

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112124\
 Data File : VY020398.D
 Acq On : 21 Nov 2024 19:37
 Operator : SY/MD
 Sample : P4936-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 22 00:29:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	42495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	76610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	65664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	23475	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	25750	52.743	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.480%
35) Dibromofluoromethane	7.640	113	24458	49.788	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.580%
50) Toluene-d8	10.109	98	89608	46.306	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.620%
62) 4-Bromofluorobenzene	12.408	95	28095	45.163	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	90.320%

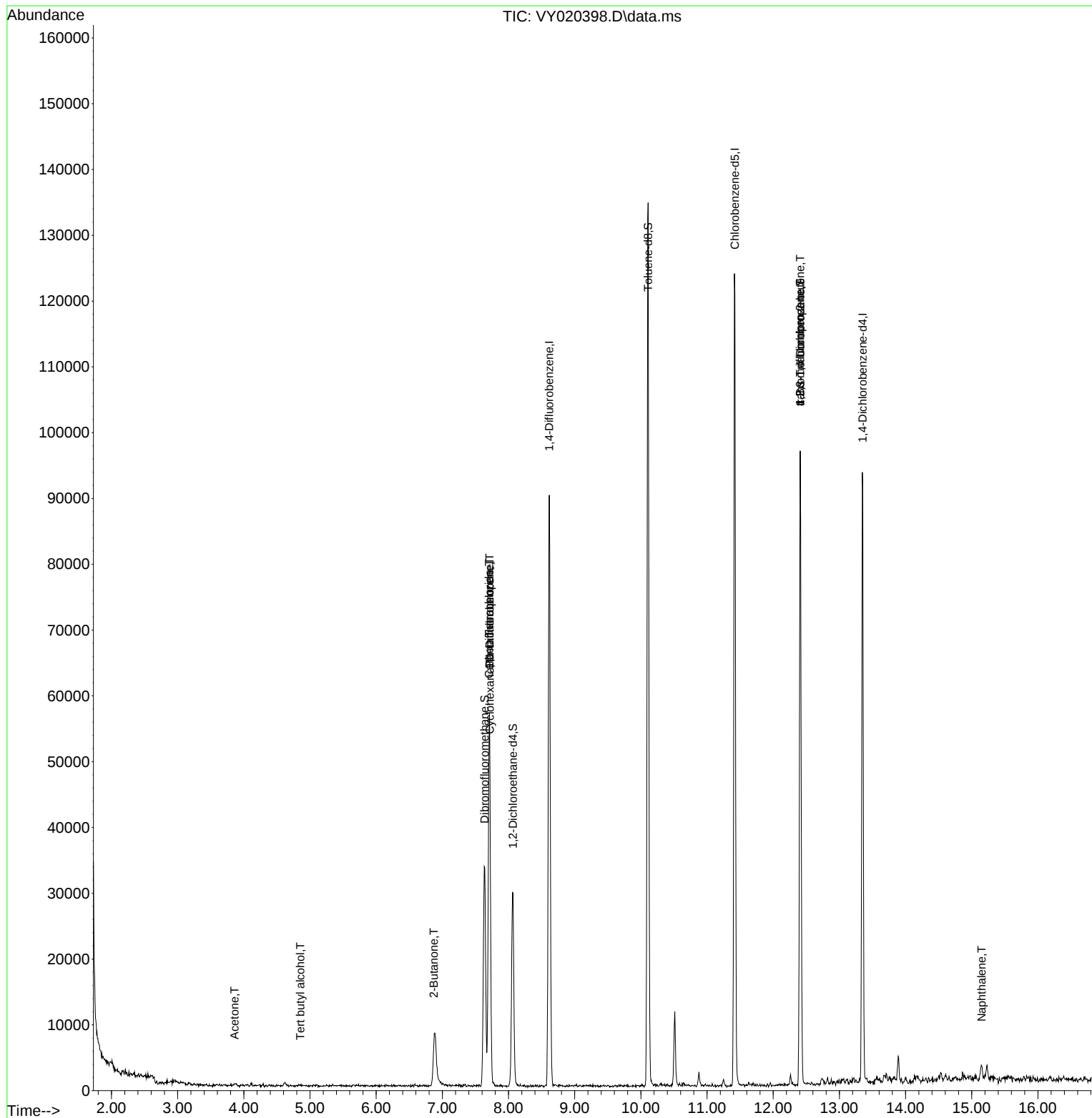
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.854	59	89	1.683	ug/l #	73
16) Acetone	3.861	43	590	5.041	ug/l #	80
25) 2-Butanone	6.872	43	377	2.502	ug/l #	50
31) Cyclohexane	7.720	56	1011	1.111	ug/l #	36
36) 1,1-Dichloropropene	7.713	75	3594	4.790	ug/l #	51
38) Carbon Tetrachloride	7.707	117	4462	5.696	ug/l #	15
76) 1,2,3-Trichloropropane	12.408	75	15497	70.040	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	15497	137.240	ug/l #	9
95) Naphthalene	15.151	128	2196	3.005	ug/l	97

