

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040324\
 Data File : VV034953.D
 Acq On : 03 Apr 2024 13:54
 Operator : SY/MD
 Sample : P1925-12DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 04 02:53:04 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)

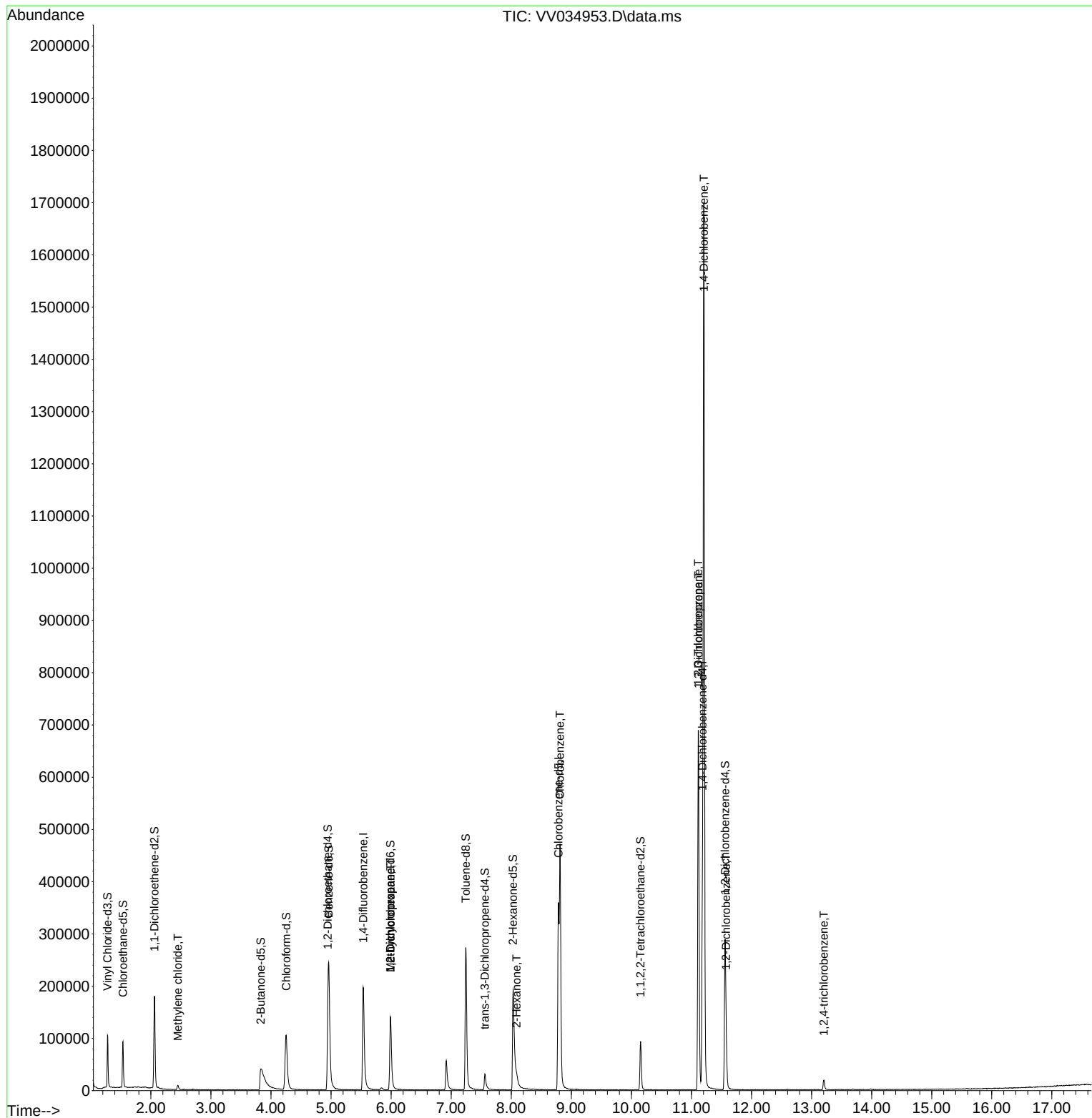
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	176669	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	177683	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	89848	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	64401	4.423	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.535	69	57211	4.766	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.060	65	31423	4.752	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	3.831	46	102947	45.190	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.380%
24) Chloroform-d	4.252	84	113799	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	4.947	65	55856	5.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	4.960	84	230602	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	5.989	67	71417	5.235	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.243	98	190892	4.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	7.561	79	21224	4.380	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.030	63	73868	44.413	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.820%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	48499	5.095	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	70722	4.997	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						Qvalue
16) Methylene chloride	2.449	84	3338	0.227	ug/L	93
35) Methylcyclohexane	5.989	83	17114	0.793	ug/L #	19
37) 1,2-Dichloropropane	5.989	63	7738	0.549	ug/L #	87
48) 2-Hexanone	8.088	43	17436	3.629	ug/L #	83
51) Chlorobenzene	8.812	112	248456	6.726	ug/L	99
61) 1,2,3-Trichloropropane	11.114	75	84656	10.093	ug/L #	49
64) 1,3-Dichlorobenzene	11.117	146	273247	9.534	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	636190	22.164	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	27710	1.047	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	6297	0.377	ug/L	99

