

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112421\
 Data File : VY006884.D
 Acq On : 24 Nov 2021 18:02
 Operator : SY/MD
 Sample : M4786-02
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 26 09:58:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

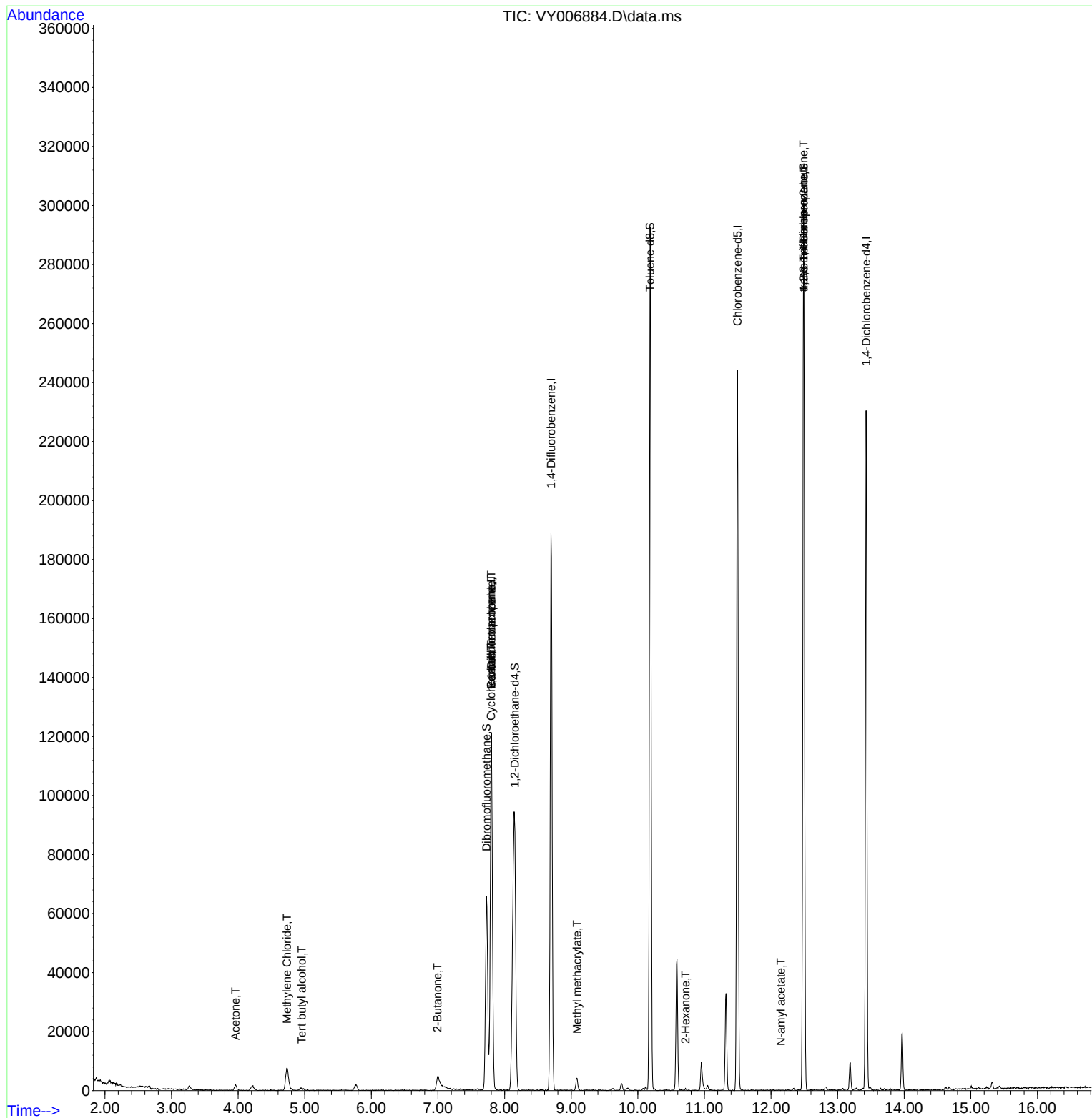
Internal Standards						
1) Pentafluorobenzene	7.801	168	88885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	148004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	131130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	58779	50.456	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.920%			
35) Dibromofluoromethane	7.728	113	42683	46.951	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.900%			
50) Toluene-d8	10.185	98	185919	49.421	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.840%			
62) 4-Bromofluorobenzene	12.489	95	54486	42.962	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 85.920%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	1373	7.837	ug/l #	72
16) Acetone	3.960	43	2954	8.346	ug/l #	84
20) Methylene Chloride	4.734	84	5187	1.593	ug/l	94
25) 2-Butanone	6.990	43	333	12.118	ug/l #	52
31) Cyclohexane	7.795	56	2219	1.084	ug/l #	41
36) 1,1-Dichloropropene	7.801	75	8195	5.094	ug/l #	49
38) Carbon Tetrachloride	7.801	117	8968	5.450	ug/l #	17
48) Methyl methacrylate	9.087	41	1044	1.092	ug/l #	44
59) 2-Hexanone	10.715	43	364	24.238	ug/l #	28
74) N-amyl acetate	12.148	43	24	3.170	ug/l #	47
76) 1,2,3-Trichloropropane	12.489	75	32695	53.315	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	32695	105.641	ug/l #	7

