

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040324\
 Data File : VV034955.D
 Acq On : 03 Apr 2024 14:42
 Operator : SY/MD
 Sample : P1925-15 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 04 02:53:37 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)

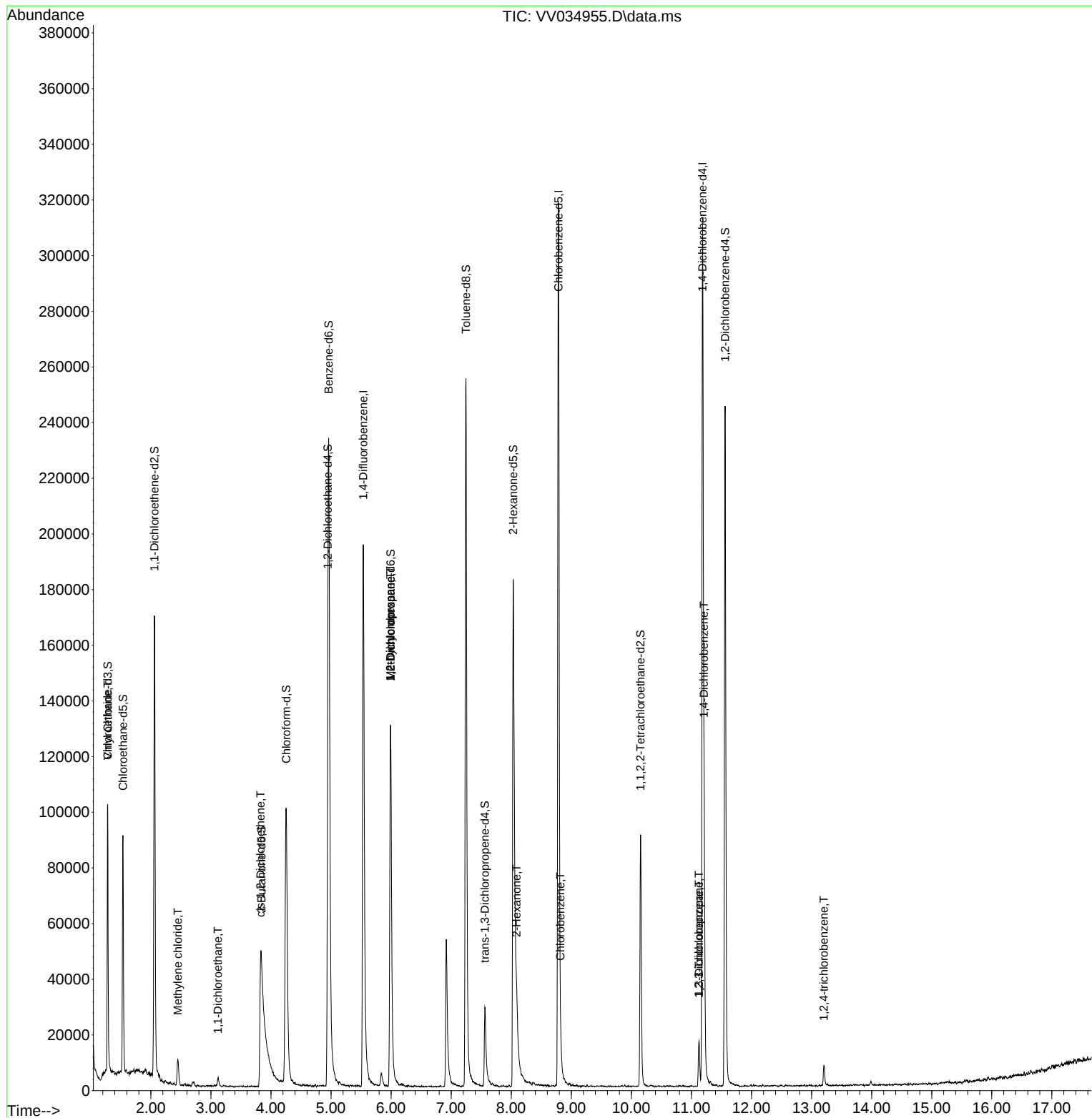
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	177005	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	179822	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	80248	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	63033	4.321	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.535	69	54052	4.494	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.060	65	29222	4.411	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	3.841	46	106728	46.760	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.520%
24) Chloroform-d	4.252	84	108970	4.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	4.947	65	54232	5.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	4.960	84	219564	4.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
36) 1,2-Dichloropropane-d6	5.992	67	69737	5.051	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.246	98	182383	4.268	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	7.561	79	20952	4.272	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.034	63	69568	41.330	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.660%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	45251	4.698	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	63925	5.057	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						Qvalue
8) Chloroethane	1.281	64	1097	0.097	ug/L #	1
16) Methylene chloride	2.449	84	4011	0.272	ug/L	93
19) 1,1-Dichloroethane	3.117	63	3225	0.123	ug/L	96
22) cis-1,2-Dichloroethene	3.825	96	12433	0.891	ug/L	99
35) Methylcyclohexane	5.989	83	16198	0.741	ug/L #	19
37) 1,2-Dichloropropane	5.989	63	7839	0.549	ug/L #	88
48) 2-Hexanone	8.088	43	19851	4.083	ug/L #	81
51) Chlorobenzene	8.818	112	6258	0.167	ug/L	93
61) 1,2,3-Trichloropropane	11.124	75	2238	0.299	ug/L #	46
64) 1,3-Dichlorobenzene	11.127	146	7414	0.290	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	38560	1.504	ug/L	96
70) 1,2,4-trichlorobenzene	13.204	180	2822	0.189	ug/L	100

