

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
 Data File : VY017972.D
 Acq On : 18 Apr 2024 13:39
 Operator : SY/MD
 Sample : P2147-07
 Misc : 6.19g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAB-3

Quant Time: Apr 19 02:00:47 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)

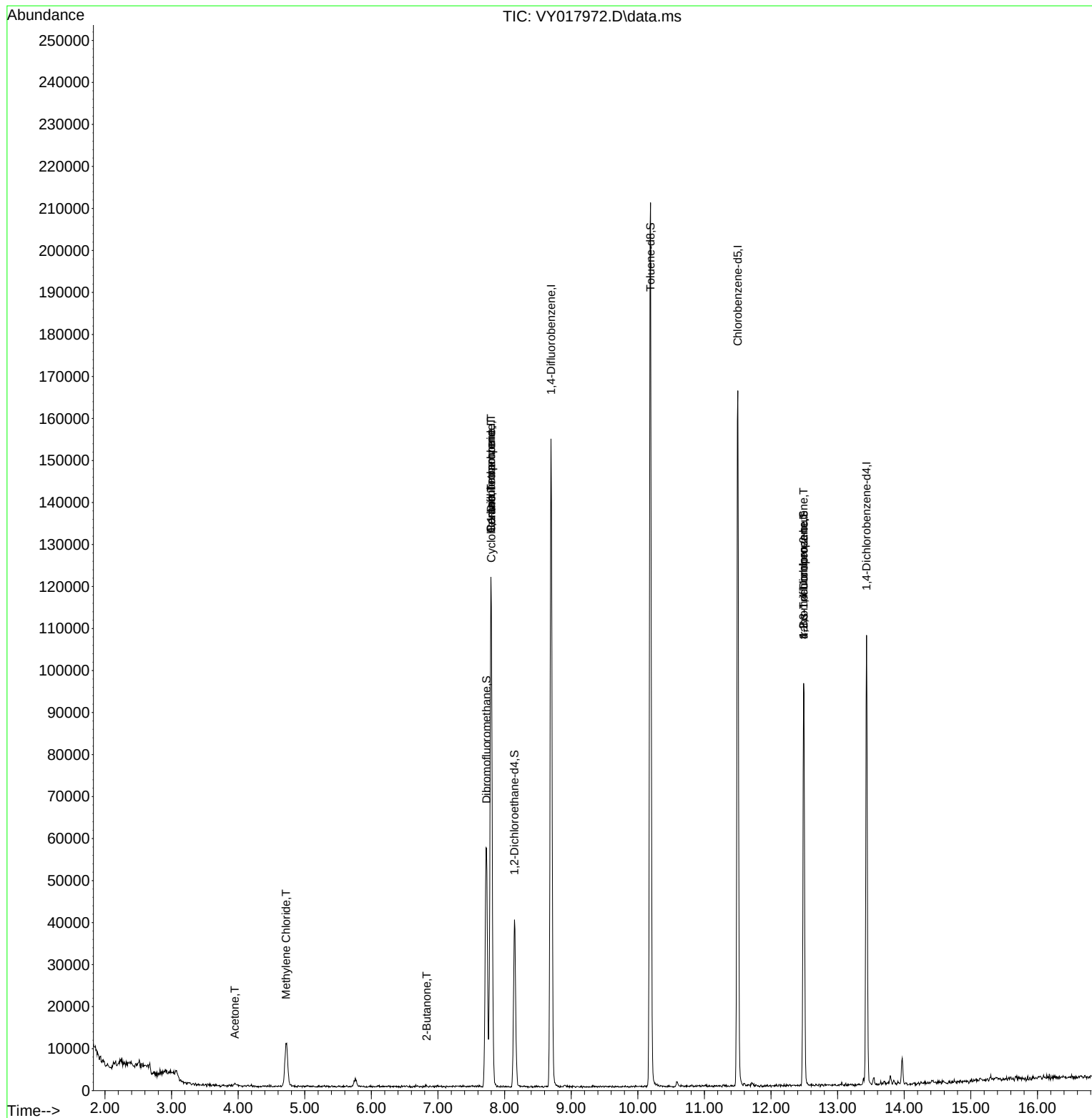
Internal Standards						
1) Pentafluorobenzene	7.795	168	103929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	141843	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	100922	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	30403	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	30095	33.46	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	66.92%
35) Dibromofluoromethane	7.728	113	43325	49.51	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.02%
50) Toluene-d8	10.191	98	149648	45.07	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.14%
62) 4-Bromofluorobenzene	12.489	95	29529	28.71	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	57.42%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	29	Below Cal	#	88
16) Acetone	3.948	43	1192	6.71	ug/l	89
20) Methylene Chloride	4.716	84	8743	7.26	ug/l	91
25) 2-Butanone	6.832	43	382	1.46	ug/l #	41
31) Cyclohexane	7.801	56	1800	1.05	ug/l #	24
36) 1,1-Dichloropropene	7.795	75	7262	5.71	ug/l #	45
38) Carbon Tetrachloride	7.795	117	9085	7.07	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	13269	46.51	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	13269	95.89	ug/l #	16

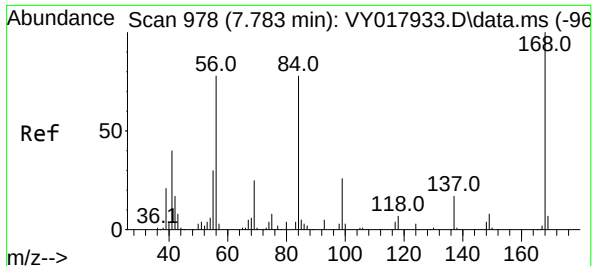
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
Data File : VY017972.D
Acq On : 18 Apr 2024 13:39
Operator : SY/MD
Sample : P2147-07
Misc : 6.19g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GRAB-3

