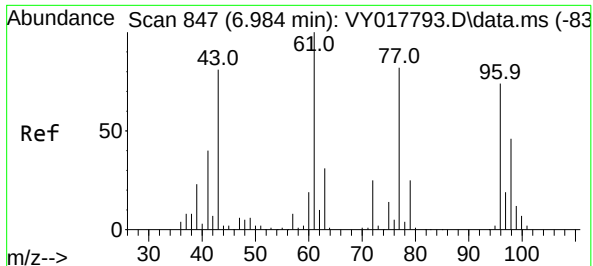
Tgt Ion: 43 Resp: 851
Ion Ratio Lower Upper
43 100
58 35.8 31.7 47.5



#20
Methylene Chloride
Concen: 1.25 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.018 min
Lab File: VY017926.D
Acq: 12 Apr 2024 15:57

Tgt Ion: 84 Resp: 1383
Ion Ratio Lower Upper
84 100
49 80.2 84.4 126.6#
51 31.5 26.0 39.0
86 36.8 49.5 74.3#

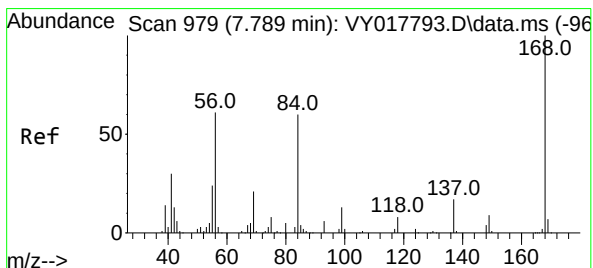
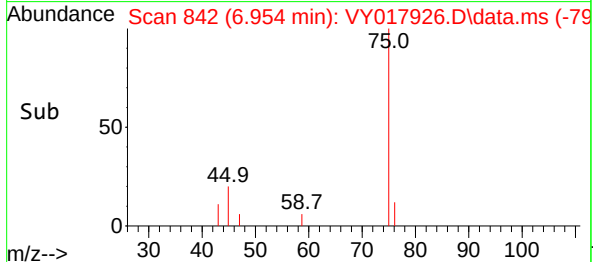
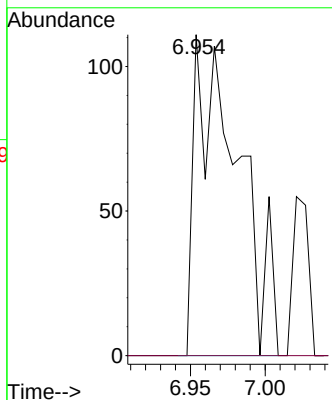
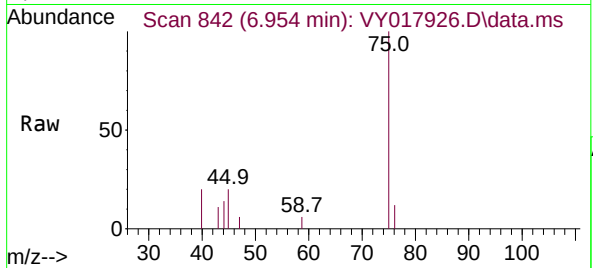




#25
2-Butanone
Concen: 2.69 ug/l
RT: 6.954 min Scan# 84
Delta R.T. -0.030 min
Lab File: VY017926.D
Acq: 12 Apr 2024 15:57

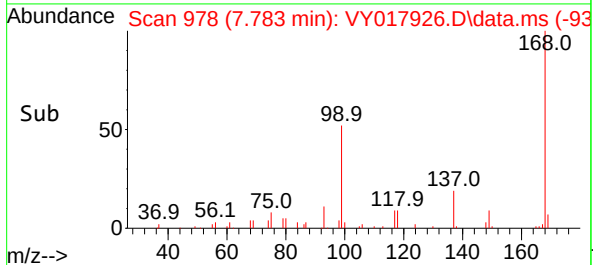
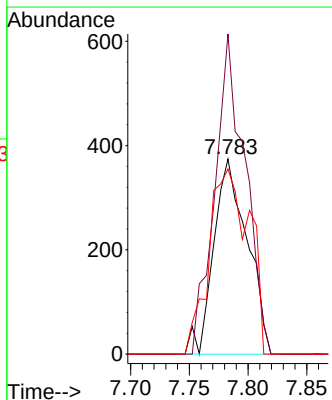
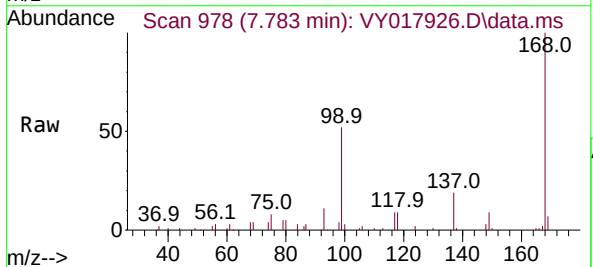
Instrument :
MSVOA_Y
ClientSampleId :