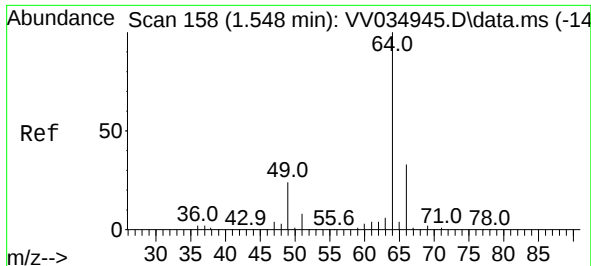
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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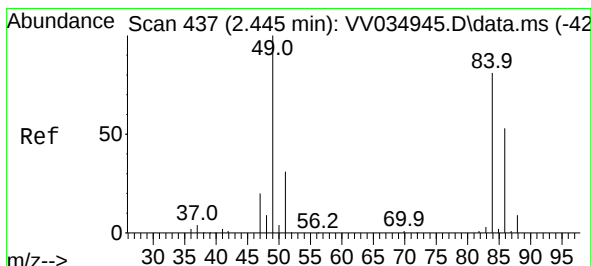
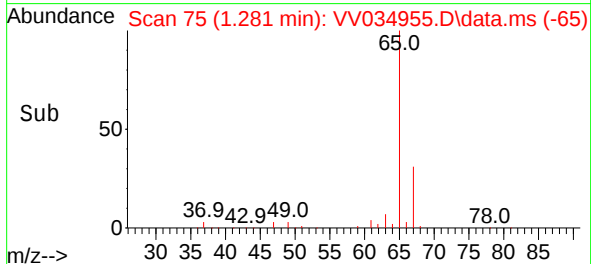
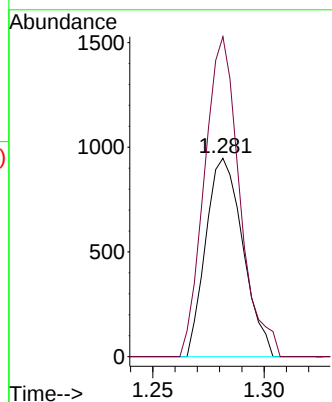
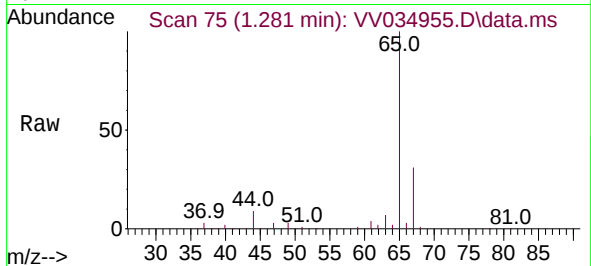




