

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091622\
 Data File : VY010525.D
 Acq On : 16 Sep 2022 11:02
 Operator : KP/MD
 Sample : VY0916SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0916SBL01

Quant Time: Sep 17 00:27:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

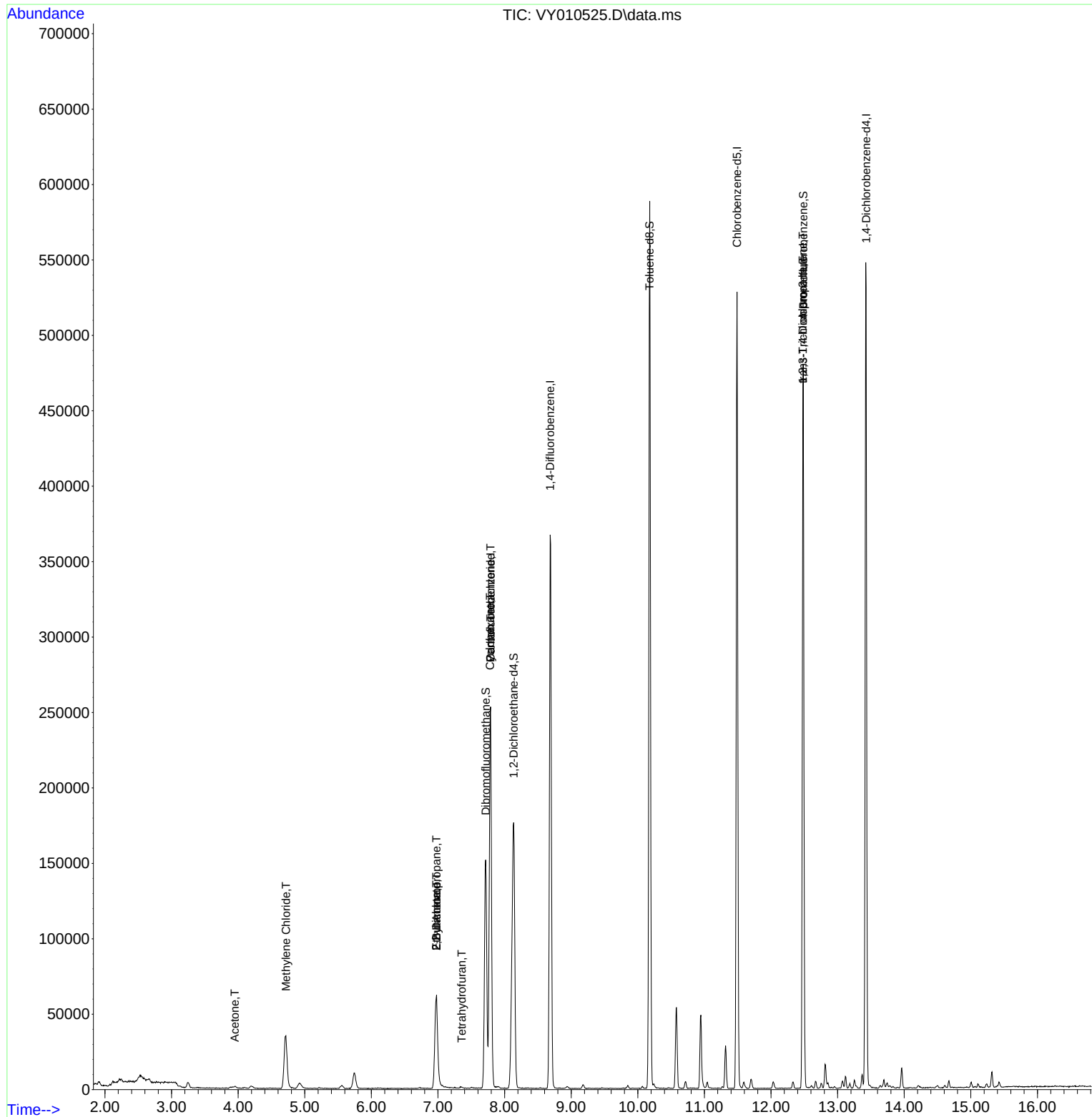
Internal Standards						
1) Pentafluorobenzene	7.789	168	200839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	324423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	287096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	111020	54.885	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.760%	
35) Dibromofluoromethane	7.716	113	108819	47.229	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.460%	
50) Toluene-d8	10.179	98	380885	51.007	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.020%	
62) 4-Bromofluorobenzene	12.483	95	134180	44.677	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.360%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	1839	Below Cal		91
11) Tert butyl alcohol	4.923	59	3995	Below Cal	#	77
16) Acetone	3.948	43	2387	5.142	ug/l #	86
20) Methylene Chloride	4.716	84	27484	6.210	ug/l #	83
25) 2-Butanone	6.978	43	3873	5.250	ug/l	97
26) 2,2-Dichloropropane	6.978	77	4772	1.327	ug/l #	55
29) Tetrahydrofuran	7.356	42	537	1.166	ug/l #	65
31) Cyclohexane	7.783	56	4507	1.319	ug/l #	1
37) Ethyl Acetate	6.978	43	3873	2.336	ug/l #	1
38) Carbon Tetrachloride	7.789	117	19908	5.673	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.795	63	122	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.477	75	69351	44.022	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	69351	97.745	ug/l #	7