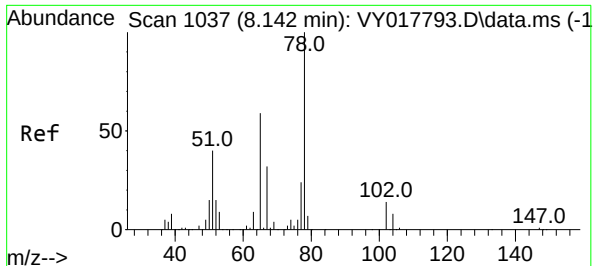
Tgt Ion: 43 Resp: 225
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.49 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY017926.D
Acq: 12 Apr 2024 15:57

Tgt Ion: 56 Resp: 744
Ion Ratio Lower Upper
56 100
69 164.2 28.7 43.1#
84 94.9 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 47.82 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY017926.D

Acq: 12 Apr 2024 15:57

Instrument :

MSVOA_Y

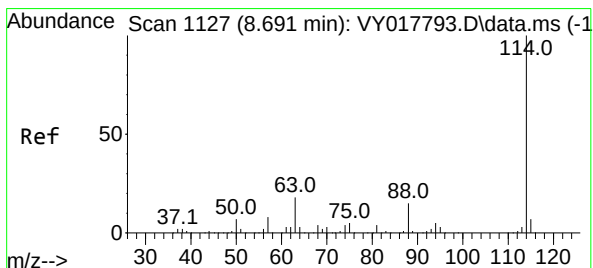
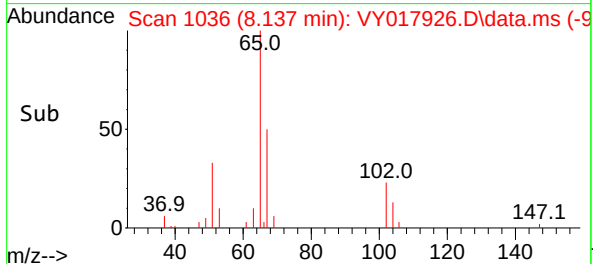
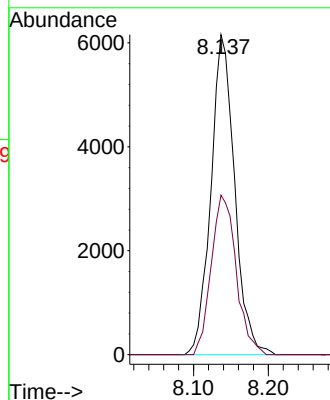
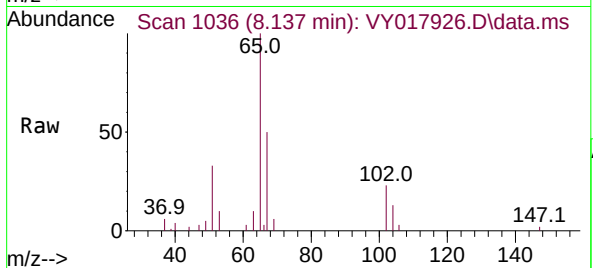
ClientSampleId :

