

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091724\
 Data File : VY019585.D
 Acq On : 17 Sep 2024 15:01
 Operator : SY/MD
 Sample : P4015-04
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-2-TANK17

Quant Time: Sep 18 01:33:03 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	7.701	168	59378	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	89978	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	61102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	17212	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	23922	43.508	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.020%
35) Dibromofluoromethane	7.628	113	24408	47.844	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.680%
50) Toluene-d8	10.109	98	97899	51.882	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.760%
62) 4-Bromofluorobenzene	12.402	95	23069	31.795	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	63.600%

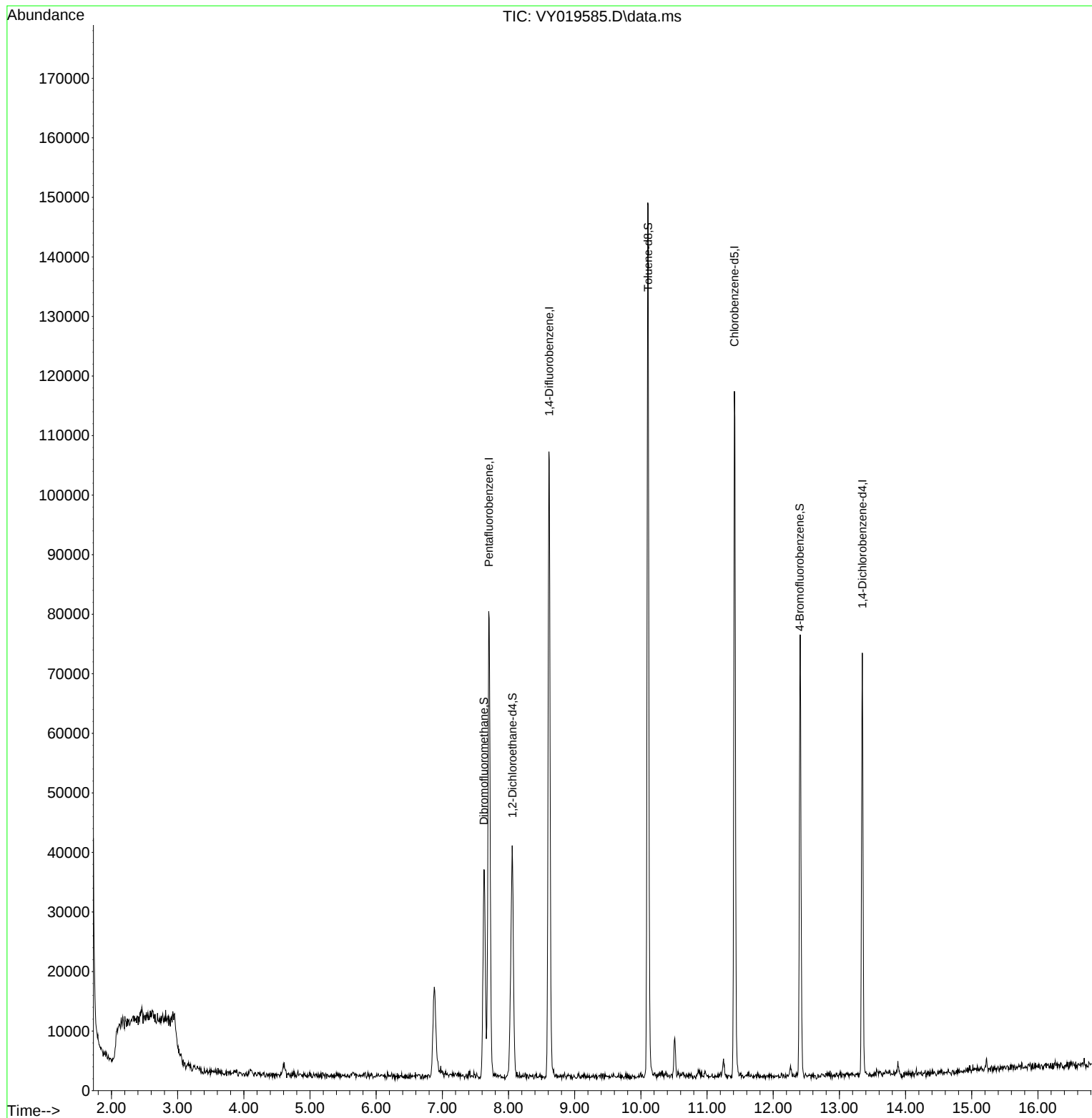
Target Compounds	Qvalue

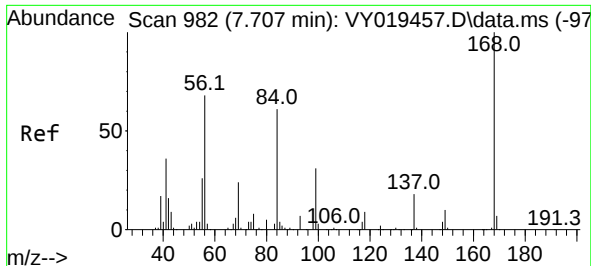
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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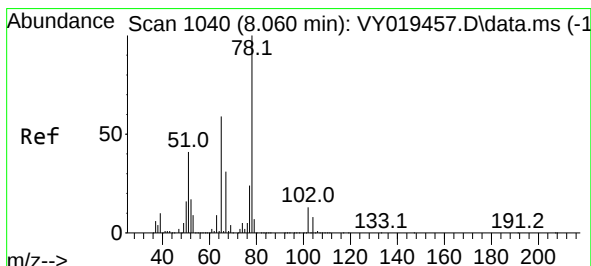
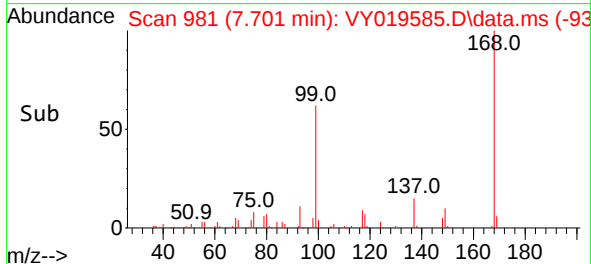
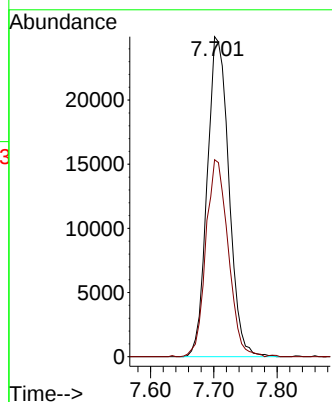
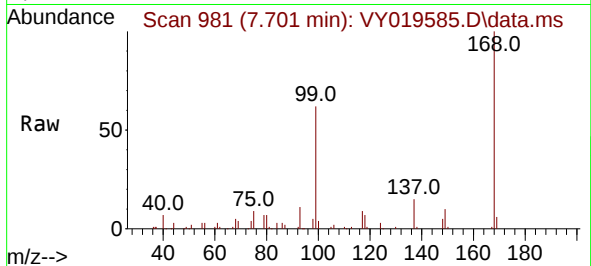




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY019585.D
Acq: 17 Sep 2024 15:01

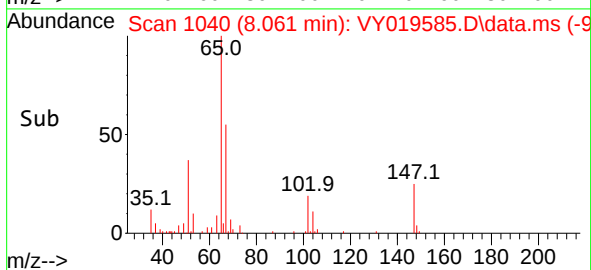
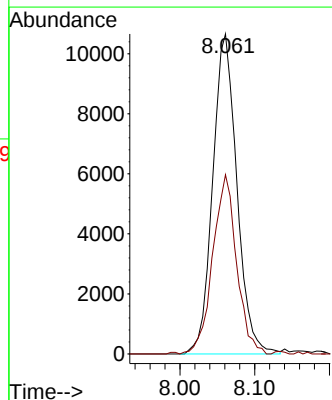
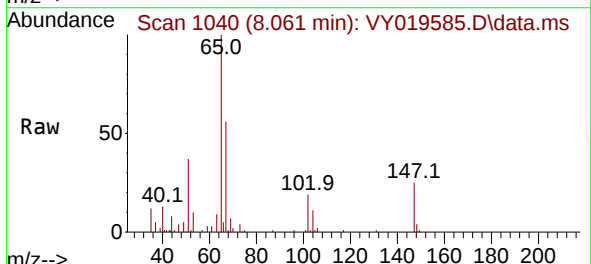
Instrument :
MSVOA_Y
ClientSampleId :
SW-2-TANK17

