

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031824\
 Data File : VY017691.D
 Acq On : 18 Mar 2024 16:13
 Operator : SY/MD
 Sample : P1764-01
 Misc : 5.23g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAB-1

Quant Time: Mar 19 04:10:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

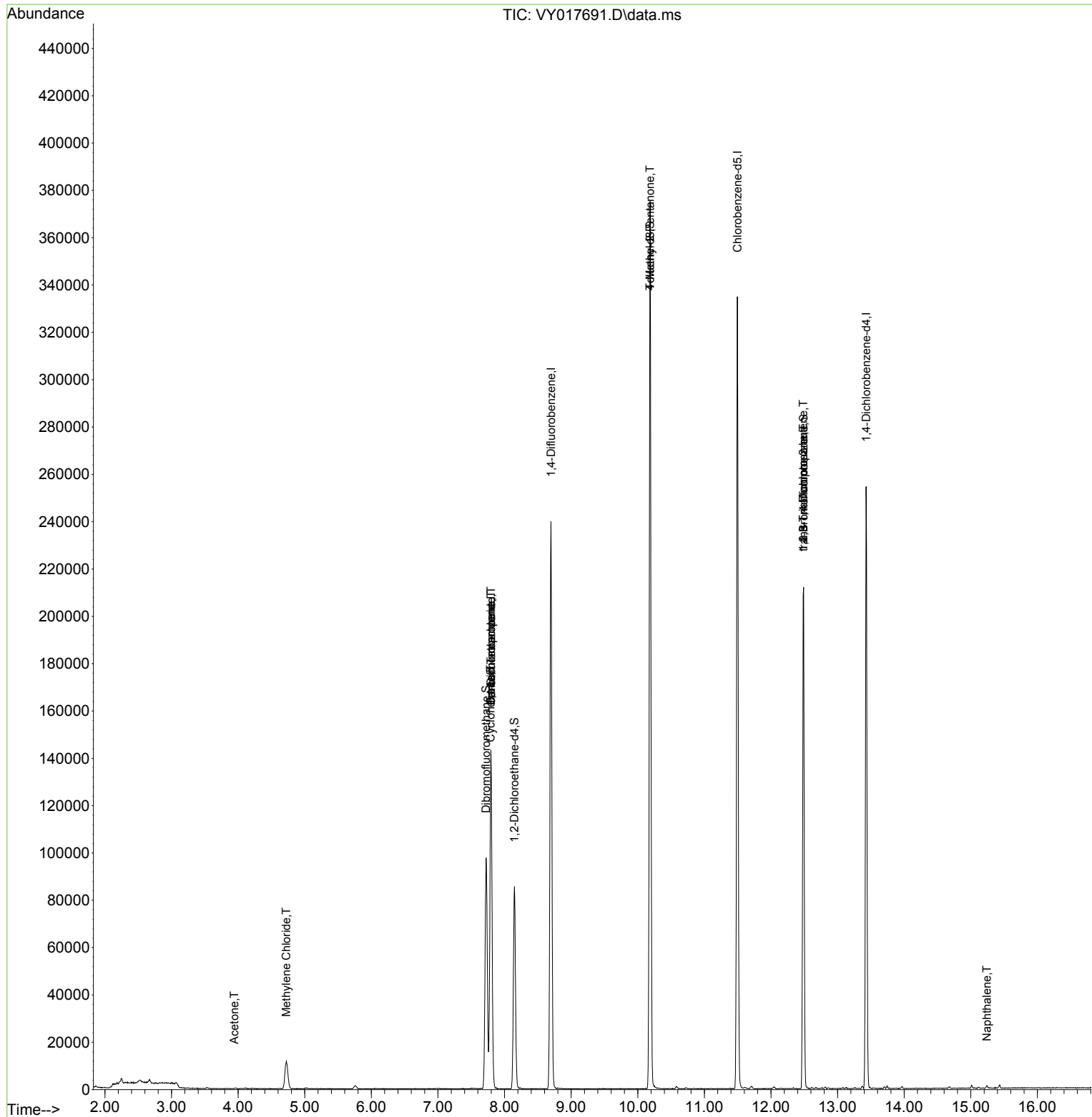
Internal Standards						
1) Pentafluorobenzene	7.795	168	114573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	213963	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	190022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	68273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62862	57.892	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.780%
35) Dibromofluoromethane	7.722	113	71498	47.954	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.900%
50) Toluene-d8	10.185	98	247439	47.466	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.940%
62) 4-Bromofluorobenzene	12.489	95	64482	39.359	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.720%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	340	1.614	ug/l #	36
20) Methylene Chloride	4.723	84	9733	2.682	ug/l	94
31) Cyclohexane	7.789	56	2079	1.177	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	8354	4.153	ug/l #	48
38) Carbon Tetrachloride	7.795	117	10738	5.326	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	860	1.105	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	32737	50.466	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	32737	115.959	ug/l #	16
95) Naphthalene	15.239	128	1179	4.423	ug/l #	91

