

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122023\
 Data File : VW033521.D
 Acq On : 20 Dec 2023 18:50
 Operator : SY/MD
 Sample : 05850-01DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 21 01:50:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 21 01:43:54 2023
 Response via : Initial Calibration

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

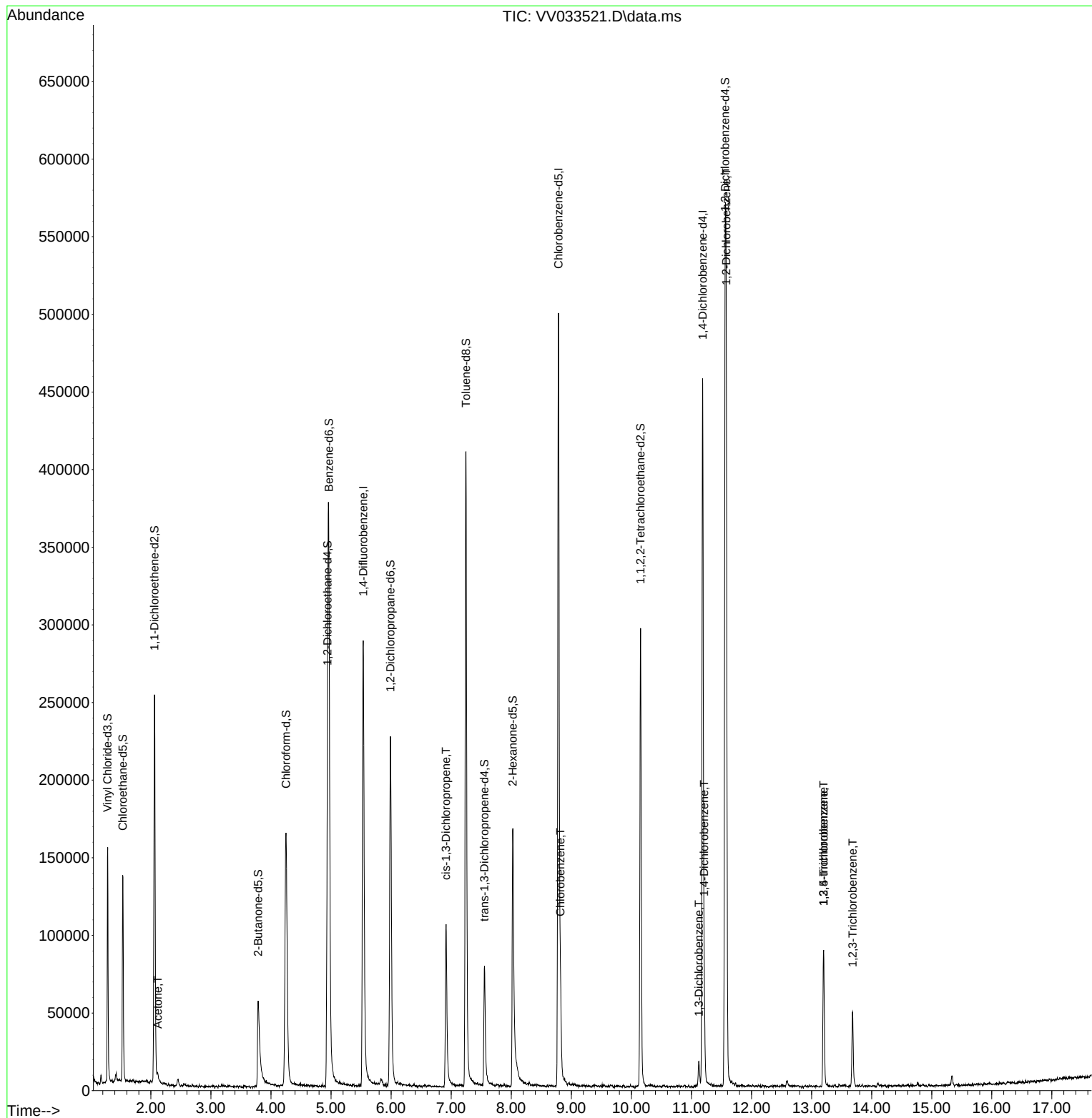
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	242288	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	257532	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	109059	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	94860	50.840	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.680%
7) Chloroethane-d5	1.532	69	85125	50.838	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.680%
11) 1,1-Dichloroethene-d2	2.059	65	43559	46.898	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.800%
21) 2-Butanone-d5	3.786	46	86551	92.040	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.040%
24) Chloroform-d	4.249	84	174123	47.178	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.360%
26) 1,2-Dichloroethane-d4	4.940	65	113585	50.097	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.200%
32) Benzene-d6	4.963	84	324575	46.795	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.580%
36) 1,2-Dichloropropane-d6	5.989	67	106505	50.593	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.180%
41) Toluene-d8	7.246	98	270841	42.674	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.340%
43) trans-1,3-Dichloroprop...	7.554	79	43472	42.136	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.280%
47) 2-Hexanone-d5	8.024	63	54640	77.169	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.170%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	138685	45.837	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.680%
66) 1,2-Dichlorobenzene-d4	11.561	152	104595	51.037	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.080%
Target Compounds						Qvalue
13) Acetone	2.114	43	4713	4.318	ug/L	97
39) cis-1,3-Dichloropropene	6.915	75	3109	1.148	ug/L #	49
51) Chlorobenzene	8.818	112	35163	6.706	ug/L	97
64) 1,3-Dichlorobenzene	11.123	146	5653	1.756	ug/L	93
65) 1,4-Dichlorobenzene	11.210	146	20496	5.916	ug/L	96
67) 1,2-Dichlorobenzene	11.580	146	152858	45.626	ug/L	98
69) 1,3,5-Trichlorobenzene	13.200	180	23947	10.758	ug/L	99
70) 1,2,4-trichlorobenzene	13.200	180	23947	12.307	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	12559	6.599	ug/L	97