Quant Time: Apr 19 02:00:47 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

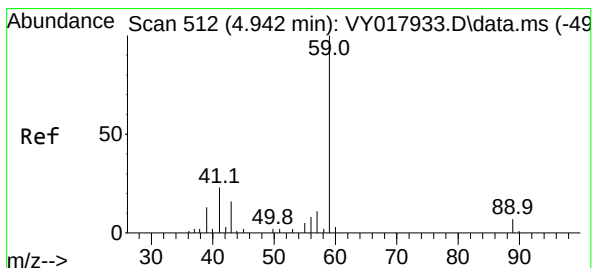
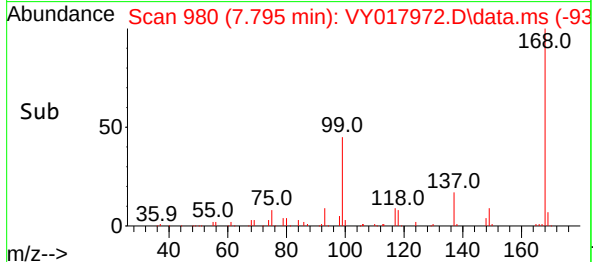
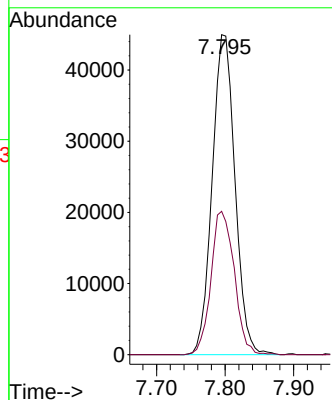
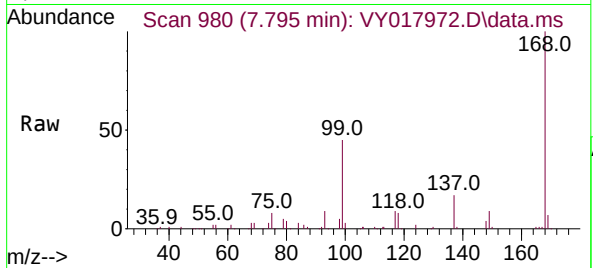




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017972.D
Acq: 18 Apr 2024 13:39

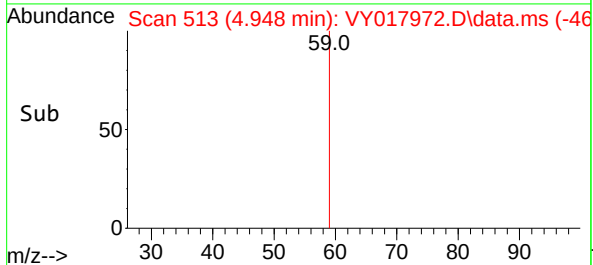
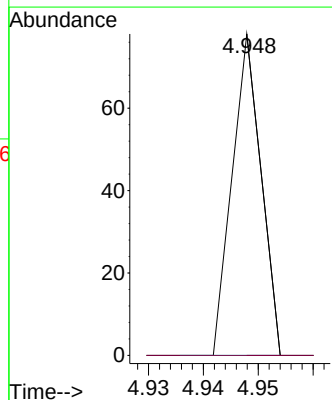
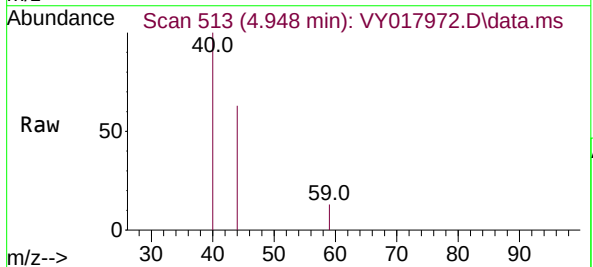
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-3

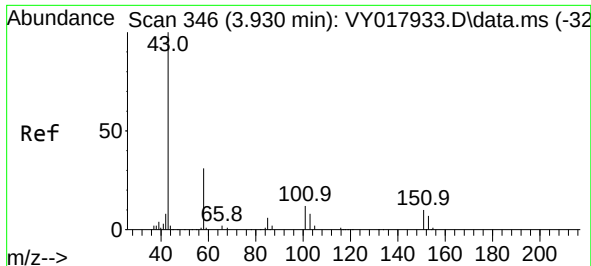
Tgt Ion:168 Resp: 103929
Ion Ratio Lower Upper
168 100
99 44.8 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY017972.D
Acq: 18 Apr 2024 13:39

Tgt Ion: 59 Resp: 29
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 6.71 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY017972.D

Acq: 18 Apr 2024 13:39

Instrument :

MSVOA_Y

ClientSampleId :

