

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122023\
 Data File : VW033505.D
 Acq On : 20 Dec 2023 12:37
 Operator : SY/MD
 Sample : 05850-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0QL9

Quant Time: Dec 21 01:46:12 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)

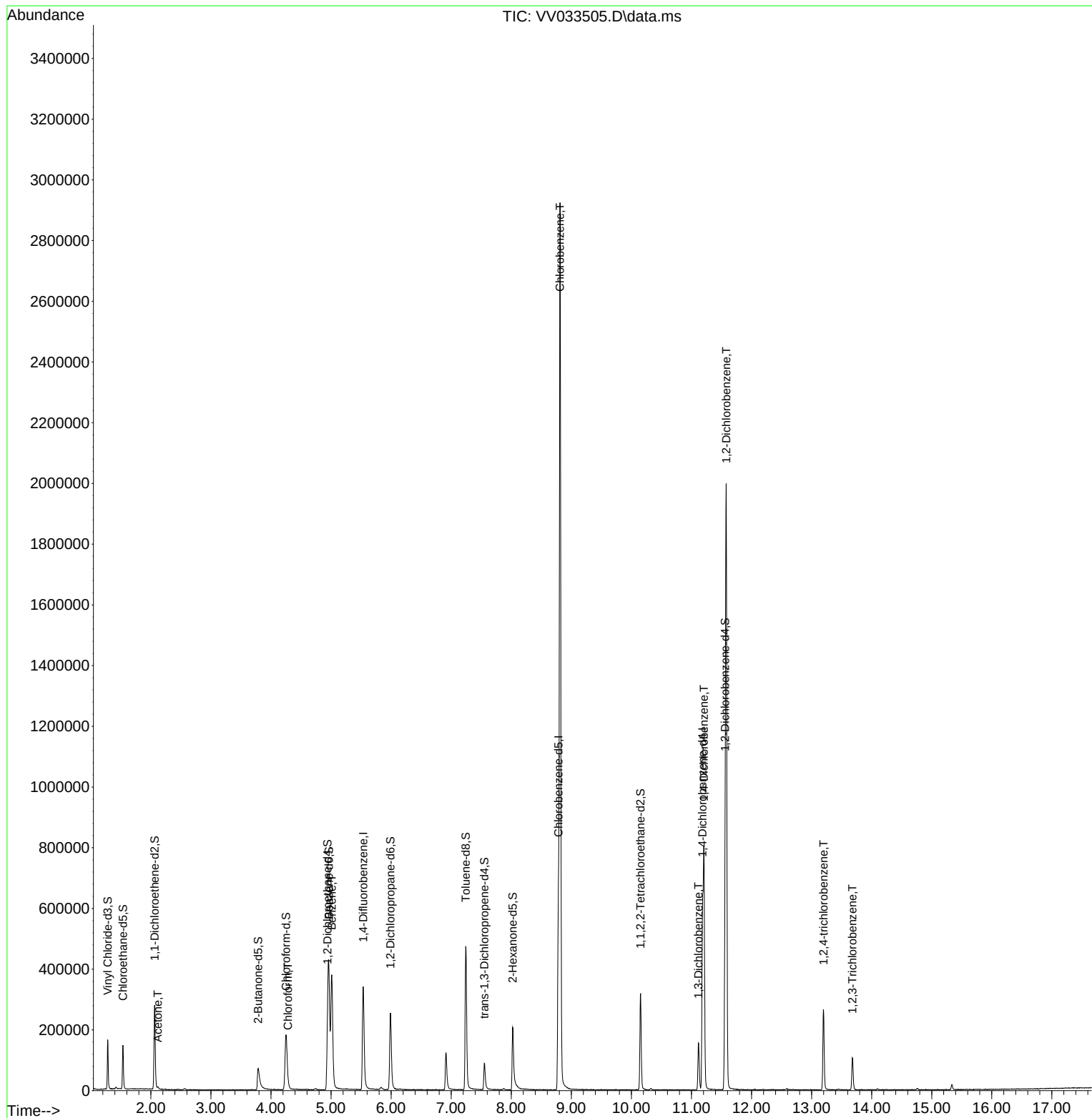
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	287102	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	295069	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	134409	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	103736	46.919	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.840%
7) Chloroethane-d5	1.535	69	93619	47.184	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.360%
11) 1,1-Dichloroethene-d2	2.063	65	46846	42.564	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.120%
21) 2-Butanone-d5	3.786	46	104510	93.790	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.790%
24) Chloroform-d	4.249	84	194040	44.368	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.740%
26) 1,2-Dichloroethane-d4	4.941	65	126475	47.075	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.160%
32) Benzene-d6	4.963	84	372335	46.851	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.700%
36) 1,2-Dichloropropane-d6	5.989	67	118865	49.282	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.560%
41) Toluene-d8	7.243	98	310992	42.767	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.540%
43) trans-1,3-Dichloroprop...	7.555	79	49459	41.841	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.680%
47) 2-Hexanone-d5	8.024	63	66703	82.222	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.220%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	145851	42.073	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.140%
66) 1,2-Dichlorobenzene-d4	11.561	152	126330	50.017	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.040%
Target Compounds						
					Qvalue	
13) Acetone	2.114	43	5716	4.419	ug/L	95
25) Chloroform	4.281	83	8907	2.159	ug/L	97
33) Benzene	5.011	78	388678	49.421	ug/L	100
51) Chlorobenzene	8.812	112	1446852	240.846	ug/L	96
64) 1,3-Dichlorobenzene	11.117	146	59210	14.926	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	281066	65.832	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	685149	165.938	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	70401	29.356	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	29404	12.535	ug/L	99