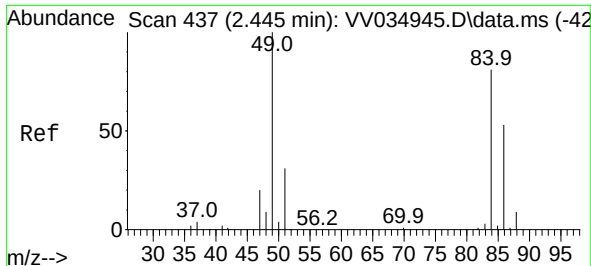
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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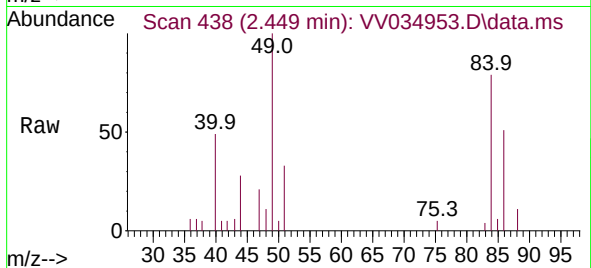
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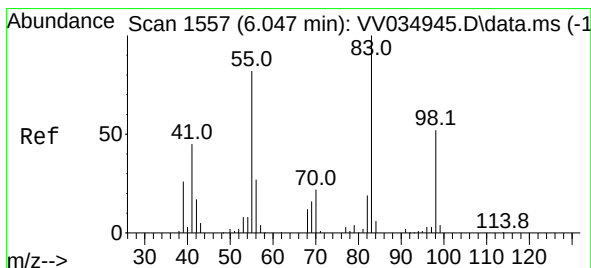
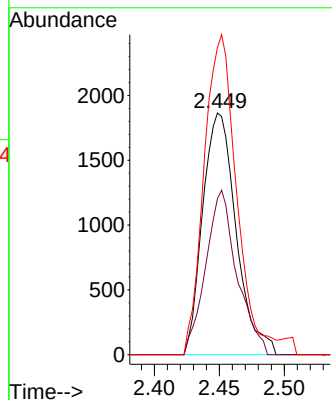
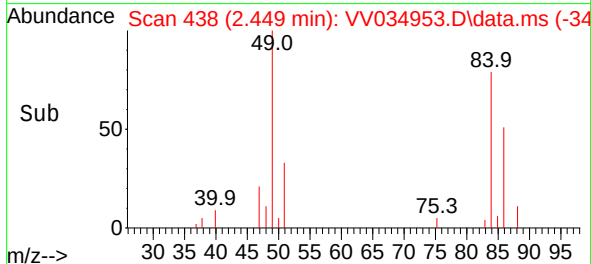


