

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122123\
 Data File : VW033529.D
 Acq On : 21 Dec 2023 13:05
 Operator : SY/MD
 Sample : 05850-02DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 22 01:47:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM121523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 22 01:45:30 2023
 Response via : Initial Calibration

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

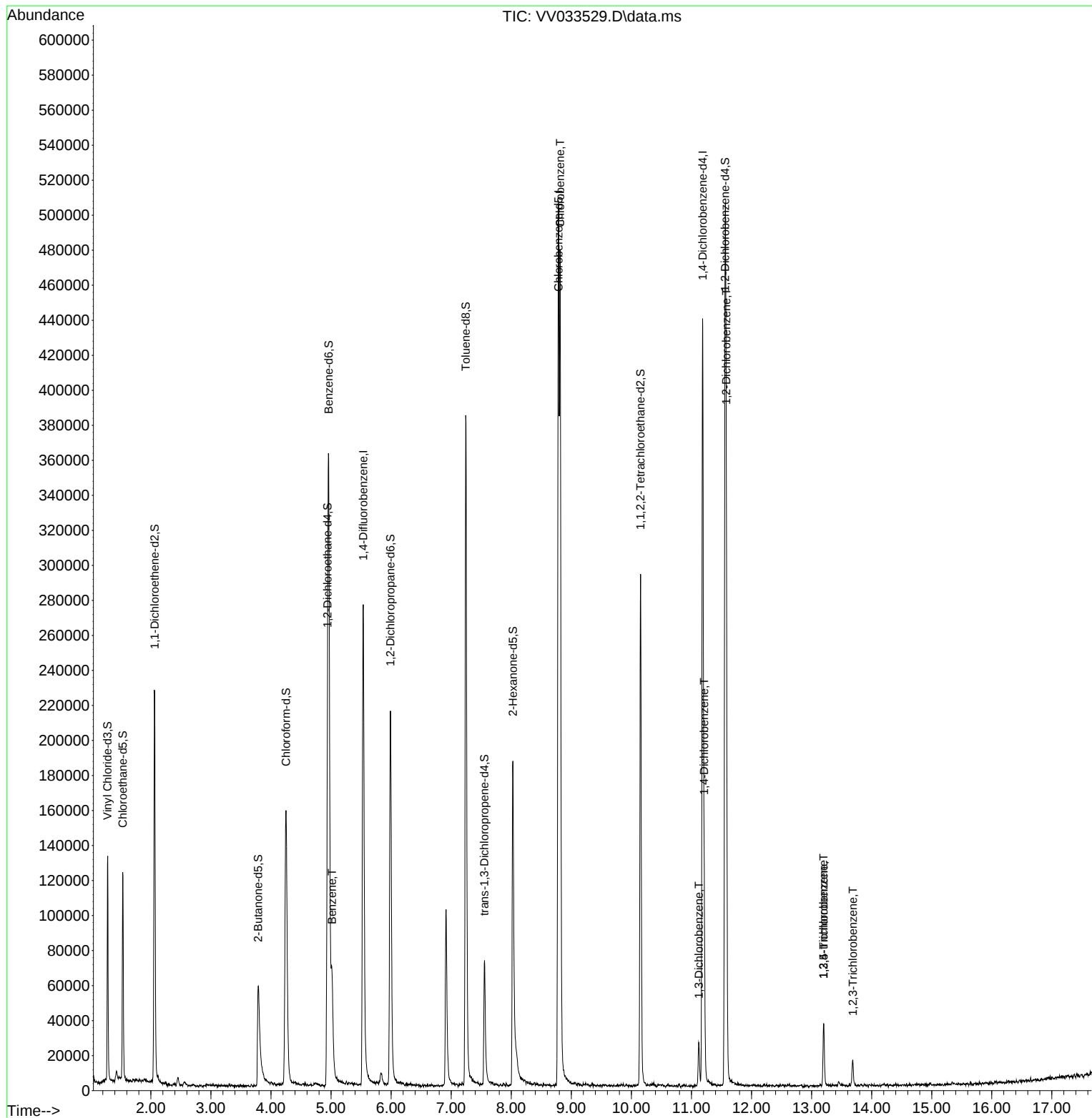
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	228838	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	248061	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	104665	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	80454	45.654	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.300%
7) Chloroethane-d5	1.532	69	75246	47.580	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.160%
11) 1,1-Dichloroethene-d2	2.063	65	38276	43.632	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.260%
21) 2-Butanone-d5	3.786	46	99786	112.351	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.350%
24) Chloroform-d	4.249	84	167510	48.053	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.100%
26) 1,2-Dichloroethane-d4	4.940	65	110327	51.520	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.040%
32) Benzene-d6	4.960	84	308385	46.158	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.320%
36) 1,2-Dichloropropane-d6	5.989	67	101882	50.245	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.500%
41) Toluene-d8	7.243	98	249620	40.832	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.660%
43) trans-1,3-Dichloroprop...	7.554	79	41852	42.115	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.240%
47) 2-Hexanone-d5	8.027	63	58496	85.770	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.770%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	136026	46.675	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.340%
66) 1,2-Dichlorobenzene-d4	11.561	152	103197	52.469	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.940%
Target Compounds						
					Qvalue	
33) Benzene	5.014	78	67998	10.284	ug/L	100
51) Chlorobenzene	8.815	112	237914	47.109	ug/L	97
64) 1,3-Dichlorobenzene	11.123	146	9594	3.106	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	42746	12.857	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	110094	34.241	ug/L	97
69) 1,3,5-Trichlorobenzene	13.201	180	9952	4.658	ug/L	97
70) 1,2,4-trichlorobenzene	13.201	180	9952	5.329	ug/L	96
72) 1,2,3-Trichlorobenzene	13.686	180	3797	2.079	ug/L	89

