

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY083024\  
 Data File : VY019400.D  
 Acq On : 30 Aug 2024 17:00  
 Operator : SY/MD  
 Sample : P3732-01  
 Misc : 7.80g/5.0mL/MSVOA\_Y/SOIL/B  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 UI-1

Quant Time: Aug 30 23:17:24 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y082924S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 30 02:45:30 2024  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.701	168	140643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	258987	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	226082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	64068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	79233	59.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.960%
35) Dibromofluoromethane	7.628	113	79545	48.580	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.160%
50) Toluene-d8	10.109	98	285721	47.402	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.800%
62) 4-Bromofluorobenzene	12.408	95	86263	44.247	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	88.500%

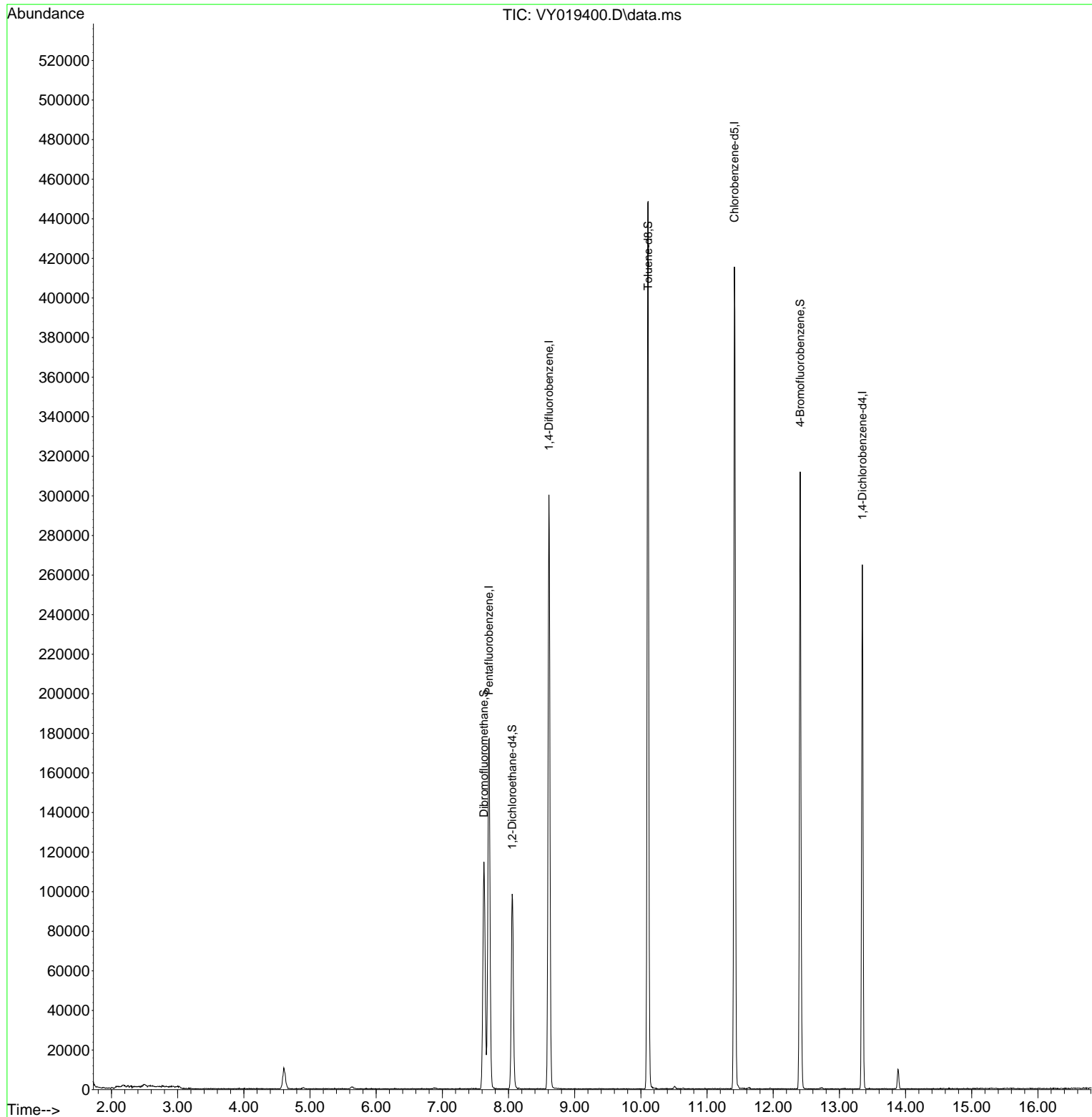
Target Compounds Qvalue

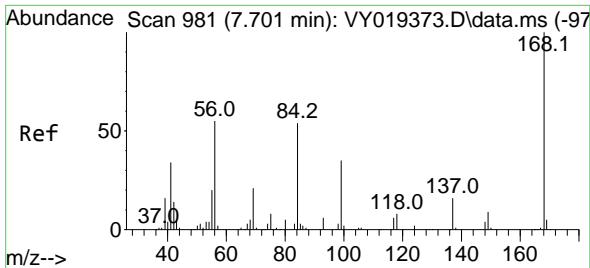
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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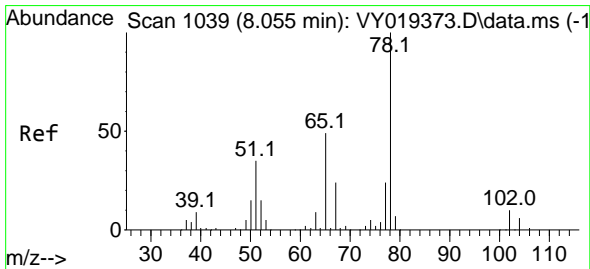
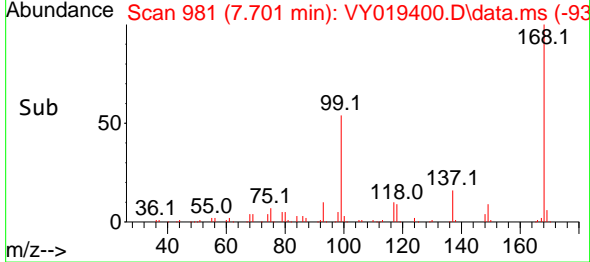
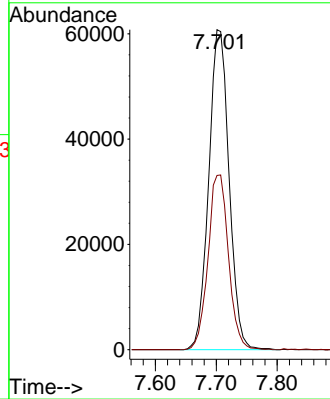
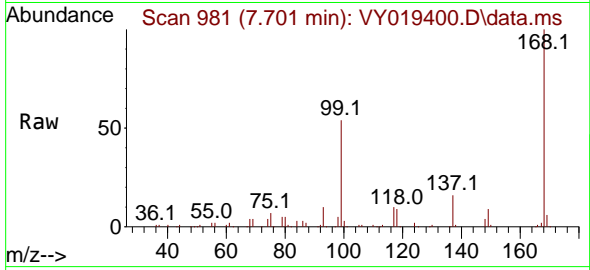




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.701 min Scan# 981  
 Delta R.T. 0.000 min  
 Lab File: VY019400.D  
 Acq: 30 Aug 2024 17:00

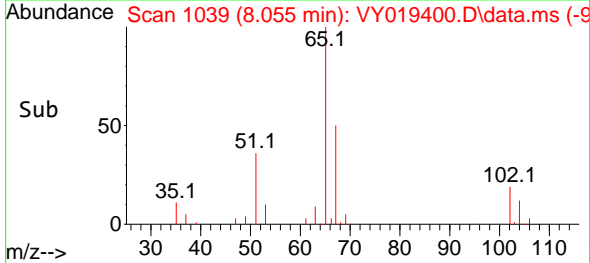
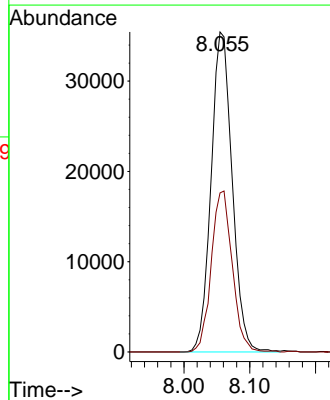
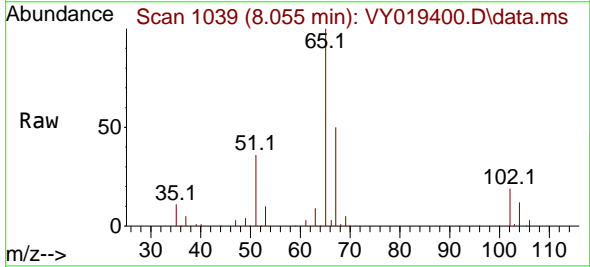
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 UI-1