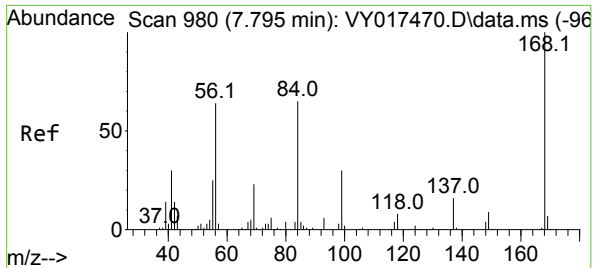
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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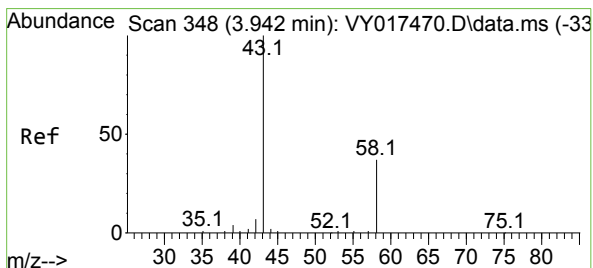
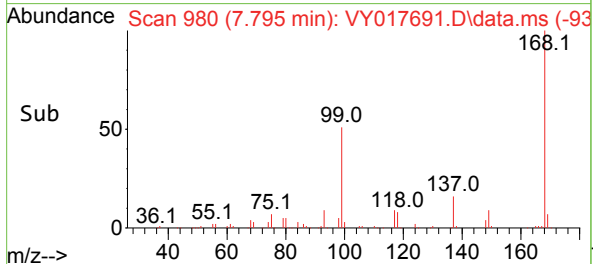
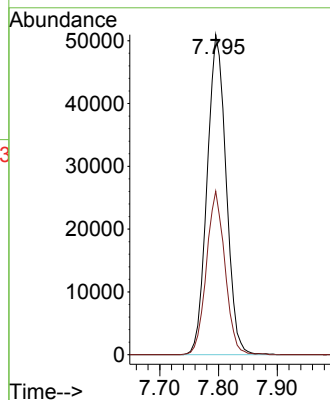
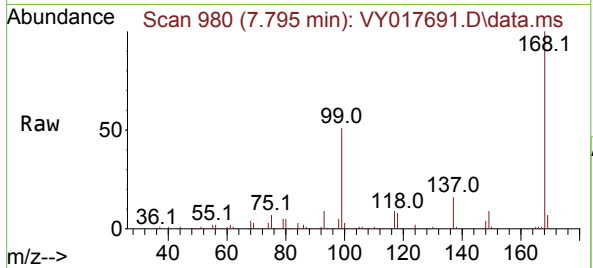




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017691.D
Acq: 18 Mar 2024 16:13

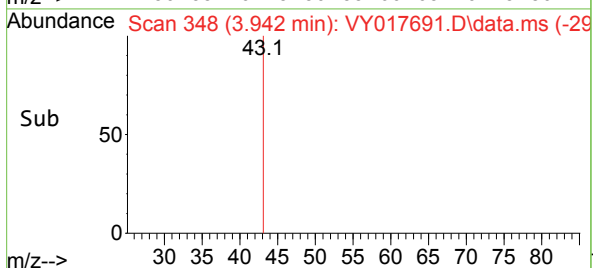
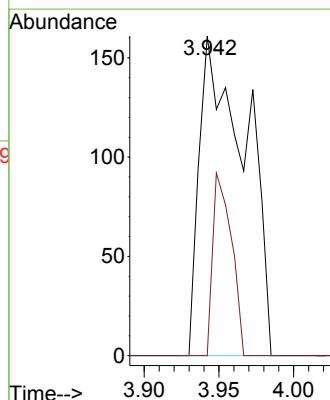
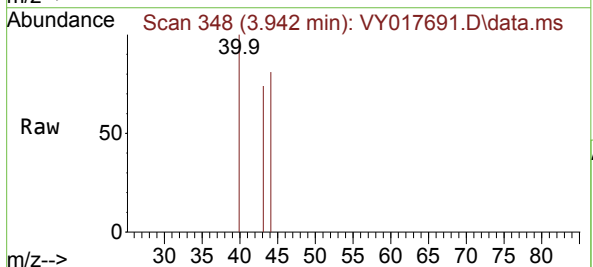
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-1

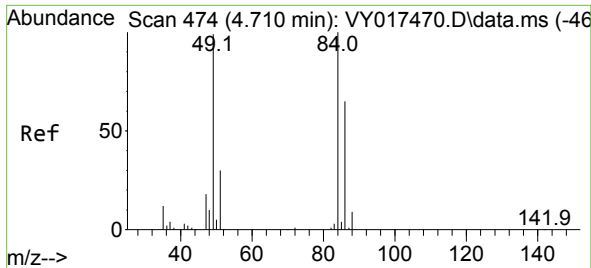
Tgt Ion:168 Resp: 114573
Ion Ratio Lower Upper
168 100
99 51.1 39.1 58.7



#16
Acetone
Concen: 1.614 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017691.D
Acq: 18 Mar 2024 16:13