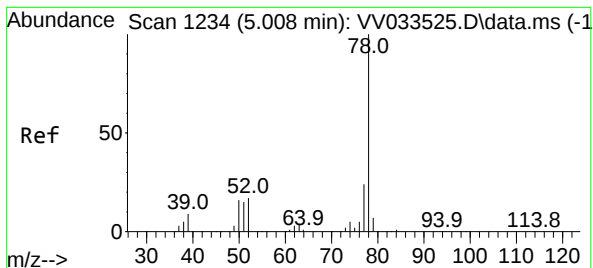
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 22 01:45:30 2023
Response via : Initial Calibration





#33

Benzene

Concen: 10.284 ug/L

RT: 5.014 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV033529.D

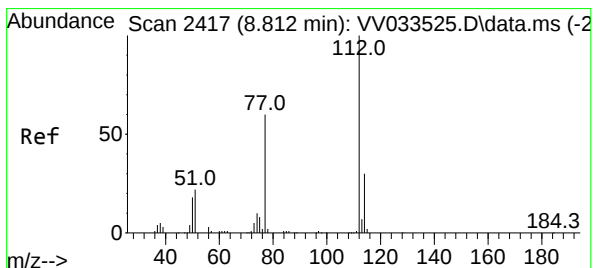
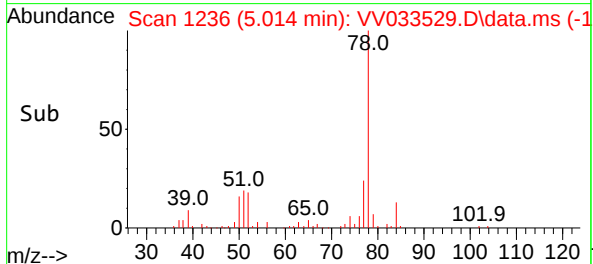
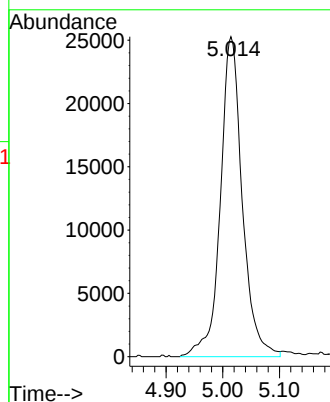
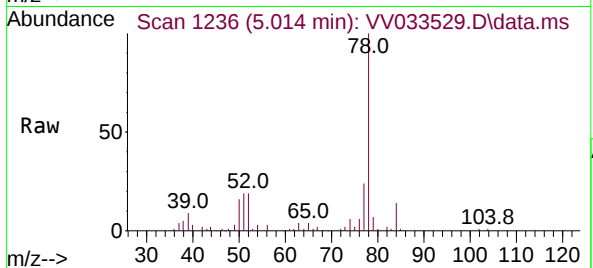
Acq: 21 Dec 2023 13:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 67998