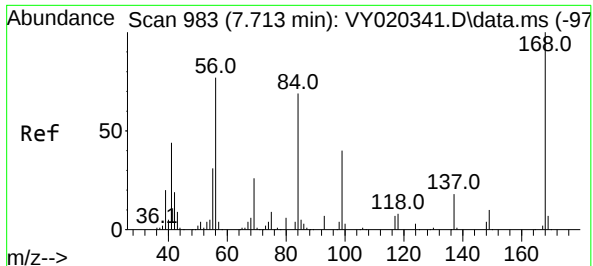
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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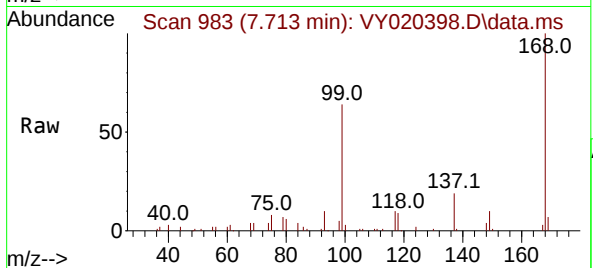
Quant Time: Nov 22 00:29:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
Quant Title : SW846 8260
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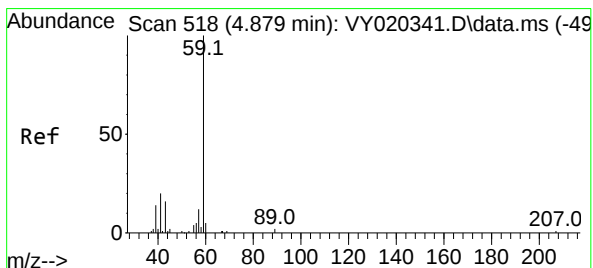
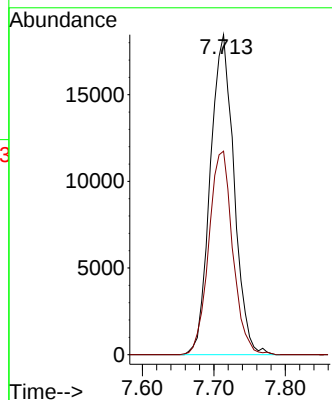
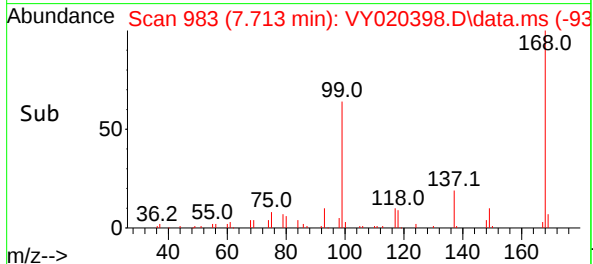


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020398.D
Acq: 21 Nov 2024 19:37

Instrument :
MSVOA_Y
ClientSampleId :

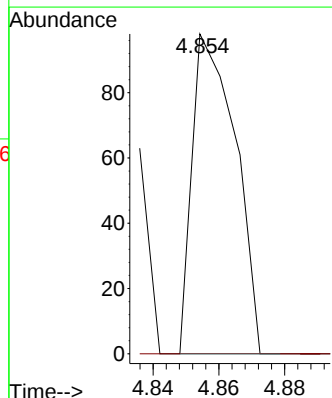
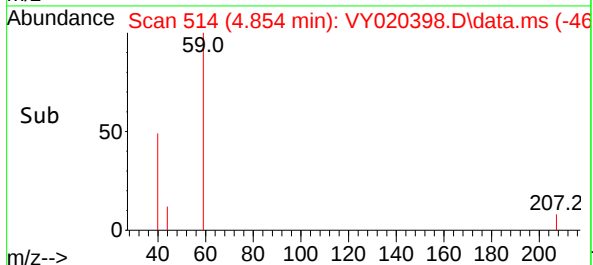
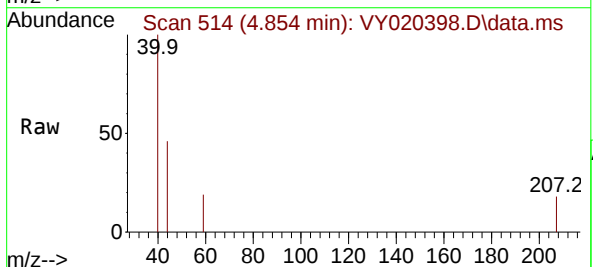


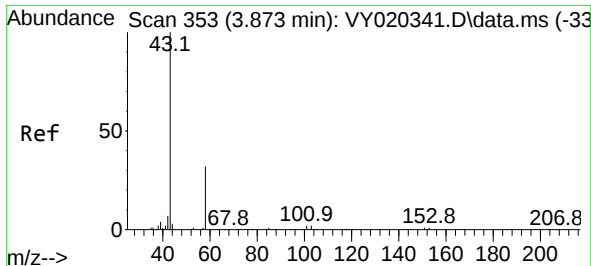
Tgt Ion:168 Resp: 42495
Ion Ratio Lower Upper
168 100
99 63.6 46.6 69.8



#11
Tert butyl alcohol
Concen: 1.683 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.024 min
Lab File: VY020398.D
Acq: 21 Nov 2024 19:37

Tgt Ion: 59 Resp: 89
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#16

Acetone

Concen: 5.041 ug/l

RT: 3.861 min Scan# 31

Delta R.T. -0.012 min

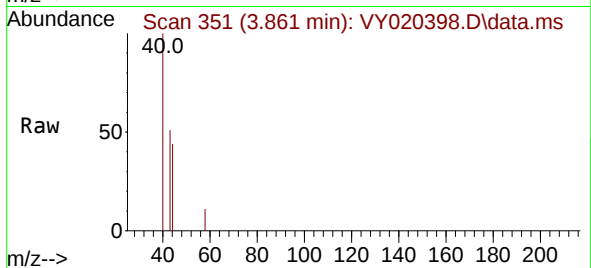
Lab File: VY020398.D

Acq: 21 Nov 2024 19:37

Instrument :

MSVOA_Y

ClientSampleId :

