

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033309.D
 Acq On : 14 Dec 2023 04:43
 Operator : SY/MD
 Sample : 05770-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0Y81

Quant Time: Dec 14 05:46:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 14 01:07:25 2023
 Response via : Initial Calibration

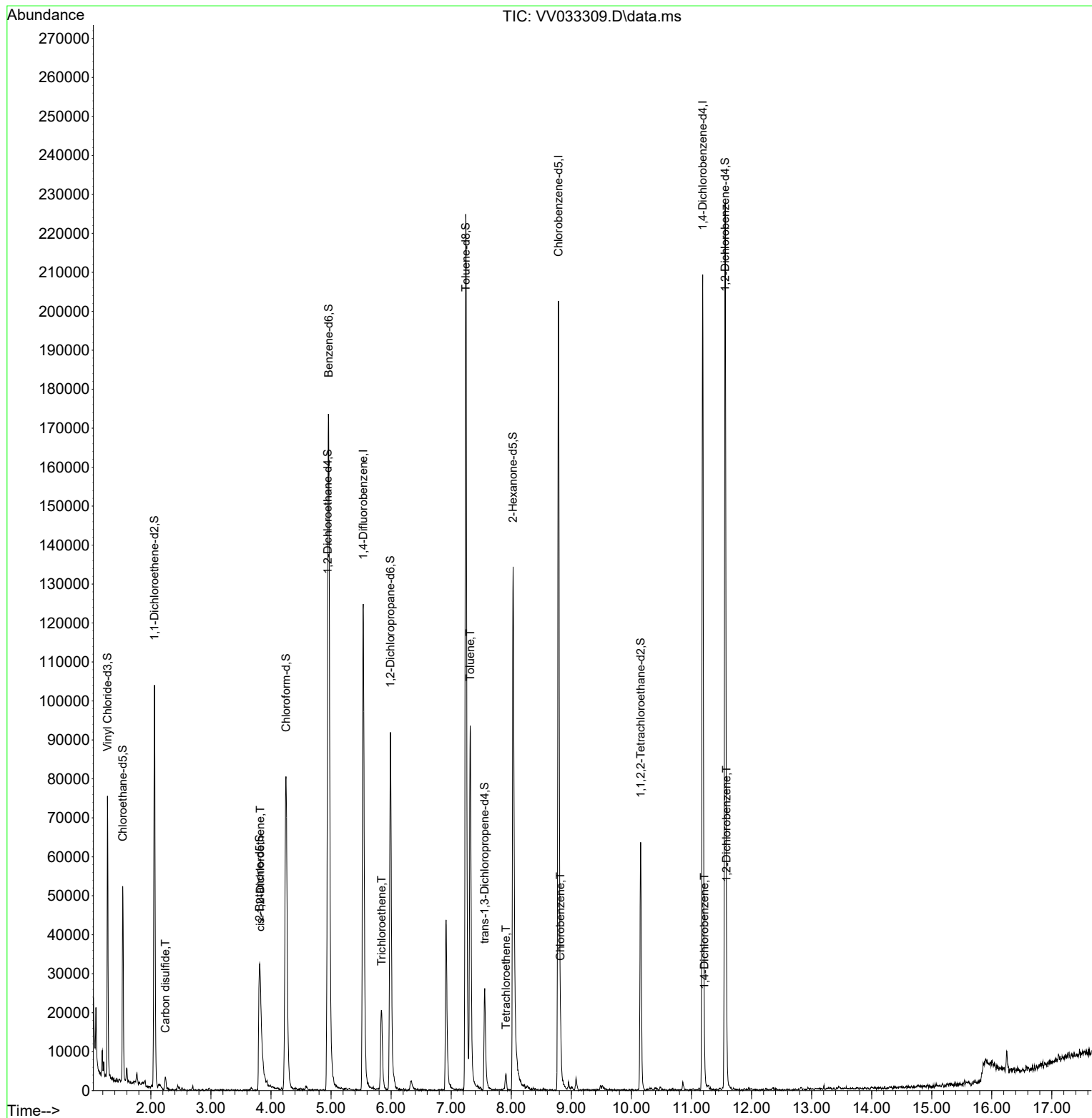
Compound		R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards							
1) 1,4-Difluorobenzene		5.535	114	122656	5.000	ug/L	0.00
28) Chlorobenzene-d5		8.786	117	121668	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.188	152	63638	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.278	65	40854	5.196	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.000%	
7) Chloroethane-d5		1.532	69	31468	5.381	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.600%	
11) 1,1-Dichloroethene-d2		2.060	65	16072	5.136	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.800%	
20) 2-Butanone-d5		3.809	46	52695	56.631	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.260%	
24) Chloroform-d		4.249	84	90650	5.527	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.600%	
26) 1,2-Dichloroethane-d4		4.944	65	41169	5.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.600%	
32) Benzene-d6		4.960	84	172365	5.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.600%	
36) 1,2-Dichloropropane-d6		5.989	67	40314	5.627	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.600%	
41) Toluene-d8		7.243	98	161120	5.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%	
43) trans-1,3-Dichloroprop...		7.558	79	17410	5.327	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.600%	
46) 2-Hexanone-d5		8.030	63	55270	60.578	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.160%	
56) 1,1,2,2-Tetrachloroeth...		10.156	84	28071	5.794	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.800%	
66) 1,2-Dichlorobenzene-d4		11.561	152	65304	5.826	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.600%	
Target Compounds							Qvalue
14) Carbon disulfide		2.243	76	4063	0.178	ug/L	98
22) cis-1,2-Dichloroethene		3.821	96	4580	0.521	ug/L	91
34) Trichloroethene		5.841	95	7528	0.792	ug/L	84
42) Toluene		7.317	91	72145	1.932	ug/L	99
47) Tetrachloroethene		7.911	164	1045	0.116	ug/L	88
51) Chlorobenzene		8.818	112	7635	0.299	ug/L	97
65) 1,4-Dichlorobenzene		11.217	146	1739	0.081	ug/L	85
67) 1,2-Dichlorobenzene		11.583	146	2637	0.143	ug/L #	84