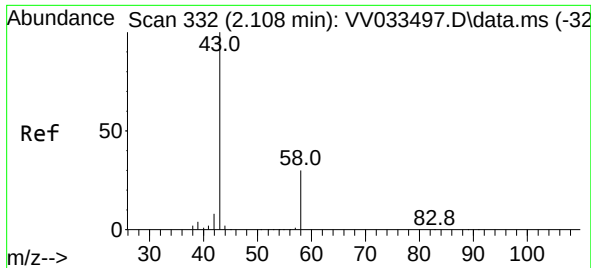
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Dec 21 01:43:54 2023
Response via : Initial Calibration





#13

Acetone

Concen: 4.419 ug/L

RT: 2.114 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV033505.D

Acq: 20 Dec 2023 12:37

Instrument :

MSVOA_V

ClientSampleId :

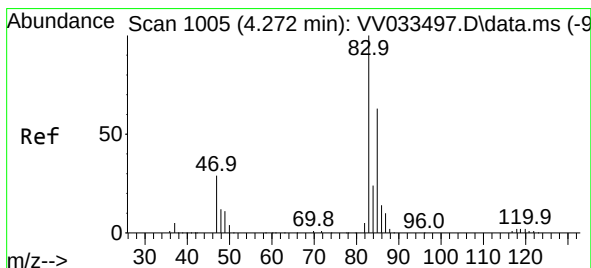
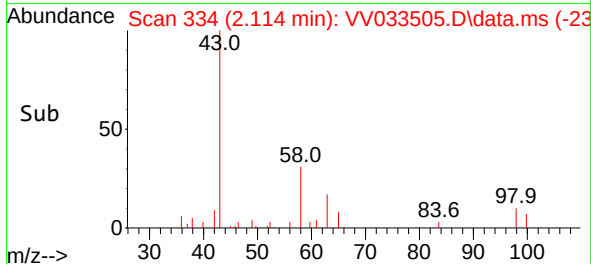
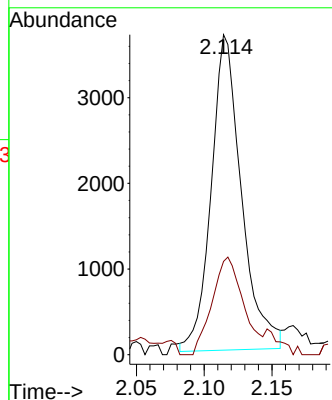
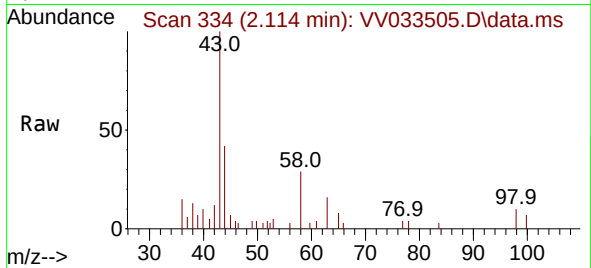
C0QL9

