

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072622\
 Data File : VY009701.D
 Acq On : 26 Jul 2022 15:40
 Operator : KP/MD
 Sample : VY0726SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0726SBL01

Quant Time: Jul 27 04:26:13 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)

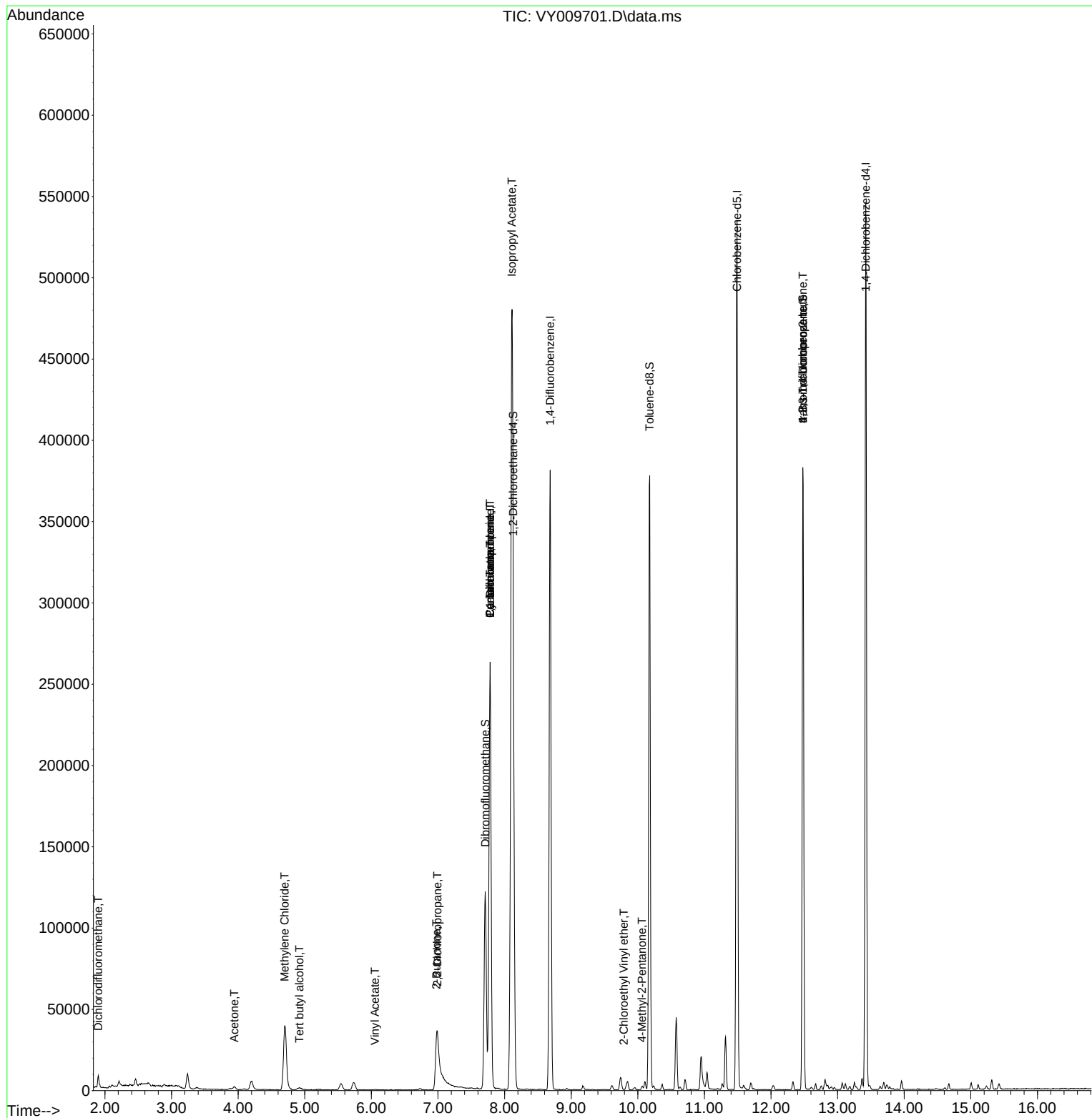
Internal Standards						
1) Pentafluorobenzene	7.783	168	215722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	339901	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	303049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	144426	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	76040	53.299	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.600%	
35) Dibromofluoromethane	7.710	113	86271	46.667	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.340%	
50) Toluene-d8	10.179	98	250096	46.124	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 92.240%	
62) 4-Bromofluorobenzene	12.477	95	110655	45.142	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 90.280%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	5413	2.819	ug/l	95
11) Tert butyl alcohol	4.917	59	2187	9.522	ug/l #	77
16) Acetone	3.942	43	3410	6.611	ug/l #	79
18) Methyl Acetate	4.466	43	64	Below Cal	#	56
20) Methylene Chloride	4.698	84	31402	3.720	ug/l #	79
23) Vinyl Acetate	6.051	43	575	7.608	ug/l #	75
25) 2-Butanone	6.978	43	3183	4.183	ug/l #	83
26) 2,2-Dichloropropane	6.990	77	3853	1.133	ug/l #	55
31) Cyclohexane	7.783	56	4301	1.253	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	15466	5.142	ug/l #	50
38) Carbon Tetrachloride	7.783	117	18963	5.883	ug/l #	15
43) Isopropyl Acetate	8.106	43	9774	3.138	ug/l #	21
51) 4-Methyl-2-Pentanone	10.063	43	1743	1.100	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	40	23.982	ug/l #	48
76) 1,2,3-Trichloropropane	12.477	75	56312	41.977	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	56312	83.672	ug/l #	7

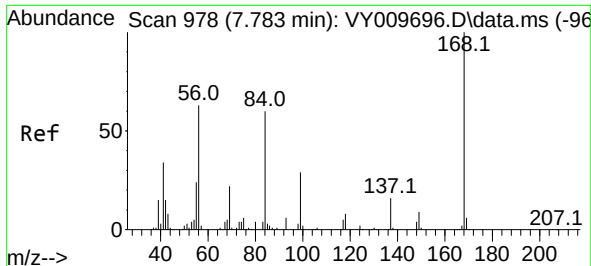
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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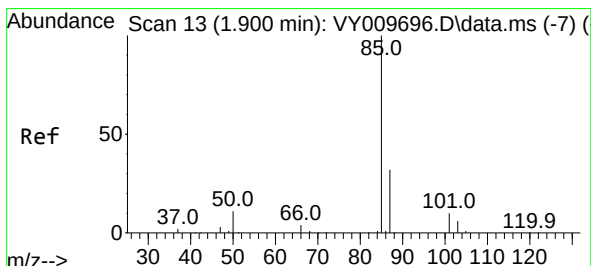
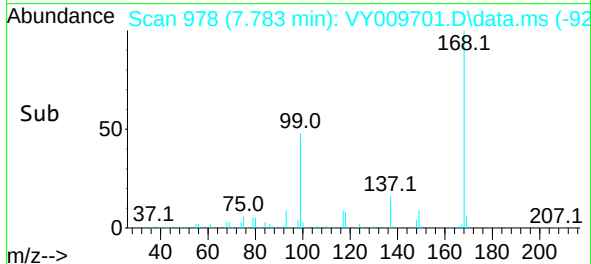
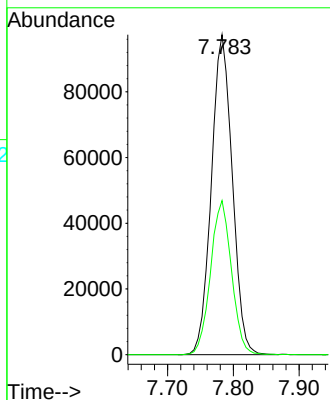
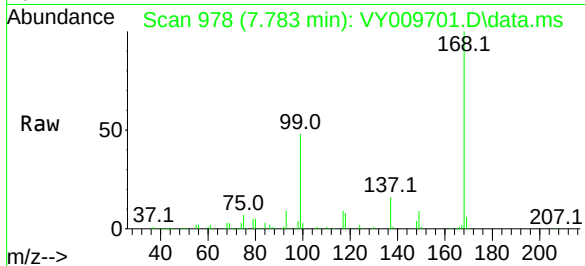