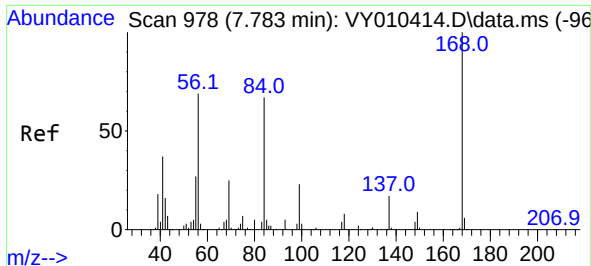
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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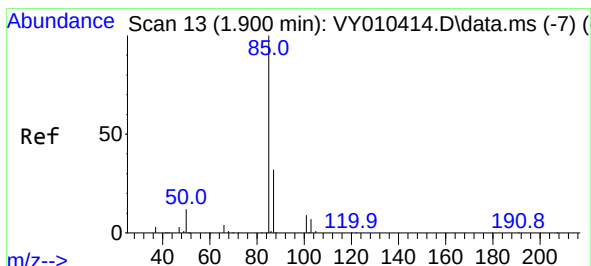
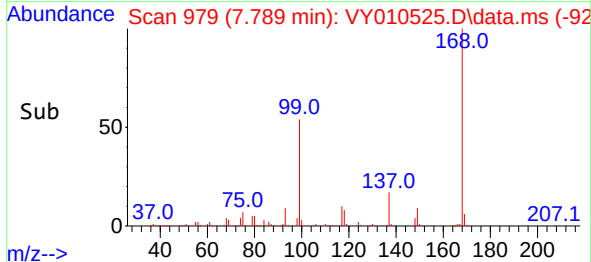
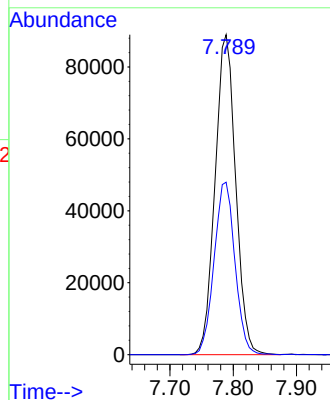
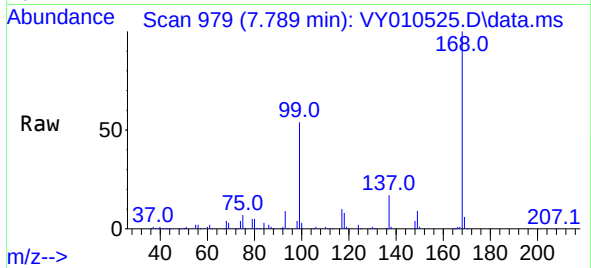




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010525.D
Acq: 16 Sep 2022 11:02

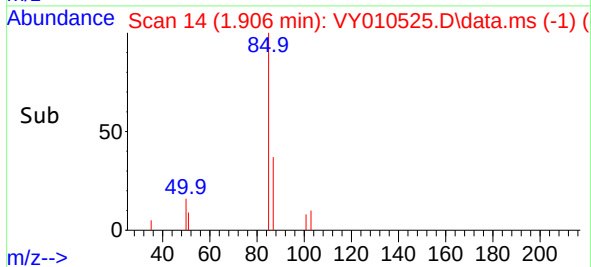
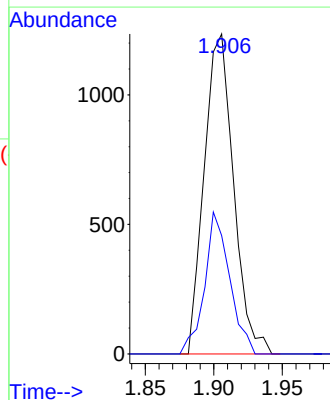
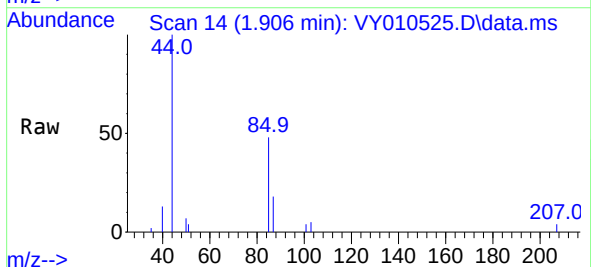
Instrument :
MSVOA_Y
ClientSampleId :
VY0916SBL01

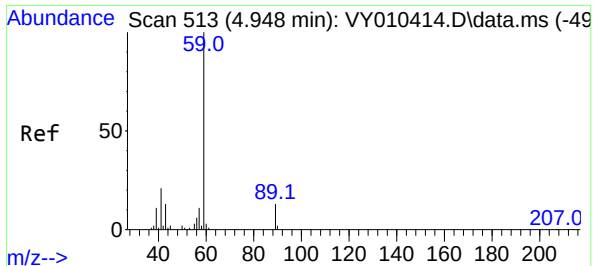
Tgt Ion:168 Resp: 200839
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY010525.D
Acq: 16 Sep 2022 11:02

Tgt Ion: 85 Resp: 1839
Ion Ratio Lower Upper
85 100
87 37.0 16.1 48.2





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.923 min Scan# 509

Delta R.T. -0.025 min

Lab File: VY010525.D

Acq: 16 Sep 2022 11:02

Instrument :

MSVOA_Y

ClientSampleId :

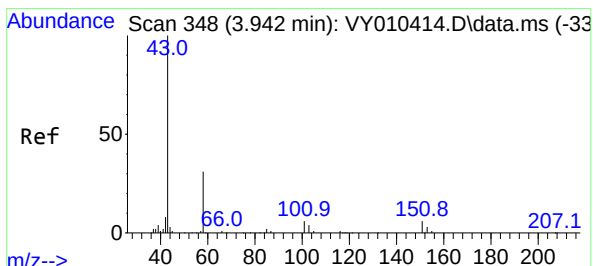
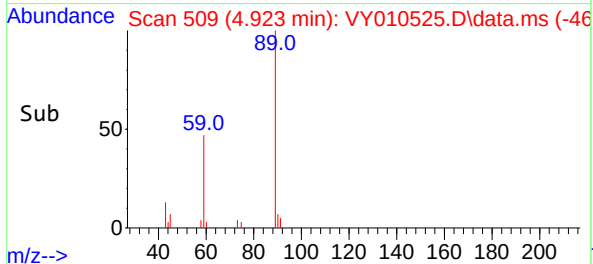
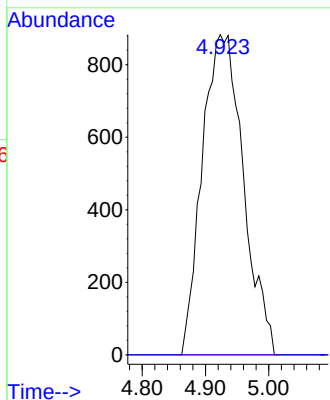
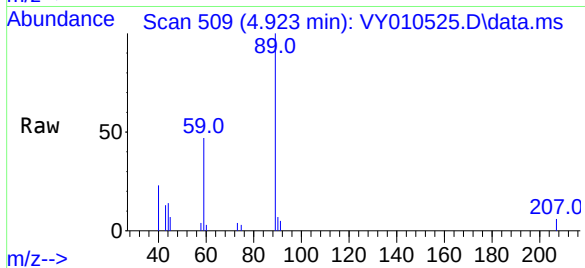
VY0916SBL01

Tgt Ion: 59 Resp: 3995

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 5.142 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY010525.D

