

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040324\
 Data File : VW034948.D
 Acq On : 03 Apr 2024 11:31
 Operator : SY/MD
 Sample : P1925-01DL 40X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 04 02:51:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 04 02:49:59 2024
 Response via : Initial Calibration

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

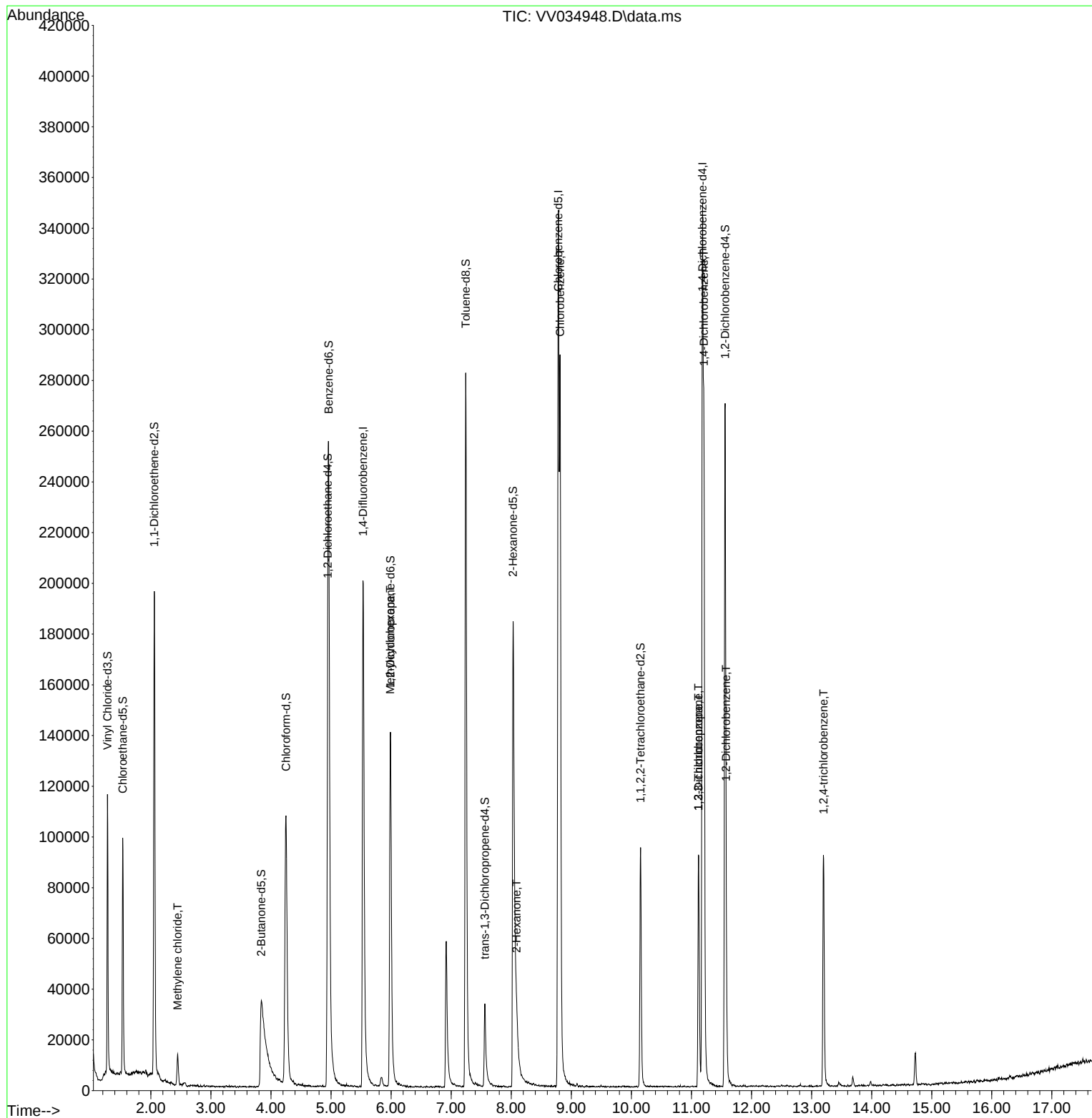
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	180640	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	180345	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	81913	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	70165	4.713	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.200%
7) Chloroethane-d5	1.532	69	60087	4.895	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.056	65	33233	4.915	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.400%
20) 2-Butanone-d5	3.838	46	104040	44.666	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.340%
24) Chloroform-d	4.249	84	116574	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	4.944	65	57853	5.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	4.960	84	239315	5.073	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	5.989	67	73918	5.339	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.800%
41) Toluene-d8	7.243	98	200631	4.682	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	7.561	79	22049	4.483	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.030	63	75255	44.579	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.160%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	48144	4.983	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	67928	5.265	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						Qvalue
16) Methylene chloride	2.446	84	4926	0.327	ug/L	93
35) Methylcyclohexane	5.986	83	16751	0.765	ug/L #	19
48) 2-Hexanone	8.088	43	14698	3.014	ug/L #	74
51) Chlorobenzene	8.815	112	153385	4.091	ug/L	98
61) 1,2,3-Trichloropropane	11.117	75	11556	1.511	ug/L #	48
64) 1,3-Dichlorobenzene	11.117	146	38135	1.460	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	97531	3.727	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	11623	0.482	ug/L	95
70) 1,2,4-trichlorobenzene	13.201	180	28228	1.852	ug/L	96

