

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041924\
 Data File : VY017991.D
 Acq On : 19 Apr 2024 12:09
 Operator : SY/MD
 Sample : VY0419SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0419SBL01

Quant Time: Apr 19 23:22:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

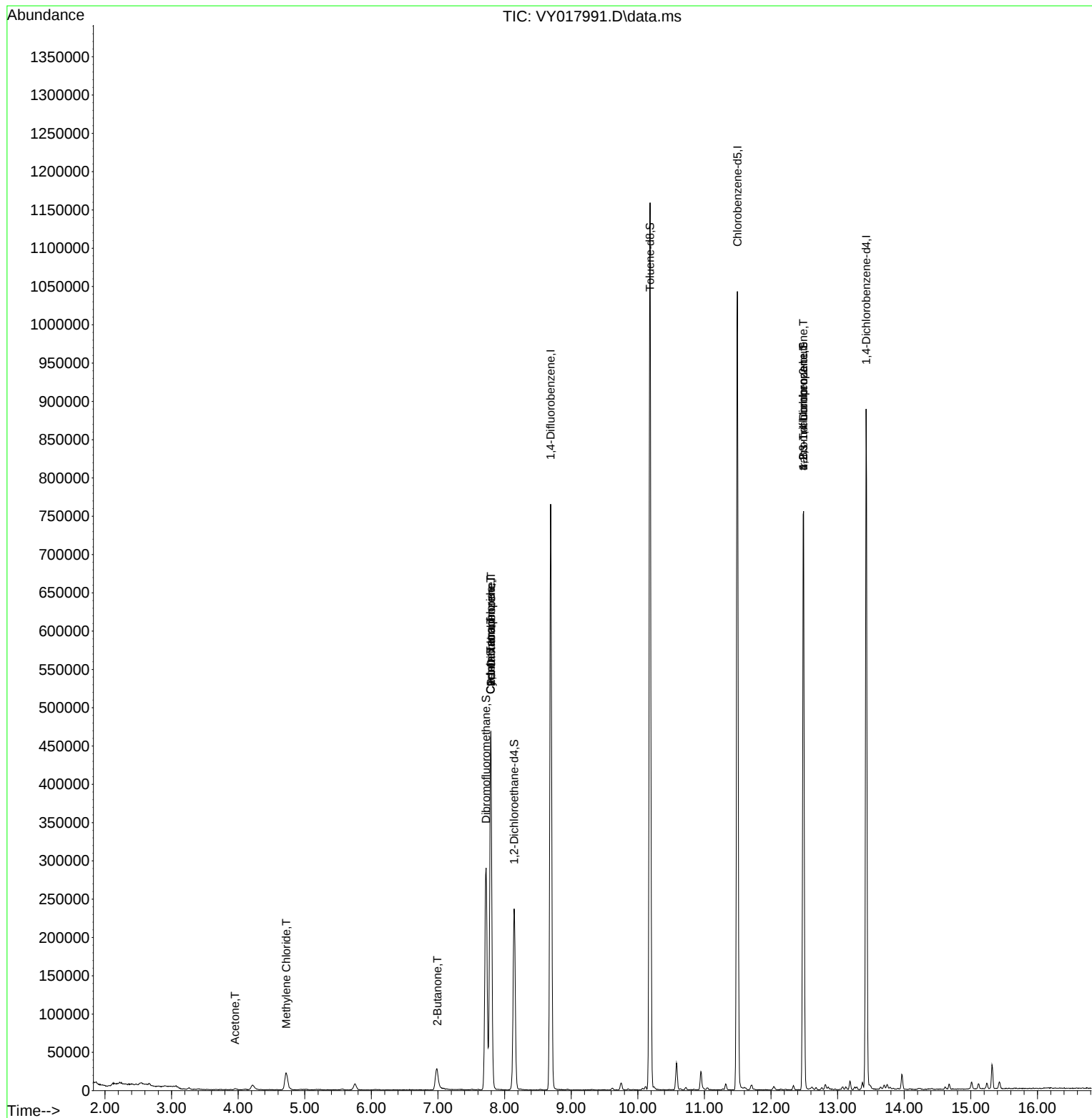
Internal Standards						
1) Pentafluorobenzene	7.795	168	390818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	685562	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	613906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	242798	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	181451	53.65	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.30%
35) Dibromofluoromethane	7.722	113	216730	51.24	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.48%
50) Toluene-d8	10.185	98	787651	49.08	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.16%
62) 4-Bromofluorobenzene	12.483	95	223871	45.04	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.08%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	415	Below Cal	#	88
16) Acetone	3.954	43	2434	3.64	ug/l	100
20) Methylene Chloride	4.722	84	18306	4.04	ug/l	98
25) 2-Butanone	6.990	43	1712	1.74	ug/l #	59
31) Cyclohexane	7.789	56	6702	1.04	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	26655	4.33	ug/l #	48
38) Carbon Tetrachloride	7.789	117	34660	5.58	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	109228	47.94	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	109228	98.85	ug/l #	16

