

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091724\
 Data File : VY019586.D
 Acq On : 17 Sep 2024 15:25
 Operator : SY/MD
 Sample : P4015-05
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-3-TANK17

Quant Time: Sep 18 01:33:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	17711	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	25194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	15157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	2278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	6627	40.409	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.820%
35) Dibromofluoromethane	7.634	113	6627	46.393	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.780%
50) Toluene-d8	10.103	98	25926	49.070	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.140%
62) 4-Bromofluorobenzene	12.402	95	4742	23.342	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	46.680%

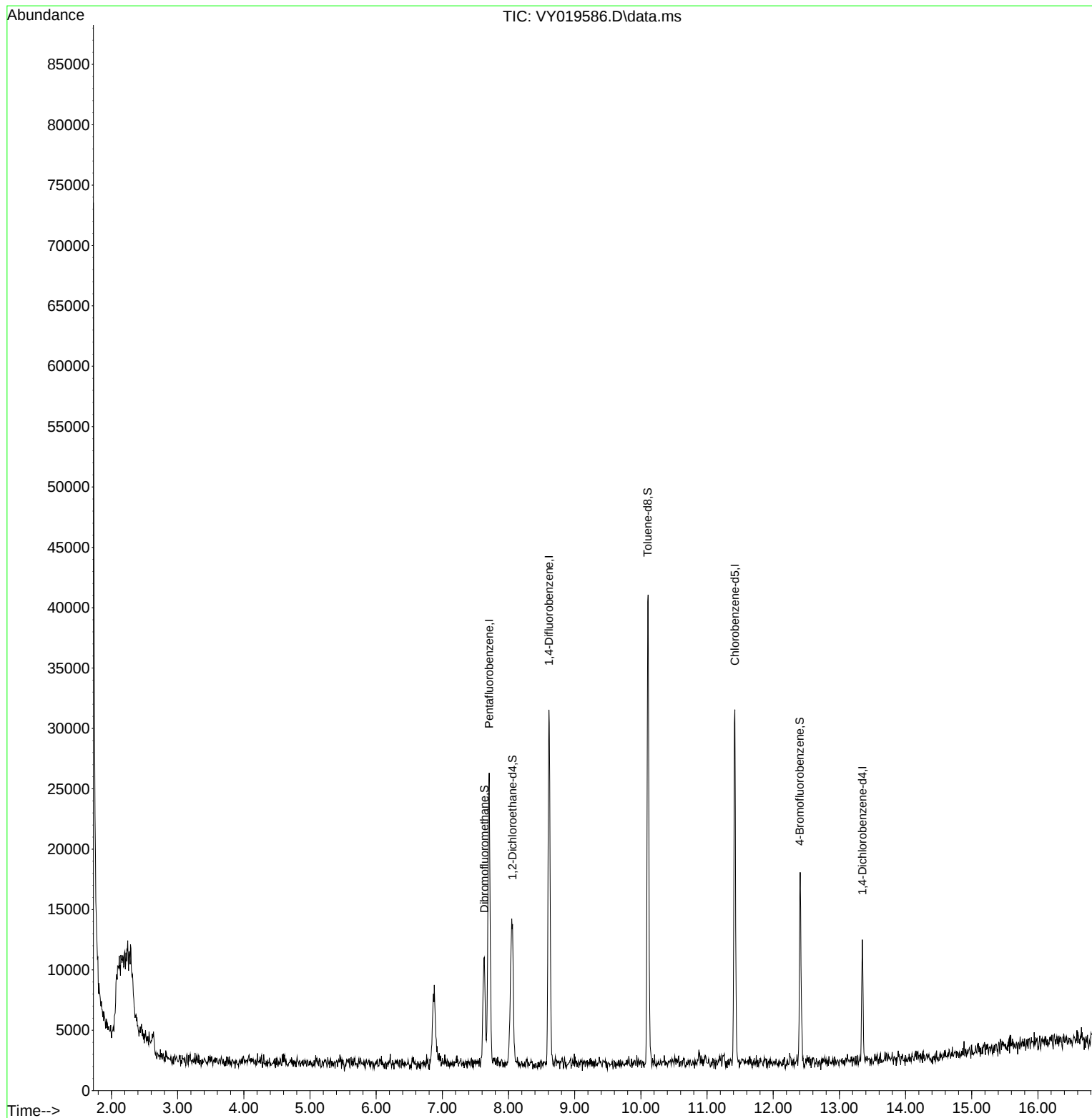
Target Compounds	Qvalue

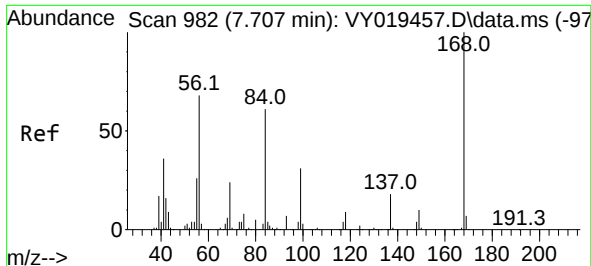
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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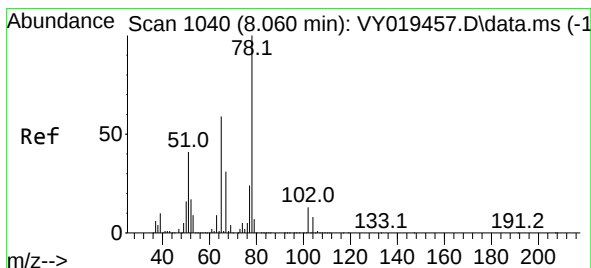
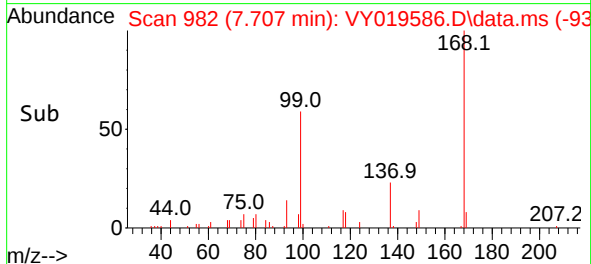
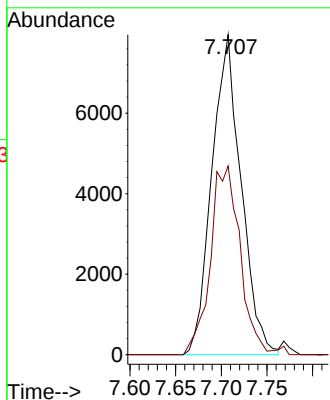
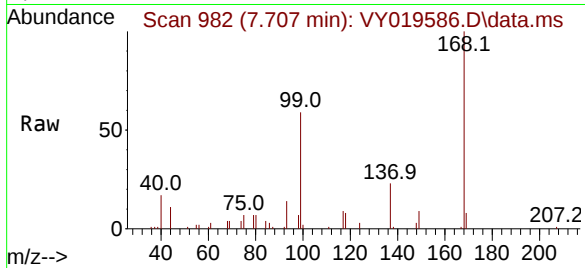




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019586.D
Acq: 17 Sep 2024 15:25

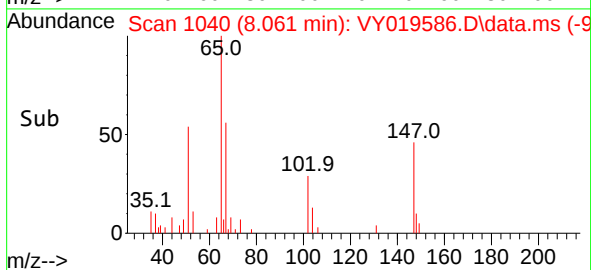
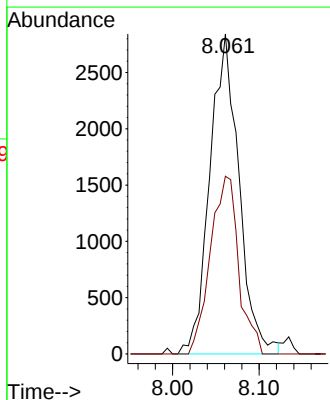
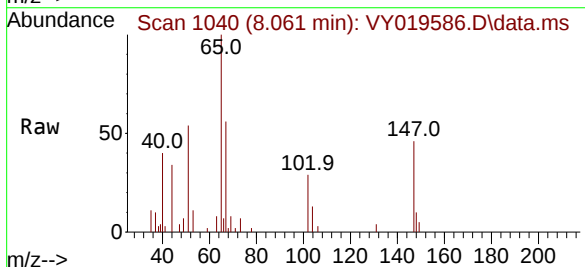
Instrument :
MSVOA_Y
ClientSampleId :
SW-3-TANK17

