

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042924\
 Data File : VV035479.D
 Acq On : 29 Apr 2024 18:33
 Operator : SY/MD
 Sample : P2279-11 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 30 02:14:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 02:09:05 2024
 Response via : Initial Calibration

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

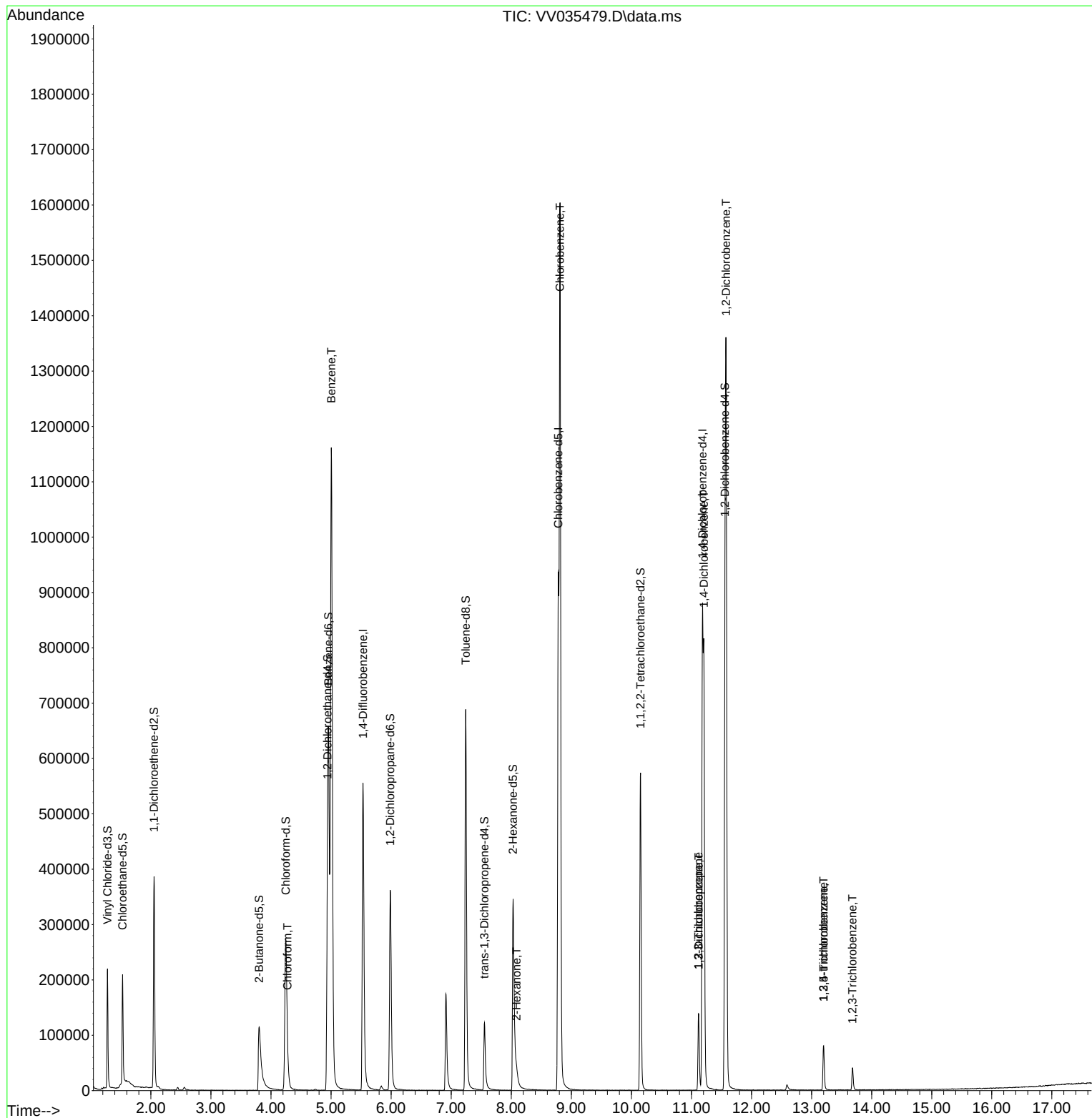
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	501833	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	490106	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	218446	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	148861	36.911	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.820%
7) Chloroethane-d5	1.529	69	125447	54.290	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.580%
11) 1,1-Dichloroethene-d2	2.053	65	66684	40.456	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.920%
21) 2-Butanone-d5	3.802	46	228808	110.697	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.700%
24) Chloroform-d	4.246	84	295407	43.530	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.060%
26) 1,2-Dichloroethane-d4	4.941	65	186096	47.080	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.160%
32) Benzene-d6	4.957	84	583643	45.315	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.640%
36) 1,2-Dichloropropane-d6	5.986	67	189116	47.591	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.180%
41) Toluene-d8	7.243	98	489848	42.197	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	7.555	79	79808	42.932	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.860%
47) 2-Hexanone-d5	8.030	63	121967	106.468	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.470%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	287068	50.685	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.360%
66) 1,2-Dichlorobenzene-d4	11.558	152	196768	51.485	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.960%
Target Compounds						
						Qvalue
25) Chloroform	4.275	83	28045	4.112	ug/L	94
33) Benzene	5.005	78	1240747	94.608	ug/L	100
48) 2-Hexanone	8.088	43	22187	5.969	ug/L #	77
51) Chlorobenzene	8.812	112	879902	90.798	ug/L	100
61) 1,2,3-Trichloropropane	11.117	75	17467	4.272	ug/L #	49
64) 1,3-Dichlorobenzene	11.120	146	60130	9.262	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	307049	45.090	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	489511	74.419	ug/L	98
69) 1,3,5-Trichlorobenzene	13.201	180	27340	5.944	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	27340	7.487	ug/L	97
72) 1,2,3-Trichlorobenzene	13.680	180	13642	3.834	ug/L	100

