

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
 Data File : VY009790.D
 Acq On : 01 Aug 2022 12:35
 Operator : KP/MD
 Sample : VY0801SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0801SBL01

Quant Time: Aug 02 01:36:58 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)

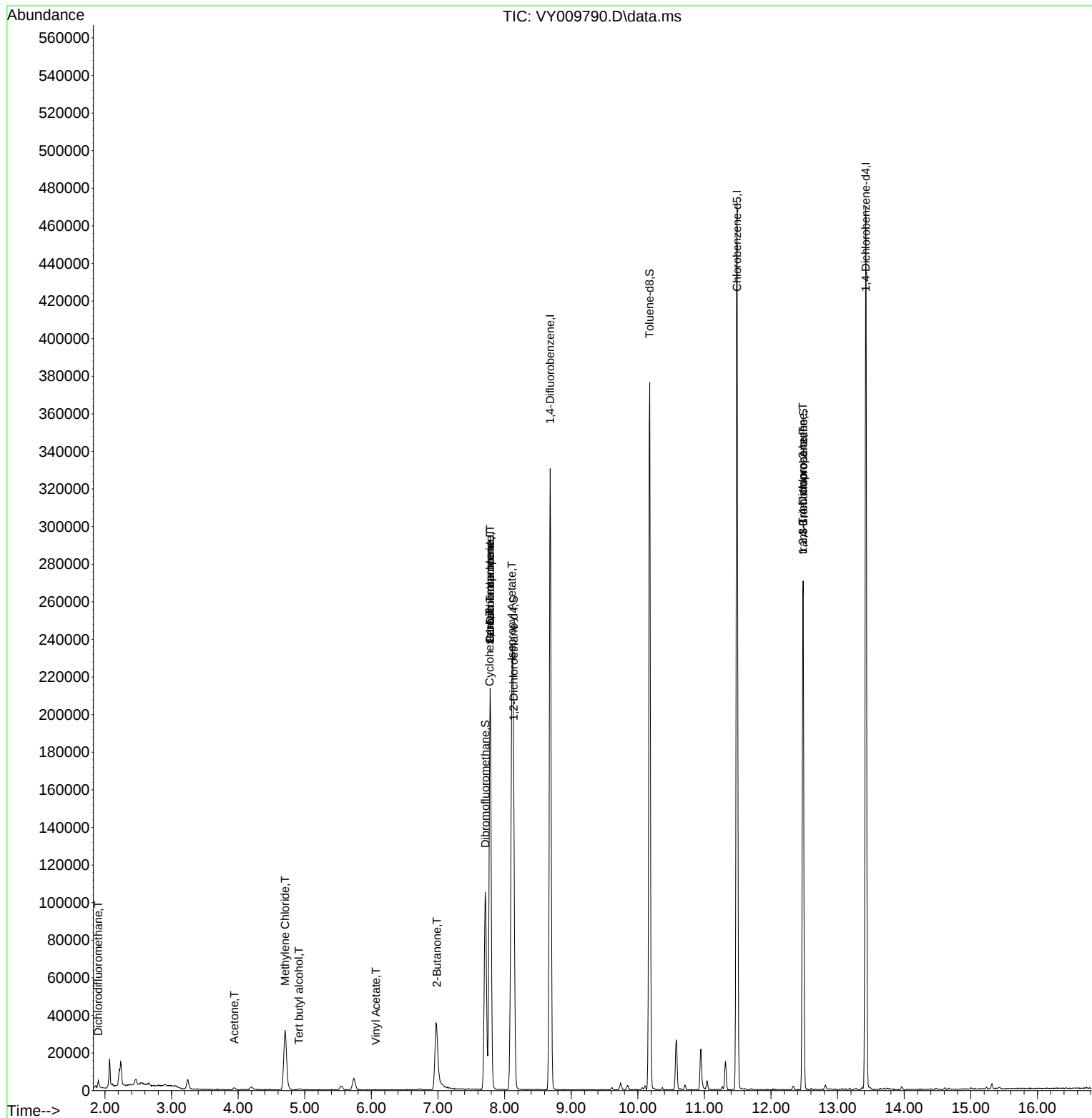
Internal Standards						
1) Pentafluorobenzene	7.783	168	176456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	283485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	264818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124789	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	75870	66.278	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.560%	
35) Dibromofluoromethane	7.710	113	74447	48.286	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.580%	
50) Toluene-d8	10.179	98	244326	54.821	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 109.640%	
62) 4-Bromofluorobenzene	12.483	95	74383	36.384	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 72.760%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	2808	1.787	ug/l	92
11) Tert butyl alcohol	4.911	59	499	2.067	ug/l #	77
16) Acetone	3.942	43	1703	4.037	ug/l	97
18) Methyl Acetate	4.472	43	393	Below Cal	#	56
20) Methylene Chloride	4.704	84	23475	2.366	ug/l	89
23) Vinyl Acetate	6.070	43	20	7.479	ug/l #	75
25) 2-Butanone	6.984	43	2041	3.279	ug/l	94
31) Cyclohexane	7.777	56	3209	1.143	ug/l #	3
36) 1,1-Dichloropropene	7.783	75	11866	4.730	ug/l #	50
38) Carbon Tetrachloride	7.783	117	15580	5.796	ug/l #	16
43) Isopropyl Acetate	8.106	43	4590	1.767	ug/l #	2
76) 1,2,3-Trichloropropane	12.477	75	38461	33.182	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	38461	66.140	ug/l #	7