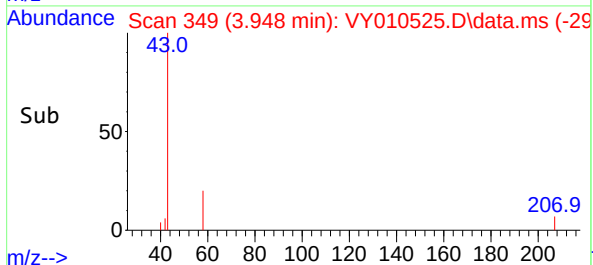
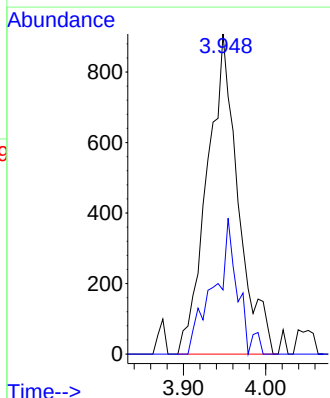
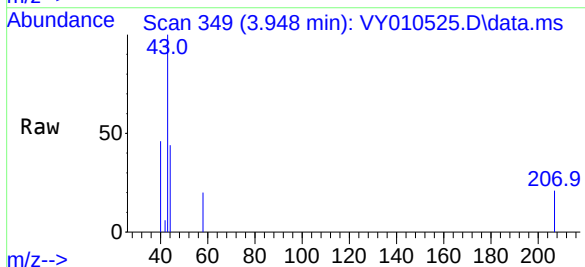
Acq: 16 Sep 2022 11:02

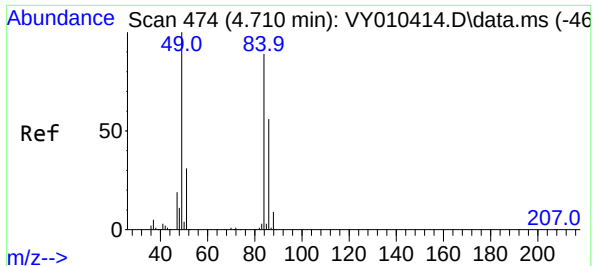
Tgt Ion: 43 Resp: 2387

Ion Ratio Lower Upper

43 100

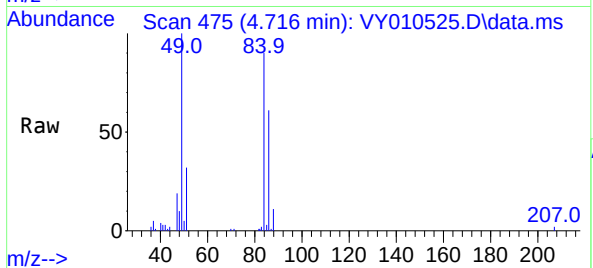
58 20.0 22.0 33.0#





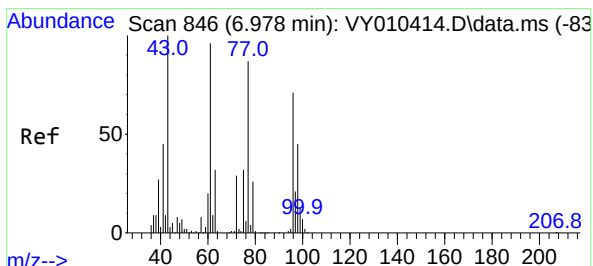
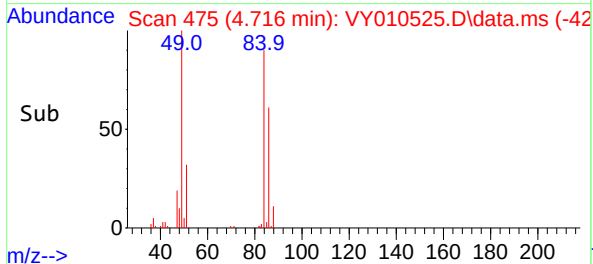
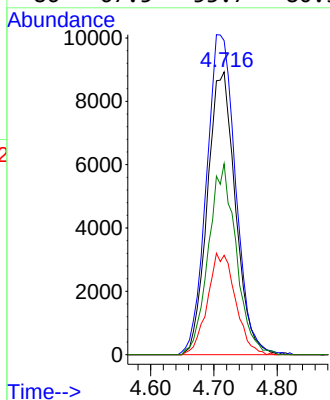
#20
Methylene Chloride
Concen: 6.210 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010525.D
Acq: 16 Sep 2022 11:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0916SBL01



Tgt Ion: 84 Resp: 27484

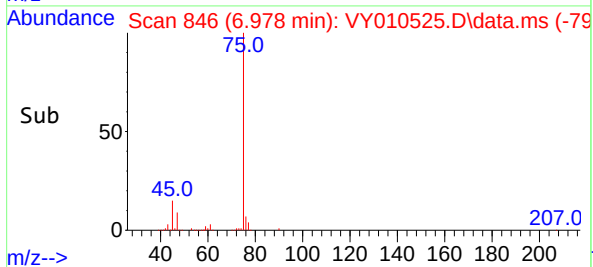
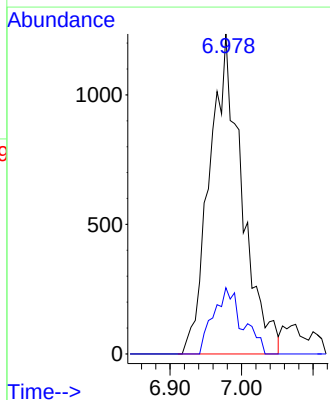
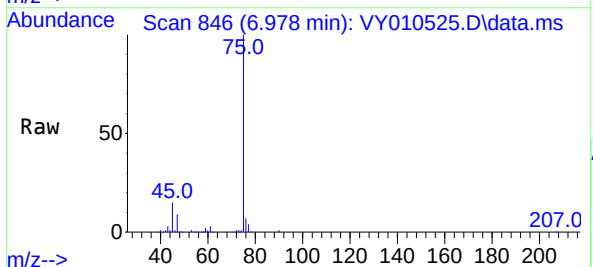
Ion	Ratio	Lower	Upper
84	100		
49	111.1	114.4	171.6#
51	35.1	35.3	52.9#
86	67.5	53.7	80.5

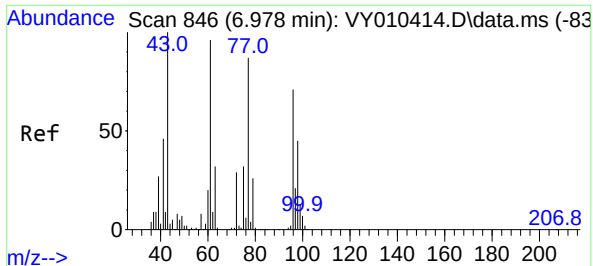


#25
2-Butanone
Concen: 5.250 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY010525.D
Acq: 16 Sep 2022 11:02

