

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010003.D
 Acq On : 14 Aug 2022 17:24
 Operator : KP/MD
 Sample : VY0814SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0814SBL01

Quant Time: Aug 15 00:39:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 2022
 Response via : Initial Calibration

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

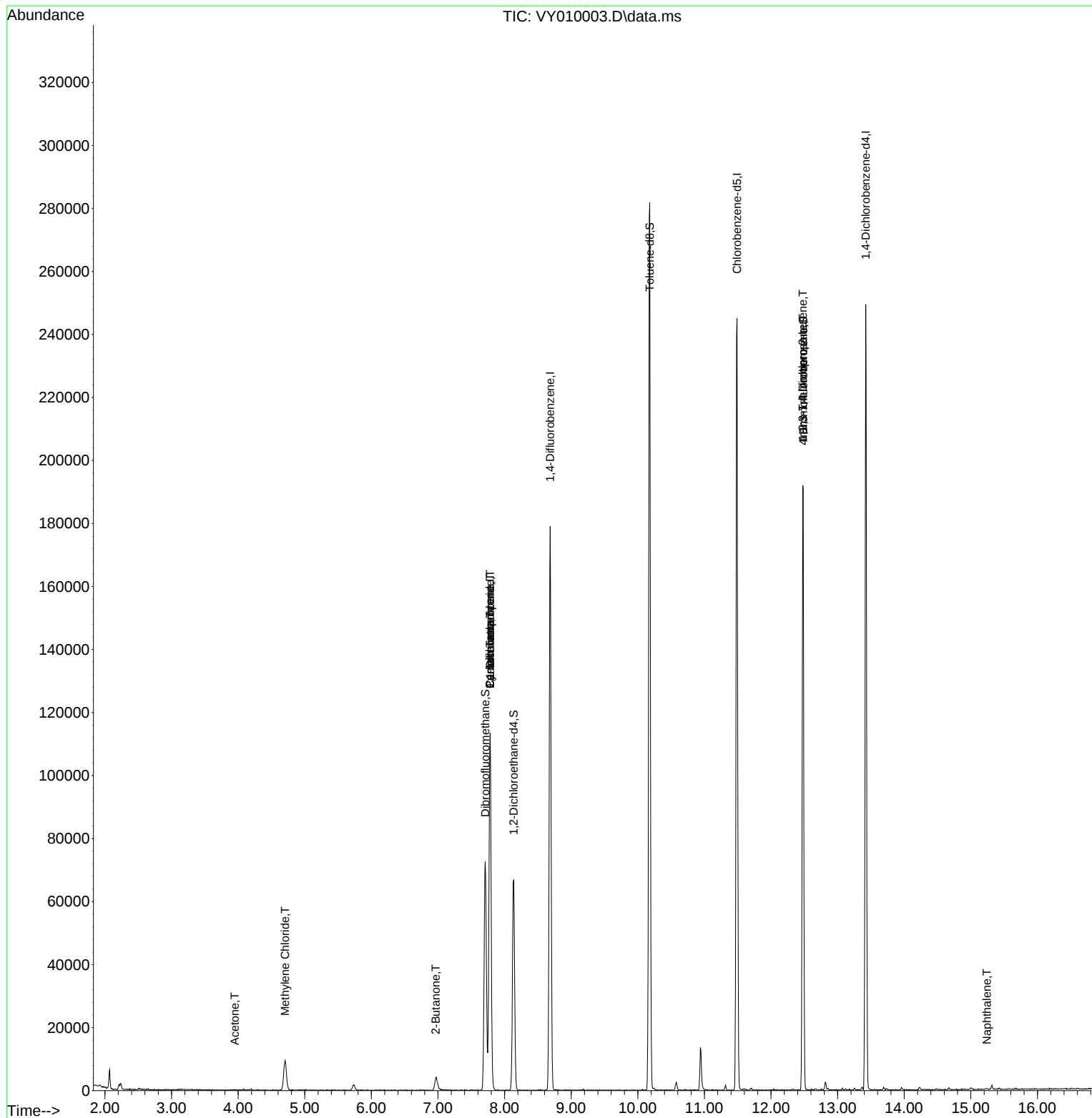
Internal Standards						
1) Pentafluorobenzene	7.783	168	87933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	159417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	143173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	64130	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51041	57.221	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.440%			
35) Dibromofluoromethane	7.710	113	53859	55.200	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.400%			
50) Toluene-d8	10.179	98	194470	52.018	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.040%			
62) 4-Bromofluorobenzene	12.483	95	64360	46.987	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.980%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.650	94	21	Below Cal	#	34
11) Tert butyl alcohol	4.960	59	20	Below Cal	#	78
16) Acetone	3.948	43	395	1.844	ug/l #	45
18) Methyl Acetate	4.198	43	23	Below Cal	#	52
20) Methylene Chloride	4.704	84	8065	1.373	ug/l #	82
25) 2-Butanone	6.966	43	365	1.098	ug/l #	48
31) Cyclohexane	7.783	56	1808	1.132	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	6524	4.490	ug/l #	50
38) Carbon Tetrachloride	7.783	117	8774	6.051	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	29789	40.197	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	29789	87.380	ug/l #	13
95) Naphthalene	15.239	128	315	3.187	ug/l #	69