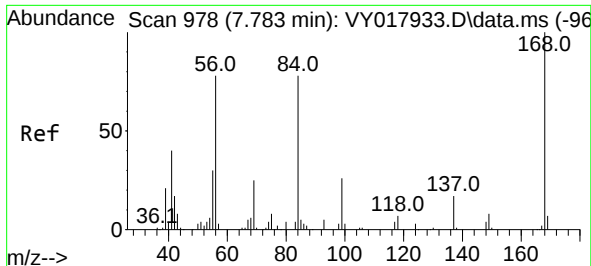
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041924\
Data File : VY017991.D
Acq On : 19 Apr 2024 12:09
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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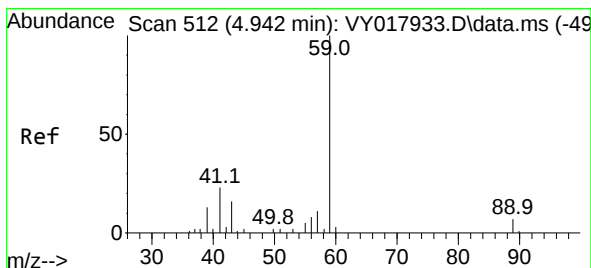
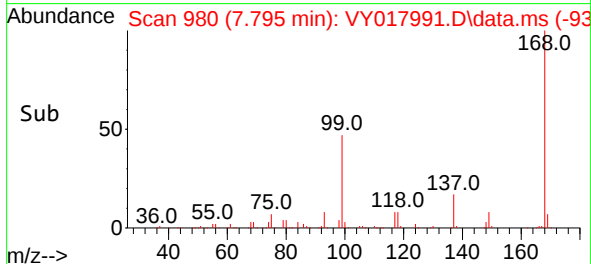
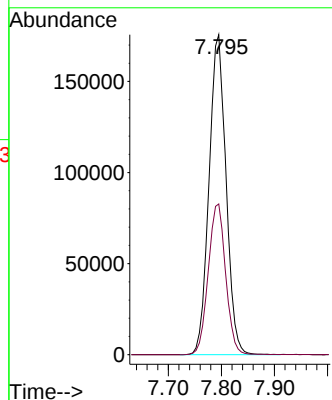
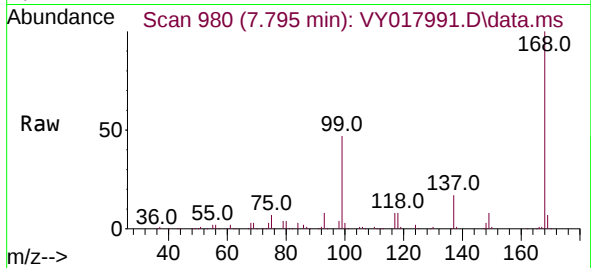




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017991.D
Acq: 19 Apr 2024 12:09

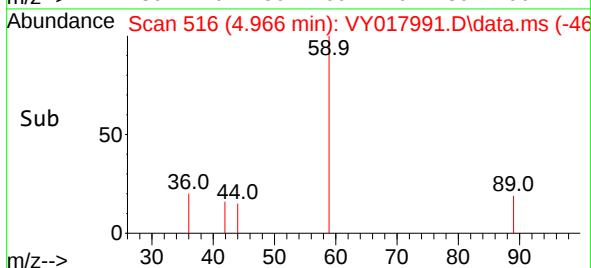
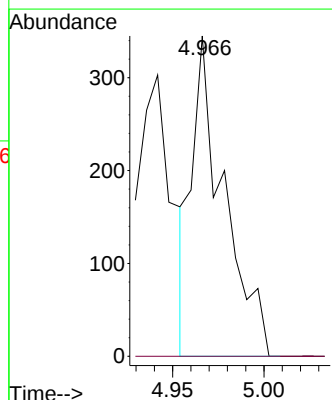
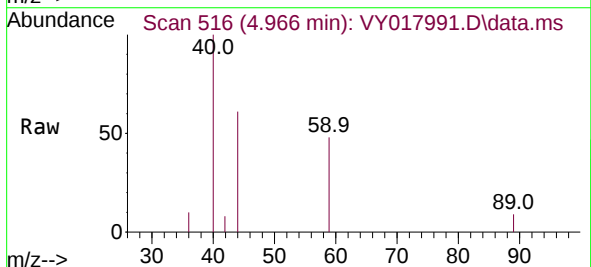
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBL01

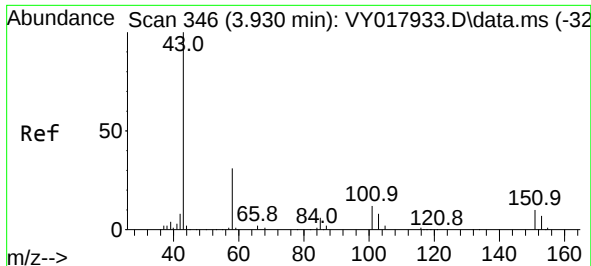
Tgt Ion:168 Resp: 390818
Ion Ratio Lower Upper
168 100
99 47.1 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY017991.D
Acq: 19 Apr 2024 12:09

Tgt Ion: 59 Resp: 415
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 3.64 ug/l

RT: 3.954 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY017991.D

Acq: 19 Apr 2024 12:09

Instrument :

MSVOA_Y

ClientSampleId :