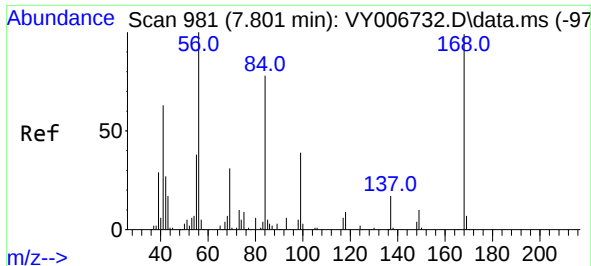
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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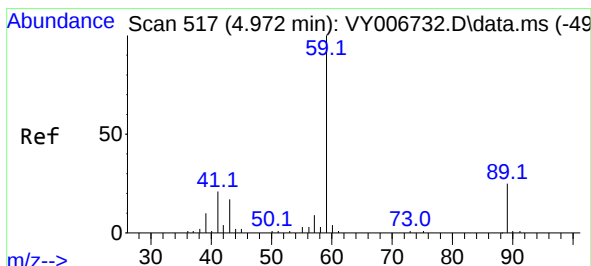
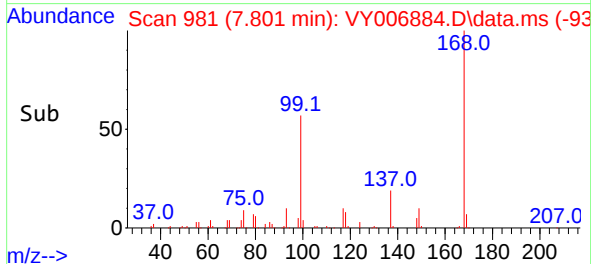
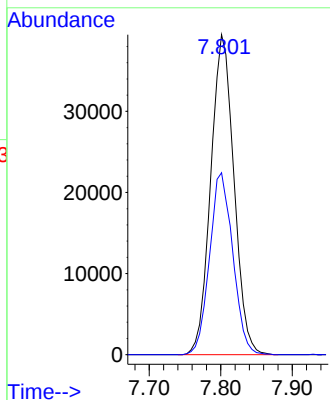
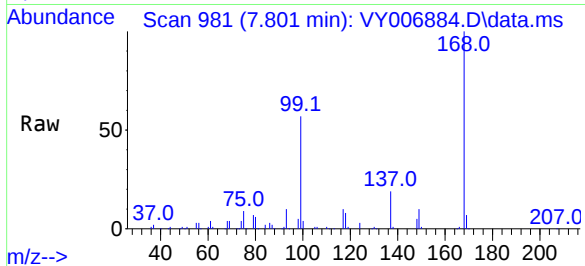




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006884.D
Acq: 24 Nov 2021 18:02

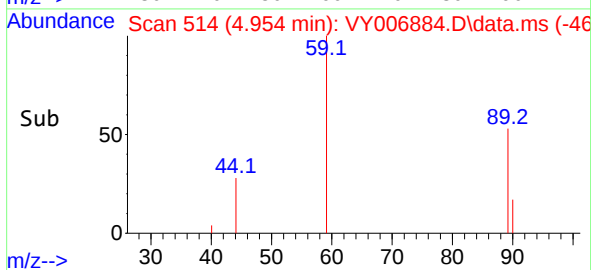
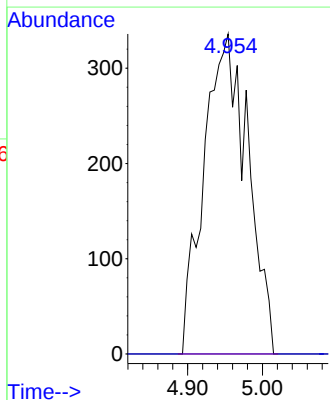
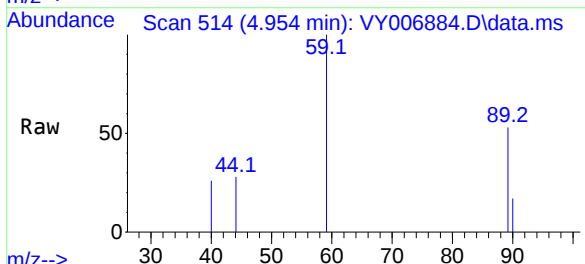
Instrument :
MSVOA_Y
ClientSampleId :

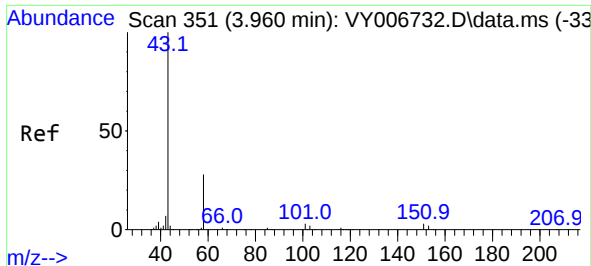
Tgt Ion:168 Resp: 88885
Ion Ratio Lower Upper
168 100
99 56.8 44.8 67.2



#11
Tert butyl alcohol
Concen: 7.837 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY006884.D
Acq: 24 Nov 2021 18:02

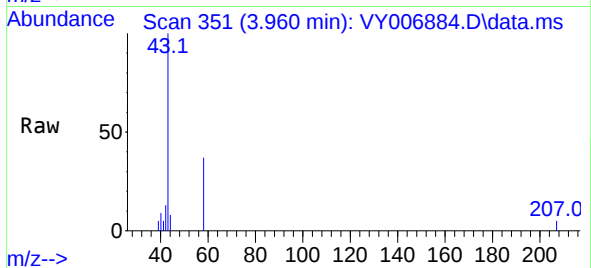
Tgt Ion: 59 Resp: 1373
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



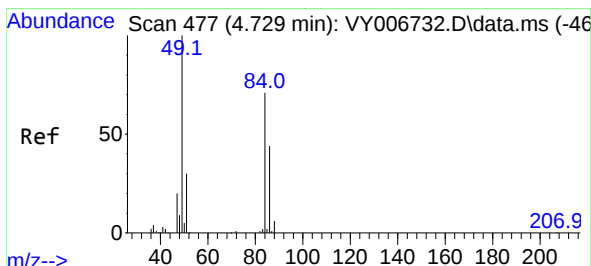
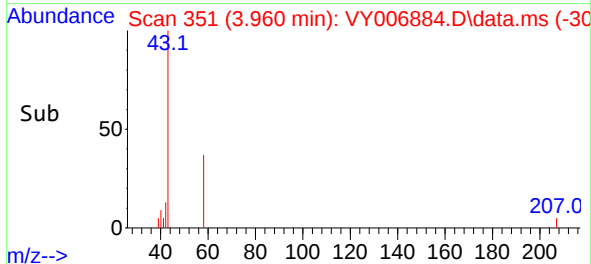
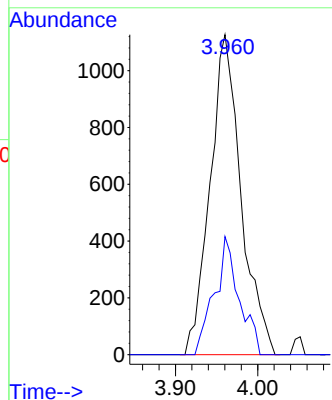


#16
Acetone
Concen: 8.346 ug/l
RT: 3.960 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY006884.D
Acq: 24 Nov 2021 18:02

Instrument :
MSVOA_Y
ClientSampleId :