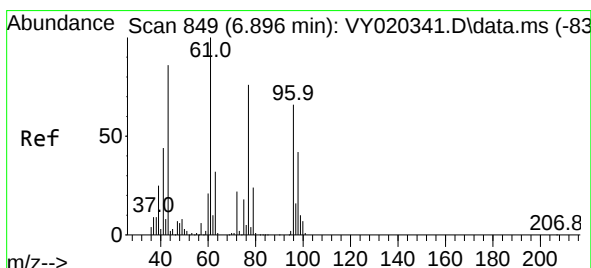
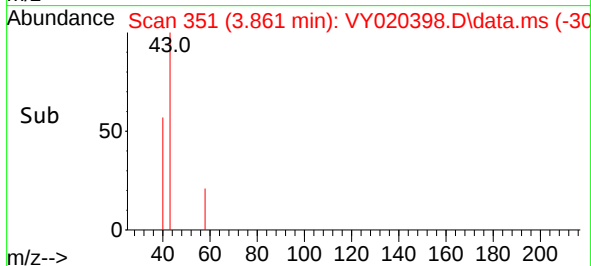
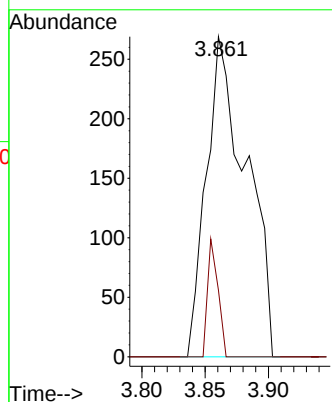


Tgt Ion: 43 Resp: 590

Ion Ratio Lower Upper

43 100

58 20.8 25.7 38.5#



#25

2-Butanone

Concen: 2.502 ug/l

RT: 6.872 min Scan# 845

Delta R.T. -0.024 min

Lab File: VY020398.D

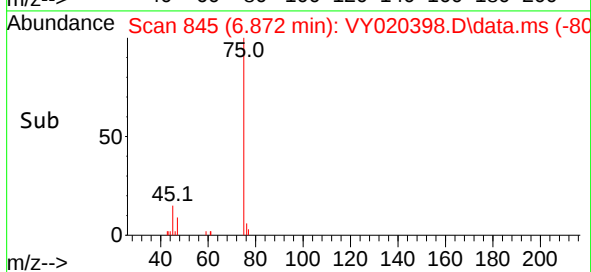
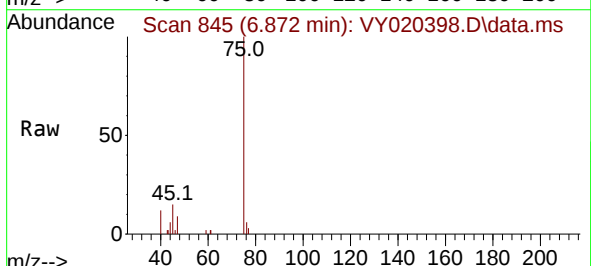
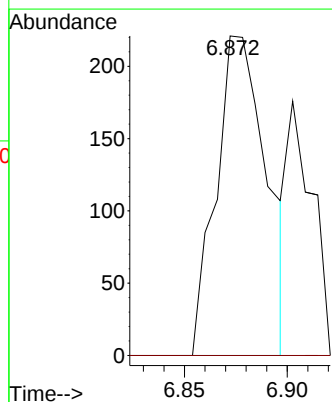
Acq: 21 Nov 2024 19:37

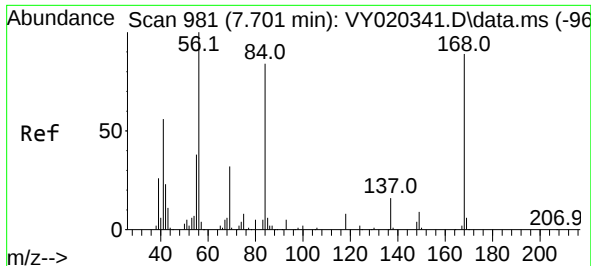
Tgt Ion: 43 Resp: 377

Ion Ratio Lower Upper

43 100

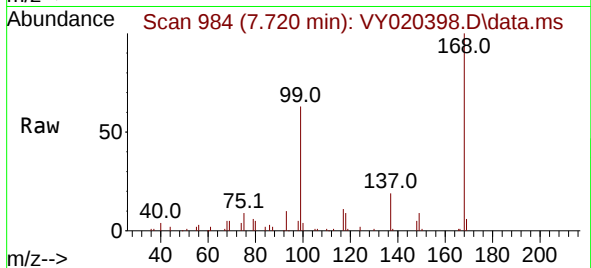
72 0.0 20.4 30.6#



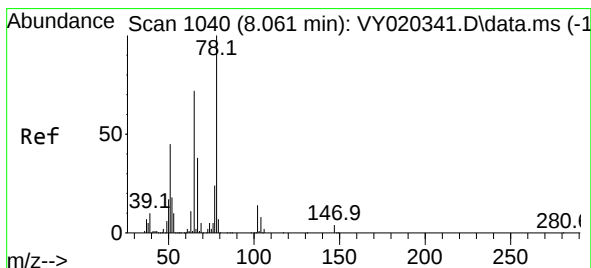
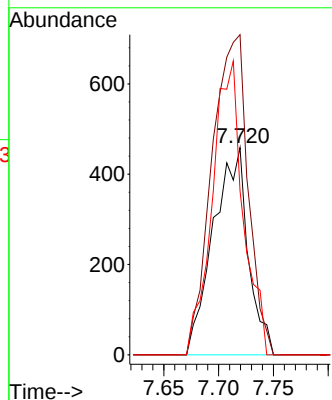
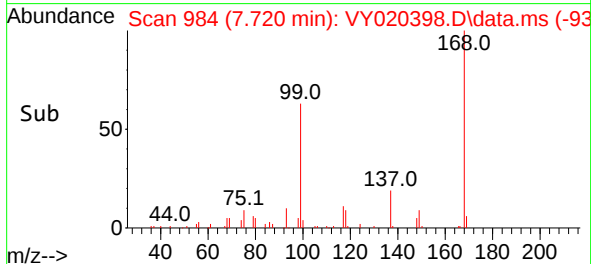


