

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120423\
 Data File : VW033097.D
 Acq On : 04 Dec 2023 14:55
 Operator : SY/MD
 Sample : 04929-16MEDL 4X
 Misc : 4.75G/5.0/100uL/5mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 05 03:23:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 05 03:20:48 2023
 Response via : Initial Calibration

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

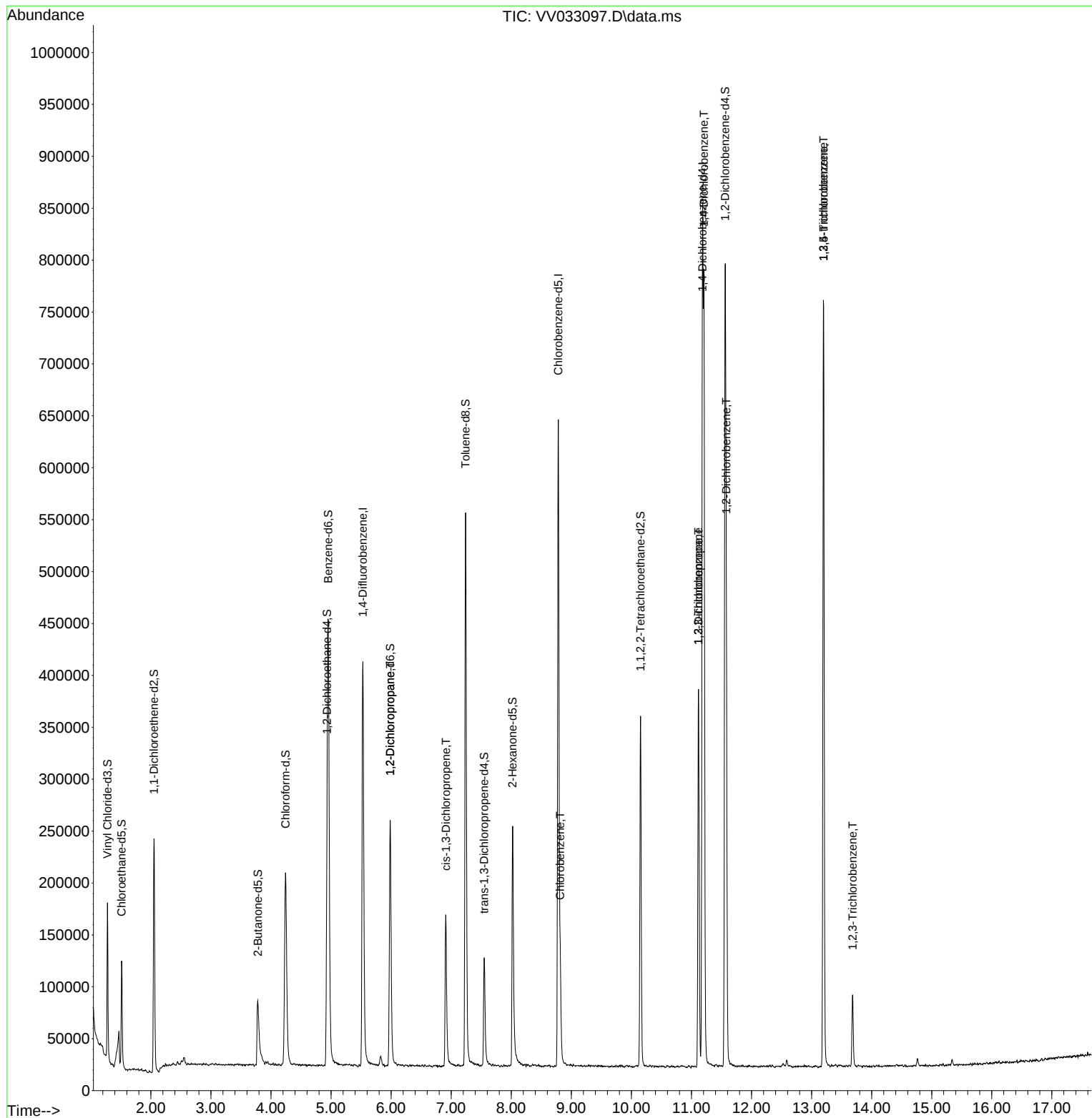
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	358276	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	353471	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	205863	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	98101	45.804	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.600%
7) Chloroethane-d5	1.513	69	68602	45.970	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.940%
11) 1,1-Dichloroethene-d2	2.053	65	36953	45.353	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.700%
21) 2-Butanone-d5	3.780	46	93147	87.563	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.560%
24) Chloroform-d	4.243	84	201277	44.283	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.560%
26) 1,2-Dichloroethane-d4	4.934	65	130911	46.325	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.660%
32) Benzene-d6	4.953	84	391109	47.310	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.620%
36) 1,2-Dichloropropane-d6	5.986	67	107587	48.402	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.800%
41) Toluene-d8	7.239	98	359636	45.604	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.200%
43) trans-1,3-Dichloroprop...	7.548	79	62521	44.481	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.960%
47) 2-Hexanone-d5	8.021	63	83675	93.705	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.700%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	148382	46.960	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.920%
66) 1,2-Dichlorobenzene-d4	11.561	152	180562	49.296	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
					Qvalue	
37) 1,2-Dichloropropane	5.986	63	14015	6.761	ug/L #	83
39) cis-1,3-Dichloropropene	6.912	75	4024	1.070	ug/L #	59
51) Chlorobenzene	8.815	112	56797	8.002	ug/L	97
61) 1,2,3-Trichloropropane	11.117	75	39632	15.439	ug/L #	45
64) 1,3-Dichlorobenzene	11.117	146	155174	24.470	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	295998	44.935	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	160190	25.767	ug/L	98
69) 1,3,5-Trichlorobenzene	13.201	180	227946	44.875	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	227946	48.572	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	21755	4.804	ug/L	96