#51

Chlorobenzene

Concen: 47.109 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.003 min

Lab File: VV033529.D

Acq: 21 Dec 2023 13:05

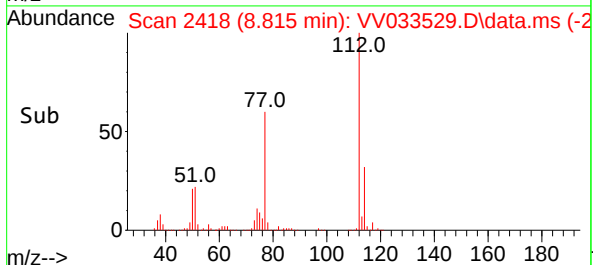
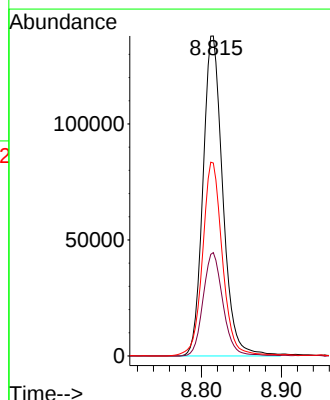
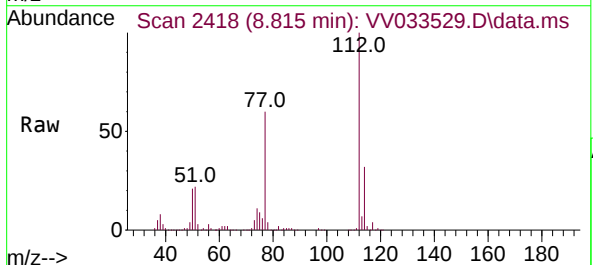
Tgt Ion: 112 Resp: 237914