#31
Cyclohexane
Concen: 1.111 ug/l
RT: 7.720 min Scan# 981
Delta R.T. 0.018 min
Lab File: VY020398.D
Acq: 21 Nov 2024 19:37

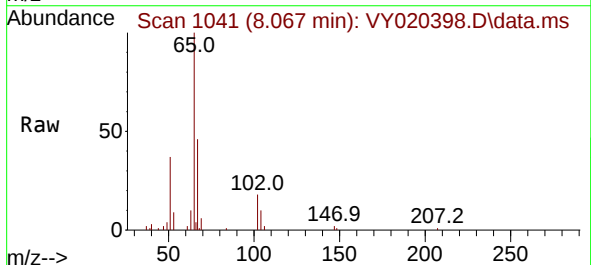
Instrument :
MSVOA_Y
ClientSampleId :



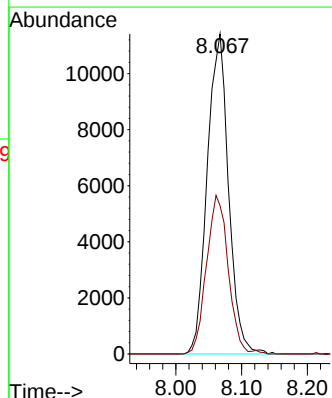
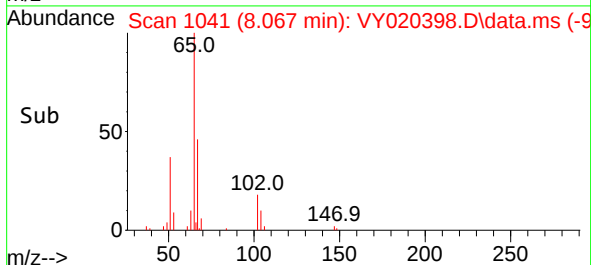
Tgt Ion: 56 Resp: 1011
Ion Ratio Lower Upper
56 100
69 154.5 25.3 37.9#
84 79.1 66.9 100.3

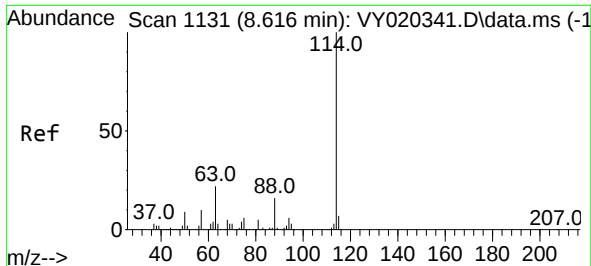


#33
1,2-Dichloroethane-d4
Concen: 52.743 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020398.D
Acq: 21 Nov 2024 19:37



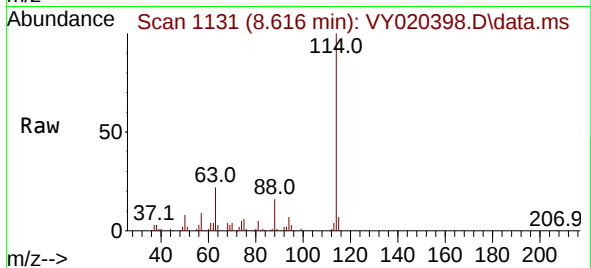
Tgt Ion: 65 Resp: 25750
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.8



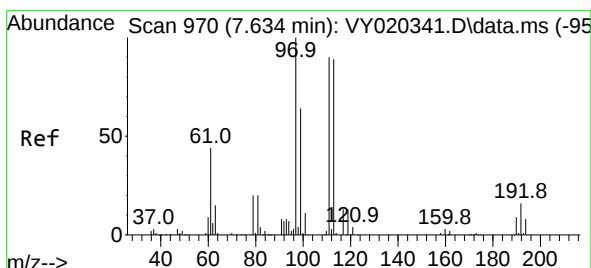
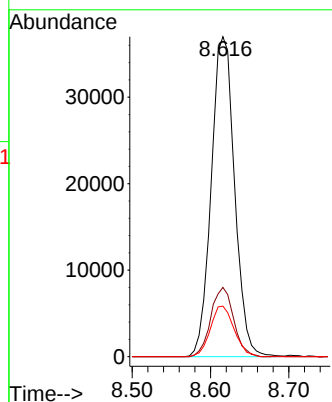
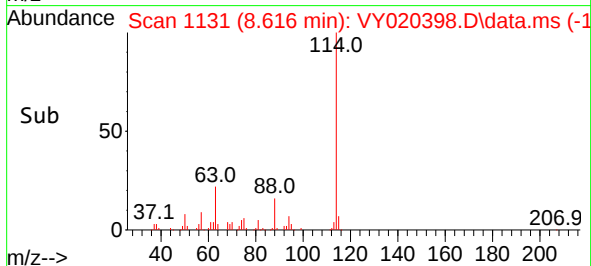