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

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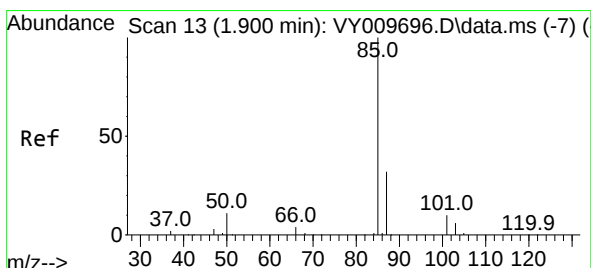
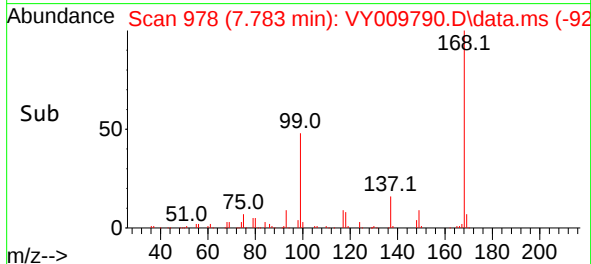
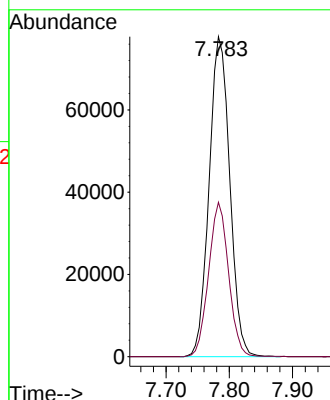
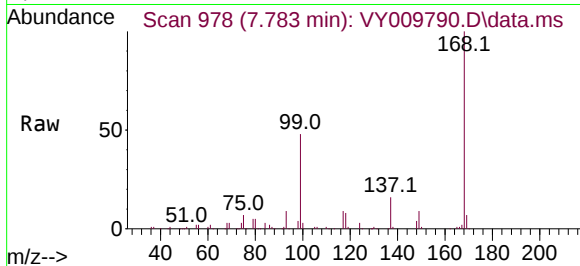




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009790.D
Acq: 01 Aug 2022 12:35

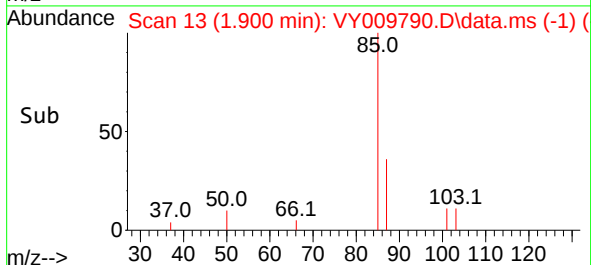
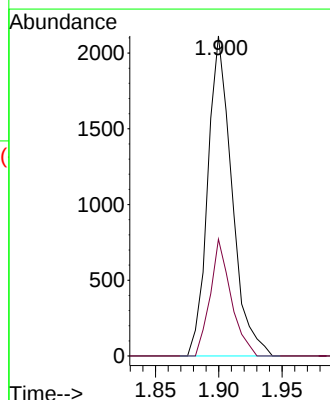
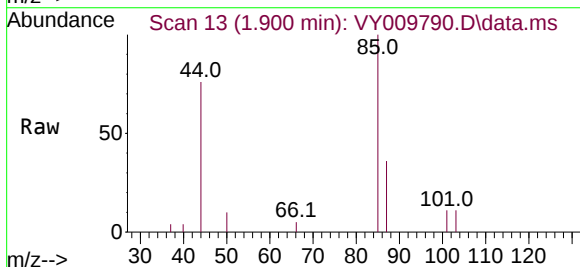
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBL01

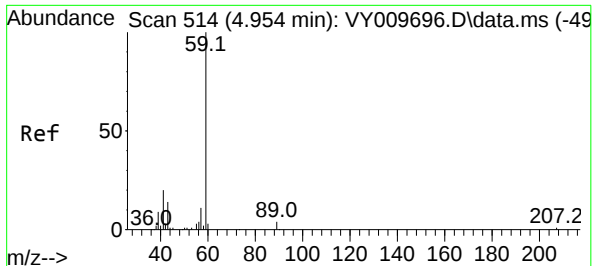
Tgt Ion:168 Resp: 176456
Ion Ratio Lower Upper
168 100
99 48.3 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.787 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009790.D
Acq: 01 Aug 2022 12:35

Tgt Ion: 85 Resp: 2808
Ion Ratio Lower Upper
85 100
87 36.5 16.1 48.2





#11

Tert butyl alcohol

Concen: 2.067 ug/l

RT: 4.911 min Scan# 50

Delta R.T. -0.043 min

Lab File: VY009790.D

Acq: 01 Aug 2022 12:35

Instrument :

MSVOA_Y

ClientSampleId :

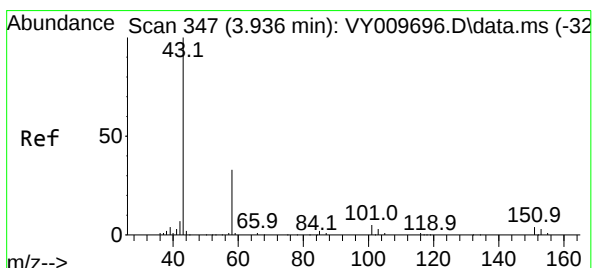
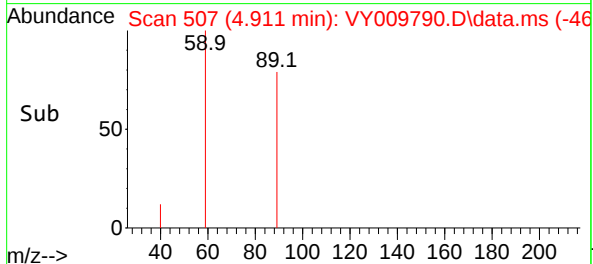
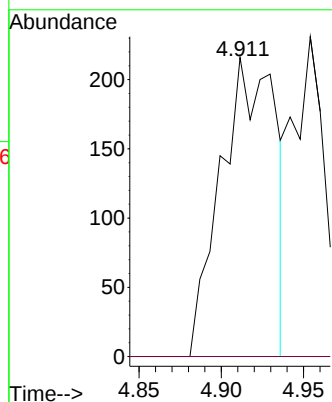
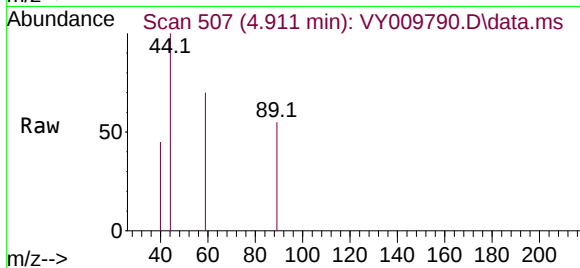
VY0801SBL01

Tgt Ion: 59 Resp: 499

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 4.037 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY009790.D

