

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY070323\  
 Data File : VY014544.D  
 Acq On : 03 Jul 2023 18:43  
 Operator : KP/MD  
 Sample : 03475-03  
 Misc : 5.09g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ALDENE-COMP-2

Quant Time: Jul 04 03:04:58 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y063023S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 30 19:02:11 2023  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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Internal Standards						
1) Pentafluorobenzene	7.783	168	283821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	449572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	435329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	211804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	156044	55.268	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.540%
35) Dibromofluoromethane	7.710	113	145608	52.595	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.180%
50) Toluene-d8	10.179	98	531774	48.590	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.180%
62) 4-Bromofluorobenzene	12.477	95	176530	46.452	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.900%

Target Compounds Qvalue

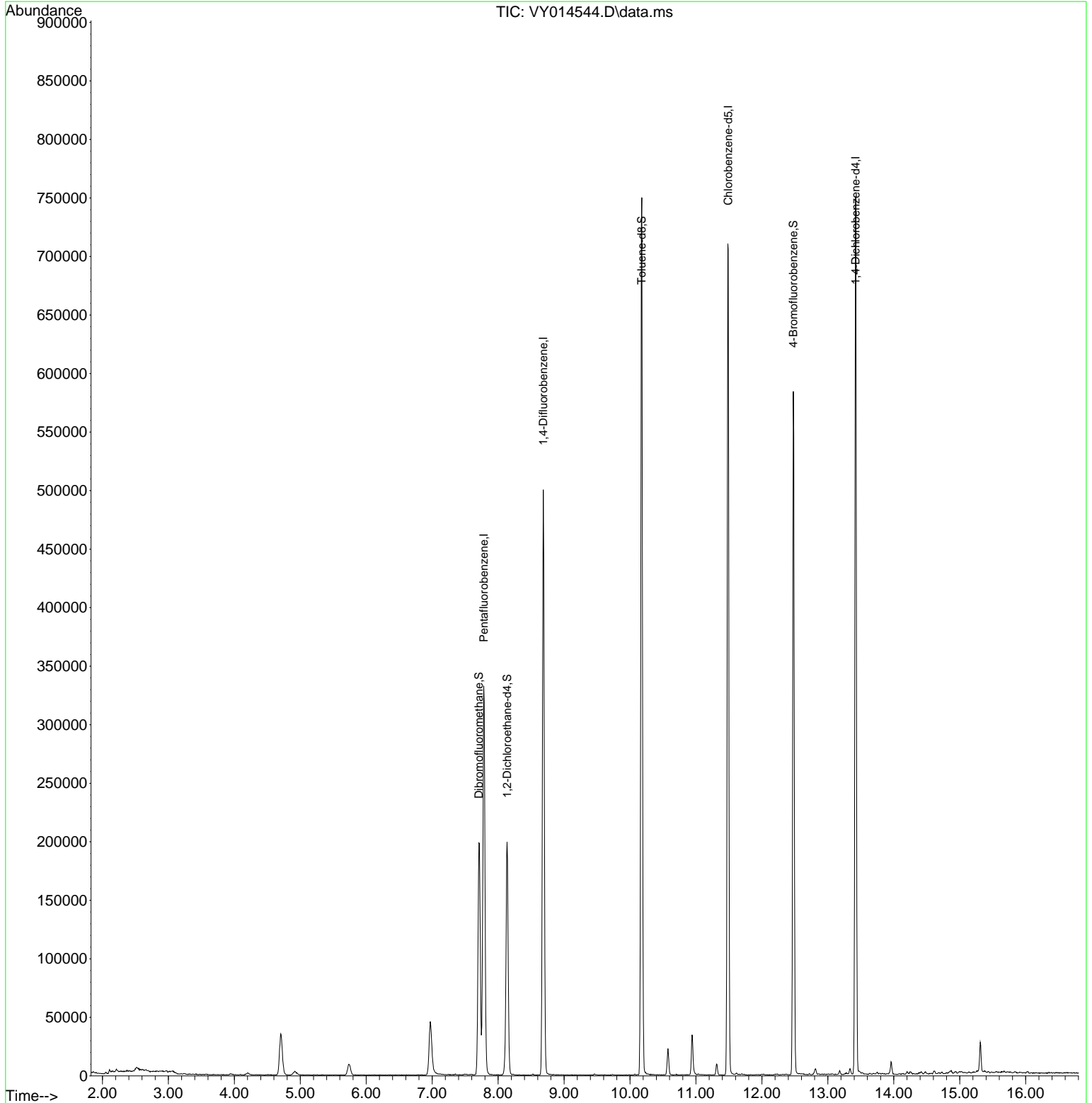
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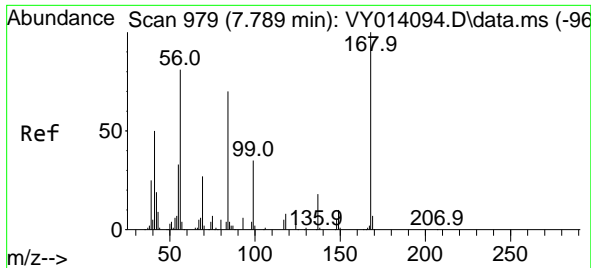
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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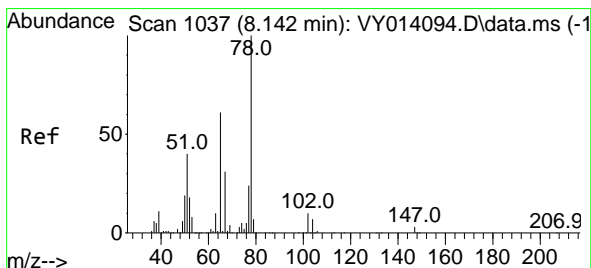
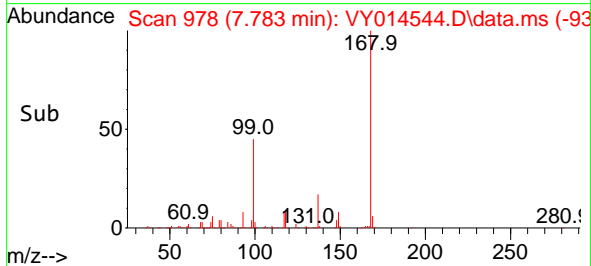
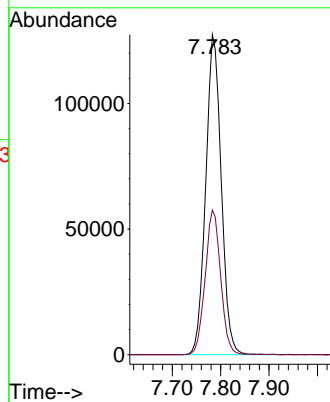
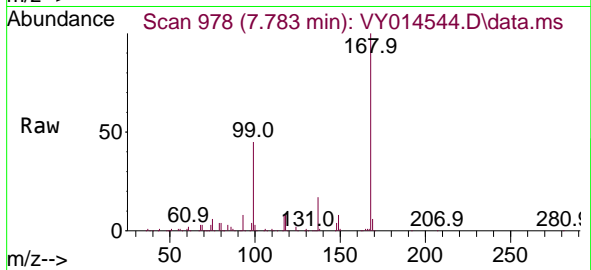




#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.783 min Scan# 91  
 Delta R.T. -0.006 min  
 Lab File: VY014544.D  
 Acq: 03 Jul 2023 18:43