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020398.D
Acq: 21 Nov 2024 19:37

Instrument :
MSVOA_Y
ClientSampleId :

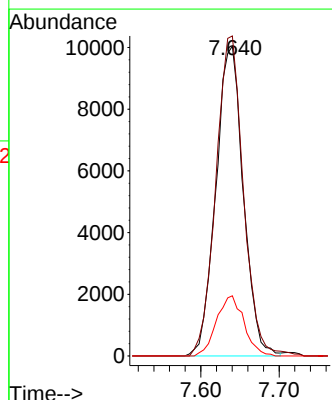
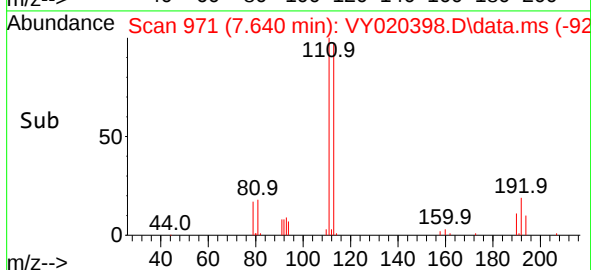
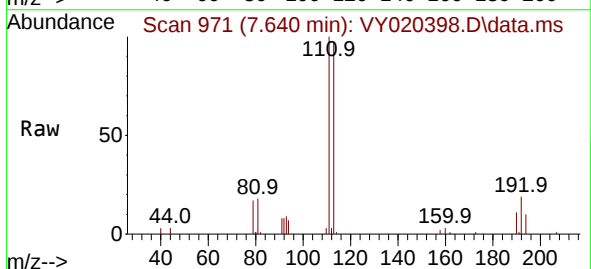


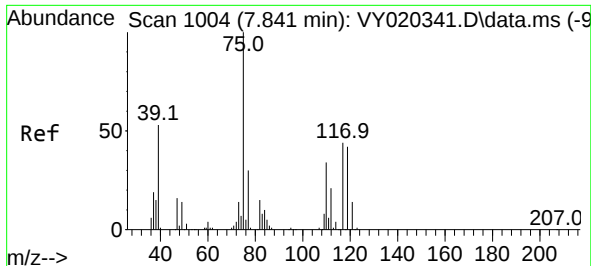
Tgt Ion:	114	Resp:	76610
Ion Ratio	Lower	Upper	
114	100		
63	21.6	0.0	44.8
88	15.8	0.0	32.0



#35
Dibromofluoromethane
Concen: 49.788 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020398.D
Acq: 21 Nov 2024 19:37

Tgt Ion:	113	Resp:	24458
Ion Ratio	Lower	Upper	
113	100		
111	103.6	81.4	122.0
192	19.4	15.1	22.7





#36

1,1-Dichloropropene

Concen: 4.790 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.128 min

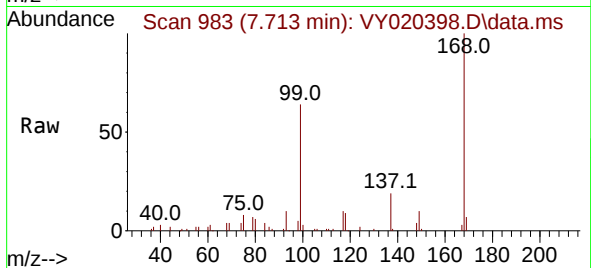
Lab File: VY020398.D

Acq: 21 Nov 2024 19:37

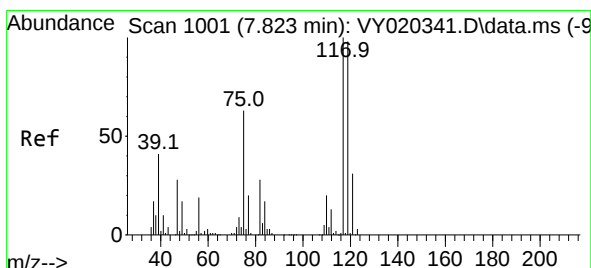
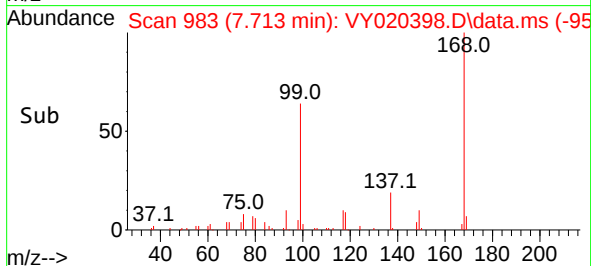
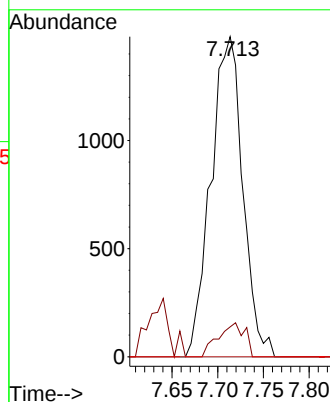
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	3594
Ion	Ratio	Lower	Upper
75	100		
110	8.8	16.7	50.0#
77	0.0	24.6	36.8#



