

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
 Data File : VY010421.D
 Acq On : 09 Sep 2022 16:36
 Operator : KP/MD
 Sample : VY0909SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0909SBL01

Quant Time: Sep 09 18:02:55 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)

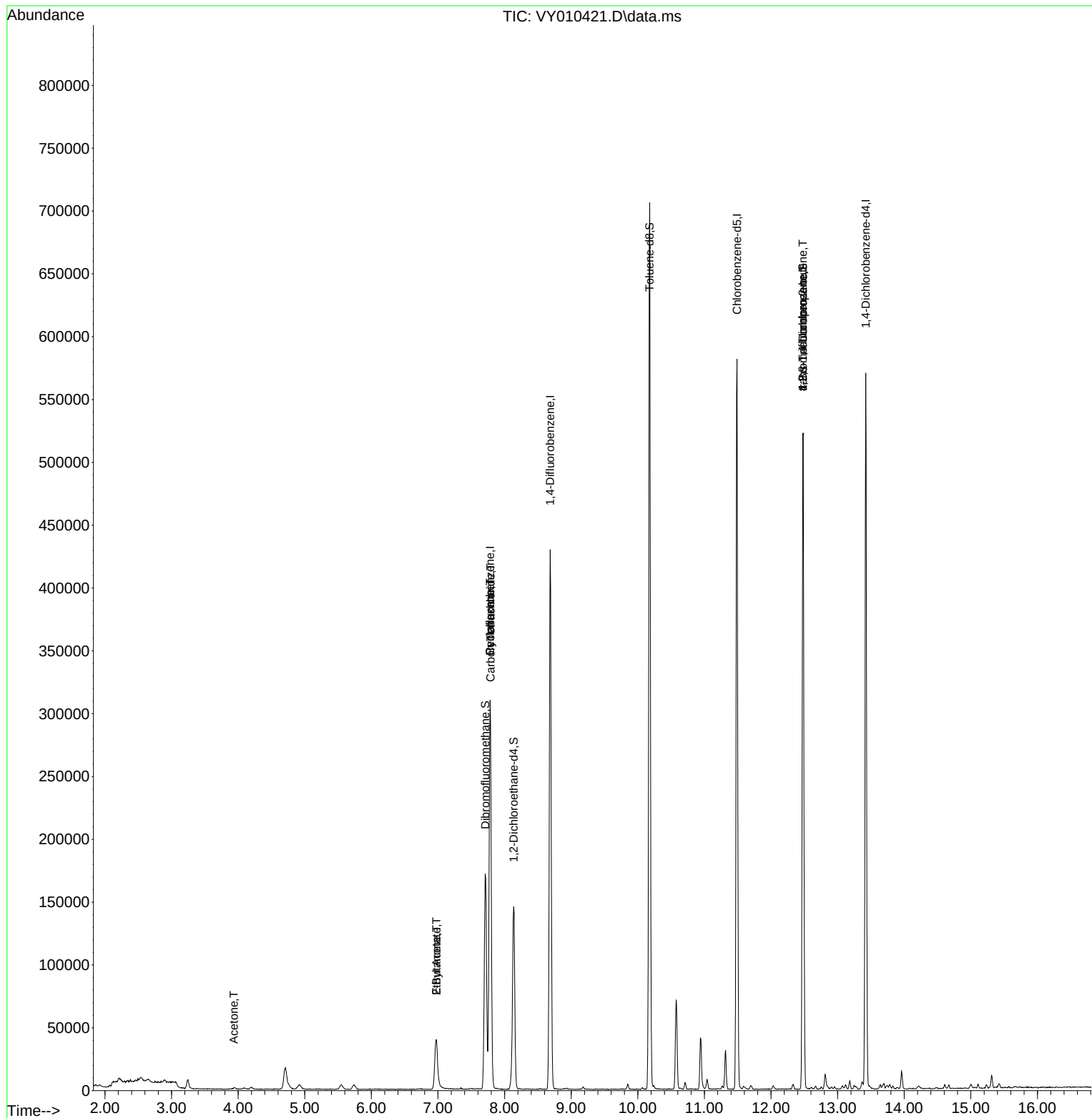
Internal Standards						
1) Pentafluorobenzene	7.783	168	250433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	378997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	324203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	149422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	111266	44.113	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.220%
35) Dibromofluoromethane	7.710	113	122891	45.656	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.320%
50) Toluene-d8	10.179	98	465436	53.354	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.700%
62) 4-Bromofluorobenzene	12.477	95	150311	42.553	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.100%
Target Compounds						
2) Dichlorodifluoromethane	1.894	85	295	Below Cal	Qvalue	95
11) Tert butyl alcohol	4.924	59	4031	Below Cal	#	80
16) Acetone	3.936	43	2289	3.954	ug/l	99
20) Methylene Chloride	4.704	84	12776	Below Cal	#	74
25) 2-Butanone	6.978	43	2854	3.103	ug/l	# 88
31) Cyclohexane	7.783	56	5121	1.202	ug/l	# 1
37) Ethyl Acetate	6.978	43	2854	1.473	ug/l	# 55
38) Carbon Tetrachloride	7.789	117	23128	5.642	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	75893	46.020	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	75893	102.182	ug/l	# 7

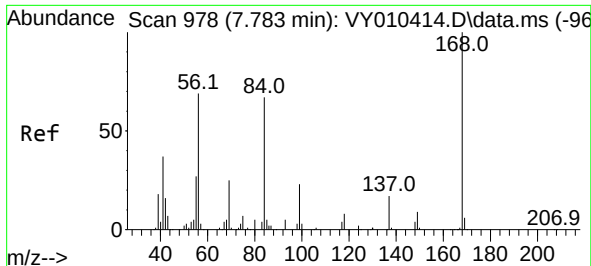
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
Data File : VY010421.D
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBL01