Tgt Ion: 43 Resp: 5716

Ion Ratio Lower Upper

43 100

58 32.1 0.0 59.2



#25

Chloroform

Concen: 2.159 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. 0.010 min

Lab File: VV033505.D

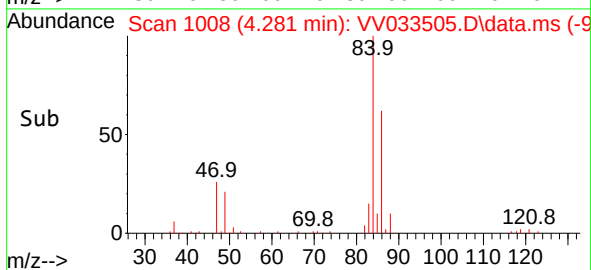
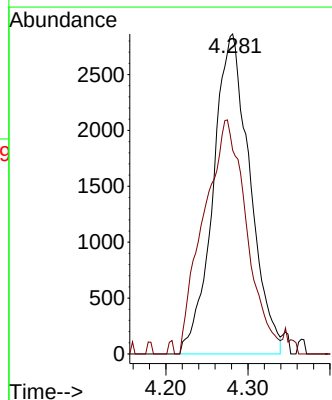
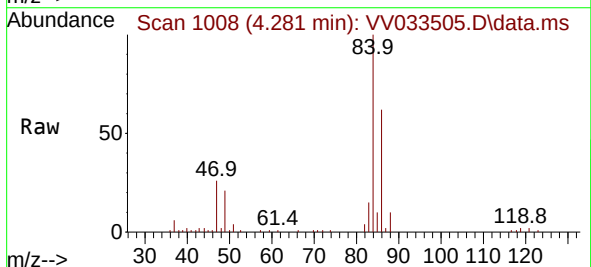
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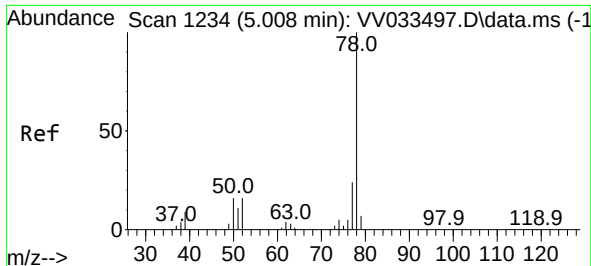
Tgt Ion: 83 Resp: 8907

Ion Ratio Lower Upper

83 100

85 63.6 46.1 85.7

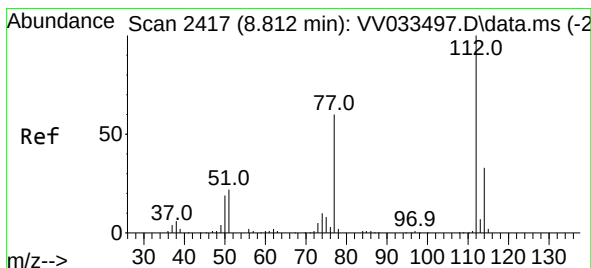
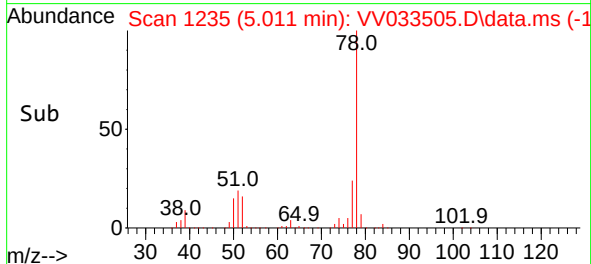
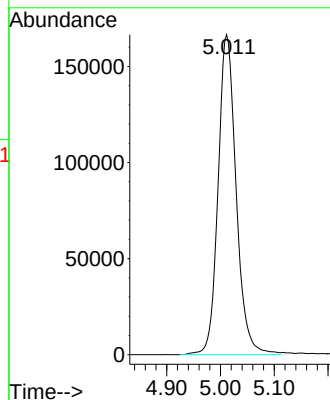
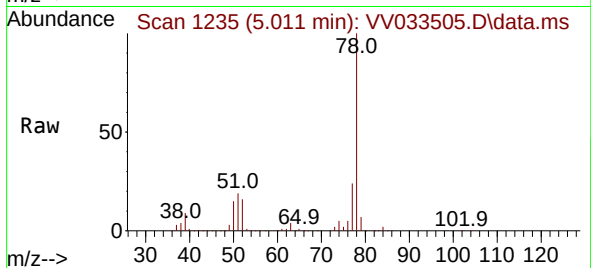