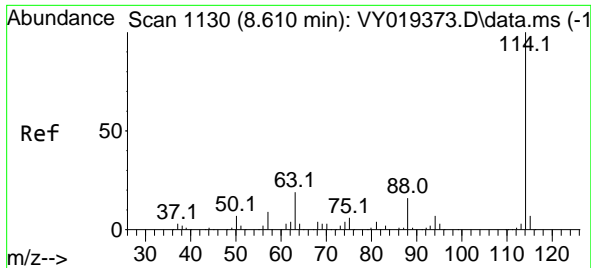
Tgt Ion:168 Resp: 140643  
 Ion Ratio Lower Upper  
 168 100  
 99 54.4 39.1 58.7



#33  
 1,2-Dichloroethane-d4  
 Concen: 59.478 ug/l  
 RT: 8.055 min Scan# 1039  
 Delta R.T. -0.000 min  
 Lab File: VY019400.D  
 Acq: 30 Aug 2024 17:00

Tgt Ion: 65 Resp: 79233  
 Ion Ratio Lower Upper  
 65 100  
 67 50.0 0.0 109.6



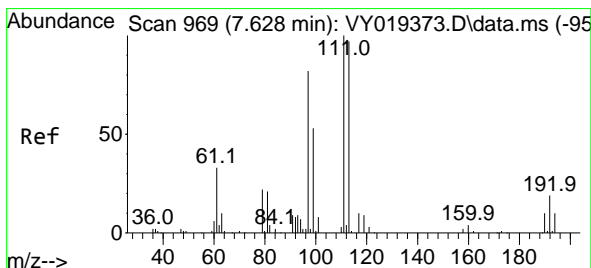
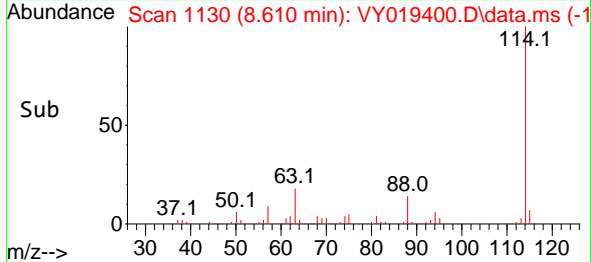
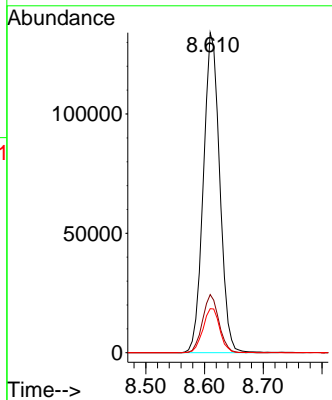
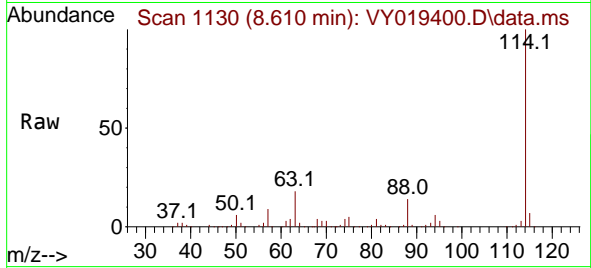


#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.610 min Scan# 1130  
 Delta R.T. -0.000 min  
 Lab File: VY019400.D  
 Acq: 30 Aug 2024 17:00

Instrument : MSVOA\_Y  
 ClientSampleId : UI-1

Tgt Ion:114 Resp: 258987

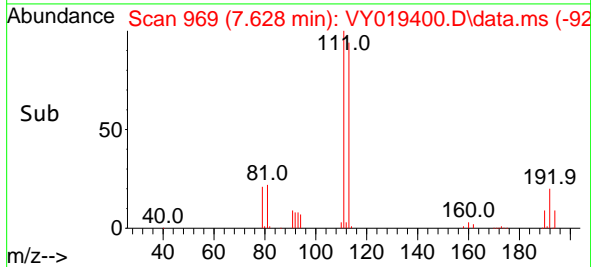
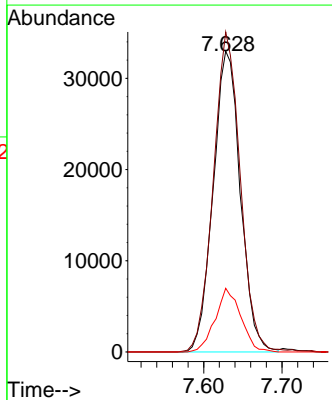
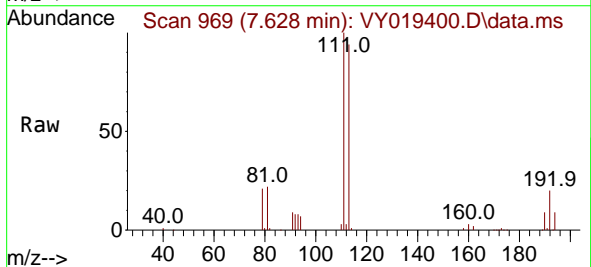
Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	35.0
88	13.7	0.0	27.2