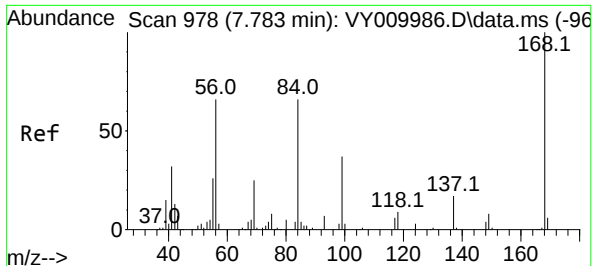
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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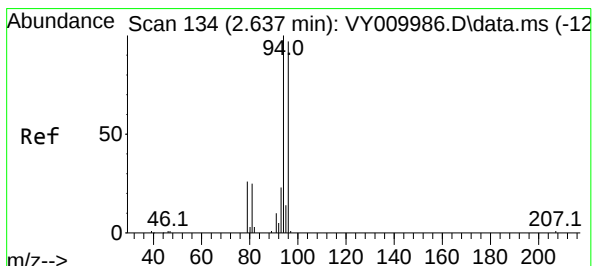
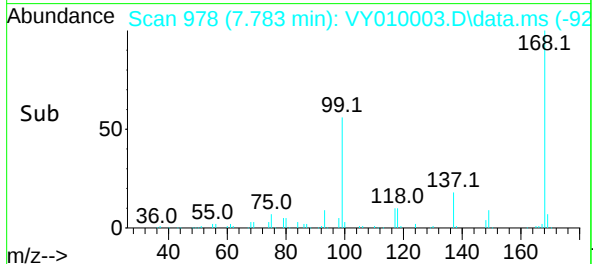
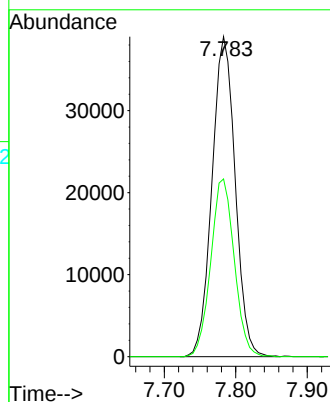
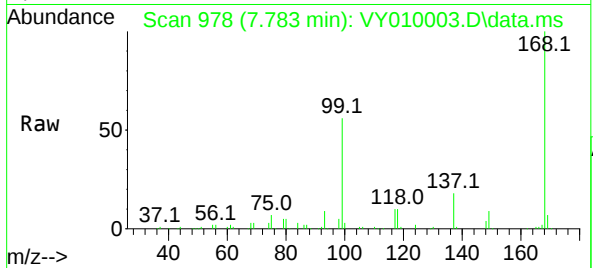




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010003.D
Acq: 14 Aug 2022 17:24

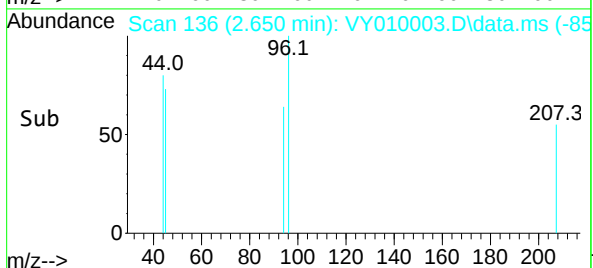
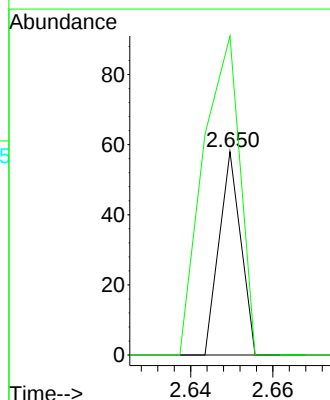
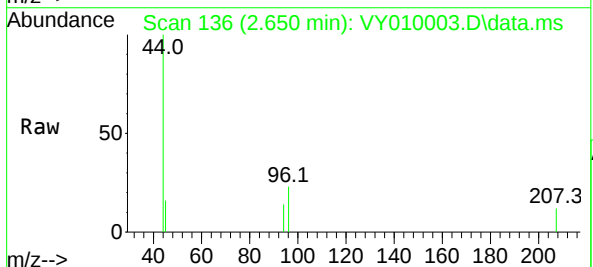
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

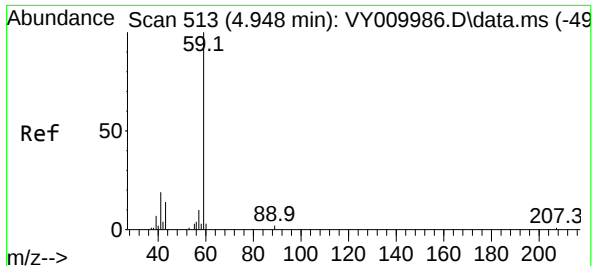
Tgt Ion:168 Resp: 87933
Ion Ratio Lower Upper
168 100
99 55.6 42.1 63.1



#5
Bromomethane
Concen: Below Cal
RT: 2.650 min Scan# 136
Delta R.T. 0.013 min
Lab File: VY010003.D
Acq: 14 Aug 2022 17:24

Tgt Ion: 94 Resp: 21
Ion Ratio Lower Upper
94 100
96 156.9 74.6 111.8#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.960 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY010003.D

Acq: 14 Aug 2022 17:24

Instrument :

MSVOA_Y

ClientSampleId :

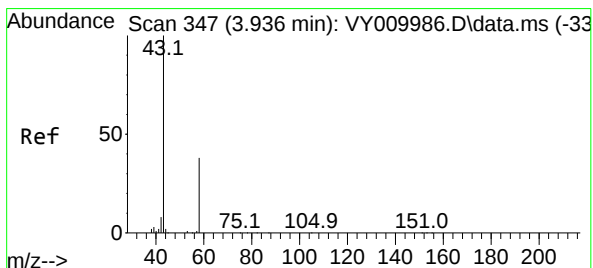
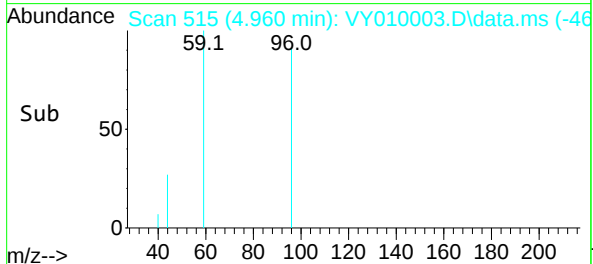
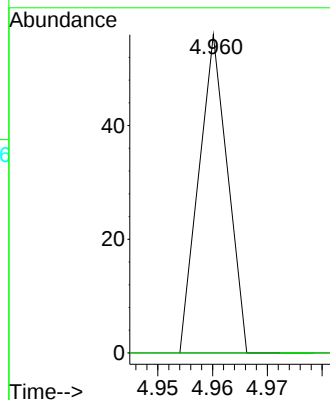
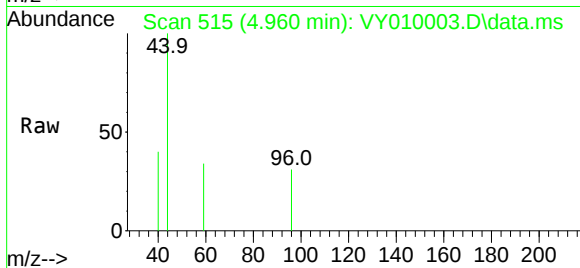
VY0814SBL01