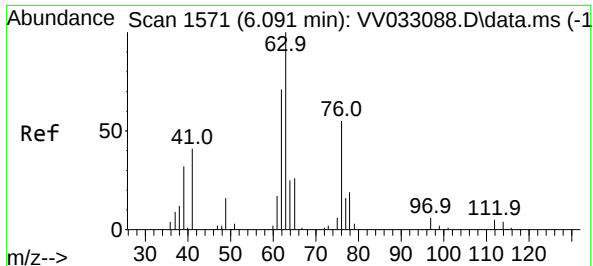
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 05 03:20:48 2023
Response via : Initial Calibration





#37

1,2-Dichloropropane

Concen: 6.761 ug/L

RT: 5.986 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV033097.D

Acq: 04 Dec 2023 14:55

Instrument :

MSVOA_V

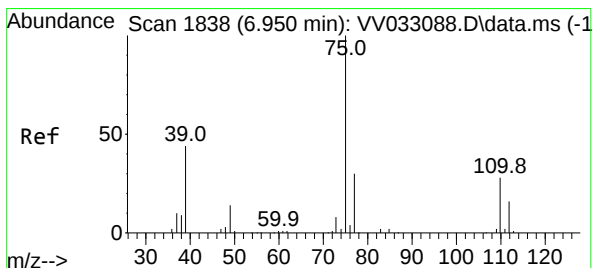
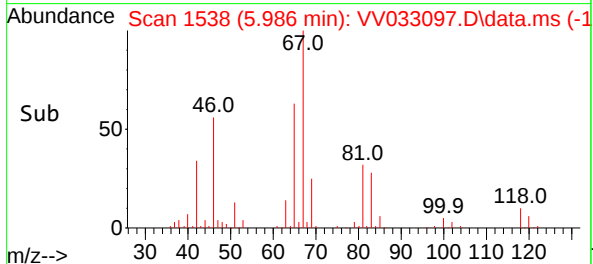
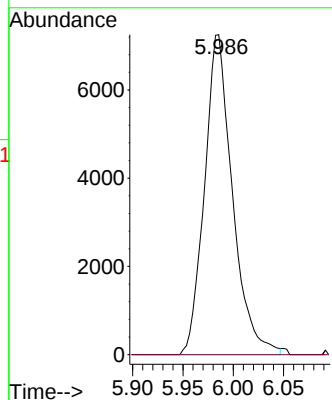
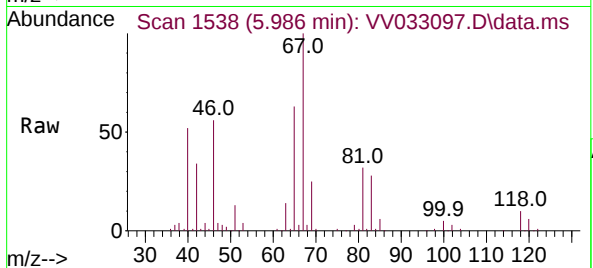
ClientSampleId :