Tgt Ion: 43 Resp: 340
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

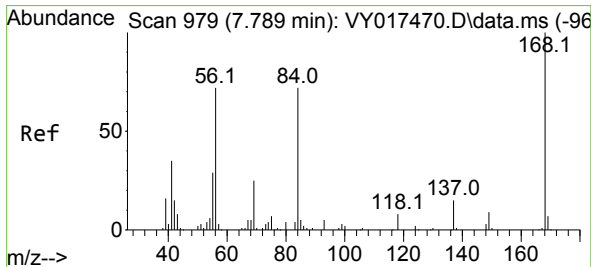
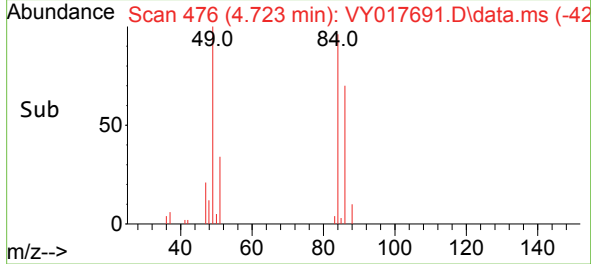
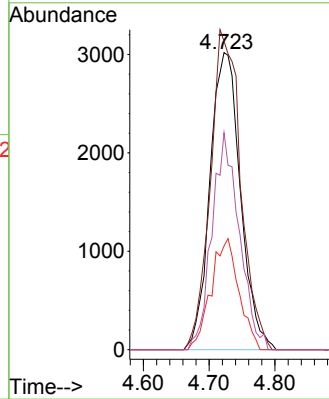
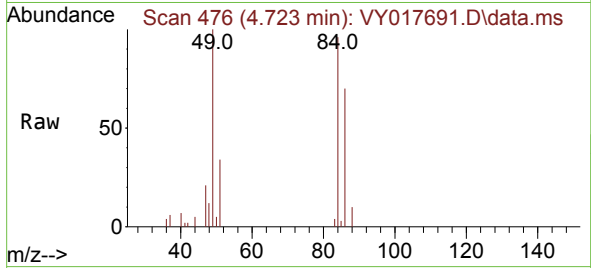




#20
Methylene Chloride
Concen: 2.682 ug/l
RT: 4.723 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY017691.D
Acq: 18 Mar 2024 16:13

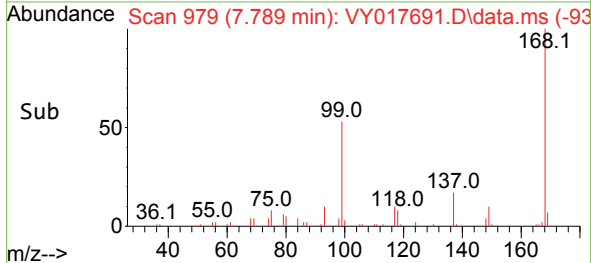
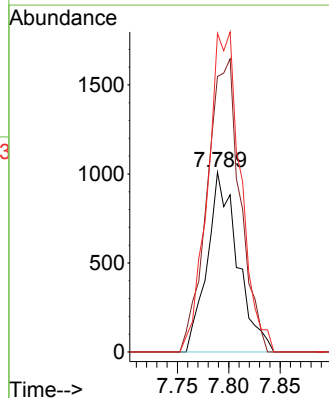
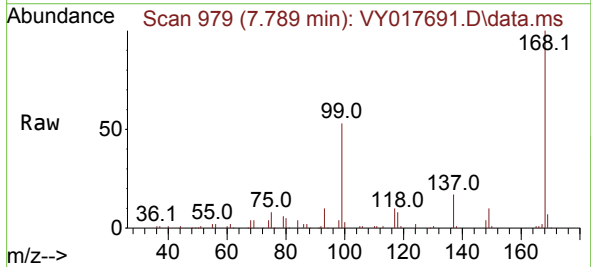
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-1

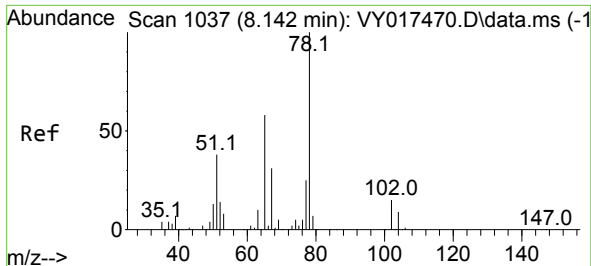
Tgt Ion:	84	Resp:	9733
Ion	Ratio	Lower	Upper
84	100		
49	103.8	84.4	126.6
51	34.9	26.0	39.0
86	72.9	49.5	74.3



#31
Cyclohexane
Concen: 1.177 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY017691.D
Acq: 18 Mar 2024 16:13

Tgt Ion:	56	Resp:	2079
Ion	Ratio	Lower	Upper
56	100		
69	153.3	28.7	43.1#
84	177.2	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 57.892 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY017691.D

Acq: 18 Mar 2024 16:13

Instrument :

MSVOA_Y

ClientSampleId :

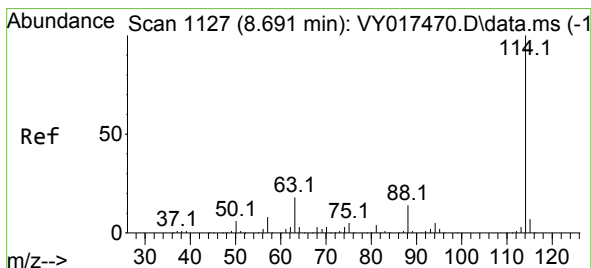
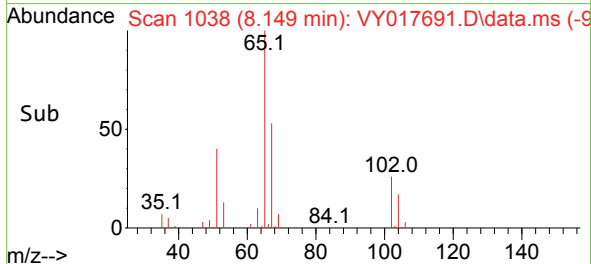
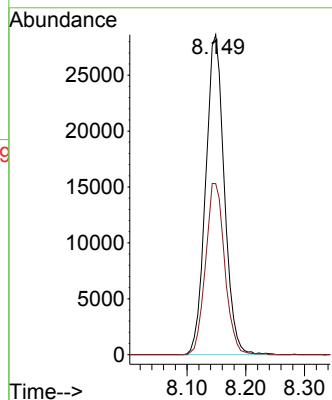
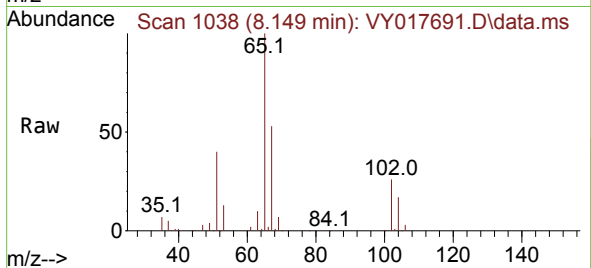
GRAB-1