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009701.D
Acq: 26 Jul 2022 15:40

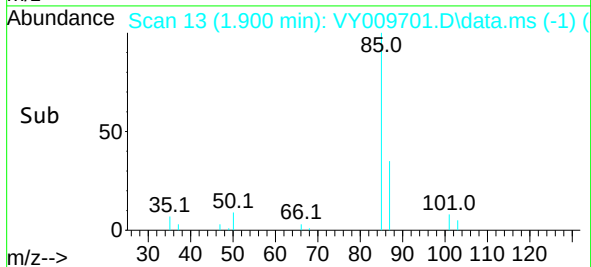
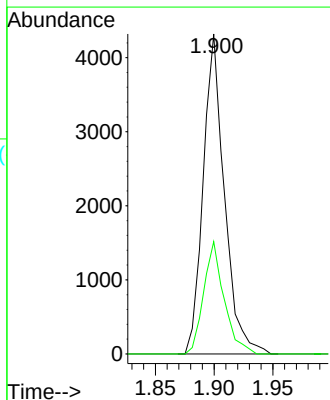
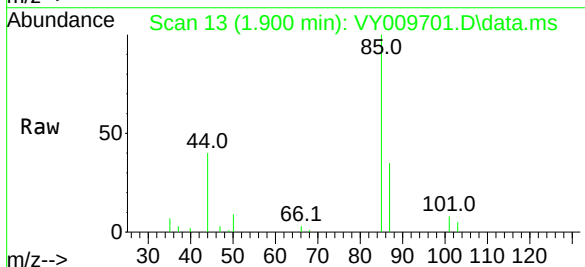
Instrument :
MSVOA_Y
ClientSampleId :
VY0726SBL01

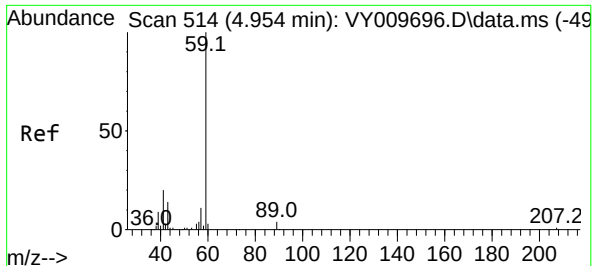
Tgt Ion:168 Resp: 215722
Ion Ratio Lower Upper
168 100
99 48.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 2.819 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009701.D
Acq: 26 Jul 2022 15:40

Tgt Ion: 85 Resp: 5413
Ion Ratio Lower Upper
85 100
87 35.1 16.1 48.2





#11

Tert butyl alcohol

Concen: 9.522 ug/l

RT: 4.917 min Scan# 50

Delta R.T. -0.037 min

Lab File: VY009701.D

Acq: 26 Jul 2022 15:40

Instrument :

MSVOA_Y

ClientSampleId :

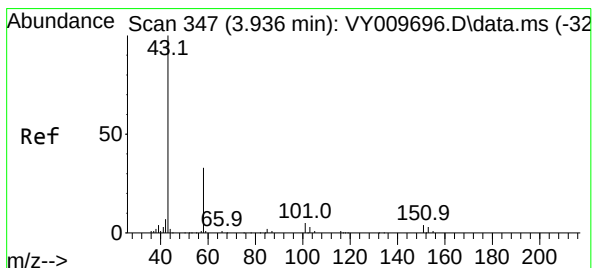
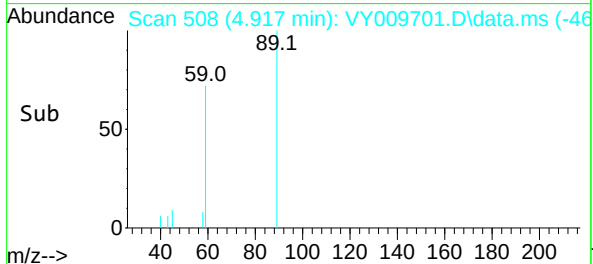
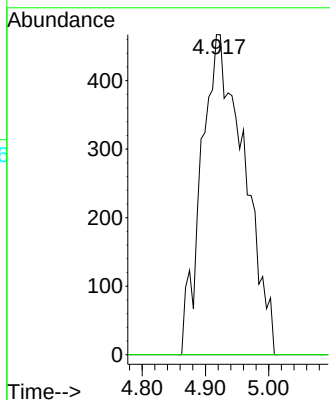
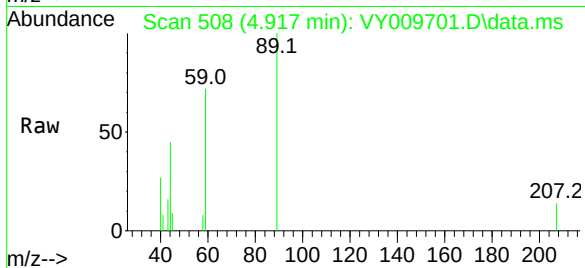
VY0726SBL01

Tgt Ion: 59 Resp: 2187

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 6.611 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY009701.D

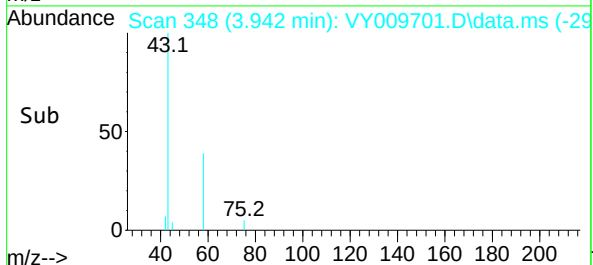
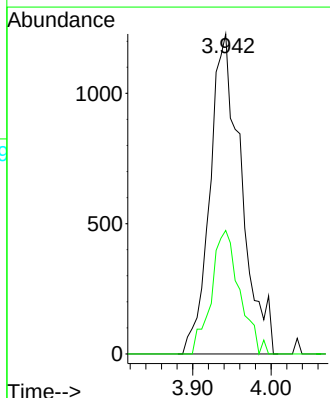
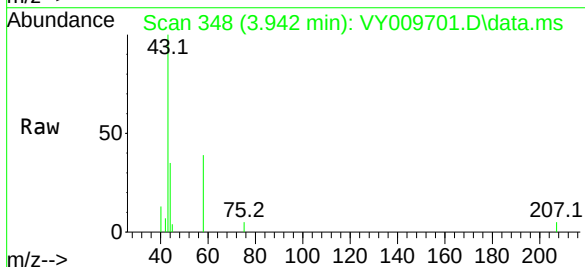
Acq: 26 Jul 2022 15:40