Tgt Ion: 59 Resp: 20

Ion Ratio Lower Upper

59 100

57 0.0 6.3 9.5#



#16

Acetone

Concen: 1.844 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.012 min

Lab File: VY010003.D

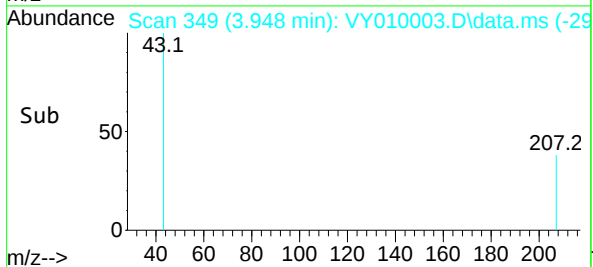
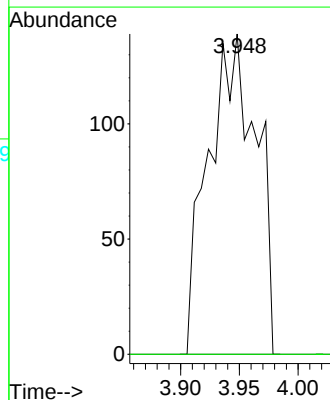
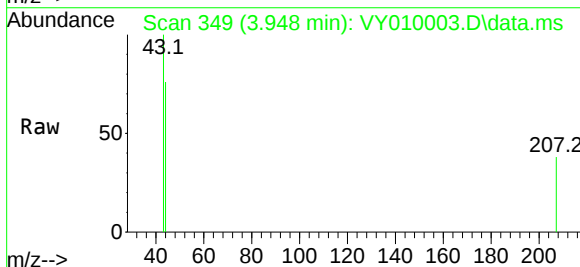
Acq: 14 Aug 2022 17:24

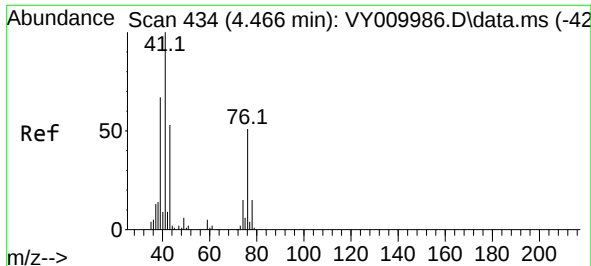
Tgt Ion: 43 Resp: 395

Ion Ratio Lower Upper

43 100

58 0.0 24.0 36.0#

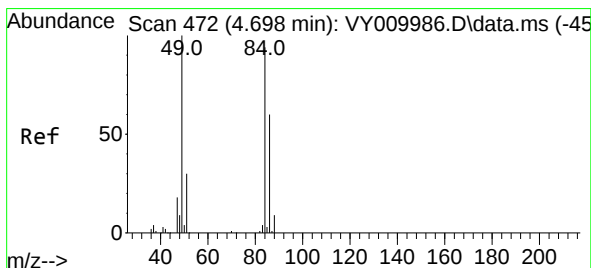
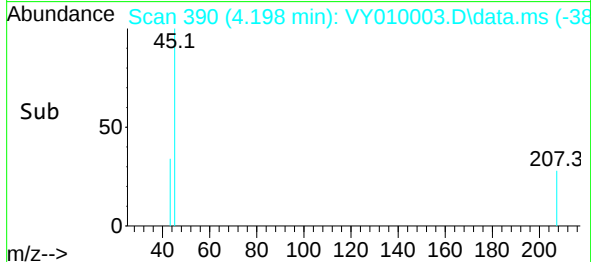
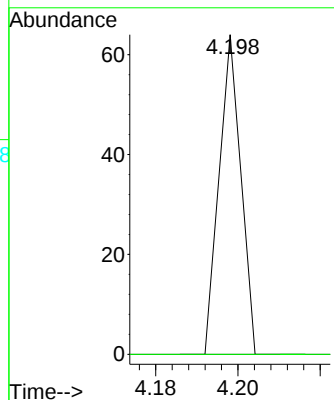
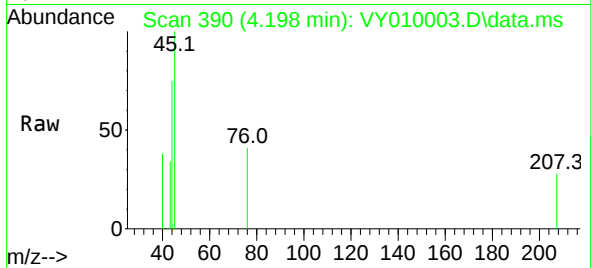




#18
Methyl Acetate
Concen: Below Cal
RT: 4.198 min Scan# 390
Delta R.T. -0.268 min
Lab File: VY010003.D
Acq: 14 Aug 2022 17:24

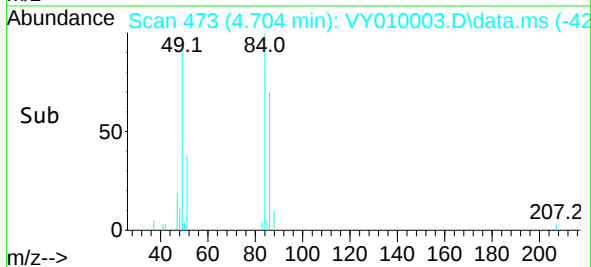
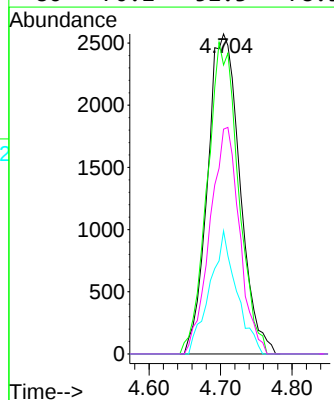
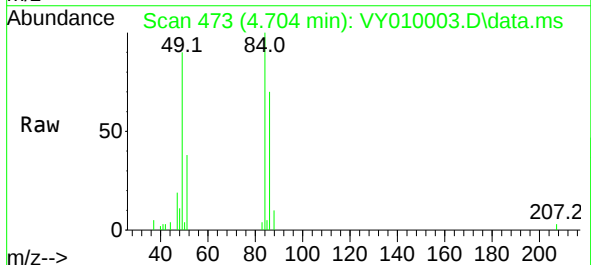
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