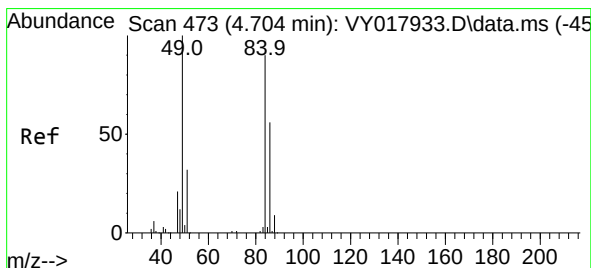
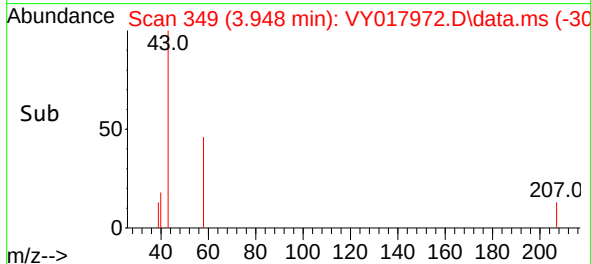
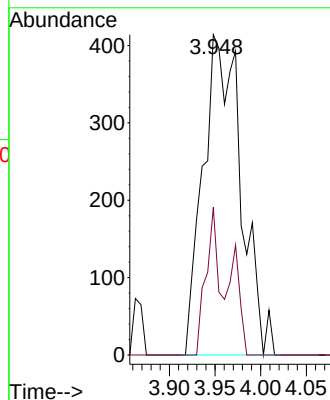
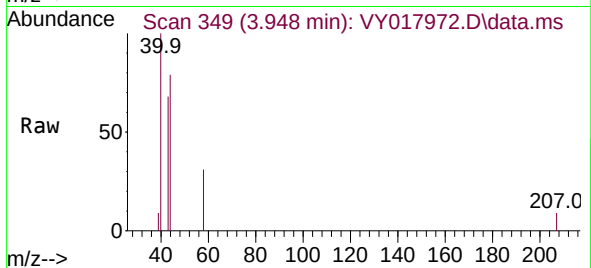
GRAB-3

Tgt Ion: 43 Resp: 1192

Ion Ratio Lower Upper

43 100

58 46.1 31.7 47.5



#20

Methylene Chloride

Concen: 7.26 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY017972.D

Acq: 18 Apr 2024 13:39

Tgt Ion: 84 Resp: 8743

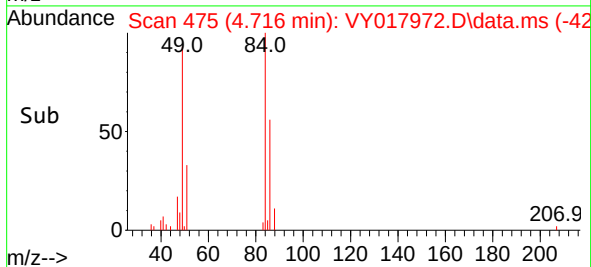
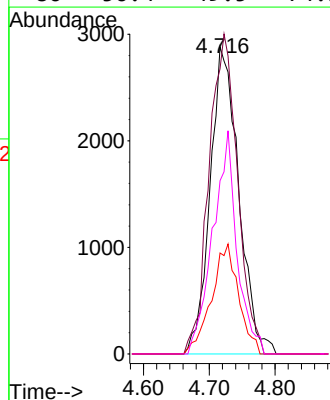
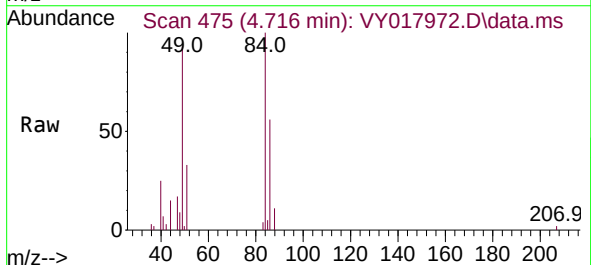
Ion Ratio Lower Upper

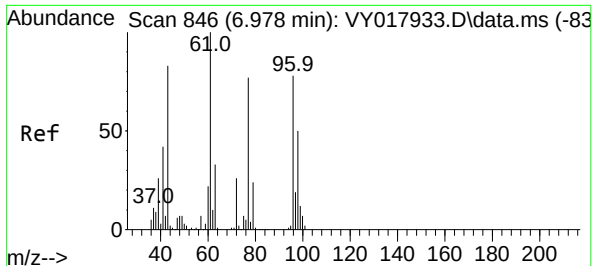
84 100

49 92.9 84.4 126.6

51 32.9 26.0 39.0

86 56.4 49.5 74.3





#25

2-Butanone

Concen: 1.46 ug/l

RT: 6.832 min Scan# 81

Delta R.T. -0.152 min

Lab File: VY017972.D

Acq: 18 Apr 2024 13:39

Instrument :

MSVOA_Y

ClientSampleId :