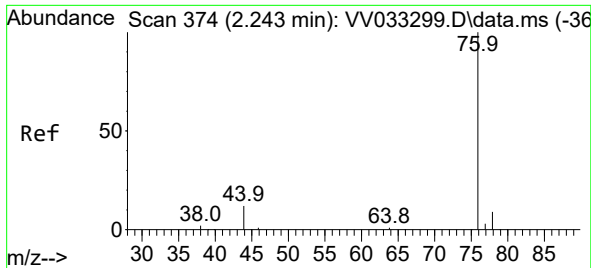
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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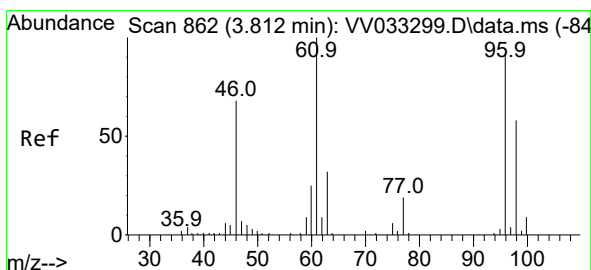
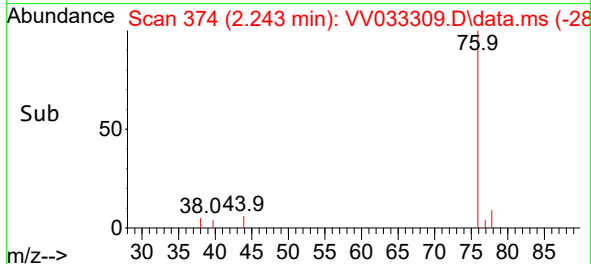
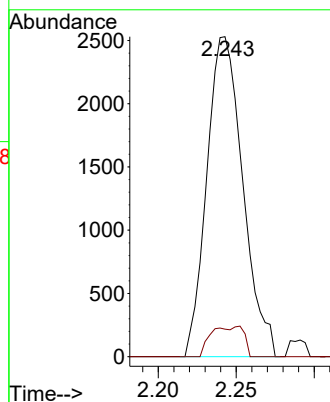
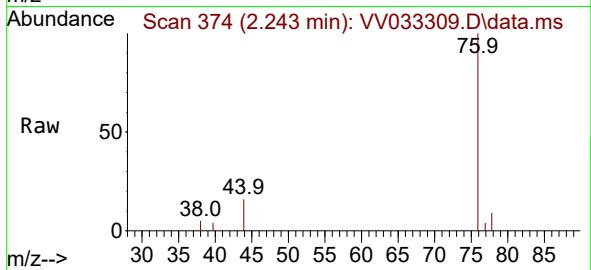




