

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092922\
 Data File : VY010727.D
 Acq On : 29 Sep 2022 13:43
 Operator : KP/MD
 Sample : VY0929SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0929SBL01

Quant Time: Sep 30 08:18:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

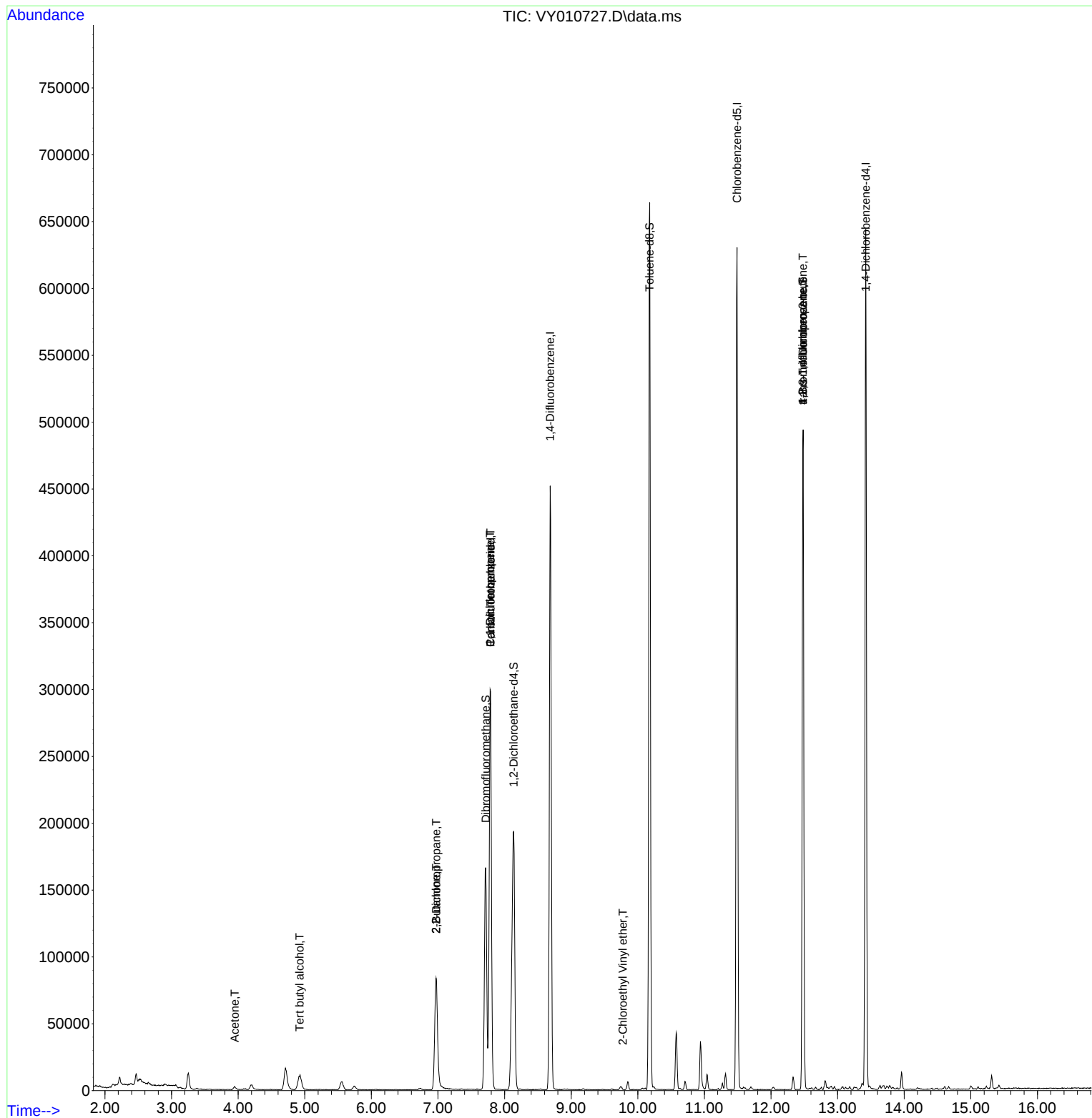
Internal Standards						
1) Pentafluorobenzene	7.789	168	235458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	389494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	342751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	159767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	124566	55.311	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.620%
35) Dibromofluoromethane	7.716	113	119871	48.223	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.440%
50) Toluene-d8	10.179	98	439945	48.021	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.040%
62) 4-Bromofluorobenzene	12.477	95	144409	41.919	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.840%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	416	Below Cal		92
3) Chloromethane	2.119	50	661	Below Cal		91
4) Vinyl Chloride	2.253	62	45	Below Cal	#	43
5) Bromomethane	2.662	94	647	Below Cal		86
11) Tert butyl alcohol	4.923	59	11093	45.932	ug/l #	80
16) Acetone	3.948	43	3589	7.815	ug/l #	84
17) Carbon Disulfide	4.198	76	440	Below Cal	#	75
18) Methyl Acetate	4.485	43	139	Below Cal	#	56
20) Methylene Chloride	4.710	84	12082	Below Cal	#	80
25) 2-Butanone	6.972	43	4871	6.781	ug/l #	78
26) 2,2-Dichloropropane	6.972	77	6689	1.959	ug/l #	55
31) Cyclohexane	7.777	56	5044	Below Cal	#	7
36) 1,1-Dichloropropene	7.783	75	17831	6.438	ug/l #	51
38) Carbon Tetrachloride	7.789	117	23517	7.385	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.776	63	54	20.513	ug/l #	48
76) 1,2,3-Trichloropropane	12.477	75	75129	49.269	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	75129	109.547	ug/l #	7

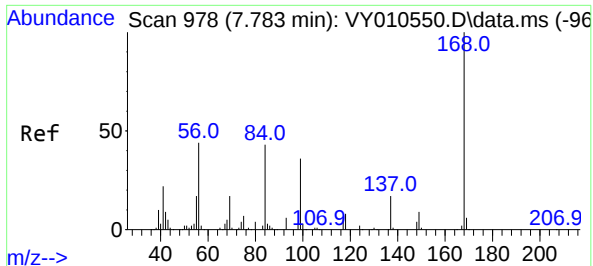
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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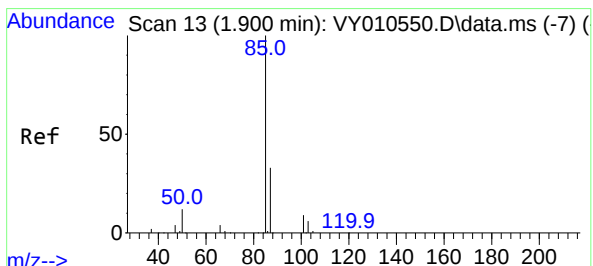
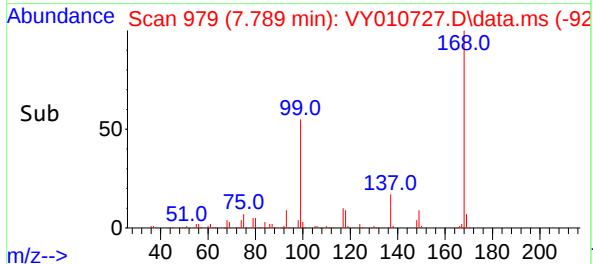
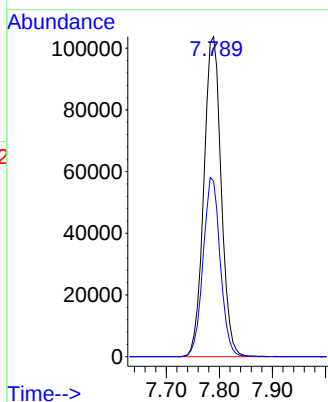
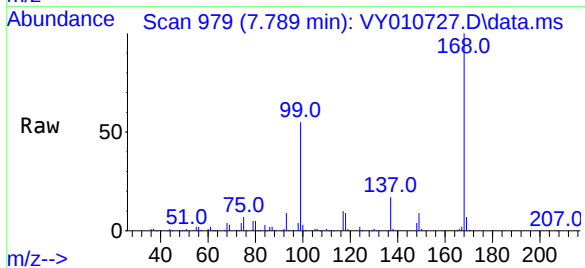