Tgt Ion: 65 Resp: 13595

Ion Ratio Lower Upper

65 100

67 52.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017926.D

Acq: 12 Apr 2024 15:57

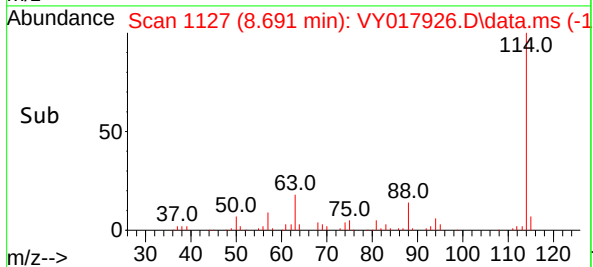
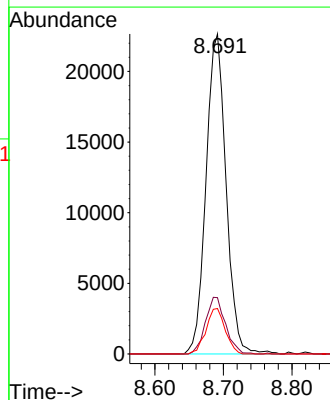
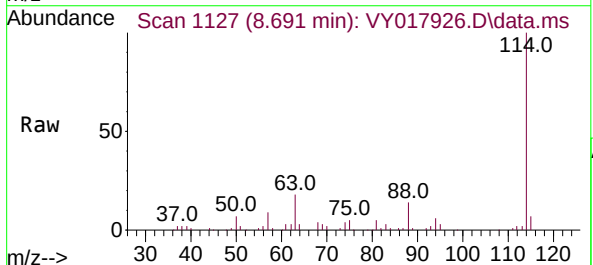
Tgt Ion: 114 Resp: 46049

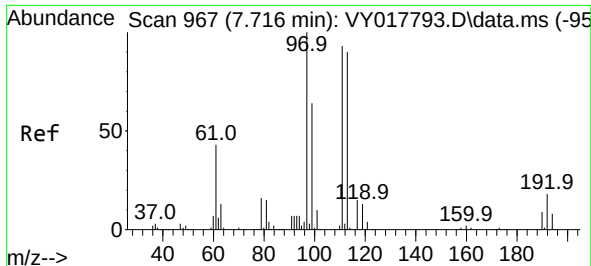
Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

88 14.2 0.0 27.2

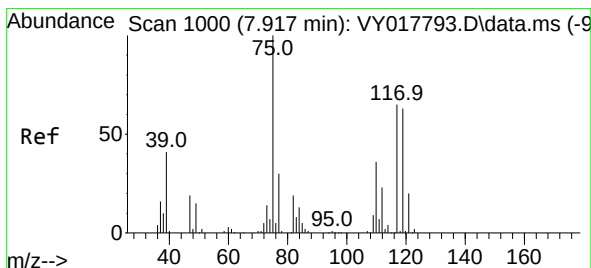
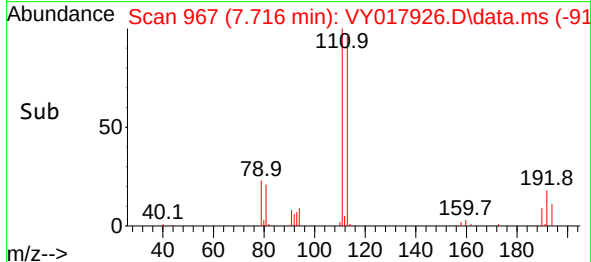
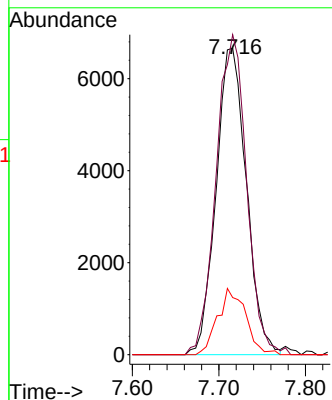
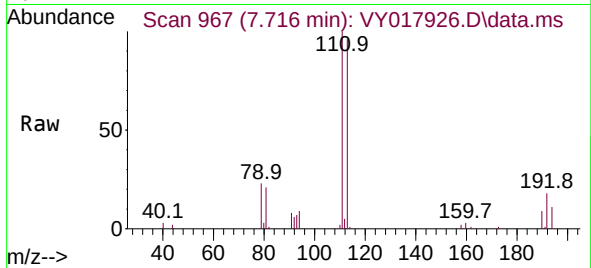




#35
Dibromofluoromethane
Concen: 61.01 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY017926.D
Acq: 12 Apr 2024 15:57