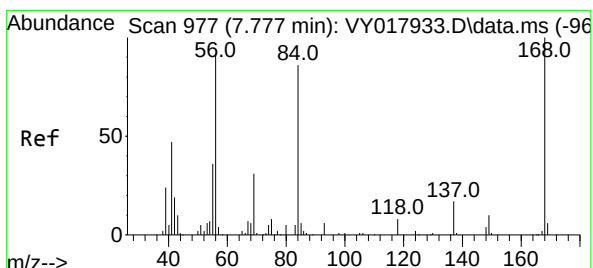
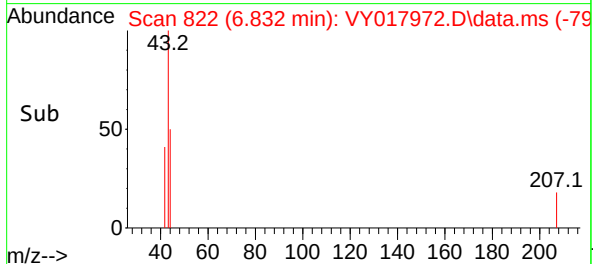
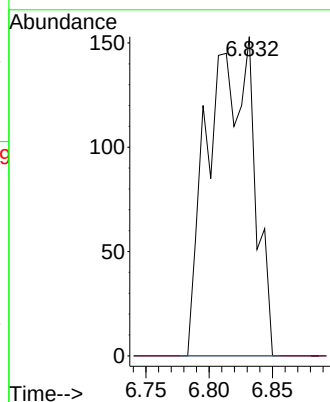
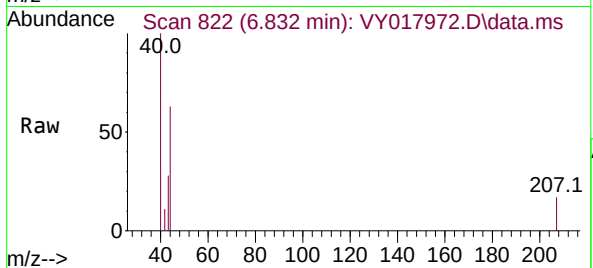
GRAB-3

Tgt Ion: 43 Resp: 382

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.05 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.018 min

Lab File: VY017972.D

Acq: 18 Apr 2024 13:39

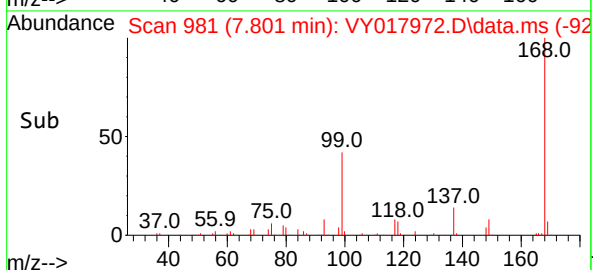
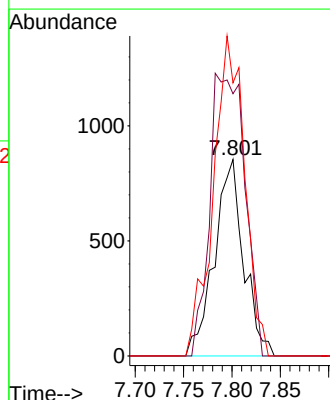
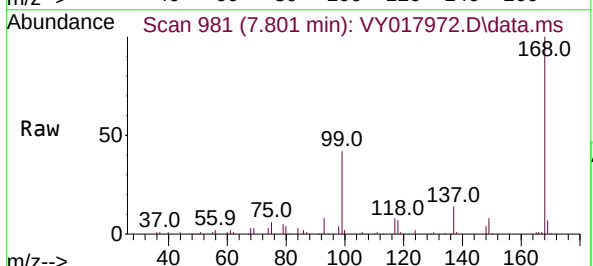
Tgt Ion: 56 Resp: 1800

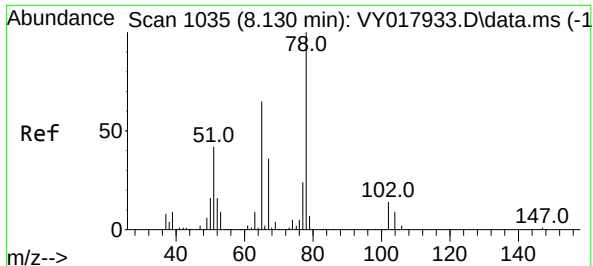
Ion Ratio Lower Upper

56 100

69 133.5 28.7 43.1#

84 139.0 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 33.46 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY017972.D

Acq: 18 Apr 2024 13:39

Instrument :

MSVOA_Y

ClientSampleId :

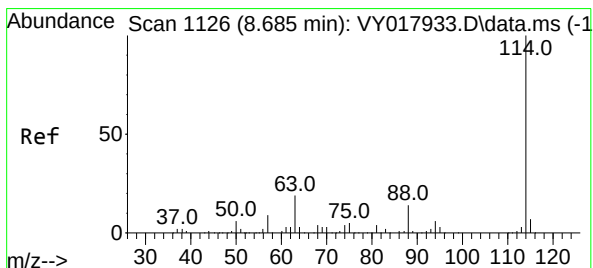
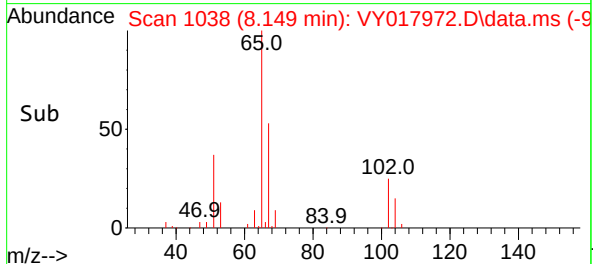
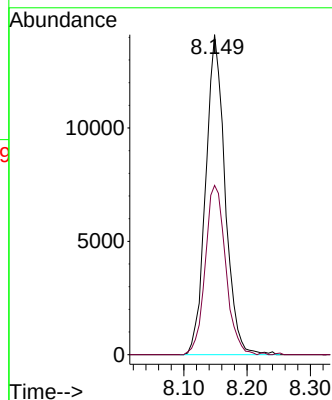
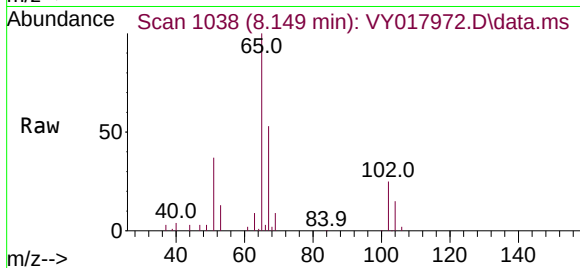
GRAB-3