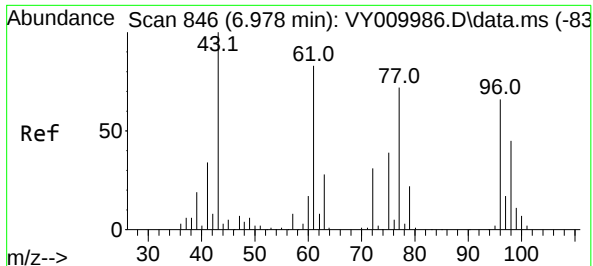
Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
74 0.0 18.8 28.2#



#20
Methylene Chloride
Concen: 1.373 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY010003.D
Acq: 14 Aug 2022 17:24

Tgt Ion: 84 Resp: 8065
Ion Ratio Lower Upper
84 100
49 90.3 98.2 147.4#
51 38.4 33.4 50.0
86 70.2 52.3 78.5





#25

2-Butanone

Concen: 1.098 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY010003.D

Acq: 14 Aug 2022 17:24

Instrument :

MSVOA_Y

ClientSampleId :

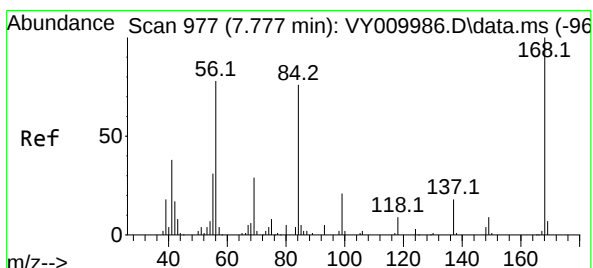
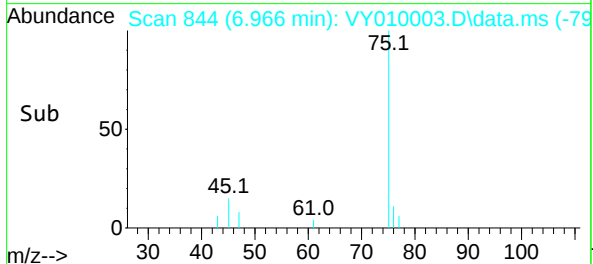
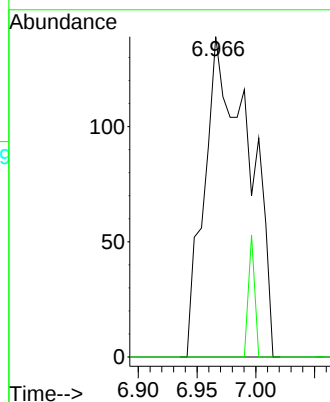
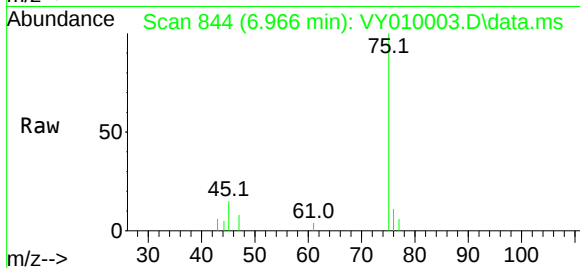
VY0814SBL01

Tgt Ion: 43 Resp: 365

Ion Ratio Lower Upper

43 100

72 0.0 21.5 32.3#



#31

Cyclohexane

Concen: 1.132 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.006 min

Lab File: VY010003.D

Acq: 14 Aug 2022 17:24

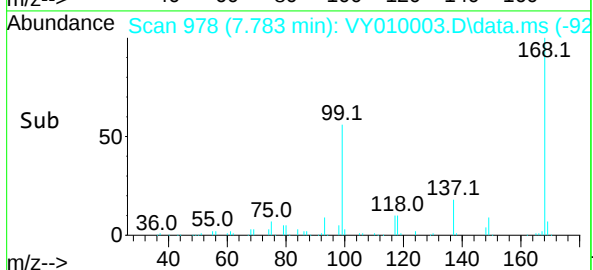
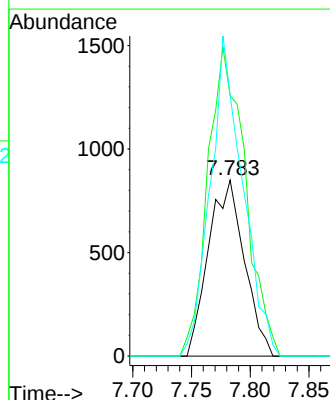
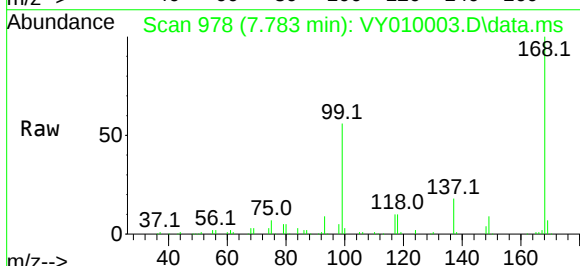
Tgt Ion: 56 Resp: 1808

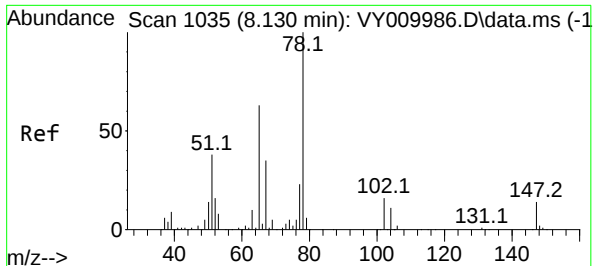
Ion Ratio Lower Upper

56 100

69 148.0 26.0 39.0#

84 148.4 69.5 104.3#





#33

1,2-Dichloroethane-d4

Concen: 57.221 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY010003.D

Acq: 14 Aug 2022 17:24

Instrument :

MSVOA_Y

ClientSampleId :

