

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042224\
 Data File : VV035328.D
 Acq On : 22 Apr 2024 13:20
 Operator : SY/MD
 Sample : P2182-09 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MCORD6

Quant Time: Apr 23 00:29:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 00:28:07 2024
 Response via : Initial Calibration

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

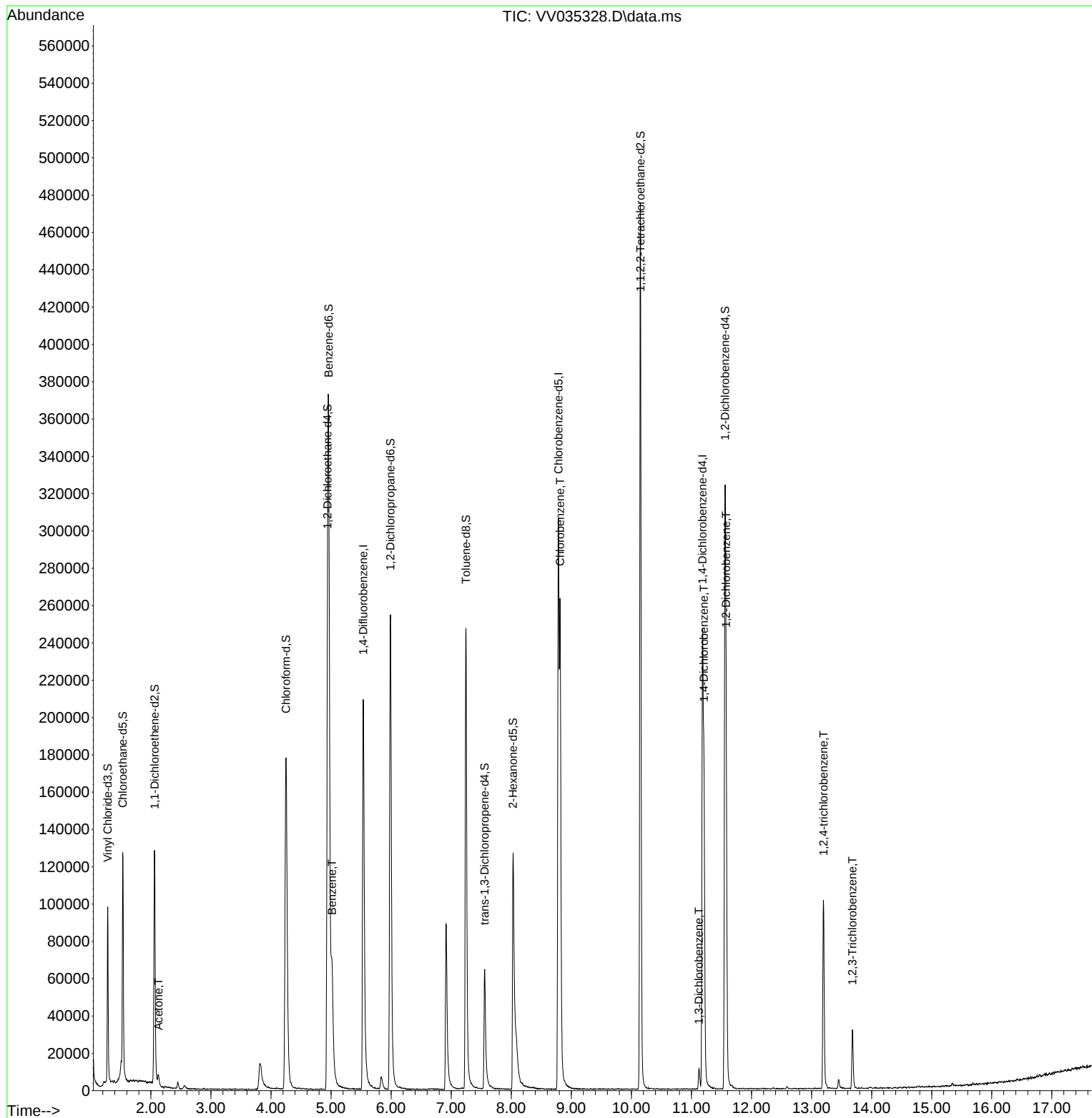
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	191748	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	165948	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	61891	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	61397	33.155	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.320%
7) Chloroethane-d5	1.532	69	75973	47.234	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.460%
11) 1,1-Dichloroethene-d2	2.063	65	22025	27.133	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.260%#
21) 2-Butanone-d5	0.000	46	0d	0.000	ug/L	
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.000%#
24) Chloroform-d	4.249	84	199323	64.019	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	128.040%#
26) 1,2-Dichloroethane-d4	4.940	65	154127	77.970	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	155.940%#
32) Benzene-d6	4.960	84	298887	53.619	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.240%
36) 1,2-Dichloropropane-d6	5.989	67	133709	75.537	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	151.080%#
41) Toluene-d8	7.246	98	176353	35.129	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.260%#
43) trans-1,3-Dichloroprop...	7.558	79	43509	50.561	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.120%
47) 2-Hexanone-d5	8.030	63	43635	65.200	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	65.200%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	235225	96.500	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	193.000%#
66) 1,2-Dichlorobenzene-d4	11.561	152	76642	55.154	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.300%
Target Compounds						Qvalue
13) Acetone	2.127	43	5757	5.710	ug/L	98
33) Benzene	5.014	78	71345	13.184	ug/L	100
51) Chlorobenzene	8.815	112	141216	38.460	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	4925	2.362	ug/L	96
65) 1,4-Dichlorobenzene	11.207	146	69403	32.731	ug/L	97
67) 1,2-Dichlorobenzene	11.577	146	63574	30.607	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	32571	23.596	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	10507	7.722	ug/L	98