#38

Carbon Tetrachloride

Concen: 5.696 ug/l

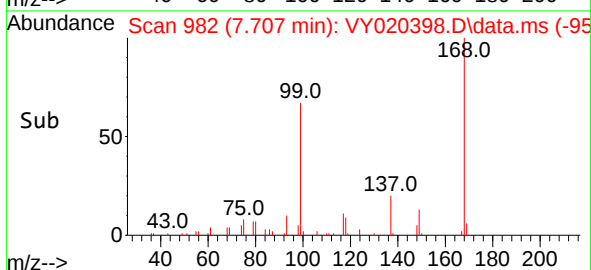
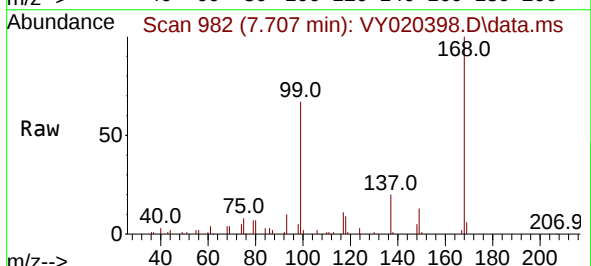
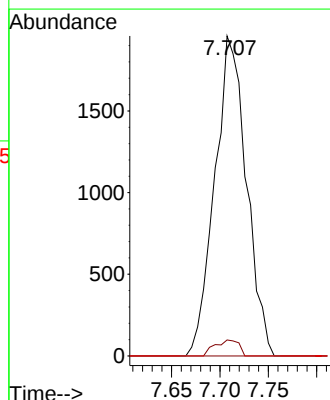
RT: 7.707 min Scan# 982

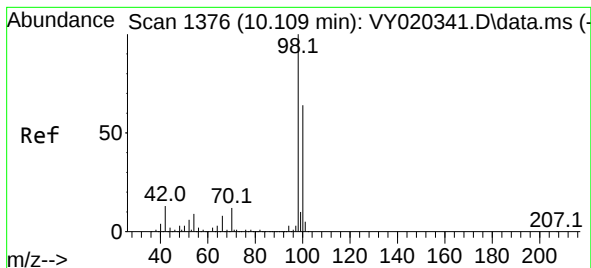
Delta R.T. -0.116 min

Lab File: VY020398.D

Acq: 21 Nov 2024 19:37

Tgt Ion:	117	Resp:	4462
Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.8	116.6#
121	0.0	24.6	37.0#

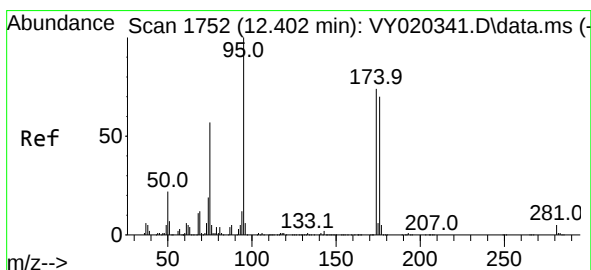
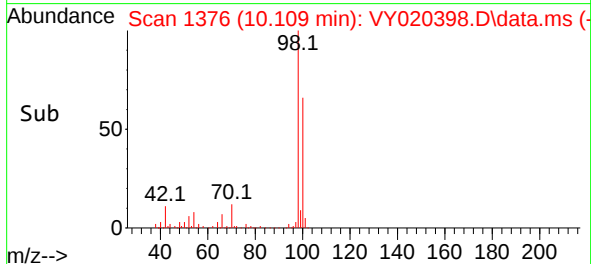
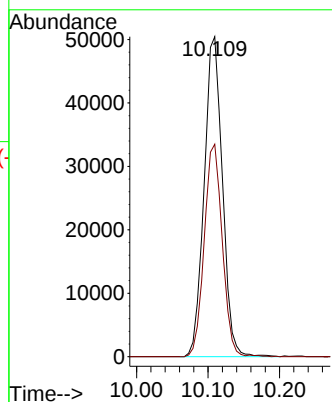
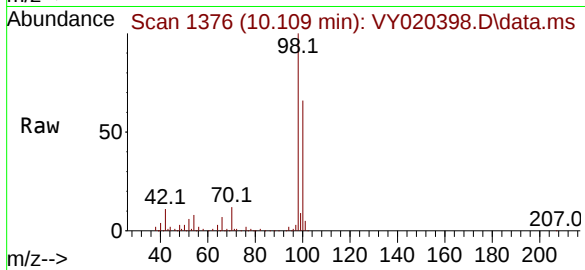




#50
Toluene-d8
Concen: 46.306 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020398.D
Acq: 21 Nov 2024 19:37

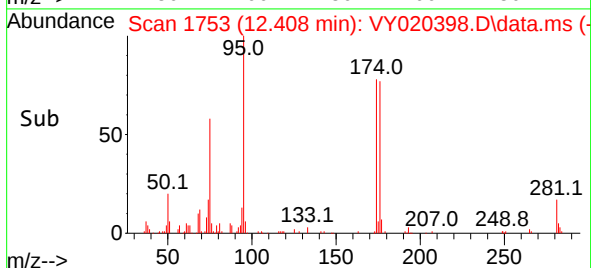
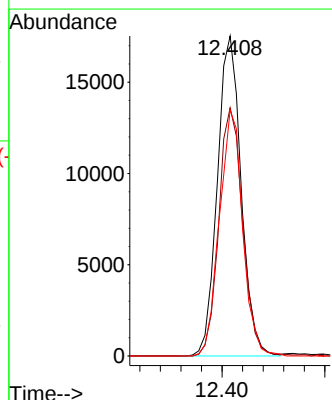
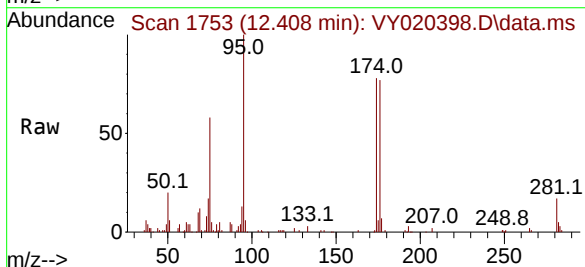
Instrument :
MSVOA_Y
ClientSampleId :