Tgt Ion: 65 Resp: 30095

Ion Ratio Lower Upper

65 100

67 55.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017972.D

Acq: 18 Apr 2024 13:39

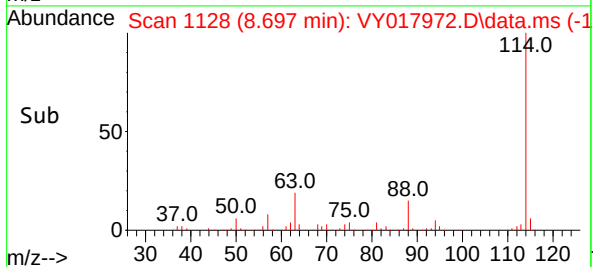
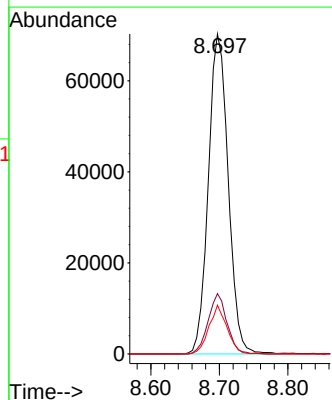
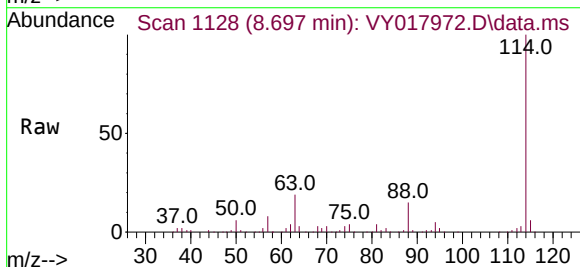
Tgt Ion: 114 Resp: 141843

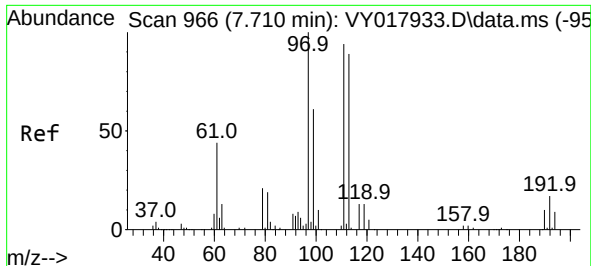
Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.0

88 15.3 0.0 27.2

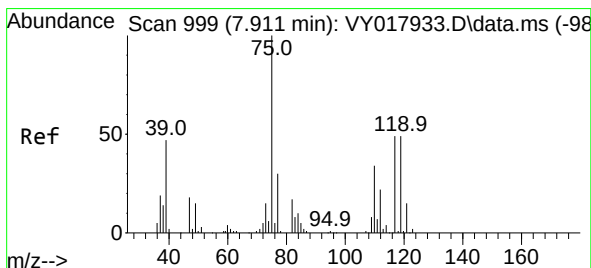
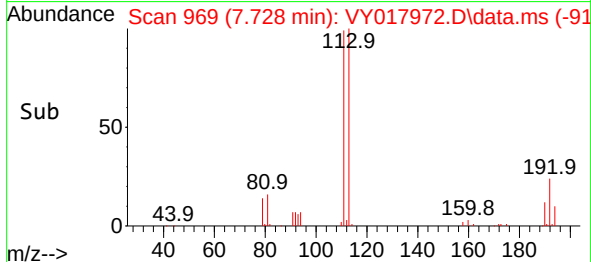
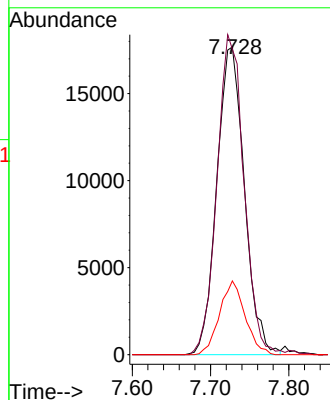
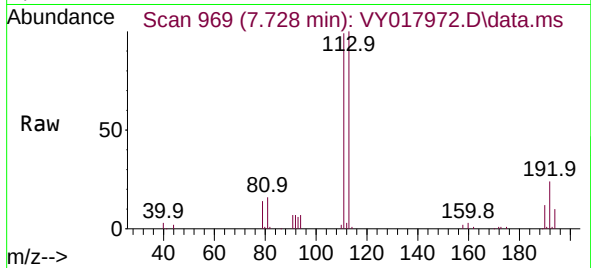




#35
Dibromofluoromethane
Concen: 49.51 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY017972.D
Acq: 18 Apr 2024 13:39