#14
Carbon disulfide
Concen: 0.178 ug/L
RT: 2.243 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV033309.D
Acq: 14 Dec 2023 04:43

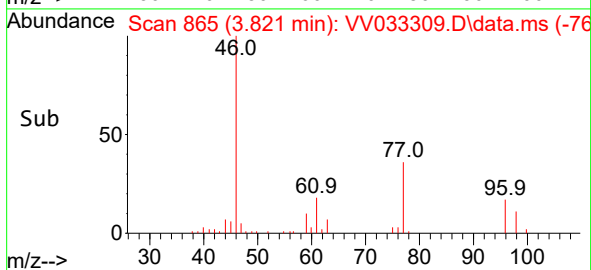
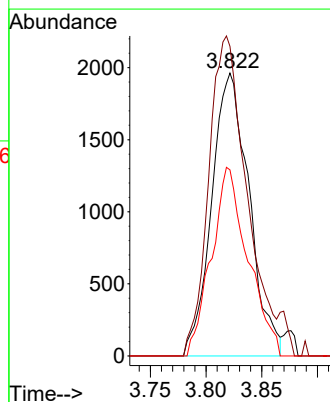
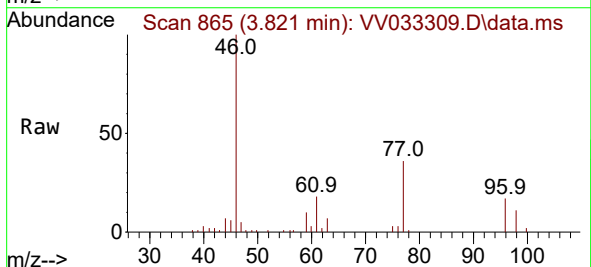
Instrument :
MSVOA_V
ClientSampleId :
E0Y81

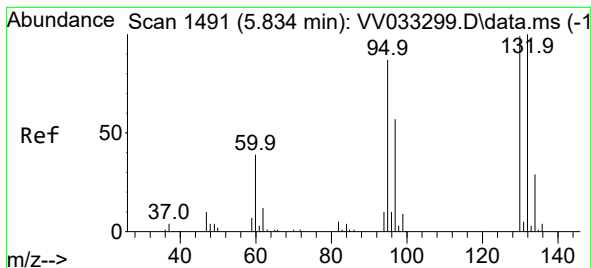
Tgt Ion: 76 Resp: 4063
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#22
cis-1,2-Dichloroethene
Concen: 0.521 ug/L
RT: 3.821 min Scan# 865
Delta R.T. 0.010 min
Lab File: VV033309.D
Acq: 14 Dec 2023 04:43

Tgt Ion: 96 Resp: 4580
Ion Ratio Lower Upper
96 100
61 109.5 69.9 129.9
98 65.8 42.4 78.8





#34

Trichloroethene

Concen: 0.792 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VV033309.D

Acq: 14 Dec 2023 04:43

Instrument :

MSVOA_V

ClientSampleId :