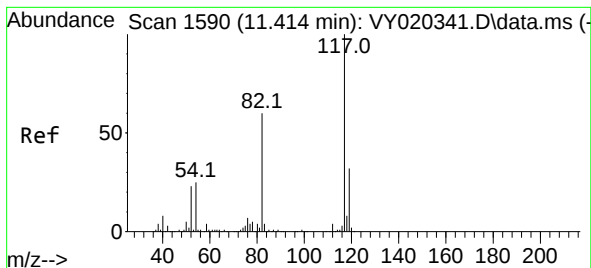
Tgt Ion: 98 Resp: 89608
Ion Ratio Lower Upper
98 100
100 65.5 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 45.163 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020398.D
Acq: 21 Nov 2024 19:37

Tgt Ion: 95 Resp: 28095
Ion Ratio Lower Upper
95 100
174 78.1 0.0 156.8
176 75.3 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020398.D

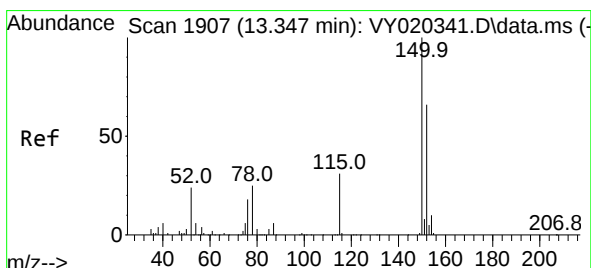
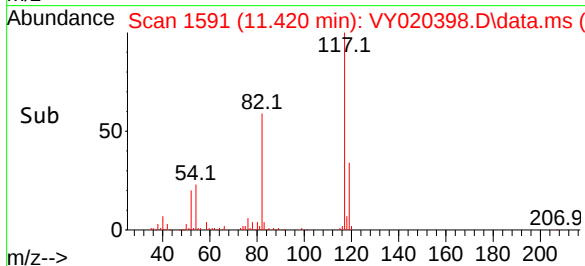
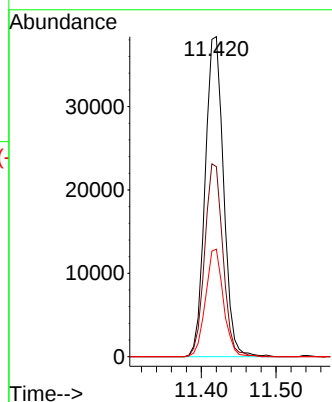
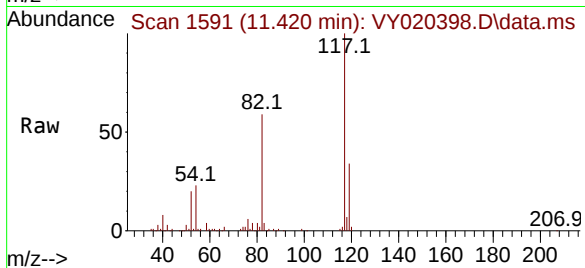
Acq: 21 Nov 2024 19:37

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp:	65664
Ion	Ratio	Lower Upper
117	100	
82	59.4	48.2 72.4
119	33.6	25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

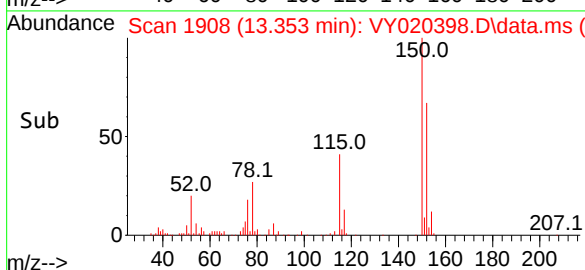
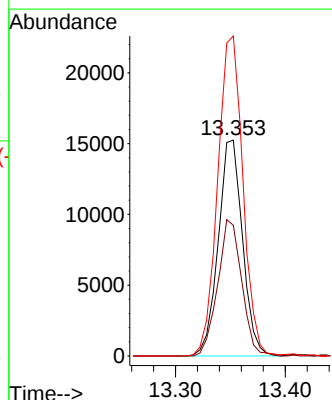
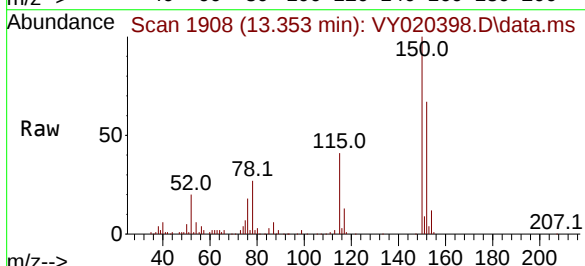
RT: 13.353 min Scan# 1908

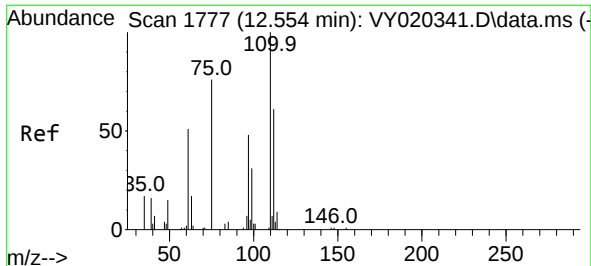
Delta R.T. 0.006 min

Lab File: VY020398.D

Acq: 21 Nov 2024 19:37

Tgt Ion:152	Resp:	23475
Ion	Ratio	Lower Upper
152	100	
115	62.2	30.0 90.0
150	154.4	0.0 348.2