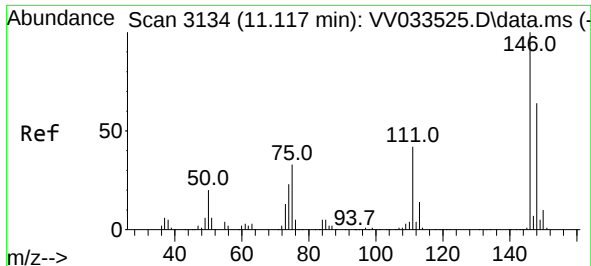
Ion Ratio Lower Upper

112 100

114 32.3 22.5 41.7

77 60.3 45.2 67.8

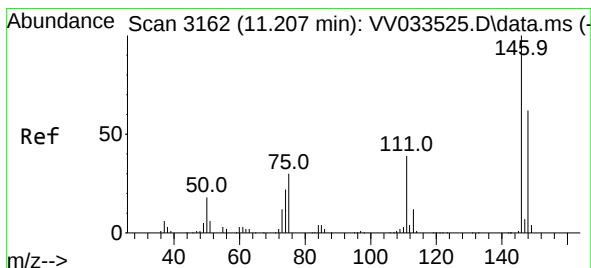
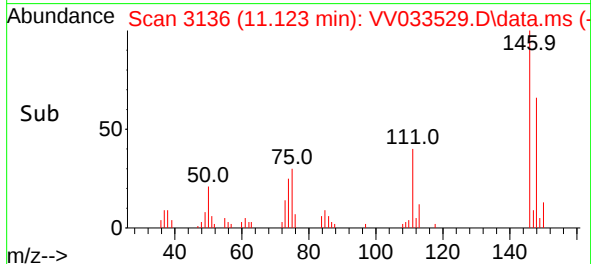
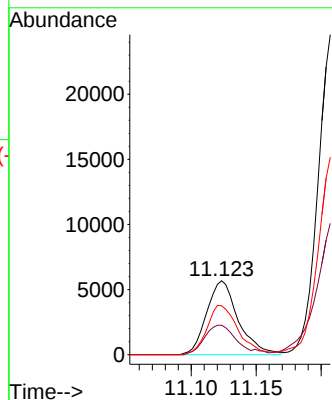
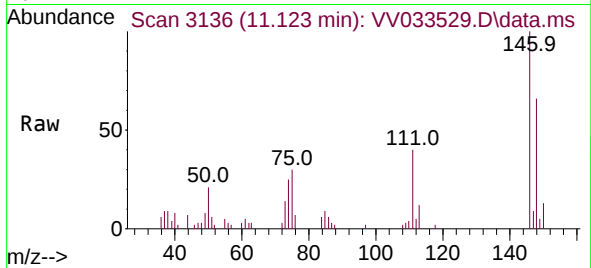




#64
1,3-Dichlorobenzene
Concen: 3.106 ug/L
RT: 11.123 min Scan# 3135
Delta R.T. 0.006 min
Lab File: VV033529.D
Acq: 21 Dec 2023 13:05

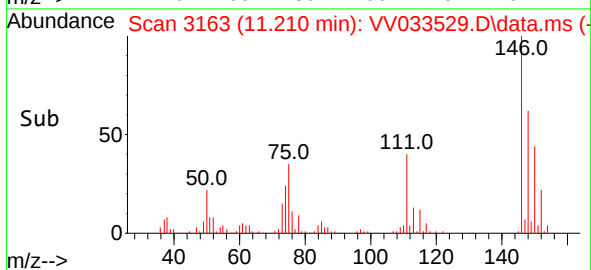
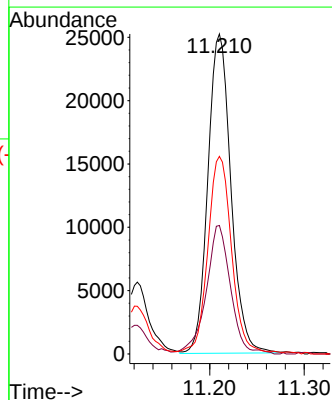
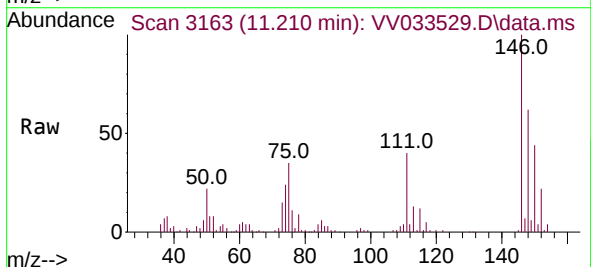
Instrument :
MSVOA_V
ClientSampleId :

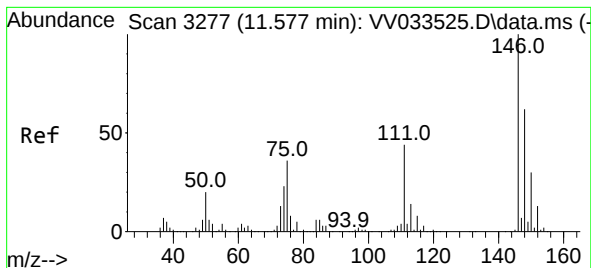
Tgt Ion:146 Resp: 9594
Ion Ratio Lower Upper
146 100
111 39.9 29.3 54.5
148 66.3 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 12.857 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV033529.D
Acq: 21 Dec 2023 13:05