#8
Chloroethane
Concen: 0.097 ug/L
RT: 1.281 min Scan# 71
Delta R.T. -0.267 min
Lab File: VV034955.D
Acq: 03 Apr 2024 14:42

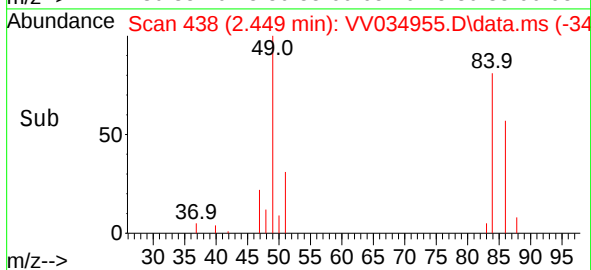
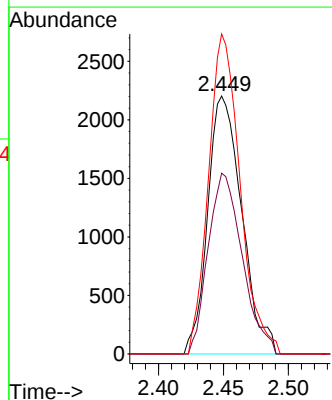
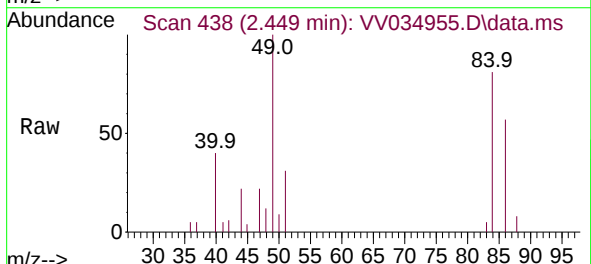
Instrument :
MSVOA_V
ClientSampleId :

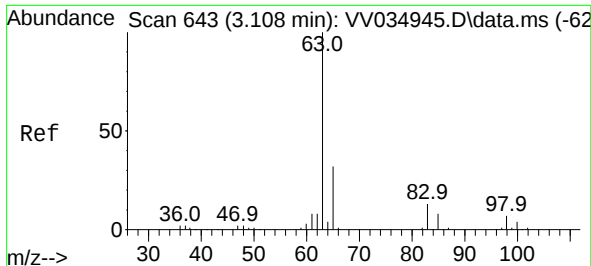
Tgt Ion: 64 Resp: 1097
Ion Ratio Lower Upper
64 100
66 161.4 22.6 42.0#



#16
Methylene chloride
Concen: 0.272 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV034955.D
Acq: 03 Apr 2024 14:42

Tgt Ion: 84 Resp: 4011
Ion Ratio Lower Upper
84 100
86 70.1 43.5 80.9
49 124.1 82.5 153.3





#19

1,1-Dichloroethane

Concen: 0.123 ug/L

RT: 3.117 min Scan# 64

Delta R.T. 0.010 min

Lab File: VV034955.D

Acq: 03 Apr 2024 14:42

Instrument :

MSVOA_V

ClientSampleId :

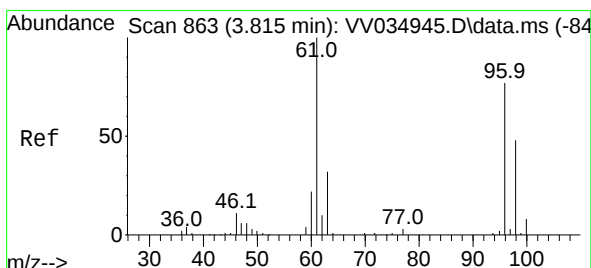
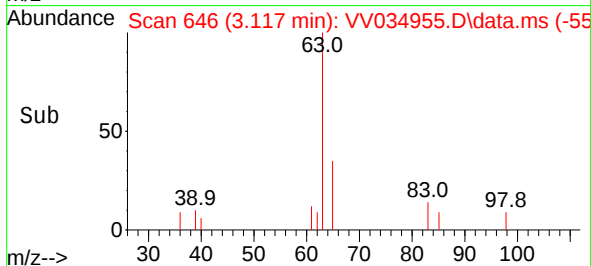
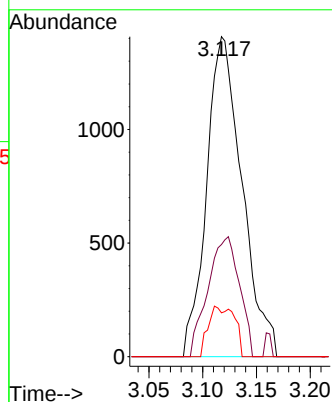
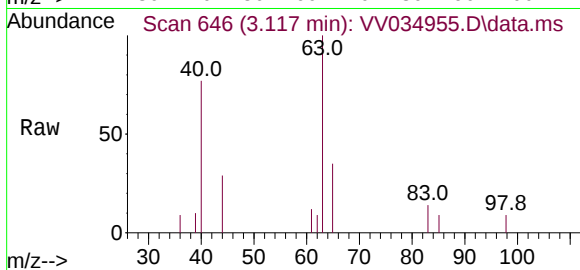
Tgt Ion: 63 Resp: 3225