Quant Time: Sep 09 18:02:55 2022
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Quant Title : SW846 8260
QLast Update : Fri Sep 09 17:08:30 2022
Response via : Initial Calibration

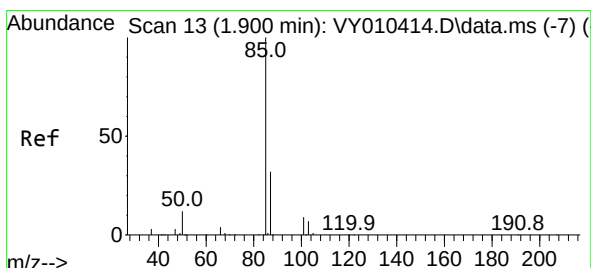
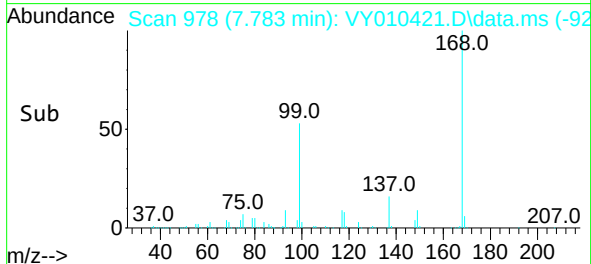
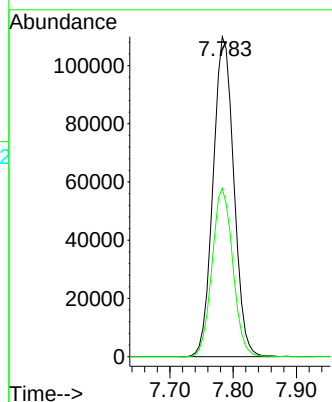
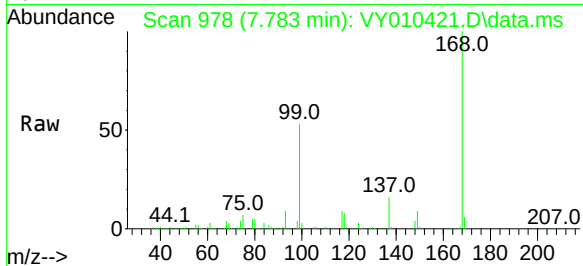




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010421.D
Acq: 09 Sep 2022 16:36

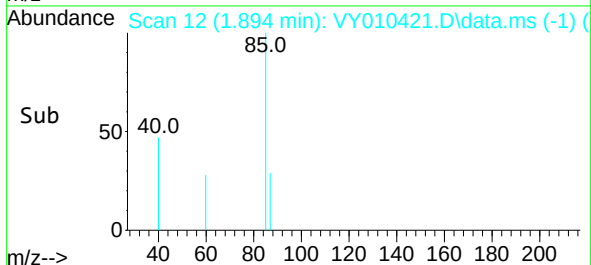
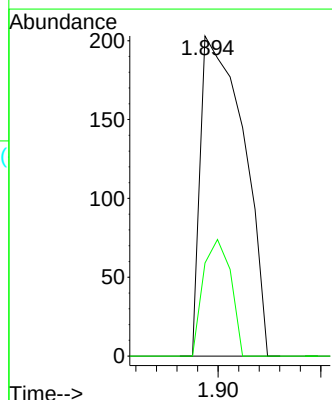
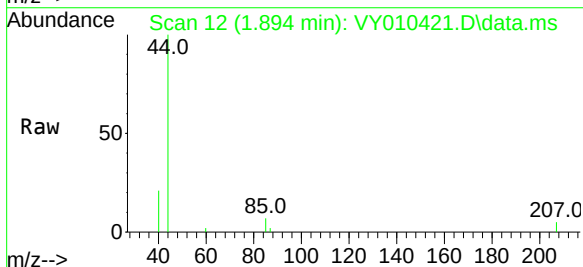
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBL01

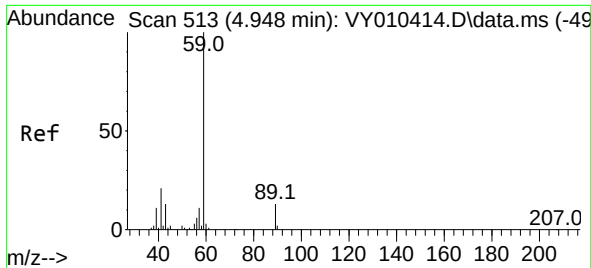
Tgt Ion:168 Resp: 250433
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.894 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY010421.D
Acq: 09 Sep 2022 16:36