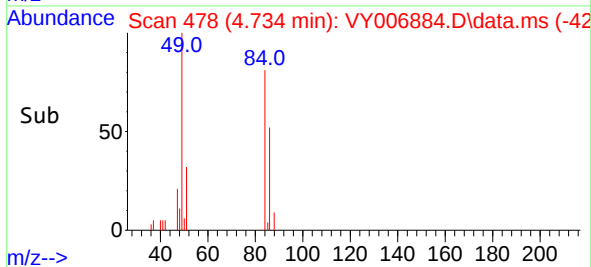
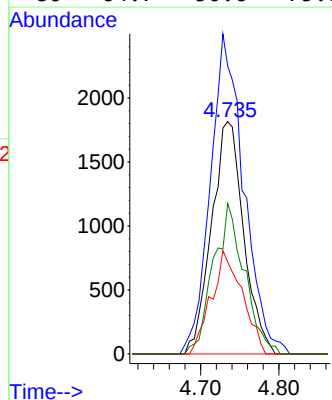
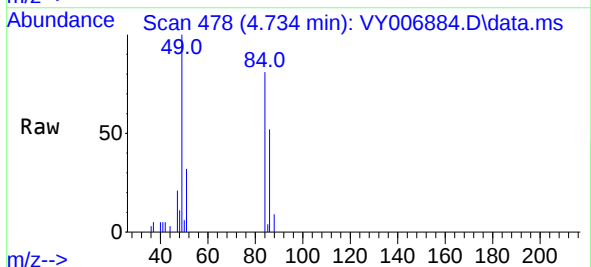


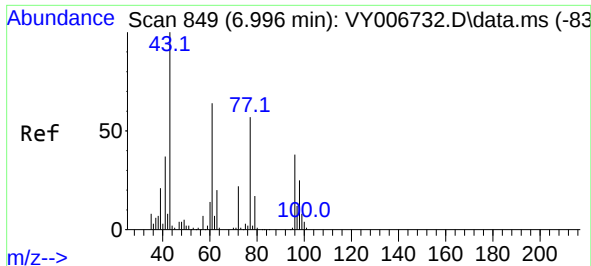
Tgt Ion: 43 Resp: 2954
Ion Ratio Lower Upper
43 100
58 36.9 22.9 34.3#



#20
Methylene Chloride
Concen: 1.593 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY006884.D
Acq: 24 Nov 2021 18:02

Tgt Ion: 84 Resp: 5187
Ion Ratio Lower Upper
84 100
49 123.8 107.8 161.8
51 39.6 32.8 49.2
86 64.7 50.6 75.8





#25

2-Butanone

Concen: 12.118 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.006 min

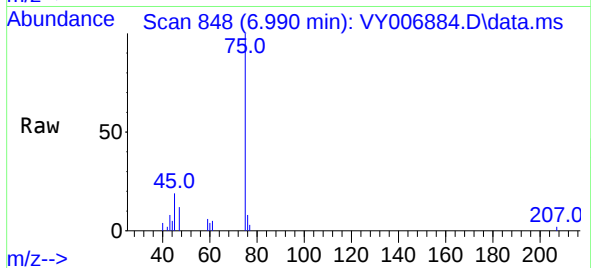
Lab File: VY006884.D

Acq: 24 Nov 2021 18:02

Instrument :

MSVOA_Y

ClientSampleId :

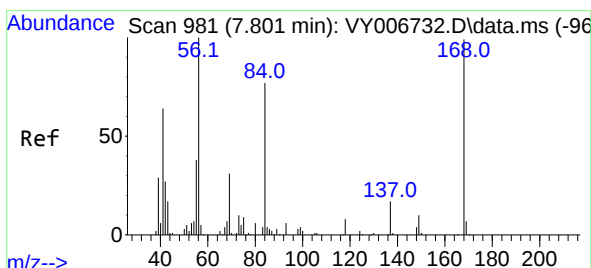
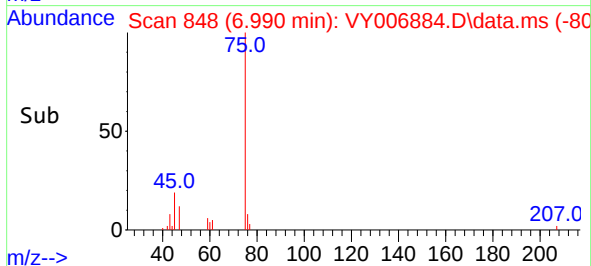
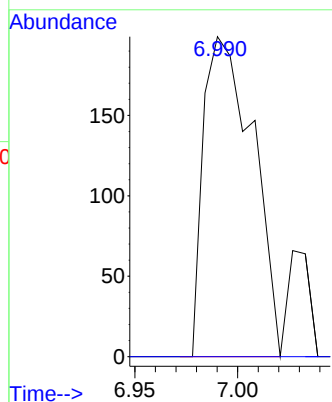


Tgt Ion: 43 Resp: 333

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#



#31

Cyclohexane

Concen: 1.084 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY006884.D

Acq: 24 Nov 2021 18:02

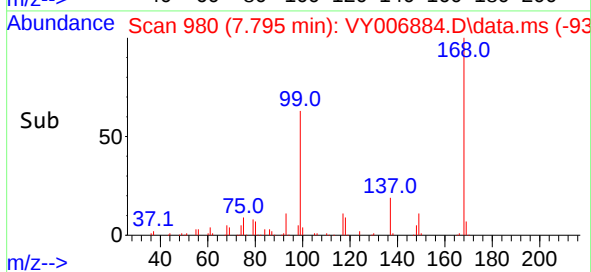
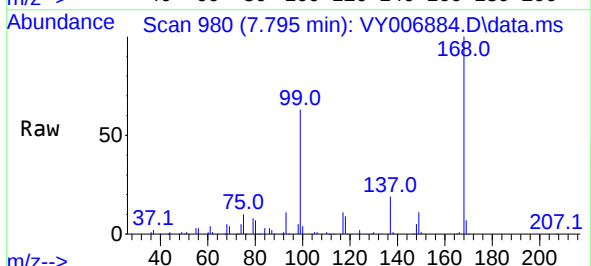
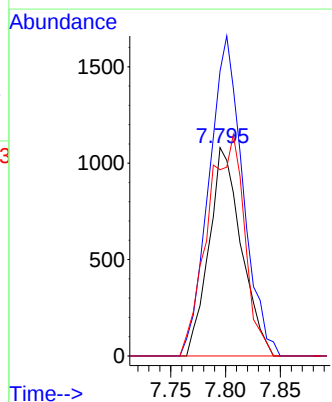
Tgt Ion: 56 Resp: 2219