Tgt Ion: 63 Resp: 14015

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 1.070 ug/L

RT: 6.912 min Scan# 1826

Delta R.T. -0.038 min

Lab File: VV033097.D

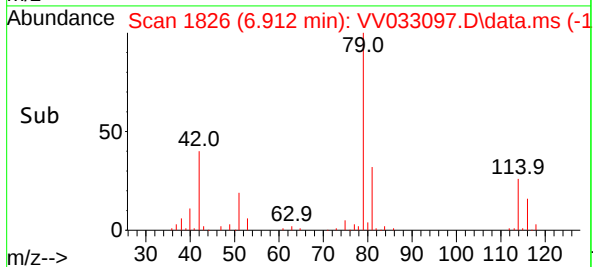
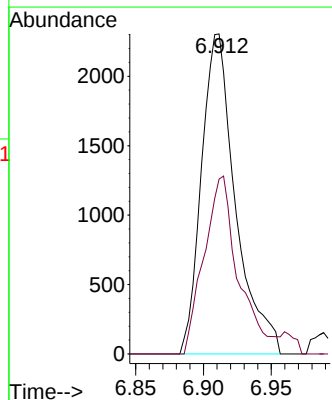
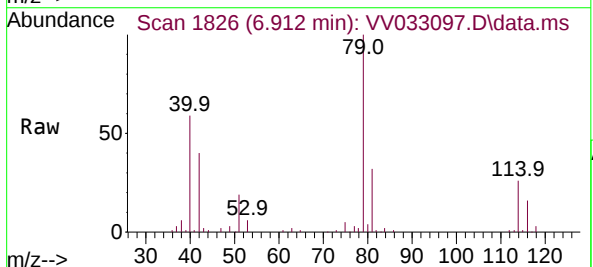
Acq: 04 Dec 2023 14:55