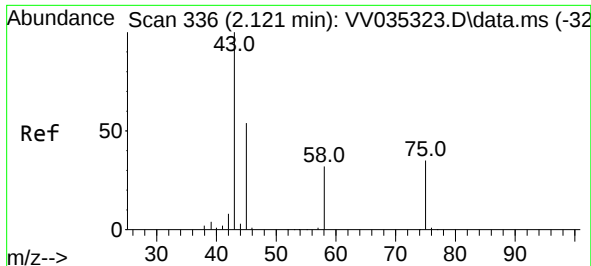
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042224\
Data File : VV035328.D
Acq On : 22 Apr 2024 13:20
Operator : SY/MD
Sample : P2182-09 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MC0RD6

Quant Time: Apr 23 00:29:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 00:28:07 2024
Response via : Initial Calibration





#13

Acetone

Concen: 5.710 ug/L

RT: 2.127 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV035328.D

Acq: 22 Apr 2024 13:20

Instrument :

MSVOA_V

ClientSampleId :

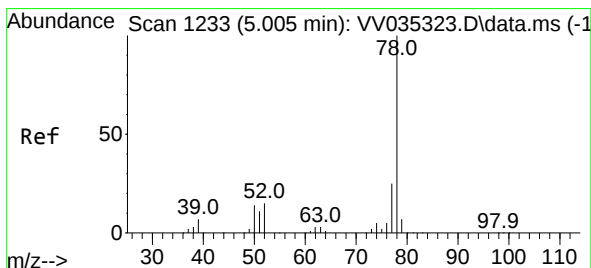
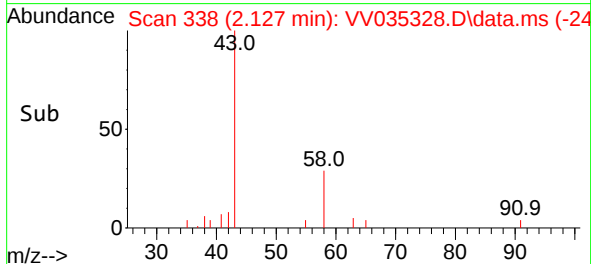
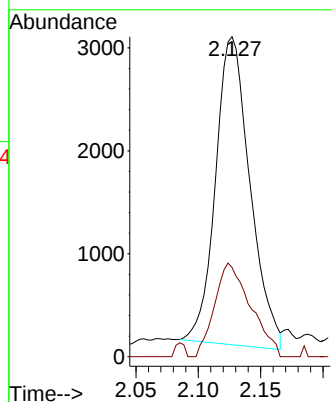
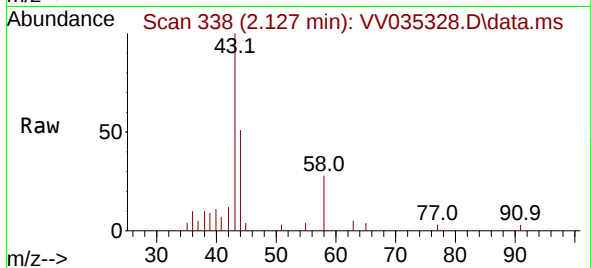
MC0RD6