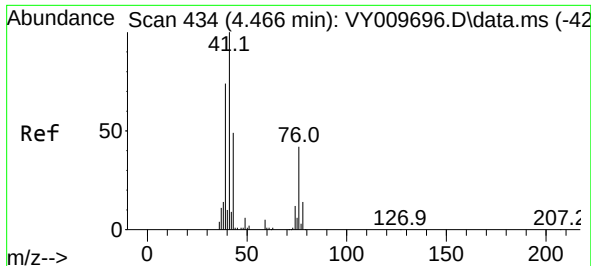
Tgt Ion: 43 Resp: 3410

Ion Ratio Lower Upper

43 100

58 38.6 22.0 33.0#

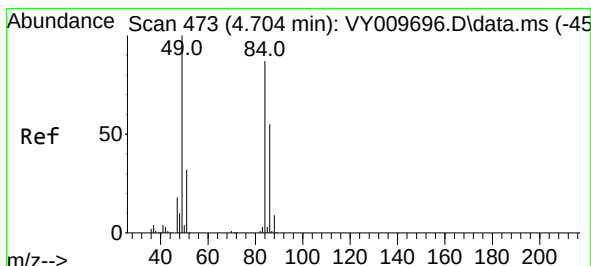
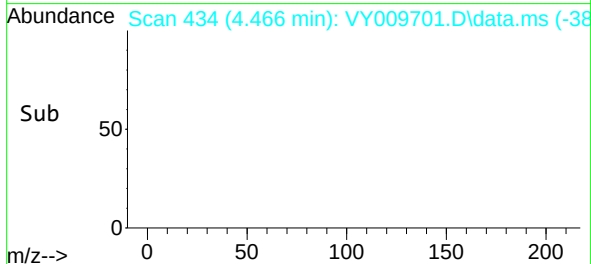
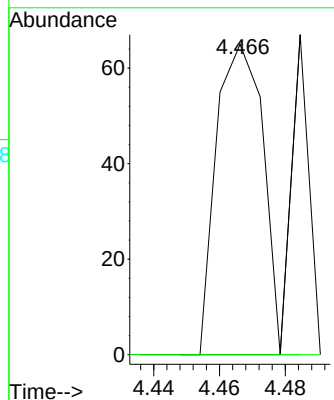
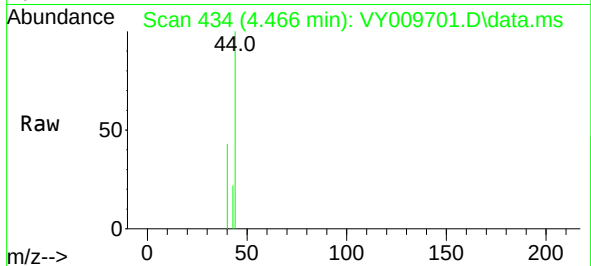




#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009701.D
Acq: 26 Jul 2022 15:40

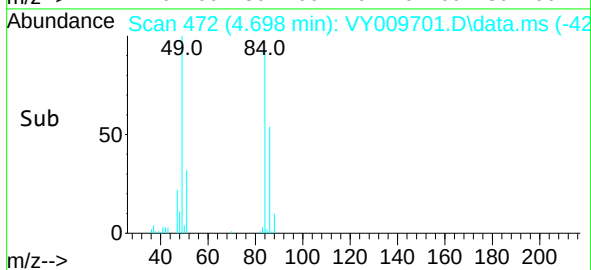
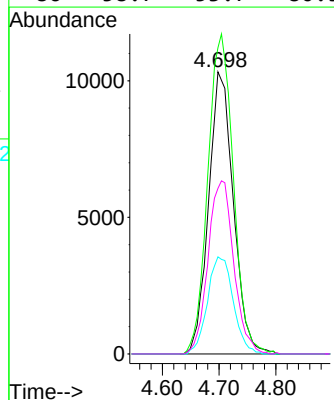
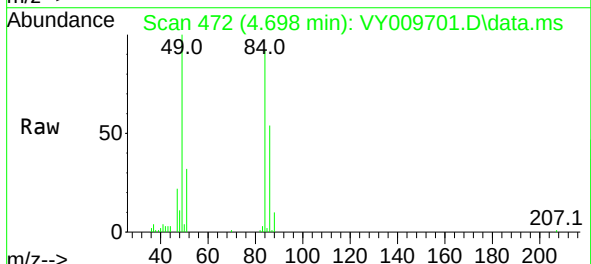
Instrument :
MSVOA_Y
ClientSampleId :
VY0726SBL01

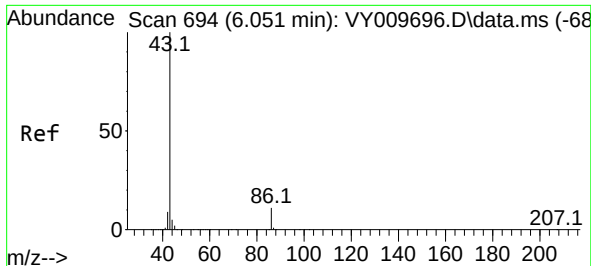
Tgt Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 3.720 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY009701.D
Acq: 26 Jul 2022 15:40

Tgt Ion: 84 Resp: 31402
Ion Ratio Lower Upper
84 100
49 108.6 114.4 171.6#
51 34.4 35.3 52.9#
86 58.7 53.7 80.5

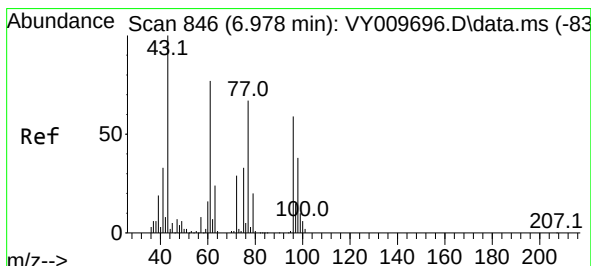
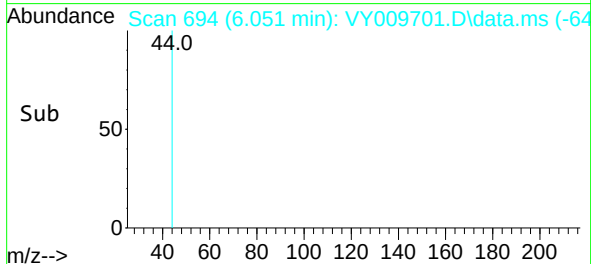
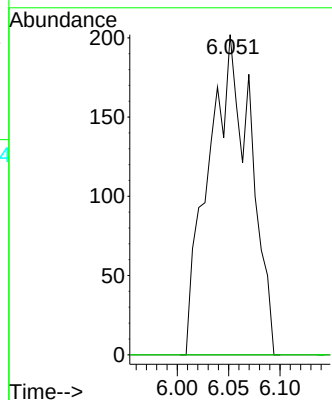
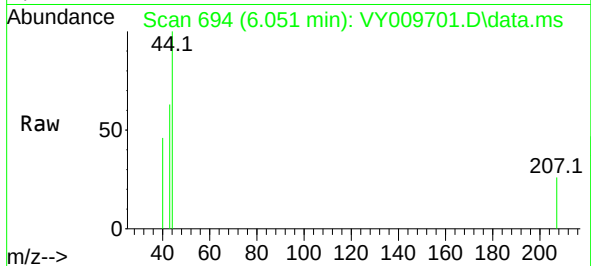




#23
 Vinyl Acetate
 Concen: 7.608 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY009701.D
 Acq: 26 Jul 2022 15:40

