

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072822\
 Data File : VY009743.D
 Acq On : 28 Jul 2022 12:07
 Operator : KP/MD
 Sample : N3918-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-07-26-2022

Quant Time: Jul 29 02:55:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

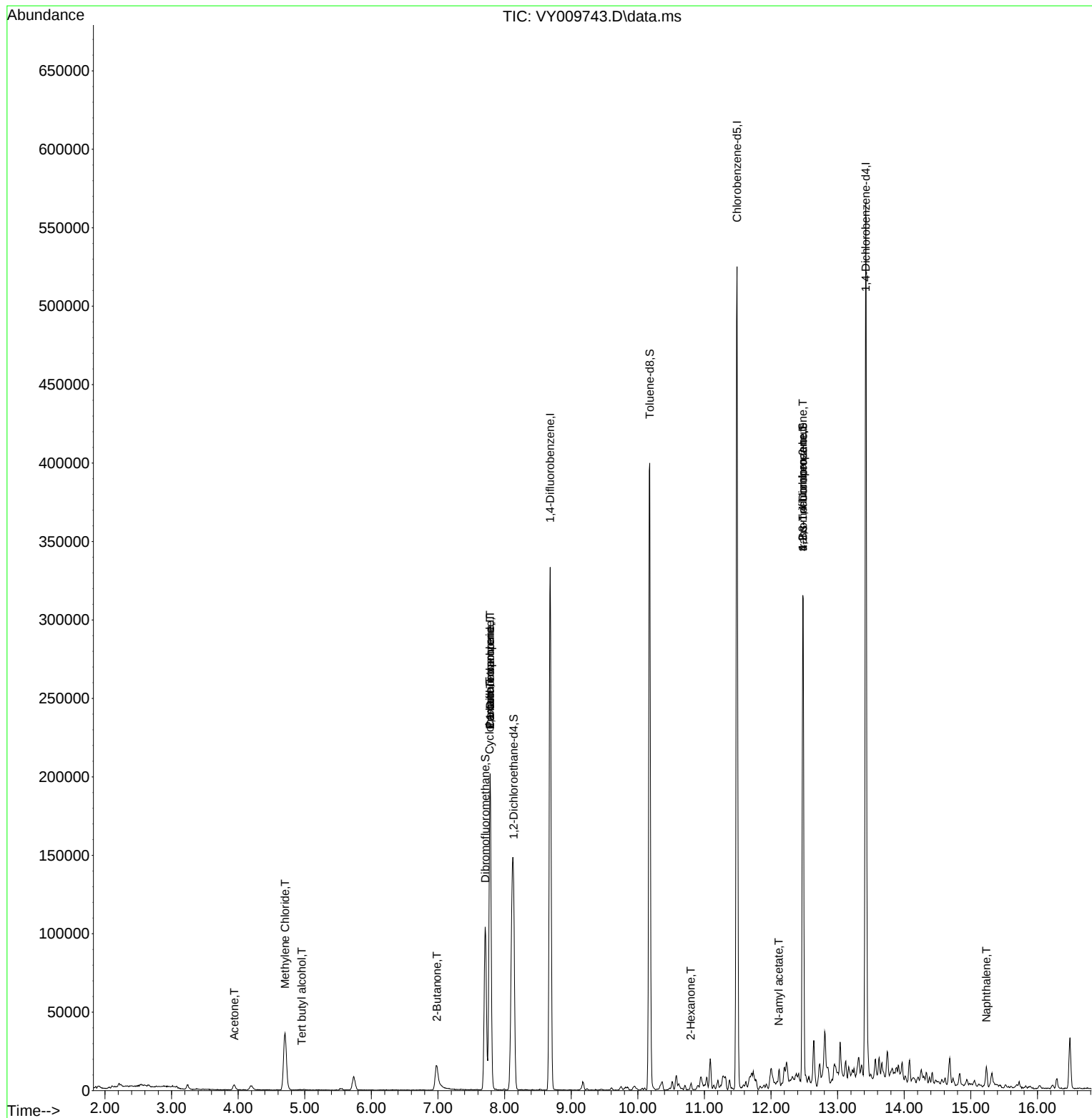
Internal Standards						
1) Pentafluorobenzene	7.783	168	165354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	301499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	297458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	76615	71.870	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 143.740%			
35) Dibromofluoromethane	7.710	113	73813	45.014	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 90.020%			
50) Toluene-d8	10.179	98	267015	56.460	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery = 112.920%			
62) 4-Bromofluorobenzene	12.477	95	91731	42.189	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 84.380%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	663	3.272	ug/l #	77
16) Acetone	3.942	43	5769	14.592	ug/l	96
18) Methyl Acetate	4.472	43	169	Below Cal	#	56
20) Methylene Chloride	4.704	84	28311	6.491	ug/l	86
25) 2-Butanone	6.984	43	1358	2.328	ug/l #	77
31) Cyclohexane	7.777	56	3132	1.190	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	10957	4.107	ug/l #	52
38) Carbon Tetrachloride	7.783	117	14689	5.138	ug/l #	17
59) 2-Hexanone	10.794	43	1571	1.568	ug/l #	28
74) N-amyl acetate	12.117	43	2720	1.075	ug/l #	70
76) 1,2,3-Trichloropropane	12.477	75	46782	34.165	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	46782	68.101	ug/l #	8
95) Naphthalene	15.233	128	10617	2.045	ug/l	97

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

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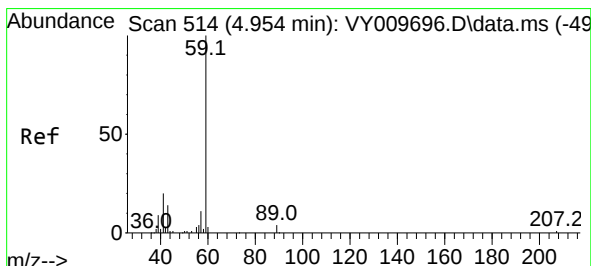
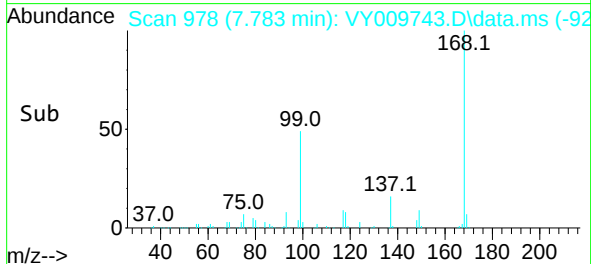
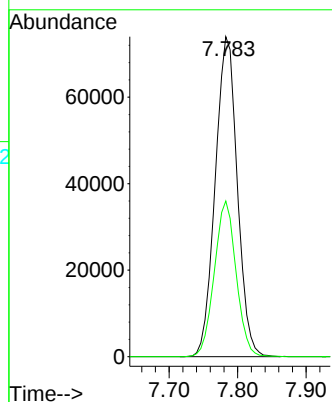
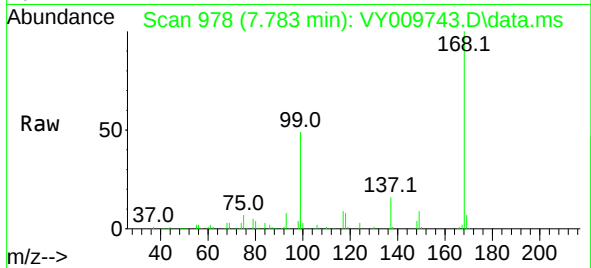