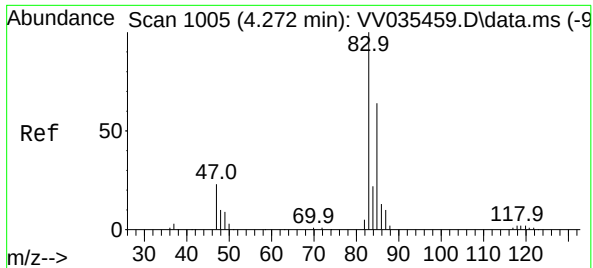
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 02:09:05 2024
Response via : Initial Calibration





#25

Chloroform

Concen: 4.112 ug/L

RT: 4.275 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV035479.D

Acq: 29 Apr 2024 18:33

Instrument :

MSVOA_V

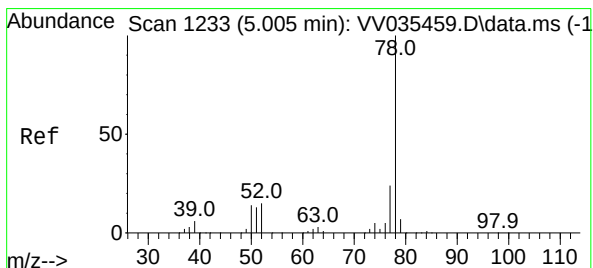
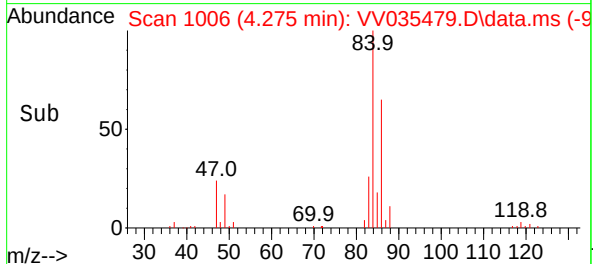
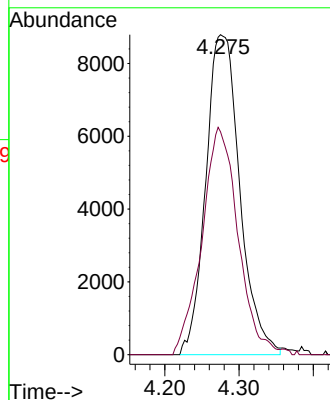
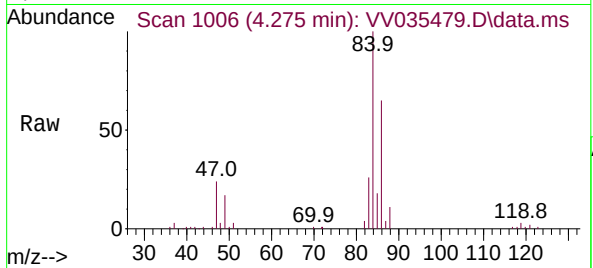
ClientSampleId :