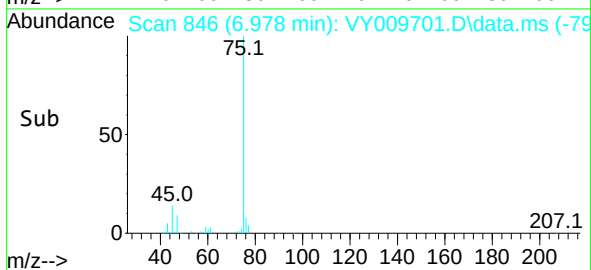
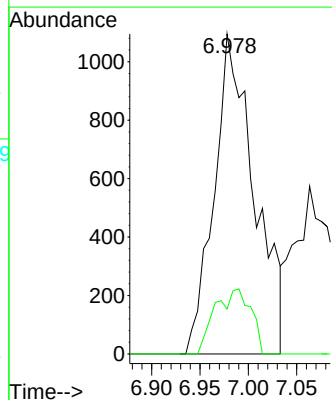
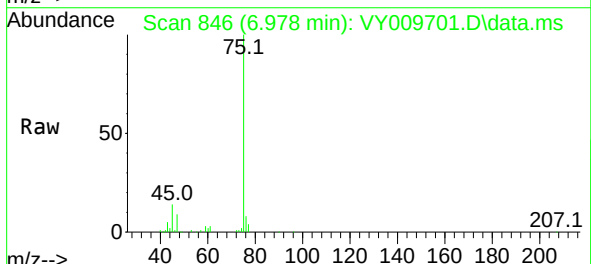
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0726SBL01

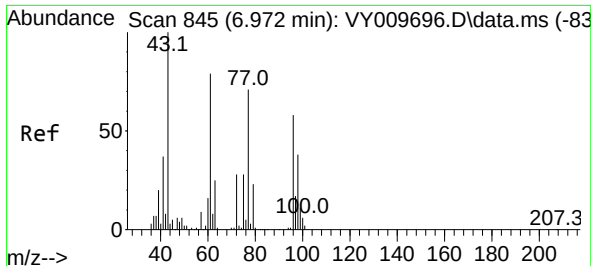
Tgt Ion: 43 Resp: 575
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#25
 2-Butanone
 Concen: 4.183 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. -0.000 min
 Lab File: VY009701.D
 Acq: 26 Jul 2022 15:40

Tgt Ion: 43 Resp: 3183
 Ion Ratio Lower Upper
 43 100
 72 14.1 17.7 26.5#

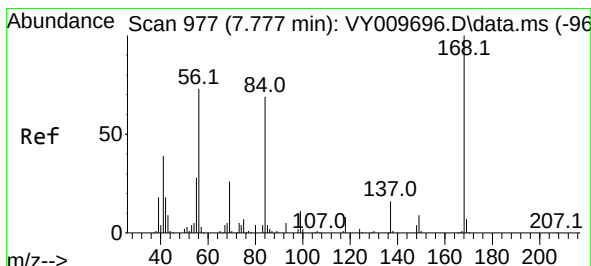
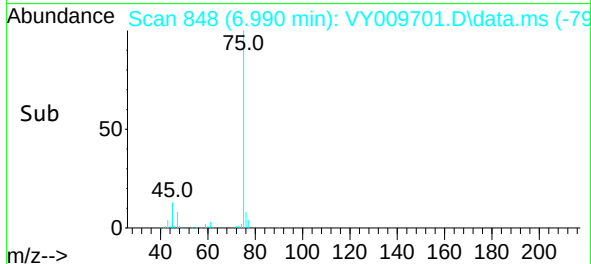
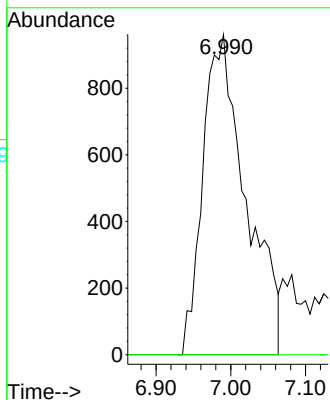
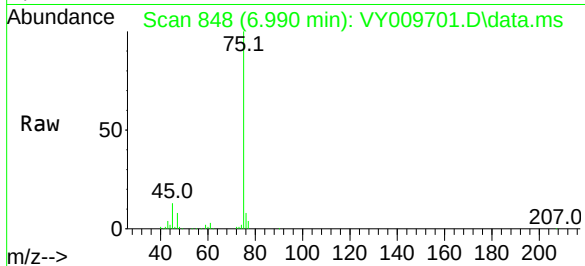




#26
2,2-Dichloropropane
Concen: 1.133 ug/l
RT: 6.990 min Scan# 845
Delta R.T. 0.018 min
Lab File: VY009701.D
Acq: 26 Jul 2022 15:40

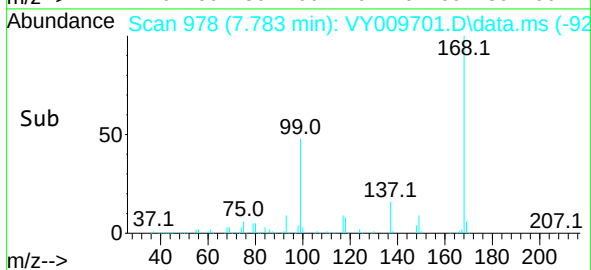
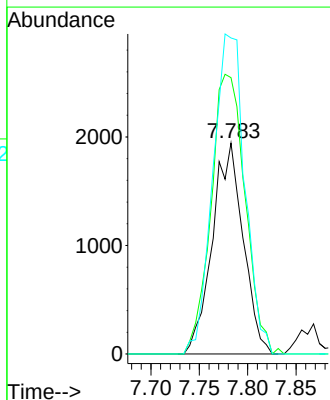
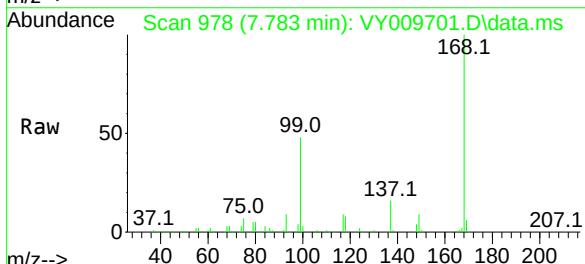
Instrument :
MSVOA_Y
ClientSampleId :
VY0726SBL01

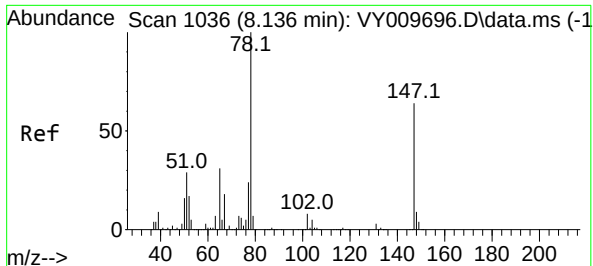
Tgt Ion: 77 Resp: 3853
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#31
Cyclohexane
Concen: 1.253 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY009701.D
Acq: 26 Jul 2022 15:40

Tgt Ion: 56 Resp: 4301
Ion Ratio Lower Upper
56 100
69 131.0 26.7 40.1#
84 149.8 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 53.299 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009701.D

Acq: 26 Jul 2022 15:40

Instrument :

MSVOA_Y

ClientSampleId :