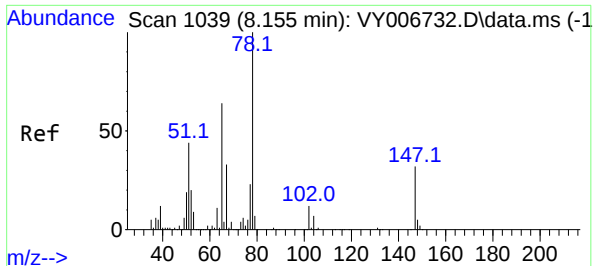
Ion Ratio Lower Upper

56 100

69 136.6 26.6 40.0#

84 89.4 65.0 97.4





#33

1,2-Dichloroethane-d4

Concen: 50.456 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY006884.D

Acq: 24 Nov 2021 18:02

Instrument :

MSVOA_Y

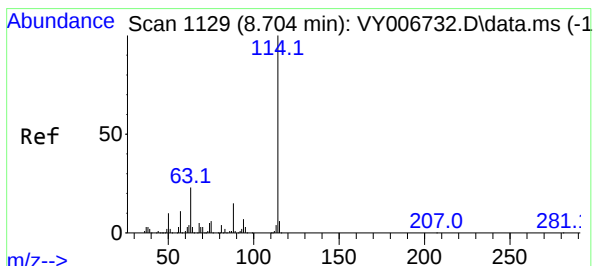
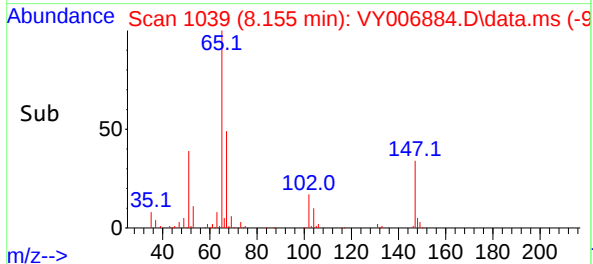
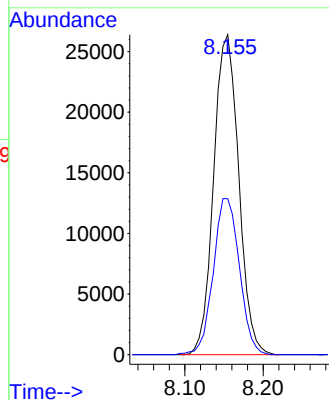
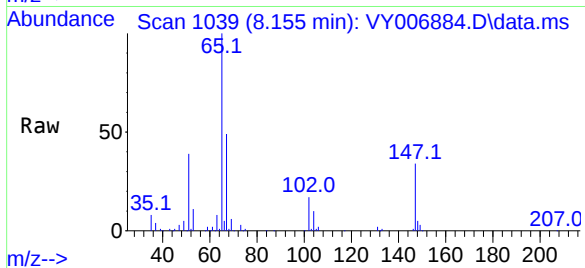
ClientSampleId :

Tgt Ion: 65 Resp: 58779

Ion Ratio Lower Upper

65 100

67 50.9 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006884.D

Acq: 24 Nov 2021 18:02

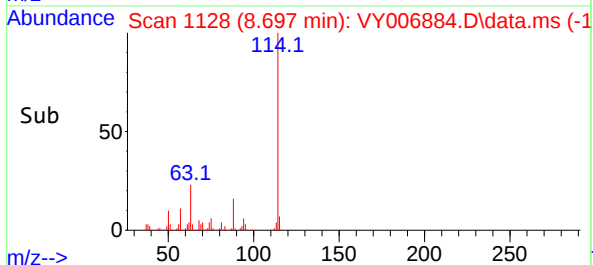
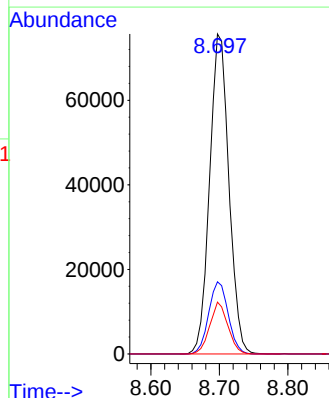
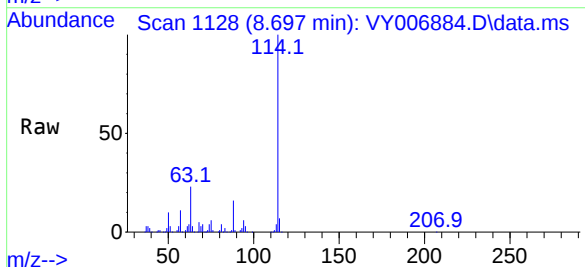
Tgt Ion: 114 Resp: 148004