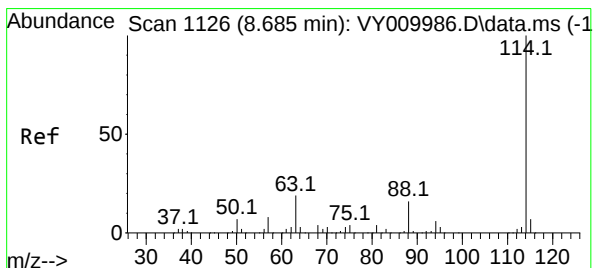
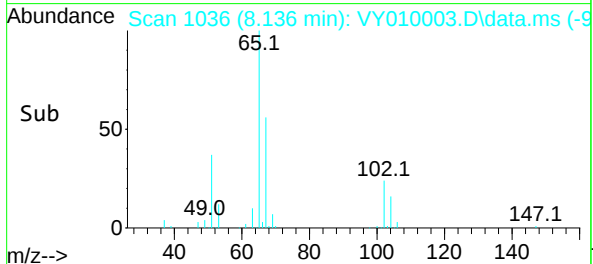
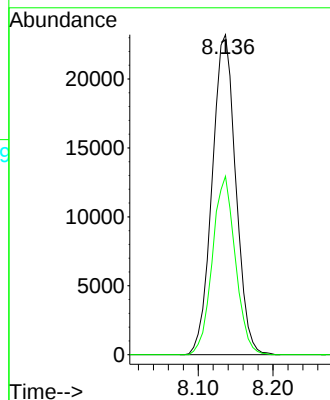
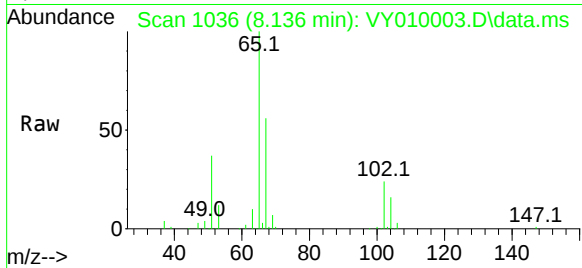
VY0814SBL01

Tgt Ion: 65 Resp: 51041

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010003.D

Acq: 14 Aug 2022 17:24

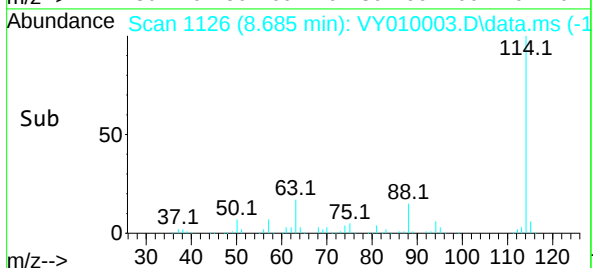
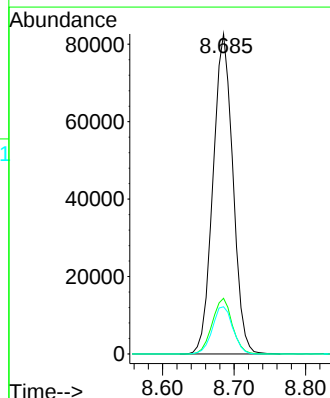
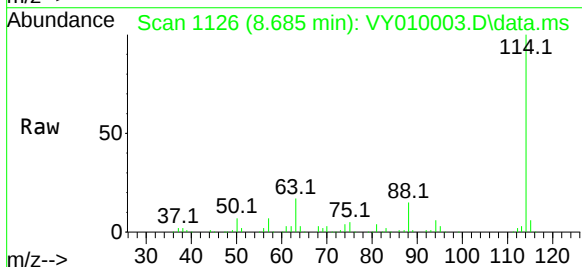
Tgt Ion: 114 Resp: 159417

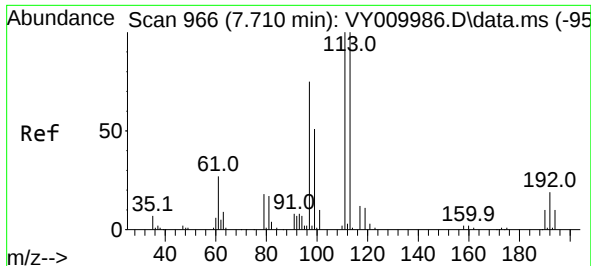
Ion Ratio Lower Upper

114 100

63 17.4 0.0 38.0

88 14.8 0.0 30.0

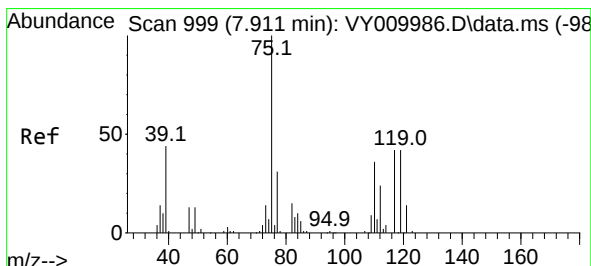
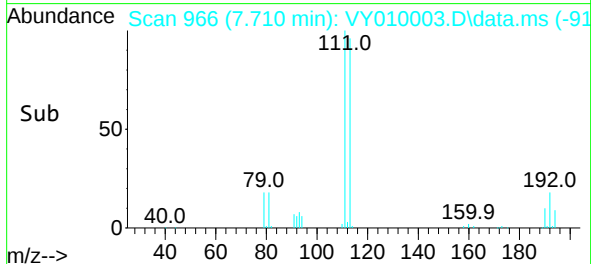
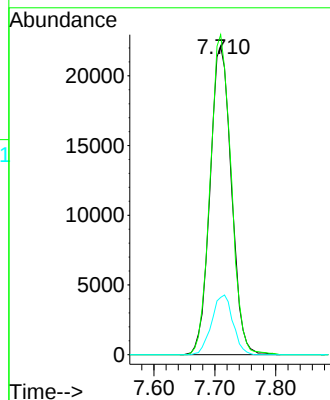
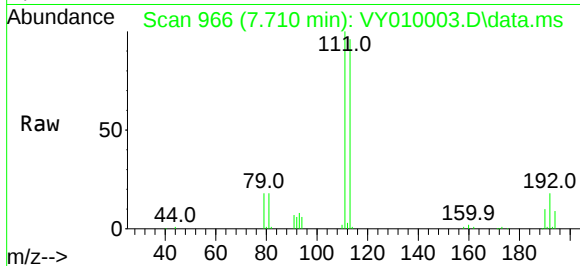




#35
Dibromofluoromethane
Concen: 55.200 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY010003.D
Acq: 14 Aug 2022 17:24