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009743.D
Acq: 28 Jul 2022 12:07

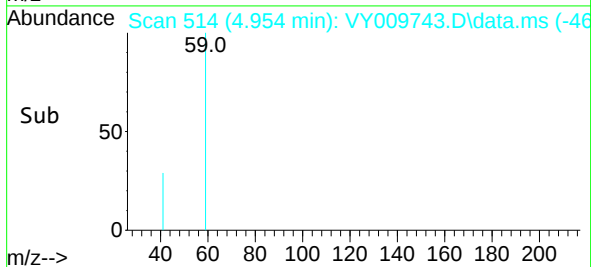
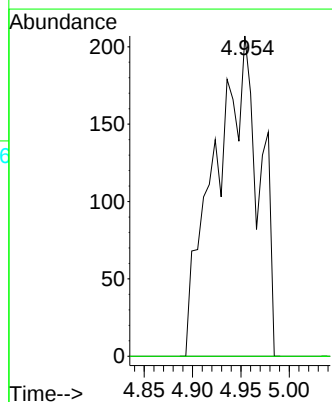
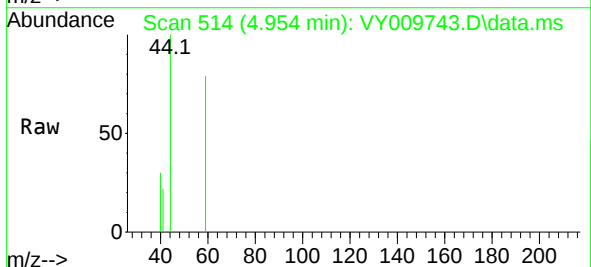
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-07-26-2022

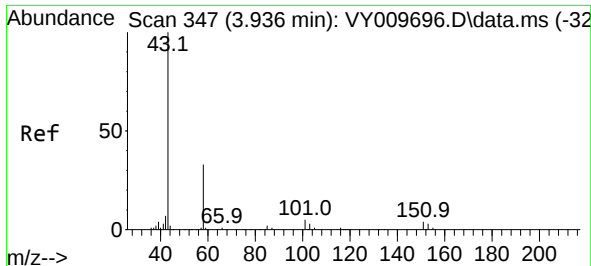
Tgt Ion:168 Resp: 165354
Ion Ratio Lower Upper
168 100
99 48.7 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.272 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY009743.D
Acq: 28 Jul 2022 12:07

Tgt Ion: 59 Resp: 663
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

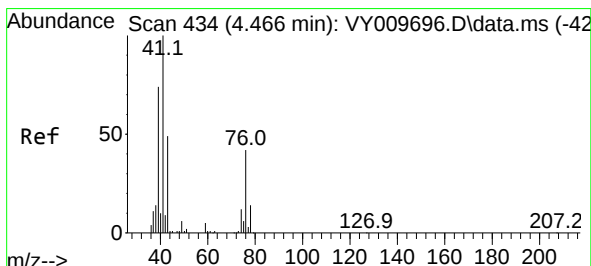
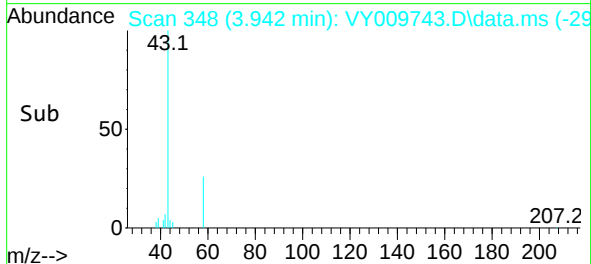
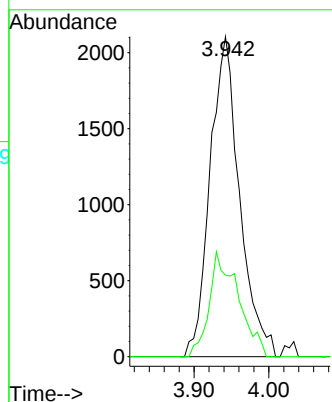
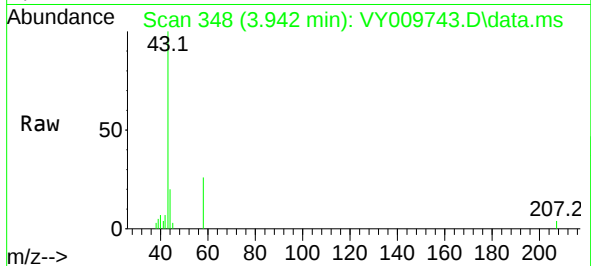




#16
Acetone
Concen: 14.592 ug/l
RT: 3.942 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY009743.D
Acq: 28 Jul 2022 12:07

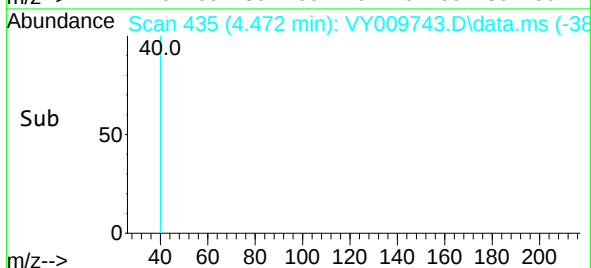
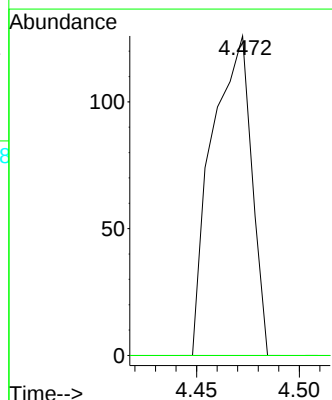
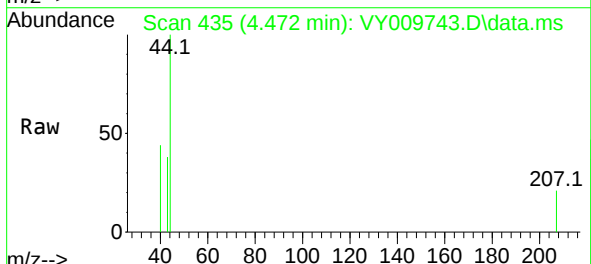
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-07-26-2022