Tgt Ion: 43 Resp: 3873

Ion	Ratio	Lower	Upper
43	100		
72	20.7	17.7	26.5





#26

2,2-Dichloropropane

Concen: 1.327 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.000 min

Lab File: VY010525.D

Acq: 16 Sep 2022 11:02

Instrument :

MSVOA_Y

ClientSampleId :

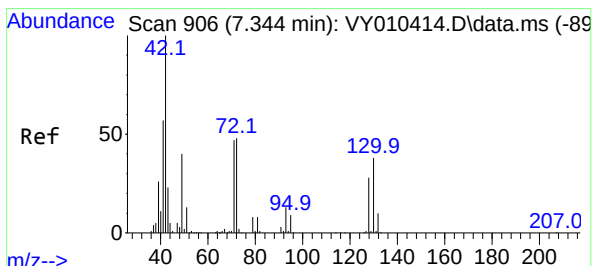
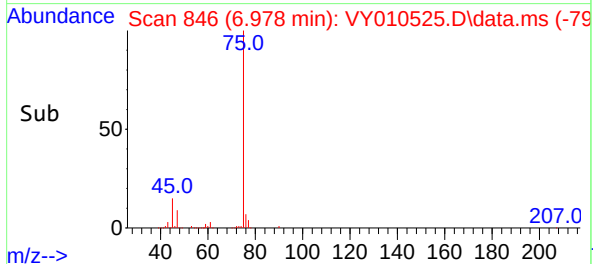
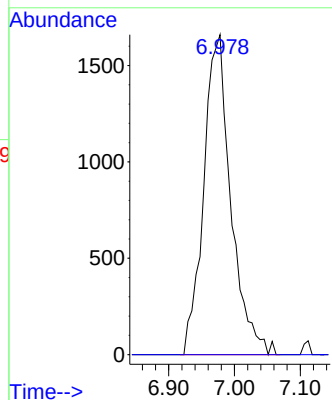
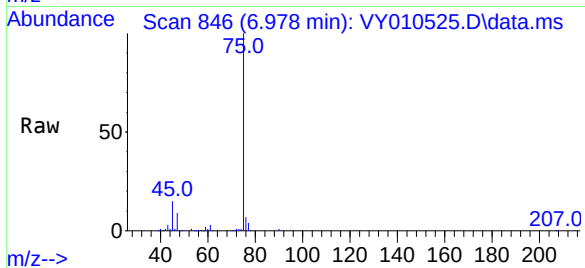
VY0916SBL01

Tgt Ion: 77 Resp: 4772

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#29

Tetrahydrofuran

Concen: 1.166 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.012 min

Lab File: VY010525.D

Acq: 16 Sep 2022 11:02

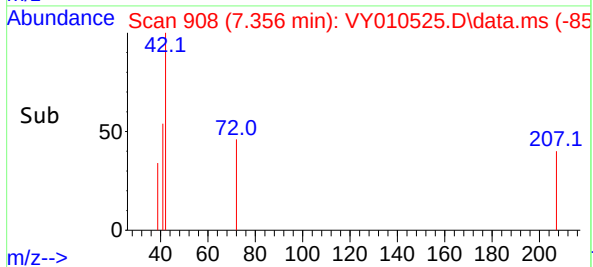
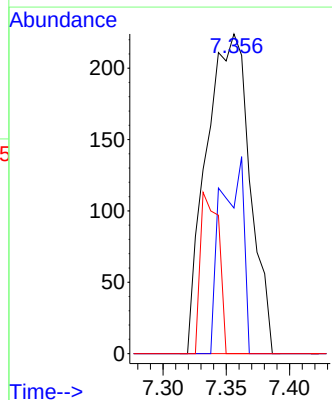
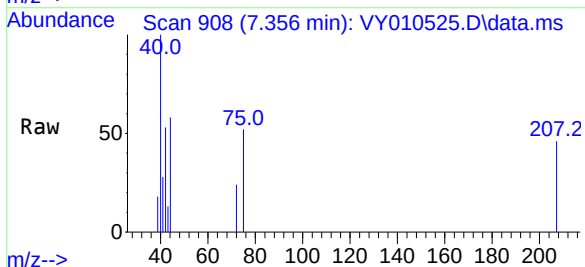
Tgt Ion: 42 Resp: 537

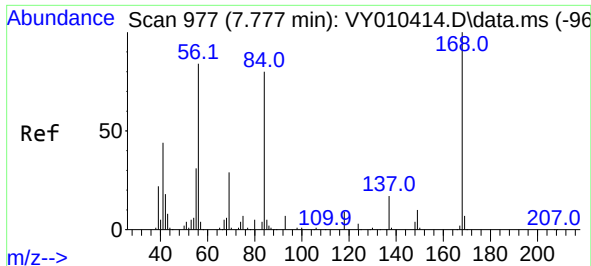
Ion Ratio Lower Upper

42 100

72 31.7 30.3 45.5

71 0.0 29.0 43.4#

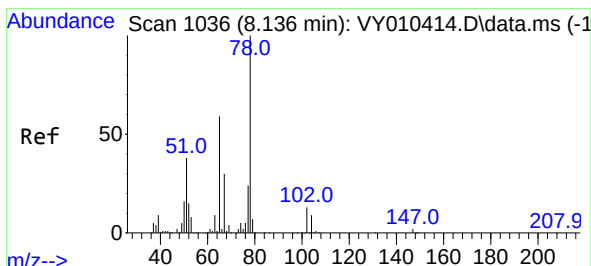
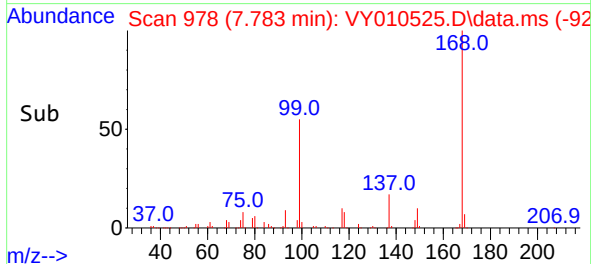
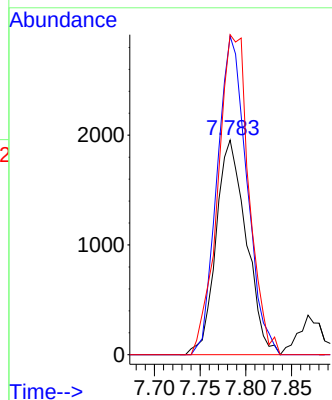
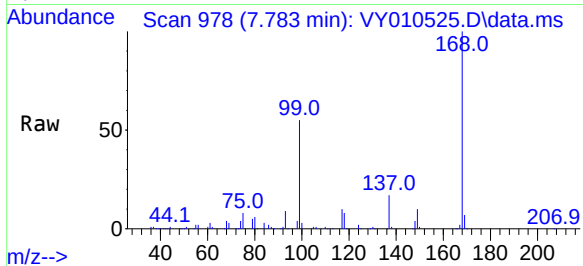