Tgt Ion:146 Resp: 42746
Ion Ratio Lower Upper
146 100
111 40.1 27.9 51.7
148 61.8 45.5 84.5





#67

1,2-Dichlorobenzene

Concen: 34.241 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033529.D

Acq: 21 Dec 2023 13:05

Instrument :

MSVOA_V

ClientSampleId :

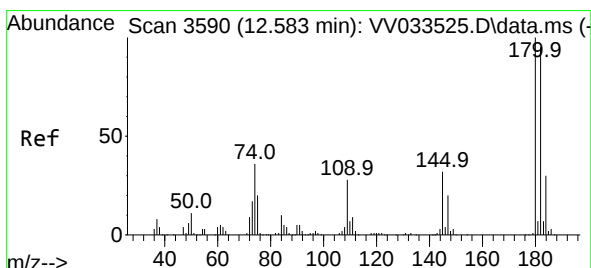
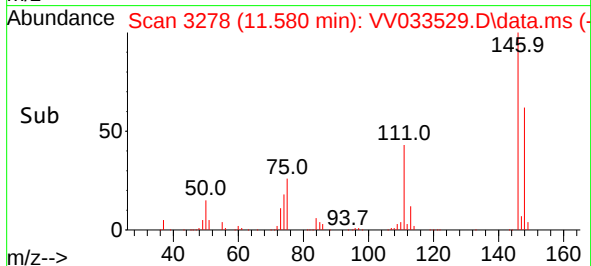
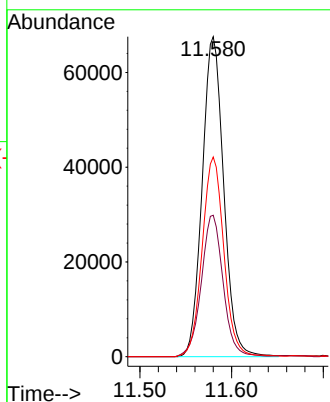
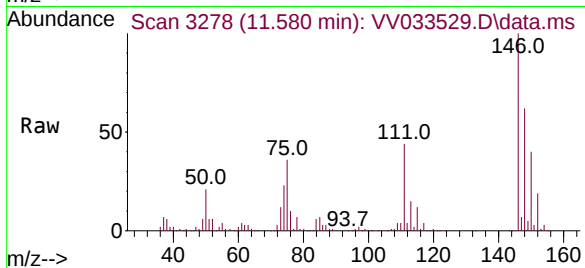
Tgt Ion:146 Resp: 110094

Ion Ratio Lower Upper

146 100

111 44.2 33.5 50.3

148 62.4 51.1 76.7



#69

1,3,5-Trichlorobenzene

Concen: 4.658 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.617 min

Lab File: VV033529.D

Acq: 21 Dec 2023 13:05

Tgt Ion:180 Resp: 9952

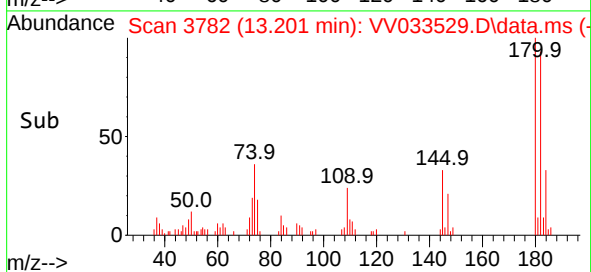
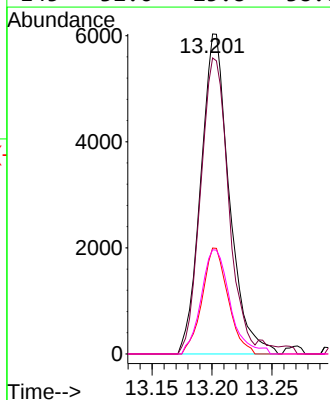
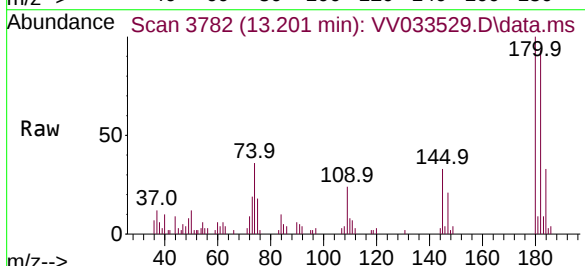
Ion Ratio Lower Upper