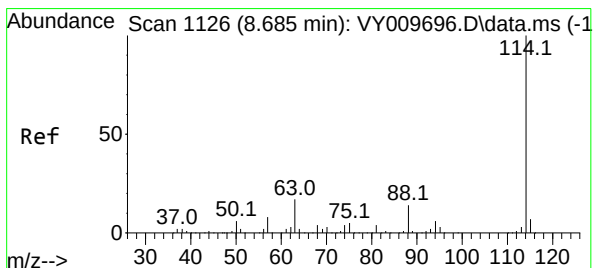
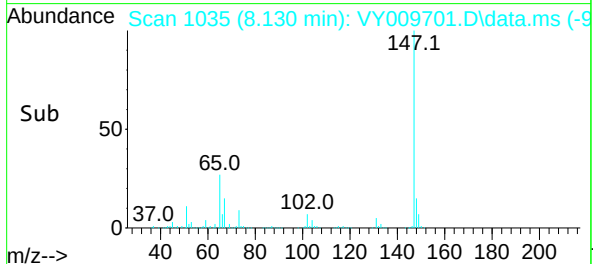
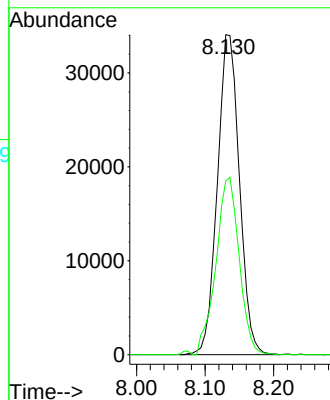
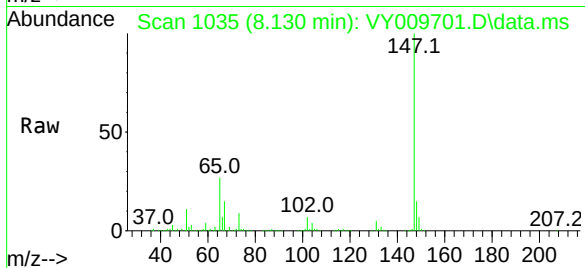
VY0726SBL01

Tgt Ion: 65 Resp: 76040

Ion Ratio Lower Upper

65 100

67 58.6 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: VY009701.D

Acq: 26 Jul 2022 15:40

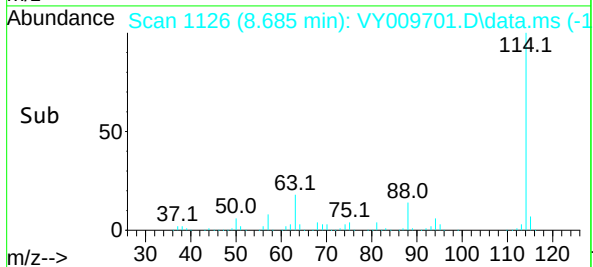
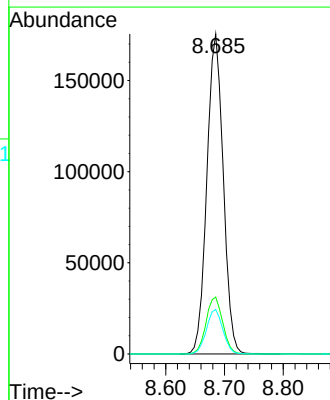
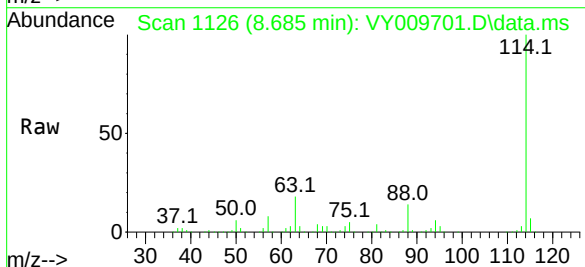
Tgt Ion: 114 Resp: 339901

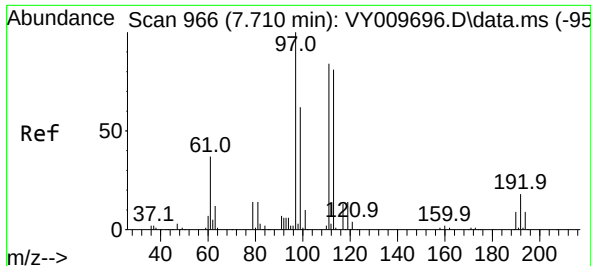
Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 13.9 0.0 31.8

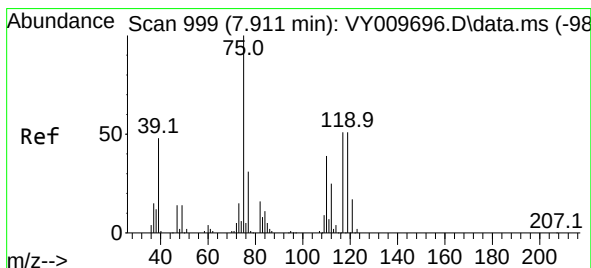
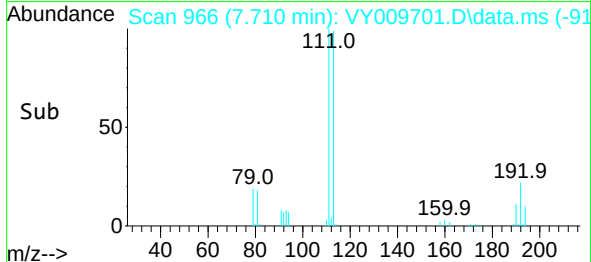
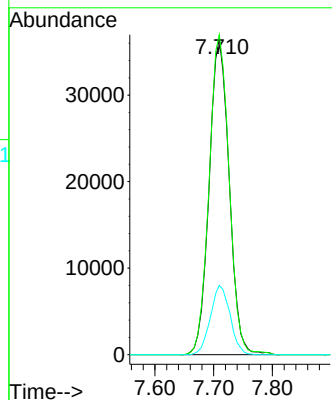
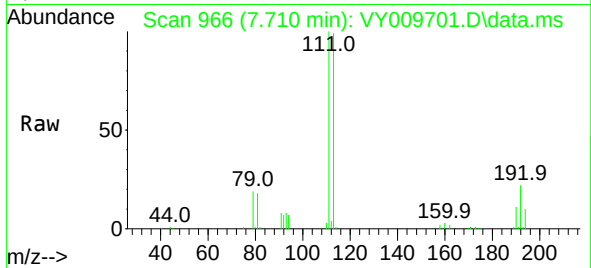




#35
Dibromofluoromethane
Concen: 46.667 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009701.D
Acq: 26 Jul 2022 15:40

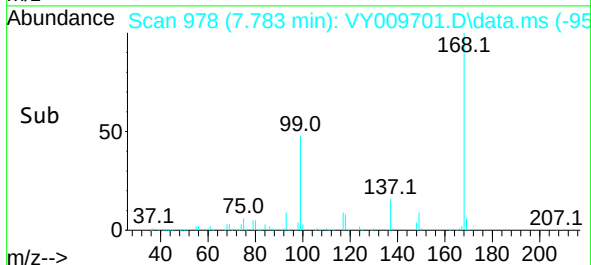
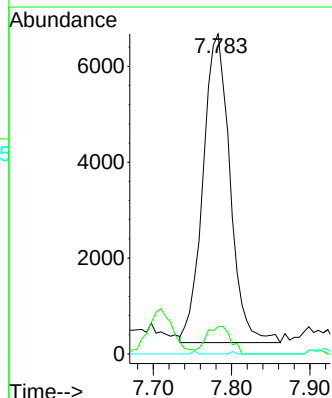
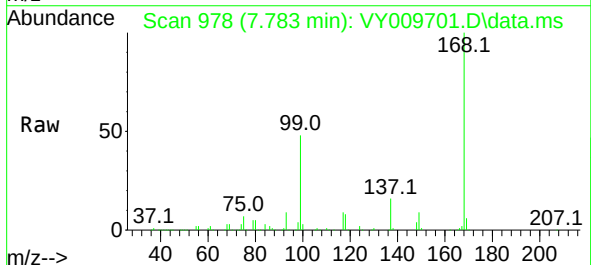
Instrument :
MSVOA_Y
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VY0726SBL01

