

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040324\
 Data File : VV034949.D
 Acq On : 03 Apr 2024 11:55
 Operator : SY/MD
 Sample : P1925-02DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 04 02:51:57 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)

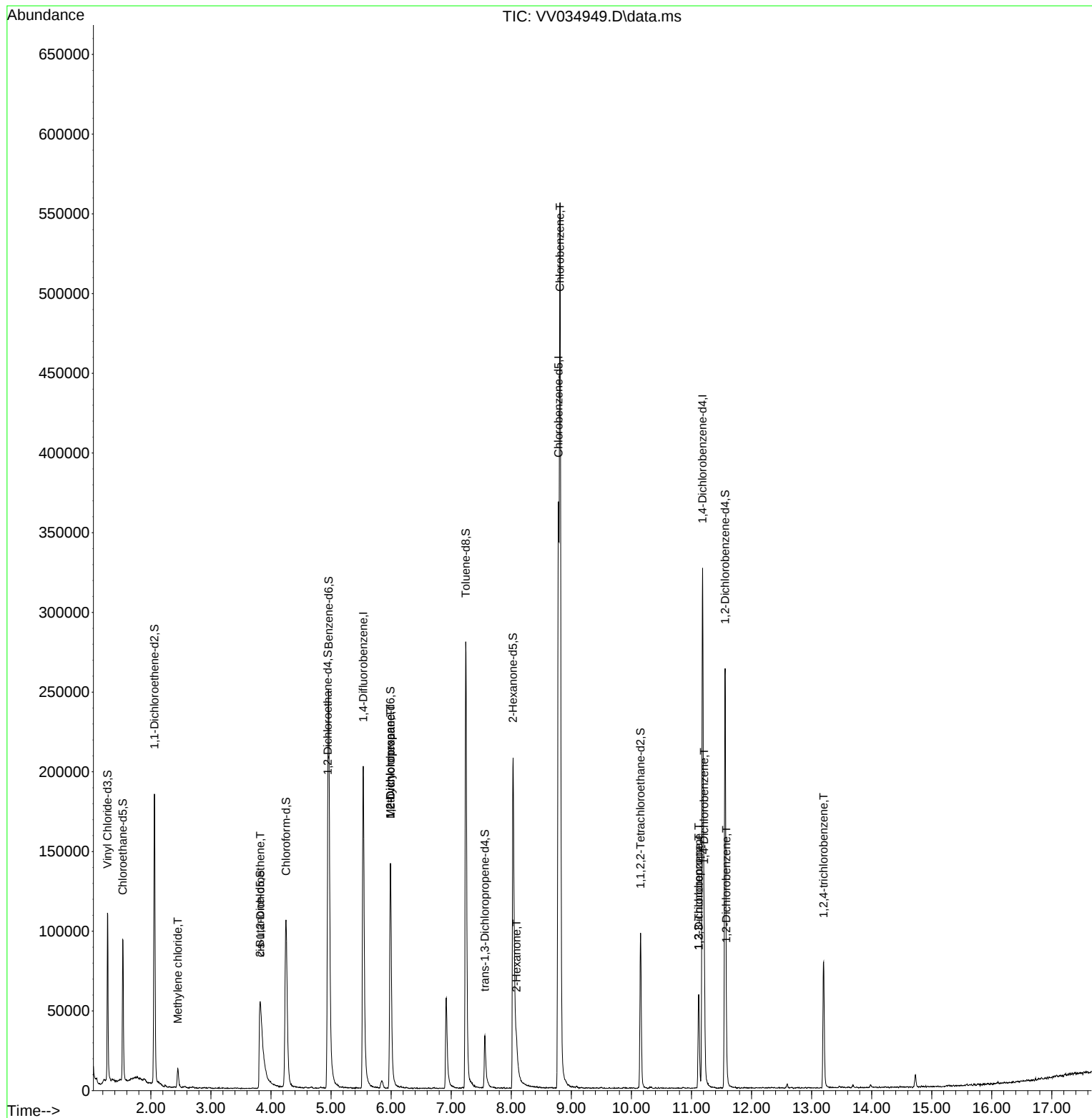
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	180429	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	182335	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	82896	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	67979	4.572	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.532	69	58111	4.740	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.060	65	31258	4.628	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.600%
20) 2-Butanone-d5	3.818	46	115172	49.502	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.000%
24) Chloroform-d	4.249	84	116478	4.841	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	4.944	65	54724	5.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	4.960	84	238083	4.992	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	5.989	67	74095	5.293	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.800%
41) Toluene-d8	7.243	98	195452	4.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	7.561	79	22112	4.446	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.027	63	75532	44.254	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.500%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	48432	4.958	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	69557	5.327	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						Qvalue
16) Methylene chloride	2.449	84	4614	0.307	ug/L	87
22) cis-1,2-Dichloroethene	3.822	96	2823	0.199	ug/L	95
35) Methylcyclohexane	5.989	83	16914	0.764	ug/L #	19
37) 1,2-Dichloropropane	5.989	63	7766	0.537	ug/L #	87
48) 2-Hexanone	8.088	43	15308	3.105	ug/L #	81
51) Chlorobenzene	8.812	112	295182	7.786	ug/L	99
61) 1,2,3-Trichloropropane	11.120	75	7573	0.979	ug/L #	49
64) 1,3-Dichlorobenzene	11.120	146	24878	0.941	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	37216	1.405	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	4021	0.165	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	25458	1.651	ug/L	99