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010727.D
Acq: 29 Sep 2022 13:43

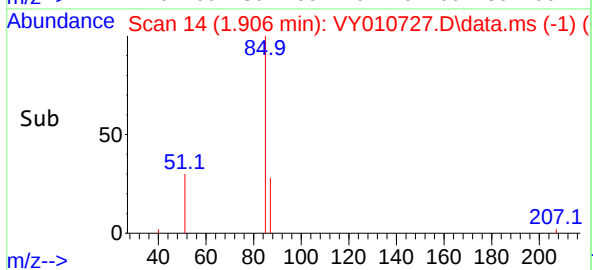
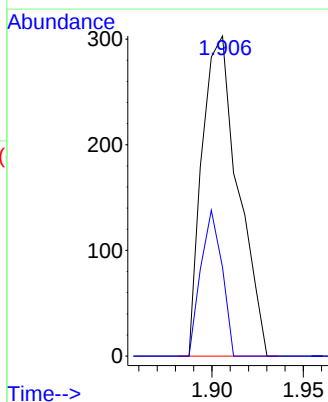
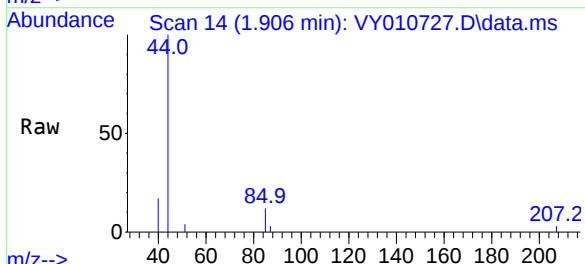
Instrument :
MSVOA_Y
ClientSampleId :
VY0929SBL01

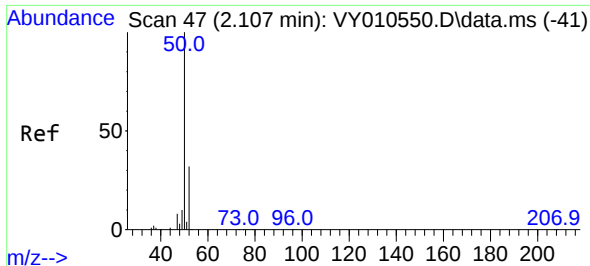
Tgt Ion:168 Resp: 235458
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY010727.D
Acq: 29 Sep 2022 13:43

Tgt Ion: 85 Resp: 416
Ion Ratio Lower Upper
85 100
87 27.7 16.1 48.2

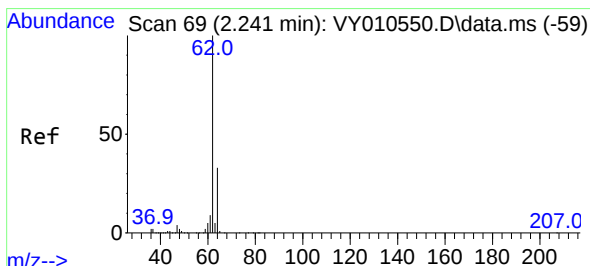
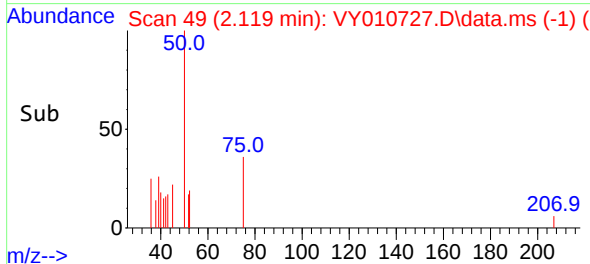
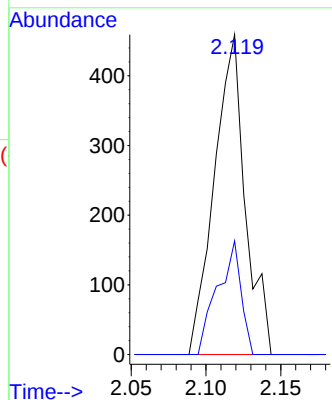
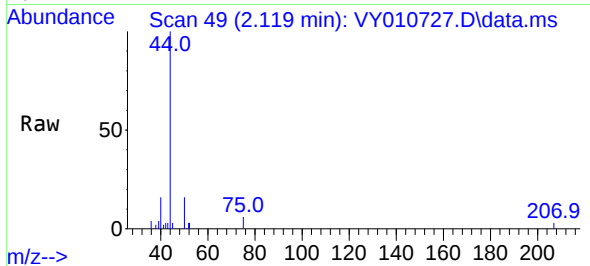




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.012 min
Lab File: VY010727.D
Acq: 29 Sep 2022 13:43

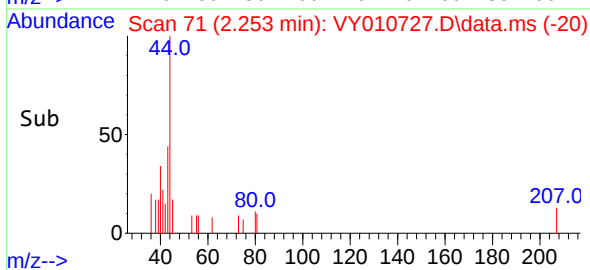
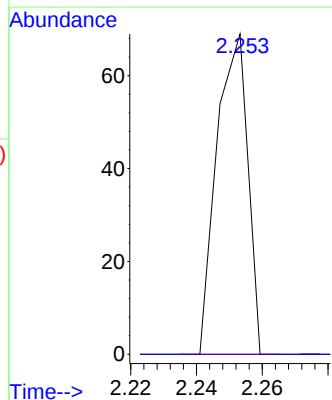
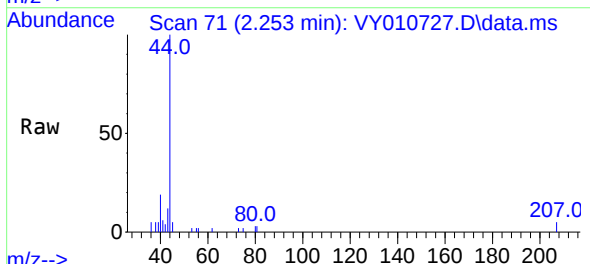
Instrument :
MSVOA_Y
ClientSampleId :
VY0929SBL01

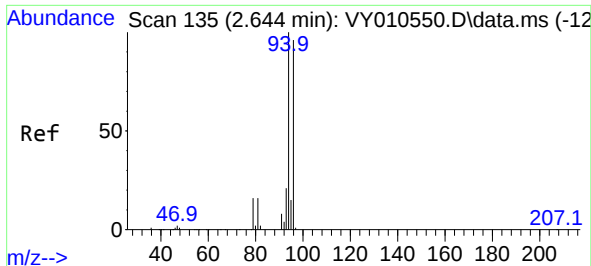
Tgt Ion: 50 Resp: 661
Ion Ratio Lower Upper
50 100
52 35.5 24.6 37.0



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.253 min Scan# 71
Delta R.T. 0.012 min
Lab File: VY010727.D
Acq: 29 Sep 2022 13:43