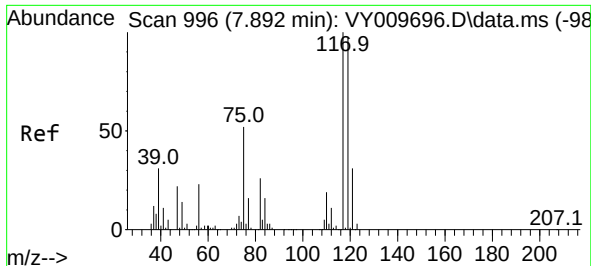
Tgt Ion:113 Resp: 86271
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 21.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 5.142 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009701.D
Acq: 26 Jul 2022 15:40

Tgt Ion: 75 Resp: 15466
Ion Ratio Lower Upper
75 100
110 8.0 17.1 51.2#
77 0.1 24.4 36.6#

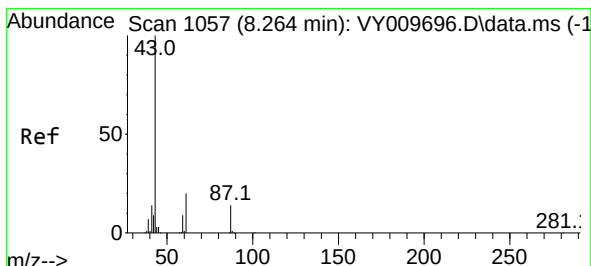
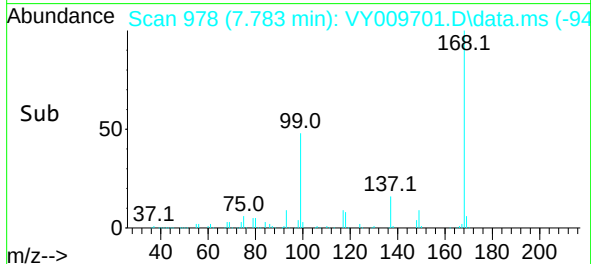
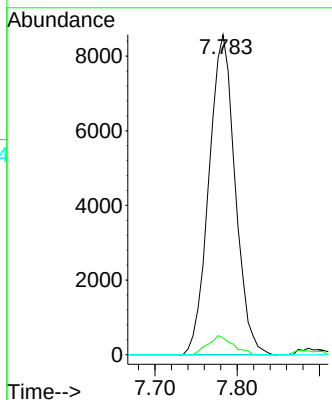
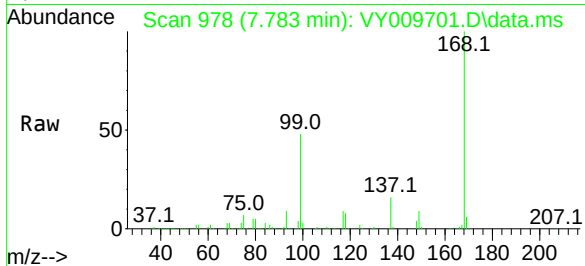




#38
Carbon Tetrachloride
Concen: 5.883 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009701.D
Acq: 26 Jul 2022 15:40

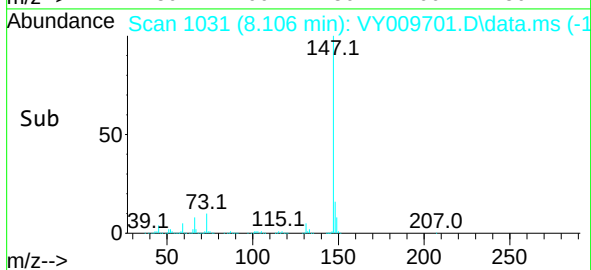
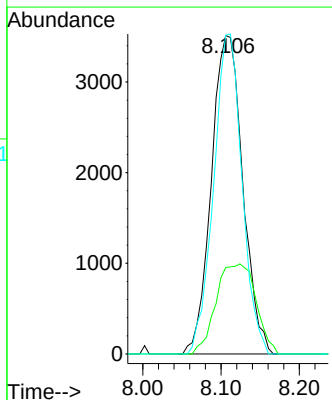
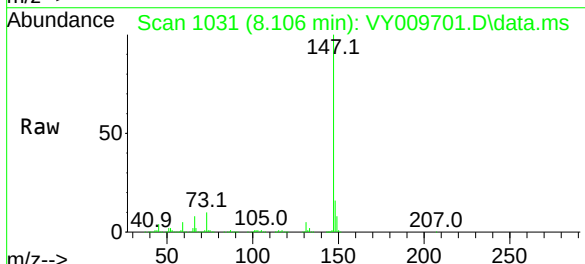
Instrument :
MSVOA_Y
ClientSampleId :
VY0726SBL01

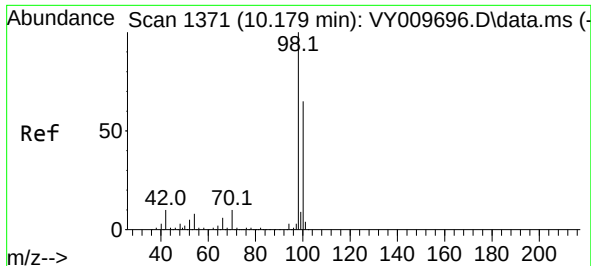
Tgt Ion:117 Resp: 18963
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 3.138 ug/l
RT: 8.106 min Scan# 1031
Delta R.T. -0.158 min
Lab File: VY009701.D
Acq: 26 Jul 2022 15:40

Tgt Ion: 43 Resp: 9774
Ion Ratio Lower Upper
43 100
61 35.8 20.2 30.2#
87 91.0 8.9 13.3#

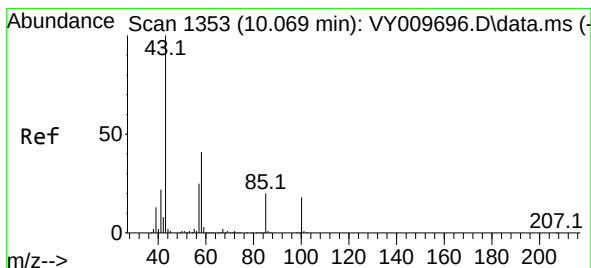
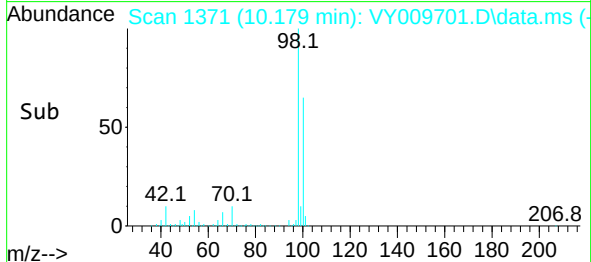
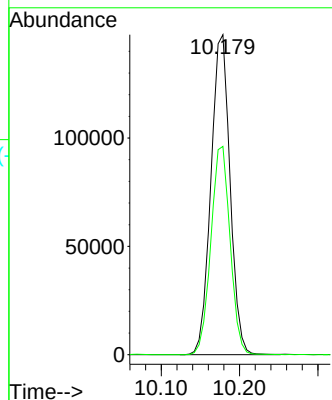
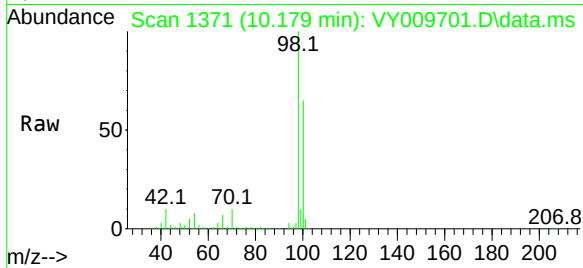