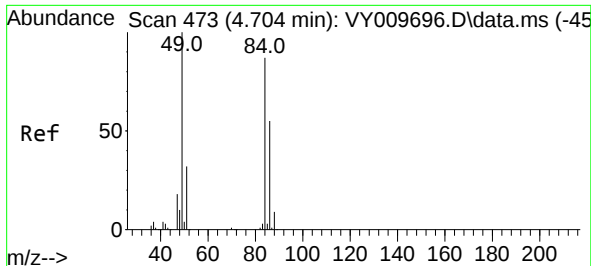
Tgt Ion: 43 Resp: 5769
Ion Ratio Lower Upper
43 100
58 25.5 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY009743.D
Acq: 28 Jul 2022 12:07

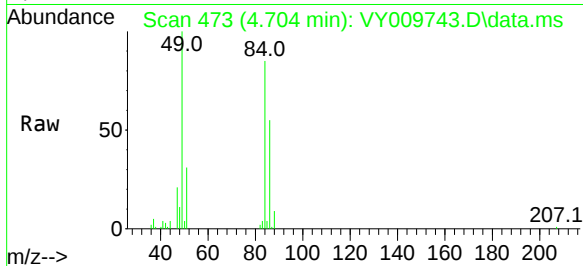
Tgt Ion: 43 Resp: 169
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



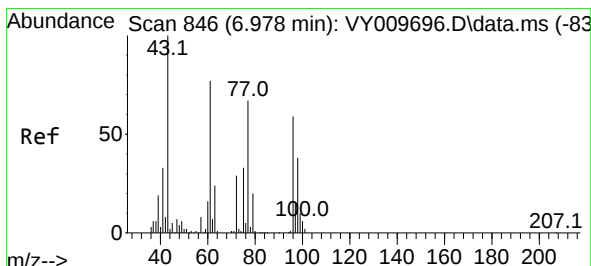
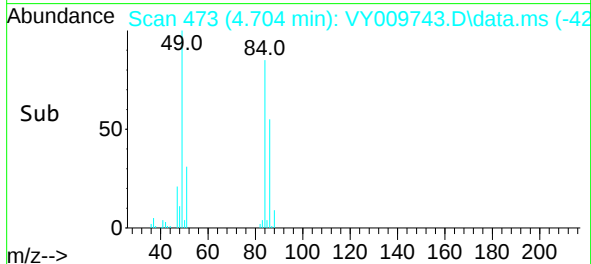
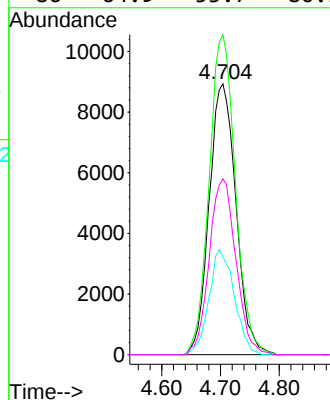


#20
Methylene Chloride
Concen: 6.491 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009743.D
Acq: 28 Jul 2022 12:07

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-07-26-2022

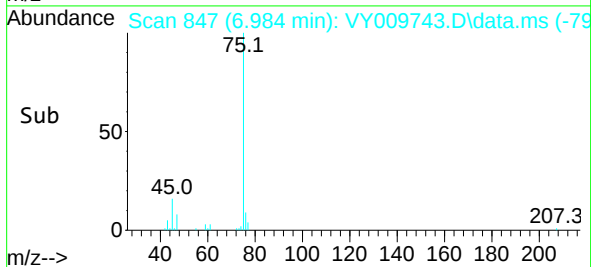
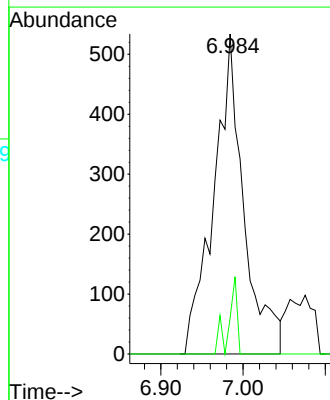
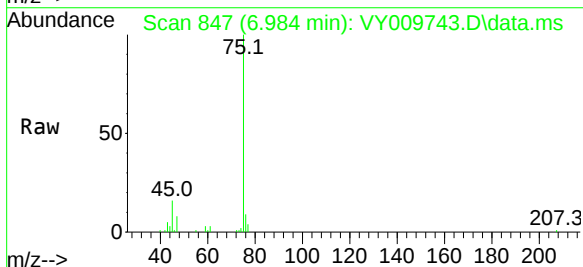


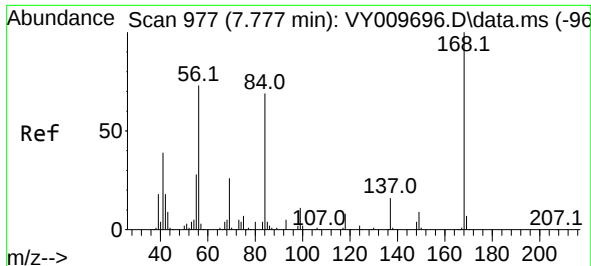
Tgt Ion:	84	Resp:	28311
Ion	Ratio	Lower	Upper
84	100		
49	118.1	114.4	171.6
51	36.1	35.3	52.9
86	64.9	53.7	80.5



#25
2-Butanone
Concen: 2.328 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY009743.D
Acq: 28 Jul 2022 12:07