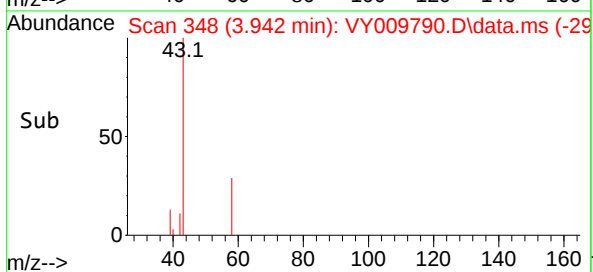
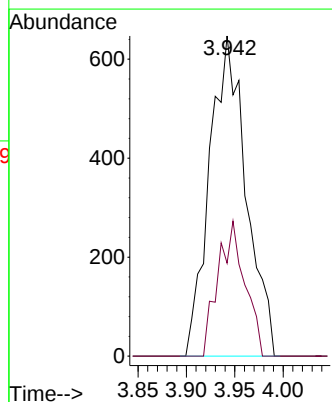
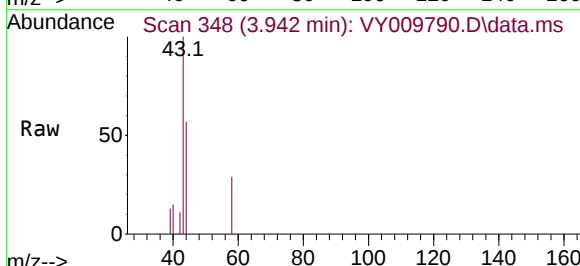
Acq: 01 Aug 2022 12:35

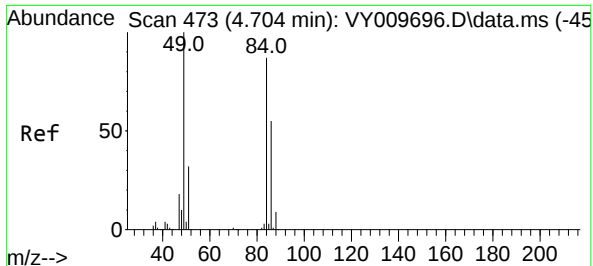
Tgt Ion: 43 Resp: 1703

Ion Ratio Lower Upper

43 100

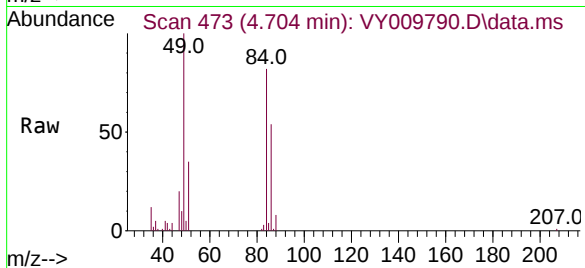
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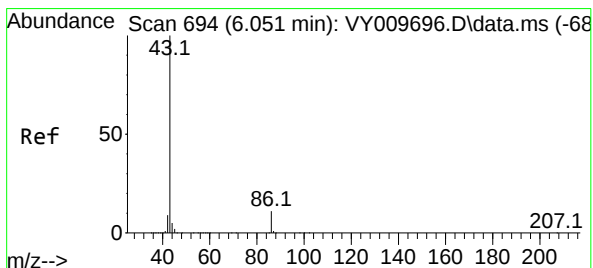
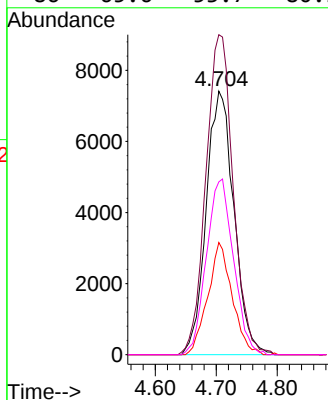
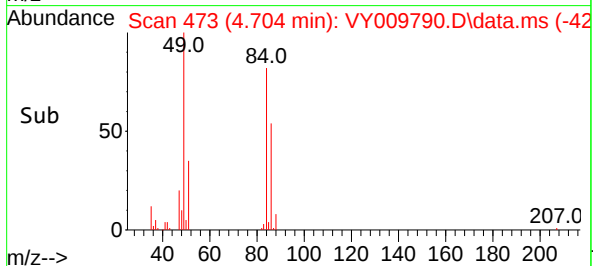


#20
Methylene Chloride
Concen: 2.366 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009790.D
Acq: 01 Aug 2022 12:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBL01

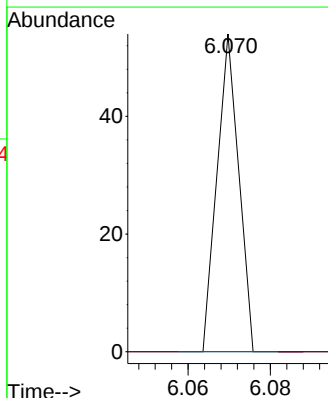
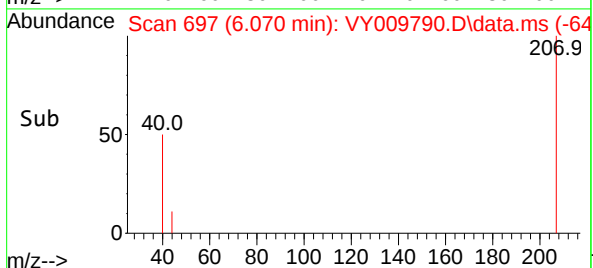
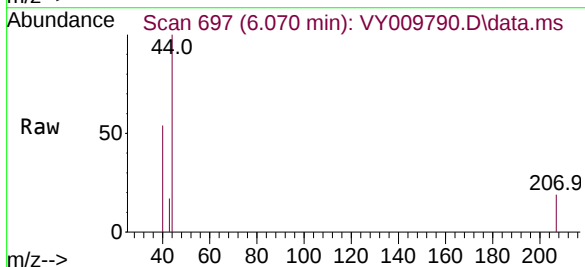