Ion Ratio Lower Upper

63 100

65 35.1 22.5 41.9

83 13.7 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 0.891 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.010 min

Lab File: VV034955.D

Acq: 03 Apr 2024 14:42

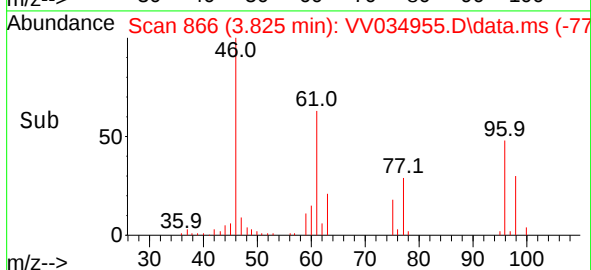
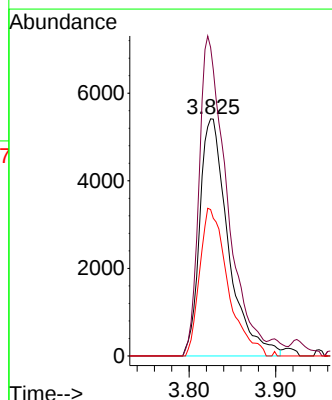
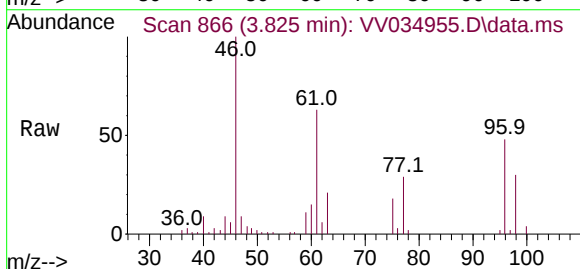
Tgt Ion: 96 Resp: 12433