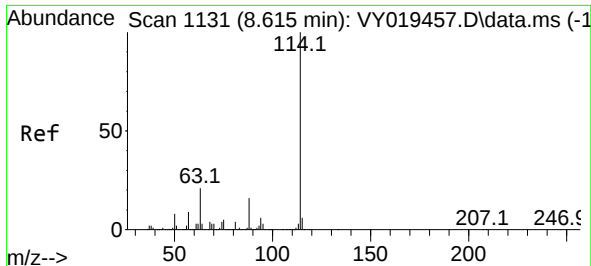
Tgt Ion:168 Resp: 59378
Ion Ratio Lower Upper
168 100
99 61.5 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 43.508 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019585.D
Acq: 17 Sep 2024 15:01

Tgt Ion: 65 Resp: 23922
Ion Ratio Lower Upper
65 100
67 55.2 0.0 109.6

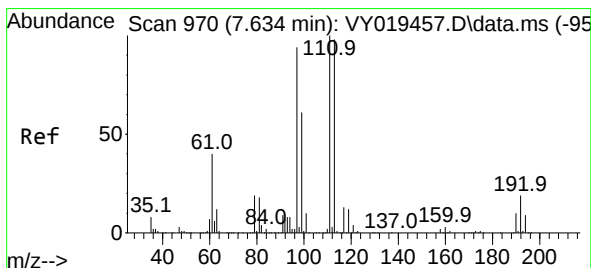
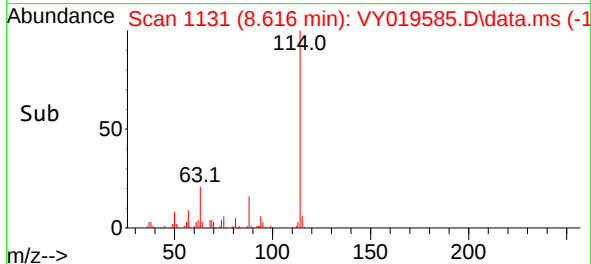
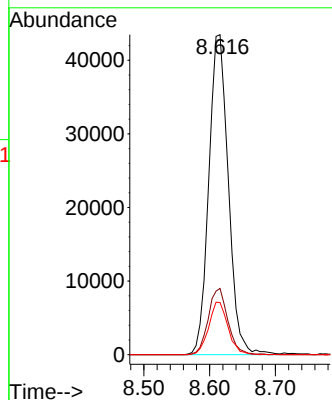
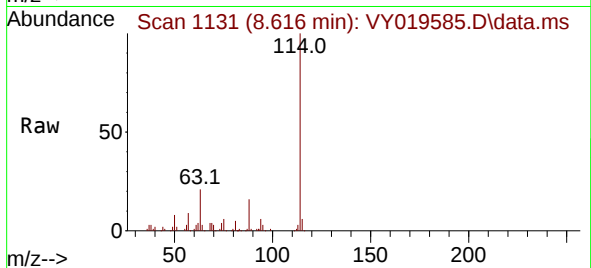




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY019585.D
Acq: 17 Sep 2024 15:01

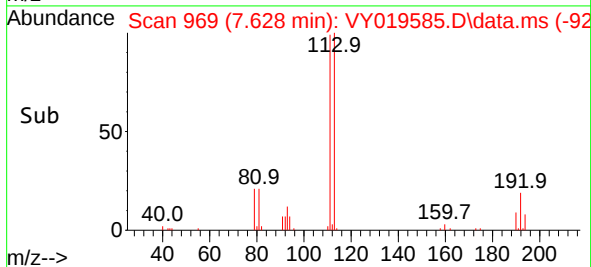
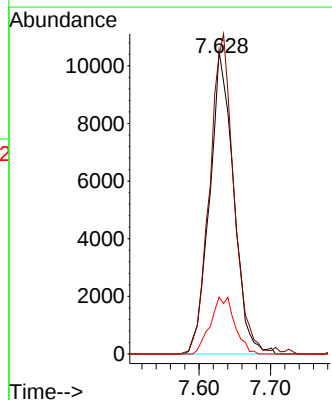
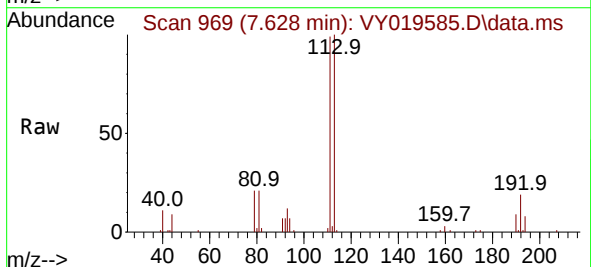
Instrument :
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ClientSampleId :
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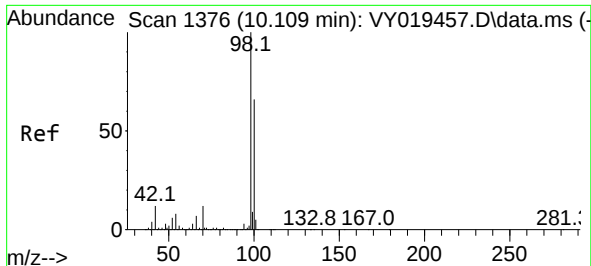
Tgt Ion:	114	Resp:	89978
Ion Ratio	Lower	Upper	
114	100		
63	20.7	0.0	35.0
88	16.3	0.0	27.2