Tgt Ion:	43	Resp:	1358
Ion	Ratio	Lower	Upper
43	100		
72	11.2	17.7	26.5#

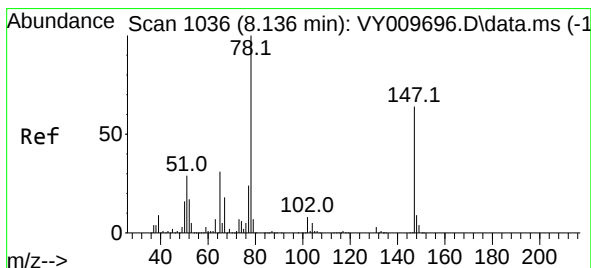
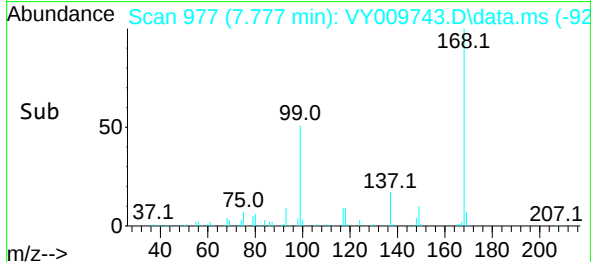
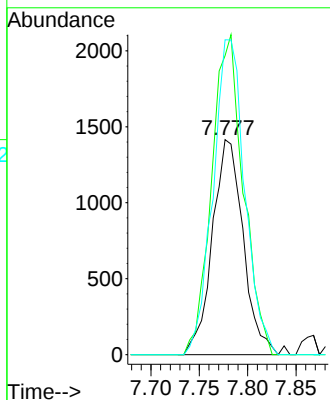
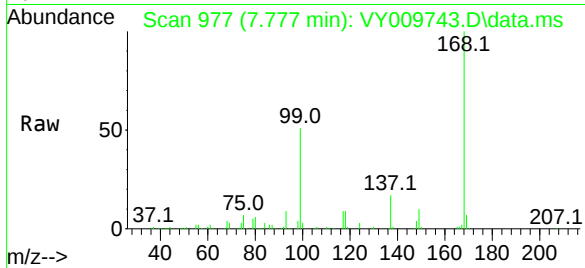




#31
Cyclohexane
Concen: 1.190 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009743.D
Acq: 28 Jul 2022 12:07

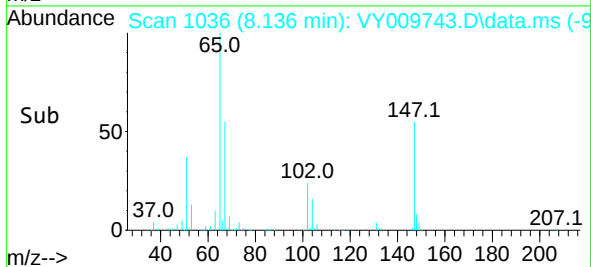
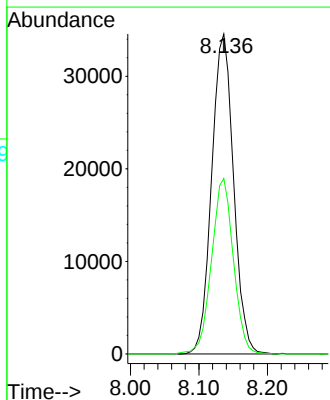
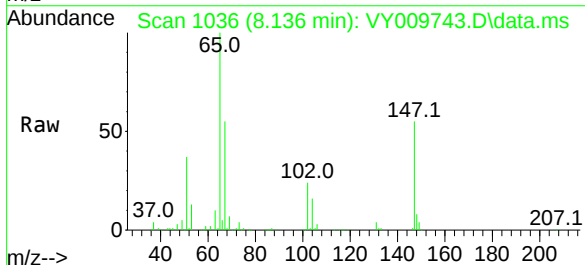
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-07-26-2022

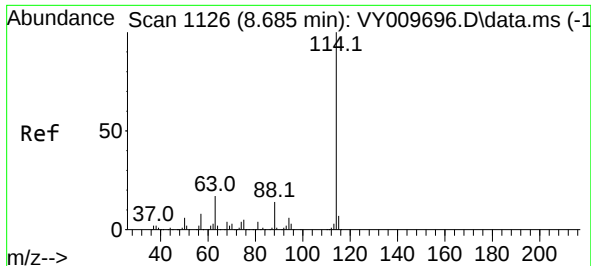
Tgt Ion: 56 Resp: 3132
Ion Ratio Lower Upper
56 100
69 139.1 26.7 40.1#
84 146.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 71.870 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009743.D
Acq: 28 Jul 2022 12:07

Tgt Ion: 65 Resp: 76615
Ion Ratio Lower Upper
65 100
67 54.8 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009743.D

Acq: 28 Jul 2022 12:07

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-07-26-2022

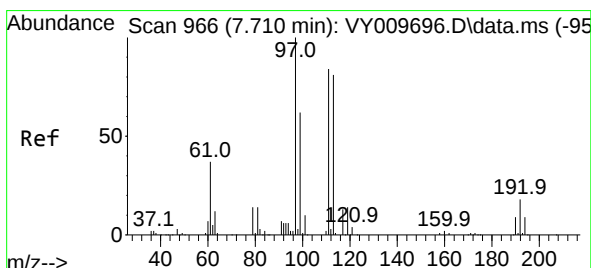
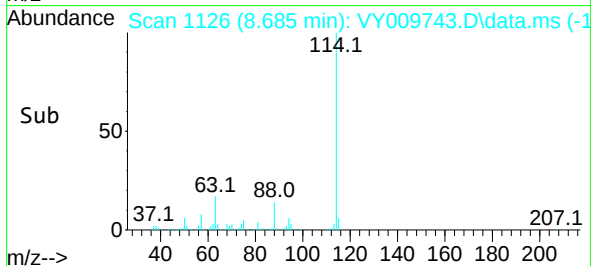
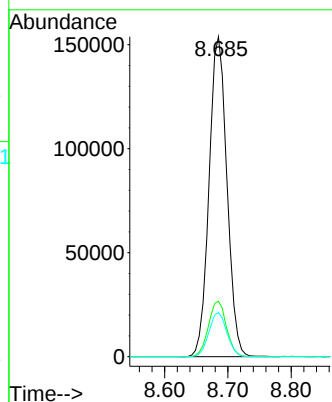
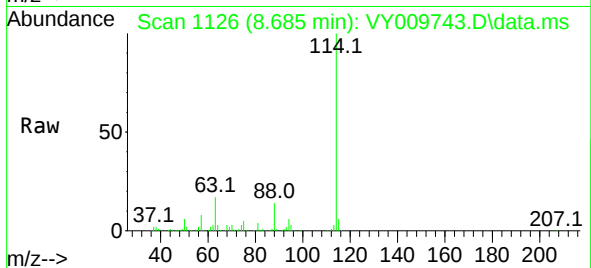
Tgt Ion:114 Resp: 301499

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.014 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009743.D