#16
Methylene chloride
Concen: 0.227 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV034953.D
Acq: 03 Apr 2024 13:54

Instrument :
MSVOA_V
ClientSampleId :

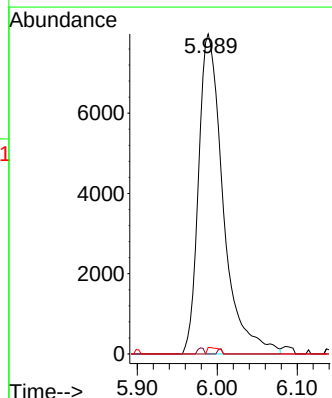
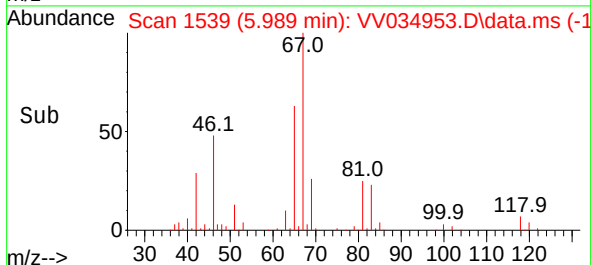
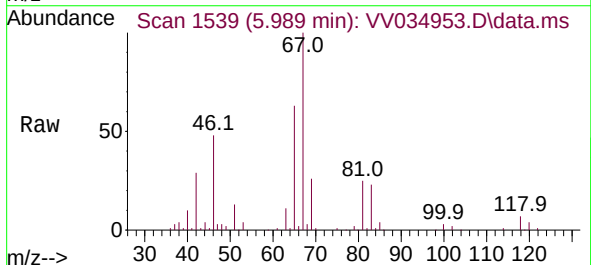


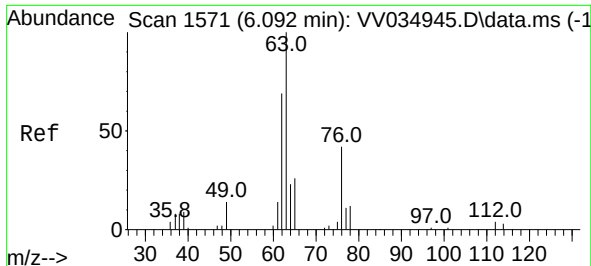
Tgt Ion: 84 Resp: 3338
Ion Ratio Lower Upper
84 100
86 64.6 43.5 80.9
49 127.1 82.5 153.3



#35
Methylcyclohexane
Concen: 0.793 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV034953.D
Acq: 03 Apr 2024 13:54

Tgt Ion: 83 Resp: 17114
Ion Ratio Lower Upper
83 100
55 0.5 60.6 91.0#
98 1.0 37.8 56.6#





#37

1,2-Dichloropropane

Concen: 0.549 ug/L

RT: 5.989 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV034953.D

Acq: 03 Apr 2024 13:54

Instrument :

MSVOA_V

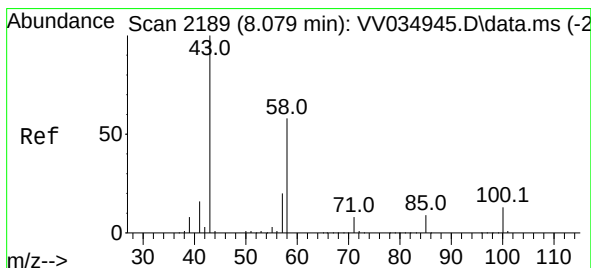
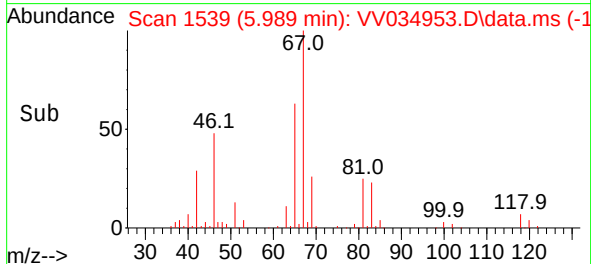
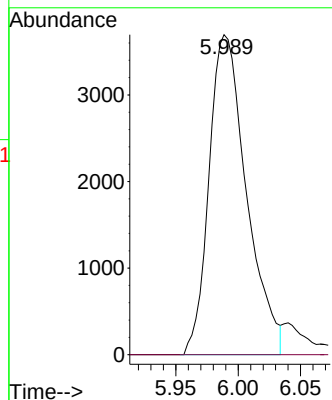
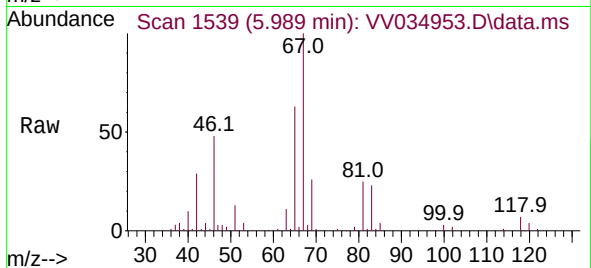
ClientSampleId :