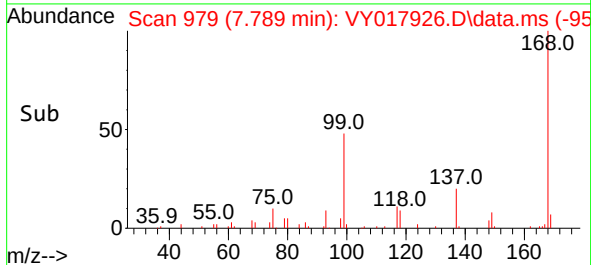
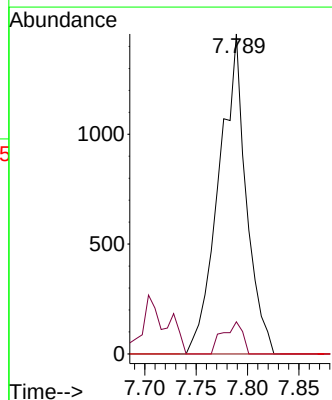
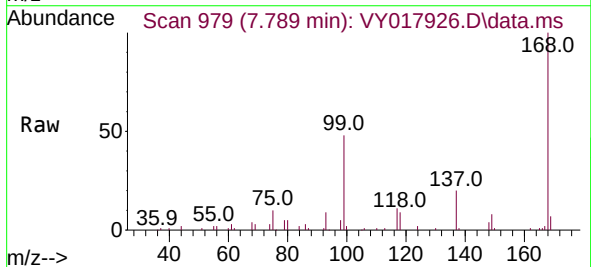
Instrument :
MSVOA_Y
ClientSampleId :

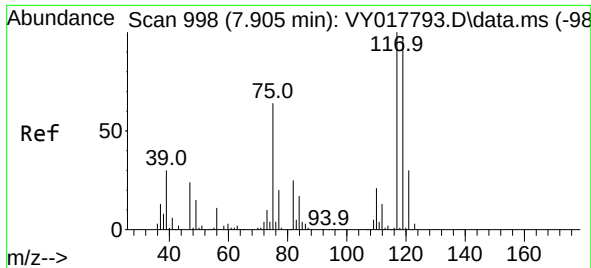
Tgt Ion:113 Resp: 16234
Ion Ratio Lower Upper
113 100
111 105.0 82.2 123.4
192 19.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 6.94 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY017926.D
Acq: 12 Apr 2024 15:57

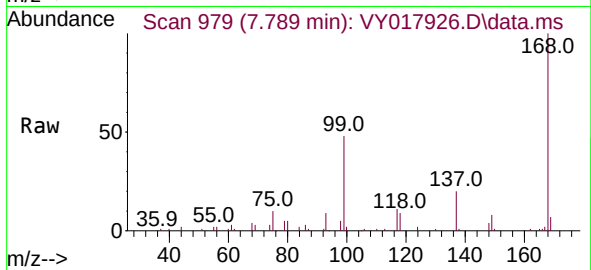
Tgt Ion: 75 Resp: 2693
Ion Ratio Lower Upper
75 100
110 7.2 19.0 57.0#
77 0.0 25.3 37.9#



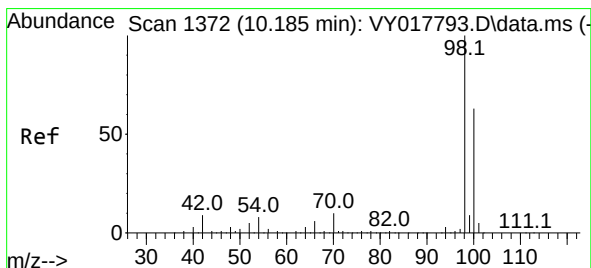
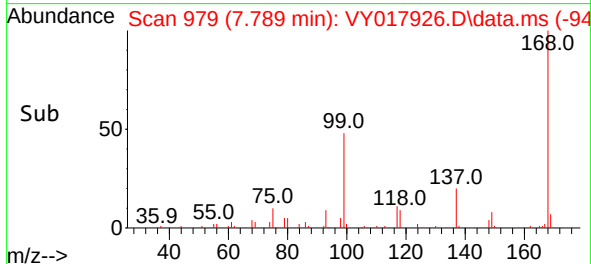
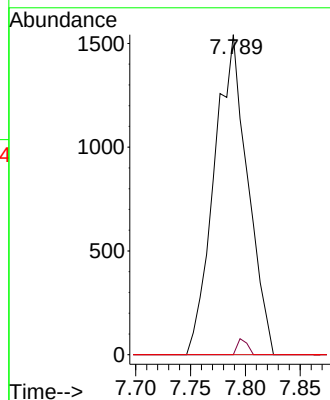