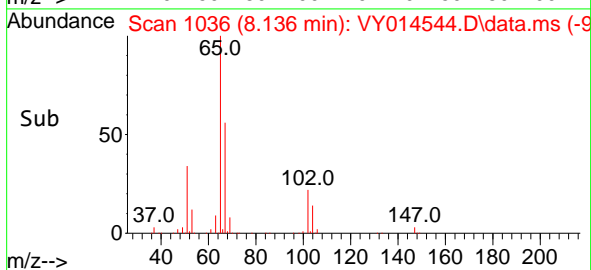
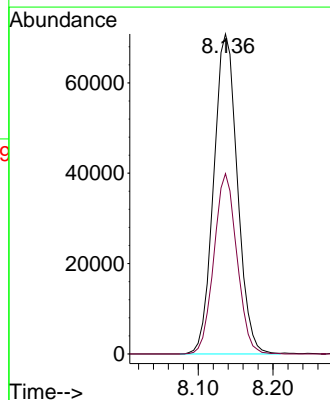
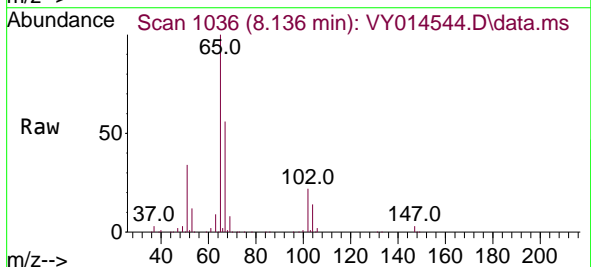
Instrument : MSVOA\_Y  
 ClientSampleId : ALDENE-COMP-2

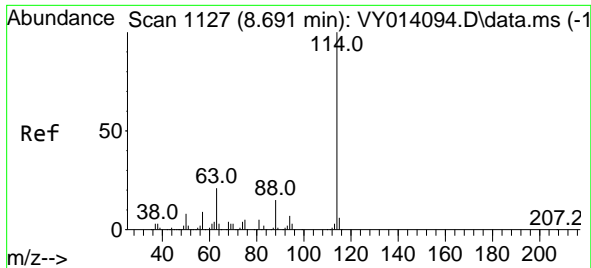
Tgt Ion:168 Resp: 283821  
 Ion Ratio Lower Upper  
 168 100  
 99 45.2 43.4 65.0



#33  
 1,2-Dichloroethane-d4  
 Concen: 55.268 ug/l  
 RT: 8.136 min Scan# 1036  
 Delta R.T. -0.006 min  
 Lab File: VY014544.D  
 Acq: 03 Jul 2023 18:43

Tgt Ion: 65 Resp: 156044  
 Ion Ratio Lower Upper  
 65 100  
 67 54.8 0.0 101.8

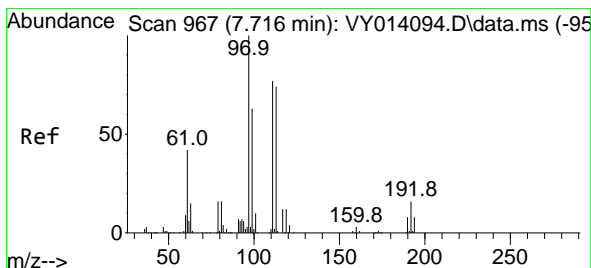
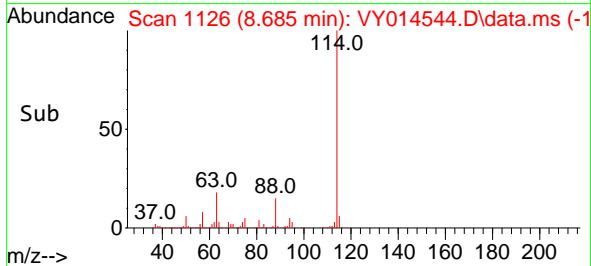
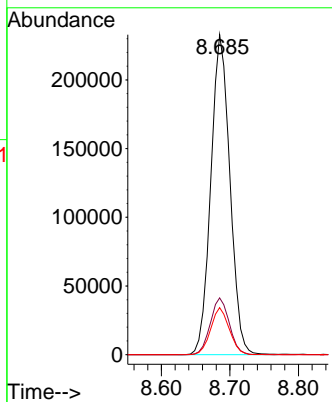
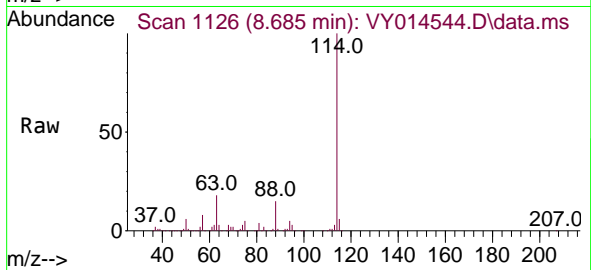