Tgt Ion: 62 Resp: 45
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

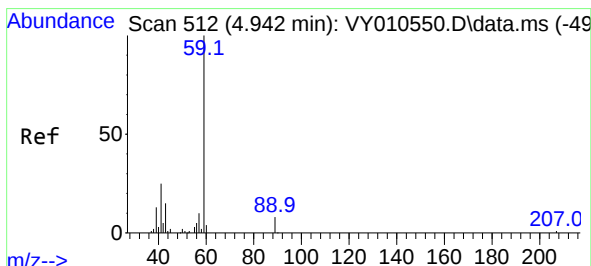
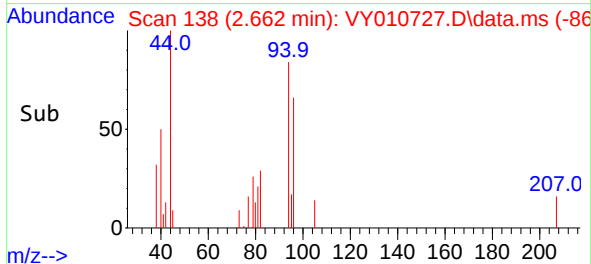
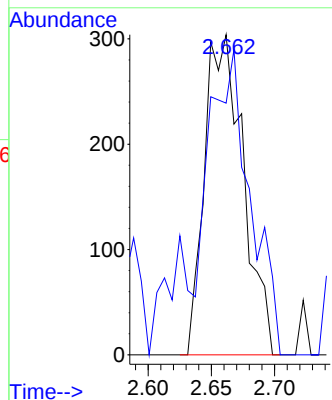
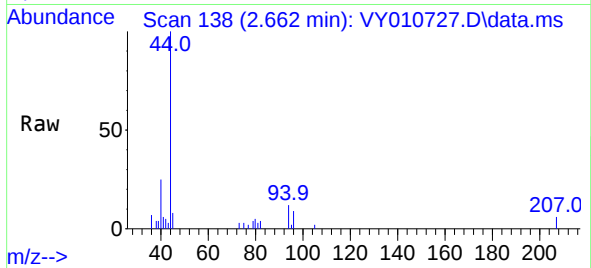




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY010727.D
Acq: 29 Sep 2022 13:43

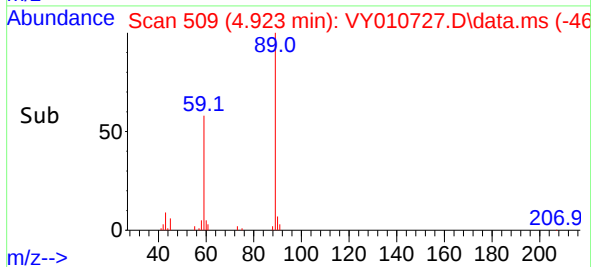
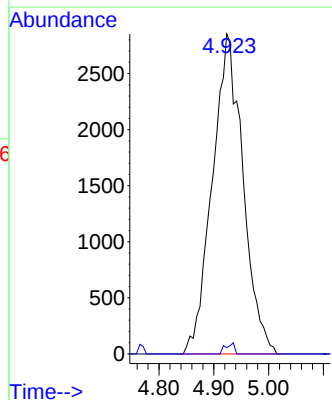
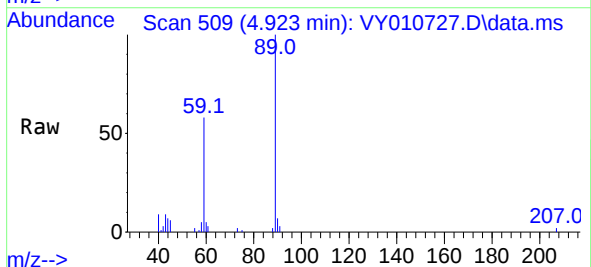
Instrument :
MSVOA_Y
ClientSampleId :
VY0929SBL01

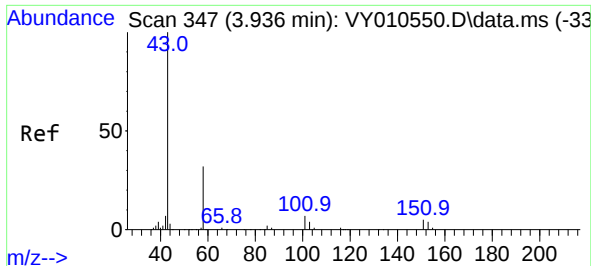
Tgt Ion: 94 Resp: 647
Ion Ratio Lower Upper
94 100
96 78.6 73.5 110.3



#11
Tert butyl alcohol
Concen: 45.932 ug/l
RT: 4.923 min Scan# 509
Delta R.T. -0.019 min
Lab File: VY010727.D
Acq: 29 Sep 2022 13:43

Tgt Ion: 59 Resp: 11093
Ion Ratio Lower Upper
59 100
57 1.0 6.4 9.6#

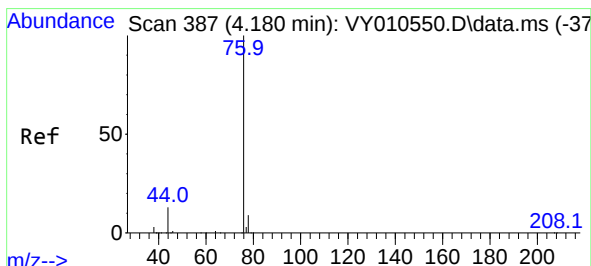
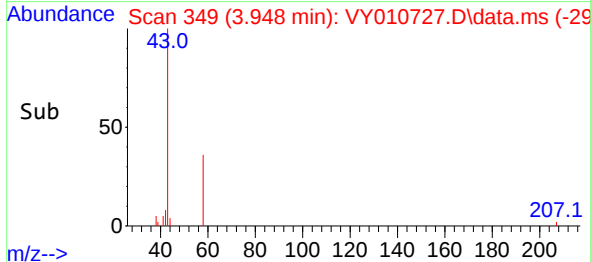
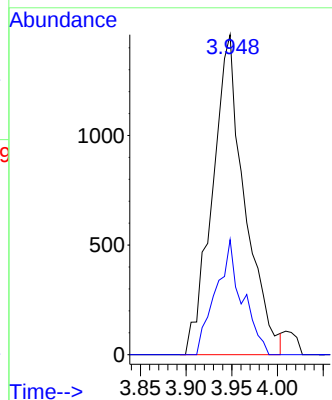
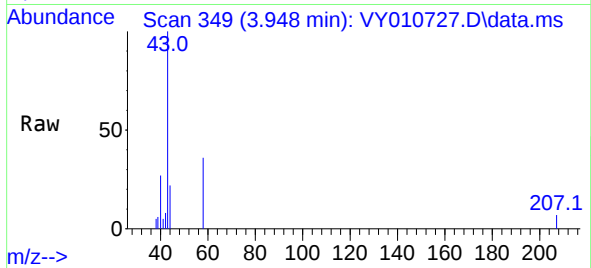




#16
Acetone
Concen: 7.815 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY010727.D
Acq: 29 Sep 2022 13:43

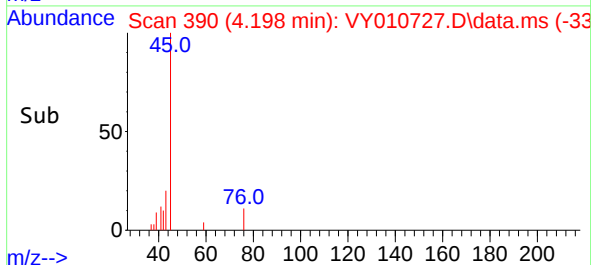
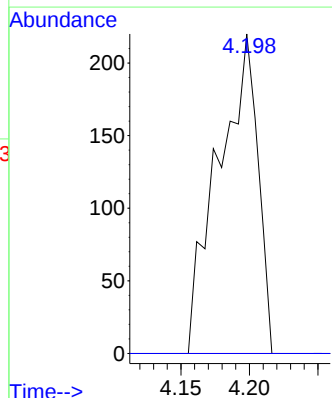
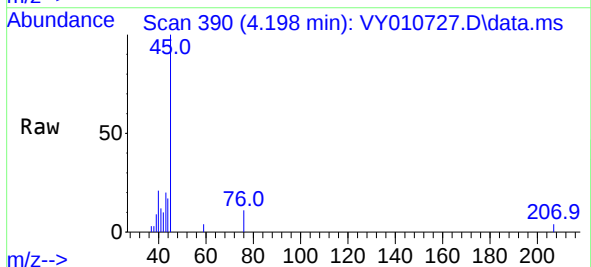
Instrument :
MSVOA_Y
ClientSampleId :
VY0929SBL01