#31
Cyclohexane
Concen: 1.319 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010525.D
Acq: 16 Sep 2022 11:02

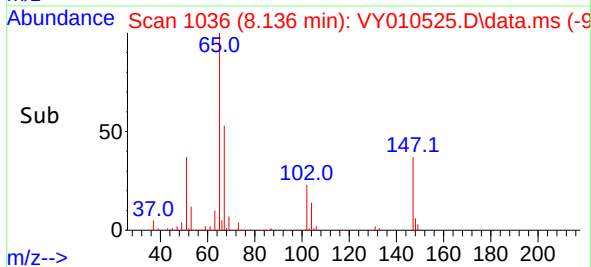
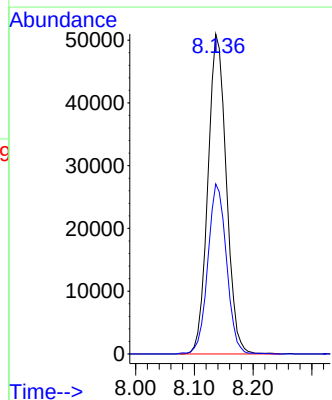
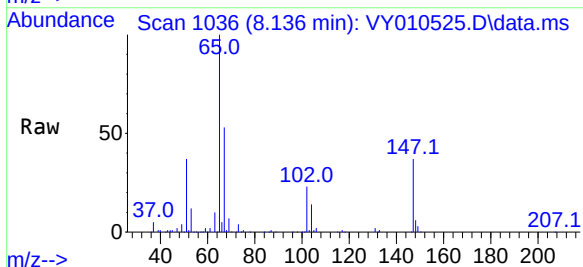
Instrument :
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VY0916SBL01

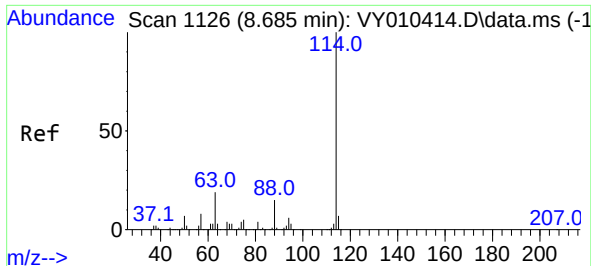
Tgt Ion: 56 Resp: 4507
Ion Ratio Lower Upper
56 100
69 148.3 26.7 40.1#
84 149.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 54.885 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010525.D
Acq: 16 Sep 2022 11:02

Tgt Ion: 65 Resp: 111020
Ion Ratio Lower Upper
65 100
67 53.9 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: VY010525.D

Acq: 16 Sep 2022 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0916SBL01

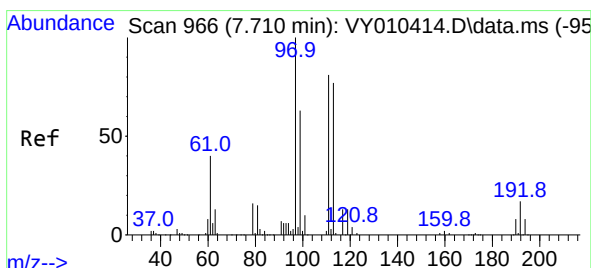
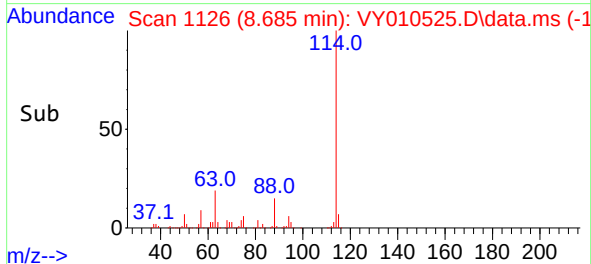
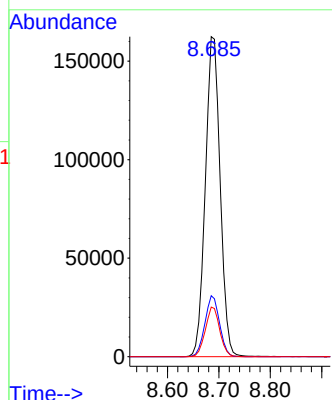
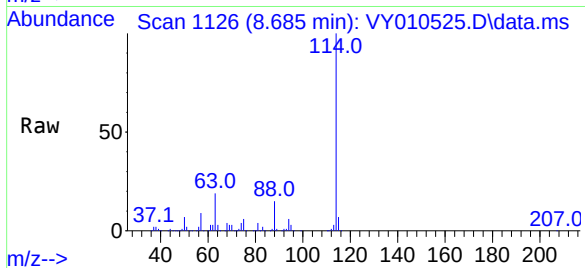
Tgt Ion:114 Resp: 324423

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 15.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.229 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010525.D

Acq: 16 Sep 2022 11:02

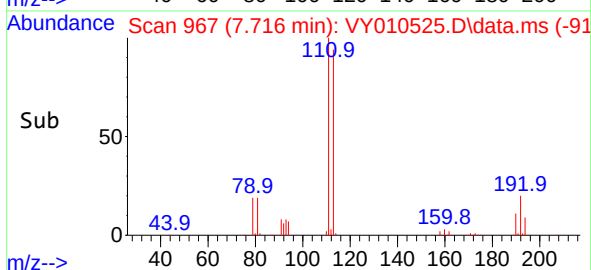
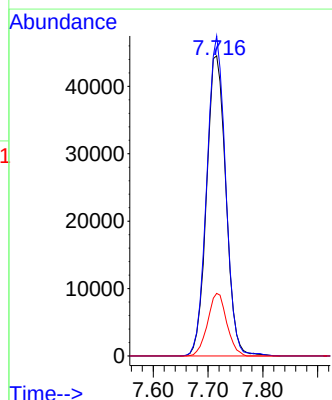
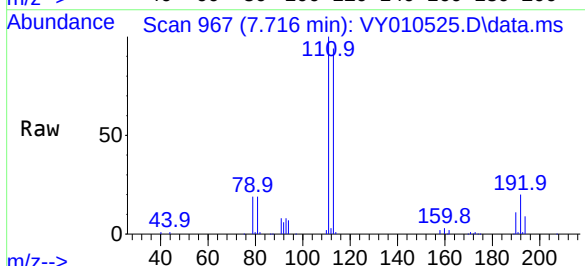
Tgt Ion:113 Resp: 108819