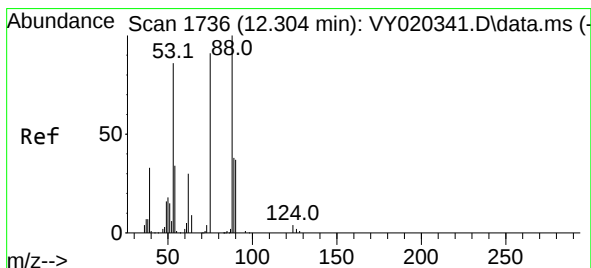
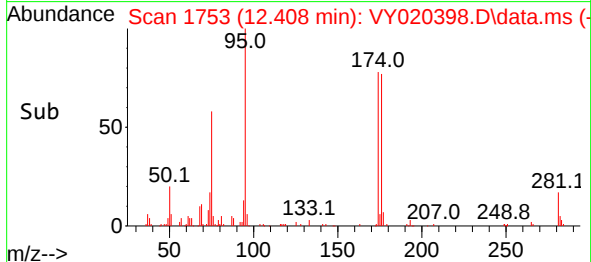
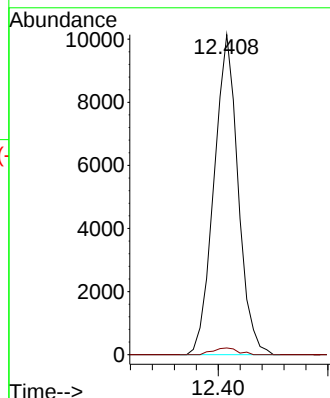
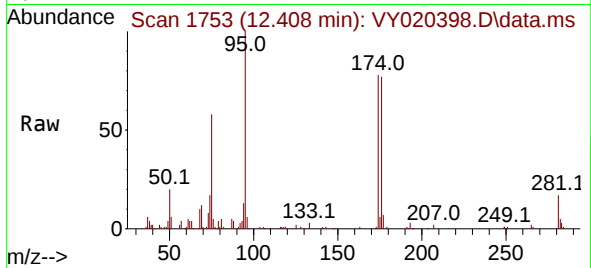




#76
1,2,3-Trichloropropane
Concen: 70.040 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY020398.D
Acq: 21 Nov 2024 19:37

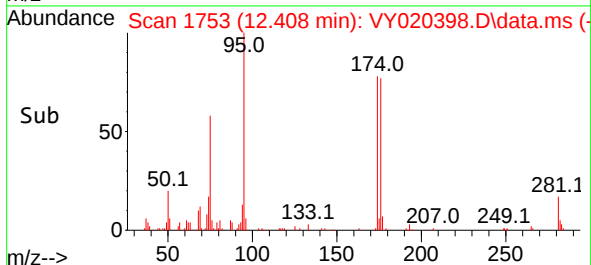
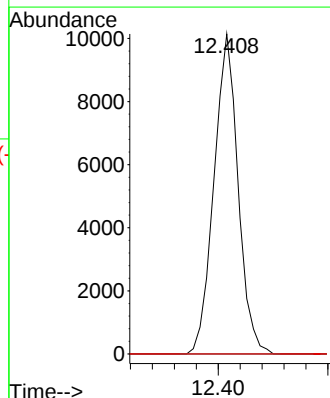
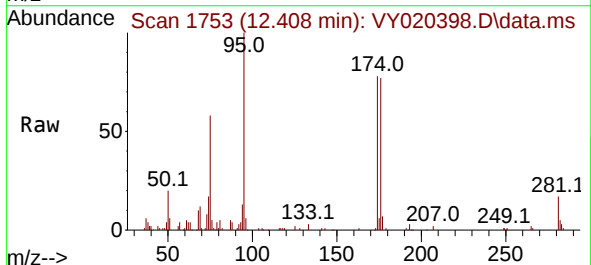
Instrument :
MSVOA_Y
ClientSampleId :

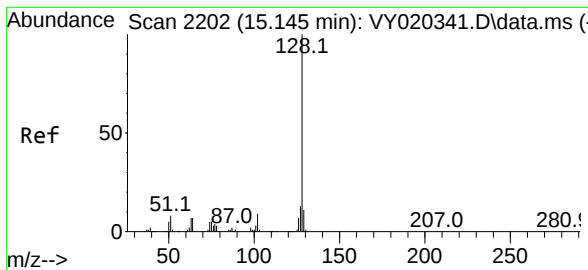
Tgt Ion: 75 Resp: 15497
Ion Ratio Lower Upper
75 100
77 2.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.240 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020398.D
Acq: 21 Nov 2024 19:37

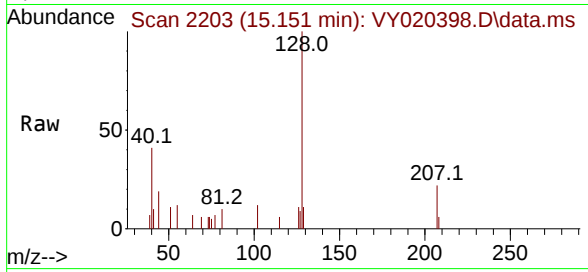
Tgt Ion: 75 Resp: 15497
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.0 35.1 52.7#





#95
Naphthalene
Concen: 3.005 ug/l
RT: 15.151 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY020398.D
Acq: 21 Nov 2024 19:37

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	2196
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.5	15.7
129	12.8	8.6	13.0