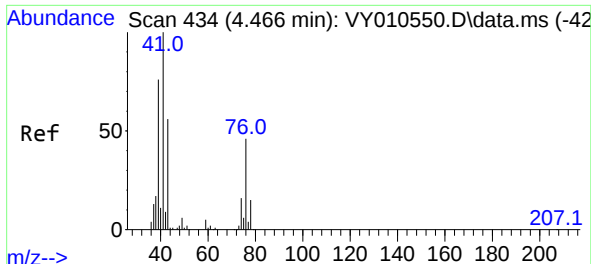
Tgt Ion: 43 Resp: 3589
Ion Ratio Lower Upper
43 100
58 36.0 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.198 min Scan# 390
Delta R.T. 0.018 min
Lab File: VY010727.D
Acq: 29 Sep 2022 13:43

Tgt Ion: 76 Resp: 440
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

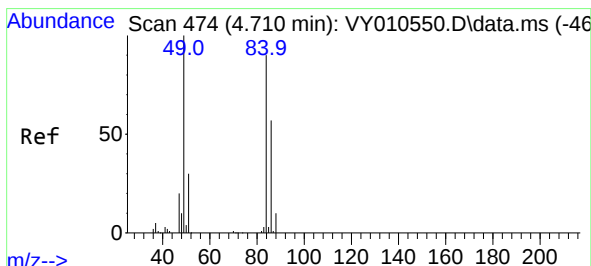
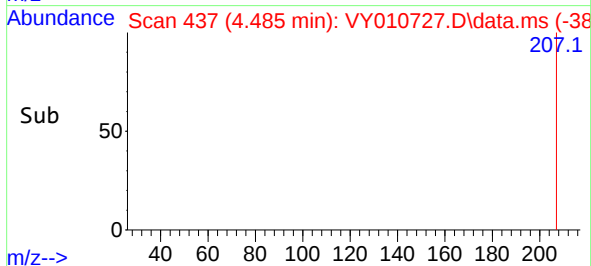
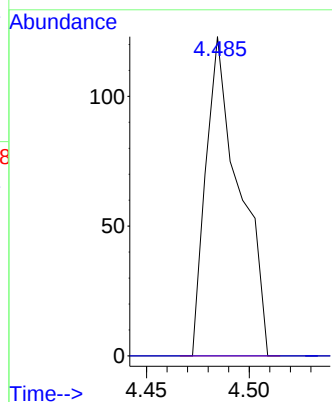
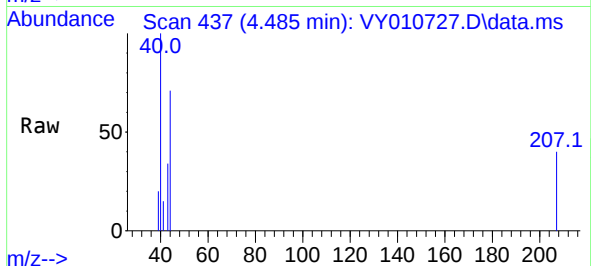




#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. 0.019 min
Lab File: VY010727.D
Acq: 29 Sep 2022 13:43

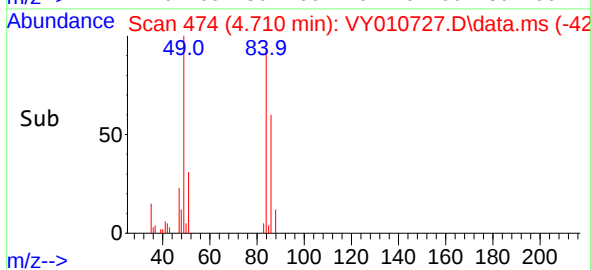
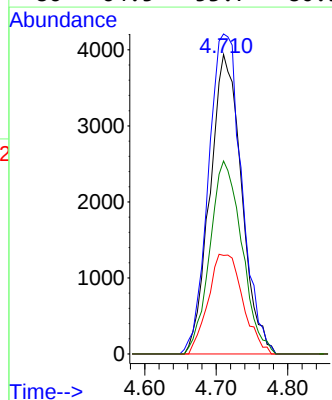
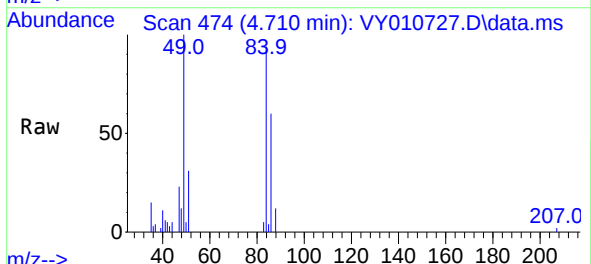
Instrument :
MSVOA_Y
ClientSampleId :
VY0929SBL01

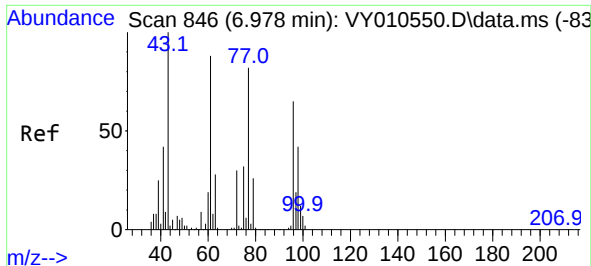
Tgt Ion: 43 Resp: 139
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010727.D
Acq: 29 Sep 2022 13:43

Tgt Ion: 84 Resp: 12082
Ion Ratio Lower Upper
84 100
49 106.9 114.4 171.6#
51 32.9 35.3 52.9#
86 64.5 53.7 80.5





#25

2-Butanone

Concen: 6.781 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010727.D

Acq: 29 Sep 2022 13:43

Instrument :

MSVOA_Y

ClientSampleId :

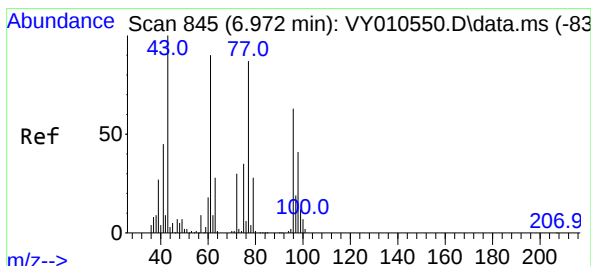
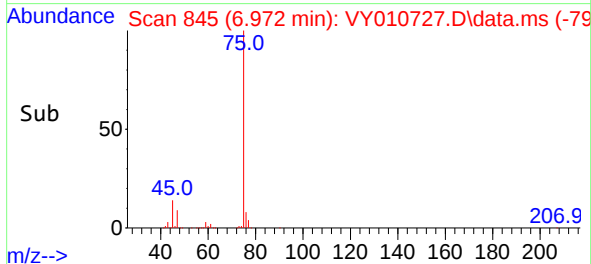
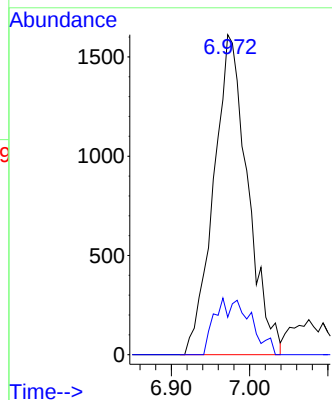
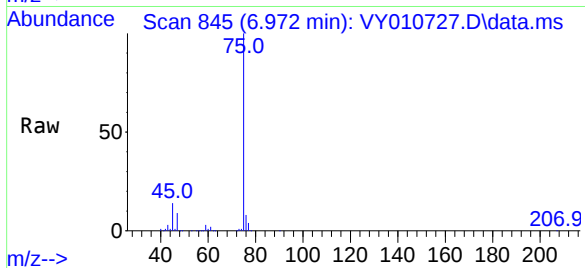
VY0929SBL01