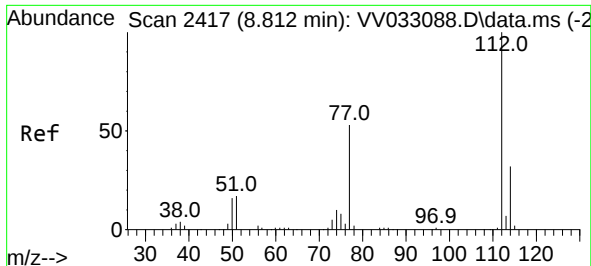
Tgt Ion: 75 Resp: 4024

Ion Ratio Lower Upper

75 100

77 54.7 22.4 41.6#

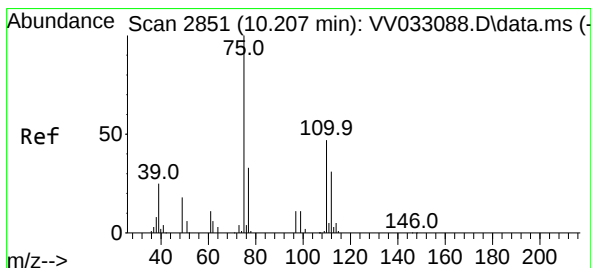
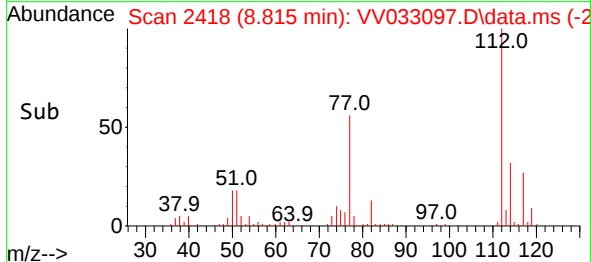
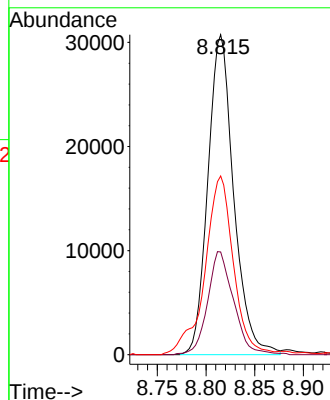
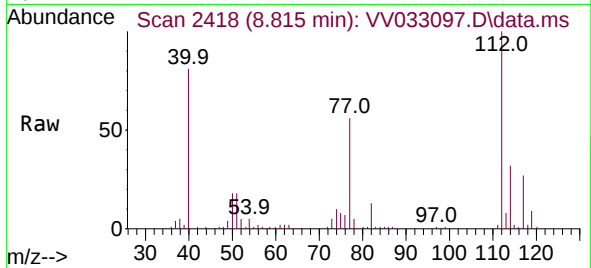




#51
Chlorobenzene
Concen: 8.002 ug/L
RT: 8.815 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV033097.D
Acq: 04 Dec 2023 14:55

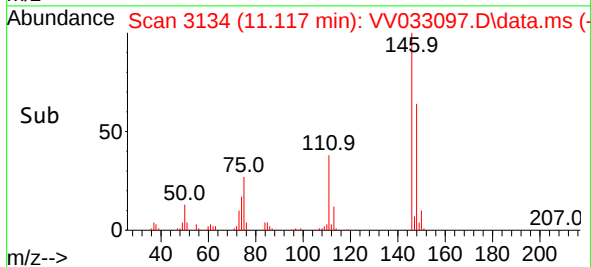
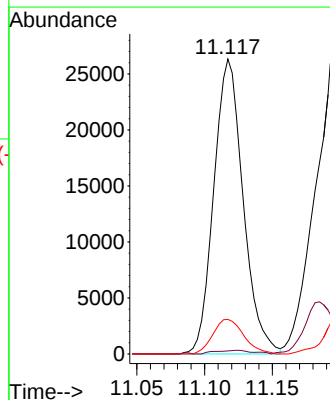
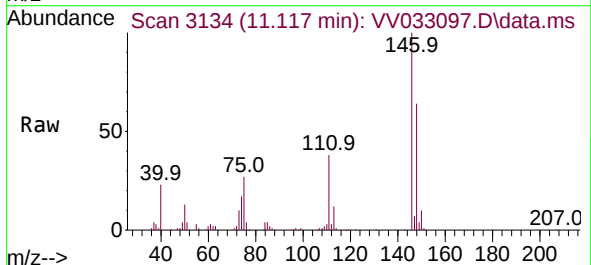
Instrument :
MSVOA_V
ClientSampleId :

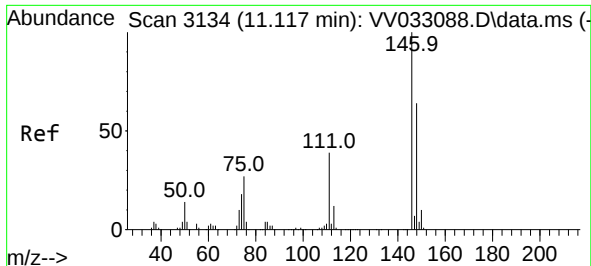
Tgt Ion:112 Resp: 56797
Ion Ratio Lower Upper
112 100
114 32.1 22.9 42.5
77 55.9 42.6 64.0



#61
1,2,3-Trichloropropane
Concen: 15.439 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.910 min
Lab File: VV033097.D
Acq: 04 Dec 2023 14:55

Tgt Ion: 75 Resp: 39632
Ion Ratio Lower Upper
75 100
77 1.0 27.0 40.6#
110 12.3 38.1 57.1#