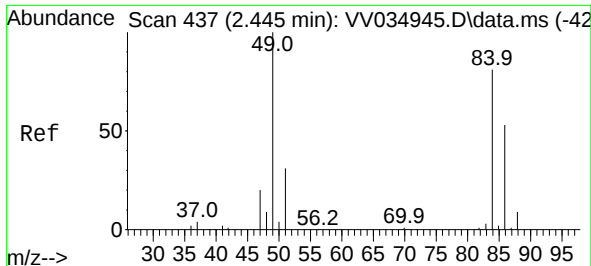
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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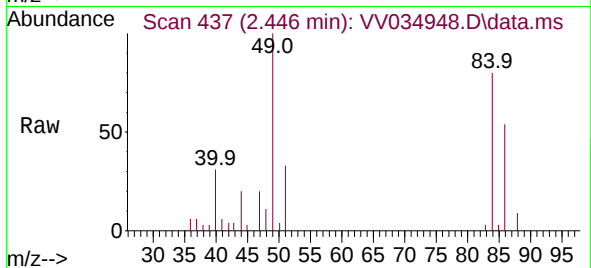
Quant Time: Apr 04 02:51:40 2024
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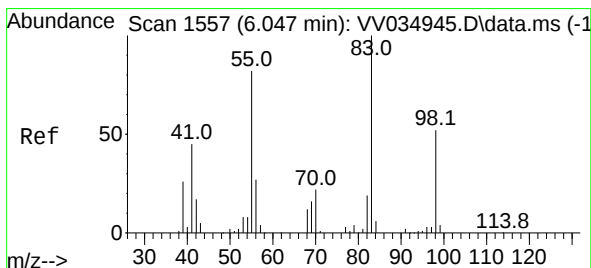
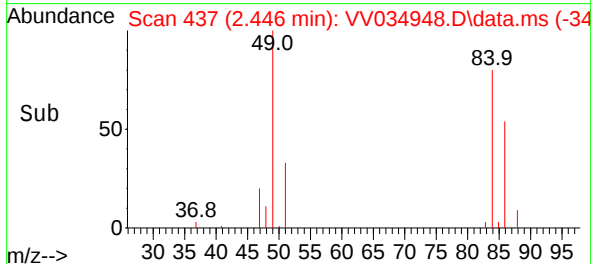
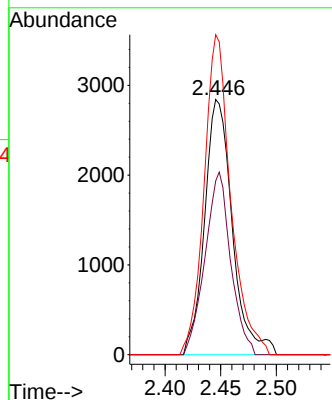
#16
Methylene chloride
Concen: 0.327 ug/L
RT: 2.446 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV034948.D
Acq: 03 Apr 2024 11:31