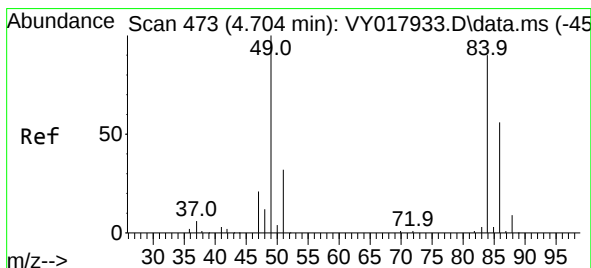
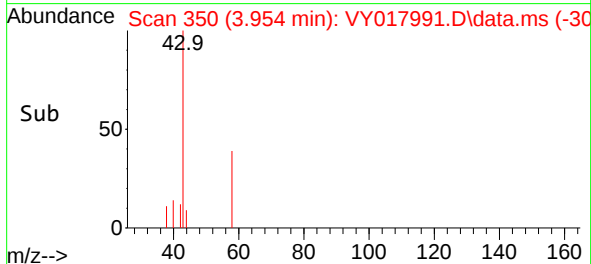
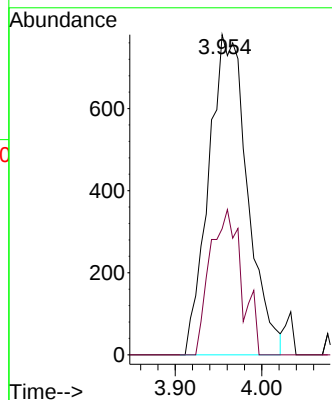
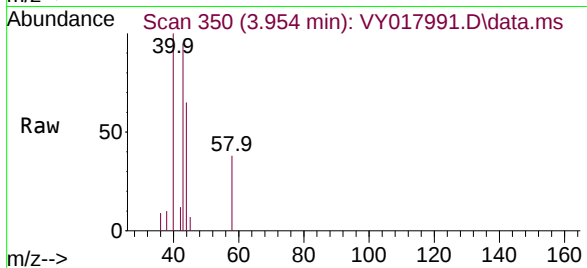
VY0419SBL01

Tgt Ion: 43 Resp: 2434

Ion Ratio Lower Upper

43 100

58 39.4 31.7 47.5



#20

Methylene Chloride

Concen: 4.04 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY017991.D

Acq: 19 Apr 2024 12:09

Tgt Ion: 84 Resp: 18306

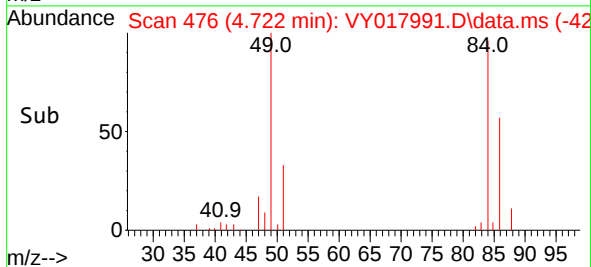
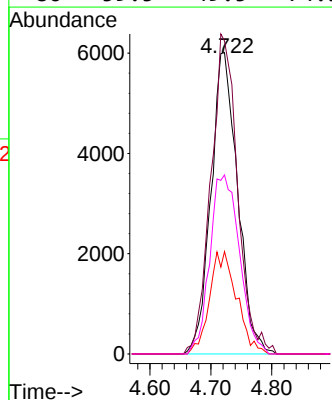
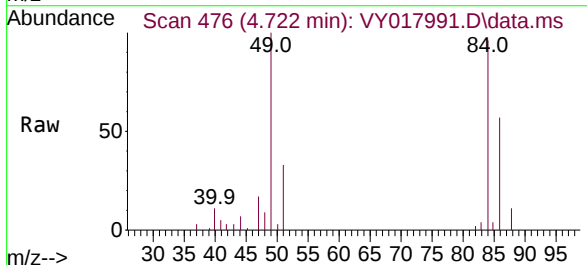
Ion Ratio Lower Upper

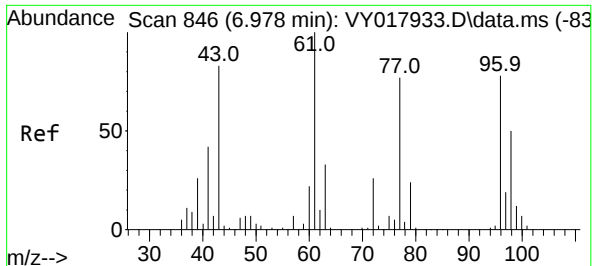
84 100

49 103.9 84.4 126.6

51 34.0 26.0 39.0

86 59.5 49.5 74.3





#25

2-Butanone

Concen: 1.74 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY017991.D

Acq: 19 Apr 2024 12:09

Instrument :

MSVOA_Y

ClientSampleId :