Tgt Ion: 43 Resp: 4871

Ion Ratio Lower Upper

43 100

72 11.7 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 1.959 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY010727.D

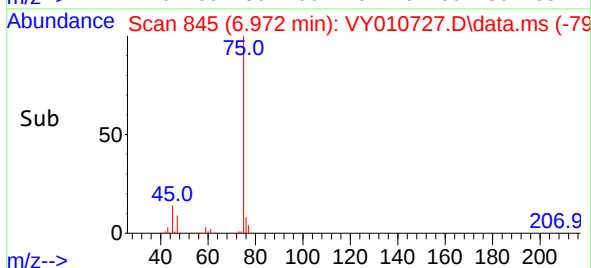
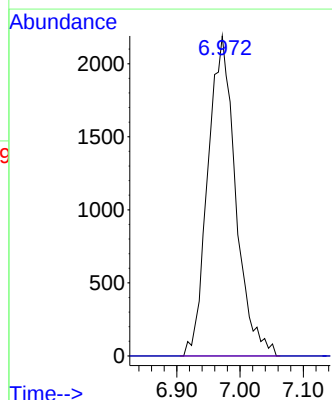
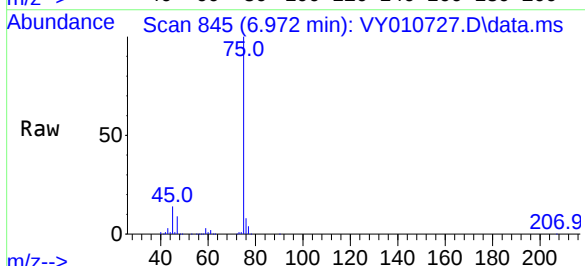
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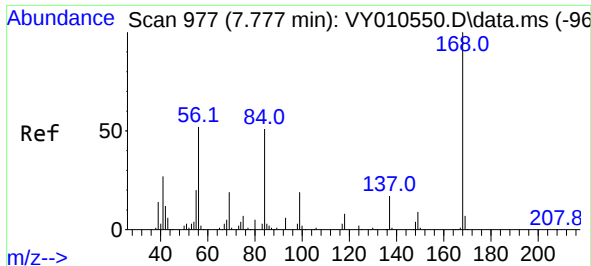
Tgt Ion: 77 Resp: 6689

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#

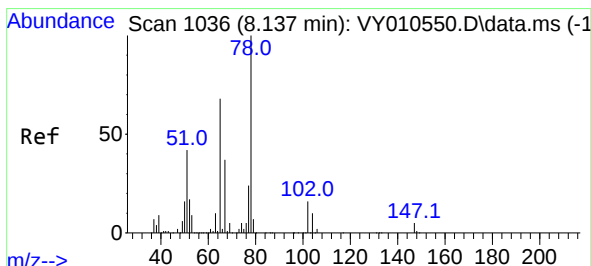
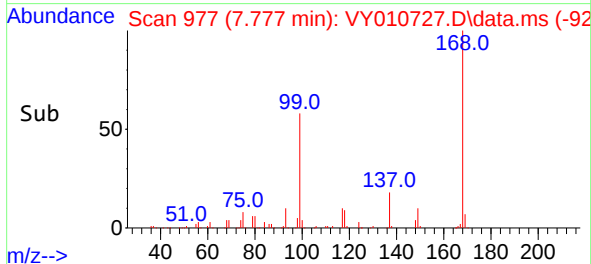
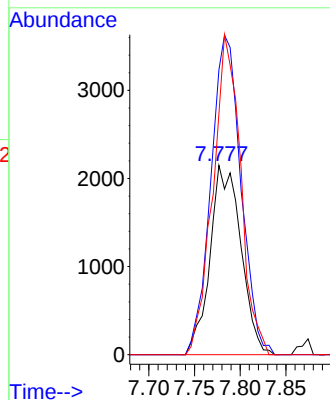
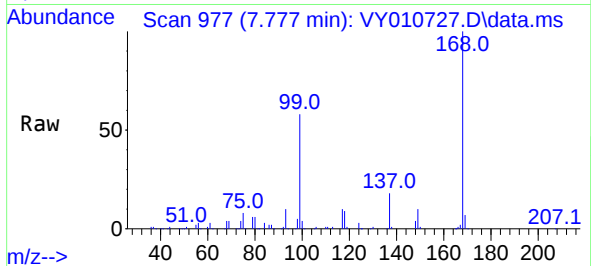




#31
Cyclohexane
Concen: Below Cal
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010727.D
Acq: 29 Sep 2022 13:43

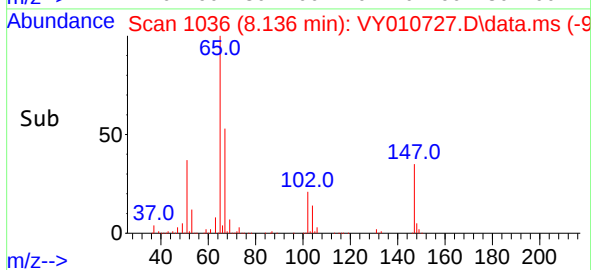
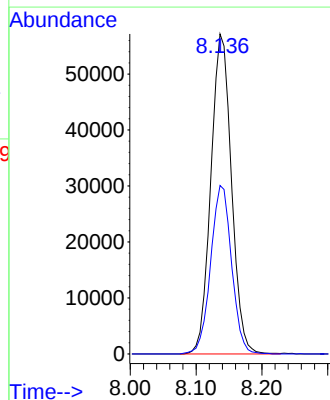
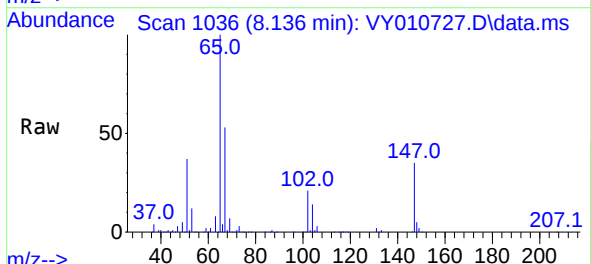
Instrument :
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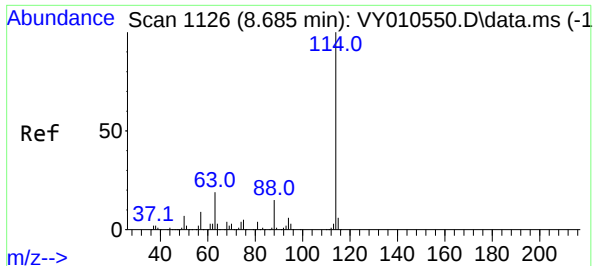
Tgt Ion: 56 Resp: 5044
Ion Ratio Lower Upper
56 100
69 150.5 26.7 40.1#
84 127.4 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 55.311 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010727.D
Acq: 29 Sep 2022 13:43