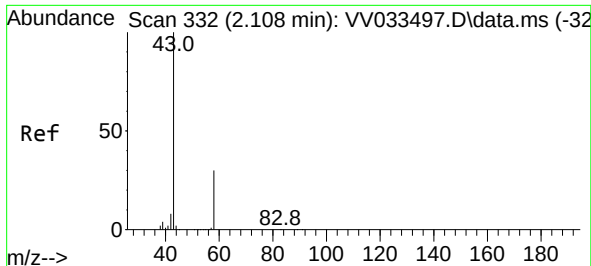
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 21 01:43:54 2023
Response via : Initial Calibration





#13

Acetone

Concen: 4.318 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV033521.D

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Instrument :

MSVOA_V

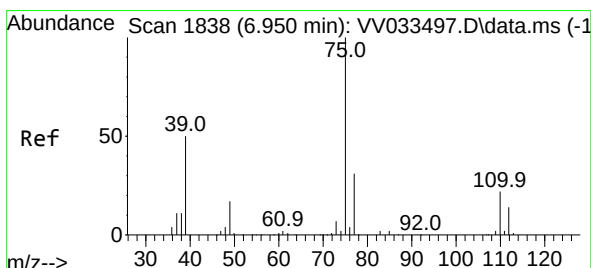
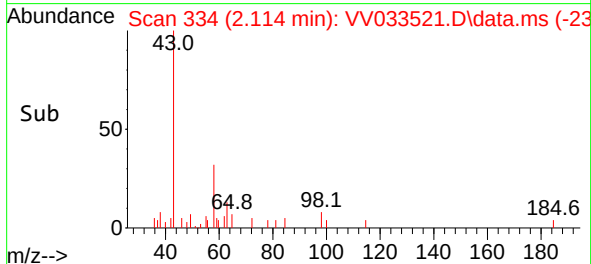
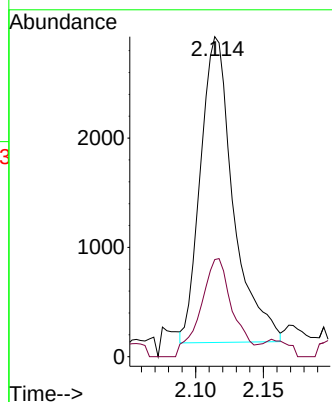
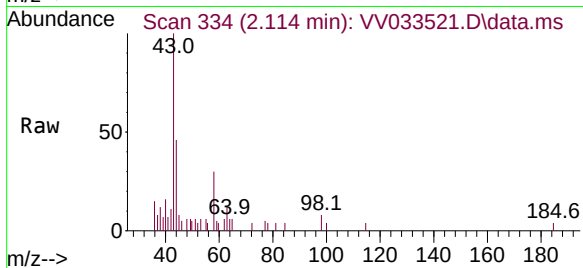
ClientSampleId :