#38
Carbon Tetrachloride
Concen: 8.10 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017926.D
Acq: 12 Apr 2024 15:57

Instrument :
MSVOA_Y
ClientSampleId :

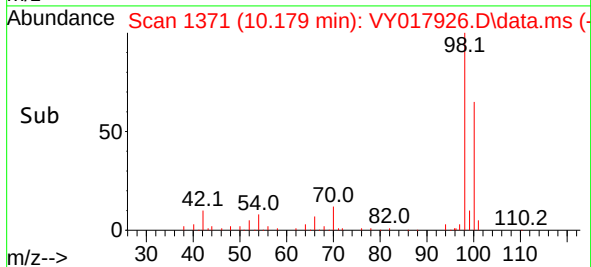
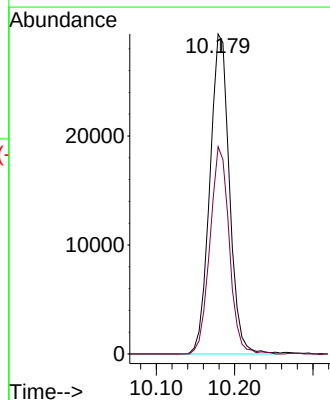
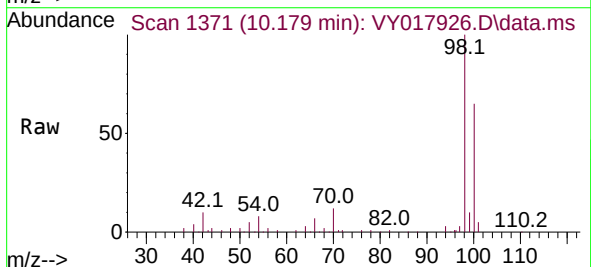


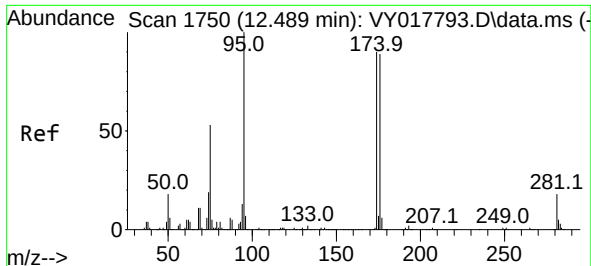
Tgt Ion:117 Resp: 3266
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 51.33 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY017926.D
Acq: 12 Apr 2024 15:57

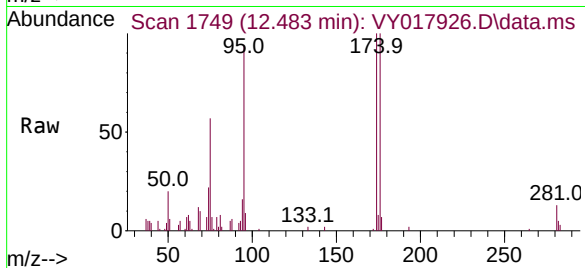
Tgt Ion: 98 Resp: 51017
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



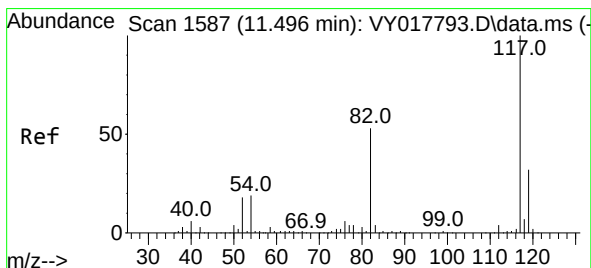
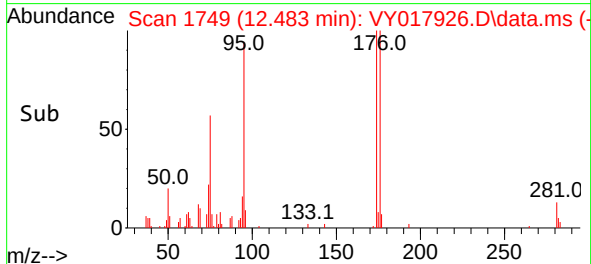
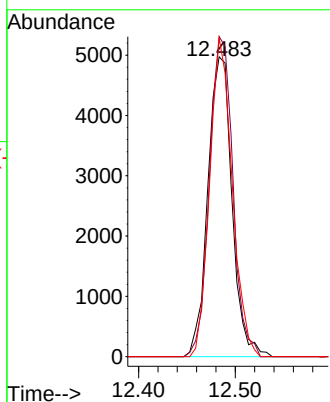