Tgt Ion: 65 Resp: 124566
Ion Ratio Lower Upper
65 100
67 53.5 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: VY010727.D

Acq: 29 Sep 2022 13:43

Instrument :

MSVOA_Y

ClientSampleId :

VY0929SBL01

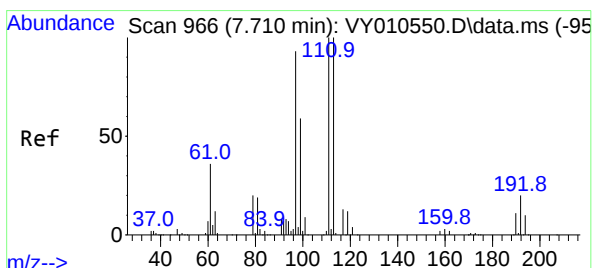
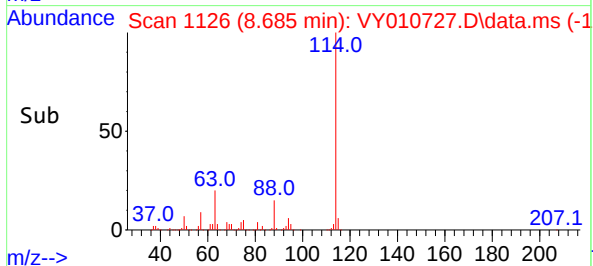
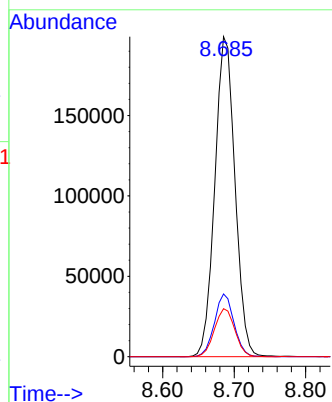
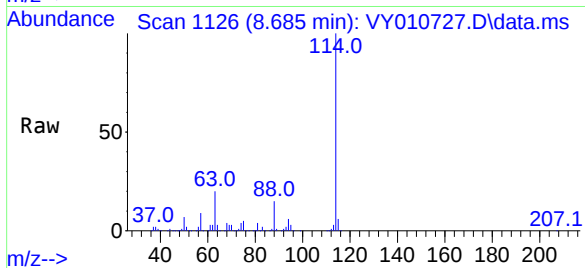
Tgt Ion:114 Resp: 389494

Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.223 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010727.D

Acq: 29 Sep 2022 13:43

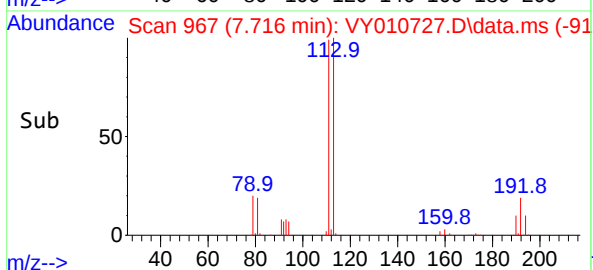
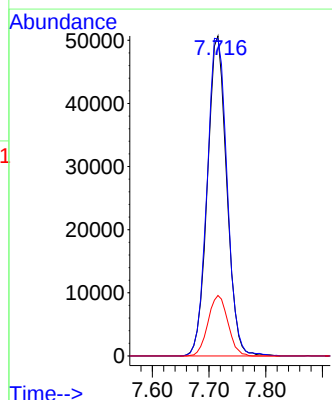
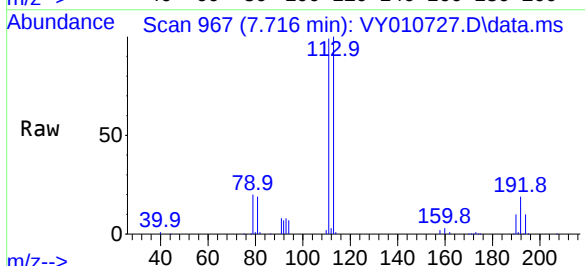
Tgt Ion:113 Resp: 119871

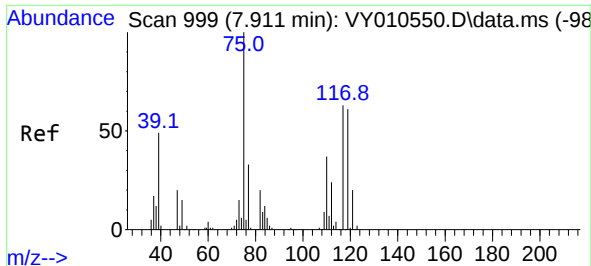
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 19.5 17.6 26.4

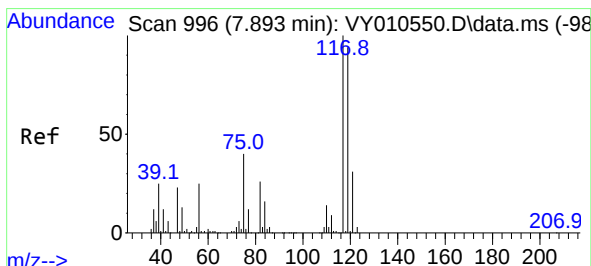
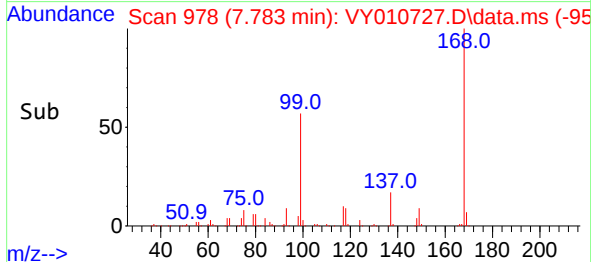
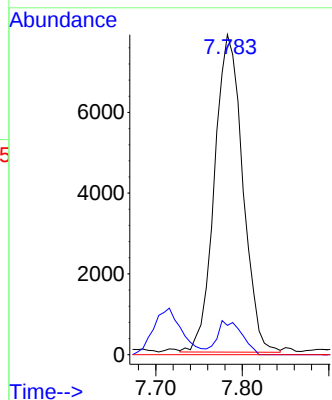
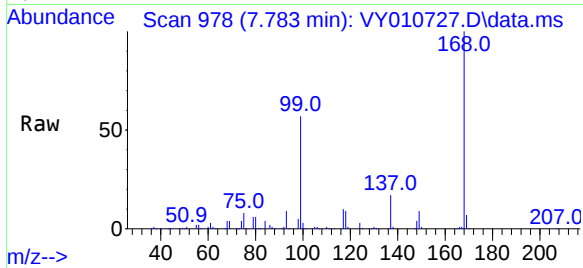




#36
1,1-Dichloropropene
Concen: 6.438 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY010727.D
Acq: 29 Sep 2022 13:43

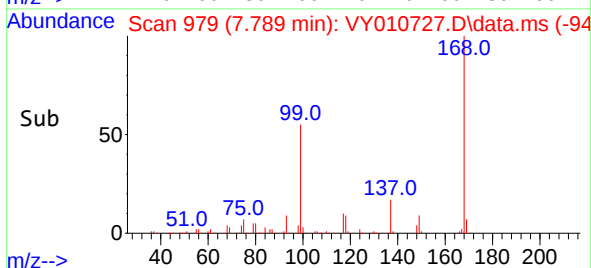
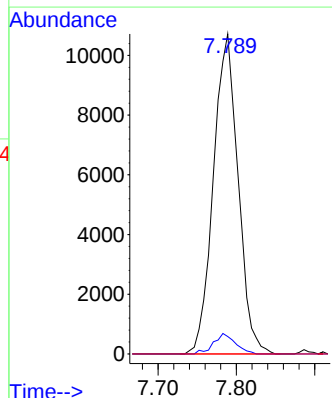
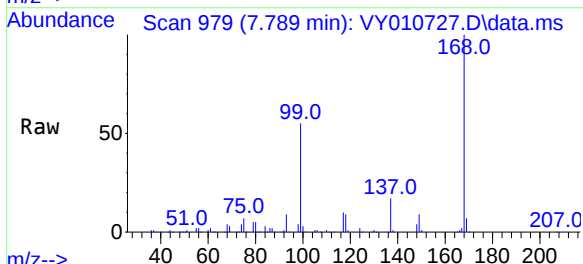
Instrument :
MSVOA_Y
ClientSampleId :
VY0929SBL01