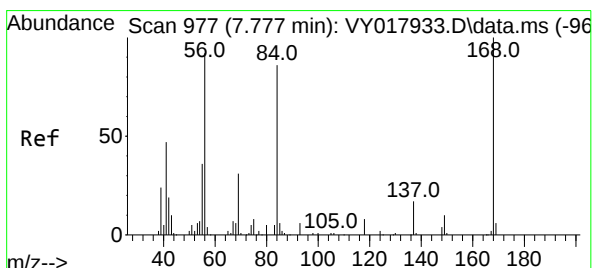
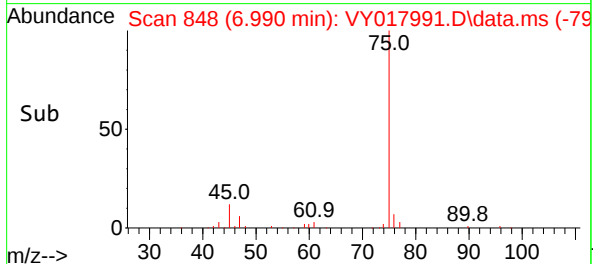
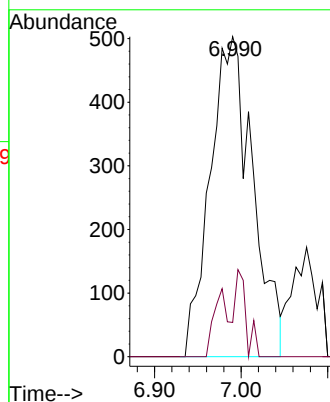
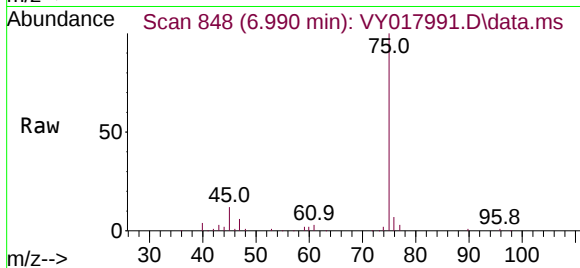
VY0419SBL01

Tgt Ion: 43 Resp: 1712

Ion Ratio Lower Upper

43 100

72 10.7 27.3 40.9#



#31

Cyclohexane

Concen: 1.04 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY017991.D

Acq: 19 Apr 2024 12:09

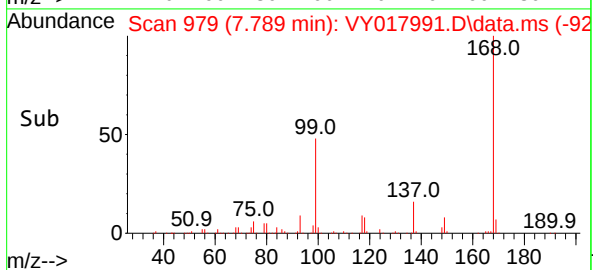
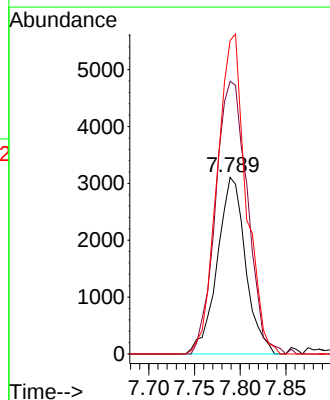
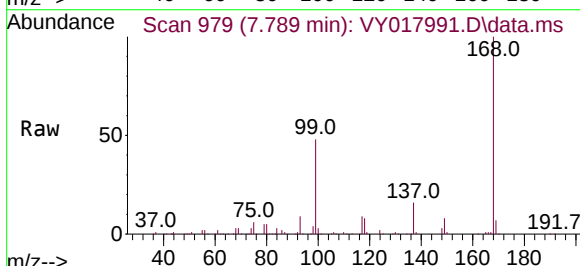
Tgt Ion: 56 Resp: 6702

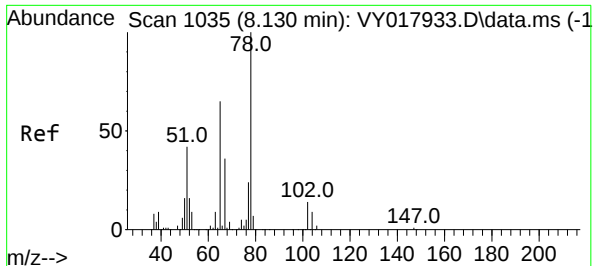
Ion Ratio Lower Upper

56 100

69 154.3 28.7 43.1#

84 177.5 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 53.65 ug/l

RT: 8.142 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017991.D

Acq: 19 Apr 2024 12:09

Instrument :

MSVOA_Y

ClientSampleId :

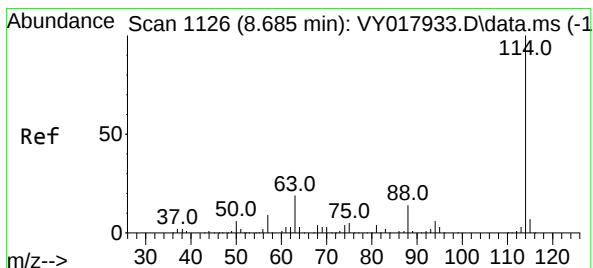
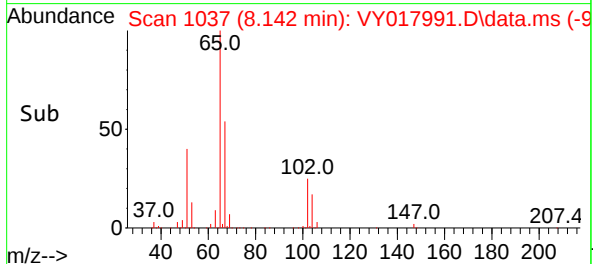
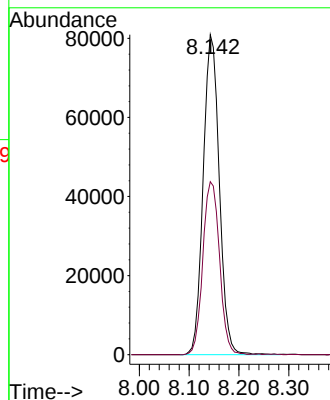
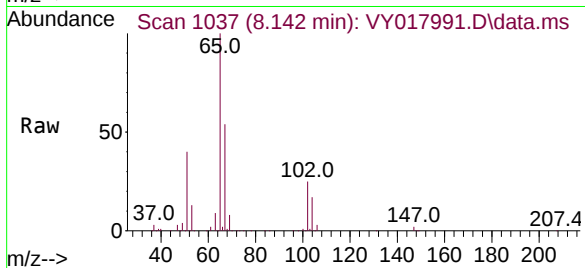
VY0419SBL01