Acq: 28 Jul 2022 12:07

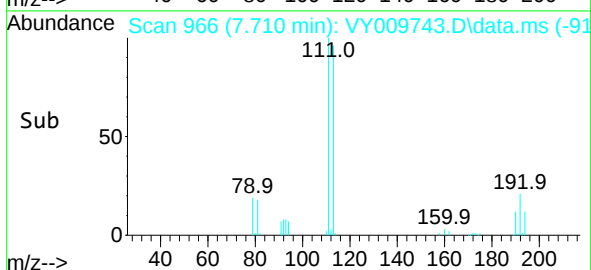
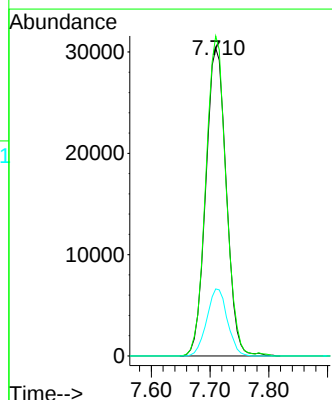
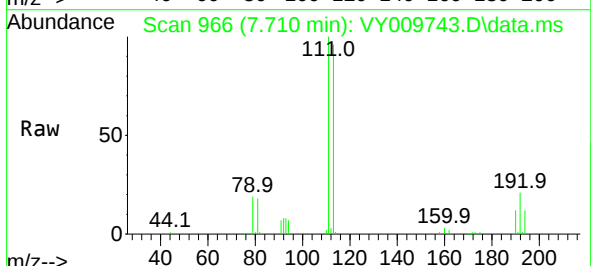
Tgt Ion:113 Resp: 73813

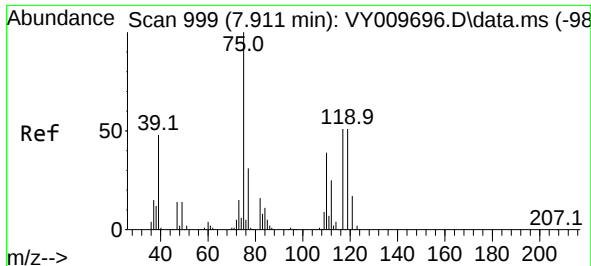
Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

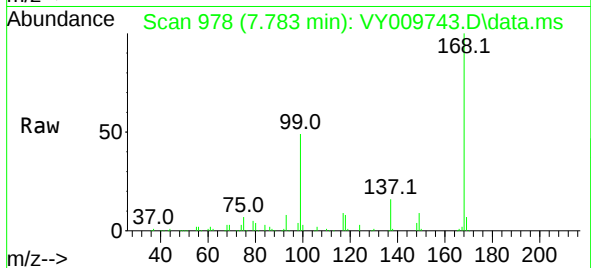
192 21.8 17.6 26.4



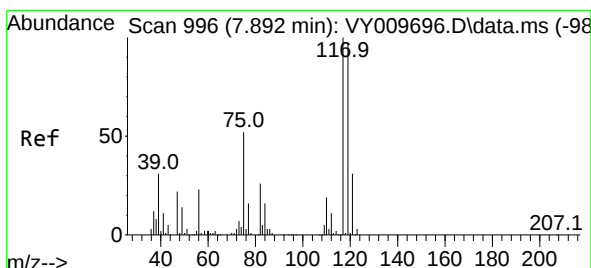
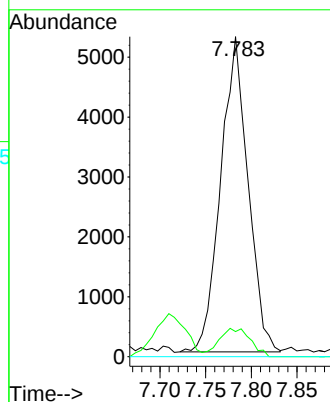
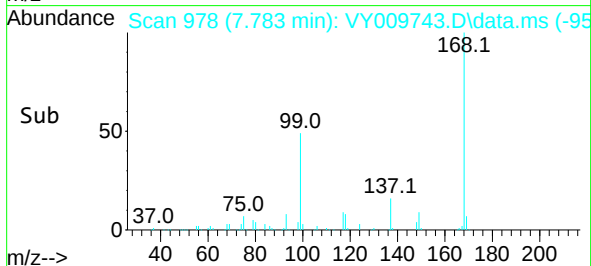


#36
1,1-Dichloropropene
Concen: 4.107 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009743.D
Acq: 28 Jul 2022 12:07

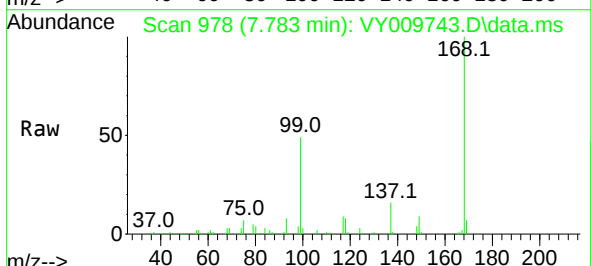
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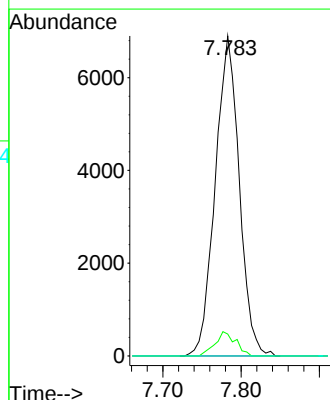
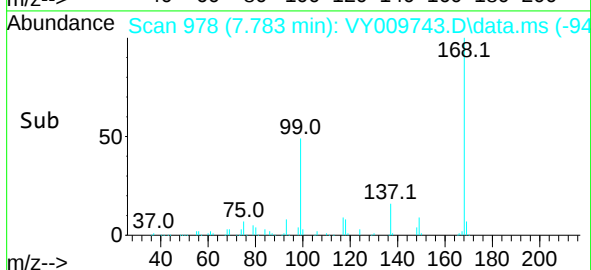
Tgt Ion: 75 Resp: 10957
Ion Ratio Lower Upper
75 100
110 10.3 17.1 51.2#
77 0.0 24.4 36.6#

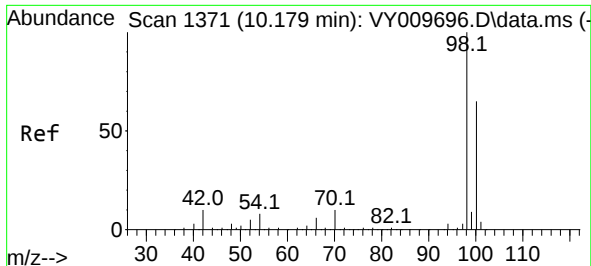


#38
Carbon Tetrachloride
Concen: 5.138 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.109 min
Lab File: VY009743.D
Acq: 28 Jul 2022 12:07