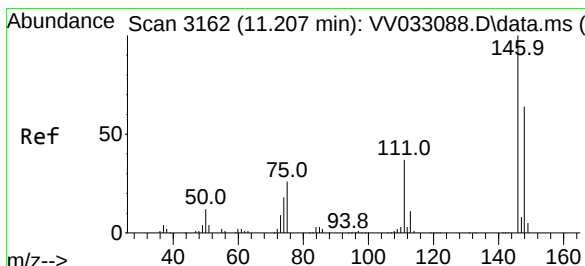
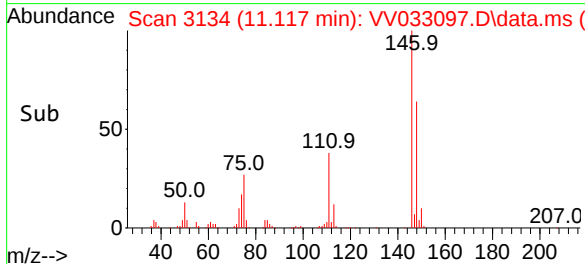
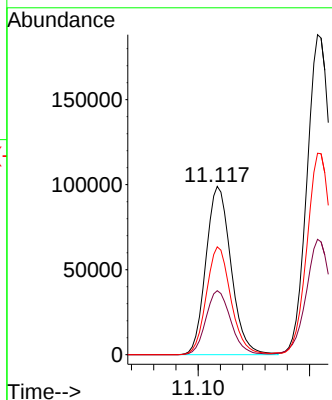
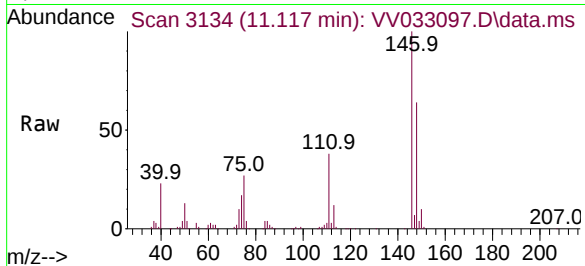




#64
1,3-Dichlorobenzene
Concen: 24.470 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV033097.D
Acq: 04 Dec 2023 14:55

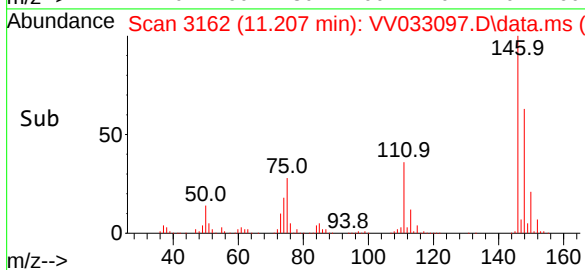
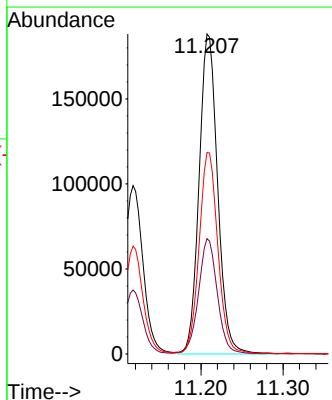
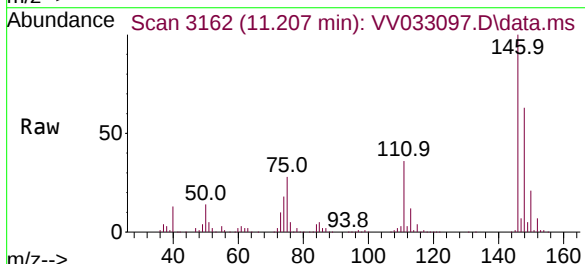
Instrument :
MSVOA_V
ClientSampleId :

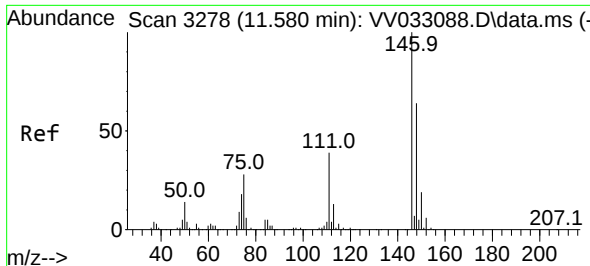
Tgt Ion:146 Resp: 155174
Ion Ratio Lower Upper
146 100
111 38.1 26.2 48.6
148 64.1 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 44.935 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.000 min
Lab File: VV033097.D
Acq: 04 Dec 2023 14:55