Tgt Ion: 43 Resp: 4713

Ion Ratio Lower Upper

43 100

58 31.0 0.0 59.2



#39

cis-1,3-Dichloropropene

Concen: 1.148 ug/L

RT: 6.915 min Scan# 1827

Delta R.T. -0.036 min

Lab File: VV033521.D

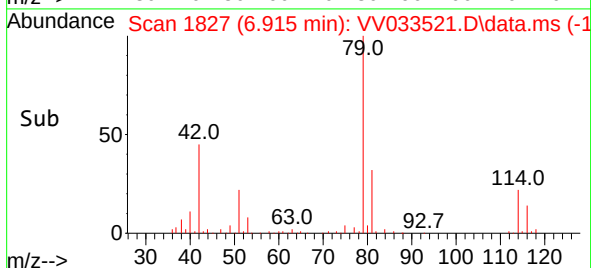
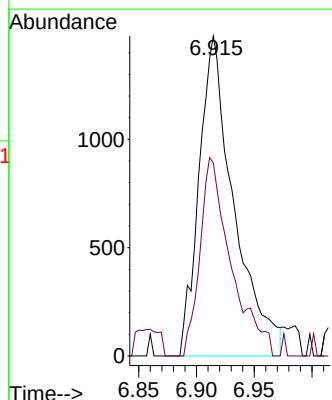
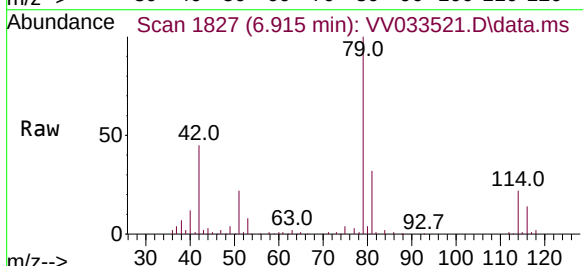
Acq: 20 Dec 2023 18:50