Tgt Ion: 83 Resp: 28045

Ion Ratio Lower Upper

83 100

85 69.7 45.6 84.6



#33

Benzene

Concen: 94.608 ug/L

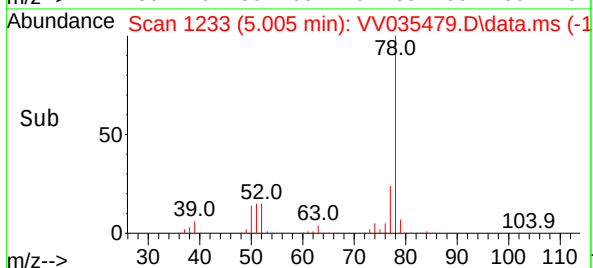
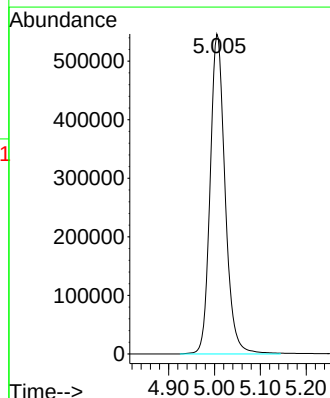
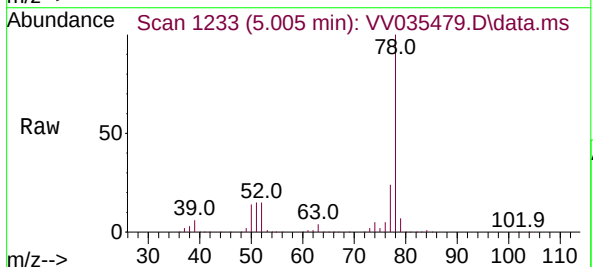
RT: 5.005 min Scan# 1233