#50
Toluene-d8
Concen: 46.124 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009701.D
Acq: 26 Jul 2022 15:40

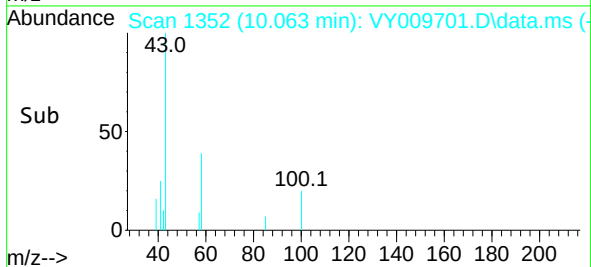
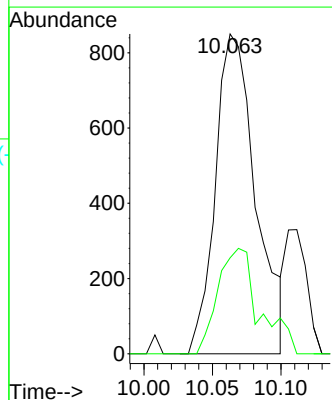
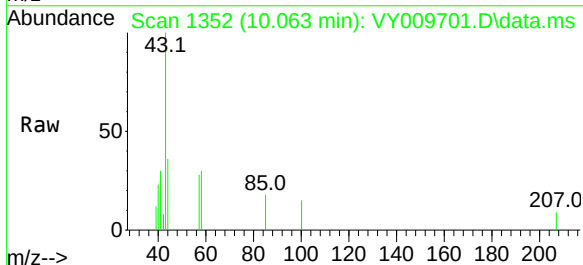
Instrument :
MSVOA_Y
ClientSampleId :
VY0726SBL01

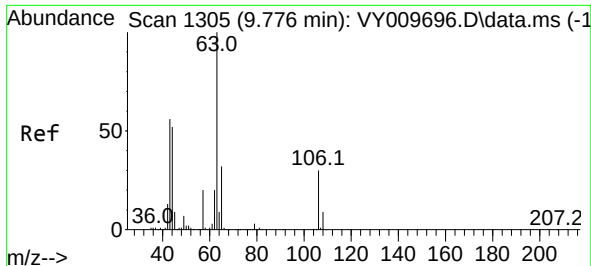
Tgt Ion: 98 Resp: 250096
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.100 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY009701.D
Acq: 26 Jul 2022 15:40

Tgt Ion: 43 Resp: 1743
Ion Ratio Lower Upper
43 100
58 33.7 28.1 42.1

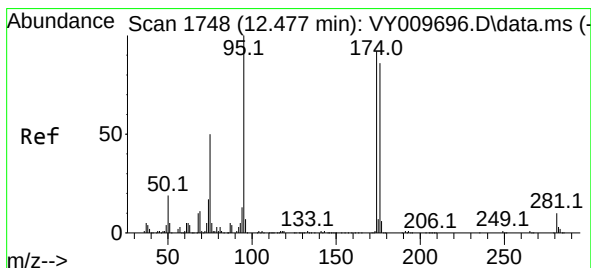
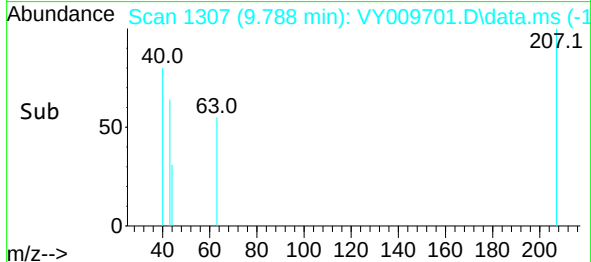
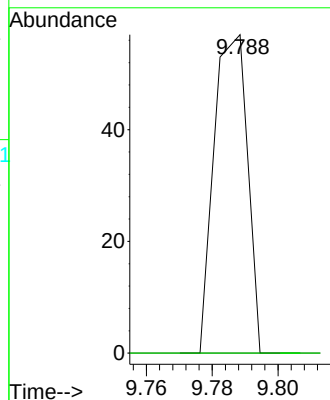
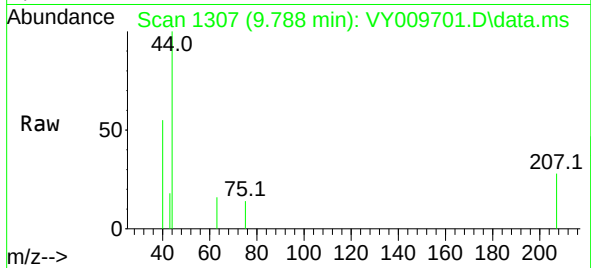




#58
 2-Chloroethyl Vinyl ether
 Concen: 23.982 ug/l
 RT: 9.788 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: VY009701.D
 Acq: 26 Jul 2022 15:40

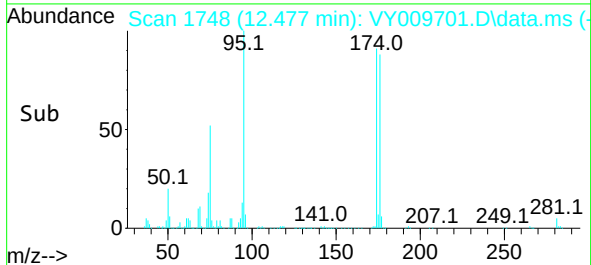
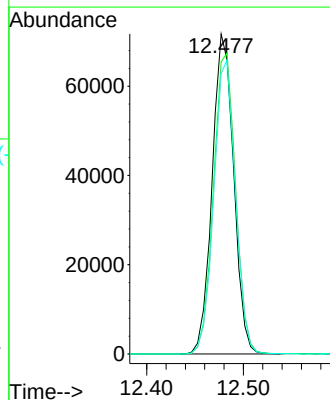
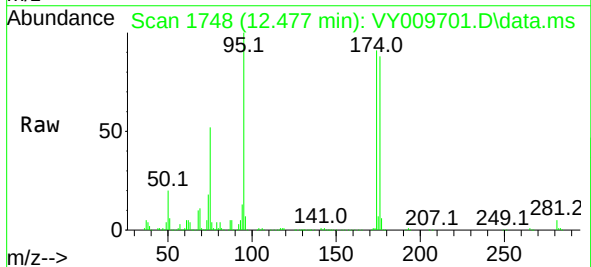
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0726SBL01

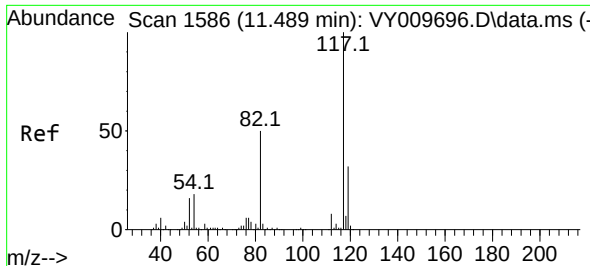
Tgt Ion: 63 Resp: 40
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.5 32.3#