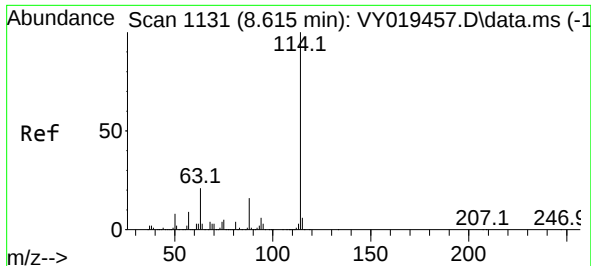
Tgt Ion:168 Resp: 17711
Ion Ratio Lower Upper
168 100
99 59.0 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 40.409 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019586.D
Acq: 17 Sep 2024 15:25

Tgt Ion: 65 Resp: 6627
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.6

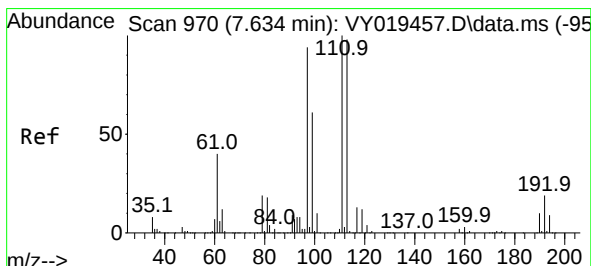
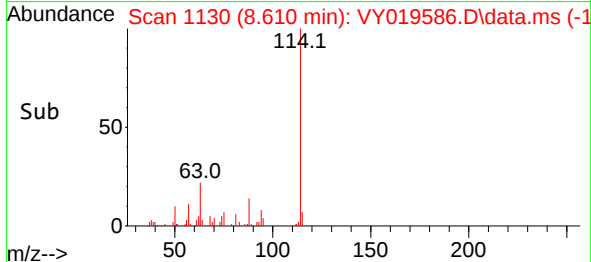
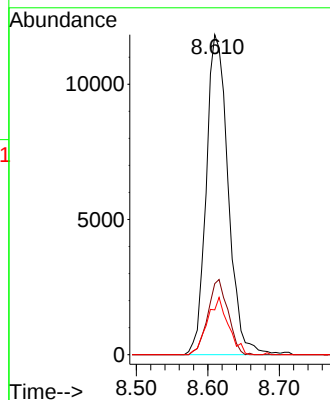
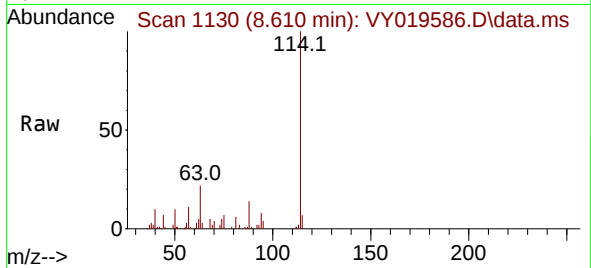




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY019586.D
Acq: 17 Sep 2024 15:25