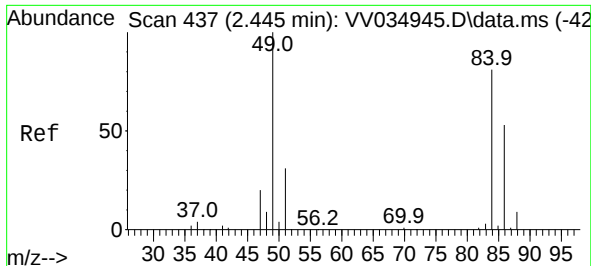
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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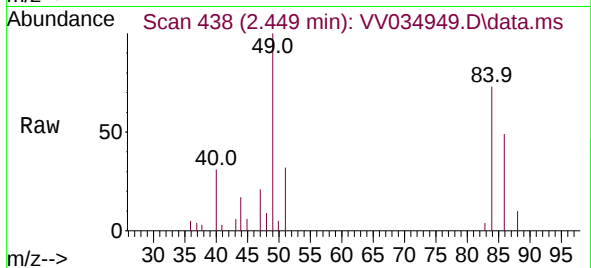
Quant Time: Apr 04 02:51:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
Quant Title : TRACE VOA SFAM1.0
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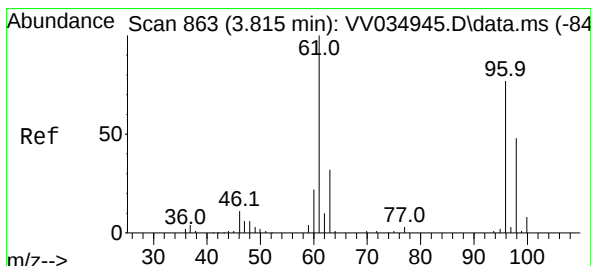
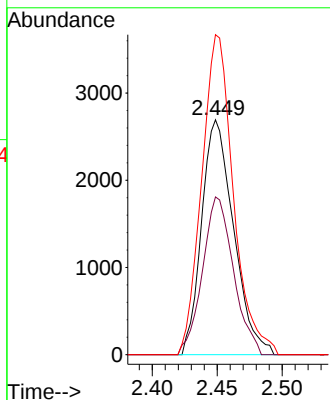
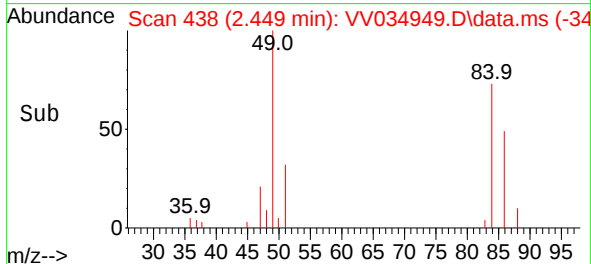


#16
Methylene chloride
Concen: 0.307 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV034949.D
Acq: 03 Apr 2024 11:55

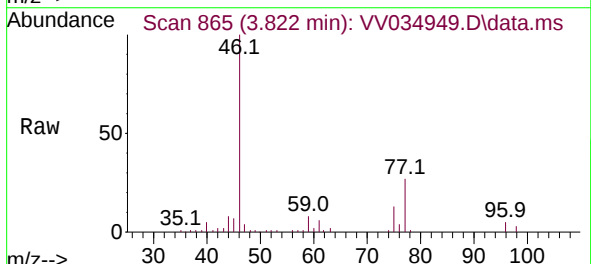
Instrument :
MSVOA_V
ClientSampleId :



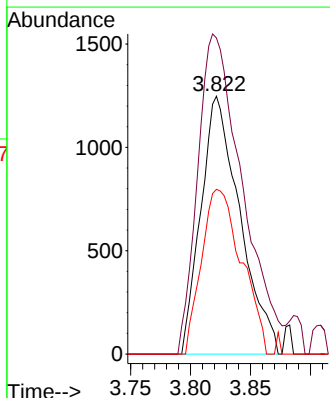
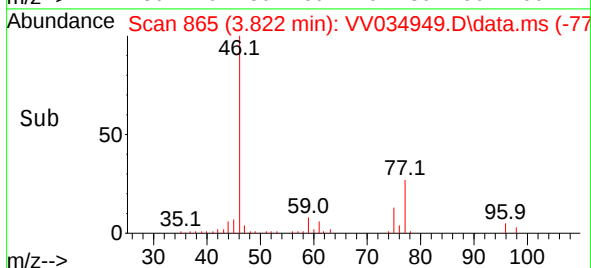
Tgt Ion: 84 Resp: 4614
Ion Ratio Lower Upper
84 100
86 67.2 43.5 80.9
49 136.3 82.5 153.3