Tgt Ion: 117 Resp: 14689
Ion Ratio Lower Upper
117 100
119 6.8 77.9 116.9#
121 0.0 24.8 37.2#

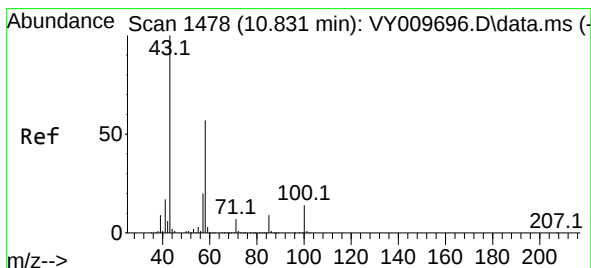
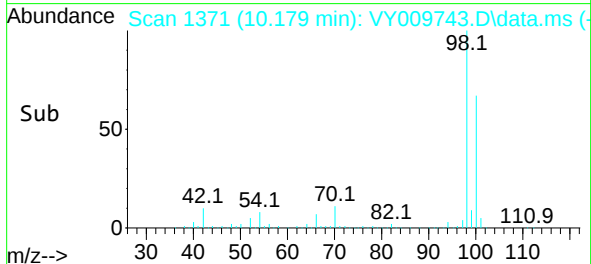
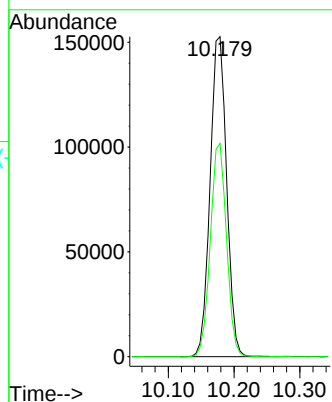
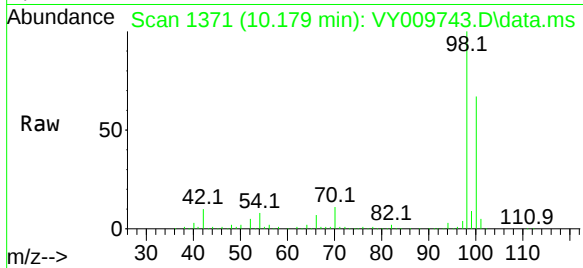




#50
Toluene-d8
Concen: 56.460 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009743.D
Acq: 28 Jul 2022 12:07

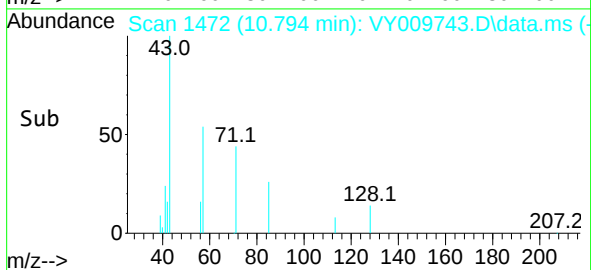
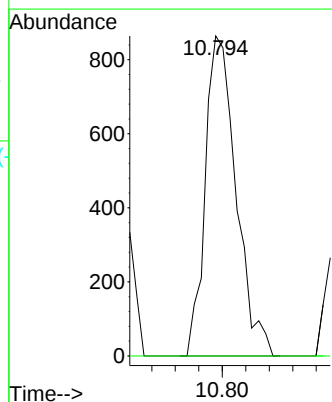
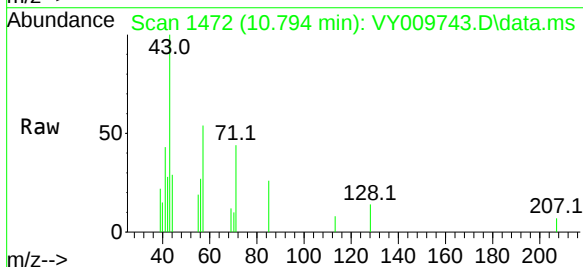
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-07-26-2022

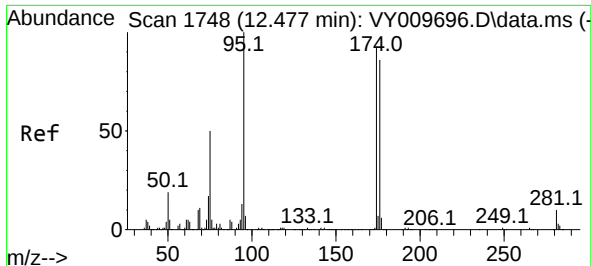
Tgt Ion: 98 Resp: 267015
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#59
2-Hexanone
Concen: 1.568 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.037 min
Lab File: VY009743.D
Acq: 28 Jul 2022 12:07

Tgt Ion: 43 Resp: 1571
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#

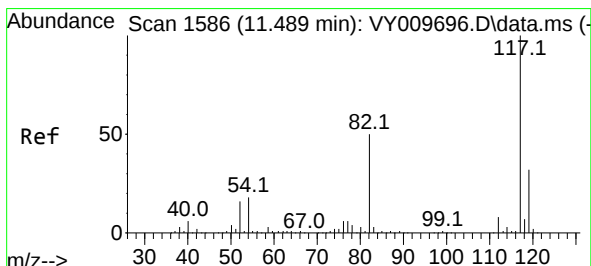
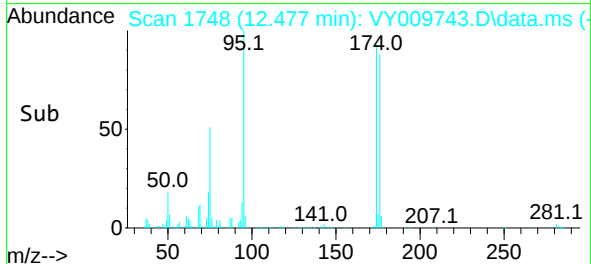
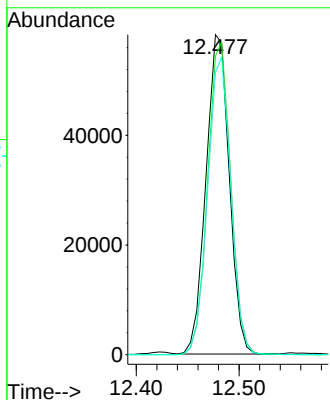
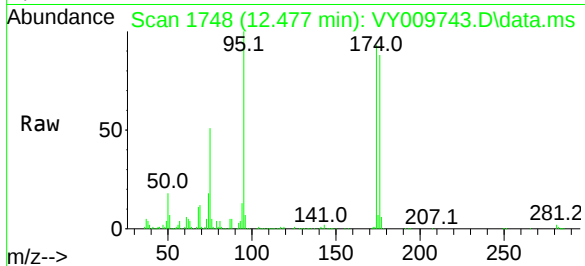