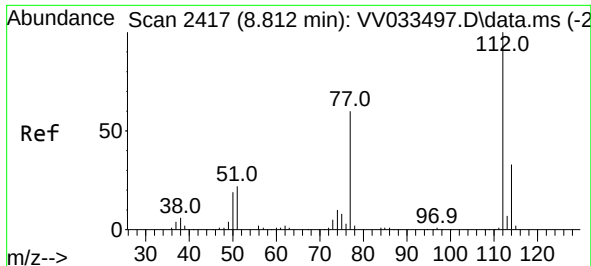
Tgt Ion: 75 Resp: 3109

Ion Ratio Lower Upper

75 100

77 60.4 22.3 41.3#

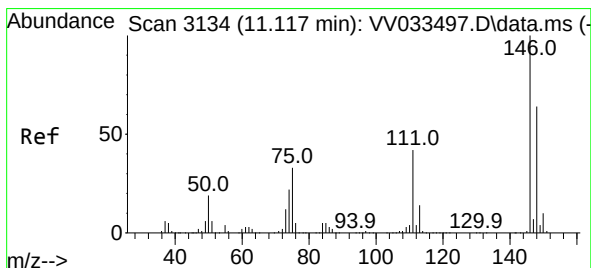
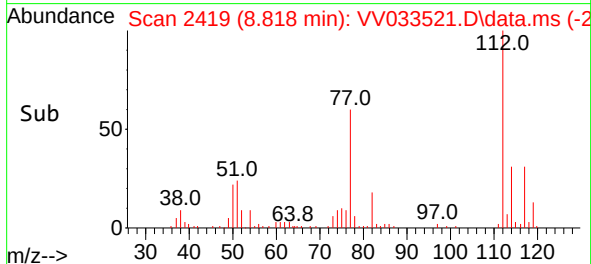
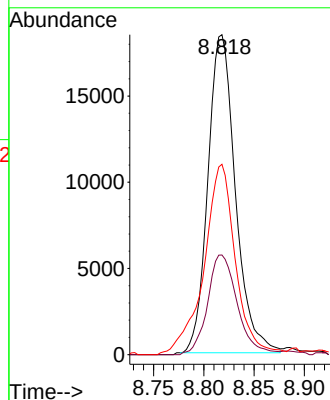
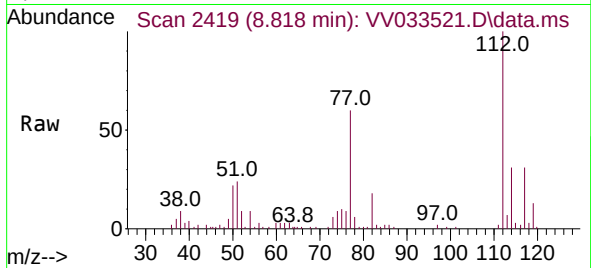




#51
Chlorobenzene
Concen: 6.706 ug/L
RT: 8.818 min Scan# 2417
Delta R.T. 0.006 min
Lab File: VV033521.D
Acq: 20 Dec 2023 18:50

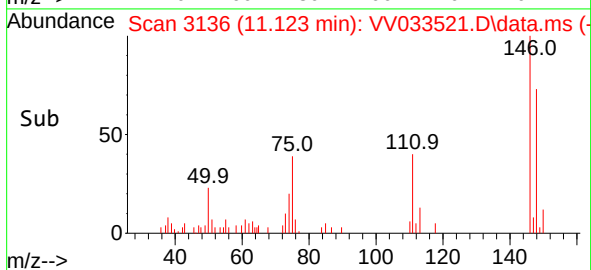
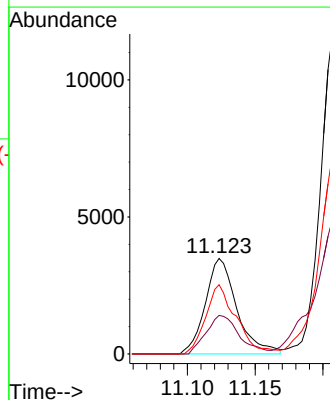
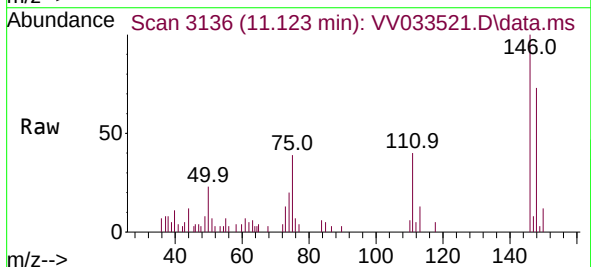
Instrument :
MSVOA_V
ClientSampleId :