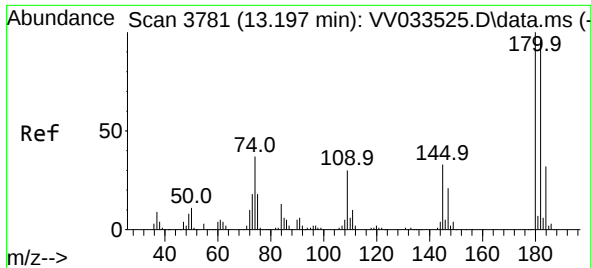
180 100

182 90.4 76.2 114.4

184 30.1 24.4 36.6

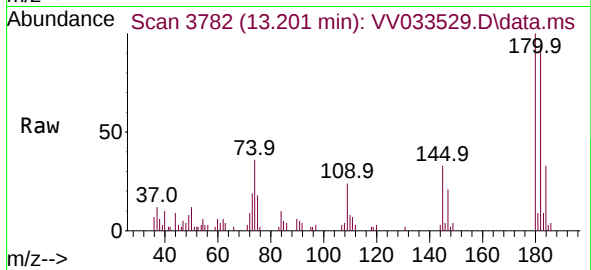
145 32.6 25.8 38.6



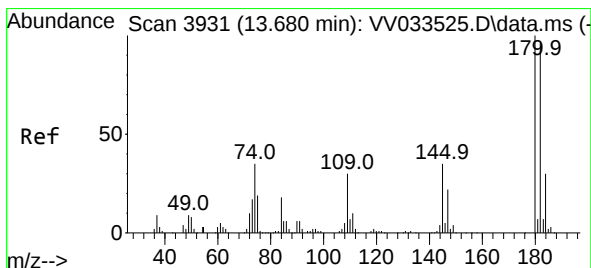
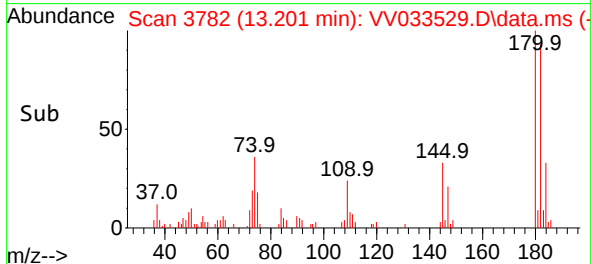
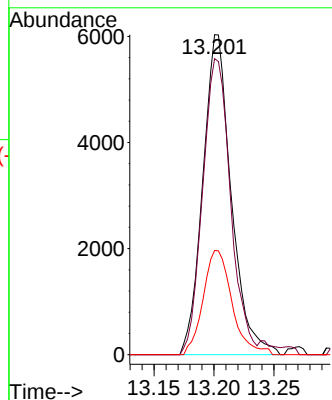


#70
1,2,4-trichlorobenzene
Concen: 5.329 ug/L
RT: 13.201 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV033529.D
Acq: 21 Dec 2023 13:05

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:180 Resp: 9952
Ion Ratio Lower Upper
180 100
182 90.4 76.1 114.1
145 32.6 25.6 38.4



#72
1,2,3-Trichlorobenzene
Concen: 2.079 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. 0.006 min
Lab File: VV033529.D
Acq: 21 Dec 2023 13:05

Tgt Ion:180 Resp: 3797
Ion Ratio Lower Upper
180 100
182 109.1 76.2 114.2
145 31.9 27.1 40.7