Tgt Ion: 65 Resp: 62862

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017691.D

Acq: 18 Mar 2024 16:13

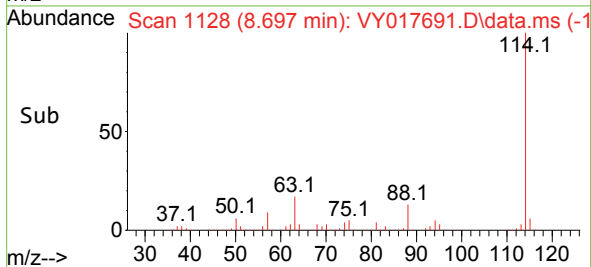
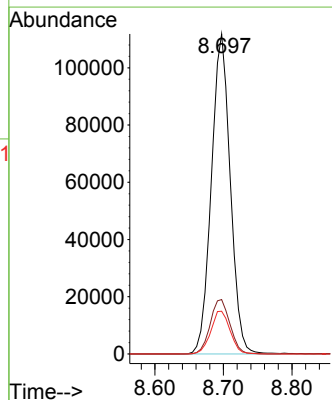
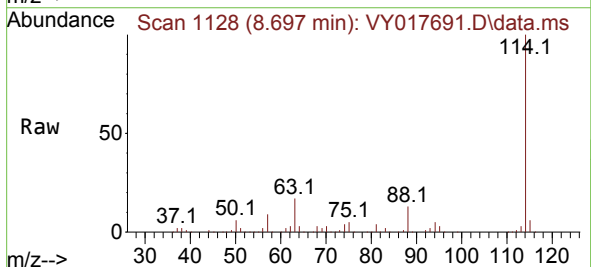
Tgt Ion: 114 Resp: 213963

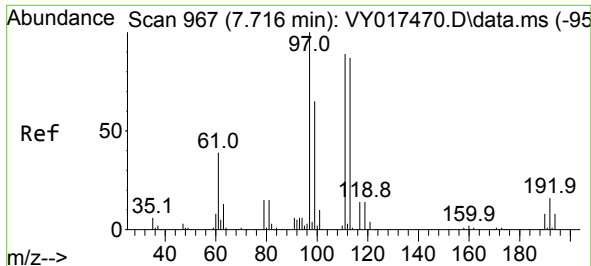
Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

88 13.3 0.0 27.2

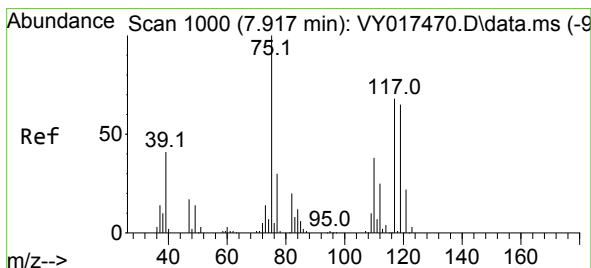
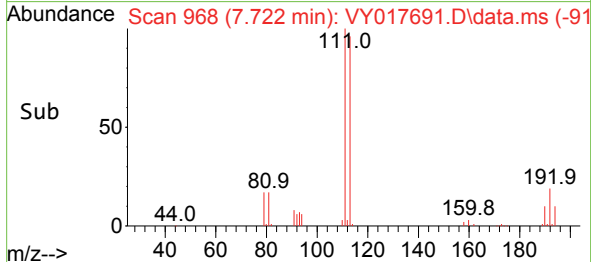
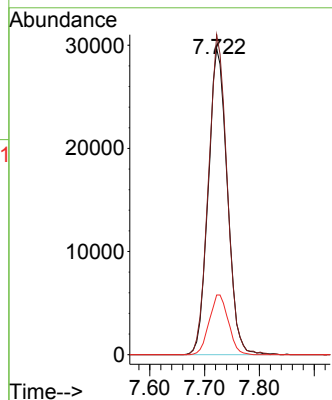
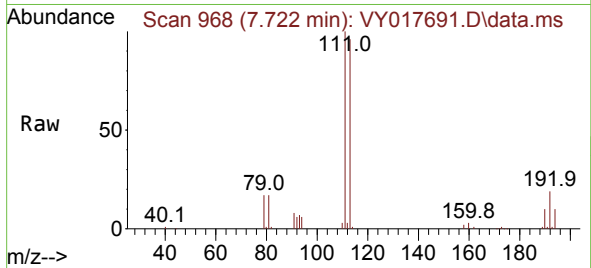




#35
Dibromofluoromethane
Concen: 47.954 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017691.D
Acq: 18 Mar 2024 16:13