Tgt Ion: 65 Resp: 181451

Ion Ratio Lower Upper

65 100

67 56.0 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: VY017991.D

Acq: 19 Apr 2024 12:09

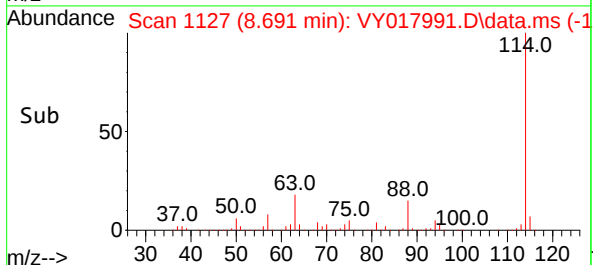
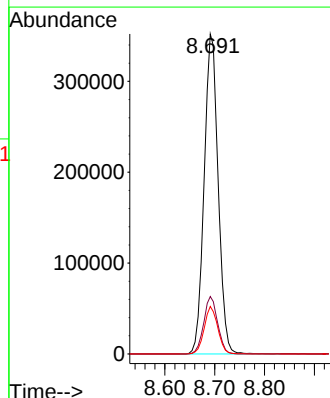
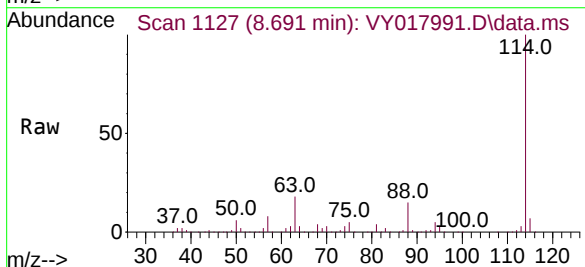
Tgt Ion: 114 Resp: 685562

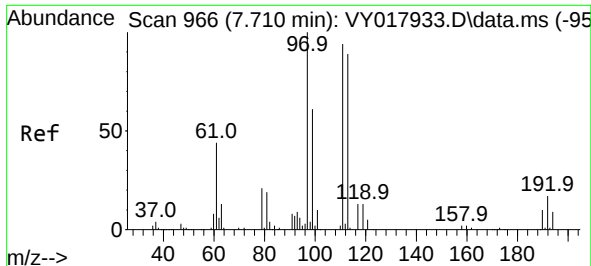
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 14.9 0.0 27.2

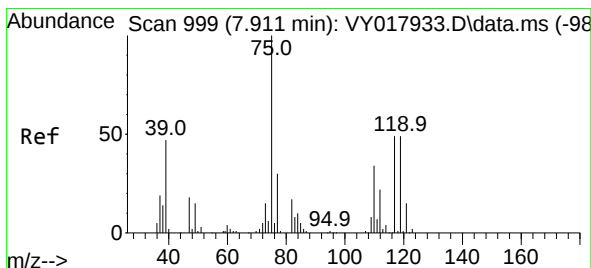
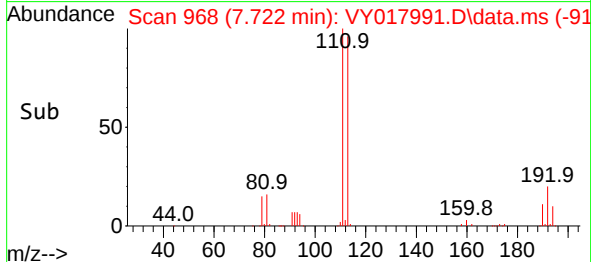
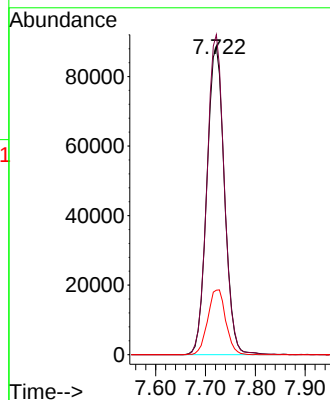
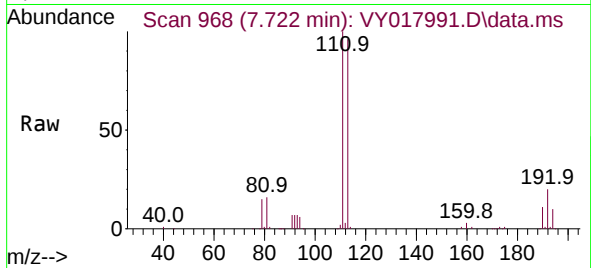




#35
Dibromofluoromethane
Concen: 51.24 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017991.D
Acq: 19 Apr 2024 12:09