Tgt Ion: 85 Resp: 295
Ion Ratio Lower Upper
85 100
87 29.1 16.1 48.2

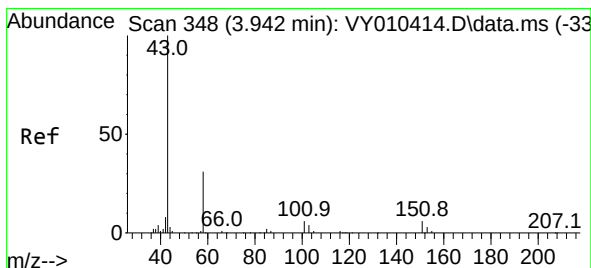
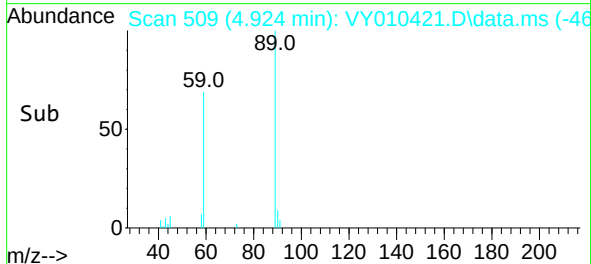
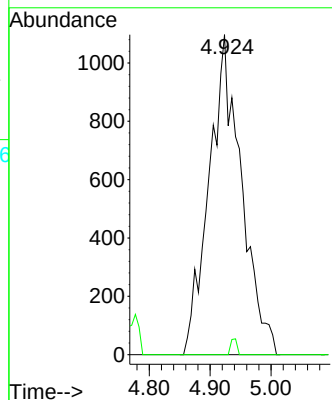
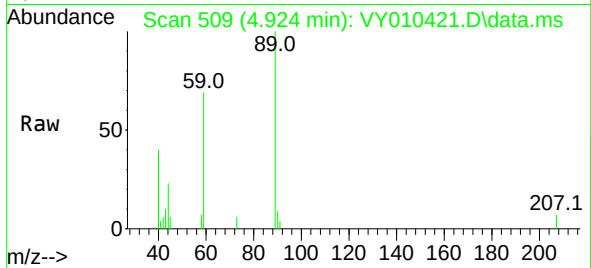




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY010421.D
Acq: 09 Sep 2022 16:36

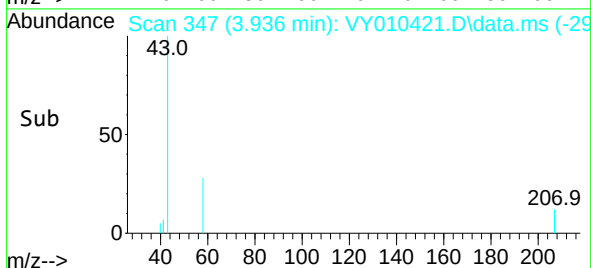
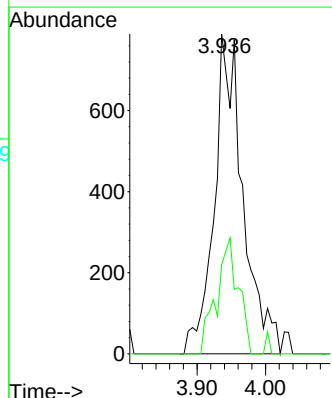
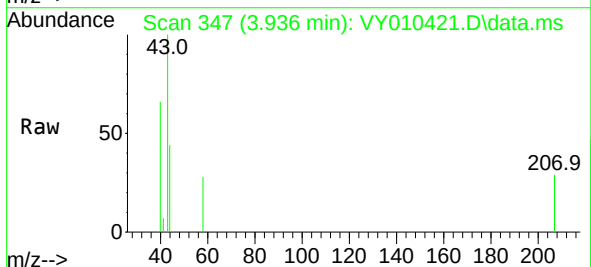
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBL01

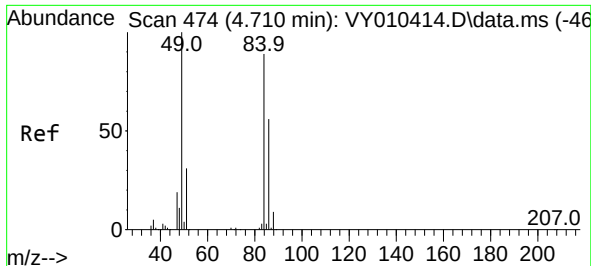
Tgt Ion: 59 Resp: 4031
Ion Ratio Lower Upper
59 100
57 1.0 6.4 9.6#



#16
Acetone
Concen: 3.954 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY010421.D
Acq: 09 Sep 2022 16:36

Tgt Ion: 43 Resp: 2289
Ion Ratio Lower Upper
43 100
58 27.9 22.0 33.0

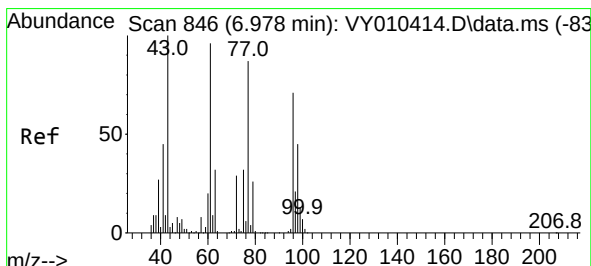
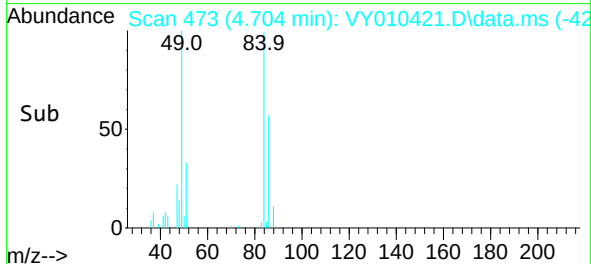
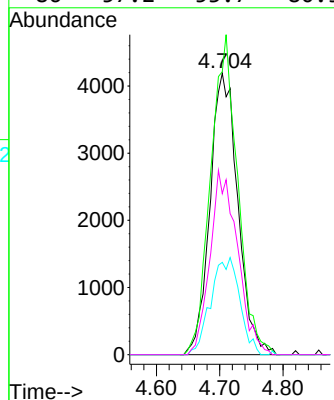
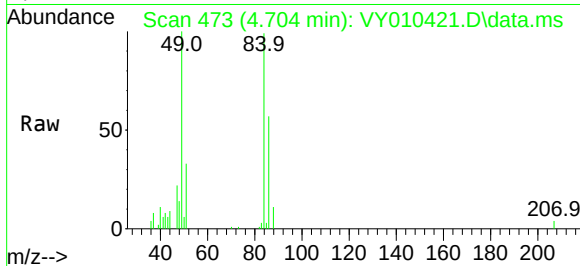