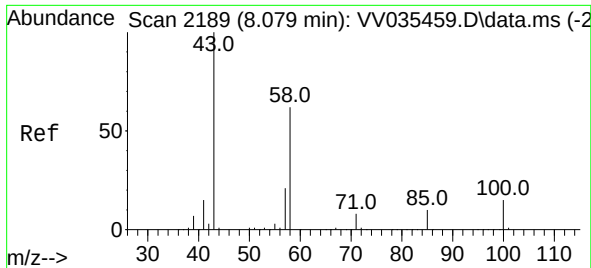
Delta R.T. 0.000 min

Lab File: VV035479.D

Acq: 29 Apr 2024 18:33

Tgt Ion: 78 Resp: 1240747



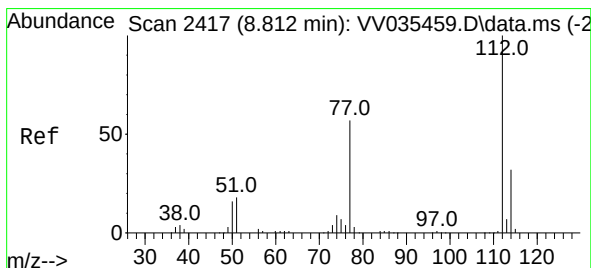
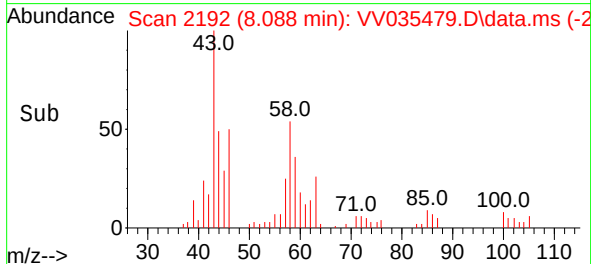
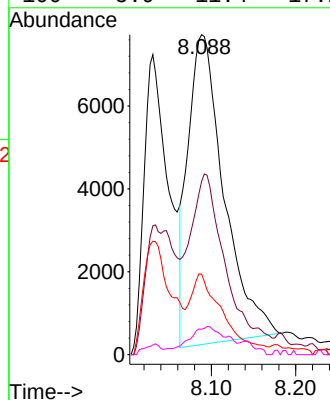
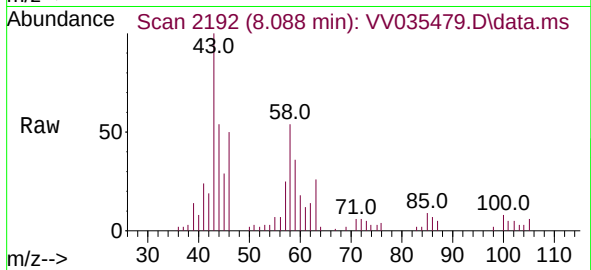


#48
2-Hexanone
Concen: 5.969 ug/L
RT: 8.088 min Scan# 2187
Delta R.T. 0.010 min
Lab File: VV035479.D
Acq: 29 Apr 2024 18:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 22187

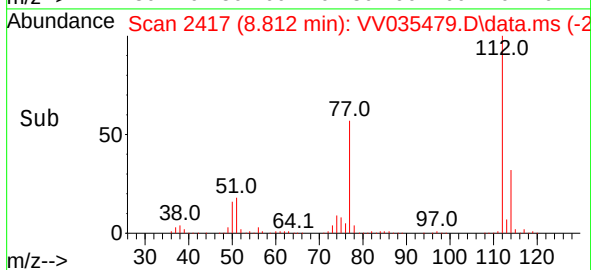
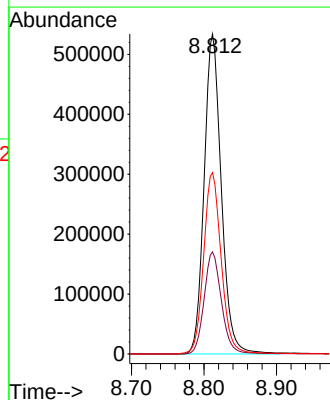
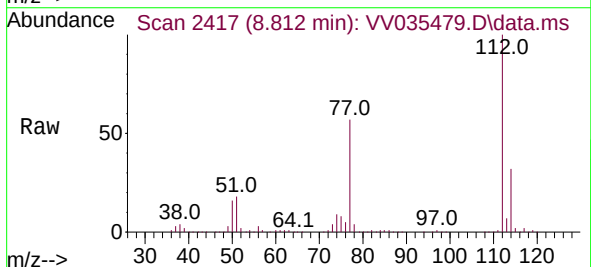
Ion	Ratio	Lower	Upper
43	100		
58	37.6	49.4	74.0#
57	21.1	17.1	25.7
100	5.9	11.4	17.2#

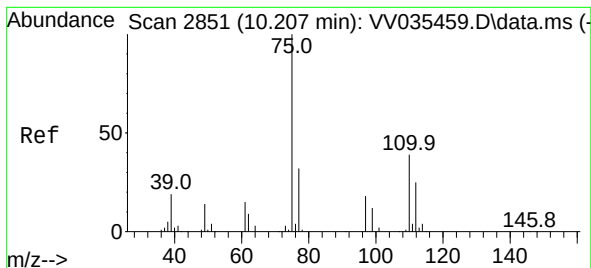


#51
Chlorobenzene
Concen: 90.798 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV035479.D
Acq: 29 Apr 2024 18:33