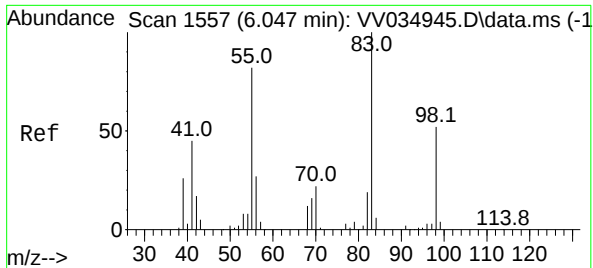
Ion Ratio Lower Upper

96 100

61 130.1 90.3 167.7

98 61.7 42.7 79.3





#35

Methylcyclohexane

Concen: 0.741 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.058 min

Lab File: VV034955.D

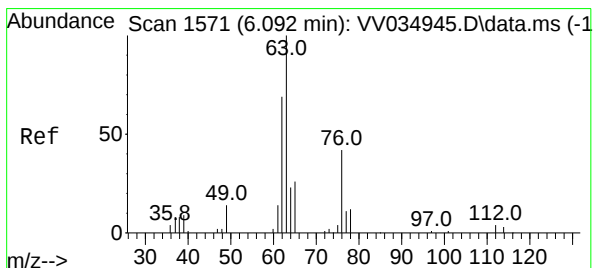
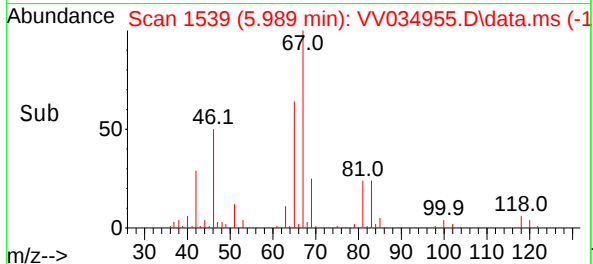
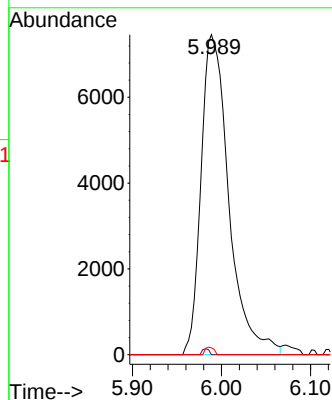
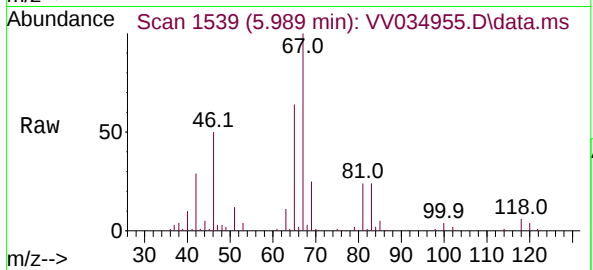
Acq: 03 Apr 2024 14:42

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	16198
Ion Ratio	Lower	Upper	
83	100		
55	0.4	60.6	91.0#
98	0.7	37.8	56.6#



#37

1,2-Dichloropropane

Concen: 0.549 ug/L

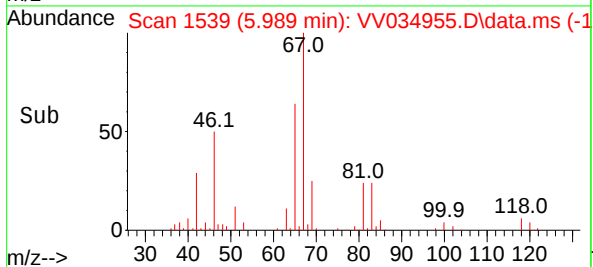
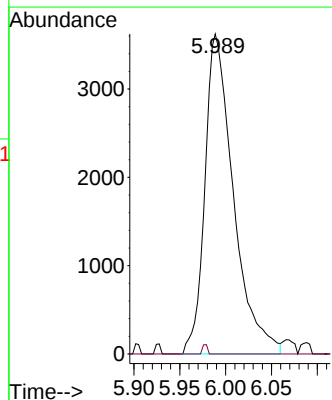
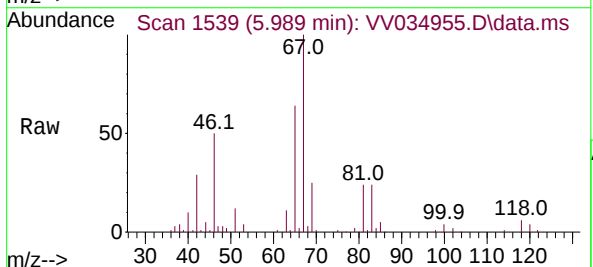
RT: 5.989 min Scan# 1539