#62
4-Bromofluorobenzene
Concen: 42.189 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009743.D
Acq: 28 Jul 2022 12:07

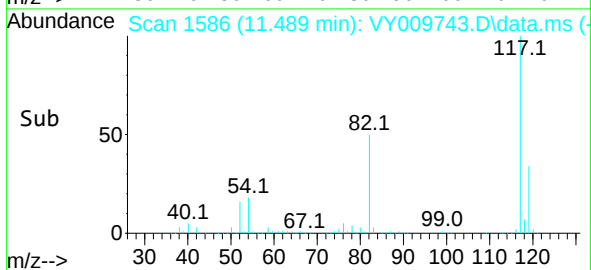
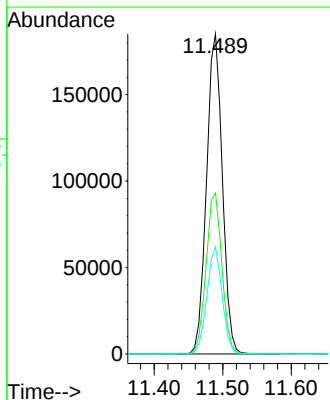
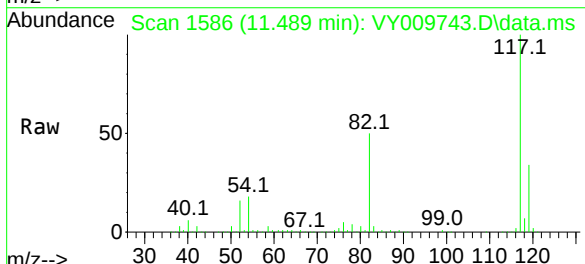
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-07-26-2022

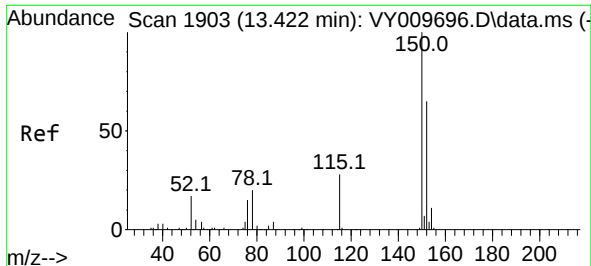
Tgt Ion: 95 Resp: 91731
Ion Ratio Lower Upper
95 100
174 97.1 0.0 177.0
176 93.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009743.D
Acq: 28 Jul 2022 12:07

Tgt Ion: 117 Resp: 297458
Ion Ratio Lower Upper
117 100
82 50.3 43.0 64.4
119 33.5 25.4 38.0

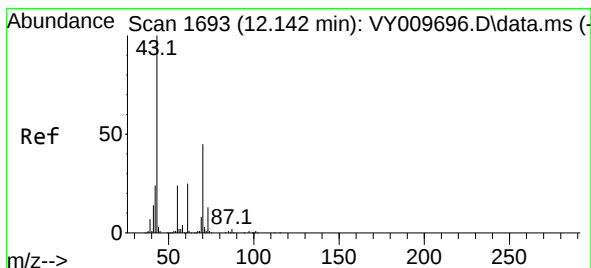
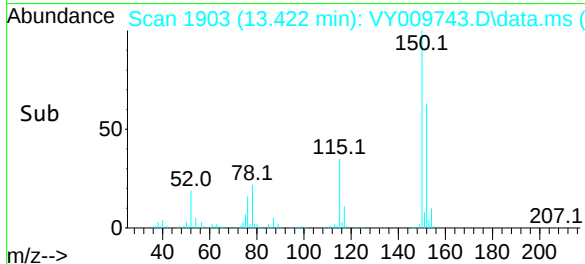
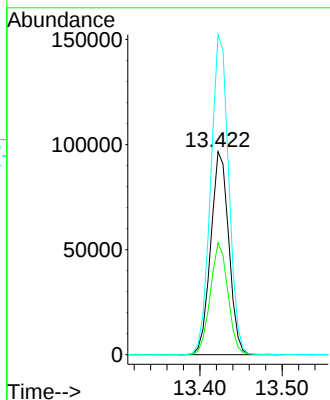
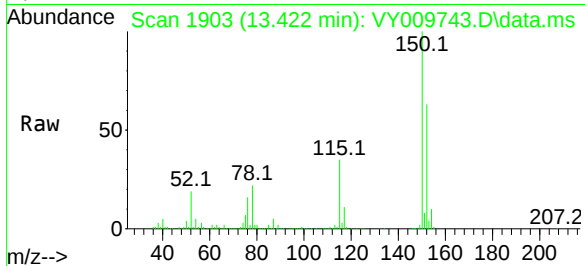




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009743.D
Acq: 28 Jul 2022 12:07

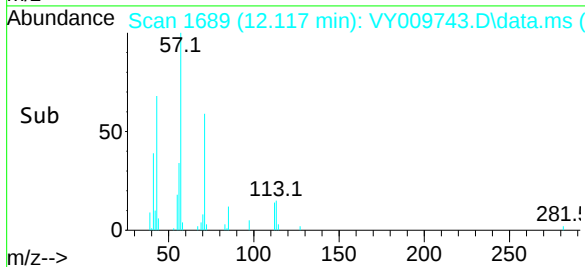
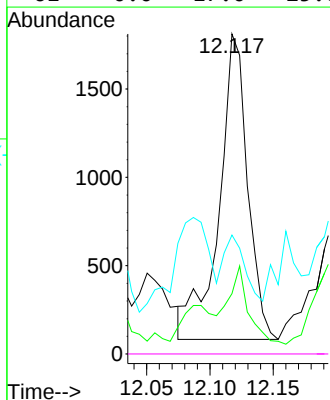
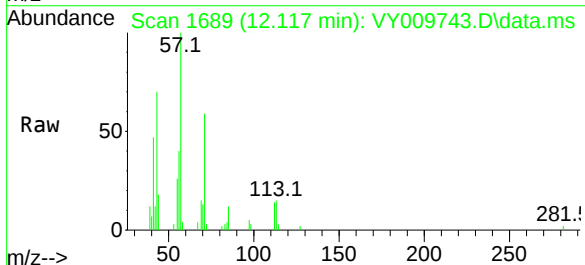
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-07-26-2022