Tgt Ion: 112 Resp: 879902

Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.4	41.6
77	56.7	45.6	68.4





#61

1,2,3-Trichloropropane

Concen: 4.272 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.910 min

Lab File: VV035479.D

Acq: 29 Apr 2024 18:33

Instrument :

MSVOA_V

ClientSampleId :

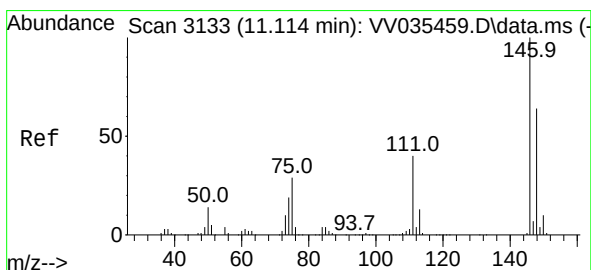
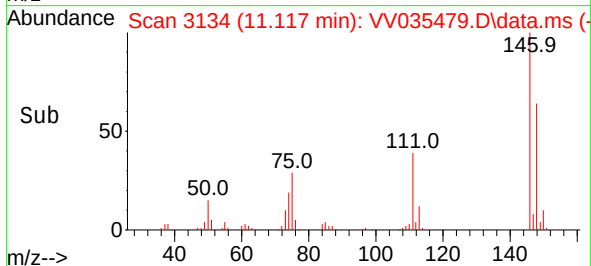
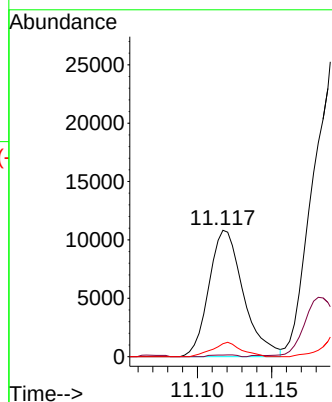
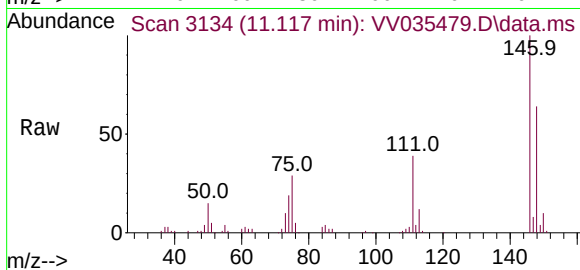
Tgt Ion: 75 Resp: 17467

Ion Ratio Lower Upper

75 100

77 1.0 25.3 37.9#

110 9.4 31.2 46.8#



#64

1,3-Dichlorobenzene

Concen: 9.262 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.006 min

Lab File: VV035479.D

Acq: 29 Apr 2024 18:33

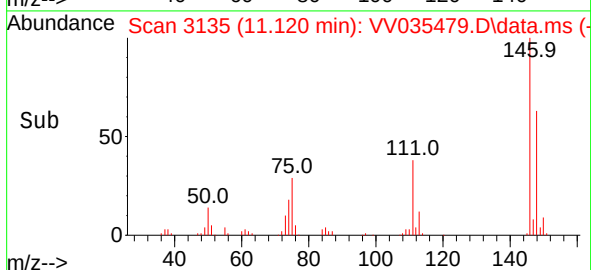
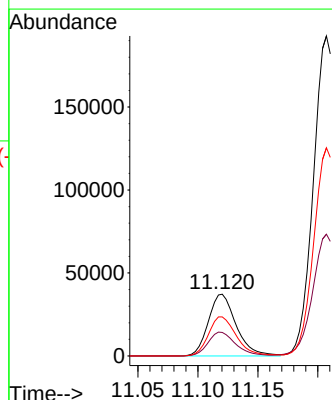
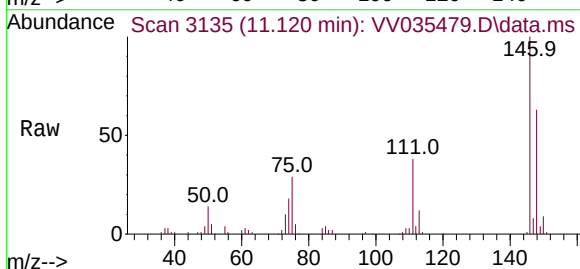
Tgt Ion:146 Resp: 60130