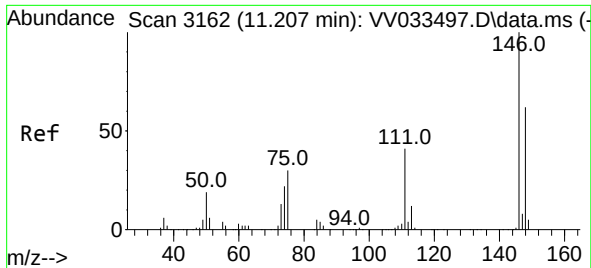
Tgt Ion:112 Resp: 35163
Ion Ratio Lower Upper
112 100
114 31.2 22.5 41.7
77 59.5 45.2 67.8



#64
1,3-Dichlorobenzene
Concen: 1.756 ug/L
RT: 11.123 min Scan# 3136
Delta R.T. 0.006 min
Lab File: VV033521.D
Acq: 20 Dec 2023 18:50

Tgt Ion:146 Resp: 5653
Ion Ratio Lower Upper
146 100
111 40.3 29.3 54.5
148 72.5 45.4 84.4

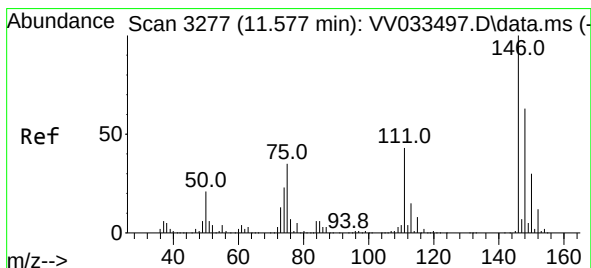
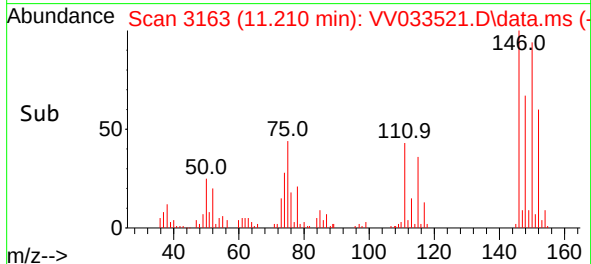
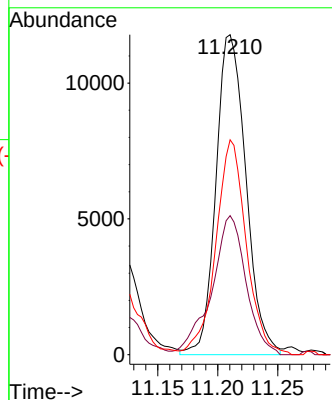
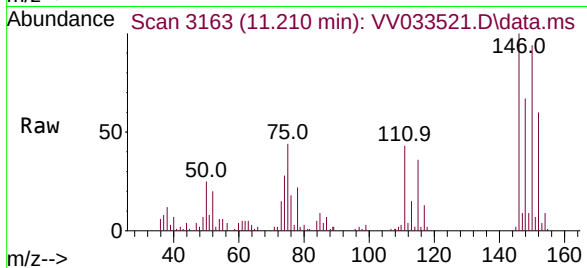




#65
1,4-Dichlorobenzene
Concen: 5.916 ug/L
RT: 11.210 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV033521.D
Acq: 20 Dec 2023 18:50

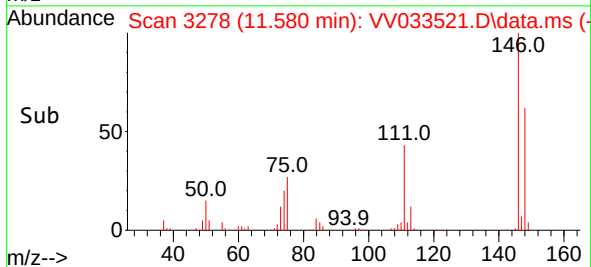
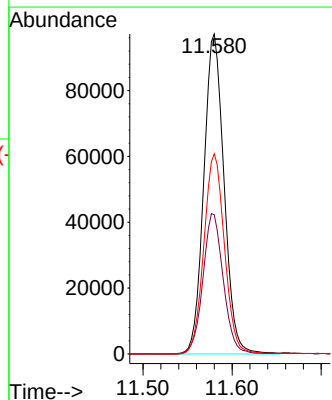
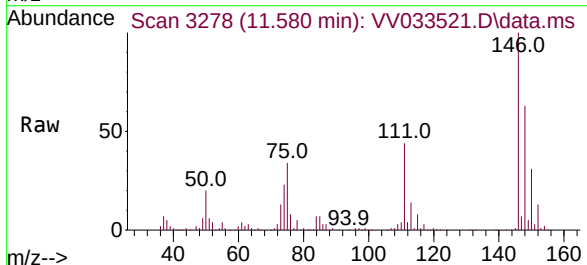
Instrument :
MSVOA_V
ClientSampleId :