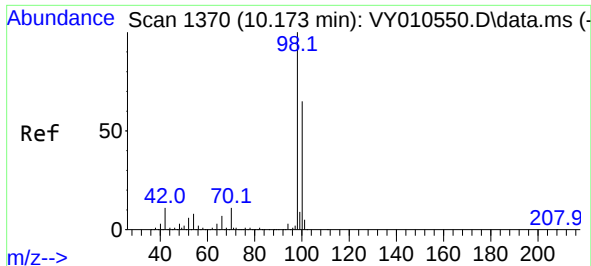
Tgt Ion:	75	Resp:	17831
Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.1	51.2#
77	0.0	24.4	36.6#



#38
Carbon Tetrachloride
Concen: 7.385 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.104 min
Lab File: VY010727.D
Acq: 29 Sep 2022 13:43

Tgt Ion:	117	Resp:	23517
Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.9	116.9#
121	0.0	24.8	37.2#

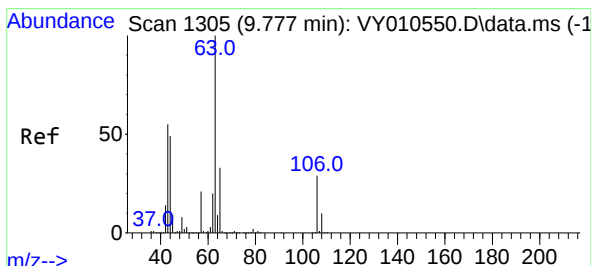
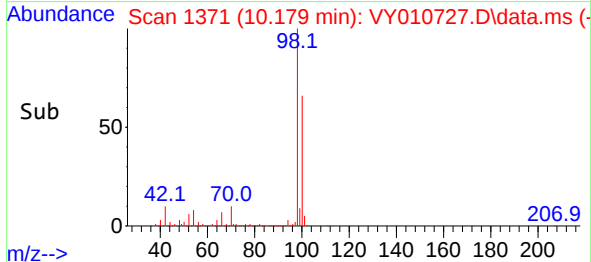
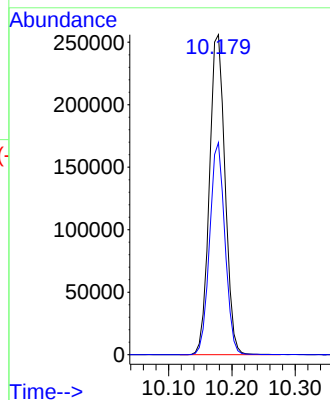
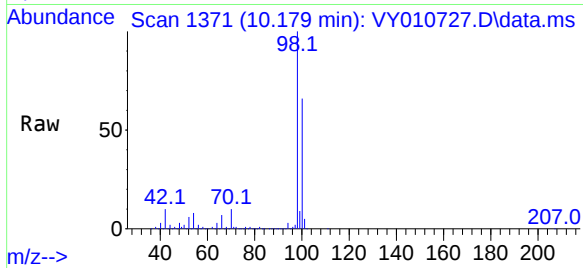




#50
Toluene-d8
Concen: 48.021 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010727.D
Acq: 29 Sep 2022 13:43

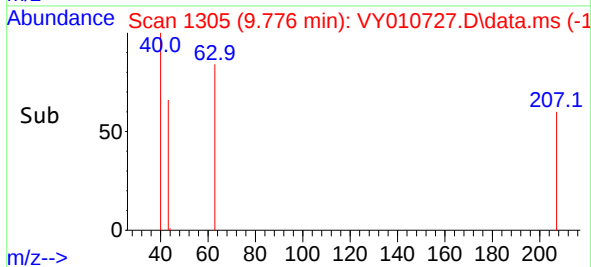
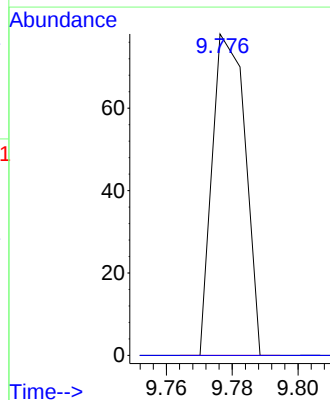
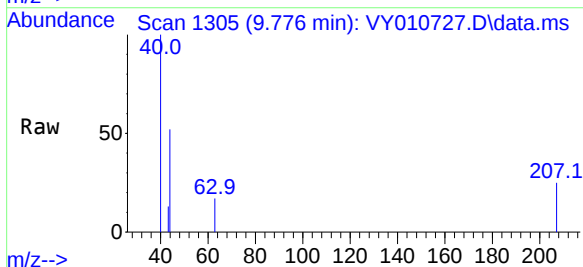
Instrument :
MSVOA_Y
ClientSampleId :
VY0929SBL01

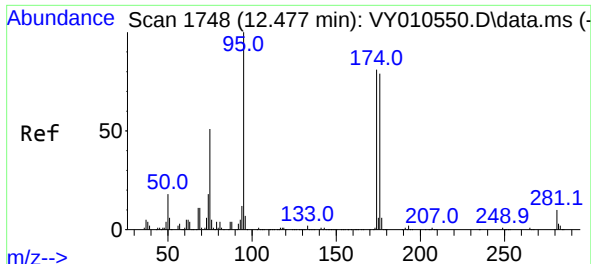
Tgt Ion: 98 Resp: 439945
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#58
2-Chloroethyl Vinyl ether
Concen: 20.513 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.001 min
Lab File: VY010727.D
Acq: 29 Sep 2022 13:43

Tgt Ion: 63 Resp: 54
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#

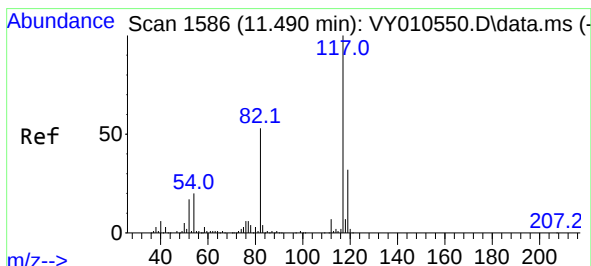
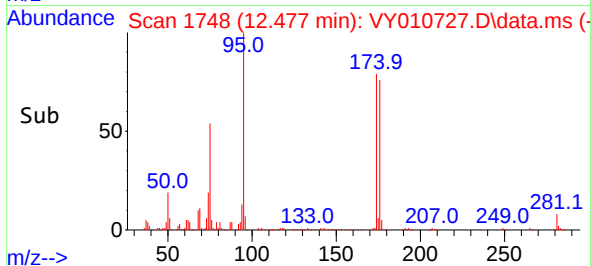
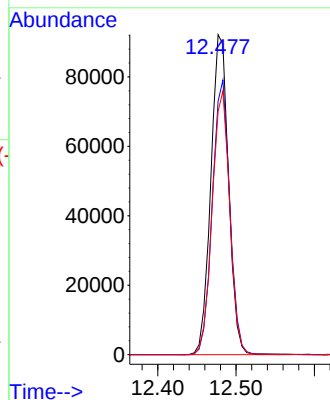
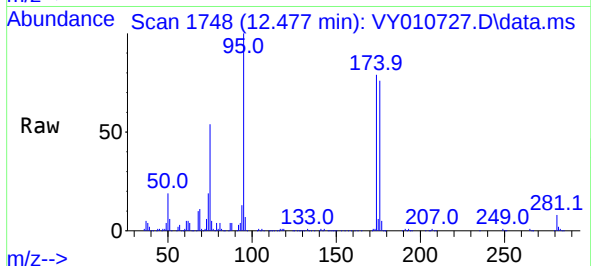