#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010421.D
Acq: 09 Sep 2022 16:36

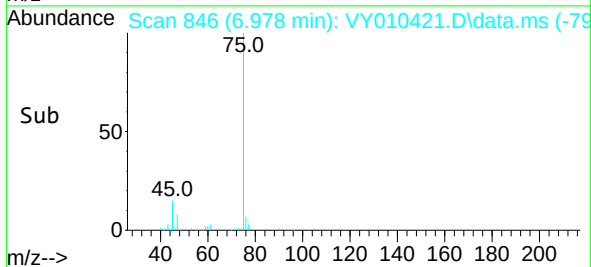
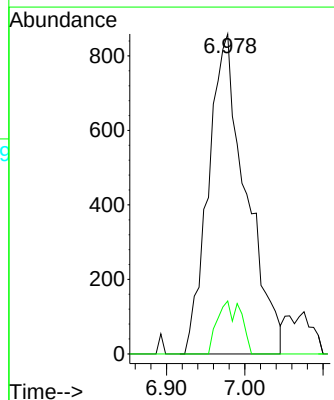
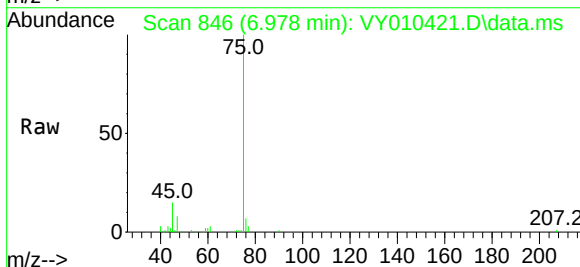
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBL01

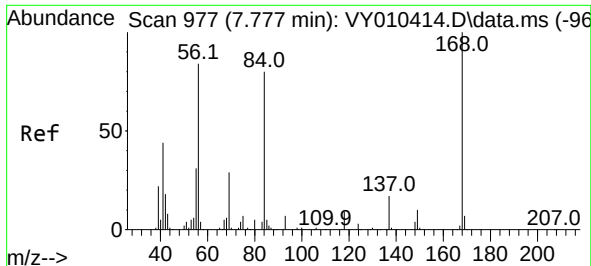
Tgt Ion: 84 Resp: 12776
Ion Ratio Lower Upper
84 100
49 100.5 114.4 171.6#
51 32.8 35.3 52.9#
86 57.2 53.7 80.5



#25
2-Butanone
Concen: 3.103 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY010421.D
Acq: 09 Sep 2022 16:36

Tgt Ion: 43 Resp: 2854
Ion Ratio Lower Upper
43 100
72 16.5 17.7 26.5#

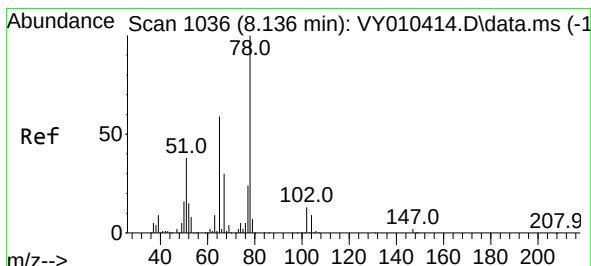
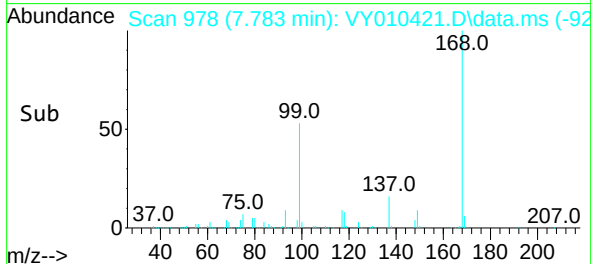
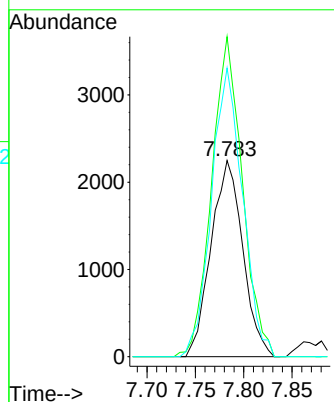
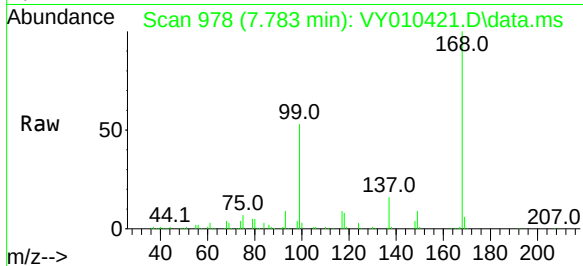




#31
Cyclohexane
Concen: 1.202 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010421.D
Acq: 09 Sep 2022 16:36