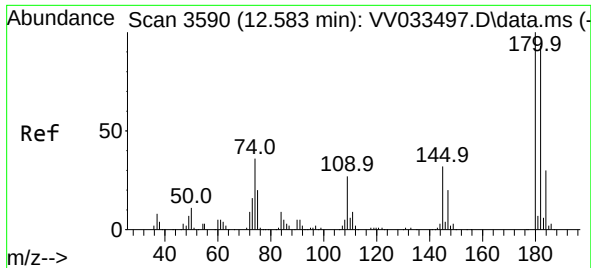
Tgt Ion:146 Resp: 20496
Ion Ratio Lower Upper
146 100
111 43.5 27.9 51.7
148 67.2 45.5 84.5



#67
1,2-Dichlorobenzene
Concen: 45.626 ug/L
RT: 11.580 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VV033521.D
Acq: 20 Dec 2023 18:50

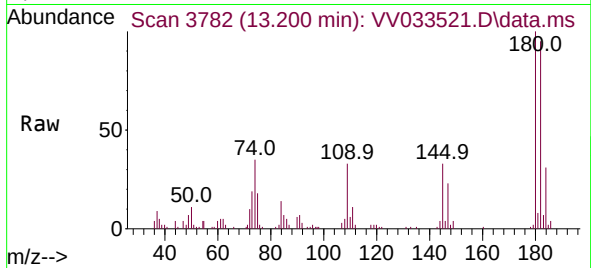
Tgt Ion:146 Resp: 152858
Ion Ratio Lower Upper
146 100
111 43.5 33.5 50.3
148 62.5 51.1 76.7



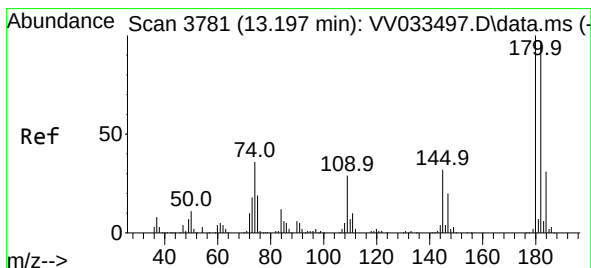
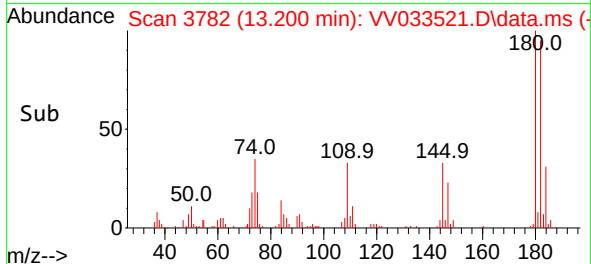
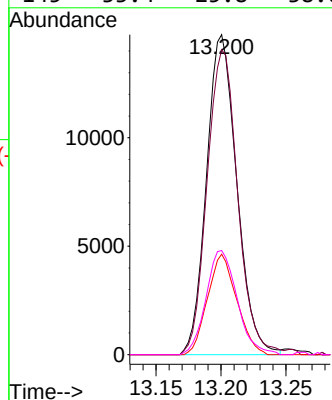