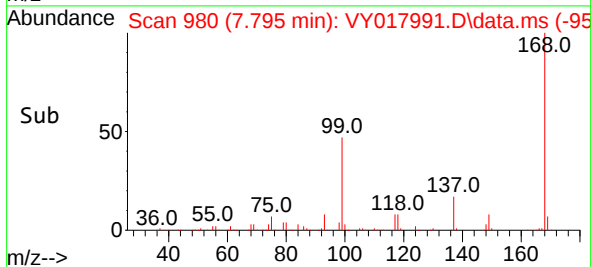
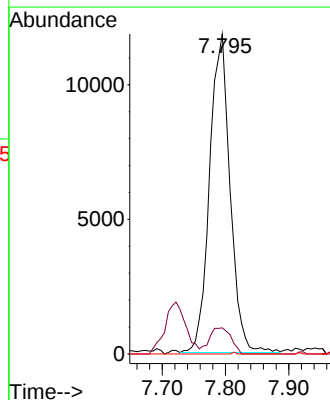
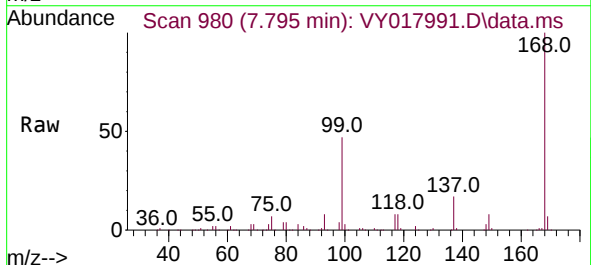
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBL01

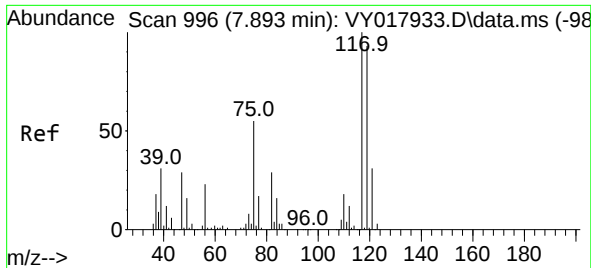
Tgt Ion:113 Resp: 216730
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 21.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.33 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY017991.D
Acq: 19 Apr 2024 12:09

Tgt Ion: 75 Resp: 26655
Ion Ratio Lower Upper
75 100
110 8.7 19.0 57.0#
77 0.1 25.3 37.9#

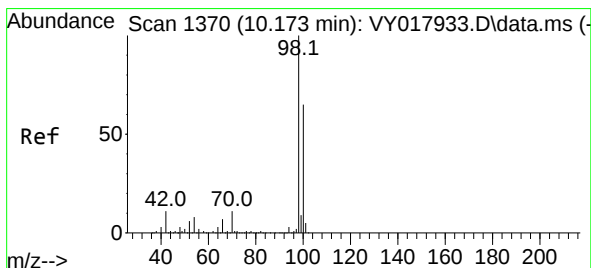
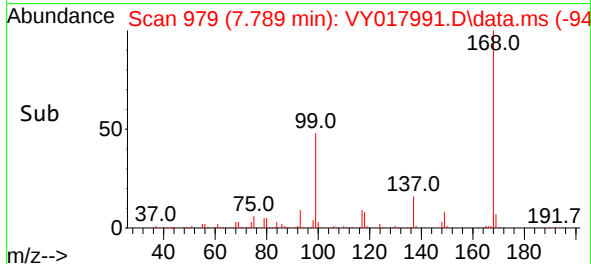
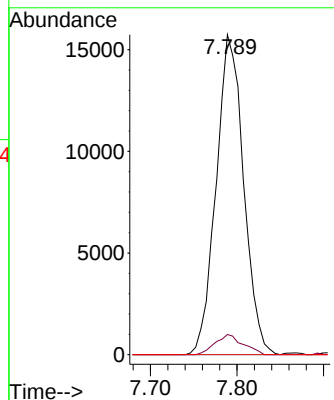
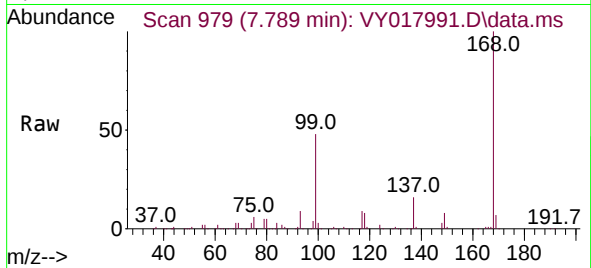




#38
Carbon Tetrachloride
Concen: 5.58 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017991.D
Acq: 19 Apr 2024 12:09