#33
Benzene
Concen: 49.421 ug/L
RT: 5.011 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV033505.D
Acq: 20 Dec 2023 12:37

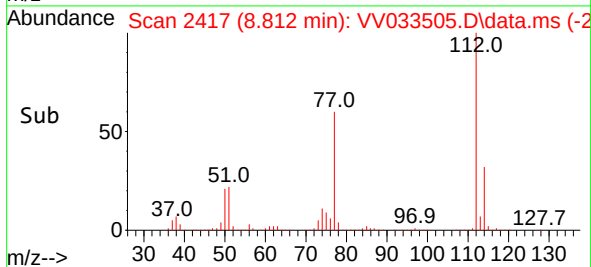
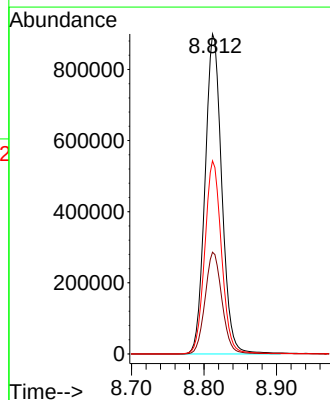
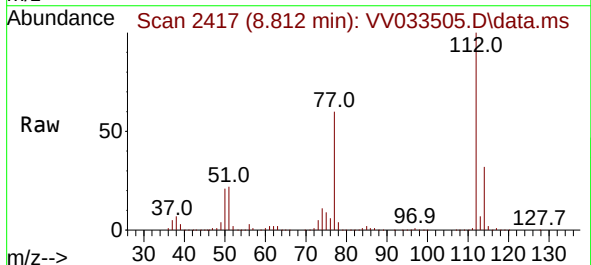
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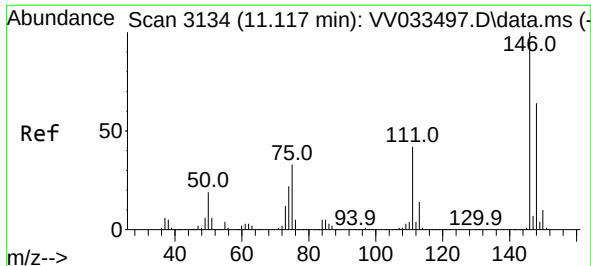
Tgt Ion: 78 Resp: 388678



#51
Chlorobenzene
Concen: 240.846 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV033505.D
Acq: 20 Dec 2023 12:37

Tgt Ion: 112 Resp: 1446852
Ion Ratio Lower Upper
112 100
114 31.8 22.5 41.7
77 60.3 45.2 67.8

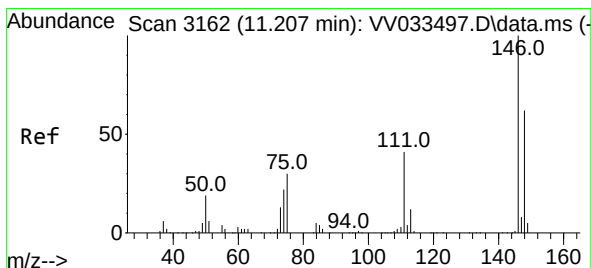
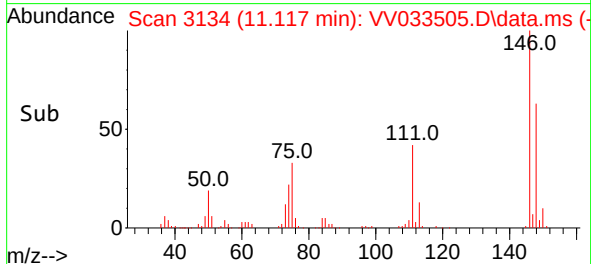
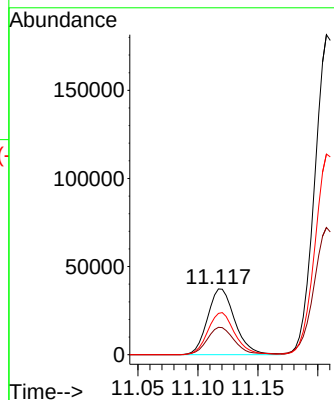
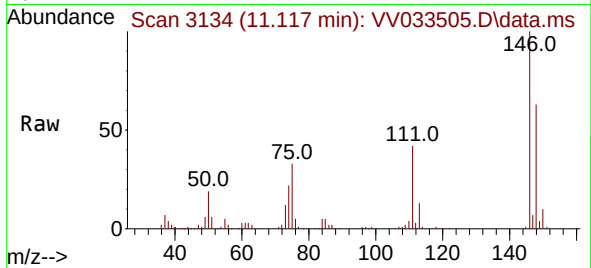