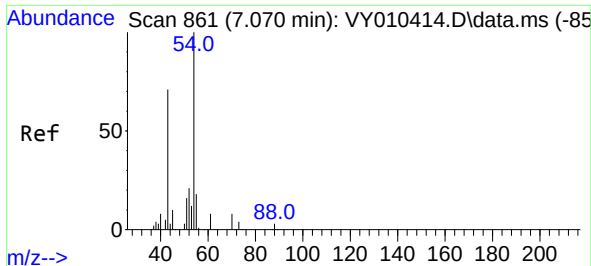
Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 20.7 17.6 26.4





#37

Ethyl Acetate

Concen: 2.336 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.092 min

Lab File: VY010525.D

Acq: 16 Sep 2022 11:02

Instrument :

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VY0916SBL01

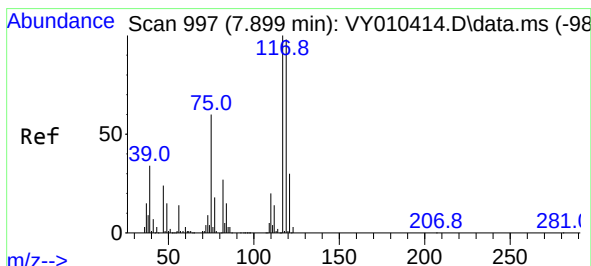
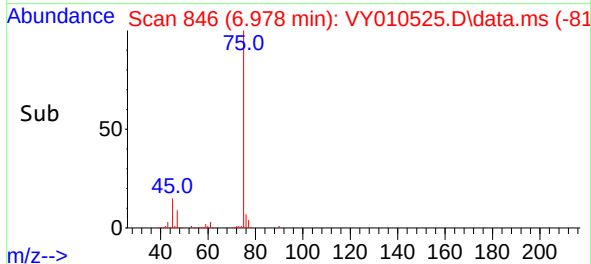
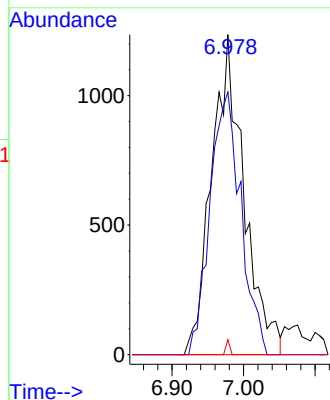
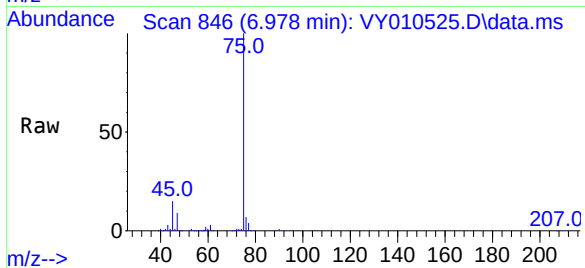
Tgt Ion: 43 Resp: 3873

Ion Ratio Lower Upper

43 100

61 78.2 9.7 14.5#

70 0.5 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 5.673 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY010525.D

Acq: 16 Sep 2022 11:02

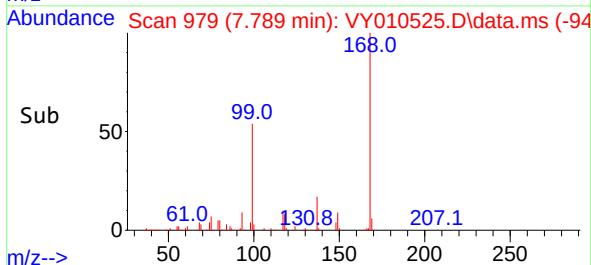
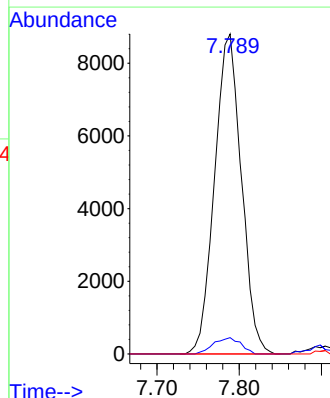
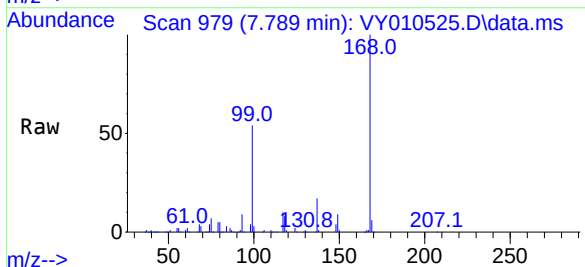
Tgt Ion: 117 Resp: 19908