#62
4-Bromofluorobenzene
Concen: 28.54 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017926.D
Acq: 12 Apr 2024 15:57

Instrument :
MSVOA_Y
ClientSampleId :

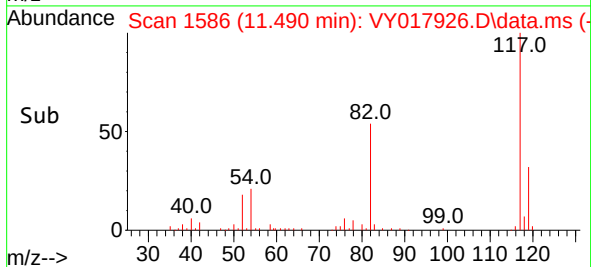
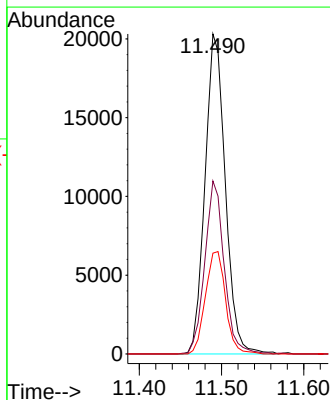
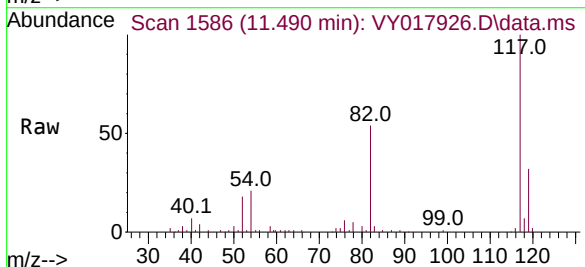


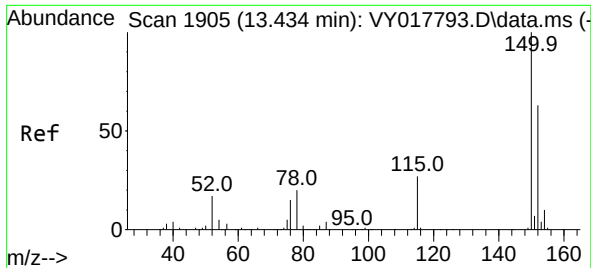
Tgt Ion: 95 Resp: 8632
Ion Ratio Lower Upper
95 100
174 103.7 0.0 175.6
176 99.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY017926.D
Acq: 12 Apr 2024 15:57

Tgt Ion: 117 Resp: 34888
Ion Ratio Lower Upper
117 100
82 54.1 42.4 63.6
119 31.5 25.9 38.9

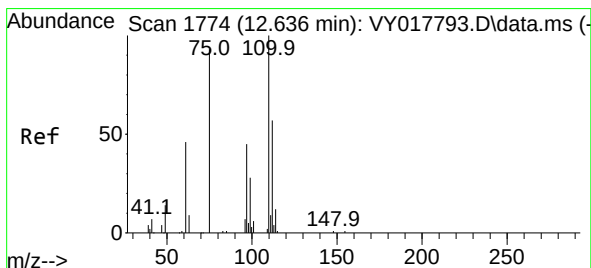
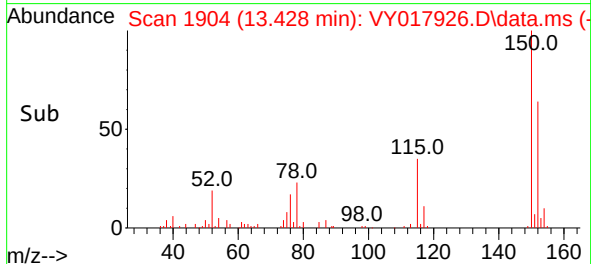
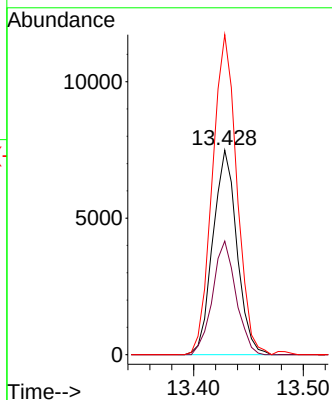
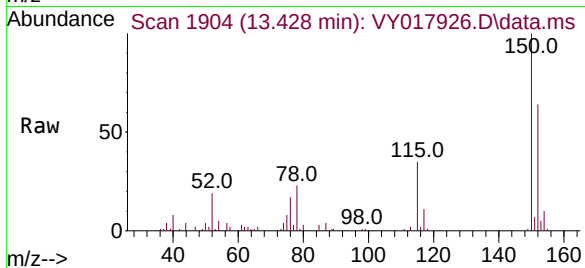