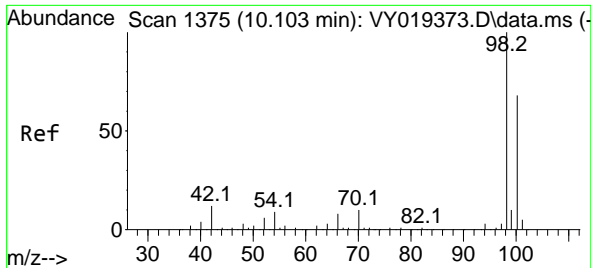


#35  
 Dibromofluoromethane  
 Concen: 48.580 ug/l  
 RT: 7.628 min Scan# 969  
 Delta R.T. -0.000 min  
 Lab File: VY019400.D  
 Acq: 30 Aug 2024 17:00

Tgt Ion:113 Resp: 79545

Ion	Ratio	Lower	Upper
113	100		
111	105.6	82.2	123.4
192	20.0	15.9	23.9

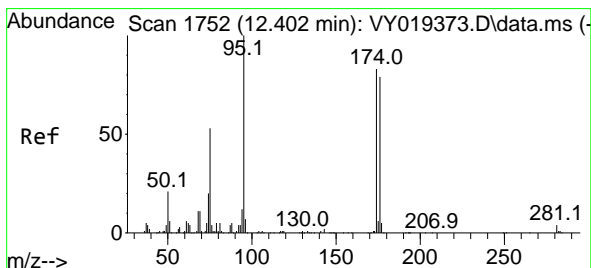
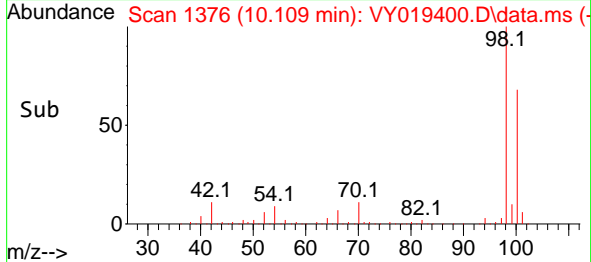
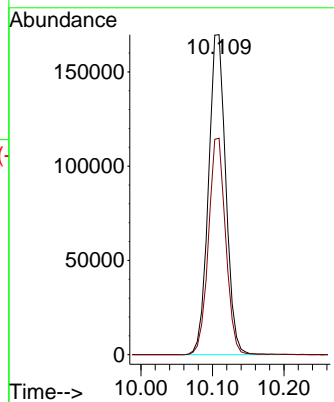
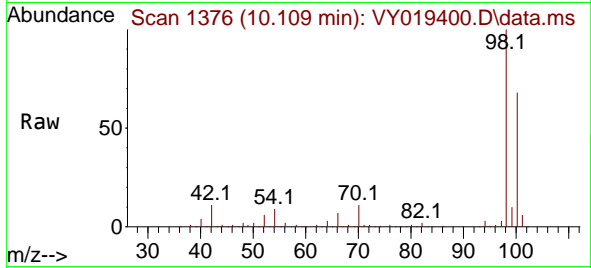




#50  
 Toluene-d8  
 Concen: 47.402 ug/l  
 RT: 10.109 min Scan# 11  
 Delta R.T. 0.006 min  
 Lab File: VY019400.D  
 Acq: 30 Aug 2024 17:00