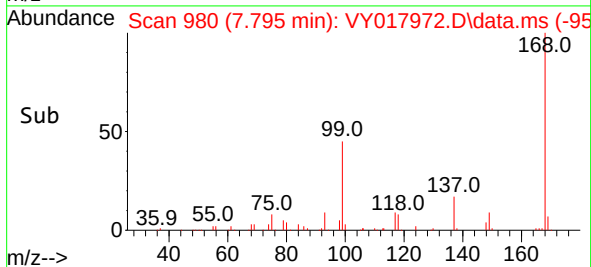
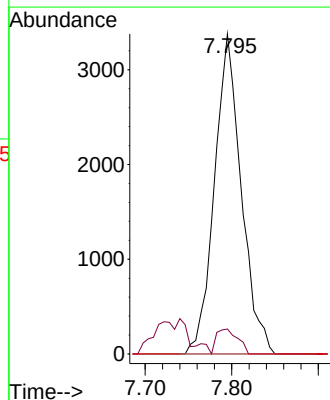
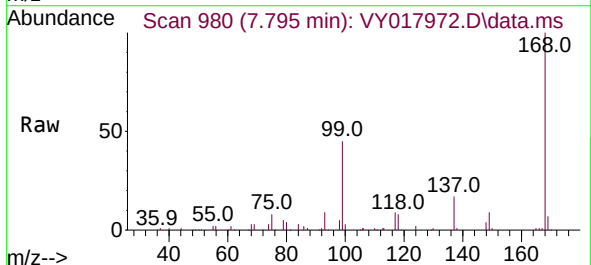
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-3

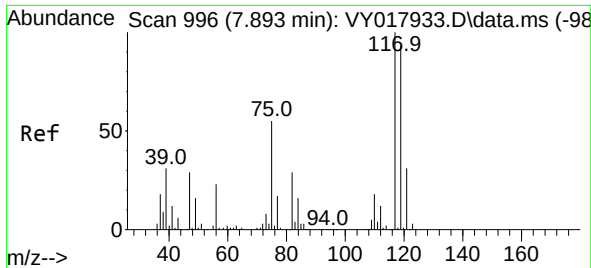
Tgt Ion:113 Resp: 43325
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.4
192 22.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.71 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY017972.D
Acq: 18 Apr 2024 13:39

Tgt Ion: 75 Resp: 7262
Ion Ratio Lower Upper
75 100
110 6.2 19.0 57.0#
77 0.0 25.3 37.9#

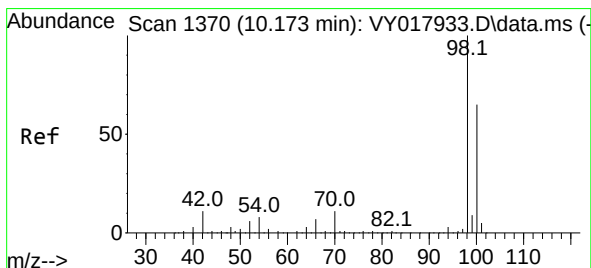
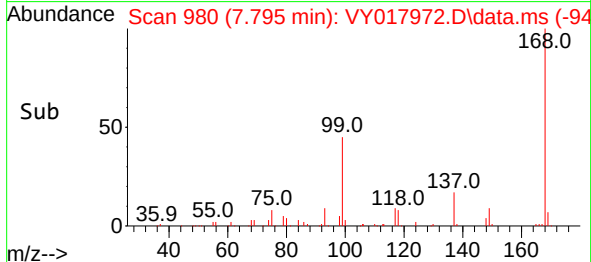
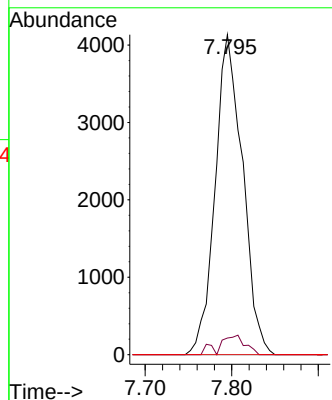
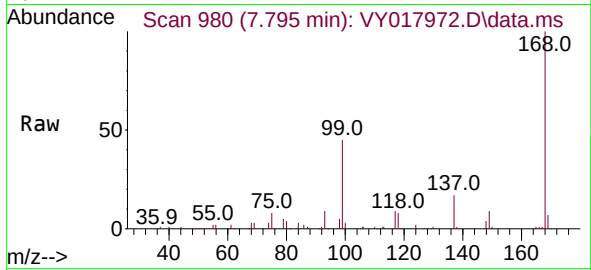




#38
Carbon Tetrachloride
Concen: 7.07 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY017972.D
Acq: 18 Apr 2024 13:39

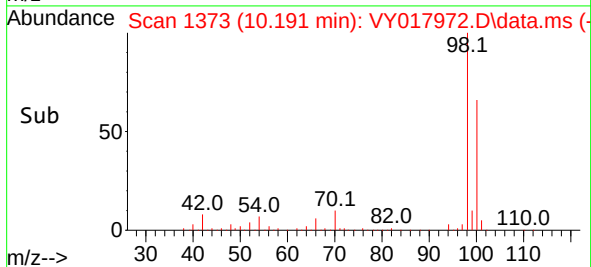
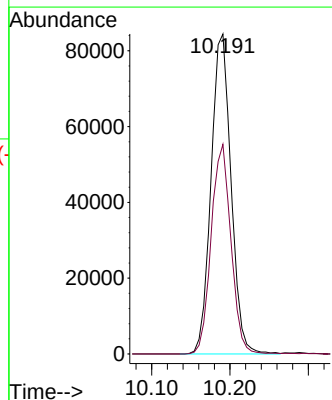
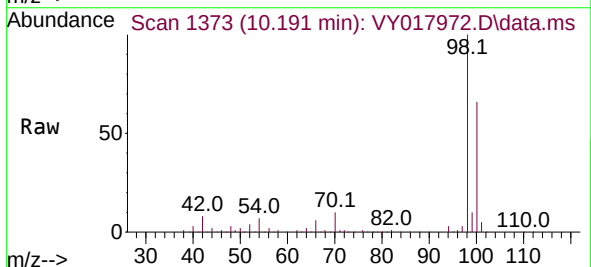
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-3