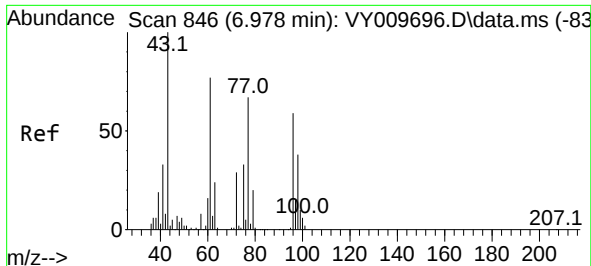
Tgt Ion:	84	Resp:	23475
Ion	Ratio	Lower	Upper
84	100		
49	121.4	114.4	171.6
51	42.6	35.3	52.9
86	65.6	53.7	80.5



#23
Vinyl Acetate
Concen: 7.479 ug/l
RT: 6.070 min Scan# 697
Delta R.T. 0.019 min
Lab File: VY009790.D
Acq: 01 Aug 2022 12:35

Tgt Ion:	43	Resp:	20
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.1	10.7#

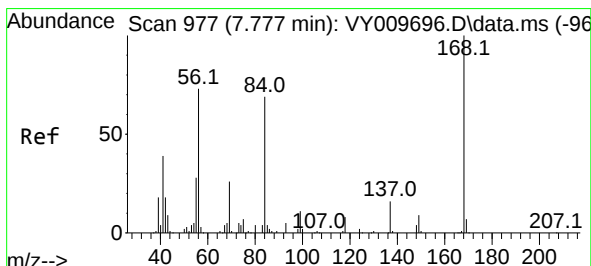
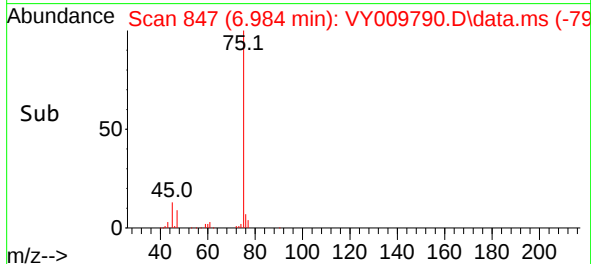
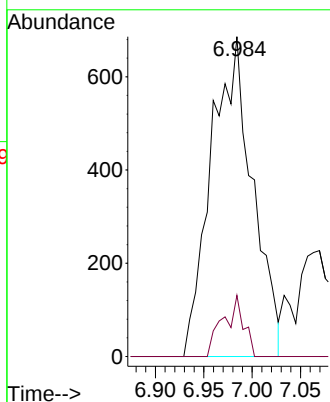
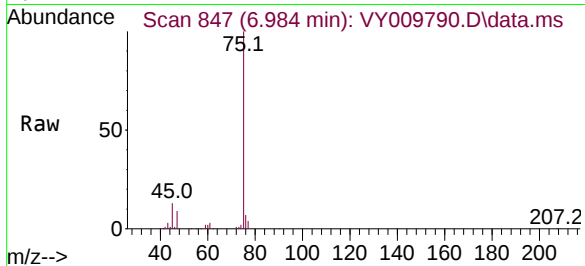




#25
2-Butanone
Concen: 3.279 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY009790.D
Acq: 01 Aug 2022 12:35

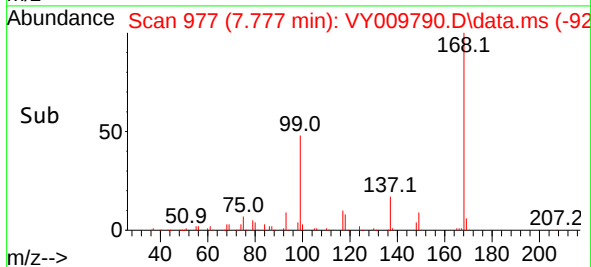
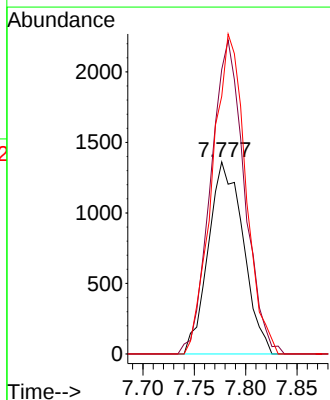
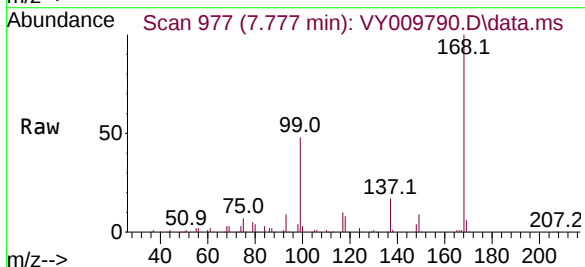
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBL01

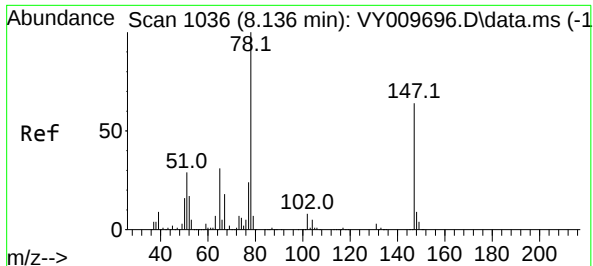
Tgt Ion: 43 Resp: 2041
Ion Ratio Lower Upper
43 100
72 19.1 17.7 26.5



#31
Cyclohexane
Concen: 1.143 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY009790.D
Acq: 01 Aug 2022 12:35

Tgt Ion: 56 Resp: 3209
Ion Ratio Lower Upper
56 100
69 148.2 26.7 40.1#
84 134.2 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 66.278 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009790.D

Acq: 01 Aug 2022 12:35

Instrument :

MSVOA_Y

ClientSampleId :