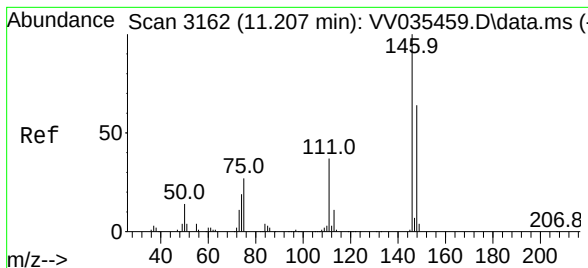
Ion Ratio Lower Upper

146 100

111 38.1 27.0 50.2

148 63.2 44.2 82.2





#65

1,4-Dichlorobenzene

Concen: 45.090 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035479.D

Acq: 29 Apr 2024 18:33

Instrument :

MSVOA_V

ClientSampleId :

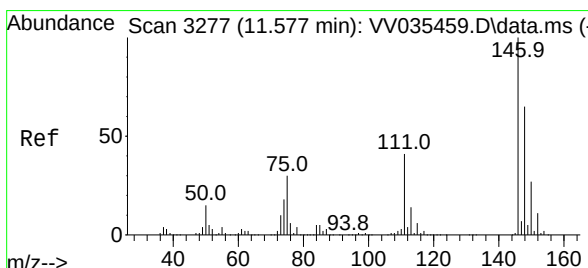
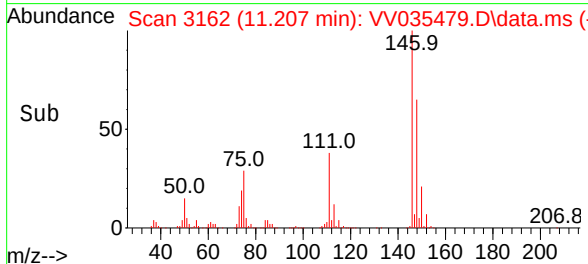
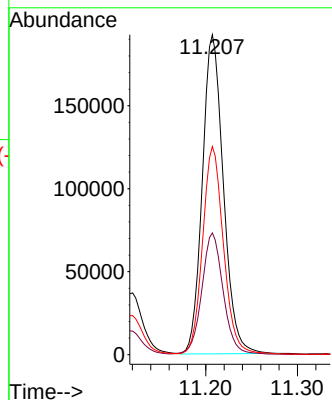
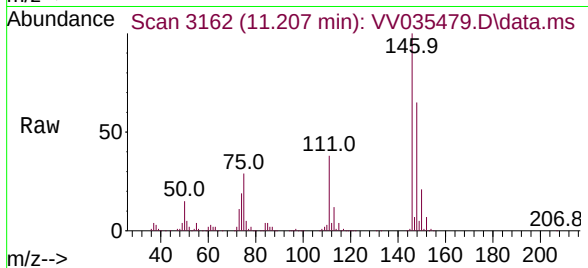
Tgt Ion:146 Resp: 307049