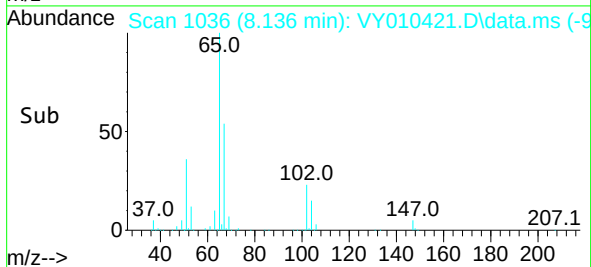
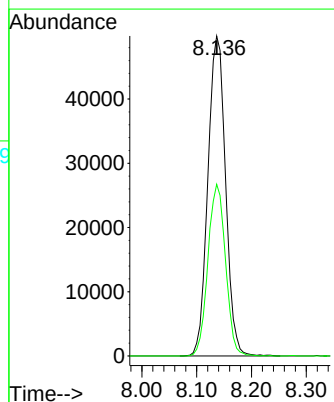
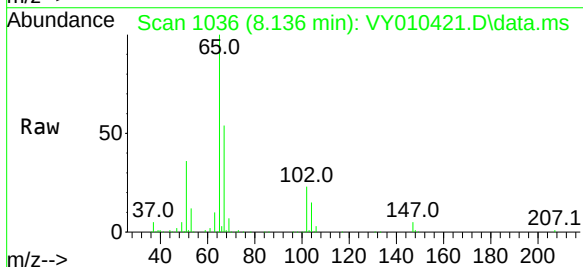
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBL01

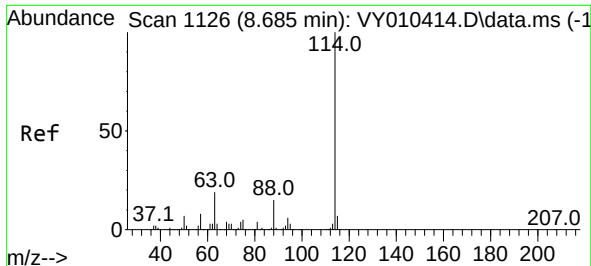
Tgt Ion: 56 Resp: 5121
Ion Ratio Lower Upper
56 100
69 163.2 26.7 40.1#
84 147.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 44.113 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010421.D
Acq: 09 Sep 2022 16:36

Tgt Ion: 65 Resp: 111266
Ion Ratio Lower Upper
65 100
67 53.3 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: VY010421.D

Acq: 09 Sep 2022 16:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0909SBL01

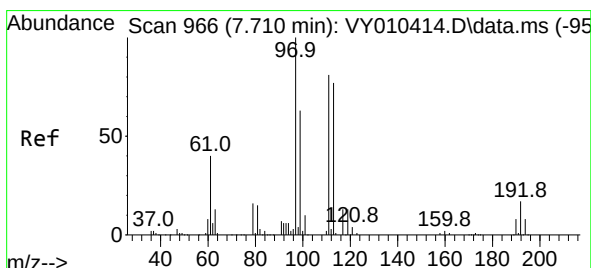
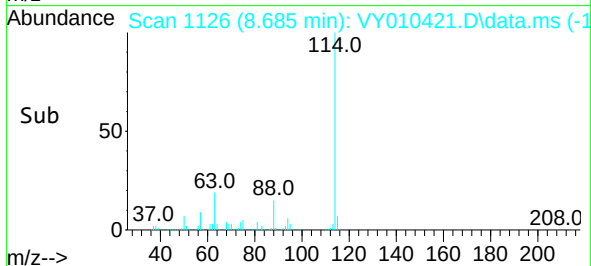
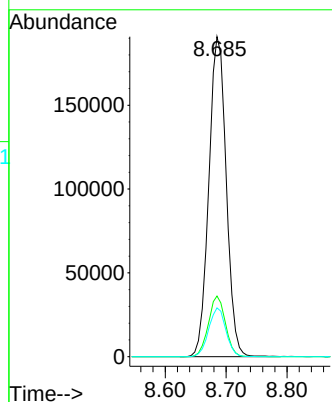
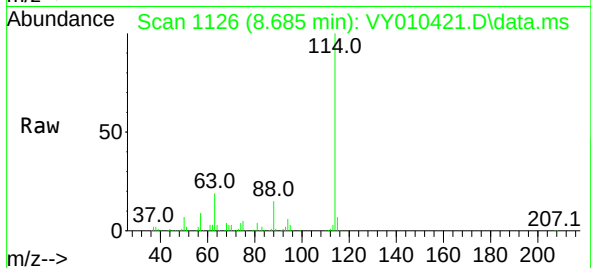
Tgt Ion:114 Resp: 378997

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.656 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010421.D

Acq: 09 Sep 2022 16:36

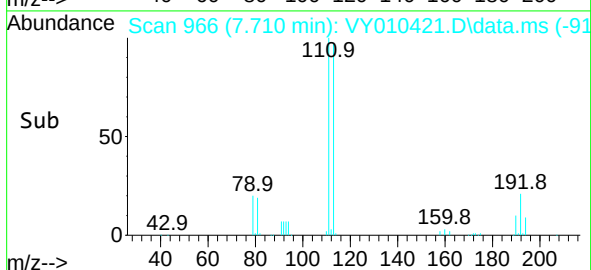
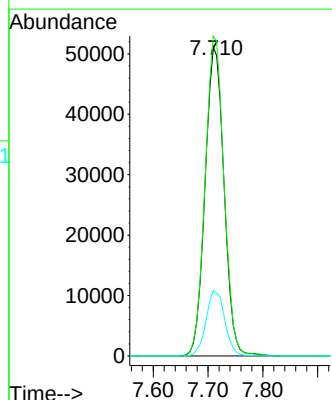
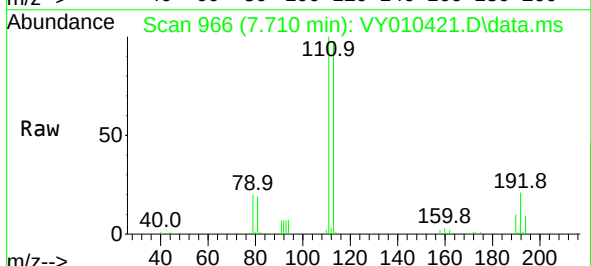
Tgt Ion:113 Resp: 122891