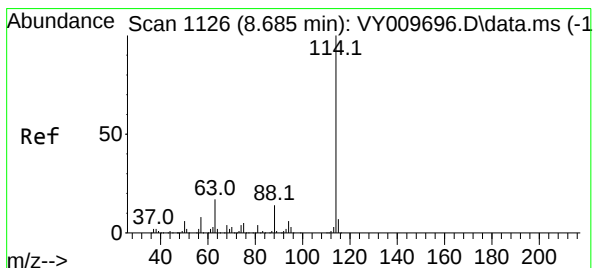
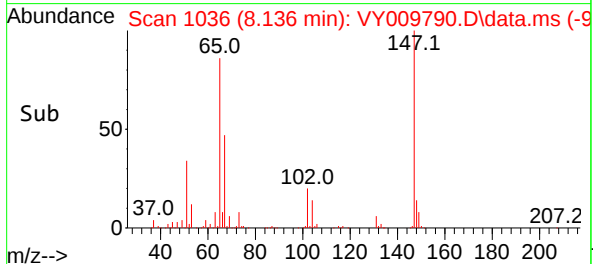
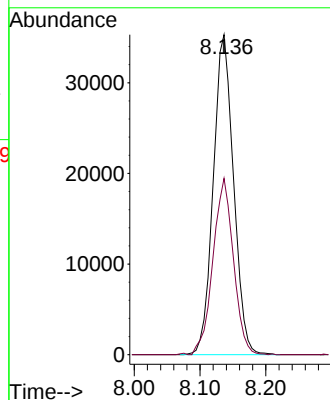
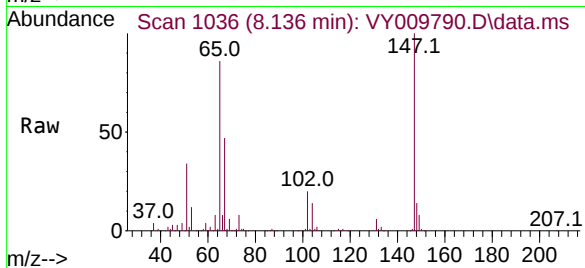
VY0801SBL01

Tgt Ion: 65 Resp: 75870

Ion Ratio Lower Upper

65 100

67 55.7 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: VY009790.D

Acq: 01 Aug 2022 12:35

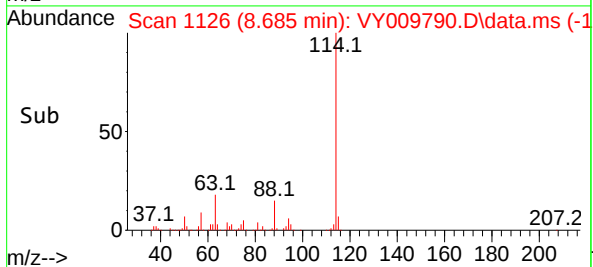
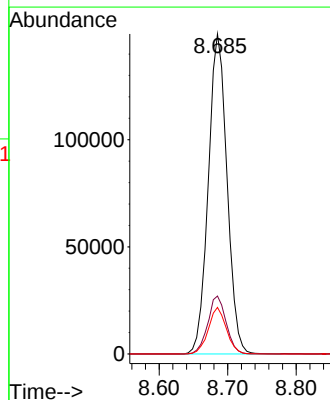
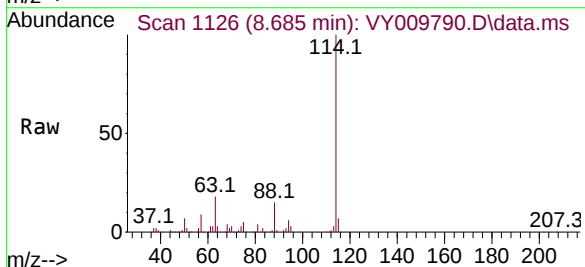
Tgt Ion: 114 Resp: 283485

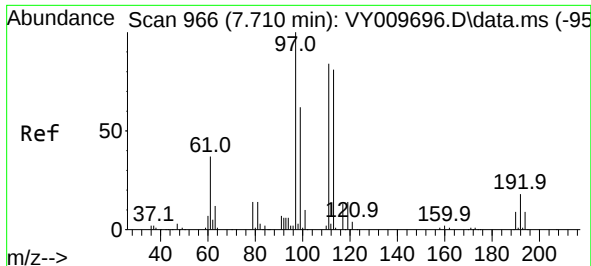
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 14.6 0.0 31.8

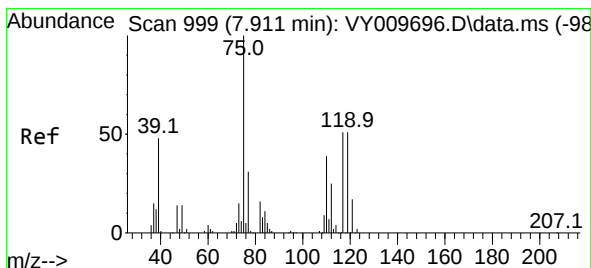
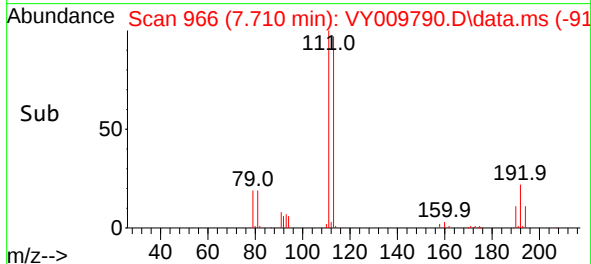
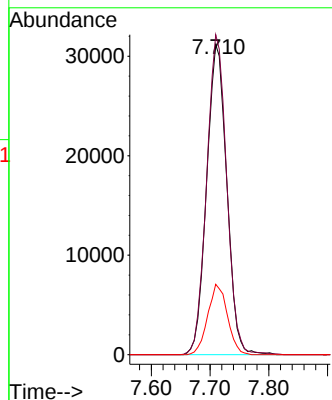
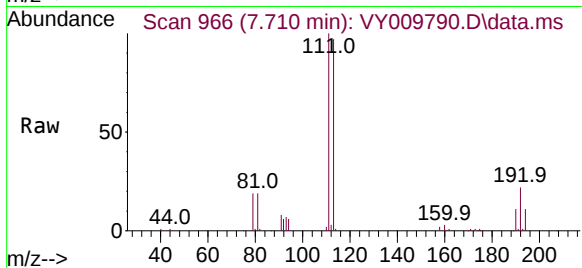




#35
Dibromofluoromethane
Concen: 48.286 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009790.D
Acq: 01 Aug 2022 12:35