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.685 min Scan# 1126  
 Delta R.T. -0.006 min  
 Lab File: VY014544.D  
 Acq: 03 Jul 2023 18:43

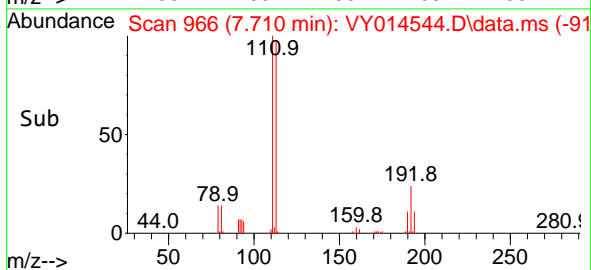
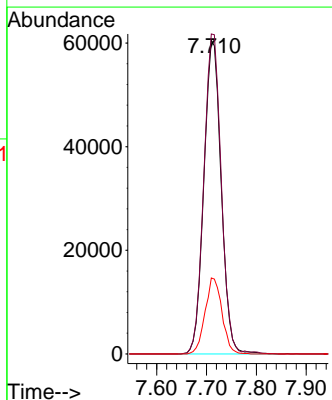
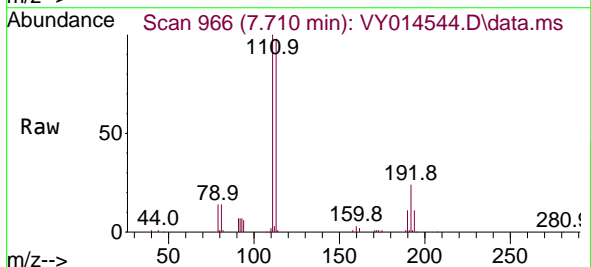
Instrument : MSVOA\_Y  
 ClientSampleId : ALDENE-COMP-2

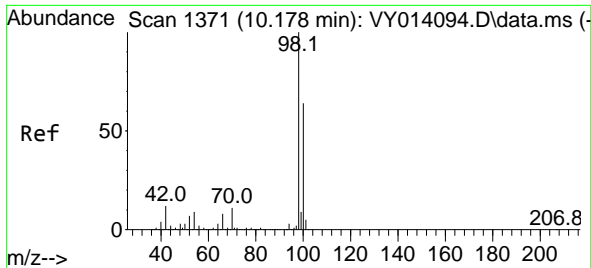
Tgt Ion	Resp	Lower	Upper
114	100		
63	17.8	0.0	42.4
88	14.7	0.0	30.6



#35  
 Dibromofluoromethane  
 Concen: 52.595 ug/l  
 RT: 7.710 min Scan# 966  
 Delta R.T. -0.006 min  
 Lab File: VY014544.D  
 Acq: 03 Jul 2023 18:43