#62
4-Bromofluorobenzene
Concen: 41.919 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010727.D
Acq: 29 Sep 2022 13:43

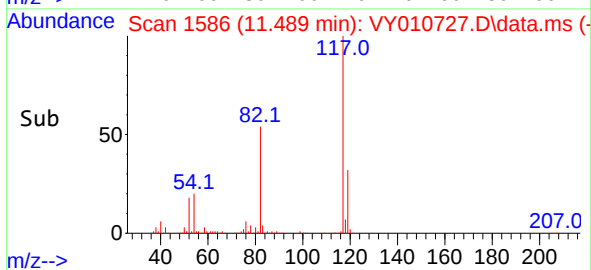
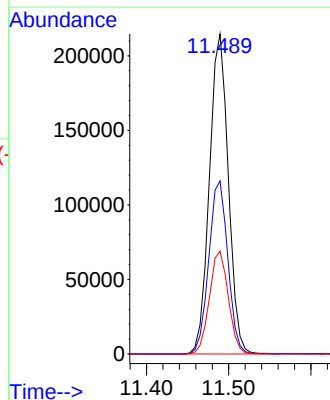
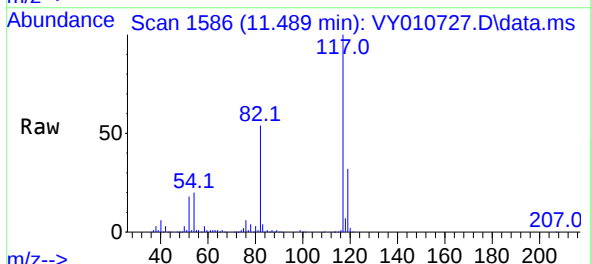
Instrument :
MSVOA_Y
ClientSampleId :
VY0929SBL01

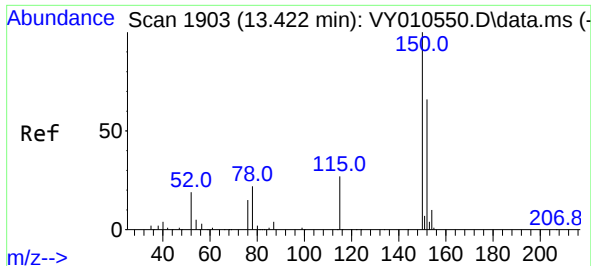
Tgt Ion: 95 Resp: 144409
Ion Ratio Lower Upper
95 100
174 84.5 0.0 177.0
176 81.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010727.D
Acq: 29 Sep 2022 13:43

Tgt Ion: 117 Resp: 342751
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 32.1 25.4 38.0

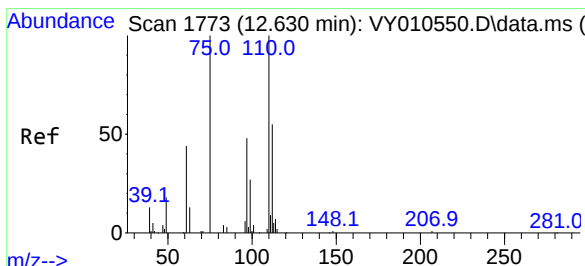
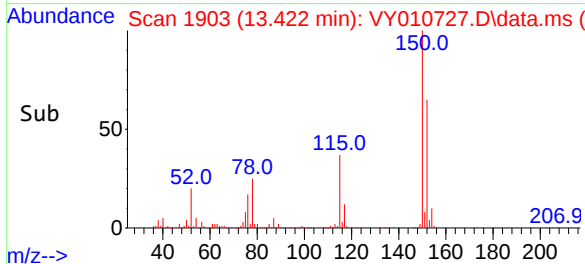
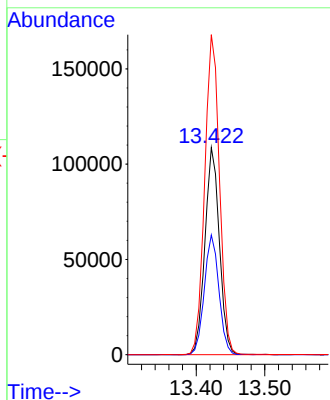
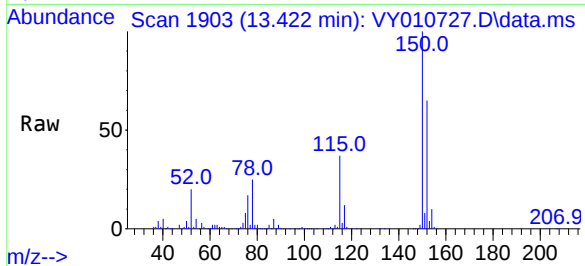




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010727.D
Acq: 29 Sep 2022 13:43

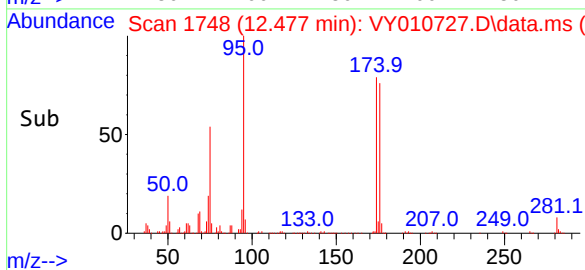
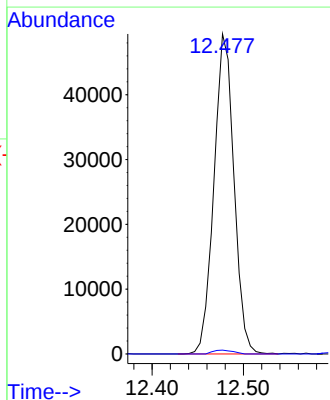
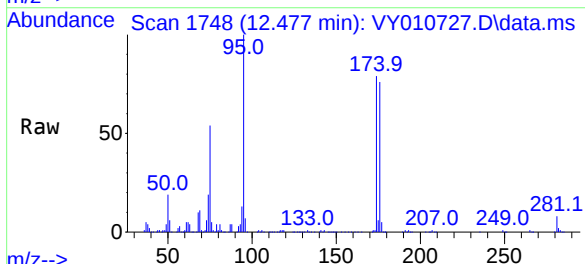
Instrument :
MSVOA_Y
ClientSampleId :
VY0929SBL01

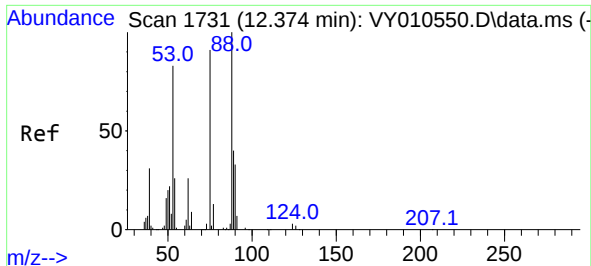
Tgt Ion:152 Resp: 159767
Ion Ratio Lower Upper
152 100
115 58.2 28.2 84.7
150 158.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 49.269 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010727.D
Acq: 29 Sep 2022 13:43

Tgt Ion: 75 Resp: 75129
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.547 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY010727.D
 Acq: 29 Sep 2022 13:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0929SBL01

Tgt Ion: 75 Resp: 75129
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.2 37.0 55.4#