#62
 4-Bromofluorobenzene
 Concen: 45.142 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.000 min
 Lab File: VY009701.D
 Acq: 26 Jul 2022 15:40

Tgt Ion: 95 Resp: 110655
 Ion Ratio Lower Upper
 95 100
 174 96.4 0.0 177.0
 176 92.3 0.0 175.8

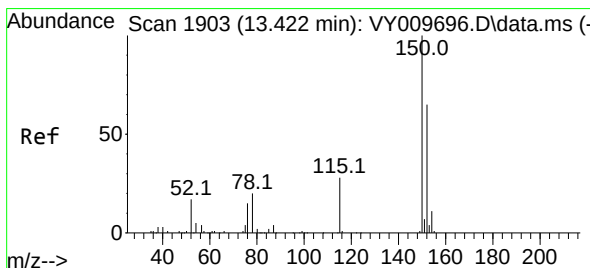
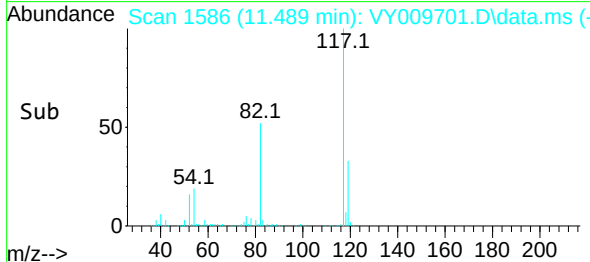
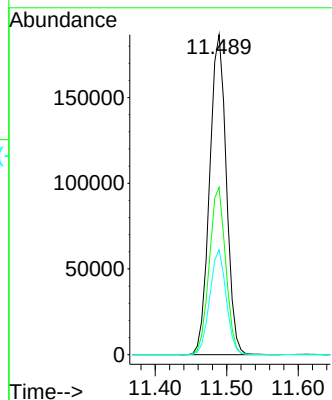
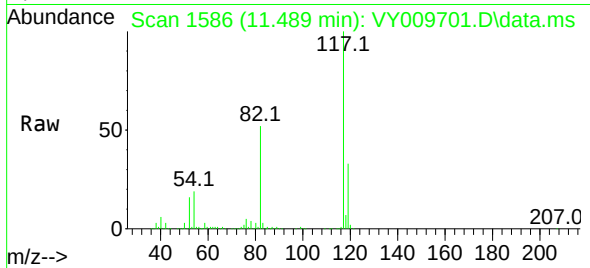




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009701.D
Acq: 26 Jul 2022 15:40

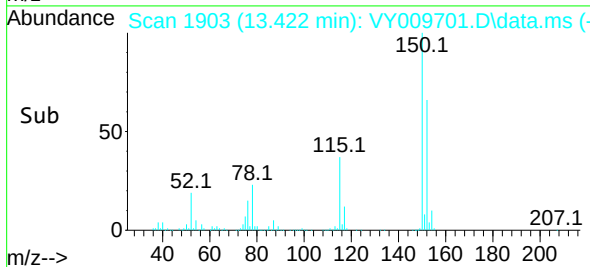
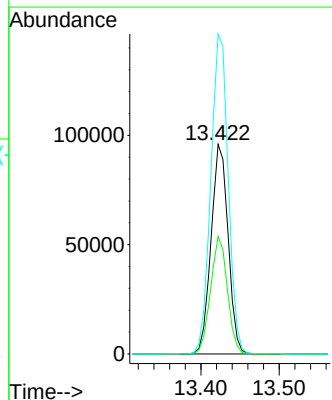
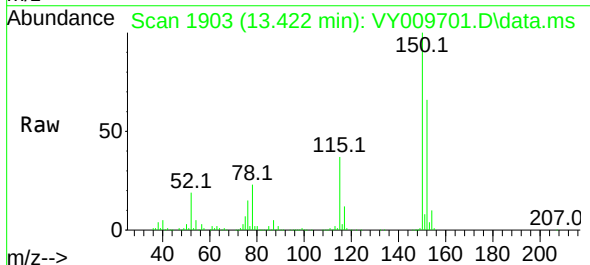
Instrument :
MSVOA_Y
ClientSampleId :
VY0726SBL01

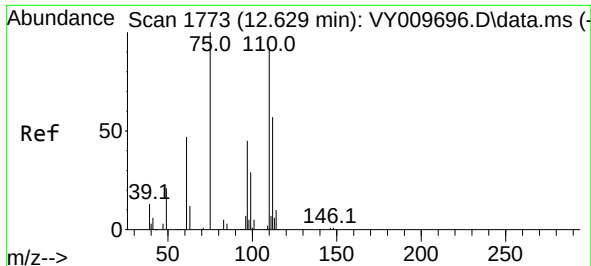
Tgt Ion:117 Resp: 303049
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 32.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009701.D
Acq: 26 Jul 2022 15:40

Tgt Ion:152 Resp: 144426
Ion Ratio Lower Upper
152 100
115 55.4 28.2 84.7
150 156.2 0.0 347.6

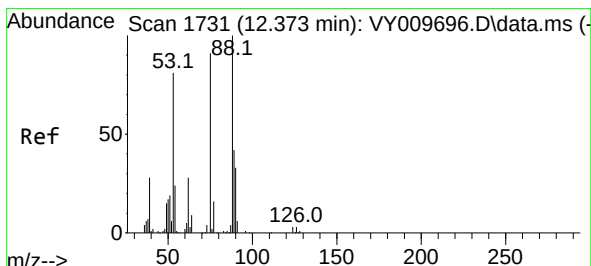
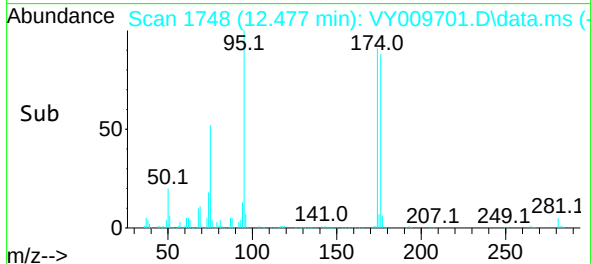
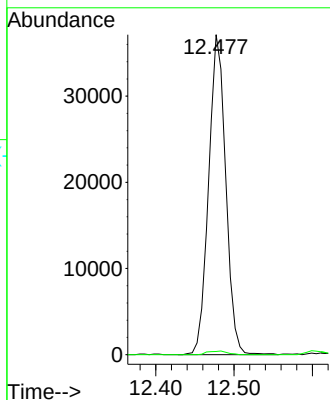
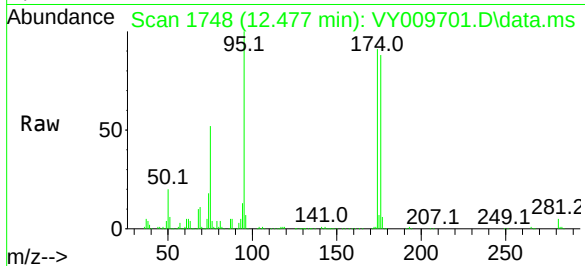




#76
1,2,3-Trichloropropane
Concen: 41.977 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY009701.D
Acq: 26 Jul 2022 15:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0726SBL01

Tgt Ion: 75 Resp: 56312
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.672 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY009701.D
Acq: 26 Jul 2022 15:40

Tgt Ion: 75 Resp: 56312
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#