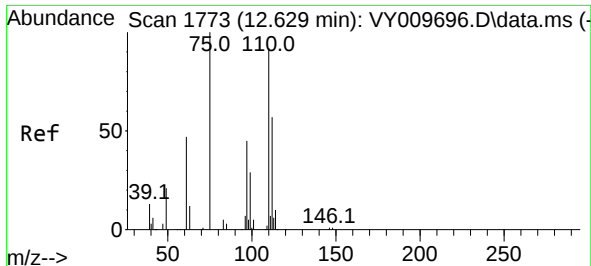
Tgt Ion:152 Resp: 147418
Ion Ratio Lower Upper
152 100
115 54.0 28.2 84.7
150 157.3 0.0 347.6



#74
N-ethyl acetate
Concen: 1.075 ug/l
RT: 12.117 min Scan# 1689
Delta R.T. -0.025 min
Lab File: VY009743.D
Acq: 28 Jul 2022 12:07

Tgt Ion: 43 Resp: 2720
Ion Ratio Lower Upper
43 100
70 18.1 28.7 43.1#
55 15.3 17.3 25.9#
61 0.0 17.0 25.6#

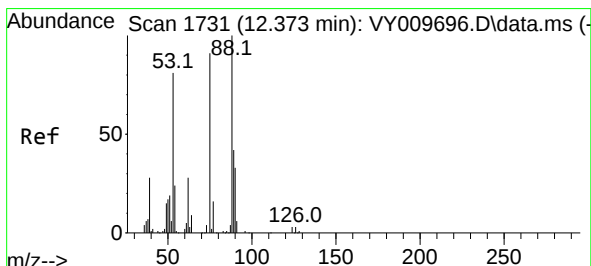
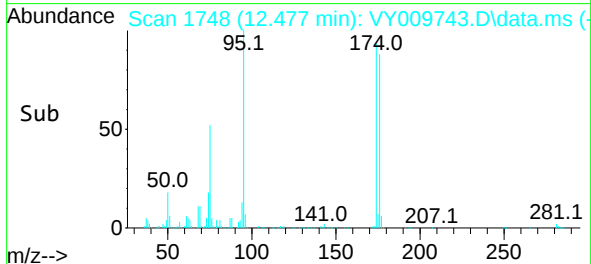
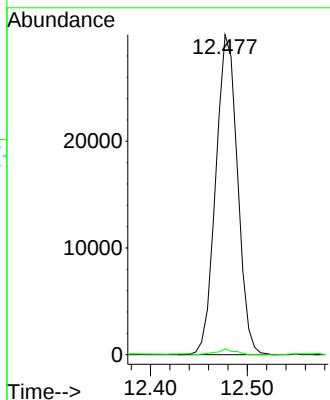
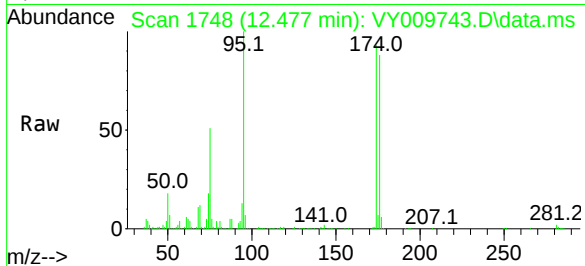




#76
1,2,3-Trichloropropane
Concen: 34.165 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009743.D
Acq: 28 Jul 2022 12:07

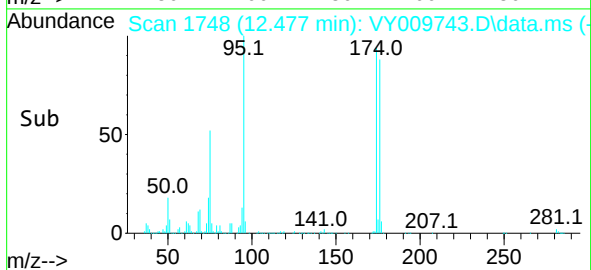
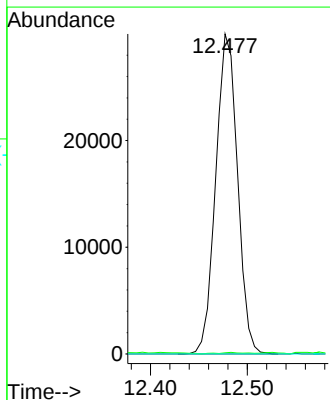
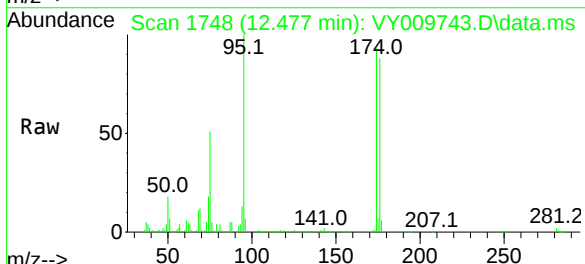
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-07-26-2022

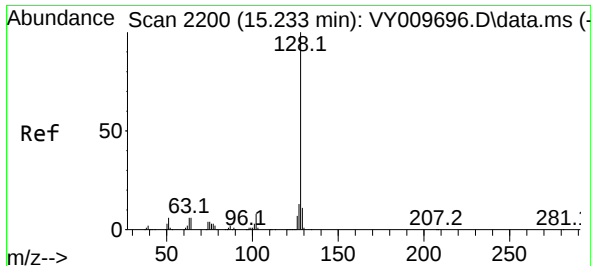
Tgt Ion: 75 Resp: 46782
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.101 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009743.D
Acq: 28 Jul 2022 12:07

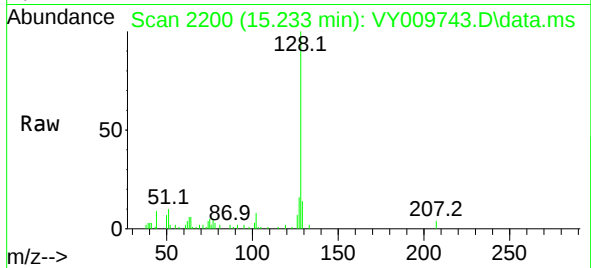
Tgt Ion: 75 Resp: 46782
Ion Ratio Lower Upper
75 100
53 0.6 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 2.045 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY009743.D
Acq: 28 Jul 2022 12:07

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-07-26-2022



Tgt Ion:128 Resp: 10617
Ion Ratio Lower Upper
128 100
127 13.3 11.0 16.4
129 12.3 8.4 12.6