Tgt Ion	Resp	Lower	Upper
113	100		
111	102.9	81.3	121.9
192	23.7	16.9	25.3

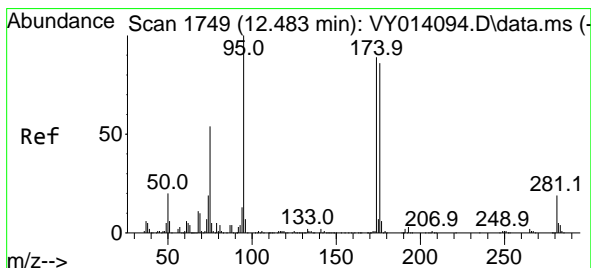
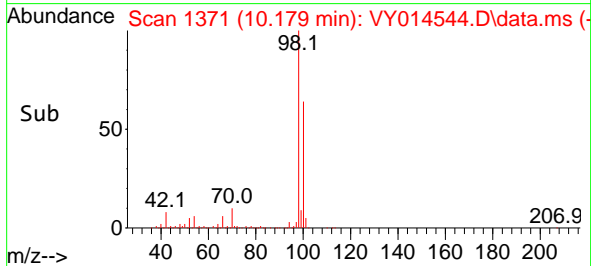
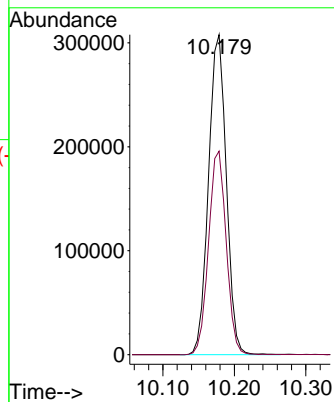
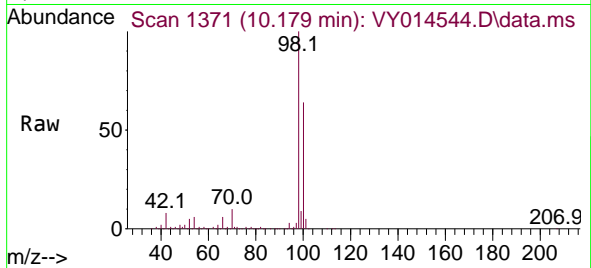




#50  
 Toluene-d8  
 Concen: 48.590 ug/l  
 RT: 10.179 min Scan# 11  
 Delta R.T. 0.001 min  
 Lab File: VY014544.D  
 Acq: 03 Jul 2023 18:43

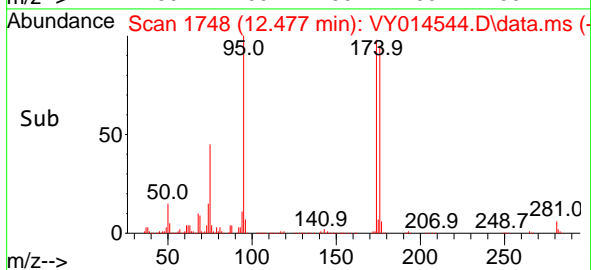
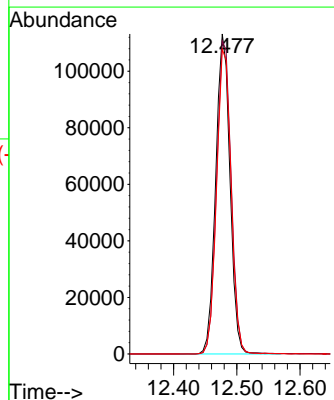
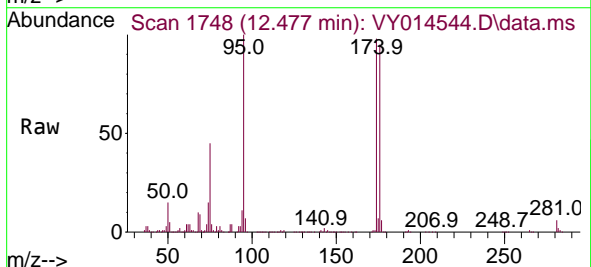
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 ALDENE-COMP-2

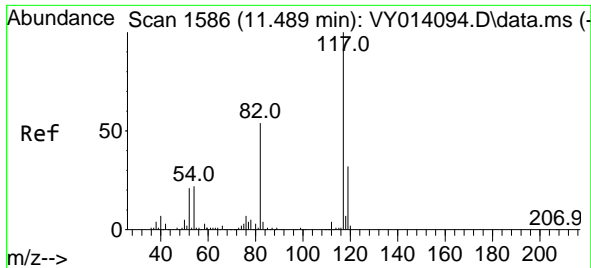
Tgt Ion: 98 Resp: 531774  
 Ion Ratio Lower Upper  
 98 100  
 100 63.3 50.1 75.1