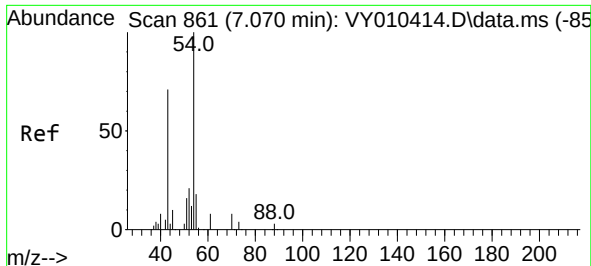
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 20.9 17.6 26.4





#37

Ethyl Acetate

Concen: 1.473 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.092 min

Lab File: VY010421.D

Acq: 09 Sep 2022 16:36

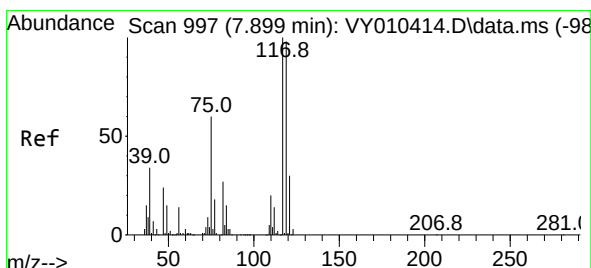
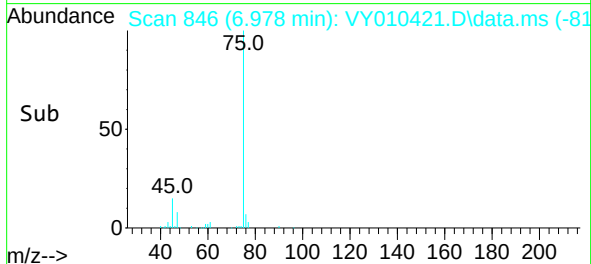
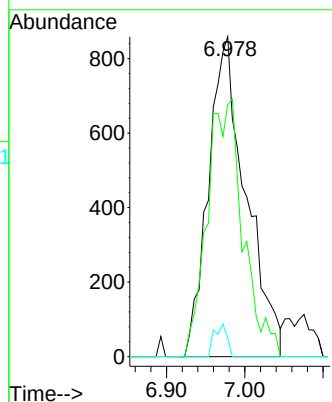
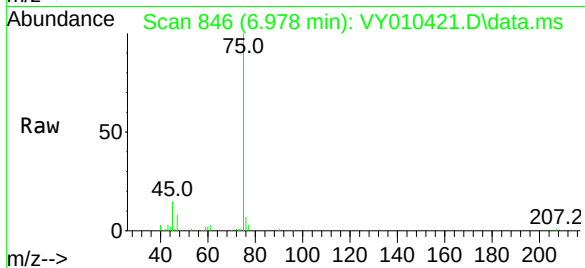
Instrument :

MSVOA_Y

ClientSampleId :

VY0909SBL01

Tgt Ion:	43	Resp:	2854
Ion	Ratio	Lower	Upper
43	100		
61	38.0	9.7	14.5#
70	3.5	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 5.642 ug/l

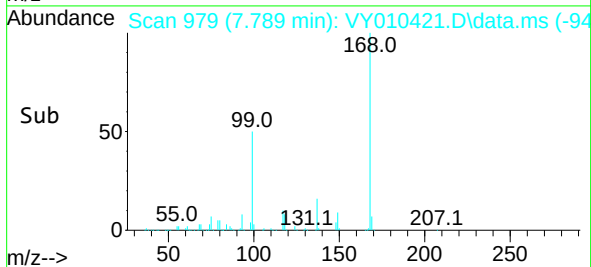
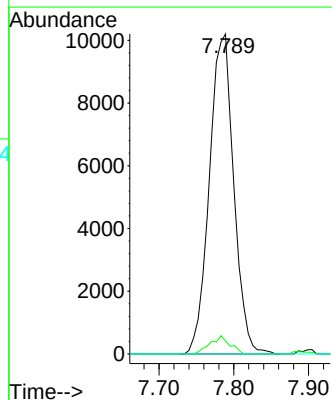
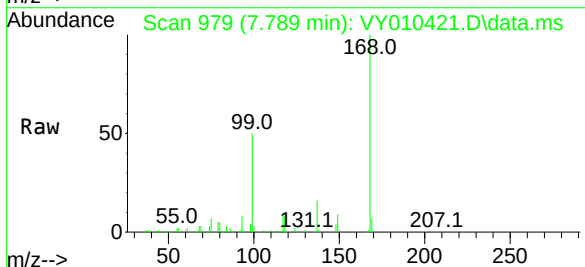
RT: 7.789 min Scan# 979

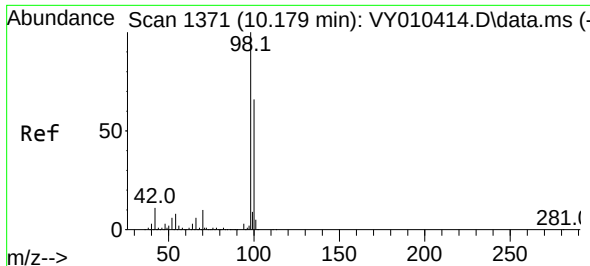
Delta R.T. -0.110 min

Lab File: VY010421.D

Acq: 09 Sep 2022 16:36

Tgt Ion:	117	Resp:	23128
Ion	Ratio	Lower	Upper
117	100		
119	4.1	77.9	116.9#
121	0.0	24.8	37.2#