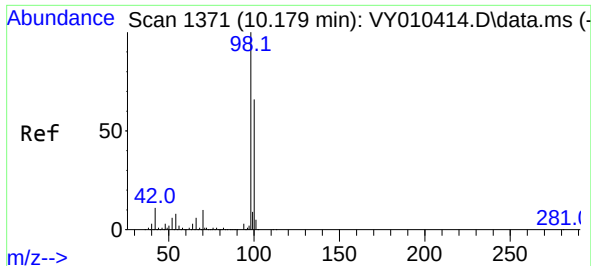
Ion Ratio Lower Upper

117 100

119 5.1 77.9 116.9#

121 0.0 24.8 37.2#

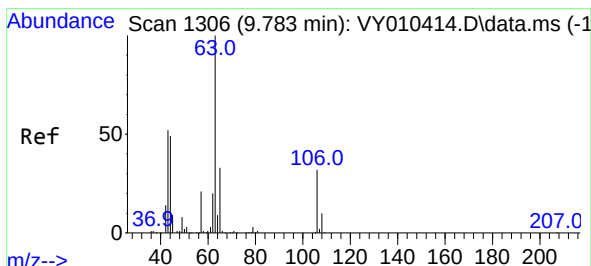
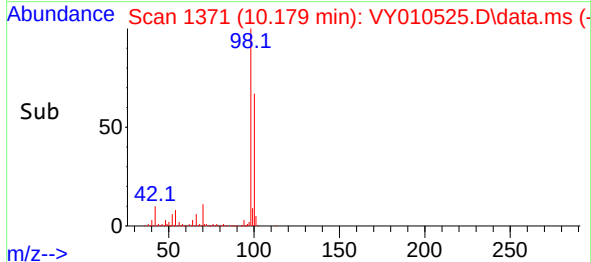
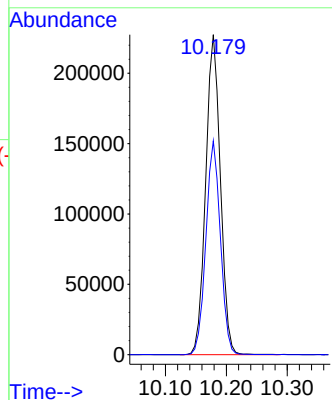
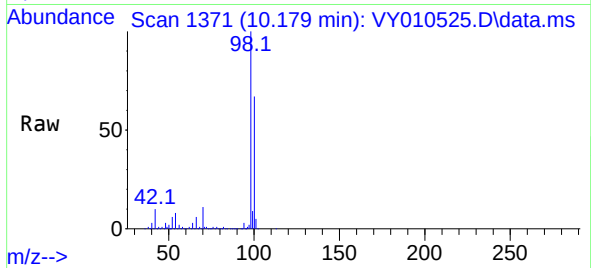




#50
Toluene-d8
Concen: 51.007 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010525.D
Acq: 16 Sep 2022 11:02

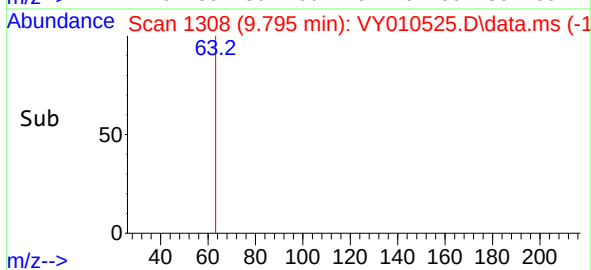
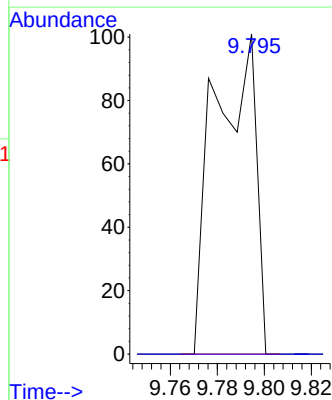
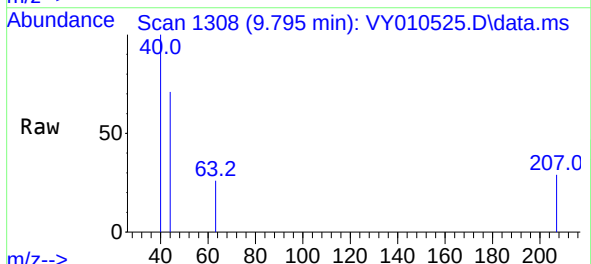
Instrument :
MSVOA_Y
ClientSampleId :
VY0916SBL01

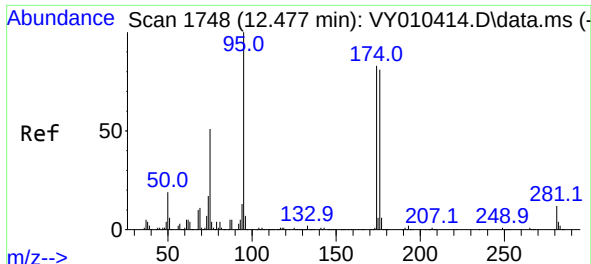
Tgt Ion: 98 Resp: 380885
Ion Ratio Lower Upper
98 100
100 66.1 50.2 75.2



#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.795 min Scan# 1308
Delta R.T. 0.012 min
Lab File: VY010525.D
Acq: 16 Sep 2022 11:02

Tgt Ion: 63 Resp: 122
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#

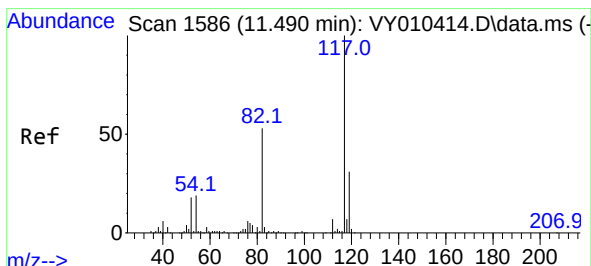
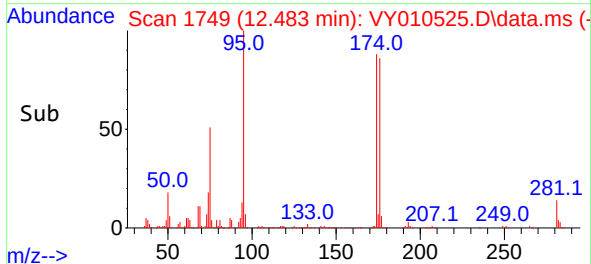
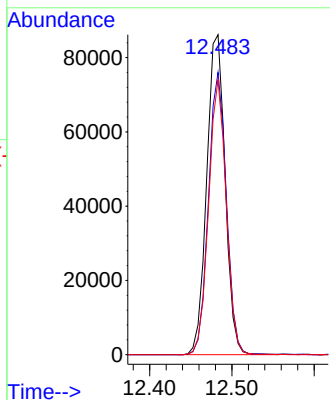
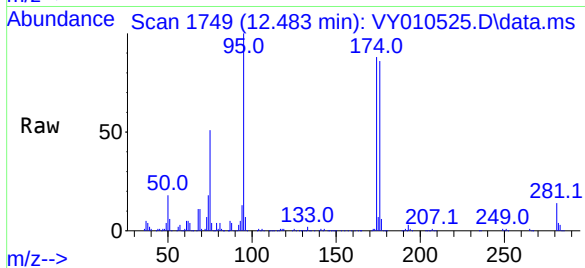




#62
4-Bromofluorobenzene
Concen: 44.677 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010525.D
Acq: 16 Sep 2022 11:02