Tgt Ion: 63 Resp: 7738

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#48

2-Hexanone

Concen: 3.629 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. 0.010 min

Lab File: VV034953.D

Acq: 03 Apr 2024 13:54

Tgt Ion: 43 Resp: 17436

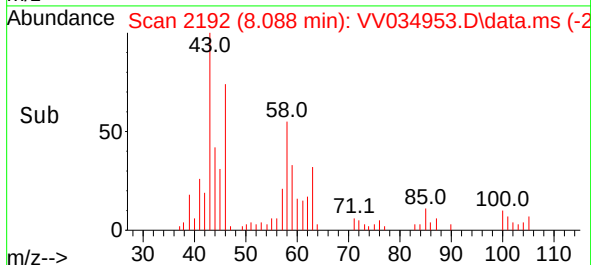
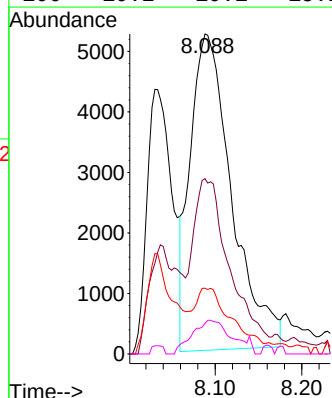
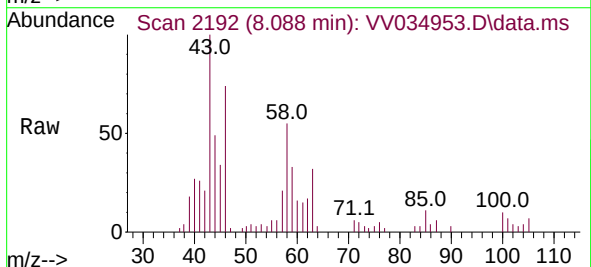
Ion Ratio Lower Upper