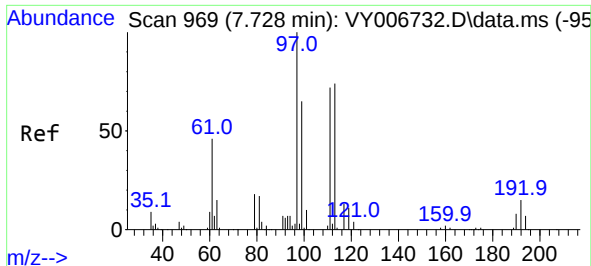
Ion Ratio Lower Upper

114 100

63 22.6 0.0 45.0

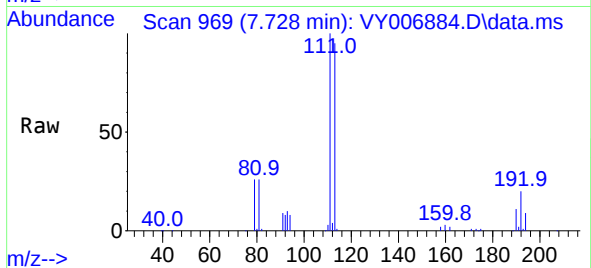
88 16.2 0.0 30.6





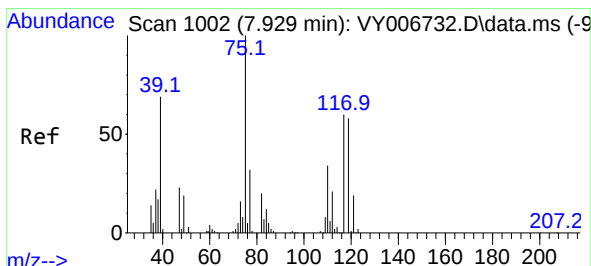
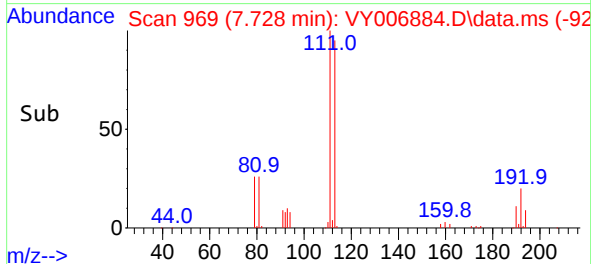
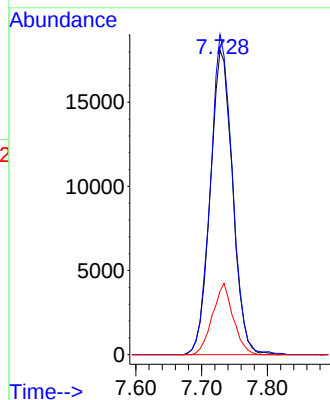
#35
 Dibromofluoromethane
 Concen: 46.951 ug/l
 RT: 7.728 min Scan# 901
 Delta R.T. -0.000 min
 Lab File: VY006884.D
 Acq: 24 Nov 2021 18:02

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 113 Resp: 42683

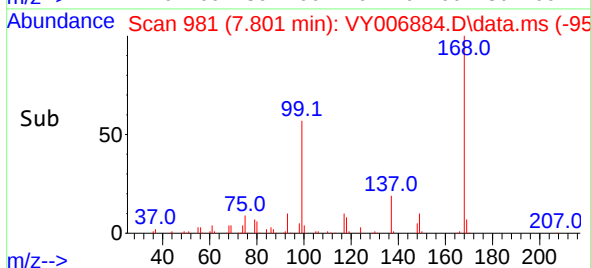
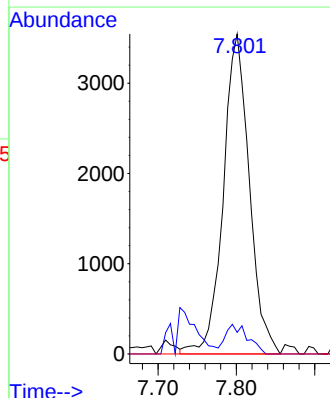
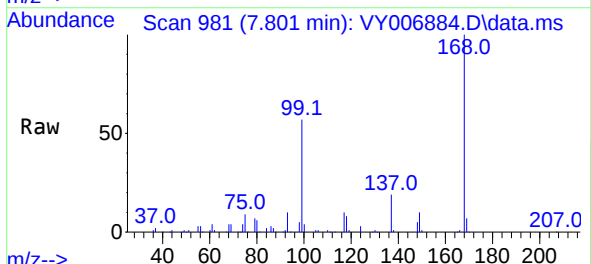
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.3	123.5
192	21.7	17.4	26.2

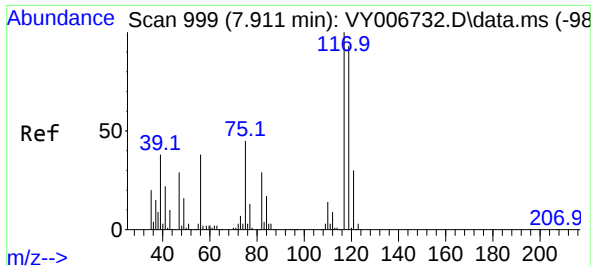


#36
 1,1-Dichloropropene
 Concen: 5.094 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.128 min
 Lab File: VY006884.D
 Acq: 24 Nov 2021 18:02

Tgt Ion: 75 Resp: 8195

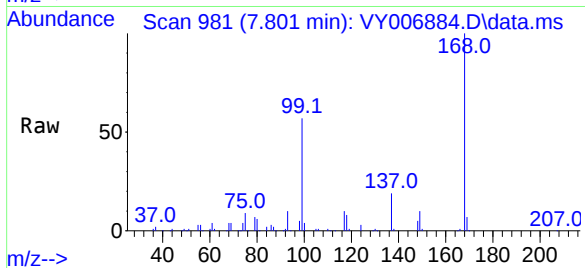
Ion	Ratio	Lower	Upper
75	100		
110	7.9	17.1	51.3#
77	0.0	24.9	37.3#



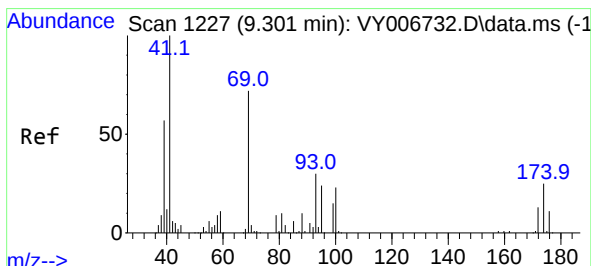
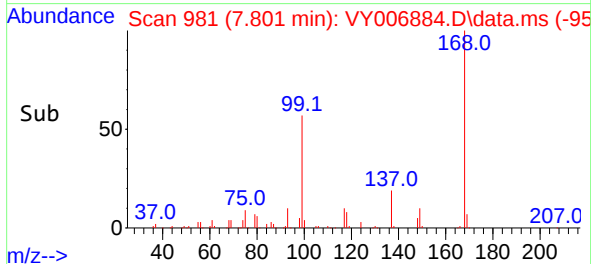
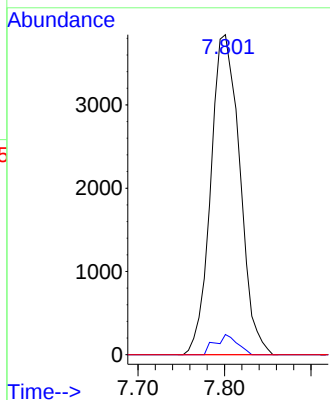


#38
Carbon Tetrachloride
Concen: 5.450 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006884.D
Acq: 24 Nov 2021 18:02

Instrument :
MSVOA_Y
ClientSampleId :