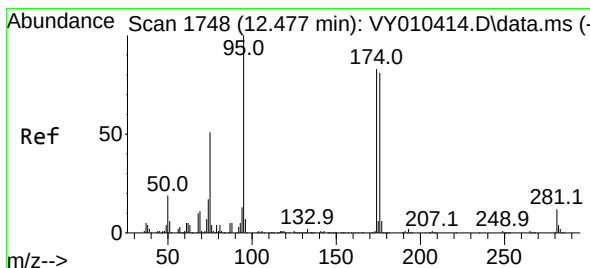
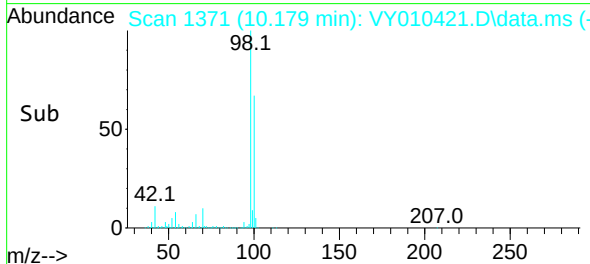
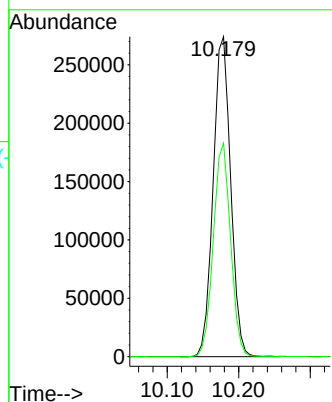
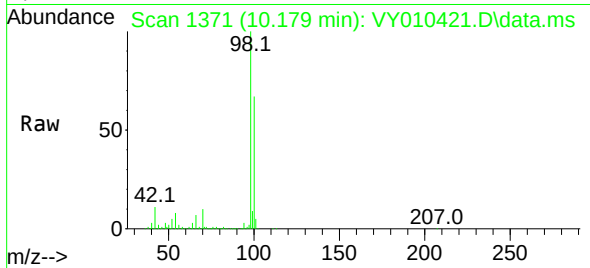




#50
Toluene-d8
Concen: 53.354 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010421.D
Acq: 09 Sep 2022 16:36

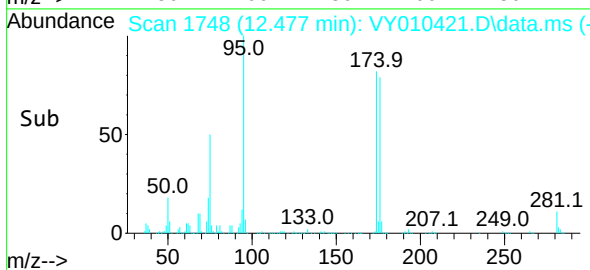
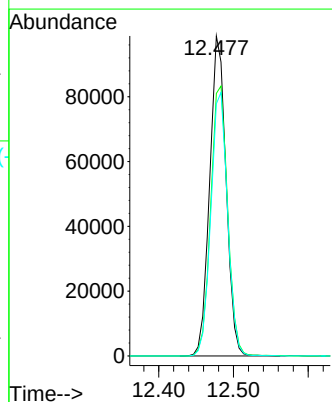
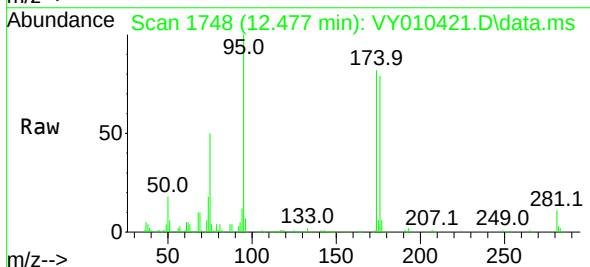
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBL01

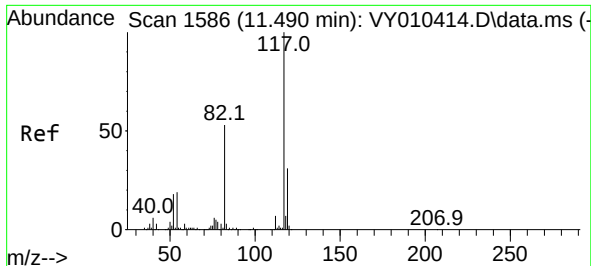
Tgt Ion: 98 Resp: 465436
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.553 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010421.D
Acq: 09 Sep 2022 16:36

Tgt Ion: 95 Resp: 150311
Ion Ratio Lower Upper
95 100
174 87.9 0.0 177.0
176 84.4 0.0 175.8

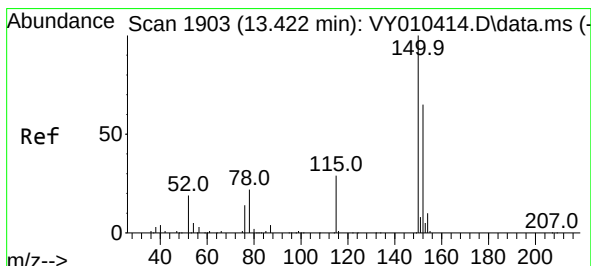
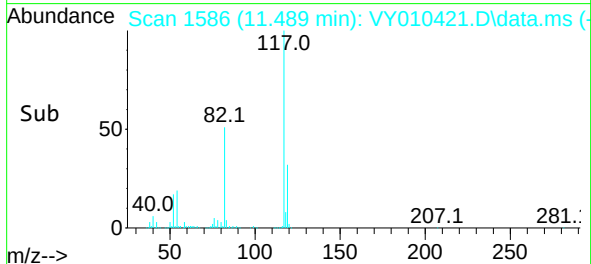
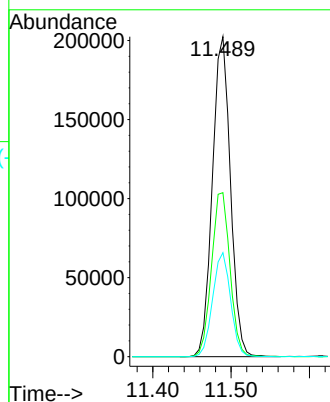
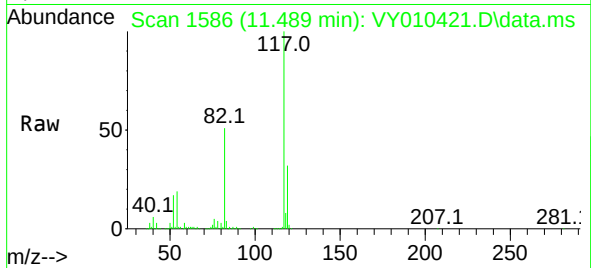