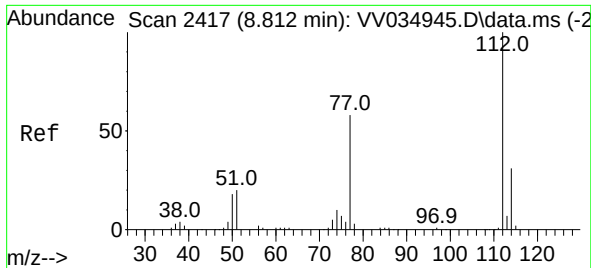
43 100

58 43.6 48.2 72.4#

57 15.4 15.6 23.4#

100 10.2 10.1 15.1

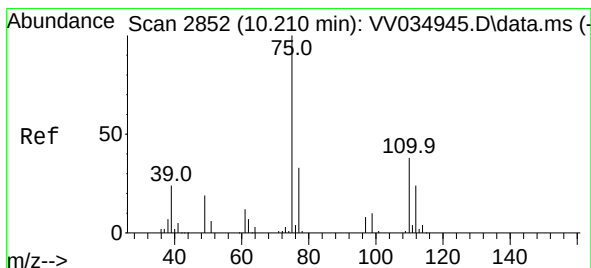
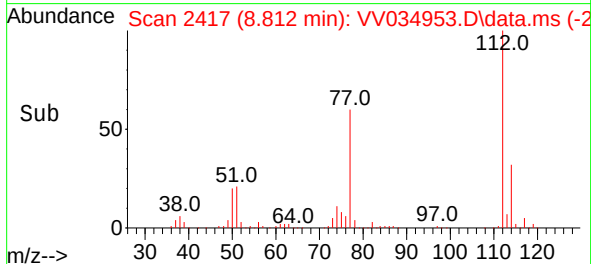
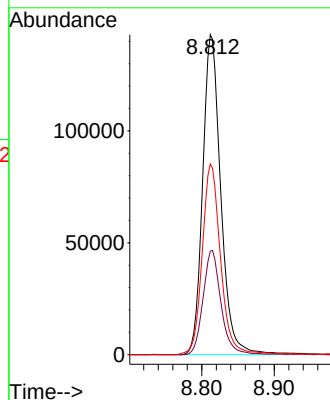
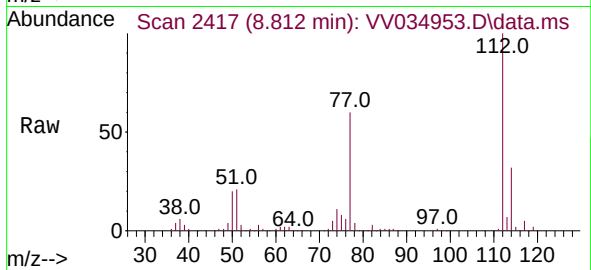




#51
Chlorobenzene
Concen: 6.726 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV034953.D
Acq: 03 Apr 2024 13:54

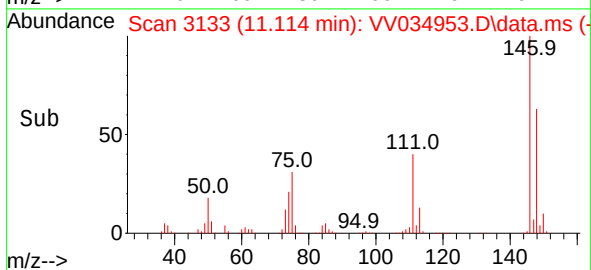
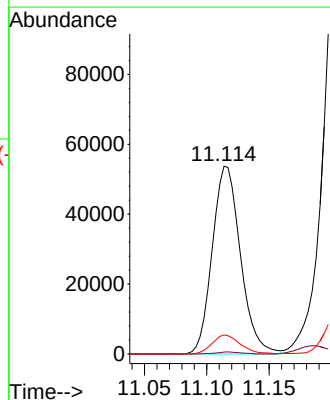
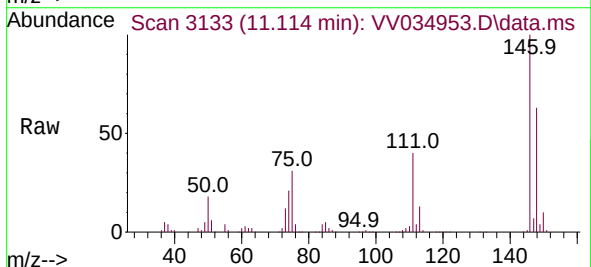
Instrument :
MSVOA_V
ClientSampleId :

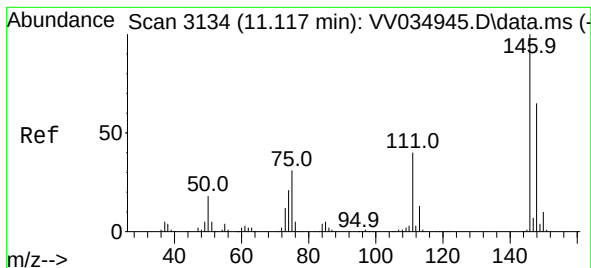
Tgt Ion:112 Resp: 248456
Ion Ratio Lower Upper
112 100
114 32.3 21.9 40.7
77 59.6 47.4 71.2