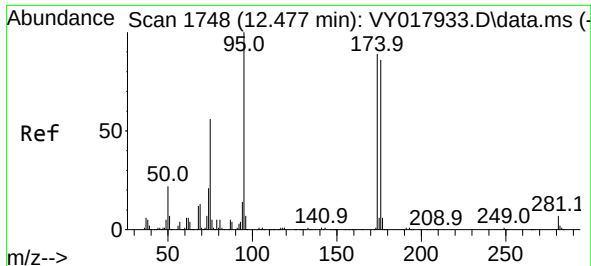
Tgt Ion:117 Resp: 9085
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 45.07 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.012 min
Lab File: VY017972.D
Acq: 18 Apr 2024 13:39

Tgt Ion: 98 Resp: 149648
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

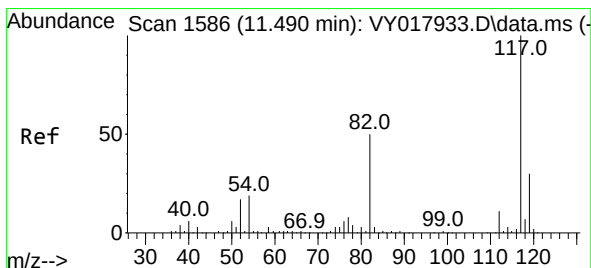
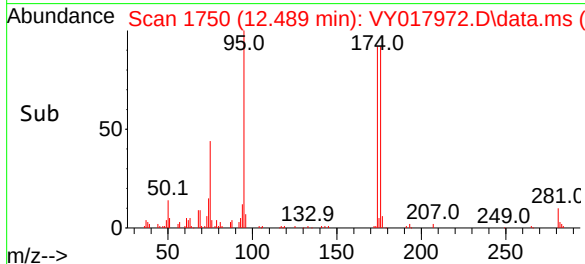
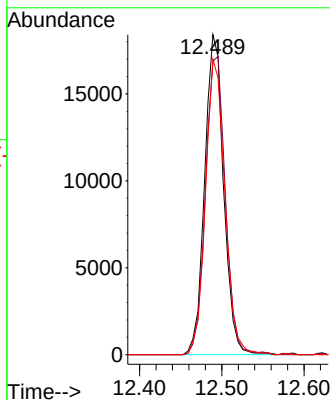
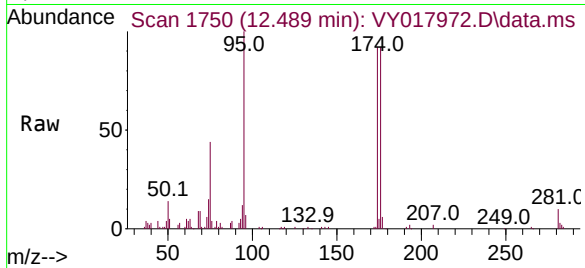




#62
4-Bromofluorobenzene
Concen: 28.71 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017972.D
Acq: 18 Apr 2024 13:39

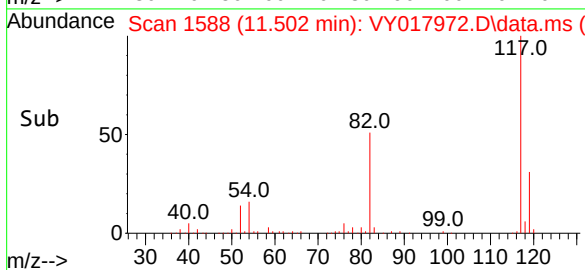
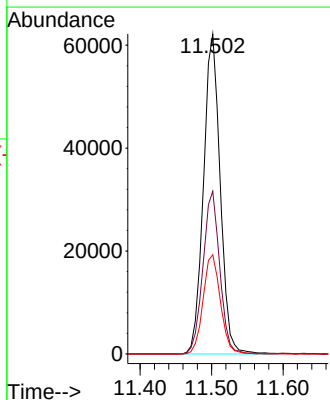
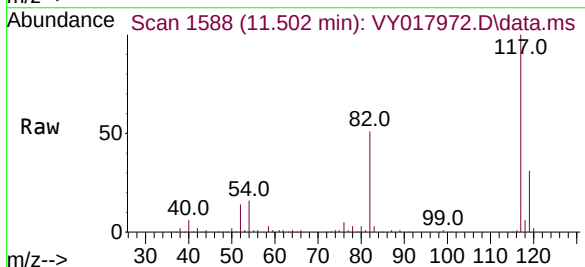
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-3

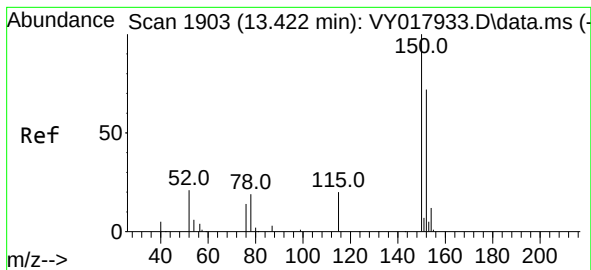
Tgt Ion: 95 Resp: 29529
Ion Ratio Lower Upper
95 100
174 97.8 0.0 175.6
176 94.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.012 min
Lab File: VY017972.D
Acq: 18 Apr 2024 13:39