Tgt Ion: 43 Resp: 5757

Ion Ratio Lower Upper

43 100

58 31.8 0.0 66.0



#33

Benzene

Concen: 13.184 ug/L

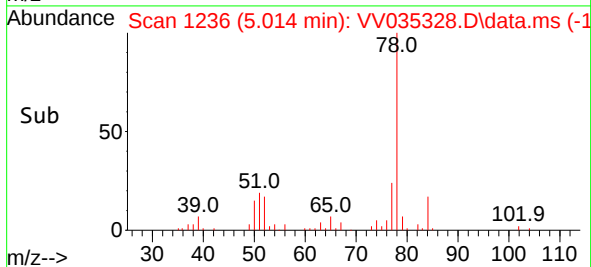
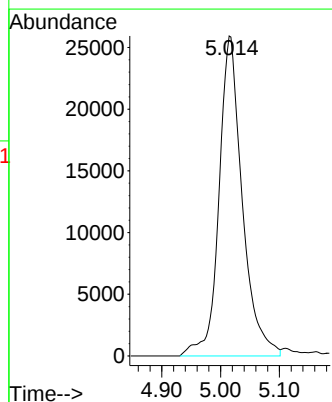
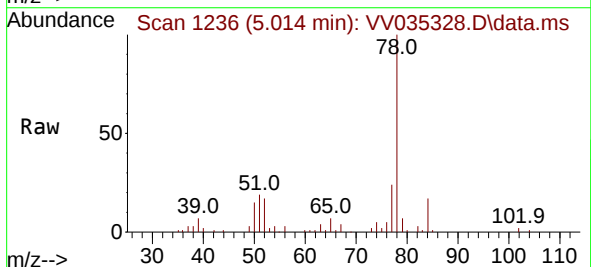
RT: 5.014 min Scan# 1236