#62  
 4-Bromofluorobenzene  
 Concen: 46.452 ug/l  
 RT: 12.477 min Scan# 1748  
 Delta R.T. -0.006 min  
 Lab File: VY014544.D  
 Acq: 03 Jul 2023 18:43

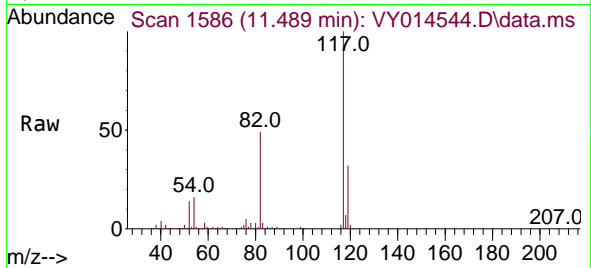
Tgt Ion: 95 Resp: 176530  
 Ion Ratio Lower Upper  
 95 100  
 174 100.2 0.0 178.2  
 176 96.5 0.0 173.8





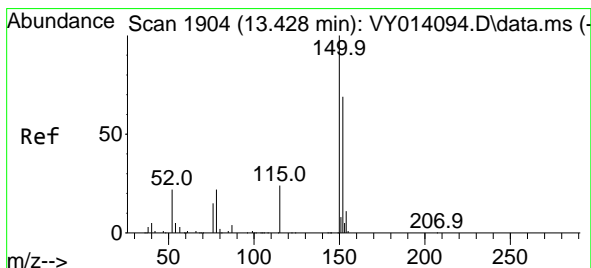
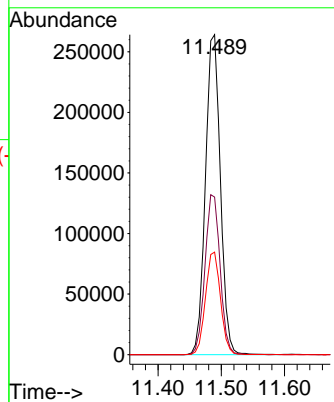
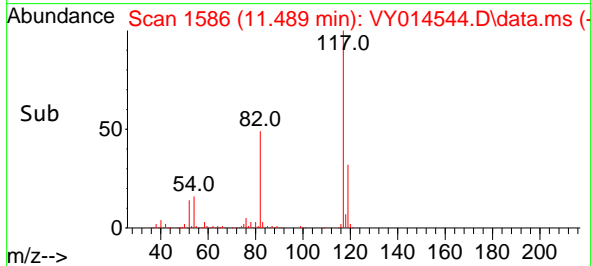
#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.489 min Scan# 111  
 Delta R.T. 0.000 min  
 Lab File: VY014544.D  
 Acq: 03 Jul 2023 18:43

Instrument : MSVOA\_Y  
 ClientSampleId : ALDENE-COMP-2

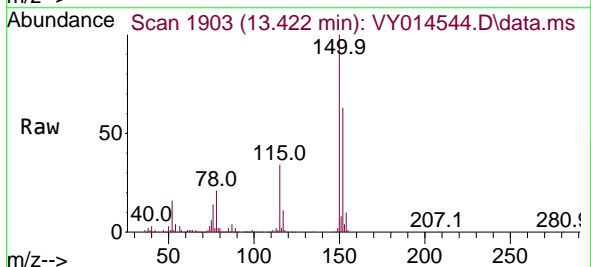


Tgt Ion:117 Resp: 435329

Ion	Ratio	Lower	Upper
117	100		
82	49.3	43.4	65.0
119	32.1	26.3	39.5



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.422 min Scan# 1903  
 Delta R.T. -0.006 min  
 Lab File: VY014544.D  
 Acq: 03 Jul 2023 18:43



Tgt Ion:152 Resp: 211804

Ion	Ratio	Lower	Upper
152	100		
115	53.6	28.8	86.5
150	155.9	0.0	348.8