E0Y81

Tgt Ion: 95 Resp: 7528

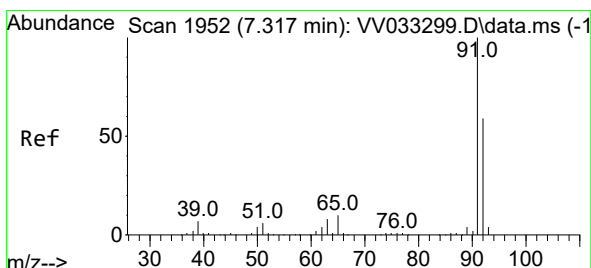
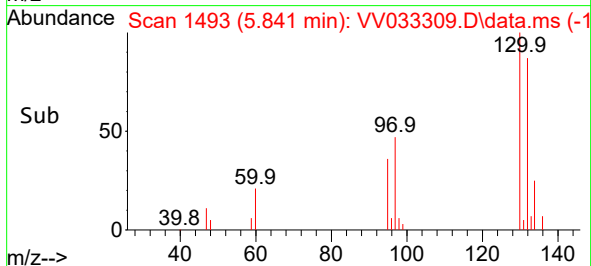
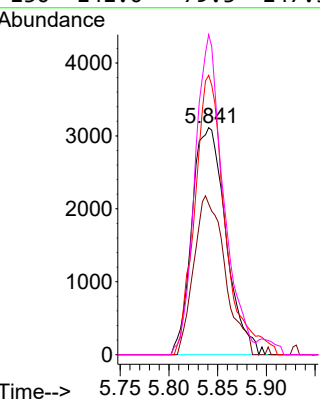
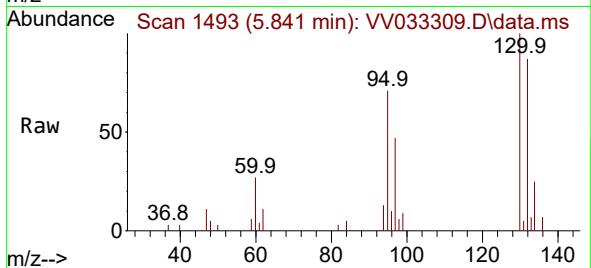
Ion Ratio Lower Upper

95 100

97 66.4 46.5 86.5

132 123.0 75.1 139.5

130 141.0 79.3 147.3



#42

Toluene

Concen: 1.932 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV033309.D

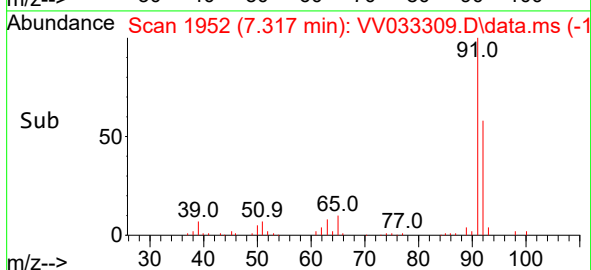
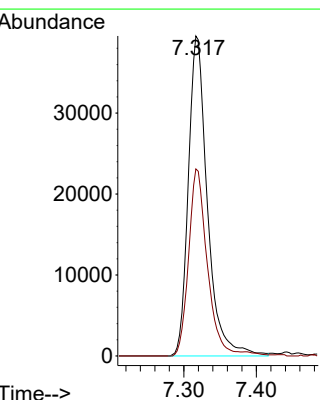
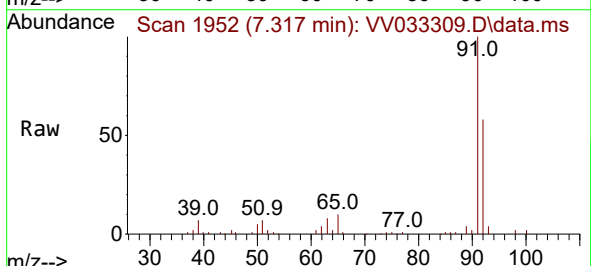
Acq: 14 Dec 2023 04:43