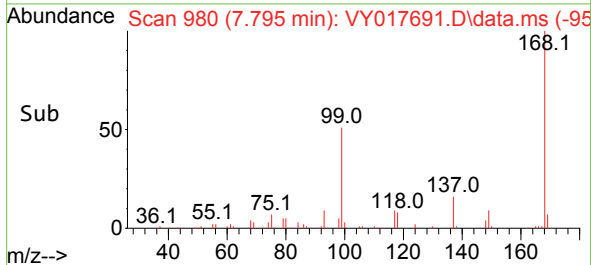
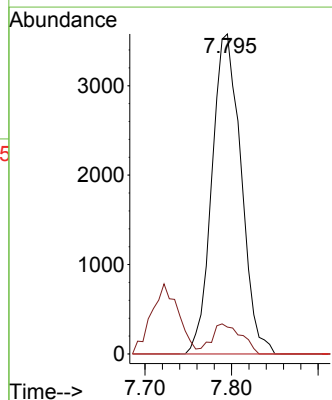
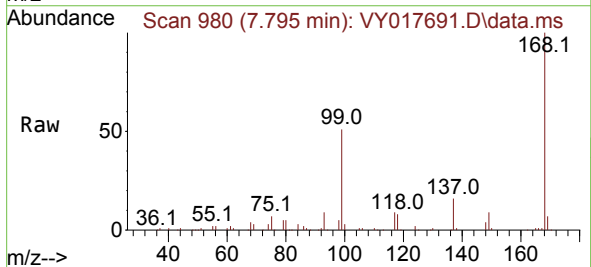
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-1

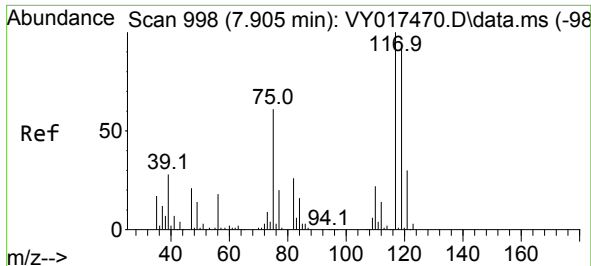
Tgt Ion:113 Resp: 71498
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 19.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.153 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY017691.D
Acq: 18 Mar 2024 16:13

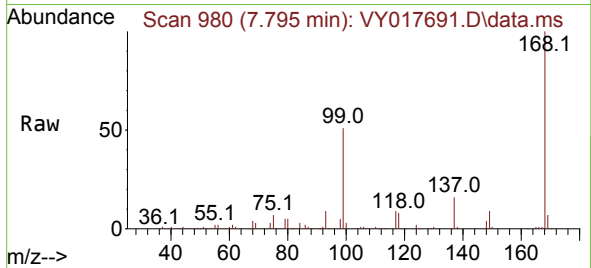
Tgt Ion: 75 Resp: 8354
Ion Ratio Lower Upper
75 100
110 9.7 19.0 57.0#
77 0.0 25.3 37.9#



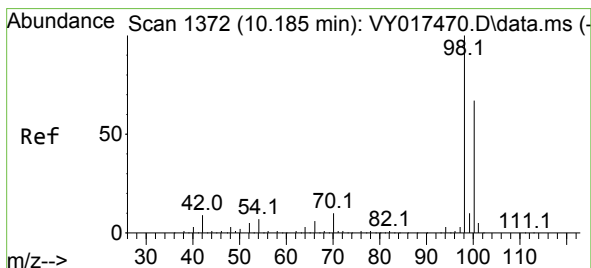
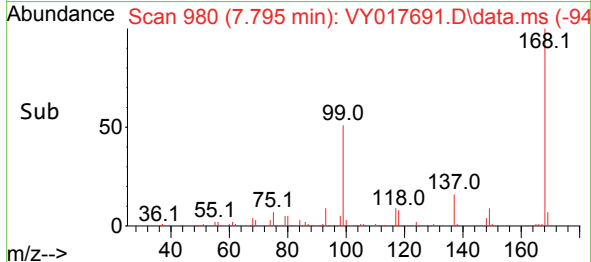
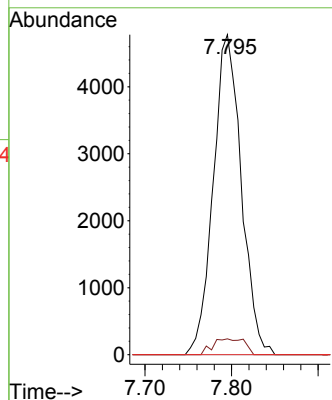


#38
Carbon Tetrachloride
Concen: 5.326 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY017691.D
Acq: 18 Mar 2024 16:13

Instrument :
MSVOA_Y
ClientSampleId :
GRAB-1

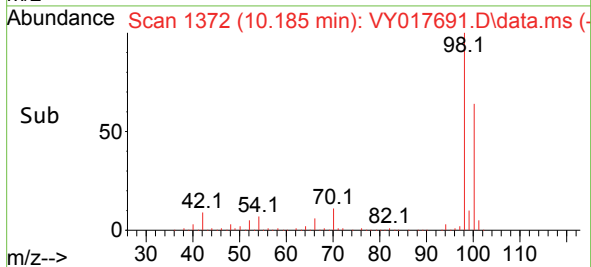
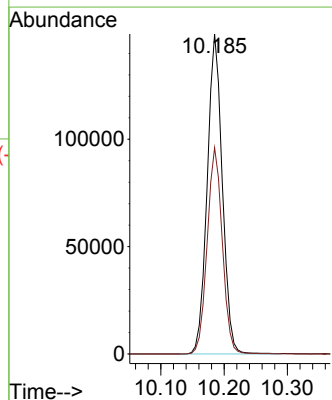
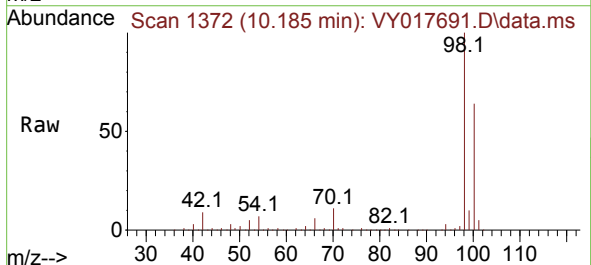