Tgt Ion:146 Resp: 295998
Ion Ratio Lower Upper
146 100
111 36.0 25.9 48.1
148 62.9 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 25.767 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033097.D

Acq: 04 Dec 2023 14:55

Instrument :

MSVOA_V

ClientSampleId :

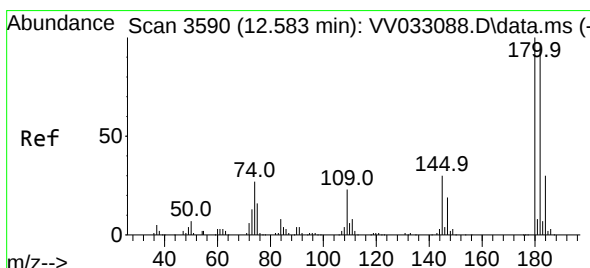
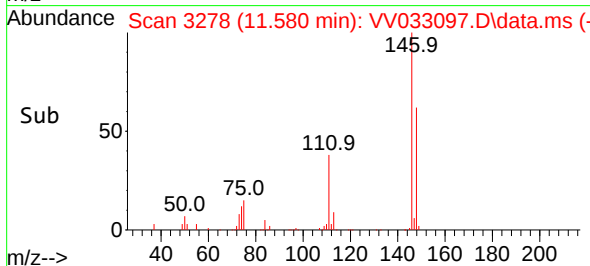
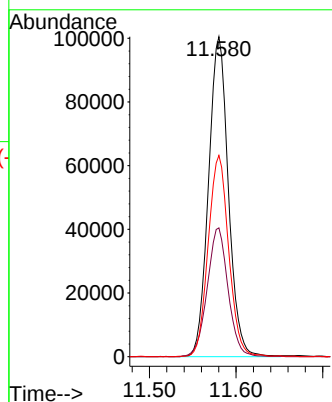
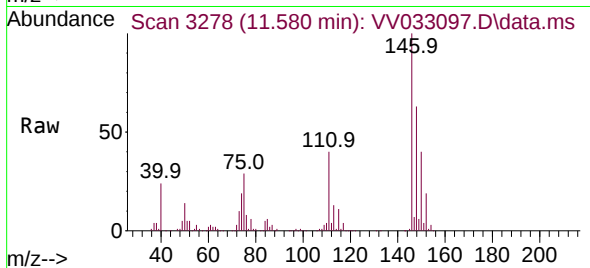
Tgt Ion:146 Resp: 160190

Ion Ratio Lower Upper

146 100

111 40.2 32.4 48.6

148 62.9 51.8 77.8



#69

1,3,5-Trichlorobenzene

Concen: 44.875 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.617 min

Lab File: VV033097.D

Acq: 04 Dec 2023 14:55

Tgt Ion:180 Resp: 227946

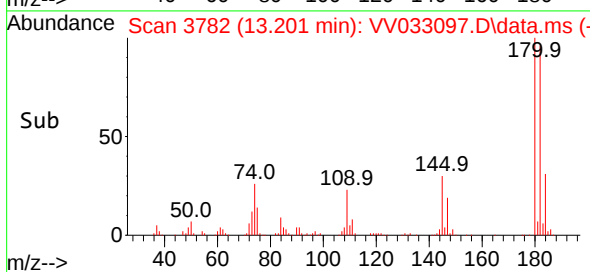
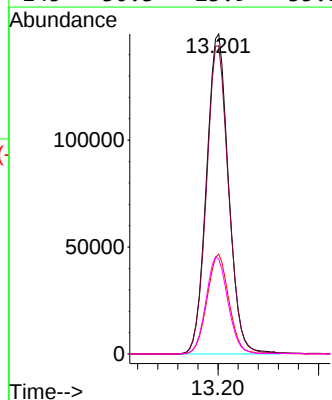
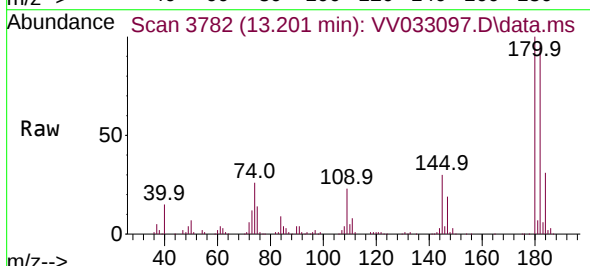
Ion Ratio Lower Upper