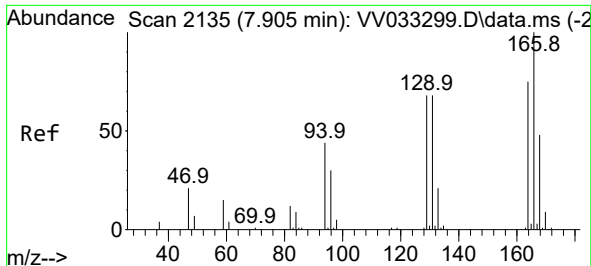
Tgt Ion: 91 Resp: 72145

Ion Ratio Lower Upper

91 100

92 58.4 40.2 74.6





#47

Tetrachloroethene

Concen: 0.116 ug/L

RT: 7.911 min Scan# 2135

Delta R.T. 0.006 min

Lab File: VV033309.D

Acq: 14 Dec 2023 04:43

Instrument :

MSVOA_V

ClientSampleId :

E0Y81

Tgt Ion:164 Resp: 1045

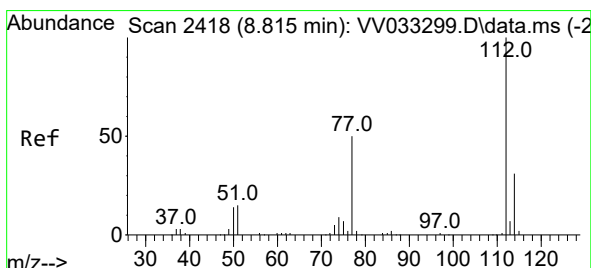
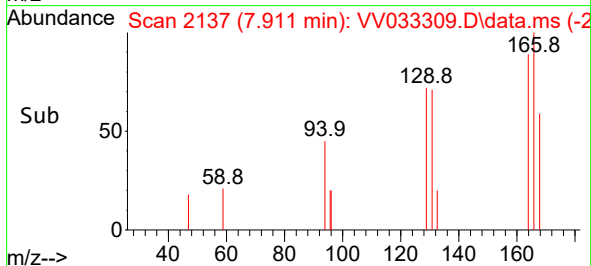
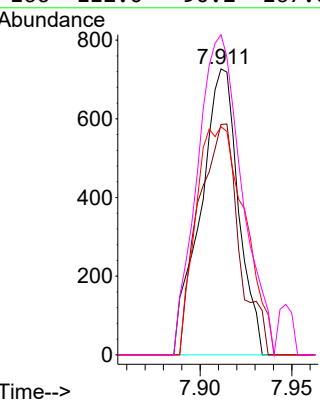
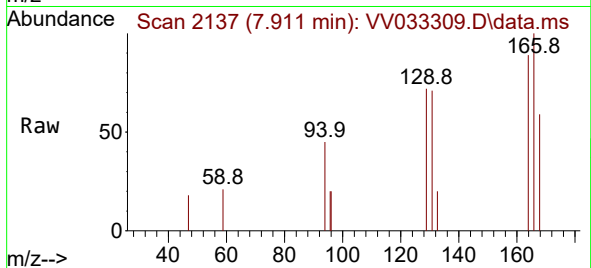
Ion Ratio Lower Upper

164 100

129 80.6 62.6 116.3

131 79.8 62.6 116.3

166 112.0 90.2 167.6



#51

Chlorobenzene

Concen: 0.299 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.003 min

Lab File: VV033309.D

Acq: 14 Dec 2023 04:43

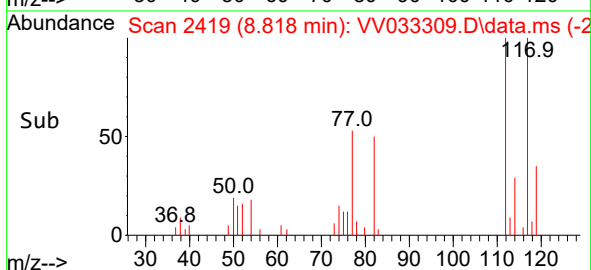
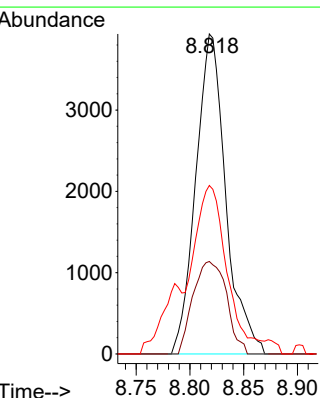
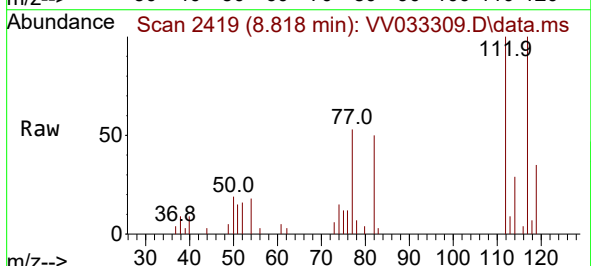
Tgt Ion:112 Resp: 7635