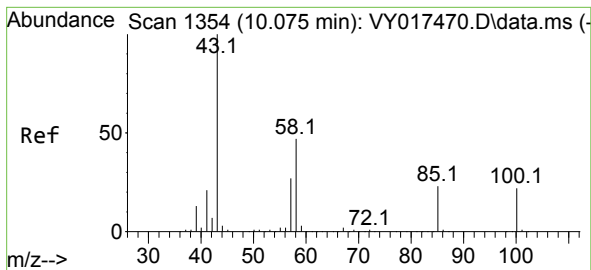
Tgt Ion:117 Resp: 10738
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.466 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017691.D
Acq: 18 Mar 2024 16:13

Tgt Ion: 98 Resp: 247439
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

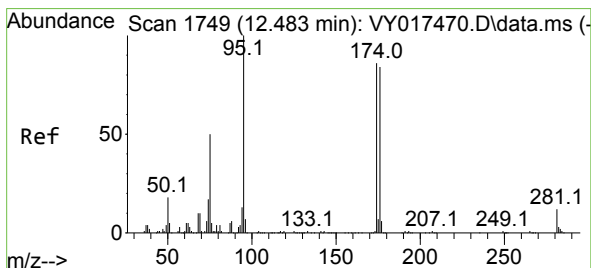
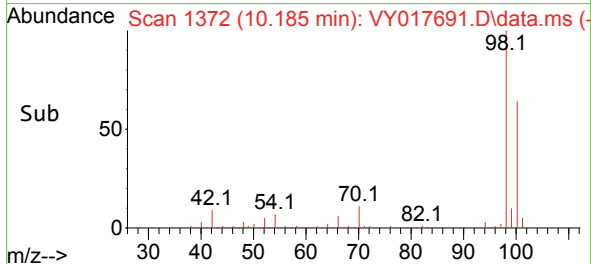
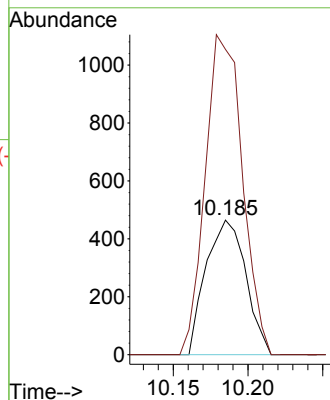
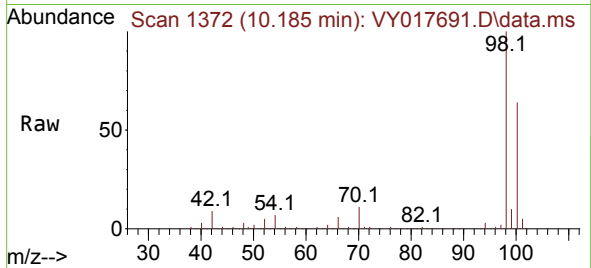




#51
 4-Methyl-2-Pentanone
 Concen: 1.105 ug/l
 RT: 10.185 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY017691.D
 Acq: 18 Mar 2024 16:13

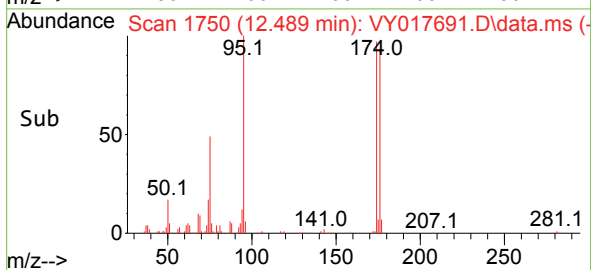
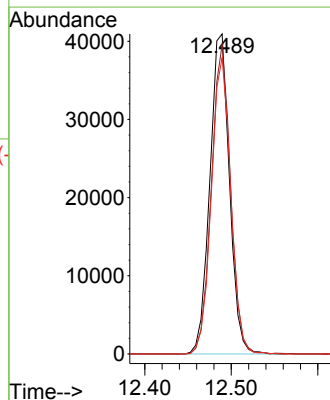
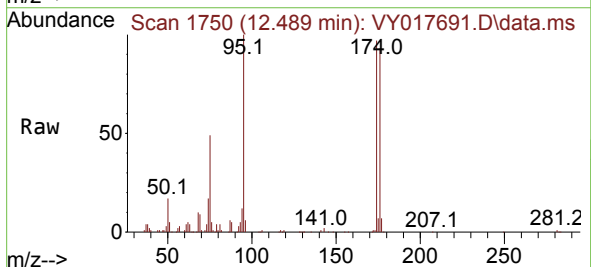
Instrument :
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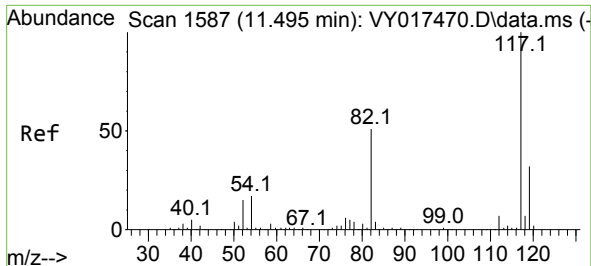
Tgt Ion: 43 Resp: 860
 Ion Ratio Lower Upper
 43 100
 58 222.1 35.7 53.5#