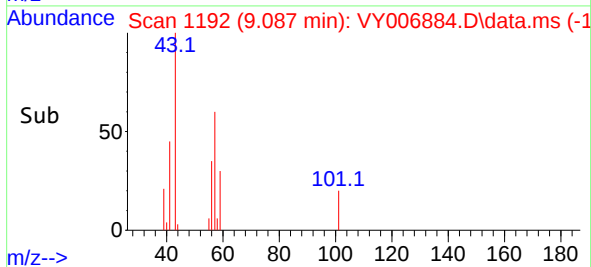
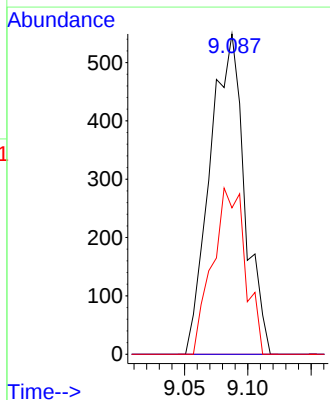
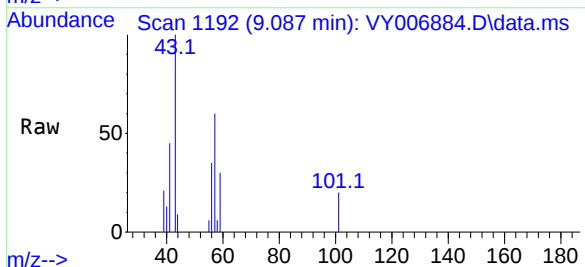


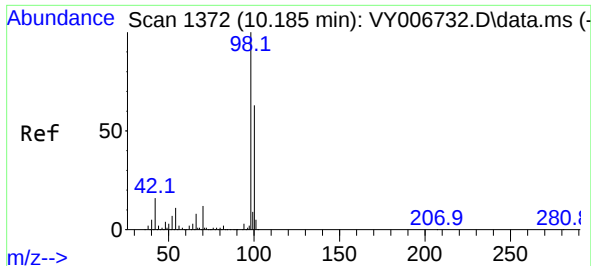
Tgt Ion: 117 Resp: 8968
Ion Ratio Lower Upper
117 100
119 6.3 76.6 115.0#
121 0.0 24.7 37.1#



#48
Methyl methacrylate
Concen: 1.092 ug/l
RT: 9.087 min Scan# 1192
Delta R.T. -0.214 min
Lab File: VY006884.D
Acq: 24 Nov 2021 18:02

Tgt Ion: 41 Resp: 1044
Ion Ratio Lower Upper
41 100
69 0.0 60.4 90.6#
39 49.0 48.2 72.2

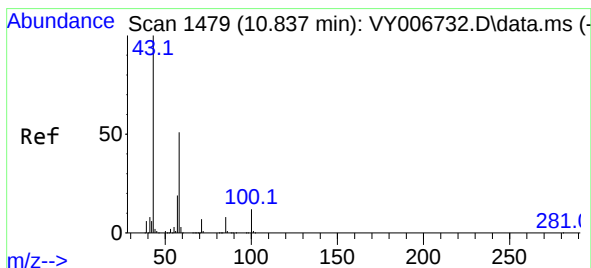
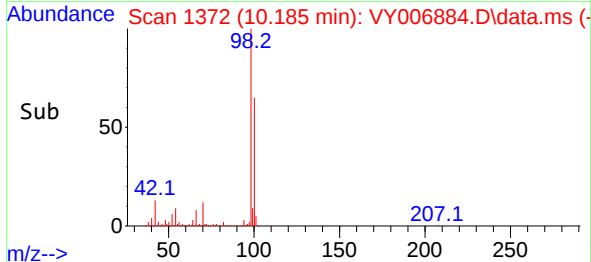
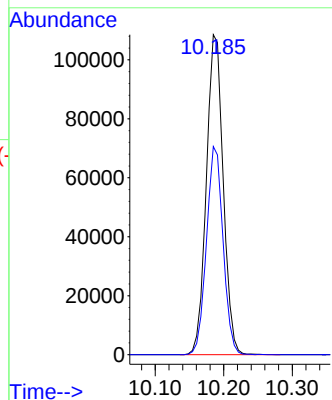
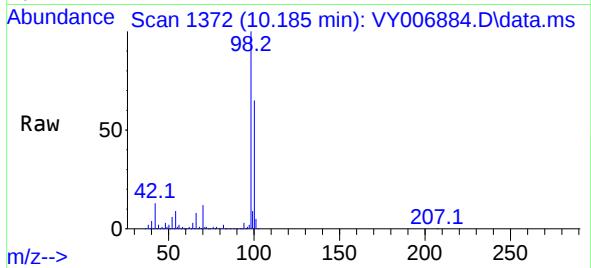




#50
Toluene-d8
Concen: 49.421 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006884.D
Acq: 24 Nov 2021 18:02

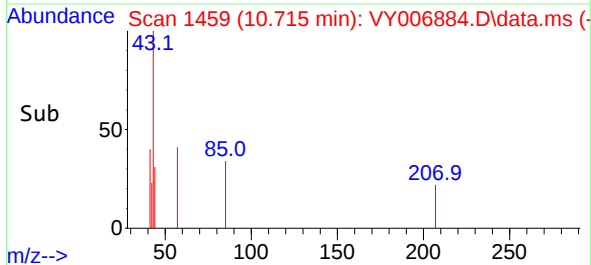
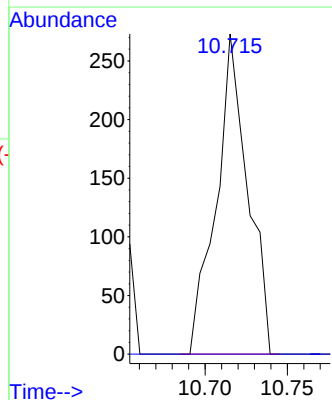
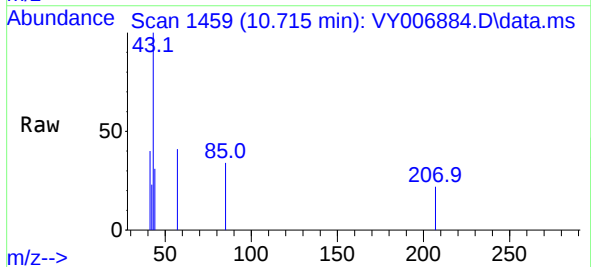
Instrument :
MSVOA_Y
ClientSampleId :