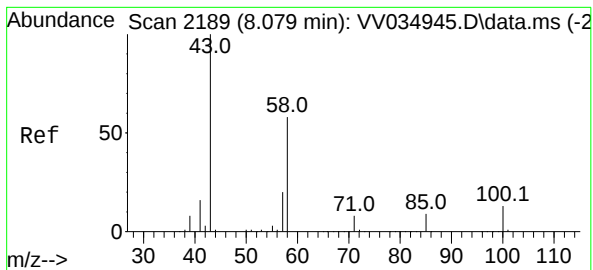
Delta R.T. -0.103 min

Lab File: VV034955.D

Acq: 03 Apr 2024 14:42

Tgt Ion:	63	Resp:	7839
Ion Ratio	Lower	Upper	
63	100		
112	0.5	3.5	5.3#





#48

2-Hexanone

Concen: 4.083 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. 0.010 min

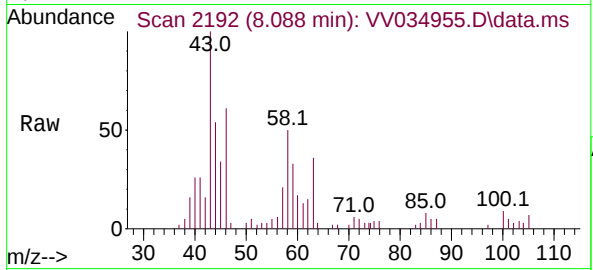
Lab File: VV034955.D

Acq: 03 Apr 2024 14:42

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 19851

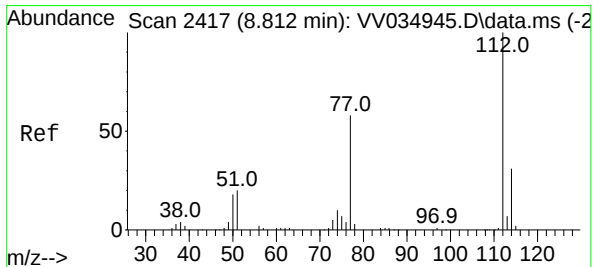
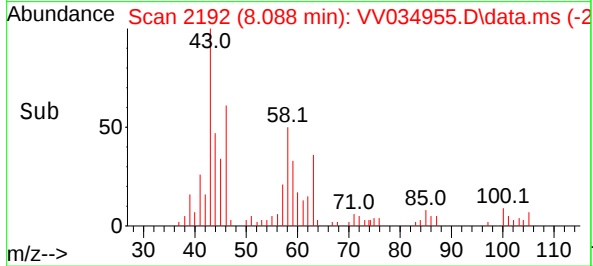
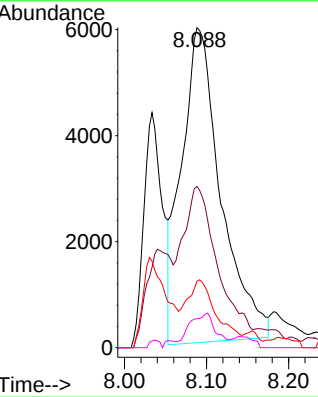
Ion Ratio Lower Upper

43 100

58 41.2 48.2 72.4#

57 17.1 15.6 23.4

100 7.4 10.1 15.1#



#51

Chlorobenzene

Concen: 0.167 ug/L

RT: 8.818 min Scan# 2419

Delta R.T. 0.006 min

Lab File: VV034955.D

Acq: 03 Apr 2024 14:42

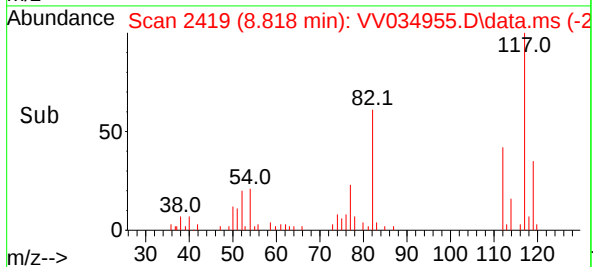
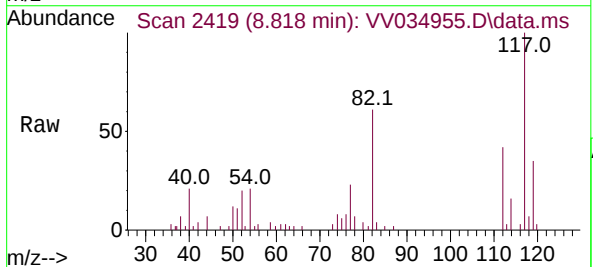
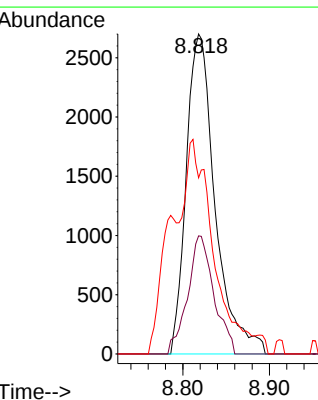
Tgt Ion: 112 Resp: 6258