Tgt Ion: 117 Resp: 100922
Ion Ratio Lower Upper
117 100
82 50.9 42.4 63.6
119 31.0 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.434 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY017972.D

Acq: 18 Apr 2024 13:39

Instrument :

MSVOA_Y

ClientSampleId :

GRAB-3

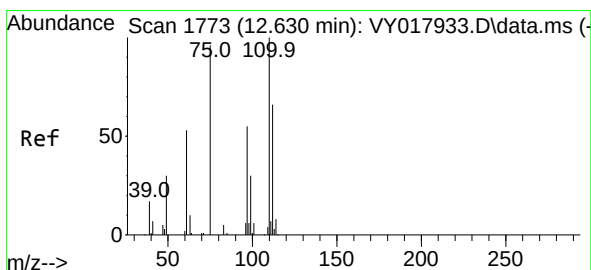
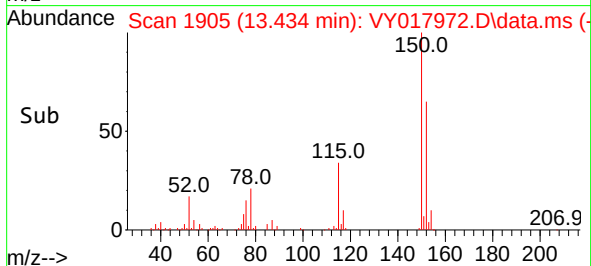
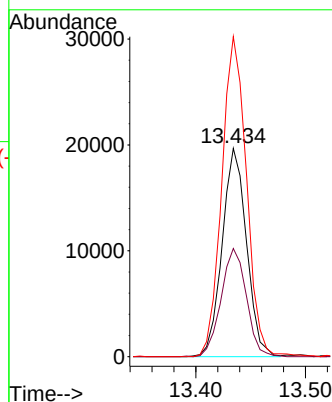
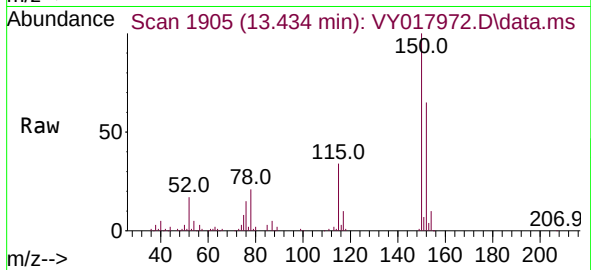
Tgt Ion:152 Resp: 30403

Ion Ratio Lower Upper

152 100

115 53.7 28.2 84.7

150 155.8 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 46.51 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY017972.D

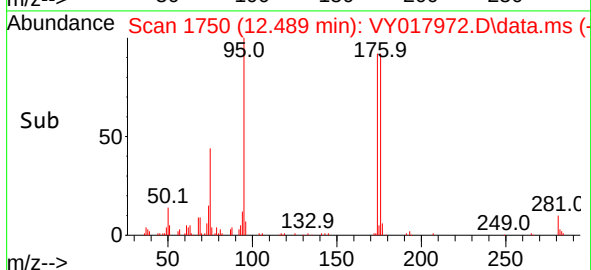
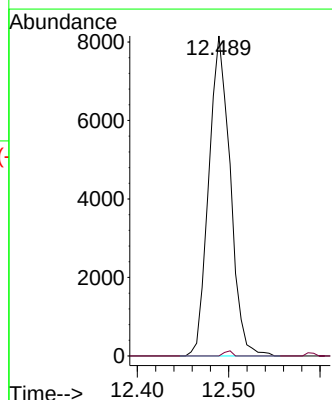
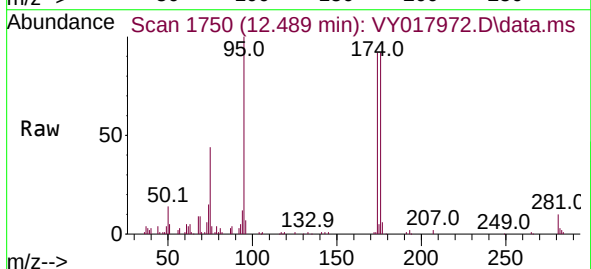
Acq: 18 Apr 2024 13:39

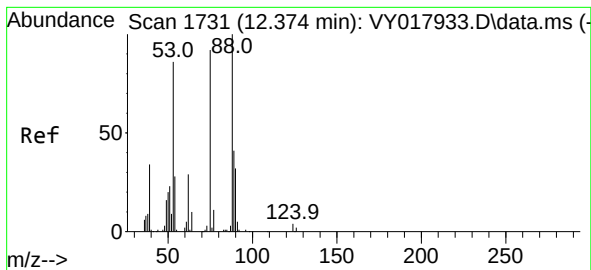
Tgt Ion: 75 Resp: 13269

Ion Ratio Lower Upper

75 100

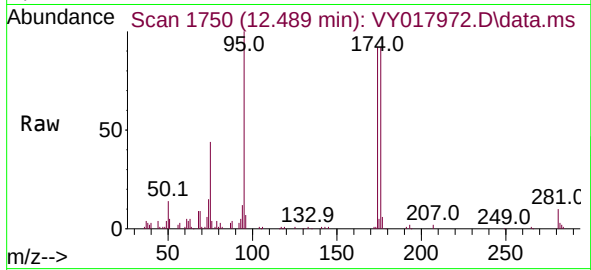
77 0.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 95.89 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY017972.D
Acq: 18 Apr 2024 13:39

Instrument :
MSVOA_Y
ClientSampleId :
GRAB-3



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