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010421.D
Acq: 09 Sep 2022 16:36

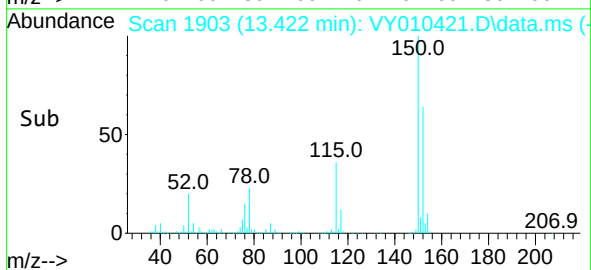
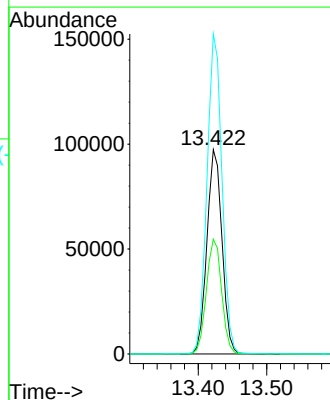
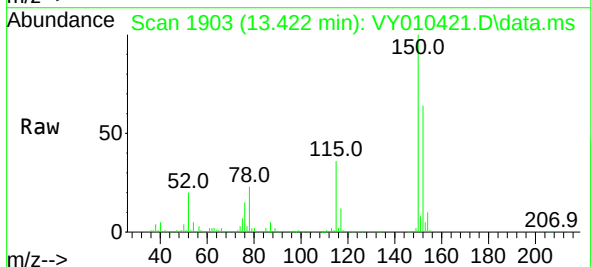
Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBL01

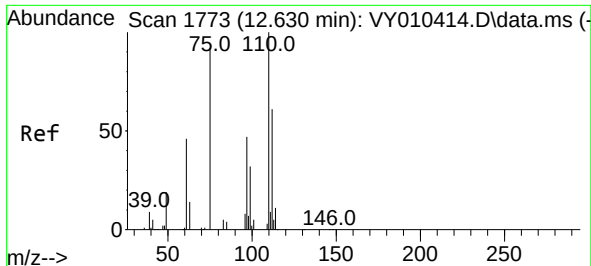
Tgt Ion:117 Resp: 324203
Ion Ratio Lower Upper
117 100
82 51.3 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010421.D
Acq: 09 Sep 2022 16:36

Tgt Ion:152 Resp: 149422
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 155.4 0.0 347.6

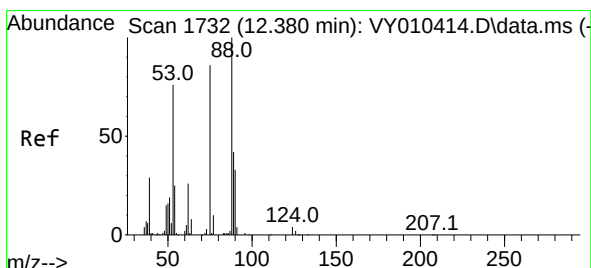
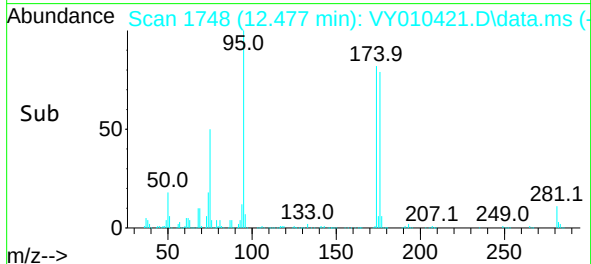
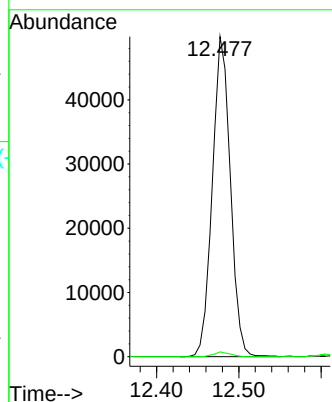
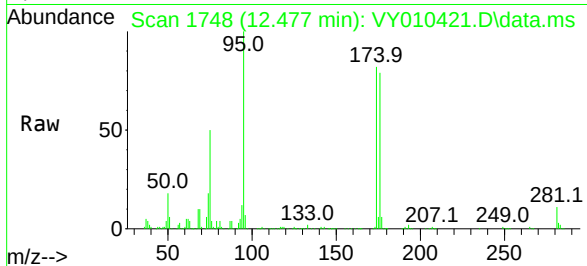




#76
1,2,3-Trichloropropane
Concen: 46.020 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY010421.D
Acq: 09 Sep 2022 16:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0909SBL01

Tgt Ion: 75 Resp: 75893
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.182 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY010421.D
Acq: 09 Sep 2022 16:36

Tgt Ion: 75 Resp: 75893
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.4 37.0 55.4#