#35
Dibromofluoromethane
Concen: 47.844 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY019585.D
Acq: 17 Sep 2024 15:01

Tgt Ion:	113	Resp:	24408
Ion Ratio	Lower	Upper	
113	100		
111	106.7	82.2	123.4
192	19.1	15.9	23.9

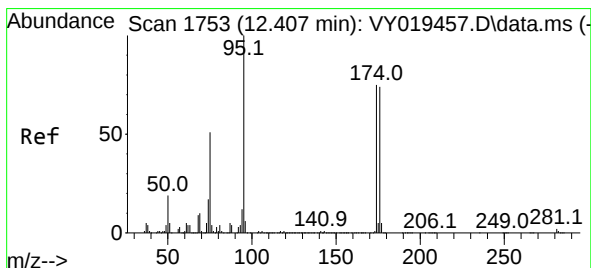
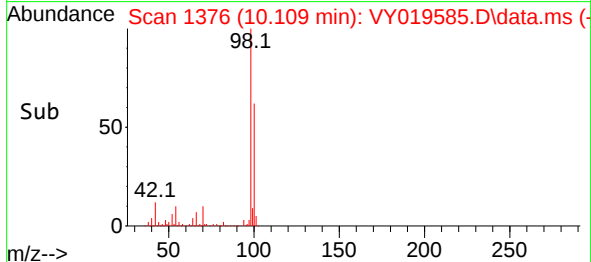
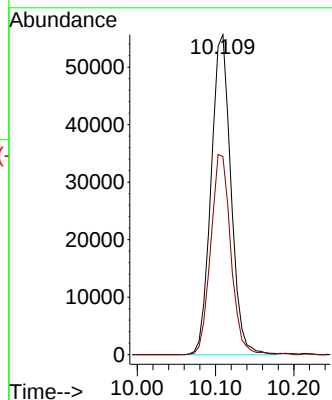
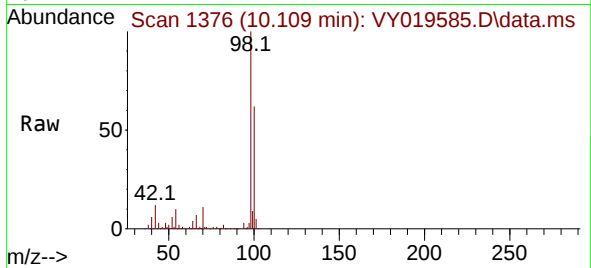




#50
Toluene-d8
Concen: 51.882 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019585.D
Acq: 17 Sep 2024 15:01