#69
1,3,5-Trichlorobenzene
Concen: 10.758 ug/L
RT: 13.200 min Scan# 31
Delta R.T. 0.617 min
Lab File: VV033521.D
Acq: 20 Dec 2023 18:50

Instrument :
MSVOA_V
ClientSampleId :

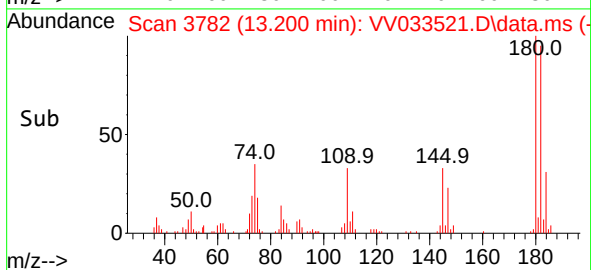
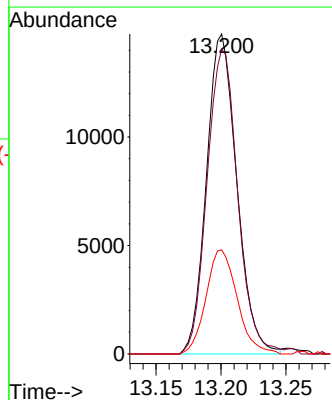
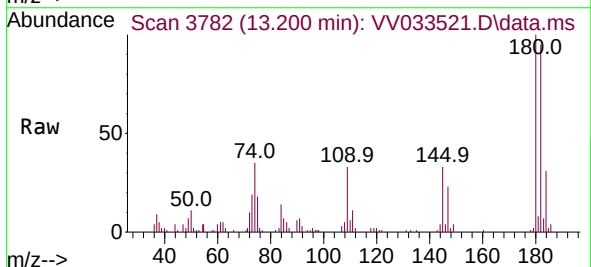


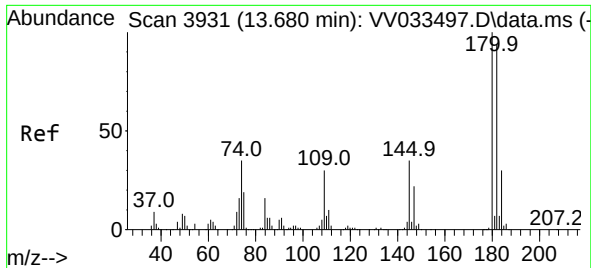
Tgt Ion:180 Resp: 23947
Ion Ratio Lower Upper
180 100
182 96.2 76.2 114.4
184 30.3 24.4 36.6
145 33.4 25.8 38.6



#70
1,2,4-trichlorobenzene
Concen: 12.307 ug/L
RT: 13.200 min Scan# 3782
Delta R.T. 0.003 min
Lab File: VV033521.D
Acq: 20 Dec 2023 18:50

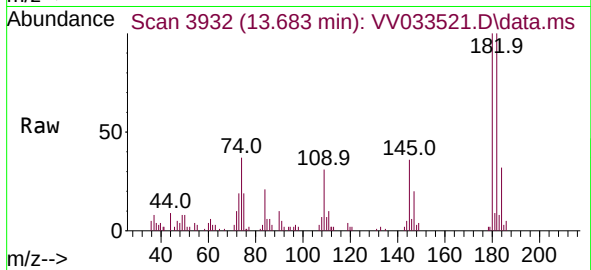
Tgt Ion:180 Resp: 23947
Ion Ratio Lower Upper
180 100
182 96.2 76.1 114.1
145 33.4 25.6 38.4





#72
 1,2,3-Trichlorobenzene
 Concen: 6.599 ug/L
 RT: 13.683 min Scan# 3931
 Delta R.T. 0.003 min
 Lab File: VV033521.D
 Acq: 20 Dec 2023 18:50

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	12559
Ion Ratio	Lower	Upper	
180	100		
182	98.1	76.2	114.2
145	34.8	27.1	40.7