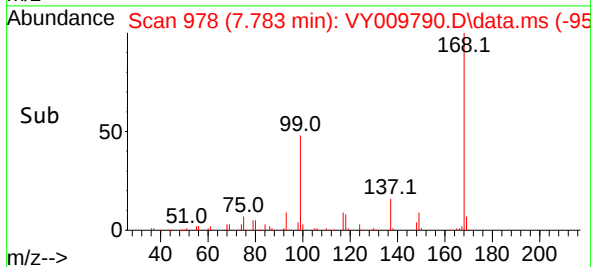
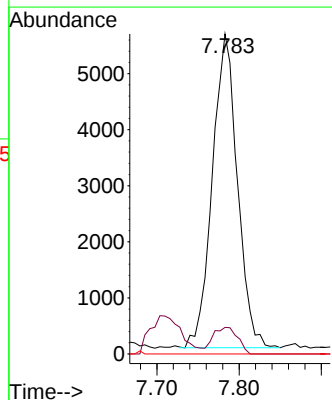
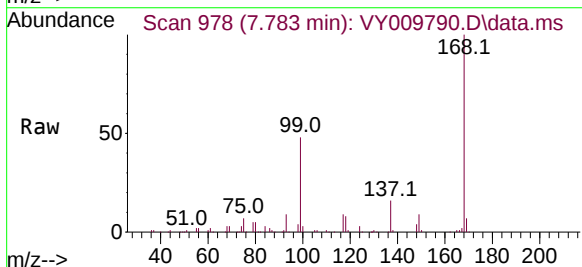
Instrument :
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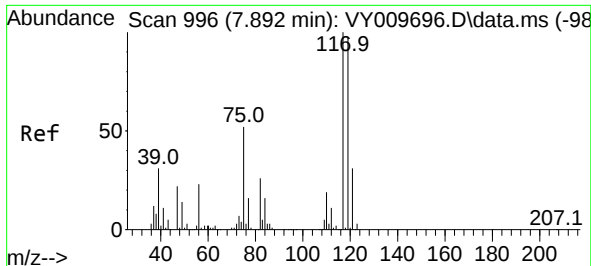
Tgt Ion:113 Resp: 74447
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 22.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.730 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009790.D
Acq: 01 Aug 2022 12:35

Tgt Ion: 75 Resp: 11866
Ion Ratio Lower Upper
75 100
110 8.2 17.1 51.2#
77 0.0 24.4 36.6#

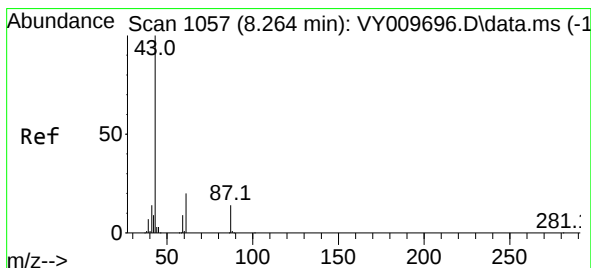
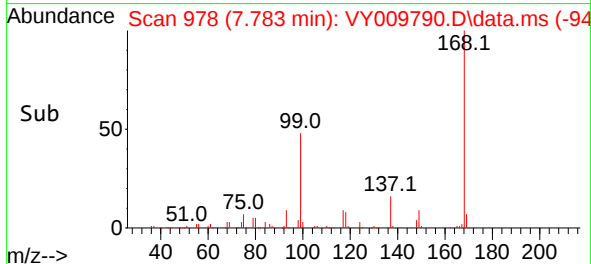
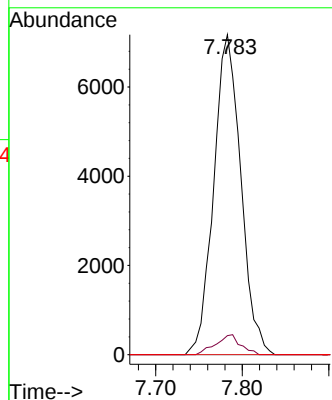
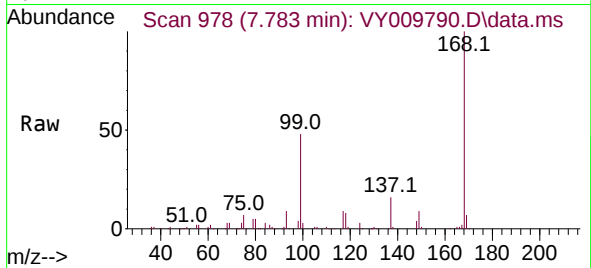




#38
Carbon Tetrachloride
Concen: 5.796 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009790.D
Acq: 01 Aug 2022 12:35

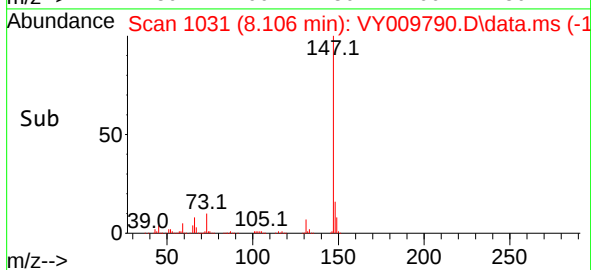
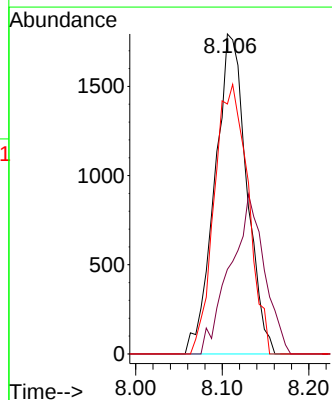
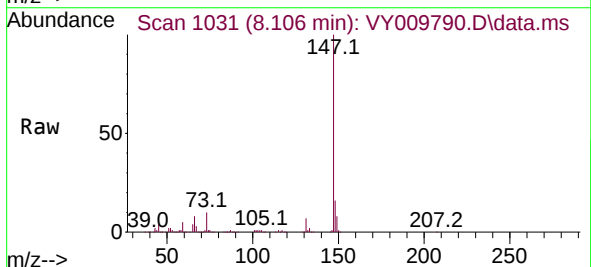
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBL01