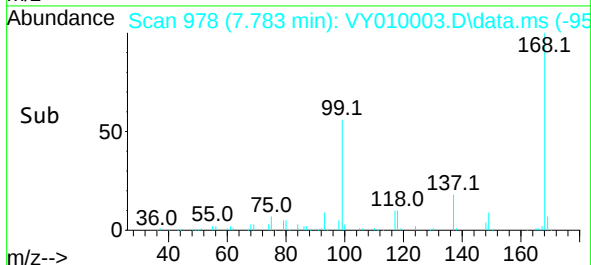
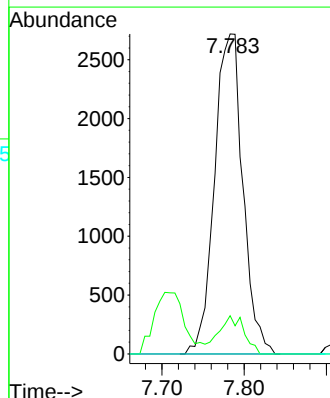
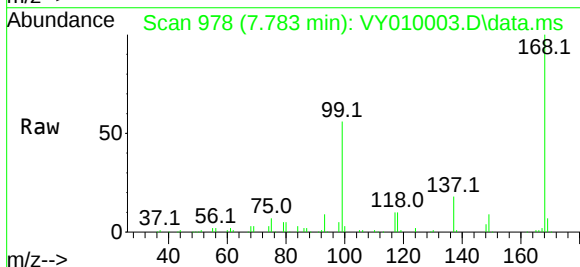
Instrument :
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VY0814SBL01

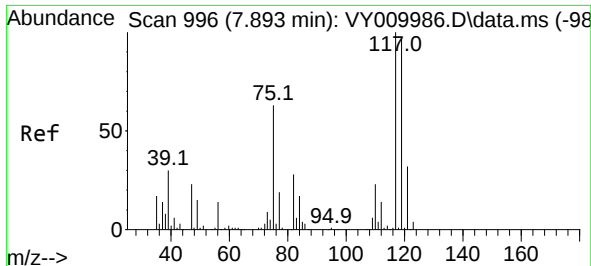
Tgt Ion:113 Resp: 53859
Ion Ratio Lower Upper
113 100
111 101.6 80.6 120.8
192 19.2 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.490 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010003.D
Acq: 14 Aug 2022 17:24

Tgt Ion: 75 Resp: 6524
Ion Ratio Lower Upper
75 100
110 10.7 18.6 56.0#
77 0.0 25.0 37.4#

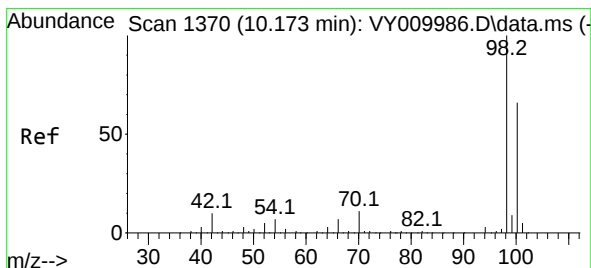
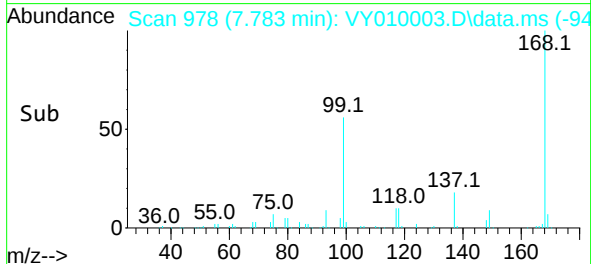
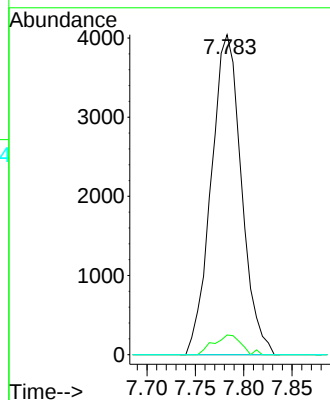
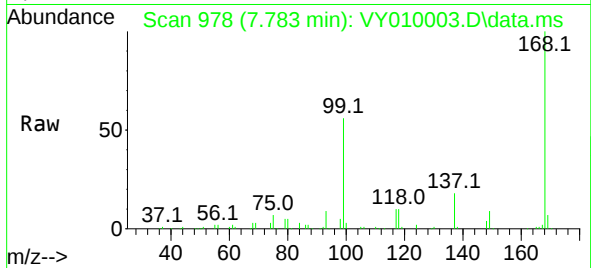




#38
Carbon Tetrachloride
Concen: 6.051 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010003.D
Acq: 14 Aug 2022 17:24

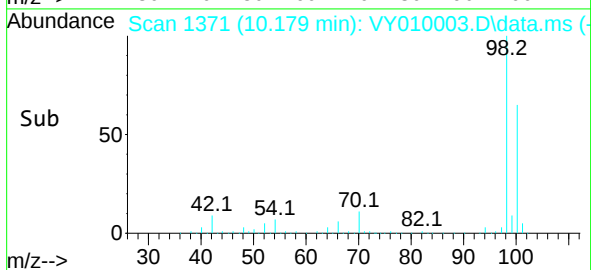
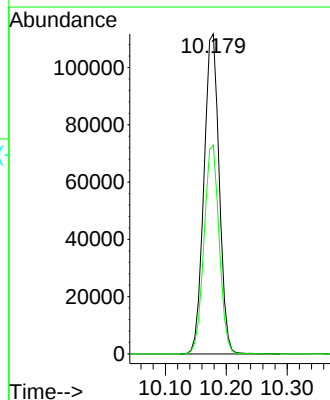
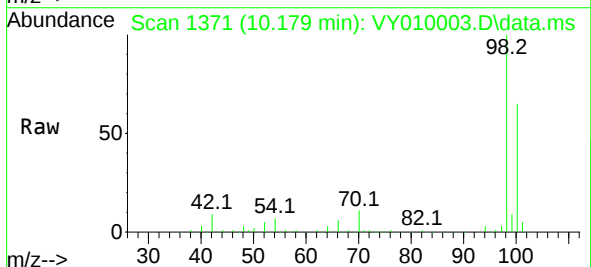
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