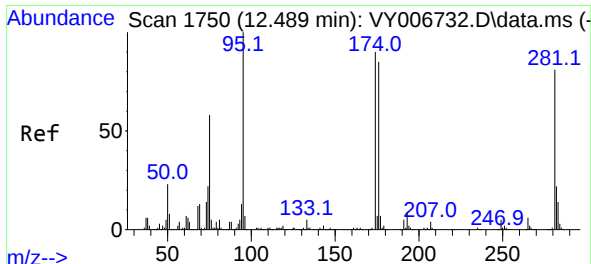
Tgt Ion: 98 Resp: 185919
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#59
2-Hexanone
Concen: 24.238 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.122 min
Lab File: VY006884.D
Acq: 24 Nov 2021 18:02

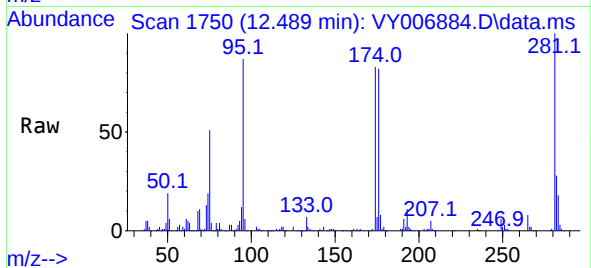
Tgt Ion: 43 Resp: 364
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#



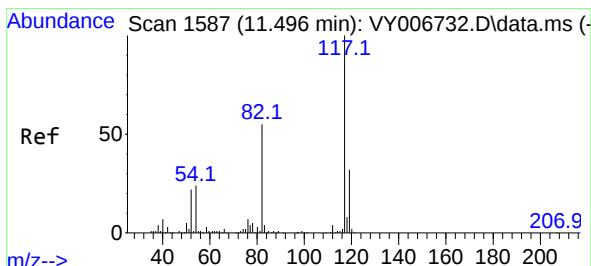
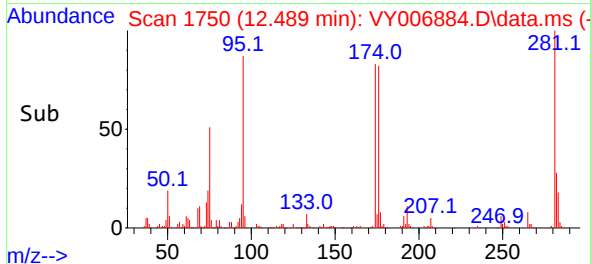
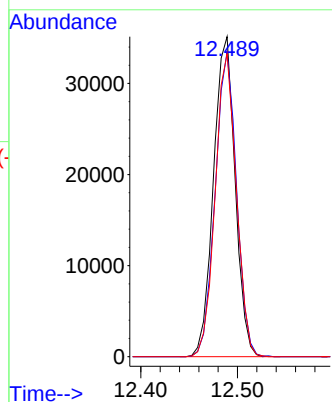


#62
4-Bromofluorobenzene
Concen: 42.962 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY006884.D
Acq: 24 Nov 2021 18:02

Instrument :
MSVOA_Y
ClientSampleId :

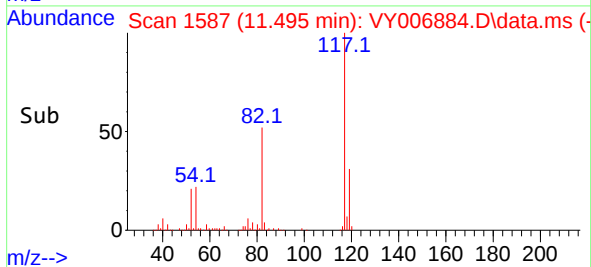
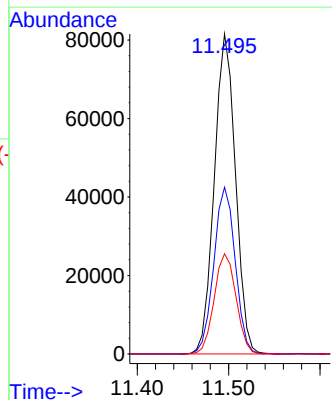
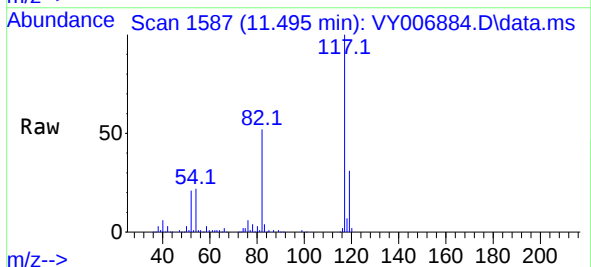


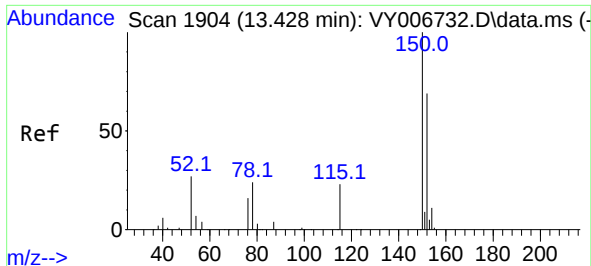
Tgt Ion: 95 Resp: 54486
Ion Ratio Lower Upper
95 100
174 93.8 0.0 177.0
176 92.4 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006884.D
Acq: 24 Nov 2021 18:02

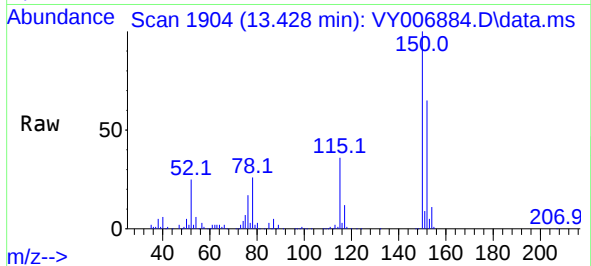
Tgt Ion: 117 Resp: 131130
Ion Ratio Lower Upper
117 100
82 52.1 45.7 68.5
119 31.3 25.5 38.3