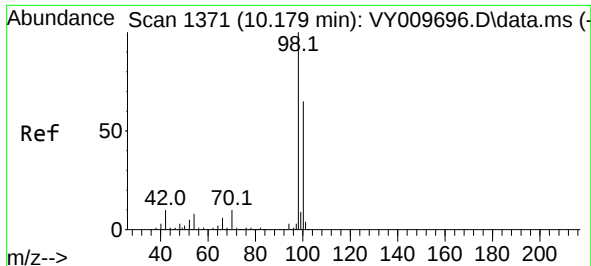
Tgt Ion:117 Resp: 15580
Ion Ratio Lower Upper
117 100
119 6.0 77.9 116.9#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 1.767 ug/l
RT: 8.106 min Scan# 1031
Delta R.T. -0.158 min
Lab File: VY009790.D
Acq: 01 Aug 2022 12:35

Tgt Ion: 43 Resp: 4590
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 89.2 8.9 13.3#

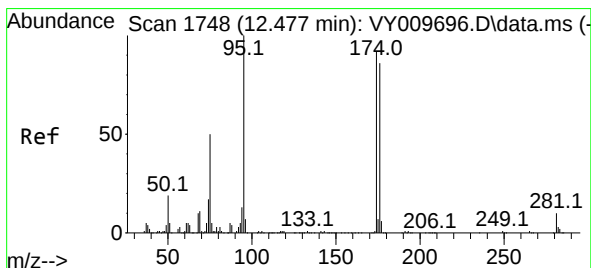
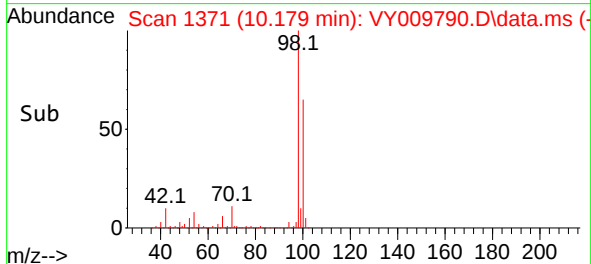
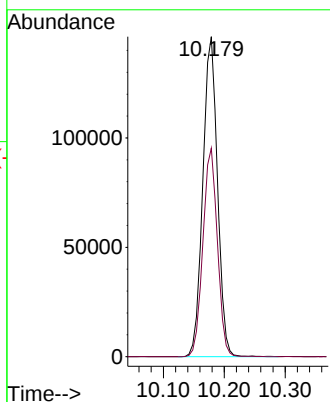
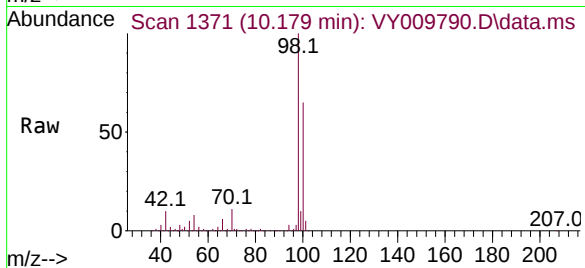




#50
Toluene-d8
Concen: 54.821 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009790.D
Acq: 01 Aug 2022 12:35

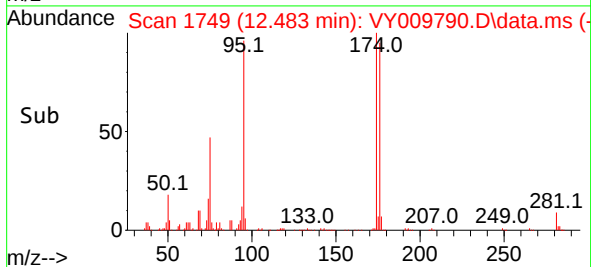
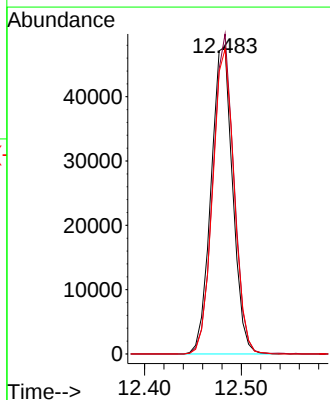
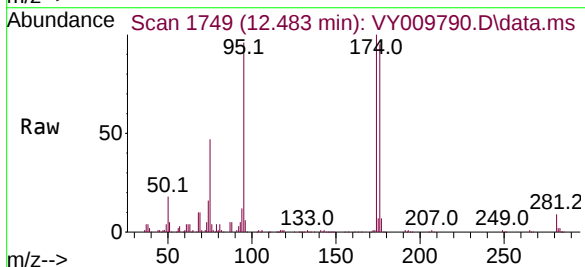
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBL01

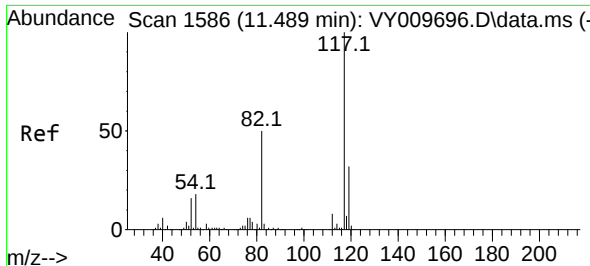
Tgt Ion: 98 Resp: 244326
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.384 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009790.D
Acq: 01 Aug 2022 12:35

Tgt Ion: 95 Resp: 74383
Ion Ratio Lower Upper
95 100
174 100.5 0.0 177.0
176 98.0 0.0 175.8