#61
1,2,3-Trichloropropane
Concen: 10.093 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.903 min
Lab File: VV034953.D
Acq: 03 Apr 2024 13:54

Tgt Ion: 75 Resp: 84656
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
110 10.1 31.0 46.6#





#64

1,3-Dichlorobenzene

Concen: 9.534 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. -0.000 min

Lab File: VV034953.D

Acq: 03 Apr 2024 13:54

Instrument :

MSVOA_V

ClientSampleId :

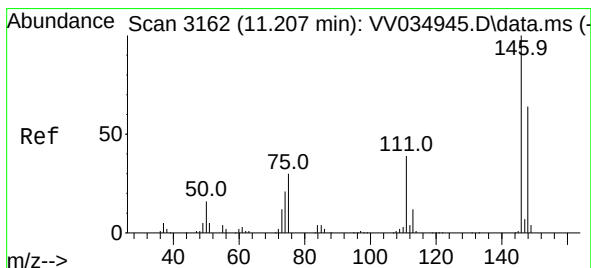
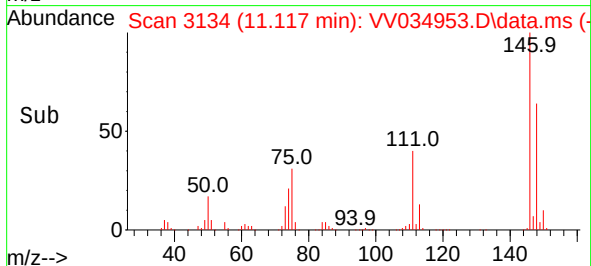
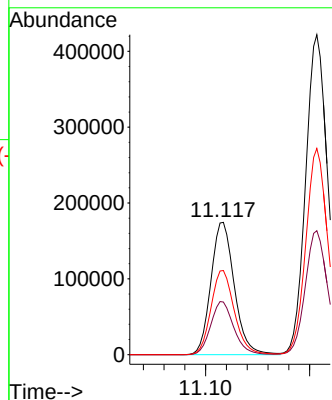
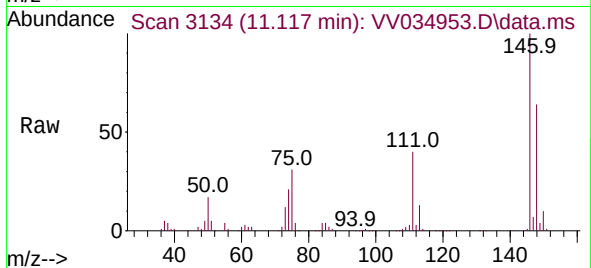
Tgt Ion:146 Resp: 273247

Ion Ratio Lower Upper

146 100

111 39.8 27.7 51.5

148 63.6 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 22.164 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV034953.D

Acq: 03 Apr 2024 13:54

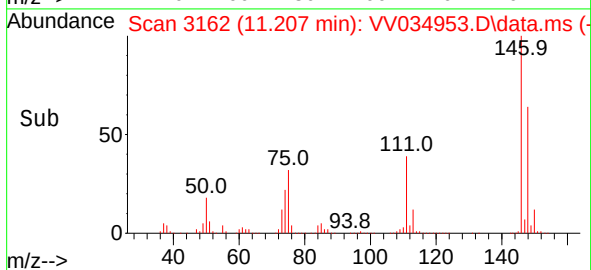
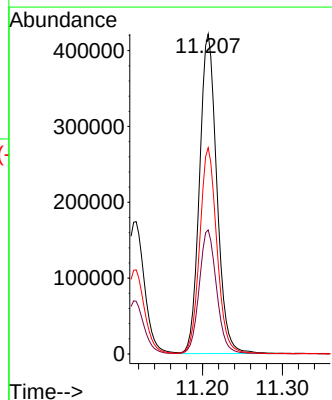
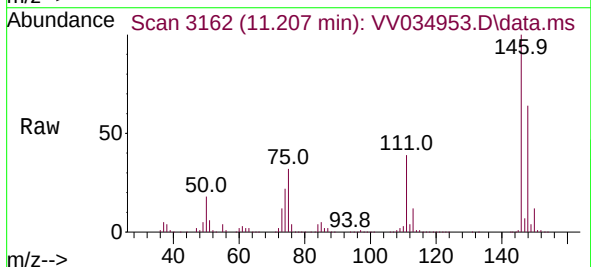
Tgt Ion:146 Resp: 636190