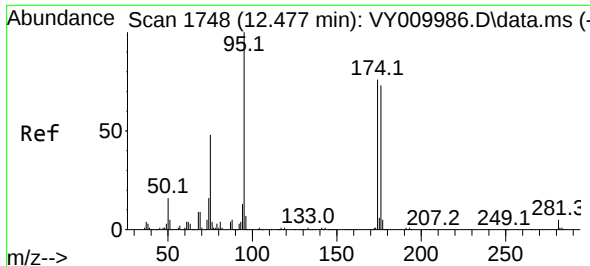
Tgt Ion:117 Resp: 8774
Ion Ratio Lower Upper
117 100
119 6.1 75.9 113.9#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 52.018 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010003.D
Acq: 14 Aug 2022 17:24

Tgt Ion: 98 Resp: 194470
Ion Ratio Lower Upper
98 100
100 65.0 52.9 79.3

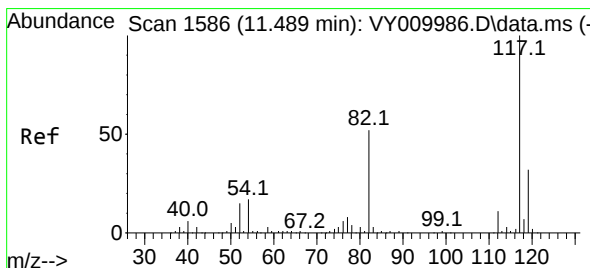
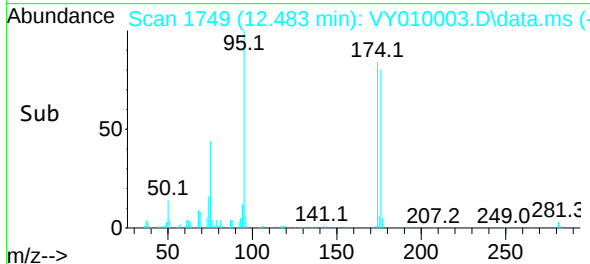
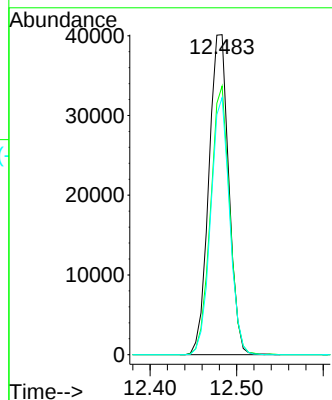
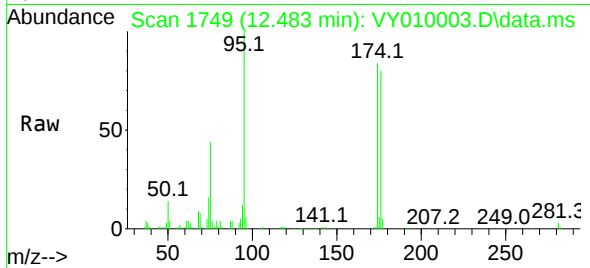




#62
4-Bromofluorobenzene
Concen: 46.987 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY010003.D
Acq: 14 Aug 2022 17:24

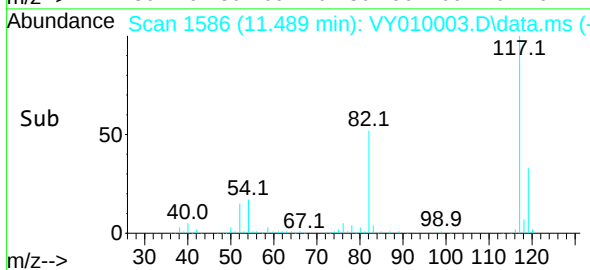
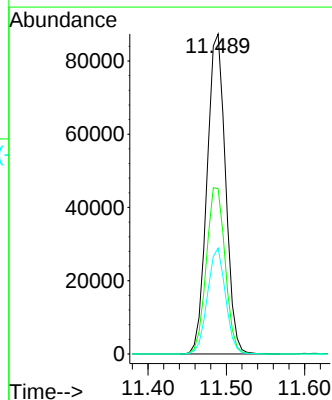
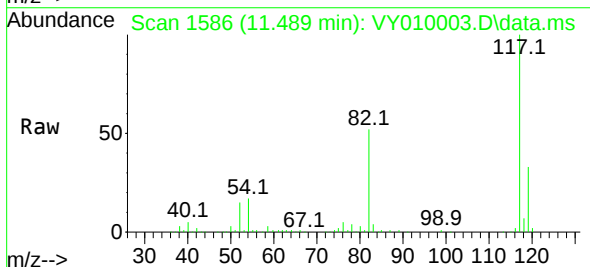
Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

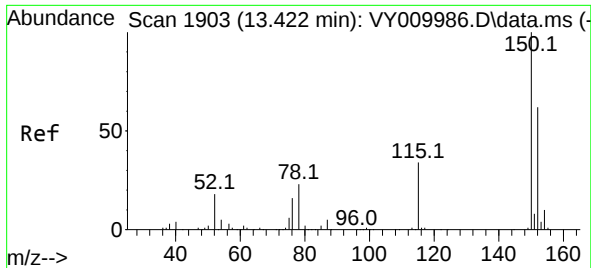
Tgt Ion: 95 Resp: 64360
Ion Ratio Lower Upper
95 100
174 80.0 0.0 173.8
176 75.9 0.0 167.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010003.D
Acq: 14 Aug 2022 17:24

Tgt Ion: 117 Resp: 143173
Ion Ratio Lower Upper
117 100
82 51.7 41.8 62.6
119 33.1 25.6 38.4