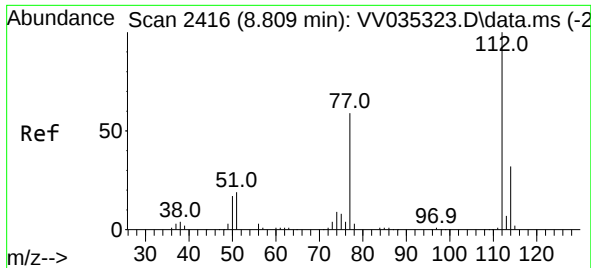
Delta R.T. 0.009 min

Lab File: VV035328.D

Acq: 22 Apr 2024 13:20

Tgt Ion: 78 Resp: 71345

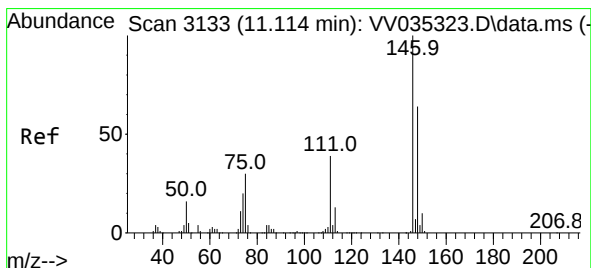
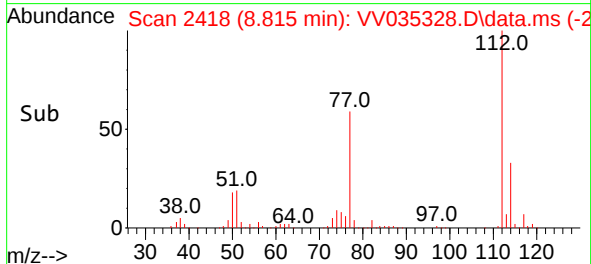
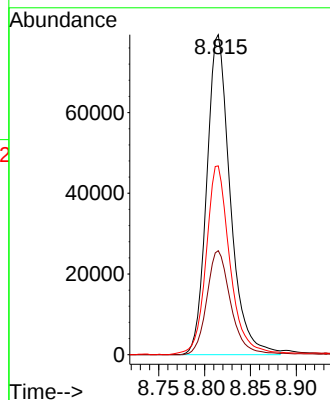
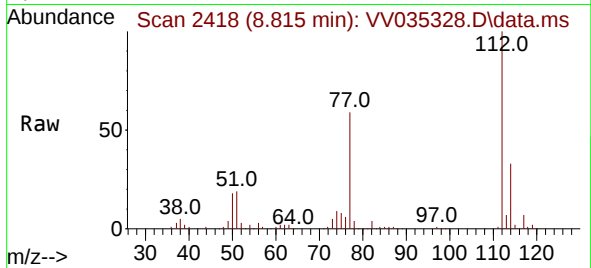




#51
Chlorobenzene
Concen: 38.460 ug/L
RT: 8.815 min Scan# 2416
Delta R.T. 0.006 min
Lab File: VV035328.D
Acq: 22 Apr 2024 13:20

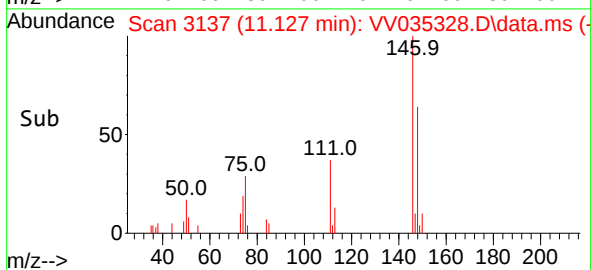
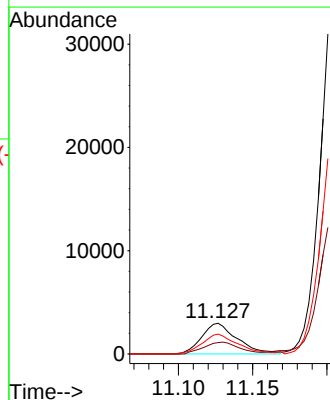
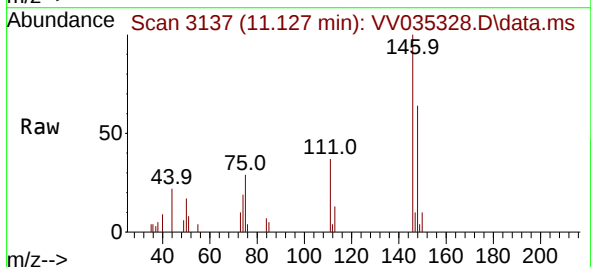
Instrument :
MSVOA_V
ClientSampleId :
MCORD6

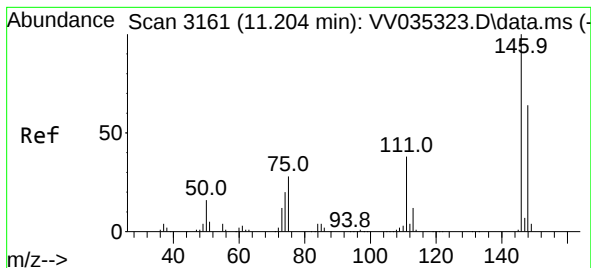
Tgt Ion:112 Resp: 141216
Ion Ratio Lower Upper
112 100
114 32.5 22.0 41.0
77 59.0 47.4 71.2