Ion Ratio Lower Upper

146 100

111 38.0 26.5 49.1

148 65.1 45.0 83.6



#67

1,2-Dichlorobenzene

Concen: 74.419 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035479.D

Acq: 29 Apr 2024 18:33

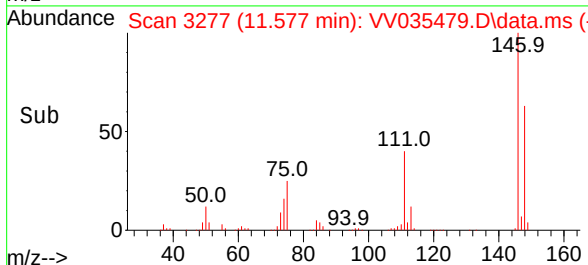
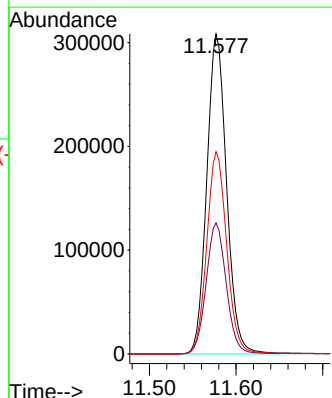
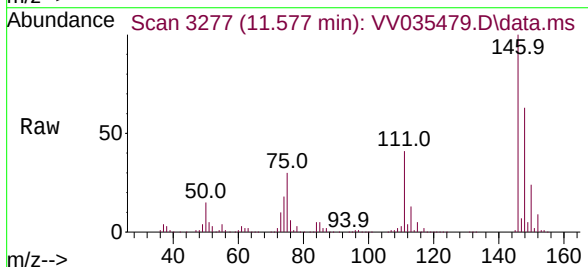
Tgt Ion:146 Resp: 489511

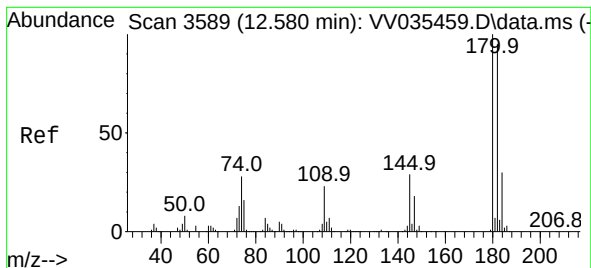
Ion Ratio Lower Upper

146 100

111 40.9 33.3 49.9

148 63.2 52.2 78.2





#69

1,3,5-Trichlorobenzene

Concen: 5.944 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.621 min

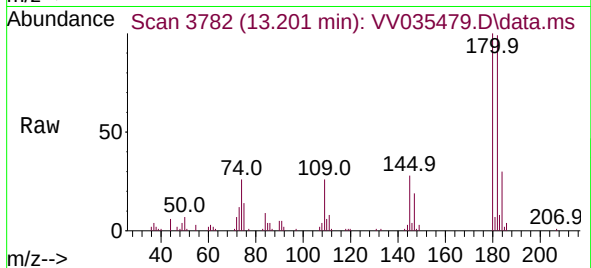
Lab File: VV035479.D

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Instrument :

MSVOA_V

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Tgt Ion:180 Resp: 27340

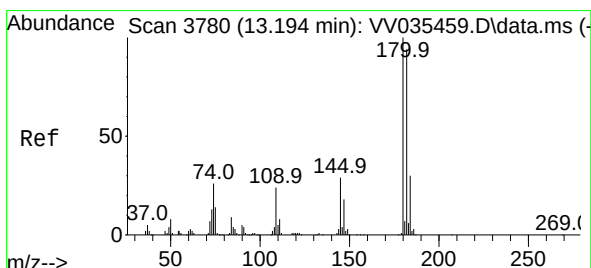
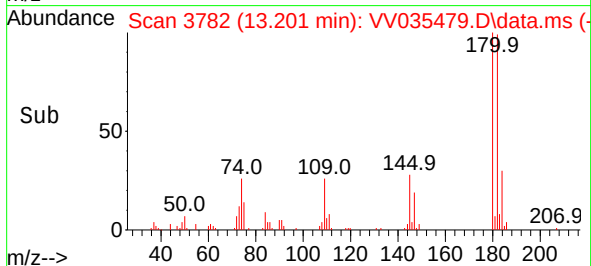
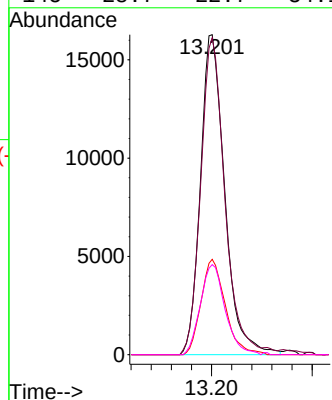
Ion Ratio Lower Upper