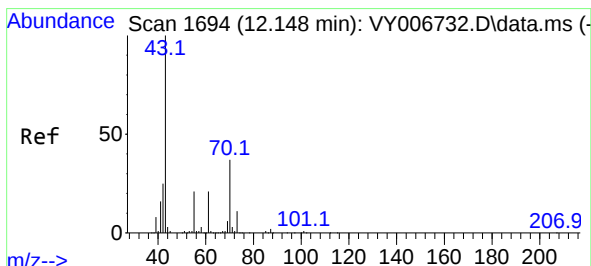
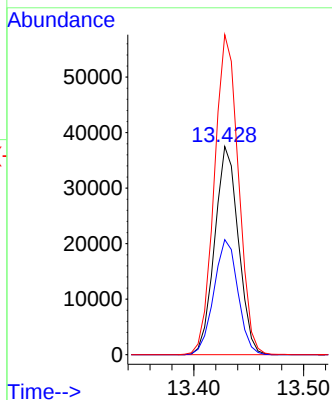
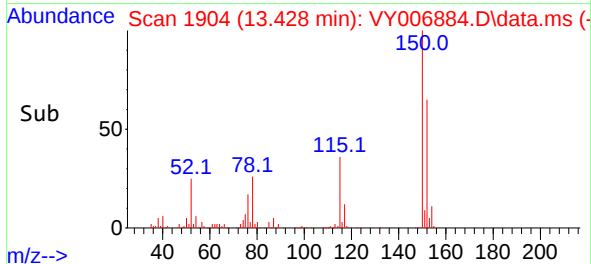


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006884.D
Acq: 24 Nov 2021 18:02

Instrument :
MSVOA_Y
ClientSampleId :

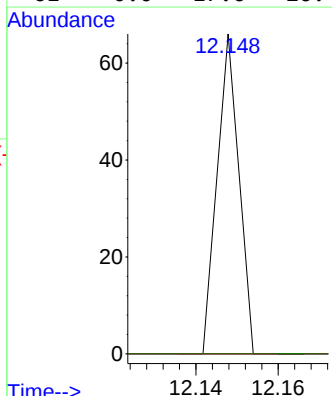
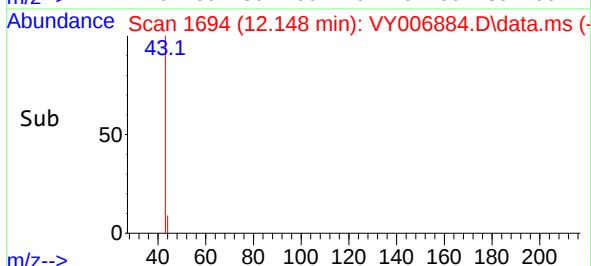
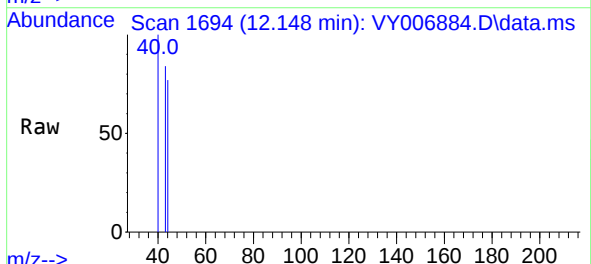


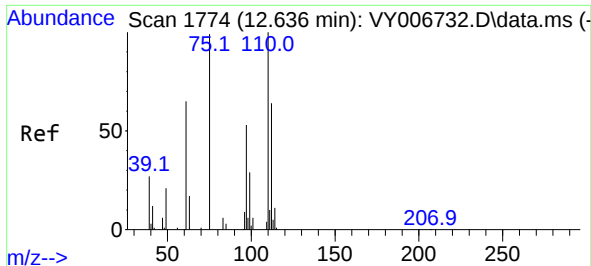
Tgt Ion:152 Resp: 56405
Ion Ratio Lower Upper
152 100
115 56.1 28.5 85.5
150 156.5 0.0 348.2



#74
N-ethyl acetate
Concen: 3.170 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY006884.D
Acq: 24 Nov 2021 18:02

Tgt Ion: 43 Resp: 24
Ion Ratio Lower Upper
43 100
70 0.0 29.4 44.0#
55 0.0 18.1 27.1#
61 0.0 17.6 26.4#

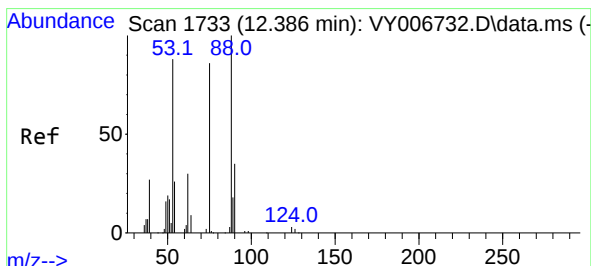
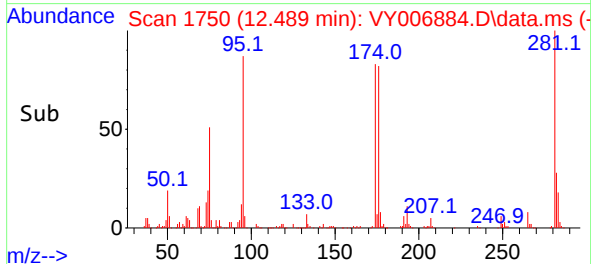
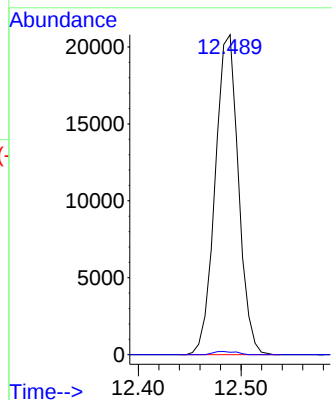
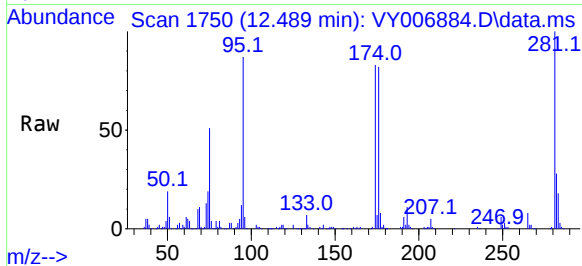




#76
1,2,3-Trichloropropane
Concen: 53.315 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.147 min
Lab File: VY006884.D
Acq: 24 Nov 2021 18:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 32695
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.641 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY006884.D
Acq: 24 Nov 2021 18:02

Tgt Ion: 75 Resp: 32695
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 1.0 39.3 58.9#