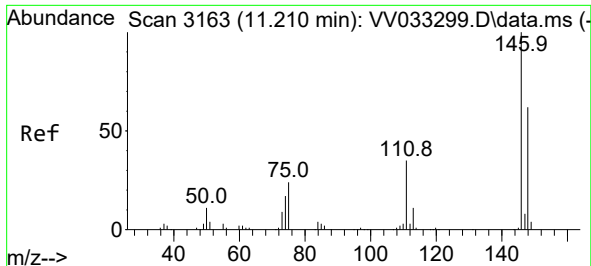
Ion Ratio Lower Upper

112 100

114 28.9 22.8 42.4

77 52.7 41.3 61.9

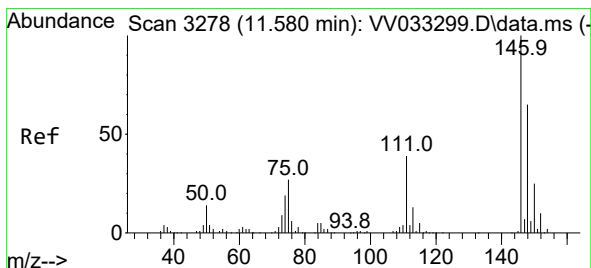
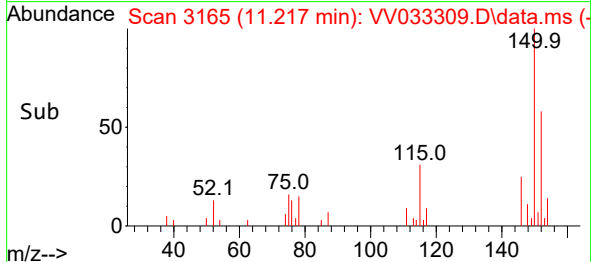
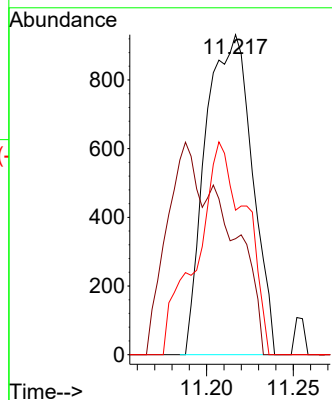
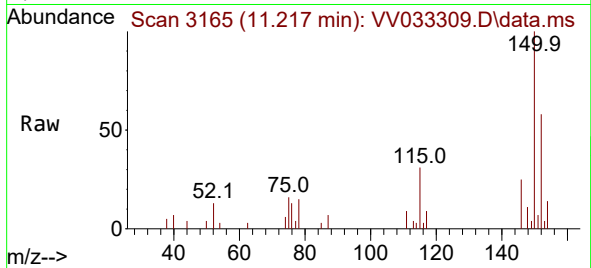




#65
1,4-Dichlorobenzene
Concen: 0.081 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.006 min
Lab File: VV033309.D
Acq: 14 Dec 2023 04:43

Instrument :
MSVOA_V
ClientSampleId :
E0Y81

Tgt Ion:146 Resp: 1739
Ion Ratio Lower Upper
146 100
111 36.3 25.6 47.4
148 45.2 44.7 82.9



#67
1,2-Dichlorobenzene
Concen: 0.143 ug/L
RT: 11.583 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VV033309.D
Acq: 14 Dec 2023 04:43

Tgt Ion:146 Resp: 2637
Ion Ratio Lower Upper
146 100
111 55.1 31.0 46.4#
148 58.0 52.6 79.0