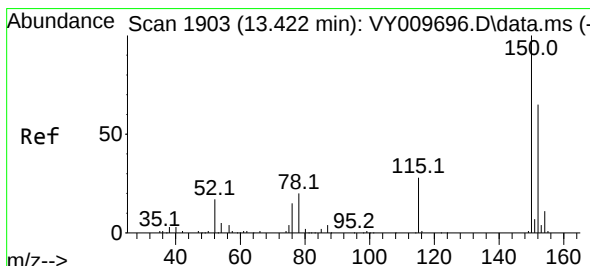
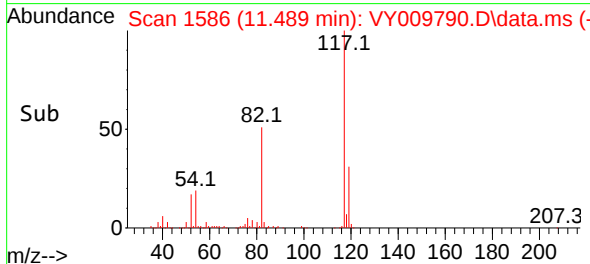
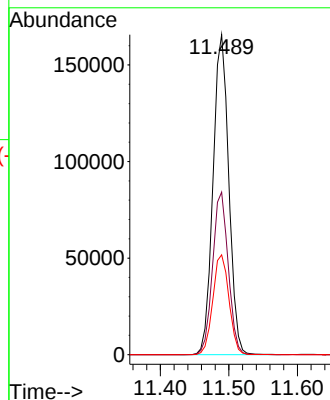
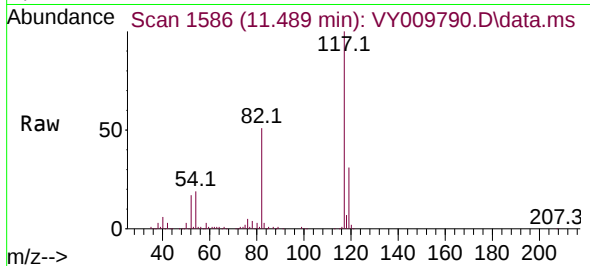




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009790.D
Acq: 01 Aug 2022 12:35

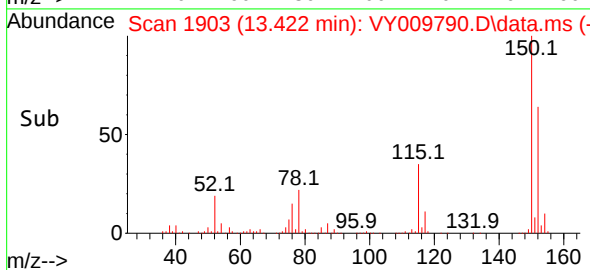
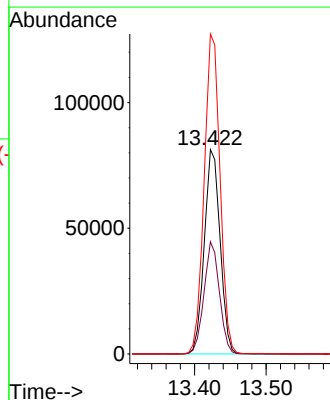
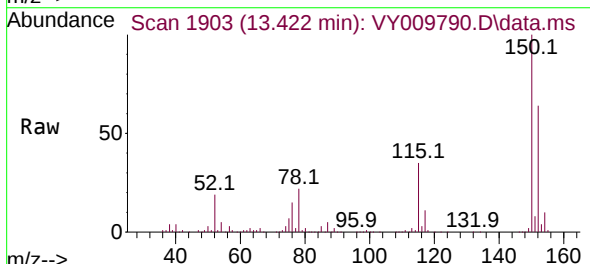
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBL01

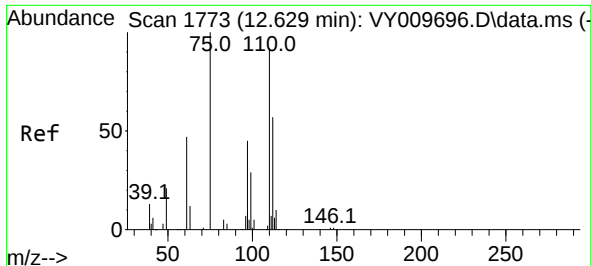
Tgt Ion:117 Resp: 264818
Ion Ratio Lower Upper
117 100
82 50.8 43.0 64.4
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009790.D
Acq: 01 Aug 2022 12:35

Tgt Ion:152 Resp: 124789
Ion Ratio Lower Upper
152 100
115 53.6 28.2 84.7
150 157.1 0.0 347.6

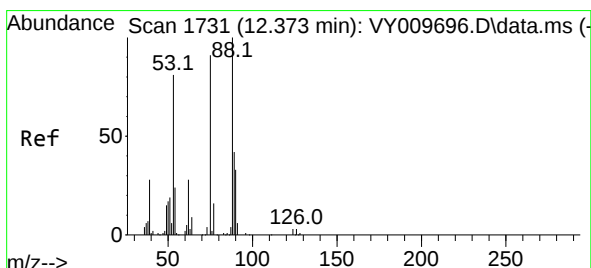
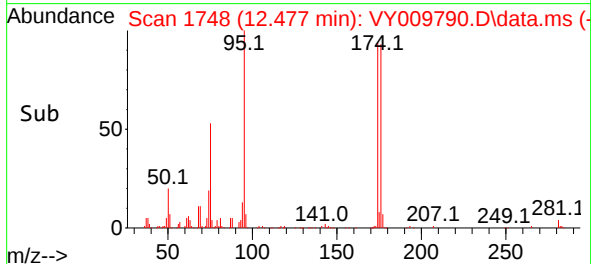
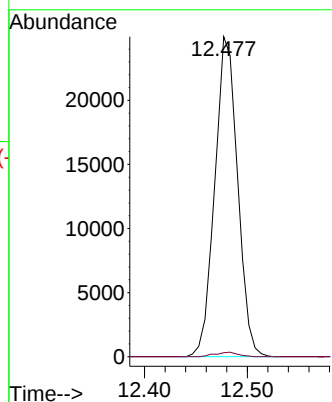
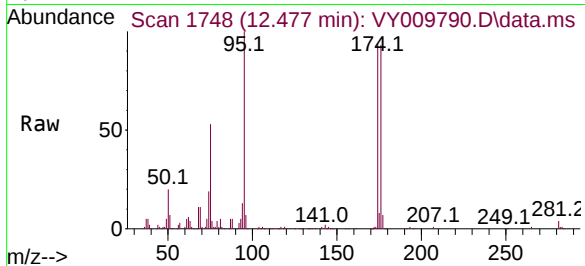




#76
1,2,3-Trichloropropane
Concen: 33.182 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009790.D
Acq: 01 Aug 2022 12:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBL01

Tgt Ion: 75 Resp: 38461
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.140 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009790.D
Acq: 01 Aug 2022 12:35

Tgt Ion: 75 Resp: 38461
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