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 4926

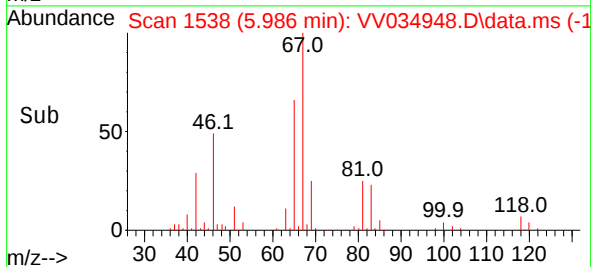
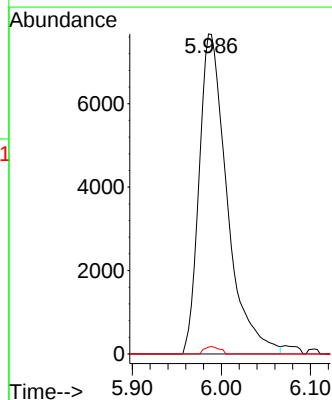
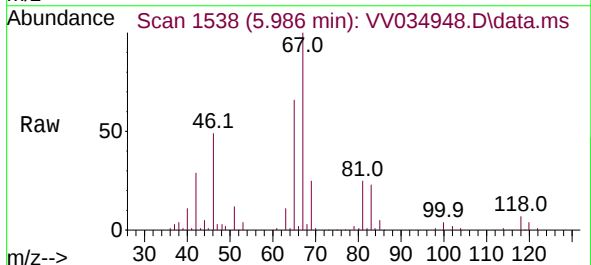
Ion	Ratio	Lower	Upper
84	100		
86	68.1	43.5	80.9
49	125.4	82.5	153.3

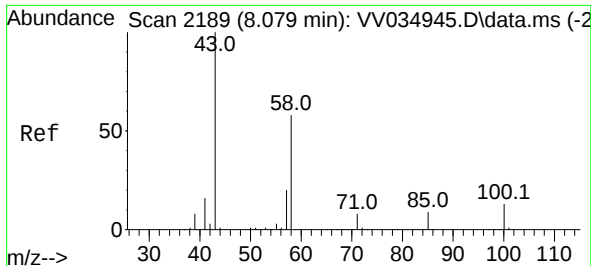


#35
Methylcyclohexane
Concen: 0.765 ug/L
RT: 5.986 min Scan# 1538
Delta R.T. -0.061 min
Lab File: VV034948.D
Acq: 03 Apr 2024 11:31

Tgt Ion: 83 Resp: 16751

Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.6	91.0#
98	1.3	37.8	56.6#

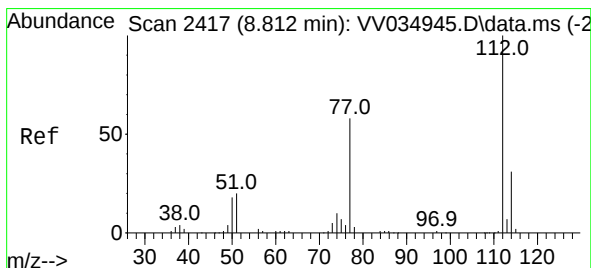
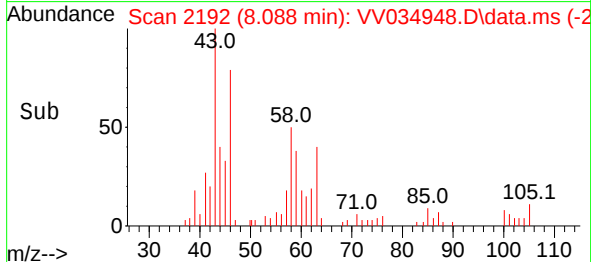
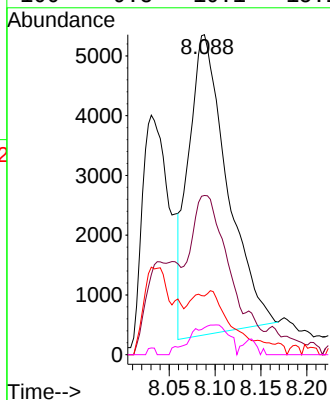
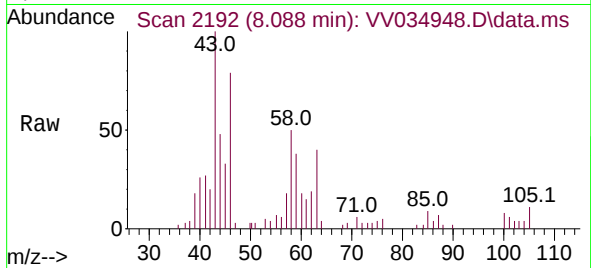




#48
2-Hexanone
Concen: 3.014 ug/L
RT: 8.088 min Scan# 2189
Delta R.T. 0.010 min
Lab File: VV034948.D
Acq: 03 Apr 2024 11:31