180 100

182 97.4 76.2 114.2

184 29.8 23.8 35.6

145 28.7 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 7.487 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.006 min

Lab File: VV035479.D

Acq: 29 Apr 2024 18:33

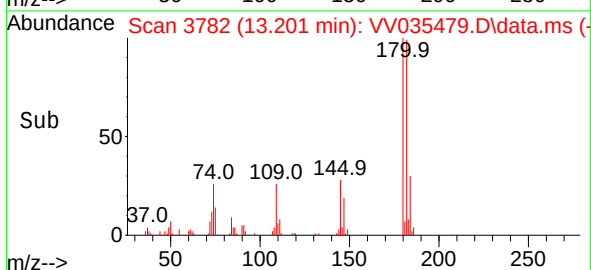
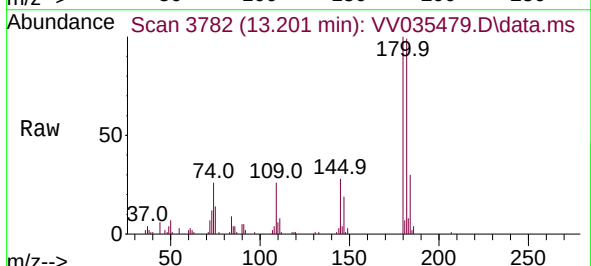
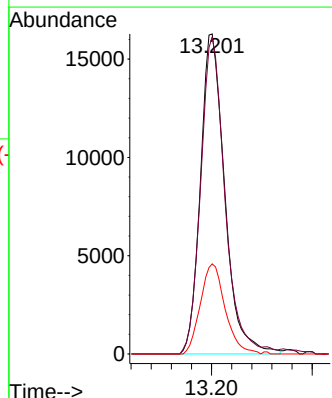
Tgt Ion:180 Resp: 27340

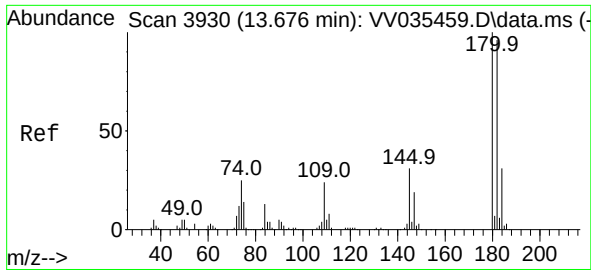
Ion Ratio Lower Upper

180 100

182 97.4 75.1 112.7

145 28.7 23.2 34.8





#72

1,2,3-Trichlorobenzene

Concen: 3.834 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. 0.003 min

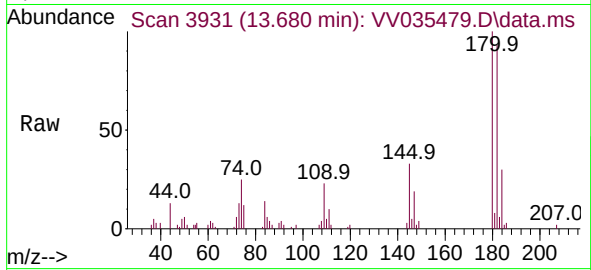
Lab File: VV035479.D

Acq: 29 Apr 2024 18:33

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 13642

Ion Ratio Lower Upper

180 100

182 95.6 76.6 115.0

145 30.5 24.7 37.1