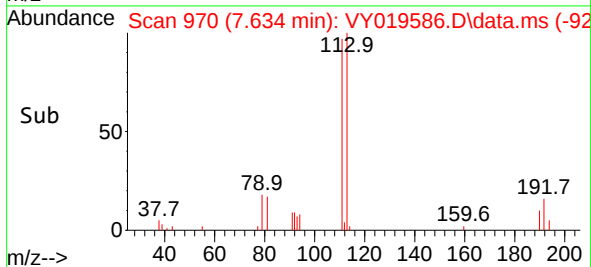
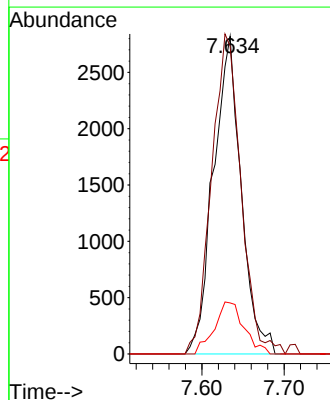
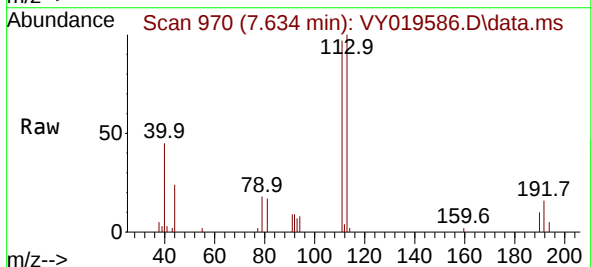
Instrument :
MSVOA_Y
ClientSampleId :
SW-3-TANK17

Tgt Ion:	114	Resp:	25194
Ion Ratio	Lower	Upper	
114	100		
63	22.2	0.0	35.0
88	14.0	0.0	27.2



#35
Dibromofluoromethane
Concen: 46.393 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY019586.D
Acq: 17 Sep 2024 15:25

Tgt Ion:	113	Resp:	6627
Ion Ratio	Lower	Upper	
113	100		
111	105.9	82.2	123.4
192	17.5	15.9	23.9

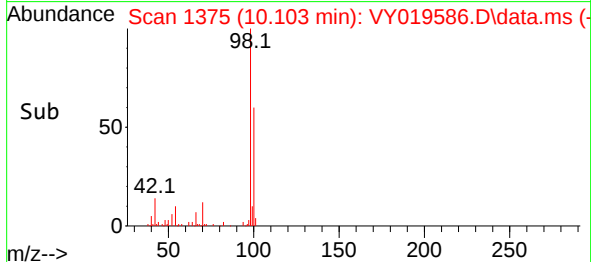
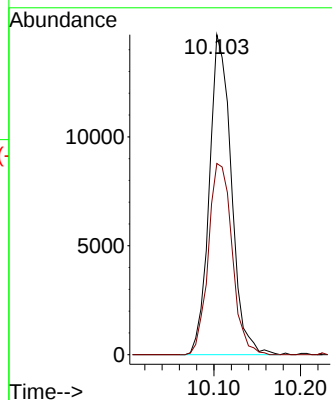
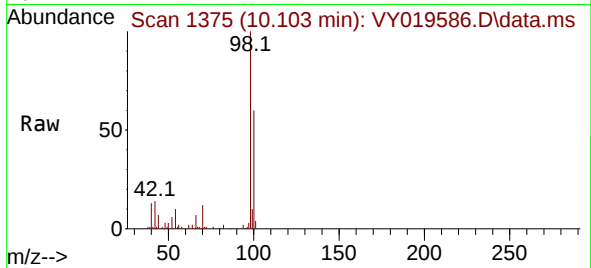




#50
Toluene-d8
Concen: 49.070 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019586.D
Acq: 17 Sep 2024 15:25

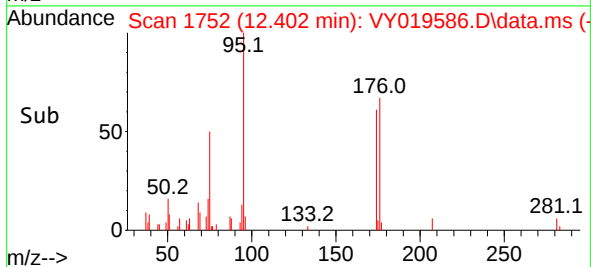
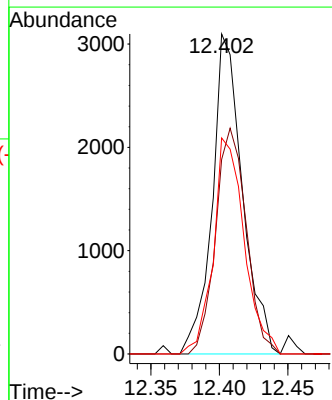
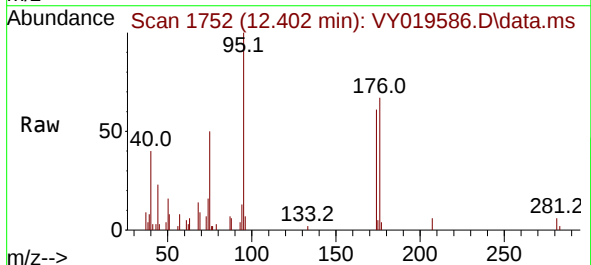
Instrument :
MSVOA_Y
ClientSampleId :
SW-3-TANK17