#64
1,3-Dichlorobenzene
Concen: 2.362 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.013 min
Lab File: VV035328.D
Acq: 22 Apr 2024 13:20

Tgt Ion:146 Resp: 4925
Ion Ratio Lower Upper
146 100
111 37.0 28.7 53.3
148 64.4 44.0 81.8





#65

1,4-Dichlorobenzene

Concen: 32.731 ug/L

RT: 11.207 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV035328.D

Acq: 22 Apr 2024 13:20

Instrument :

MSVOA_V

ClientSampleId :

MC0RD6

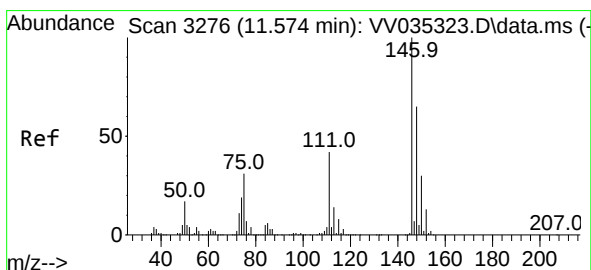
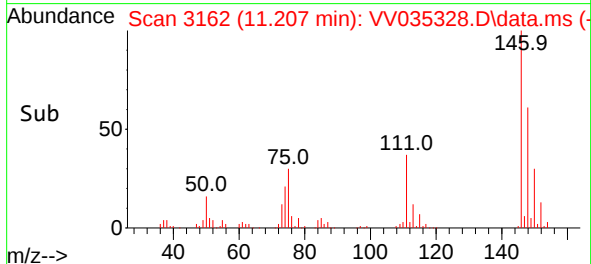
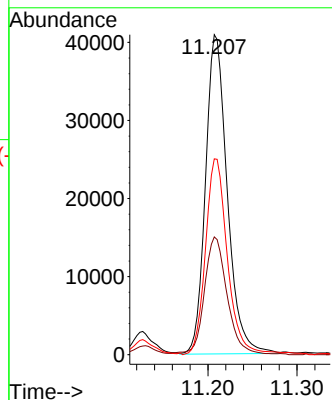
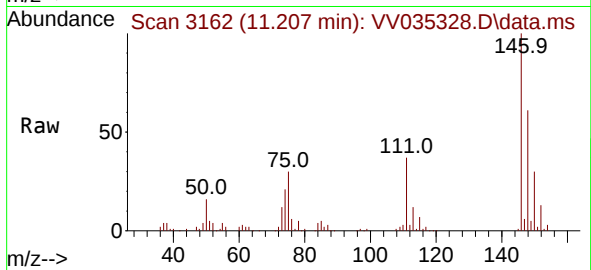
Tgt Ion:146 Resp: 69403

Ion Ratio Lower Upper

146 100

111 36.8 27.4 50.8

148 61.2 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 30.607 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.003 min

Lab File: VV035328.D

Acq: 22 Apr 2024 13:20

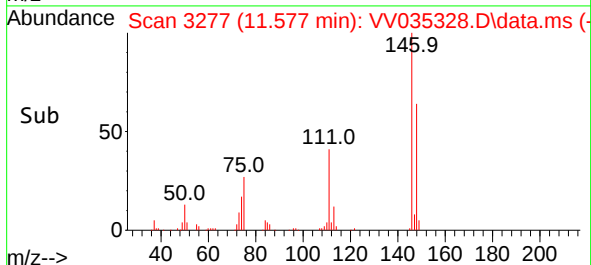
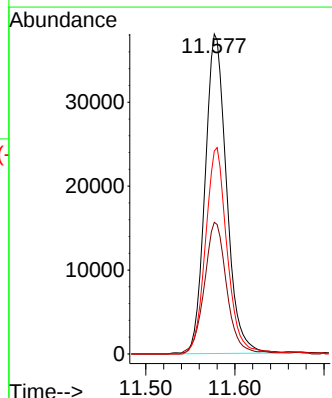
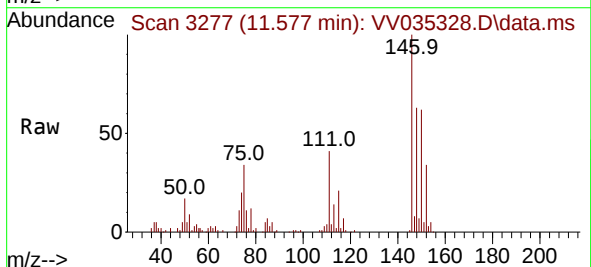
Tgt Ion:146 Resp: 63574