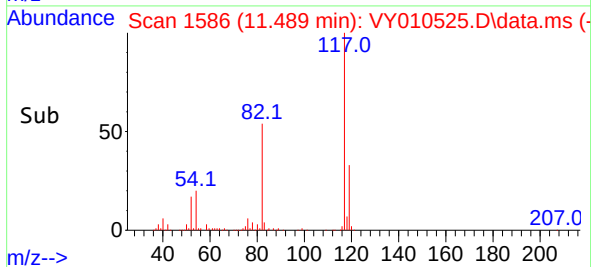
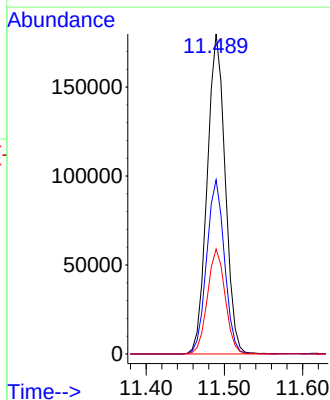
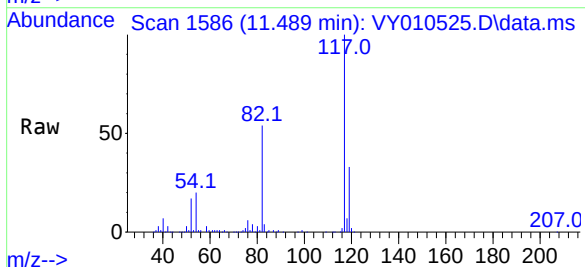
Instrument :
MSVOA_Y
ClientSampleId :
VY0916SBL01

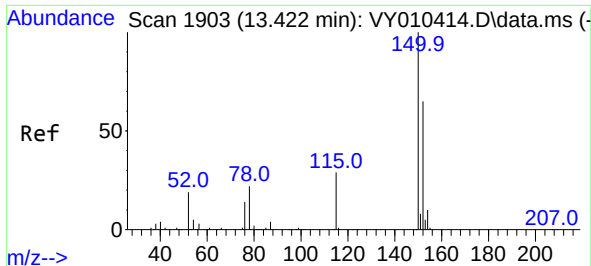
Tgt Ion: 95 Resp: 134180
Ion Ratio Lower Upper
95 100
174 85.6 0.0 177.0
176 82.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010525.D
Acq: 16 Sep 2022 11:02

Tgt Ion: 117 Resp: 287096
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 32.8 25.4 38.0

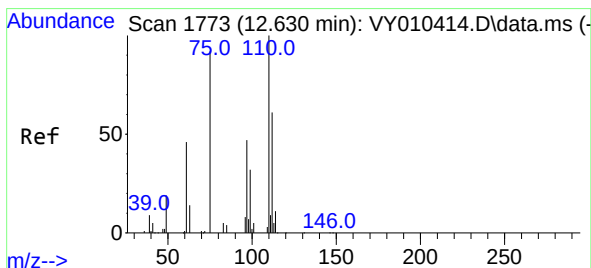
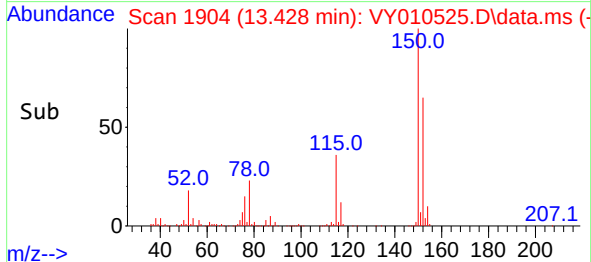
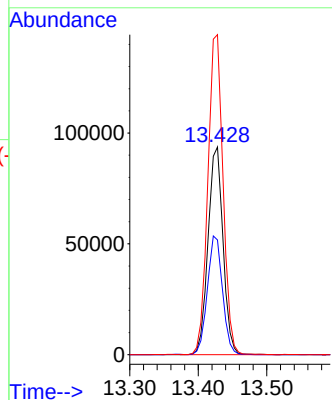
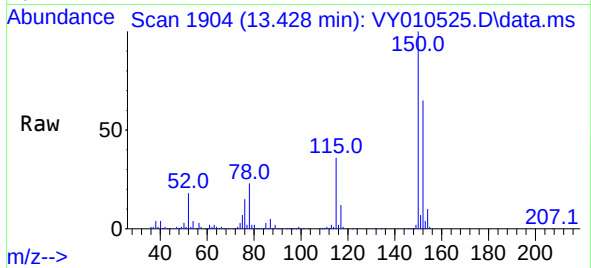




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY010525.D
Acq: 16 Sep 2022 11:02

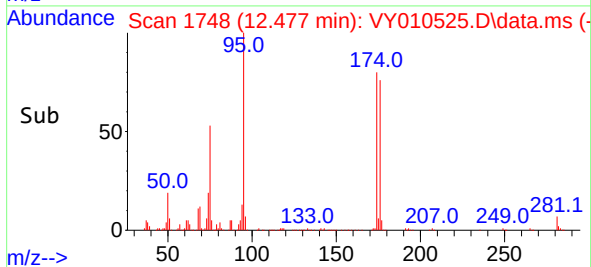
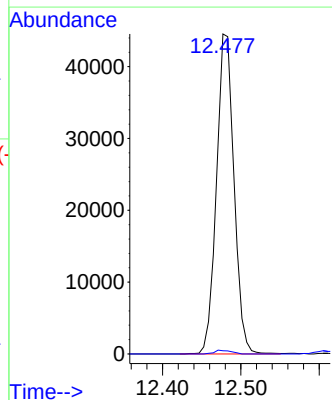
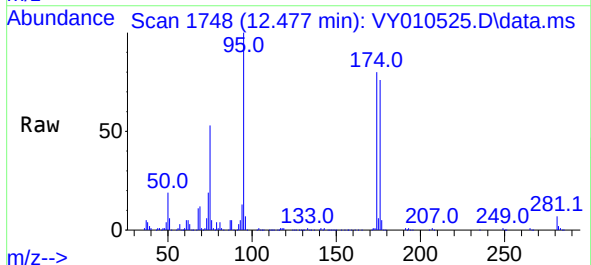
Instrument :
MSVOA_Y
ClientSampleId :
VY0916SBL01

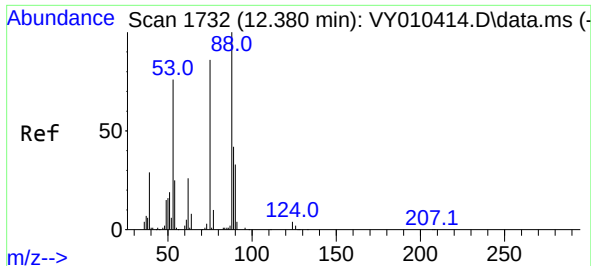
Tgt Ion:152 Resp: 142739
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.7
150 156.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 44.022 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010525.D
Acq: 16 Sep 2022 11:02

Tgt Ion: 75 Resp: 69351
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.745 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010525.D
 Acq: 16 Sep 2022 11:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0916SBL01

Tgt Ion: 75 Resp: 69351
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.2 37.0 55.4#