#64
 1,3-Dichlorobenzene
 Concen: 14.926 ug/L
 RT: 11.117 min Scan# 3134
 Delta R.T. -0.000 min
 Lab File: VV033505.D
 Acq: 20 Dec 2023 12:37

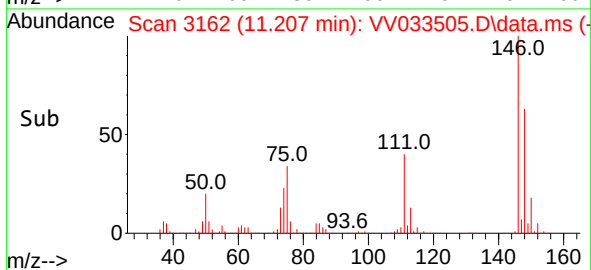
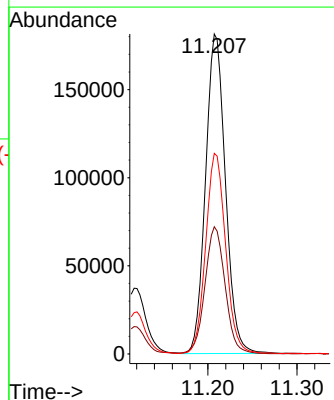
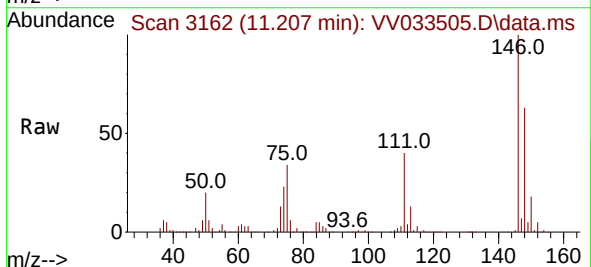
Instrument :
 MSVOA_V
 ClientSampleId :
 C0QL9

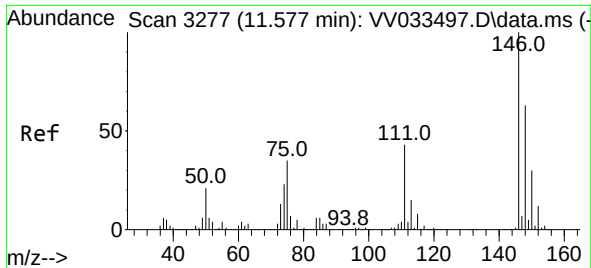
Tgt Ion:146 Resp: 59210
 Ion Ratio Lower Upper
 146 100
 111 41.7 29.3 54.5
 148 62.8 45.4 84.4



#65
 1,4-Dichlorobenzene
 Concen: 65.832 ug/L
 RT: 11.207 min Scan# 3162
 Delta R.T. -0.000 min
 Lab File: VV033505.D
 Acq: 20 Dec 2023 12:37

Tgt Ion:146 Resp: 281066
 Ion Ratio Lower Upper
 146 100
 111 39.7 27.9 51.7
 148 62.7 45.5 84.5