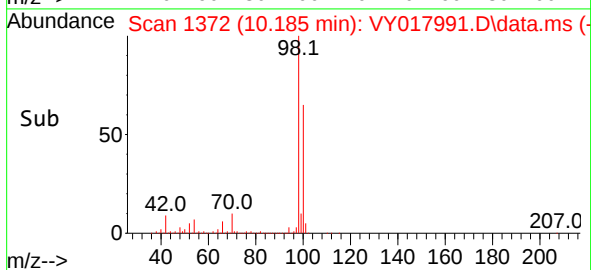
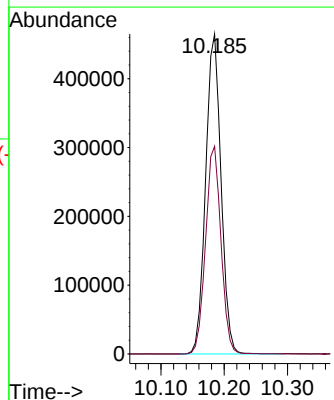
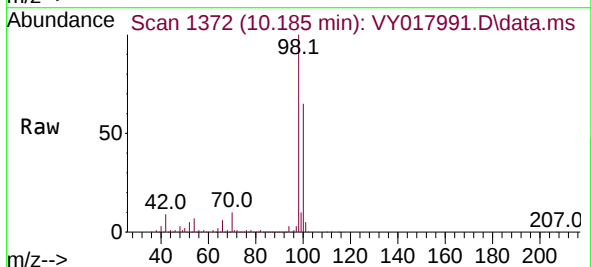
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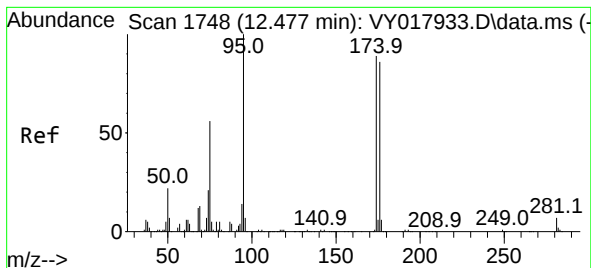
Tgt Ion:117 Resp: 34660
Ion Ratio Lower Upper
117 100
119 6.3 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.08 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY017991.D
Acq: 19 Apr 2024 12:09

Tgt Ion: 98 Resp: 787651
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0

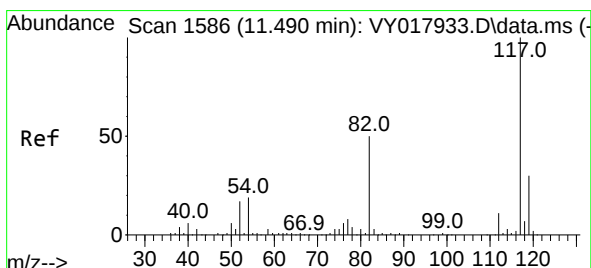
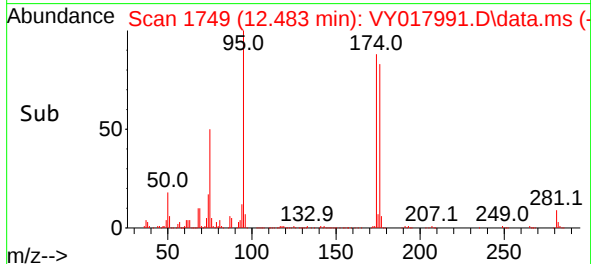
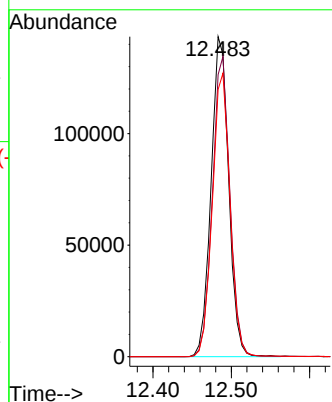
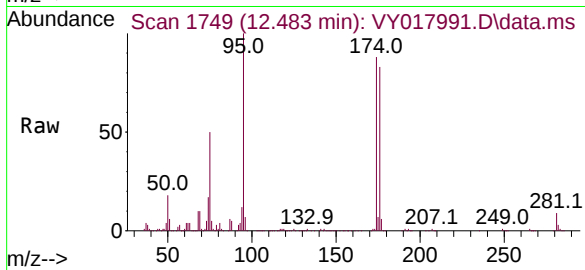




#62
4-Bromofluorobenzene
Concen: 45.04 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017991.D
Acq: 19 Apr 2024 12:09

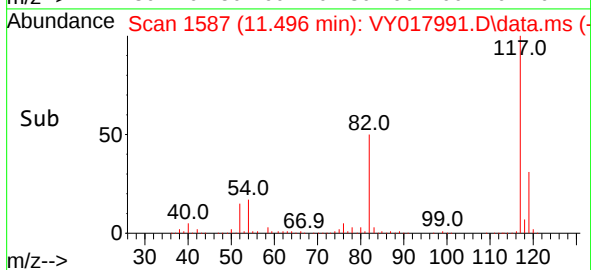
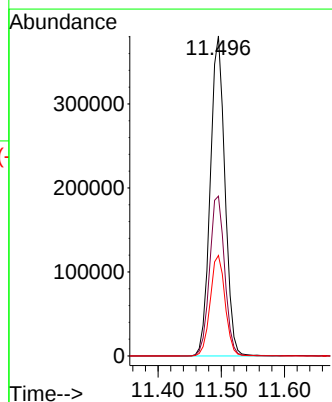
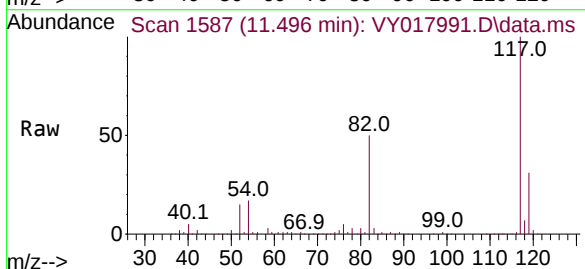
Instrument :
MSVOA_Y
ClientSampleId :
VY0419SBL01