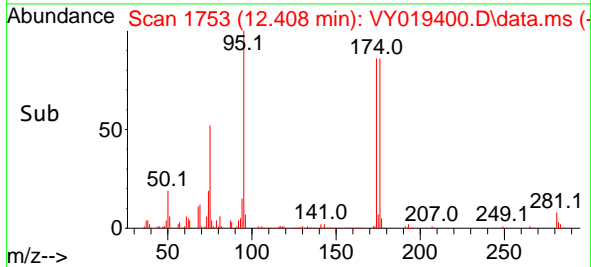
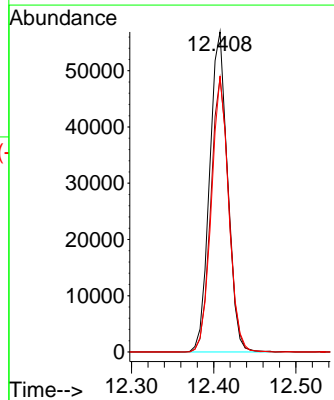
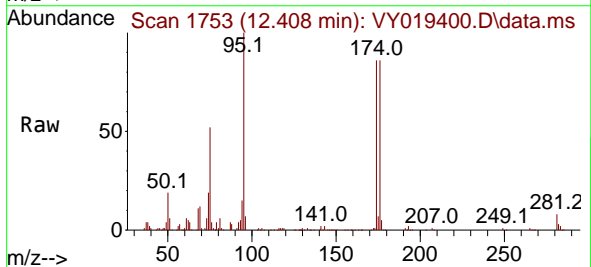
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 UI-1

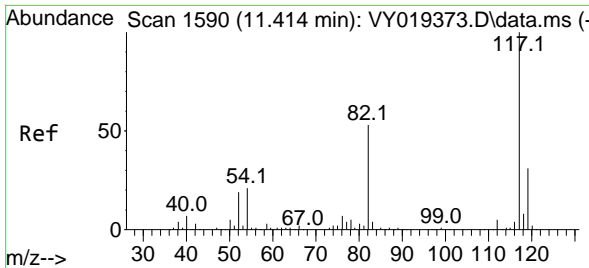
Tgt Ion: 98 Resp: 285721  
 Ion Ratio Lower Upper  
 98 100  
 100 67.0 52.0 78.0



#62  
 4-Bromofluorobenzene  
 Concen: 44.247 ug/l  
 RT: 12.408 min Scan# 1753  
 Delta R.T. 0.006 min  
 Lab File: VY019400.D  
 Acq: 30 Aug 2024 17:00

Tgt Ion: 95 Resp: 86263  
 Ion Ratio Lower Upper  
 95 100  
 174 86.1 0.0 175.6  
 176 83.3 0.0 171.4



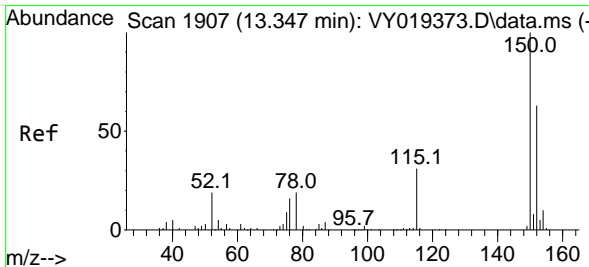
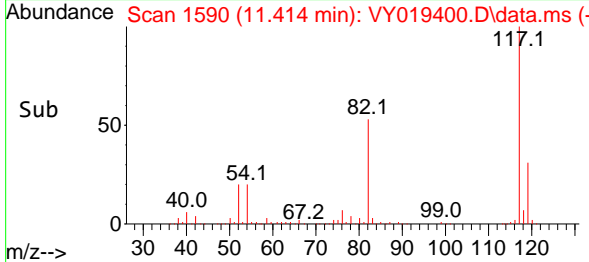
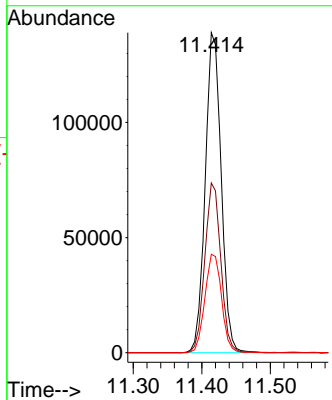
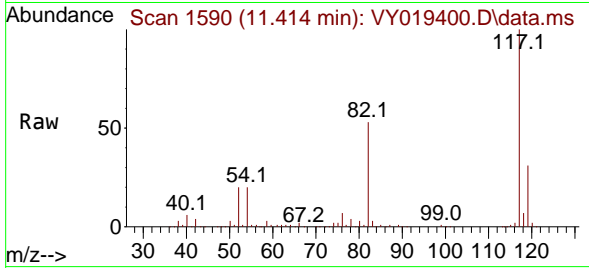


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.414 min Scan# 117  
 Delta R.T. -0.000 min  
 Lab File: VY019400.D  
 Acq: 30 Aug 2024 17:00

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 UI-1

Tgt Ion:117 Resp: 226082

Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.4	63.6
119	30.7	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: VY019400.D  
 Acq: 30 Aug 2024 17:00

Tgt Ion:152 Resp: 64068

Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.2	84.7
150	160.2	0.0	345.6