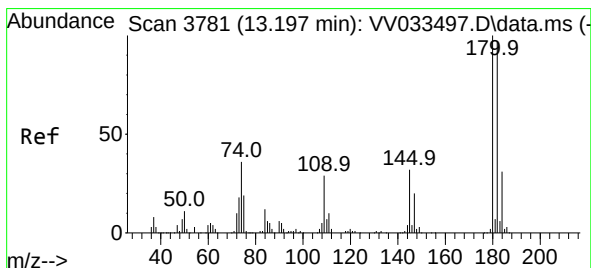
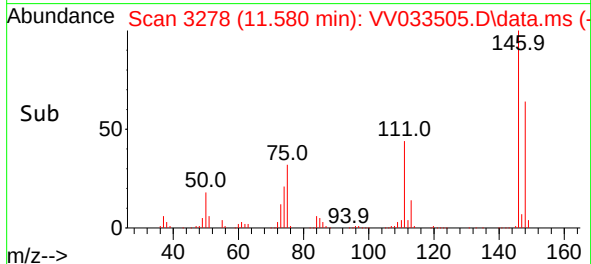
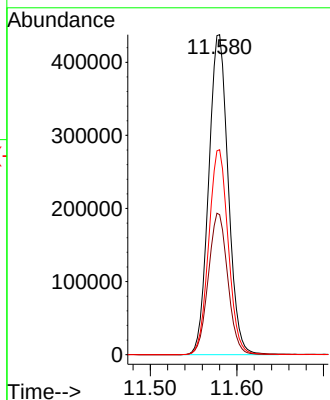
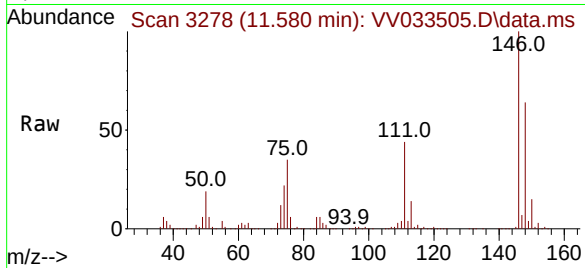




#67
1,2-Dichlorobenzene
Concen: 165.938 ug/L
RT: 11.580 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV033505.D
Acq: 20 Dec 2023 12:37

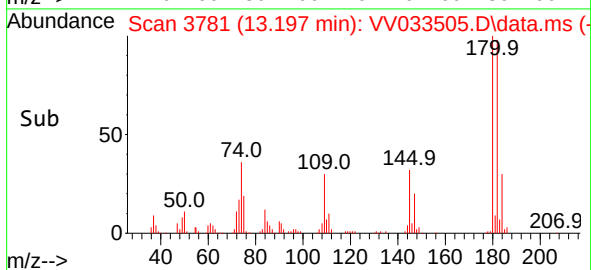
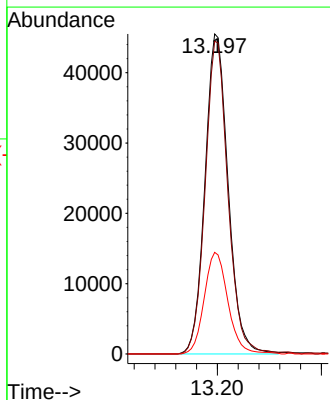
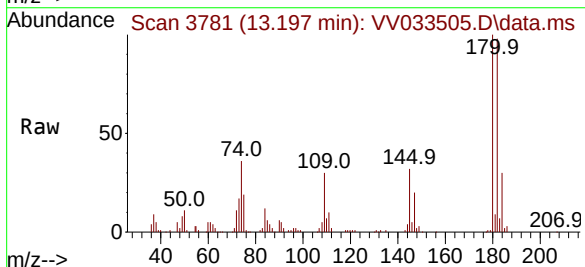
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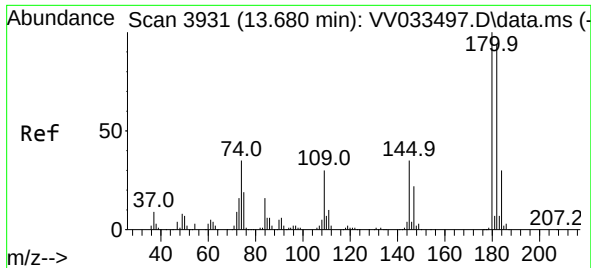
Tgt Ion:146 Resp: 685149
Ion Ratio Lower Upper
146 100
111 43.8 33.5 50.3
148 64.0 51.1 76.7



#70
1,2,4-trichlorobenzene
Concen: 29.356 ug/L
RT: 13.197 min Scan# 3781
Delta R.T. -0.000 min
Lab File: VV033505.D
Acq: 20 Dec 2023 12:37

Tgt Ion:180 Resp: 70401
Ion Ratio Lower Upper
180 100
182 96.1 76.1 114.1
145 32.4 25.6 38.4





#72
 1,2,3-Trichlorobenzene
 Concen: 12.535 ug/L
 RT: 13.680 min Scan# 3931
 Delta R.T. -0.000 min
 Lab File: VV033505.D
 Acq: 20 Dec 2023 12:37

Instrument :
 MSVOA_V
 ClientSampleId :
 C0QL9

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.2	114.2
145	34.0	27.1	40.7