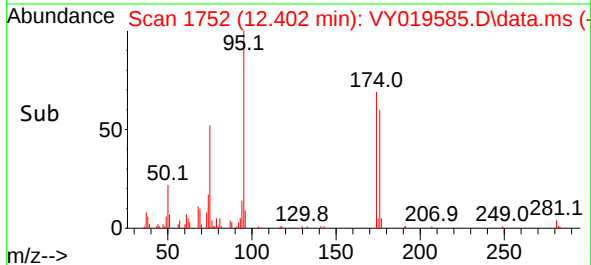
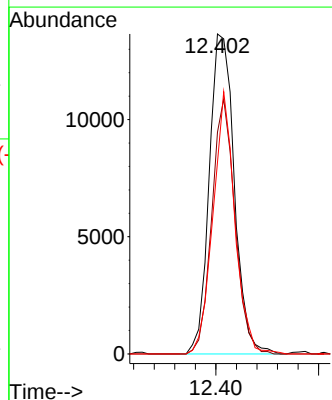
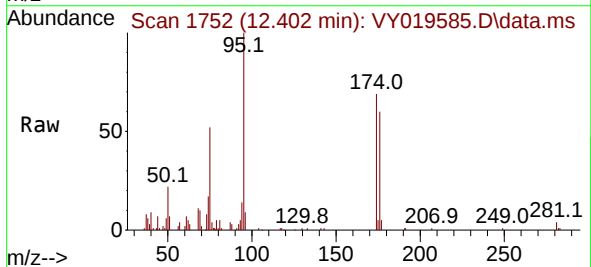
Instrument :
MSVOA_Y
ClientSampleId :
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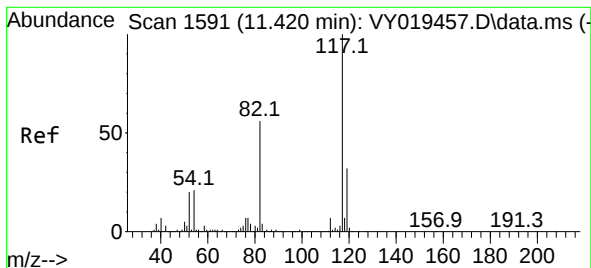
Tgt Ion: 98 Resp: 97899
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 31.795 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019585.D
Acq: 17 Sep 2024 15:01

Tgt Ion: 95 Resp: 23069
Ion Ratio Lower Upper
95 100
174 73.5 0.0 175.6
176 71.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019585.D

Acq: 17 Sep 2024 15:01

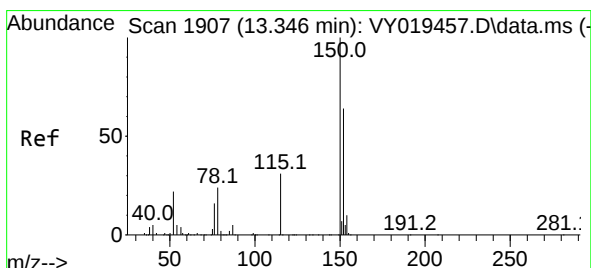
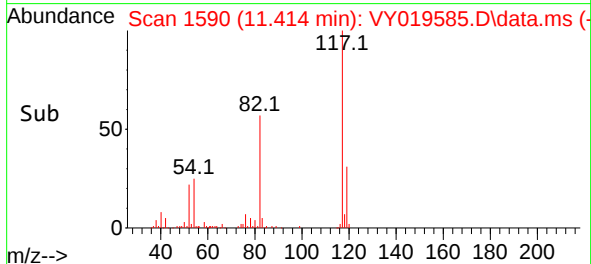
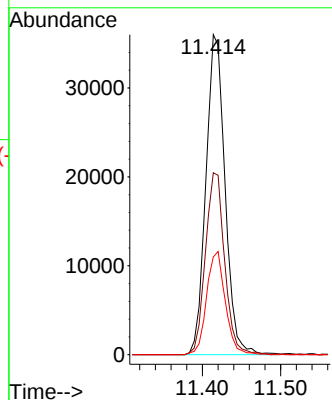
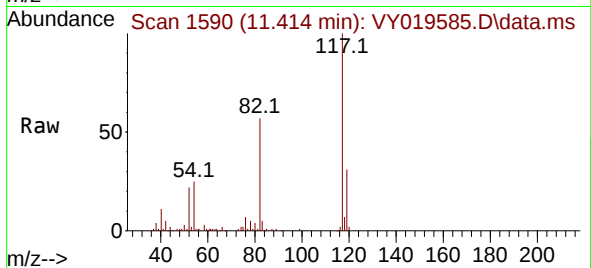
Instrument :

MSVOA_Y

ClientSampleId :

SW-2-TANK17

Tgt Ion:117	Resp:	61102
Ion	Ratio	Lower Upper
117	100	
82	56.9	42.4 63.6
119	30.5	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: VY019585.D

Acq: 17 Sep 2024 15:01

Tgt Ion:152	Resp:	17212
Ion	Ratio	Lower Upper
152	100	
115	64.4	28.2 84.7
150	154.6	0.0 345.6