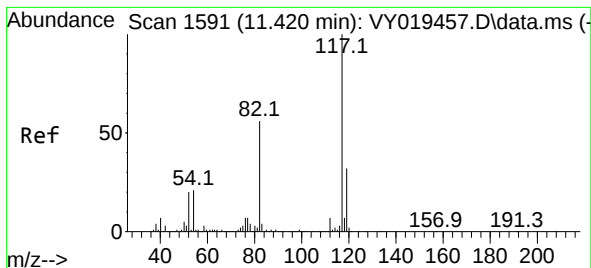
Tgt Ion: 98 Resp: 25926
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 23.342 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019586.D
Acq: 17 Sep 2024 15:25

Tgt Ion: 95 Resp: 4742
Ion Ratio Lower Upper
95 100
174 71.7 0.0 175.6
176 69.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019586.D

Acq: 17 Sep 2024 15:25

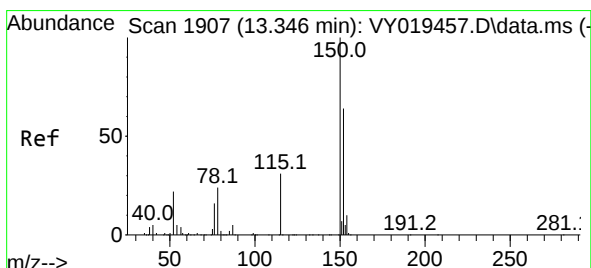
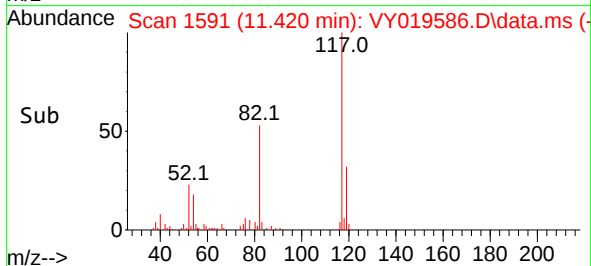
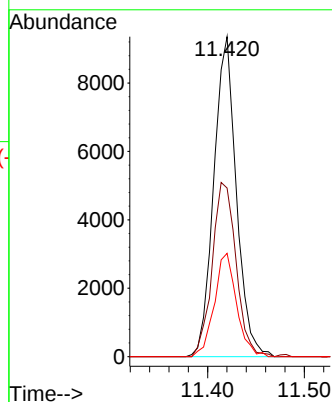
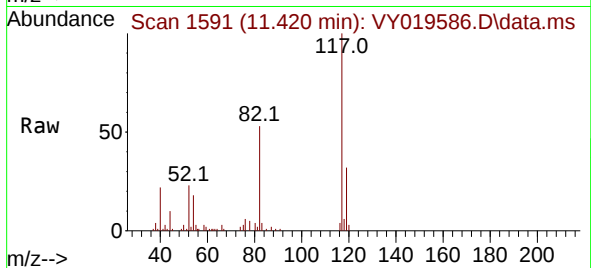
Instrument :

MSVOA_Y

ClientSampleId :

SW-3-TANK17

Tgt Ion:	117	Resp:	15157
Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.4	63.6
119	32.3	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019586.D

Acq: 17 Sep 2024 15:25

Tgt Ion:	152	Resp:	2278
Ion	Ratio	Lower	Upper
152	100		
115	61.1	28.2	84.7
150	184.8	0.0	345.6