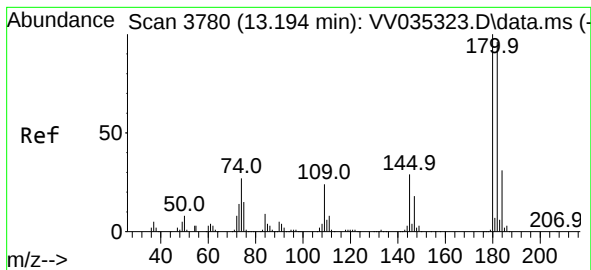
Ion Ratio Lower Upper

146 100

111 41.2 34.6 52.0

148 63.4 51.5 77.3





#70

1,2,4-trichlorobenzene

Concen: 23.596 ug/L

RT: 13.197 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035328.D

Acq: 22 Apr 2024 13:20

Instrument :

MSVOA_V

ClientSampleId :

MC0RD6

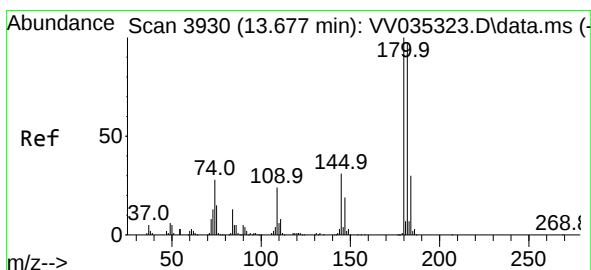
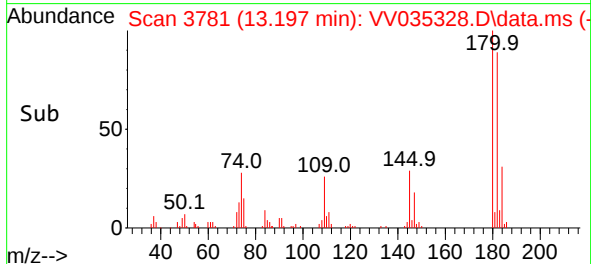
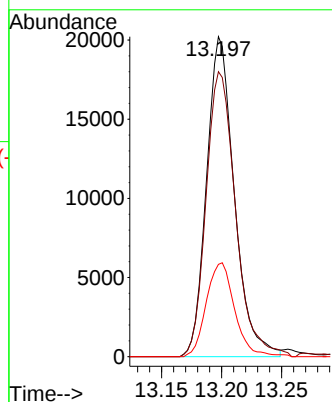
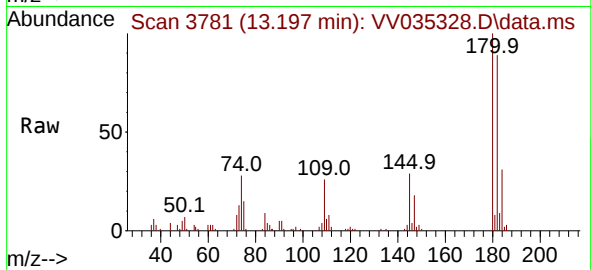
Tgt Ion:180 Resp: 32571

Ion Ratio Lower Upper

180 100

182 94.3 75.6 113.4

145 29.9 24.1 36.1



#72

1,2,3-Trichlorobenzene

Concen: 7.722 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

Lab File: VV035328.D

Acq: 22 Apr 2024 13:20

Tgt Ion:180 Resp: 10507

Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.2

145 29.7 25.8 38.6