#62
 4-Bromofluorobenzene
 Concen: 39.359 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VY017691.D
 Acq: 18 Mar 2024 16:13

Tgt Ion: 95 Resp: 64482
 Ion Ratio Lower Upper
 95 100
 174 94.2 0.0 175.6
 176 91.3 0.0 171.4

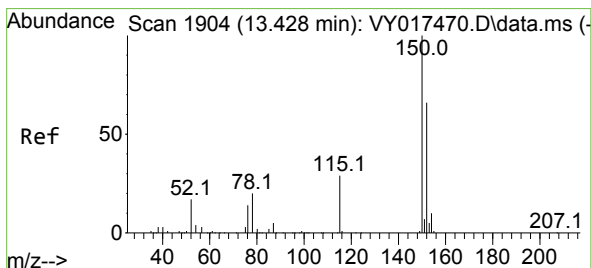
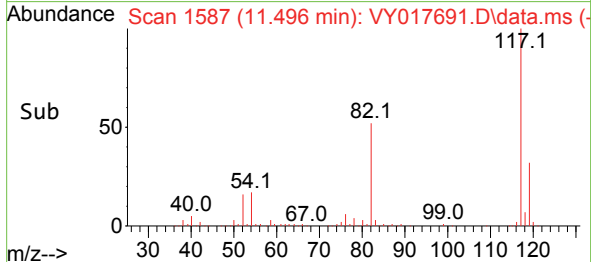
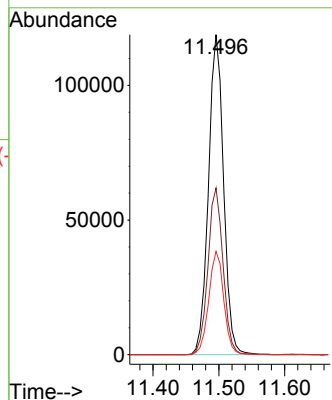
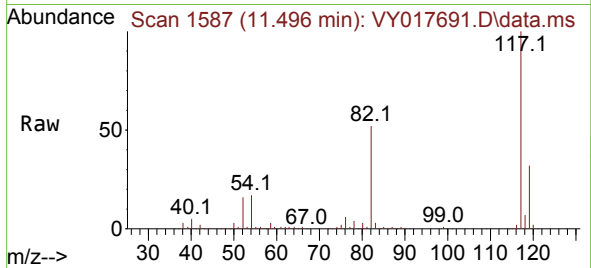




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017691.D
Acq: 18 Mar 2024 16:13

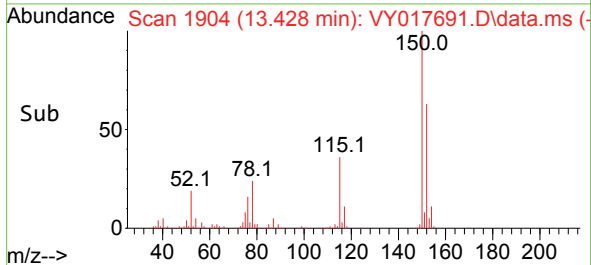
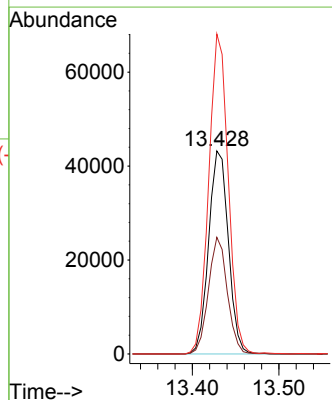
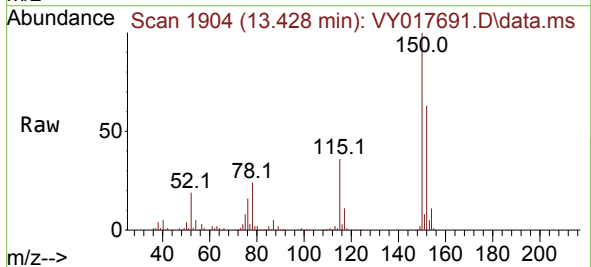
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-1

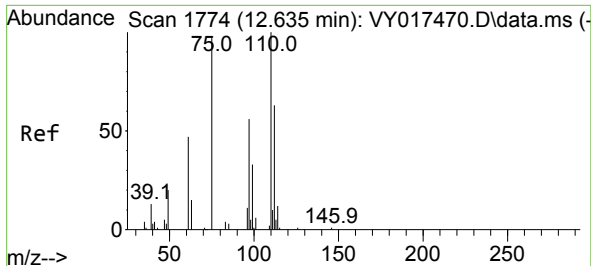
Tgt Ion:117 Resp: 190022
Ion Ratio Lower Upper
117 100
82 52.1 42.4 63.6
119 32.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017691.D
Acq: 18 Mar 2024 16:13