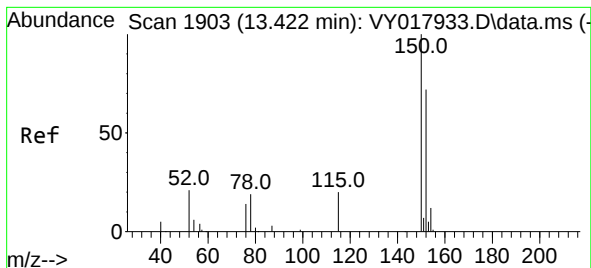
Tgt Ion: 95 Resp: 223871
Ion Ratio Lower Upper
95 100
174 93.4 0.0 175.6
176 89.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY017991.D
Acq: 19 Apr 2024 12:09

Tgt Ion: 117 Resp: 613906
Ion Ratio Lower Upper
117 100
82 50.0 42.4 63.6
119 31.4 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY017991.D

Acq: 19 Apr 2024 12:09

Instrument :

MSVOA_Y

ClientSampleId :

VY0419SBL01

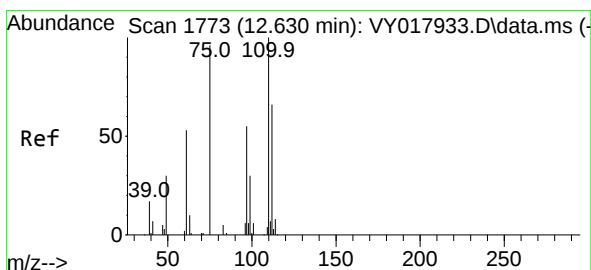
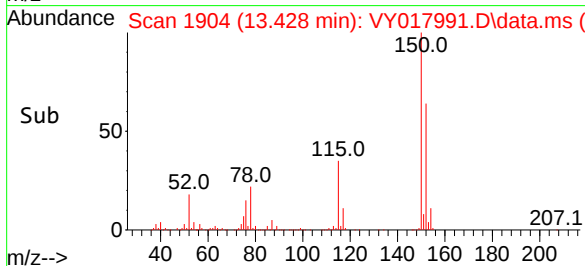
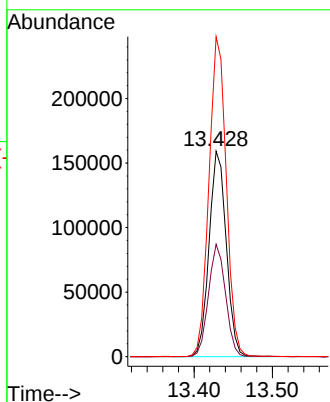
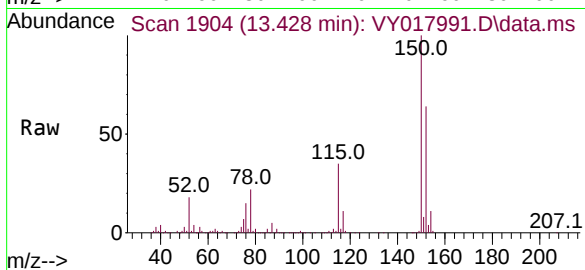
Tgt Ion:152 Resp: 242798

Ion Ratio Lower Upper

152 100

115 54.0 28.2 84.7

150 156.6 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 47.94 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY017991.D

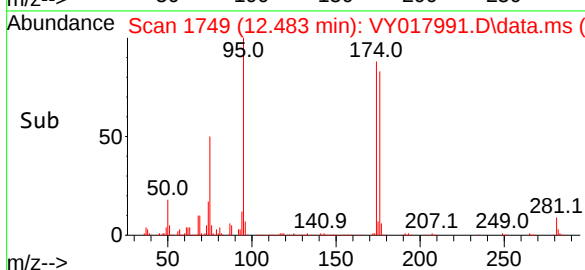
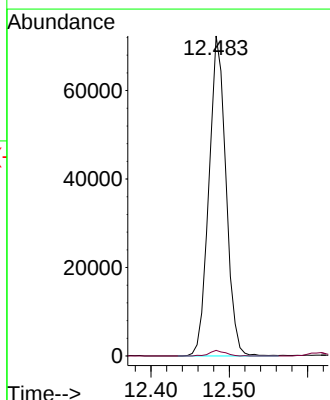
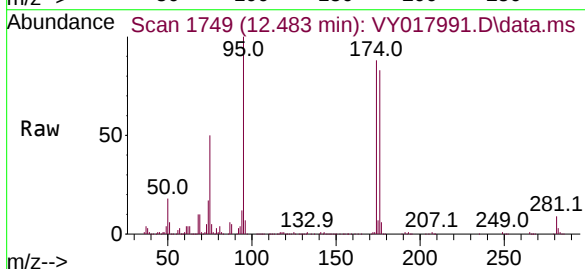
Acq: 19 Apr 2024 12:09

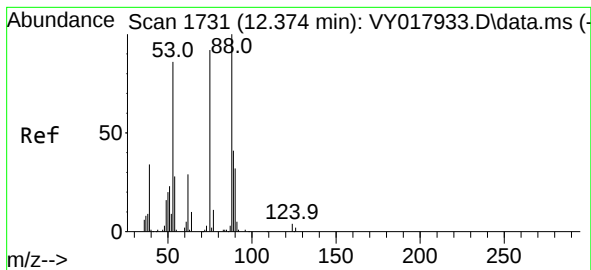
Tgt Ion: 75 Resp: 109228

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.85 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY017991.D
 Acq: 19 Apr 2024 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0419SBL01

Tgt Ion: 75 Resp: 109228
 Ion Ratio Lower Upper
 75 100
 53 0.2 66.8 100.2#
 89 0.2 35.8 53.6#