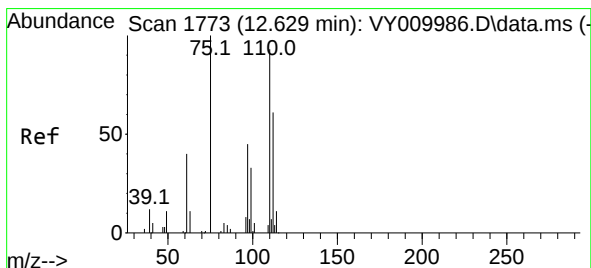
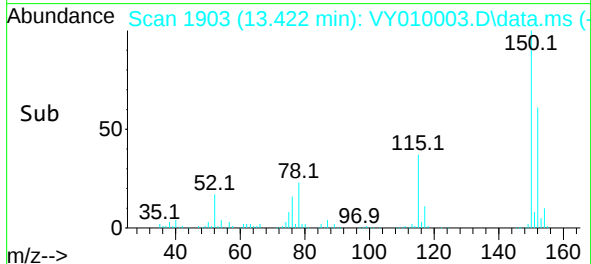
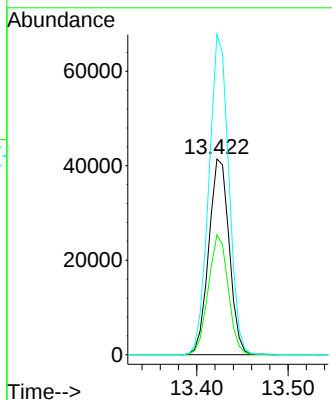
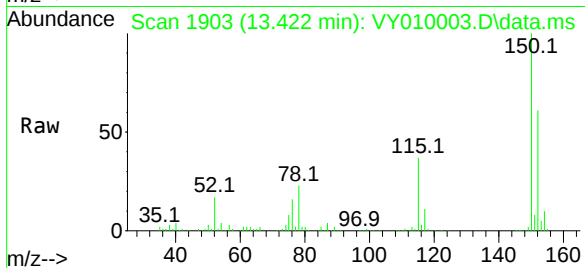




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010003.D
 Acq: 14 Aug 2022 17:24

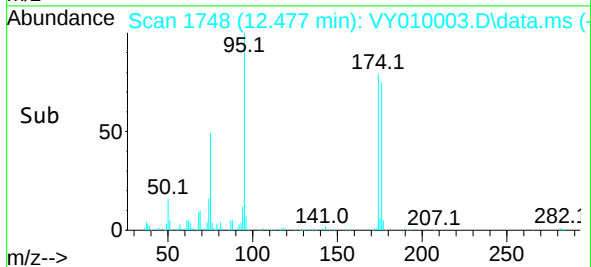
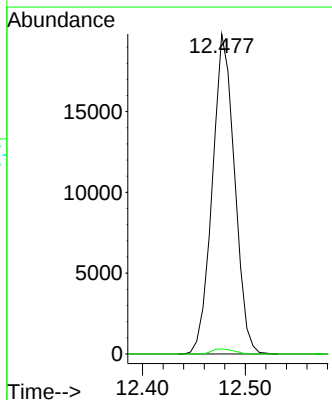
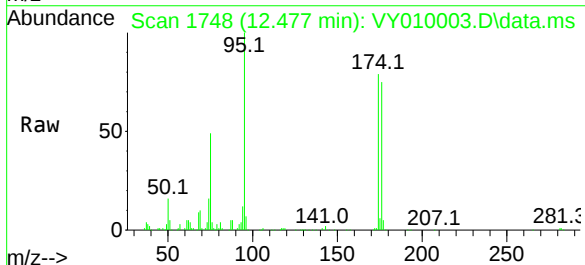
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0814SBL01

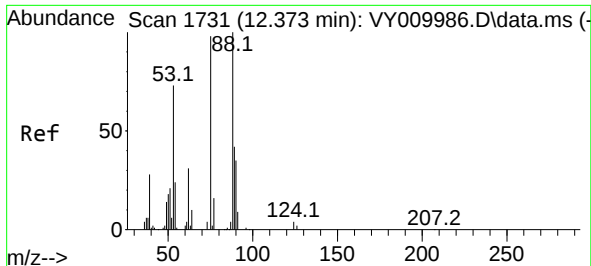
Tgt Ion:152 Resp: 64130
 Ion Ratio Lower Upper
 152 100
 115 59.7 28.6 85.9
 150 160.3 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 40.197 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY010003.D
 Acq: 14 Aug 2022 17:24

Tgt Ion: 75 Resp: 29789
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#

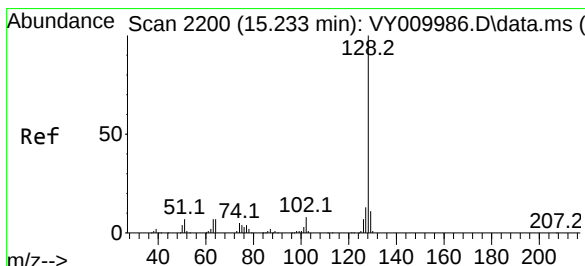
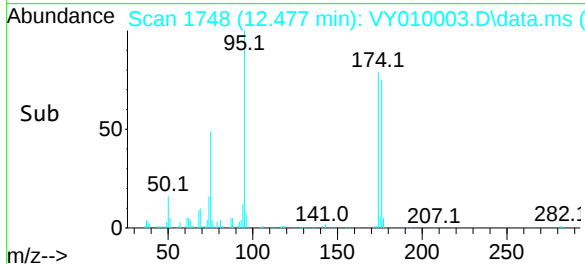
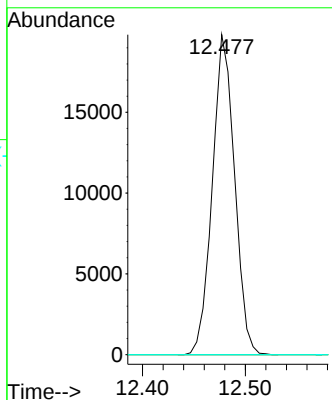
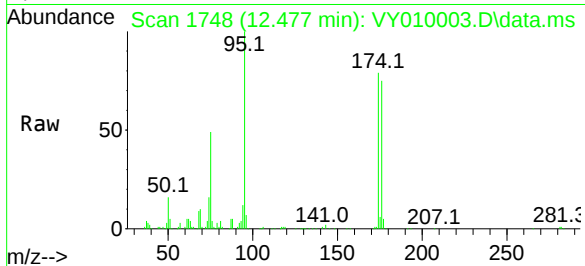




#81
trans-1,4-Dichloro-2-butene
Concen: 87.380 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY010003.D
Acq: 14 Aug 2022 17:24

Instrument :
MSVOA_Y
ClientSampleId :
VY0814SBL01

Tgt Ion: 75 Resp: 29789
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 38.1 57.1#



#95
Naphthalene
Concen: 3.187 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY010003.D
Acq: 14 Aug 2022 17:24

Tgt Ion:128 Resp: 315
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.8 13.2#