Tgt Ion:152 Resp: 68273
Ion Ratio Lower Upper
152 100
115 55.2 28.2 84.7
150 155.7 0.0 345.6

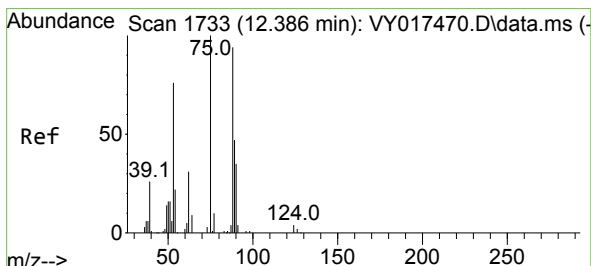
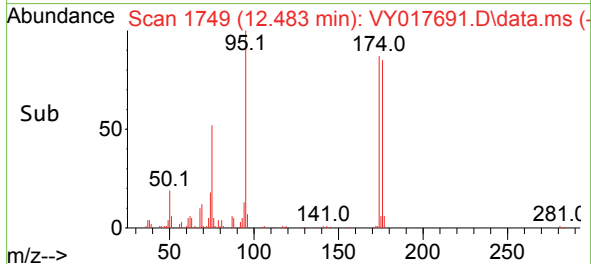
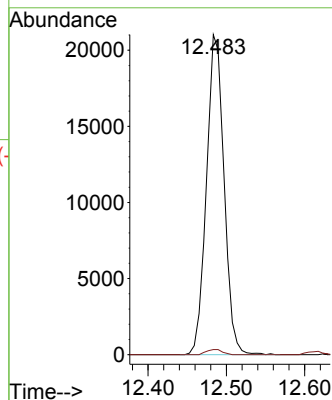
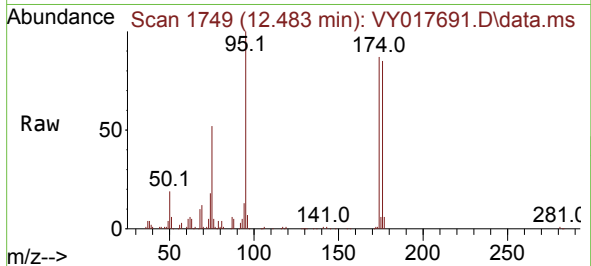




#76
1,2,3-Trichloropropane
Concen: 50.466 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY017691.D
Acq: 18 Mar 2024 16:13

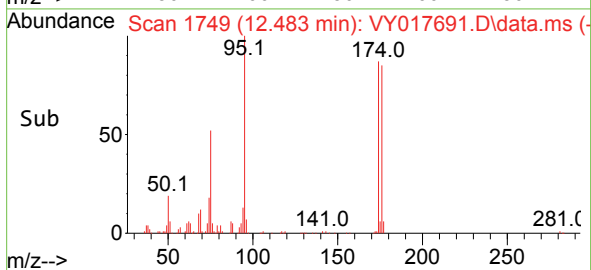
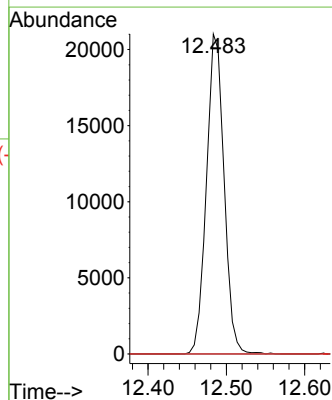
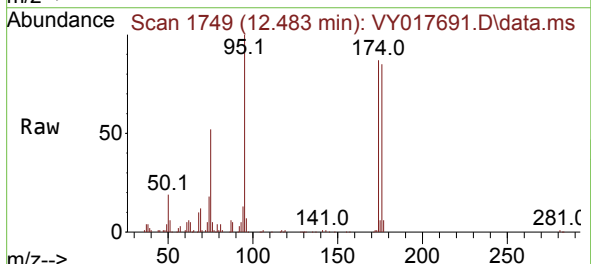
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-1

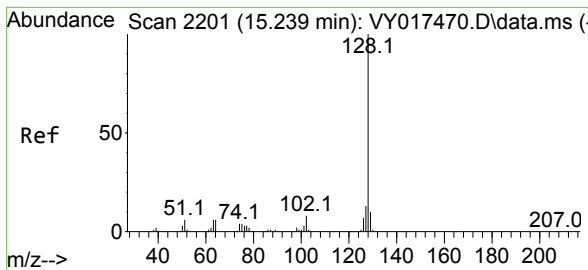
Tgt Ion: 75 Resp: 32737
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.959 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017691.D
Acq: 18 Mar 2024 16:13

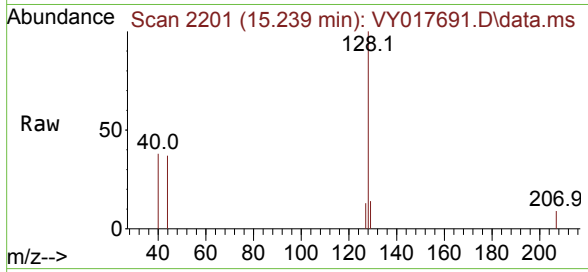
Tgt Ion: 75 Resp: 32737
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 4.423 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY017691.D
Acq: 18 Mar 2024 16:13

Instrument :
MSVOA_Y
ClientSampleId :
GRAB-1



Tgt Ion:	128	Resp:	1179
Ion	Ratio	Lower	Upper
128	100		
127	8.7	10.6	16.0#
129	8.7	8.6	13.0