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1905
 Delta R.T. -0.006 min
 Lab File: VY017926.D
 Acq: 12 Apr 2024 15:57

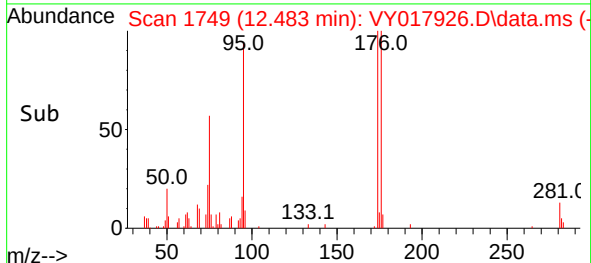
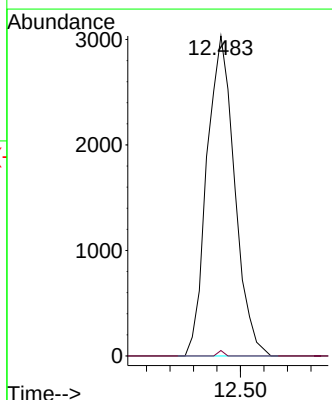
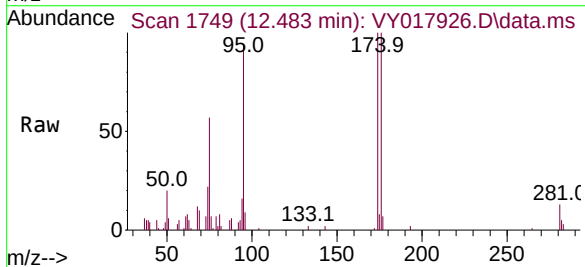
Instrument :
 MSVOA_Y
 ClientSampleId :

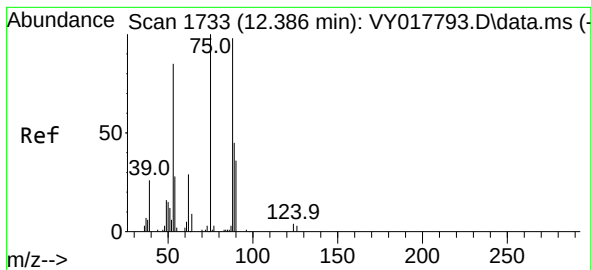
Tgt Ion:152 Resp: 11416
 Ion Ratio Lower Upper
 152 100
 115 54.1 28.2 84.7
 150 159.3 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 47.88 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY017926.D
 Acq: 12 Apr 2024 15:57

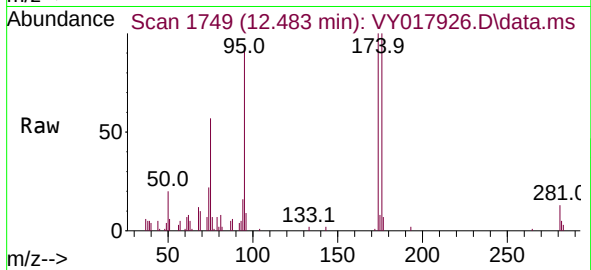
Tgt Ion: 75 Resp: 4981
 Ion Ratio Lower Upper
 75 100
 77 0.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.35 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY017926.D
 Acq: 12 Apr 2024 15:57

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