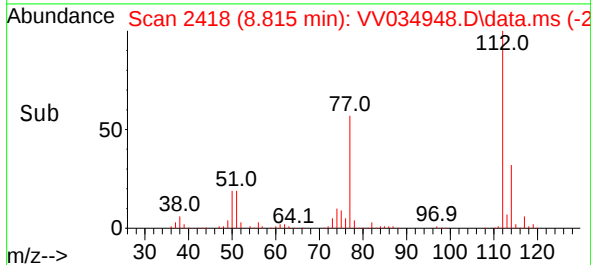
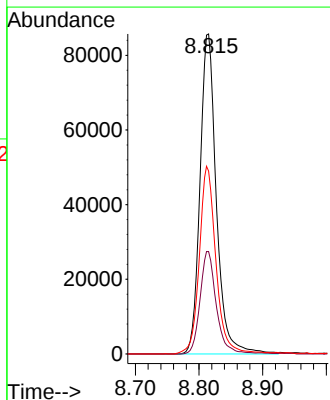
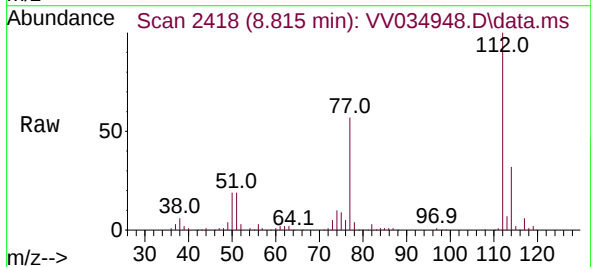
Instrument :
MSVOA_V
ClientSampleId :

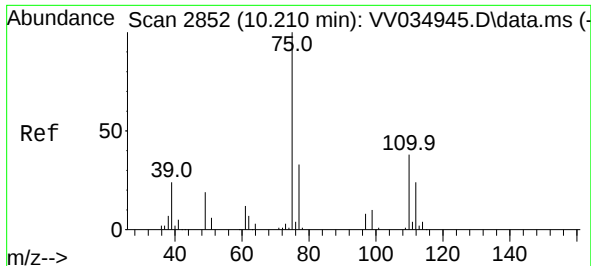
Tgt Ion: 43	Resp: 14698
Ion Ratio	Lower Upper
43 100	
58 40.8	48.2 72.4#
57 1.9	15.6 23.4#
100 9.8	10.1 15.1#



#51
Chlorobenzene
Concen: 4.091 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV034948.D
Acq: 03 Apr 2024 11:31

Tgt	Ion:112	Resp:	153385
Ion	Ratio	Lower	Upper
112	100		
114	32.0	21.9	40.7
77	57.2	47.4	71.2





#61

1,2,3-Trichloropropane

Concen: 1.511 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.907 min

Lab File: VV034948.D

Acq: 03 Apr 2024 11:31

Instrument :

MSVOA_V

ClientSampleId :

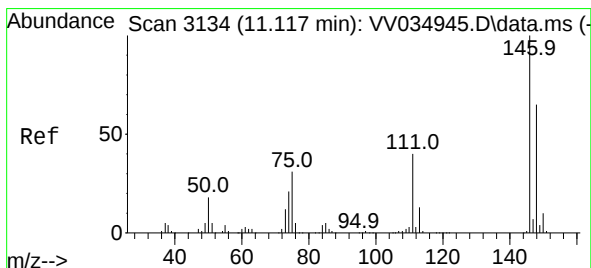
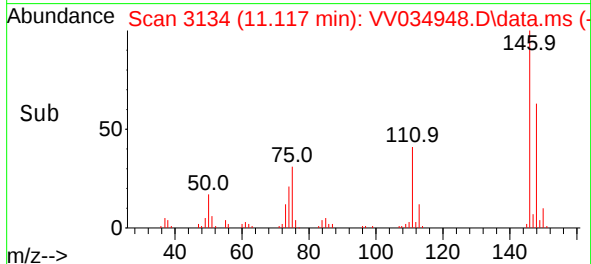
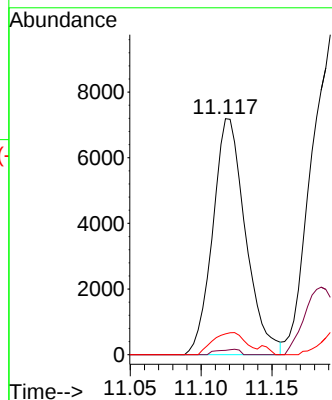
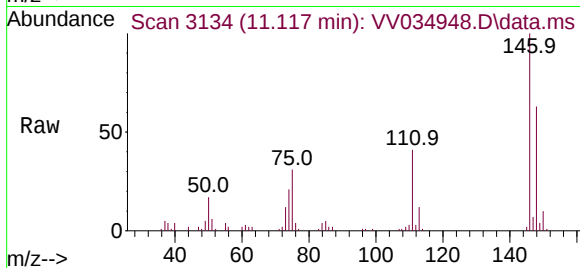
Tgt Ion: 75 Resp: 11556

Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#

110 9.4 31.0 46.6#



#64

1,3-Dichlorobenzene

Concen: 1.460 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.000 min

Lab File: VV034948.D

Acq: 03 Apr 2024 11:31

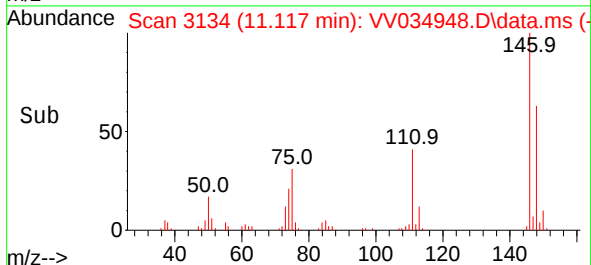
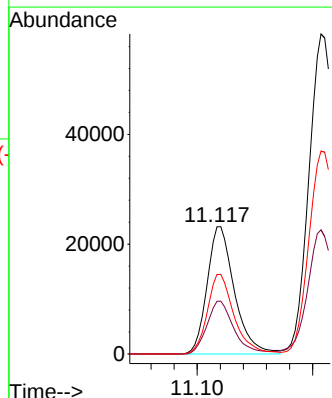
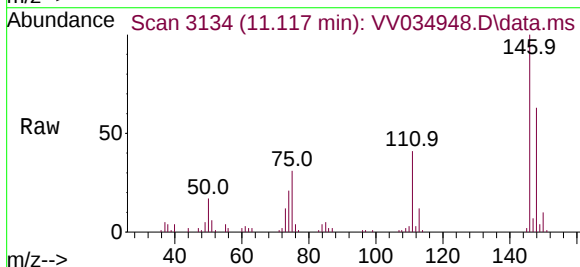
Tgt Ion:146 Resp: 38135

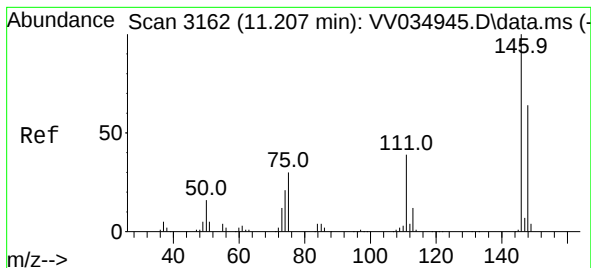
Ion Ratio Lower Upper

146 100

111 41.3 27.7 51.5

148 62.5 44.0 81.8





#65

1,4-Dichlorobenzene

Concen: 3.727 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV034948.D

Acq: 03 Apr 2024 11:31

Instrument :

MSVOA_V

ClientSampleId :

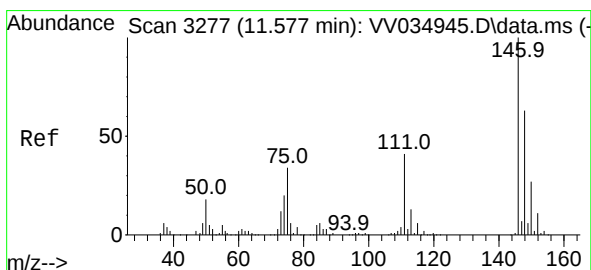
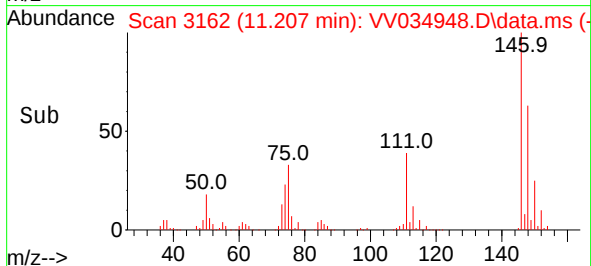
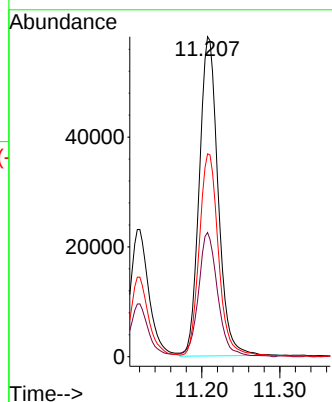
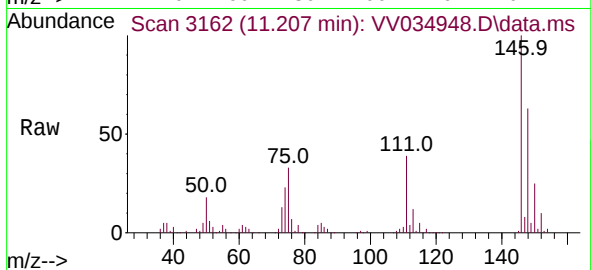
Tgt Ion:146 Resp: 97531