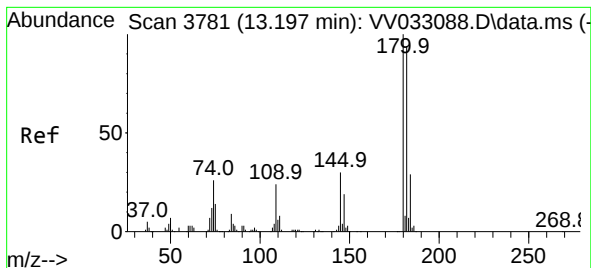
180 100

182 96.6 76.2 114.4

184 31.1 24.2 36.4

145 30.3 23.9 35.9





#70

1,2,4-trichlorobenzene

Concen: 48.572 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033097.D

Acq: 04 Dec 2023 14:55

Instrument :

MSVOA_V

ClientSampleId :

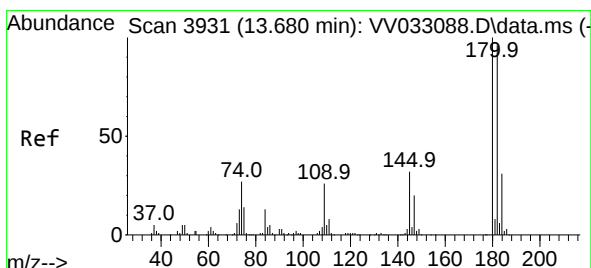
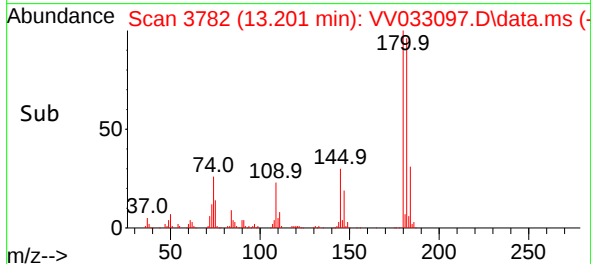
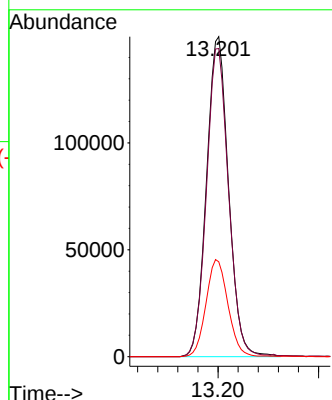
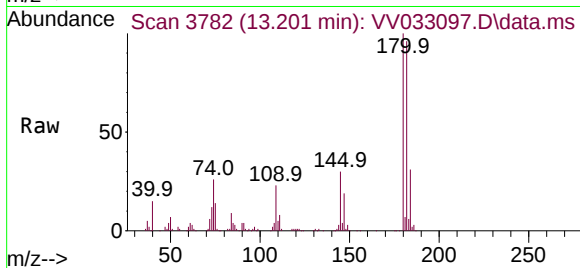
Tgt Ion:180 Resp: 227946

Ion Ratio Lower Upper

180 100

182 96.6 76.3 114.5

145 30.3 23.4 35.0



#72

1,2,3-Trichlorobenzene

Concen: 4.804 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.003 min

Lab File: VV033097.D

Acq: 04 Dec 2023 14:55

Tgt Ion:180 Resp: 21755

Ion Ratio Lower Upper

180 100

182 97.7 75.2 112.8

145 33.5 24.9 37.3