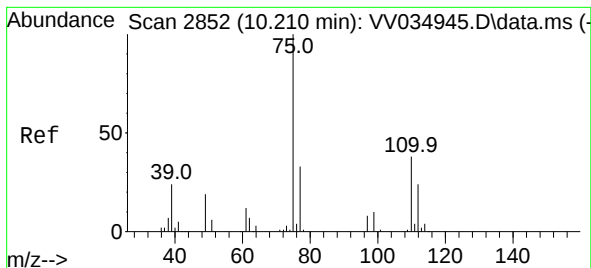
Ion Ratio Lower Upper

112 100

114 36.9 21.9 40.7

77 55.1 47.4 71.2





#61

1,2,3-Trichloropropane

Concen: 0.299 ug/L

RT: 11.124 min Scan# 3136

Delta R.T. 0.913 min

Lab File: VV034955.D

Acq: 03 Apr 2024 14:42

Instrument :

MSVOA_V

ClientSampleId :

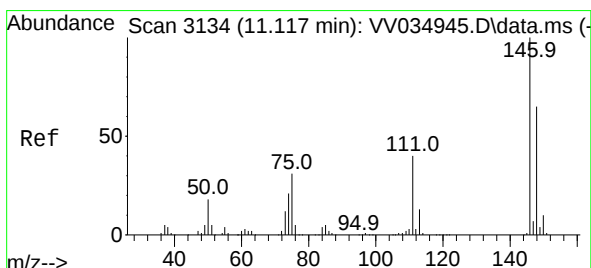
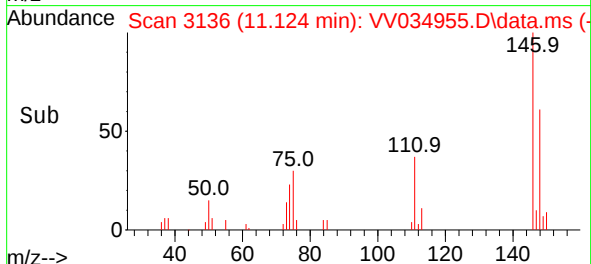
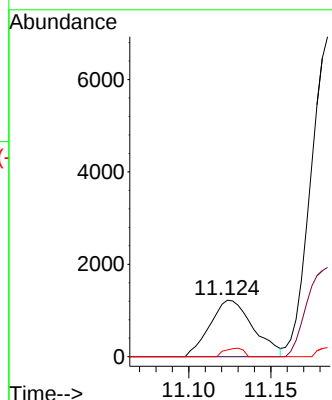
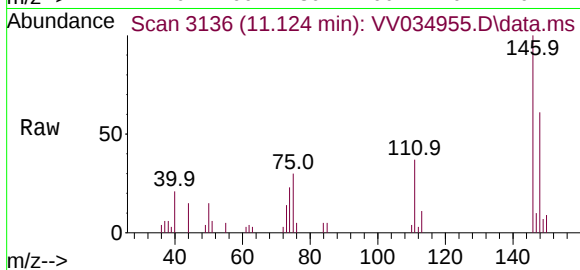
Tgt Ion: 75 Resp: 2238

Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#

110 6.6 31.0 46.6#



#64

1,3-Dichlorobenzene

Concen: 0.290 ug/L

RT: 11.127 min Scan# 3137

Delta R.T. 0.010 min

Lab File: VV034955.D

Acq: 03 Apr 2024 14:42

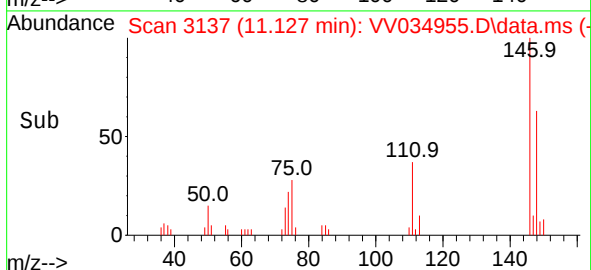
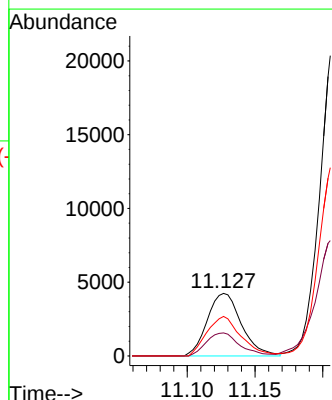
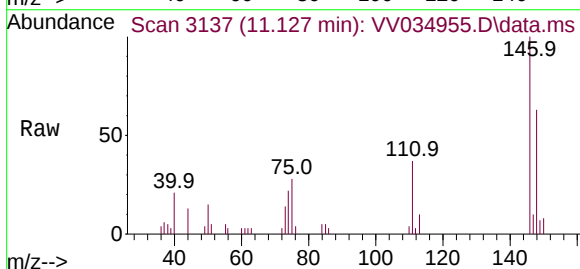
Tgt Ion:146 Resp: 7414

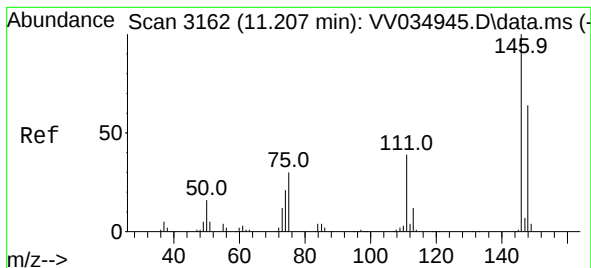
Ion Ratio Lower Upper

146 100

111 36.7 27.7 51.5

148 63.0 44.0 81.8





#65

1,4-Dichlorobenzene

Concen: 1.504 ug/L

RT: 11.210 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV034955.D

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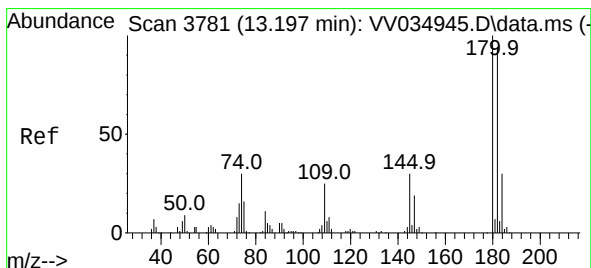
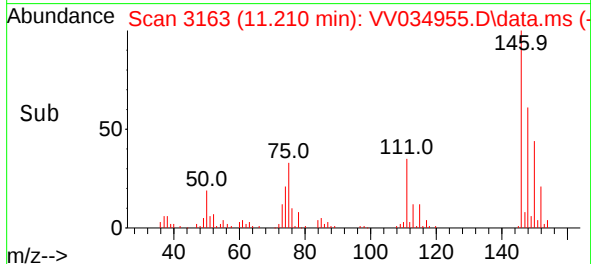
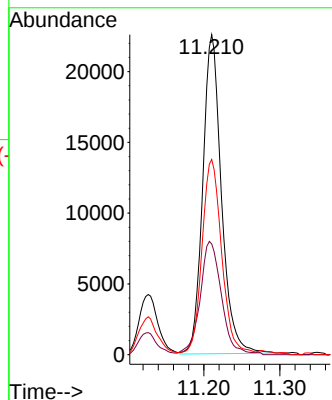
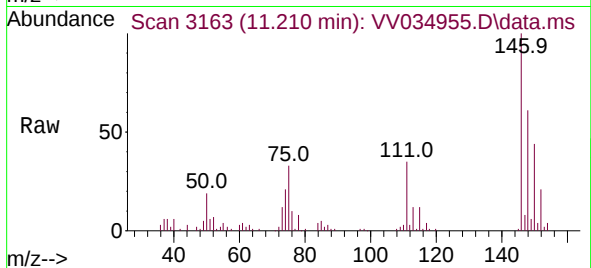
Tgt Ion:146 Resp: 38560

Ion Ratio Lower Upper

146 100

111 34.6 27.3 50.7

148 61.0 43.5 80.7



#70

1,2,4-trichlorobenzene

Concen: 0.189 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.006 min

Lab File: VV034955.D

Acq: 03 Apr 2024 14:42

Tgt Ion:180 Resp: 2822

Ion Ratio Lower Upper

180 100

182 93.7 75.3 112.9

145 29.6 23.4 35.0