Ion Ratio Lower Upper

146 100

111 38.8 27.3 50.7

148 63.4 43.5 80.7



#67

1,2-Dichlorobenzene

Concen: 0.482 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV034948.D

Acq: 03 Apr 2024 11:31

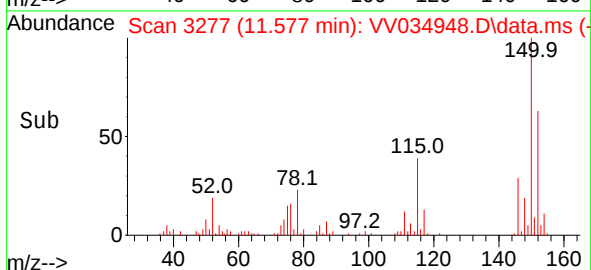
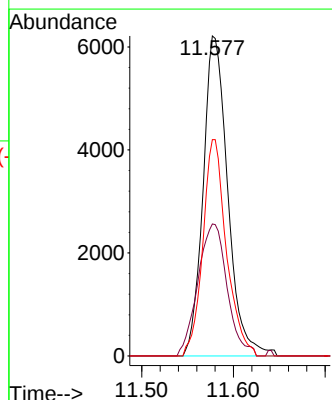
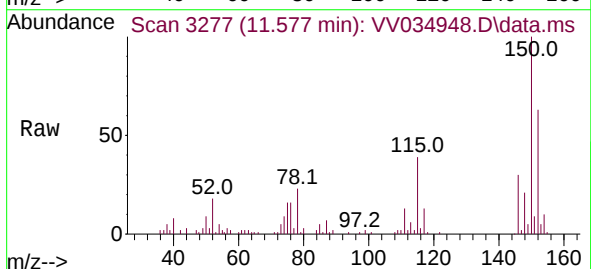
Tgt Ion:146 Resp: 11623

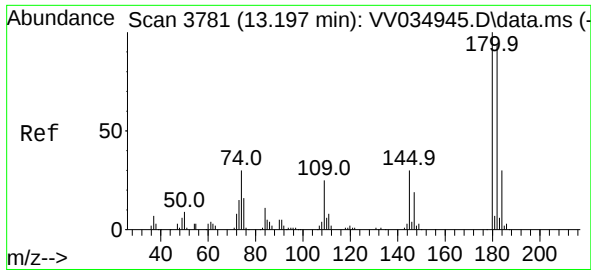
Ion Ratio Lower Upper

146 100

111 41.3 33.9 50.9

148 67.6 49.3 73.9





#70

1,2,4-trichlorobenzene

Concen: 1.852 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.003 min

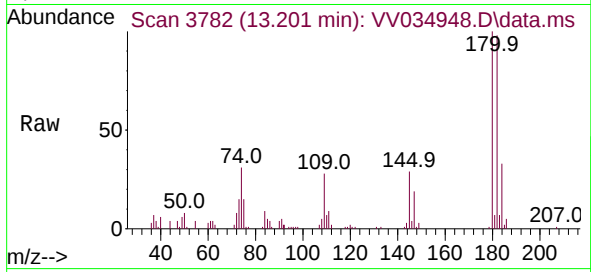
Lab File: VV034948.D

Acq: 03 Apr 2024 11:31

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 28228

Ion Ratio Lower Upper

180 100

182 98.1 75.3 112.9

145 30.1 23.4 35.0