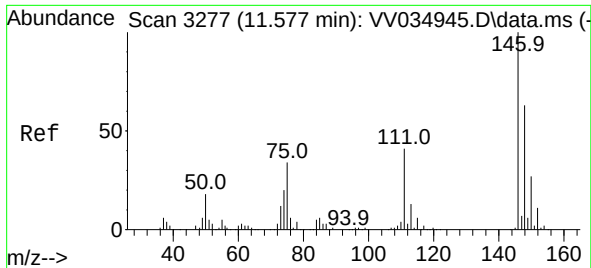
Ion Ratio Lower Upper

146 100

111 38.7 27.3 50.7

148 64.4 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 1.047 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034953.D

Acq: 03 Apr 2024 13:54

Instrument :

MSVOA_V

ClientSampleId :

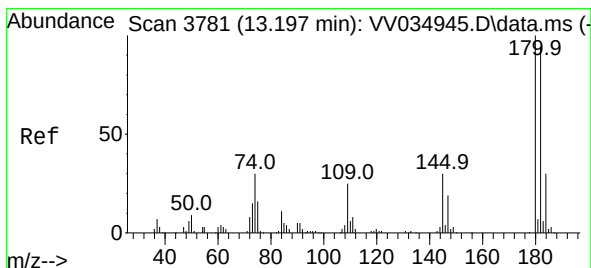
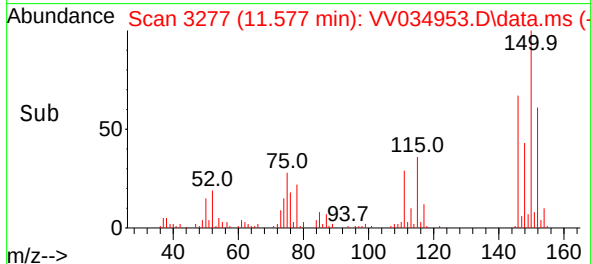
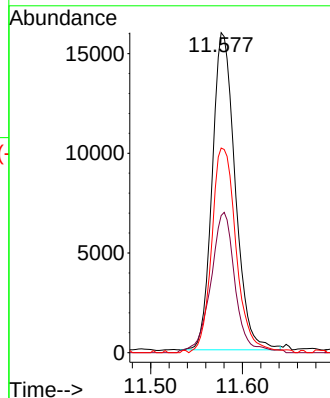
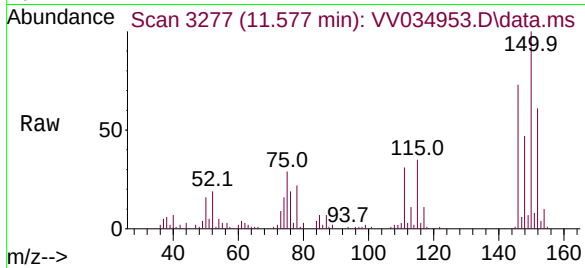
Tgt Ion:146 Resp: 27710

Ion Ratio Lower Upper

146 100

111 42.8 33.9 50.9

148 64.0 49.3 73.9



#70

1,2,4-trichlorobenzene

Concen: 0.377 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.006 min

Lab File: VV034953.D

Acq: 03 Apr 2024 13:54

Tgt Ion:180 Resp: 6297

Ion Ratio Lower Upper

180 100

182 95.0 75.3 112.9

145 28.2 23.4 35.0