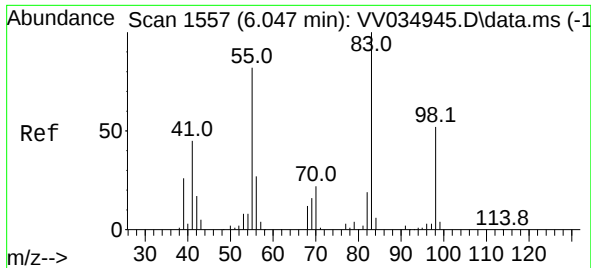


#22
cis-1,2-Dichloroethene
Concen: 0.199 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.006 min
Lab File: VV034949.D
Acq: 03 Apr 2024 11:55



Tgt Ion: 96 Resp: 2823
Ion Ratio Lower Upper
96 100
61 122.6 90.3 167.7
98 63.9 42.7 79.3





#35

Methylcyclohexane

Concen: 0.764 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.058 min

Lab File: VV034949.D

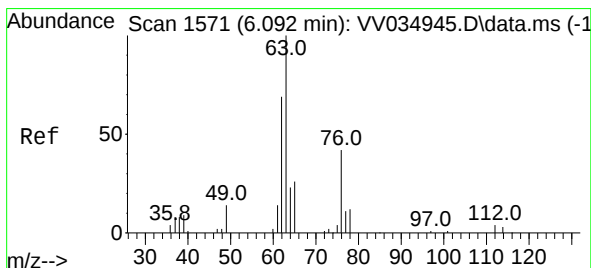
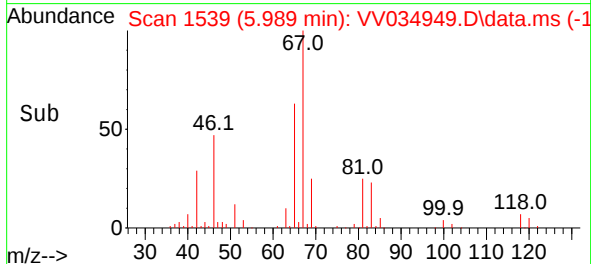
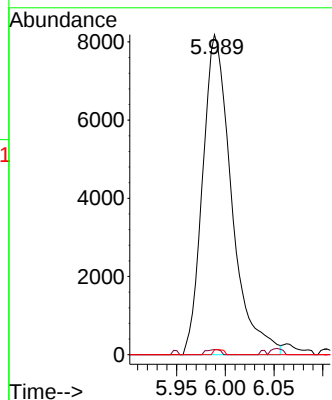
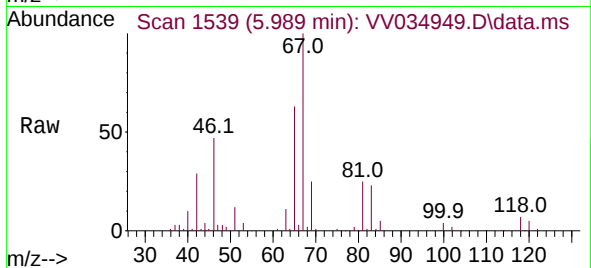
Acq: 03 Apr 2024 11:55

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 16914
Ion Ratio	Lower Upper
83	100
55	0.8 60.6 91.0#
98	0.6 37.8 56.6#



#37

1,2-Dichloropropane

Concen: 0.537 ug/L

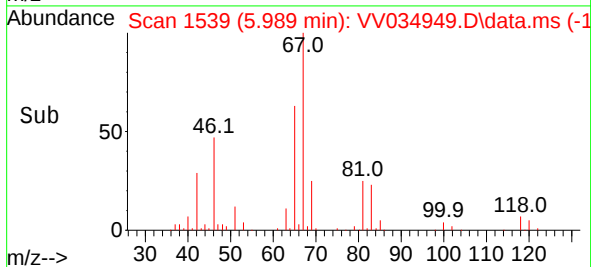
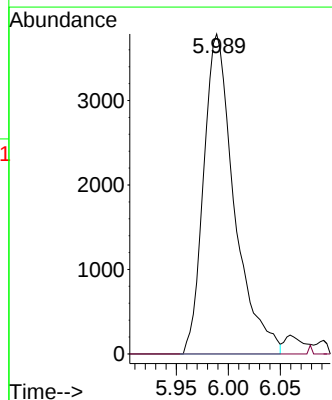
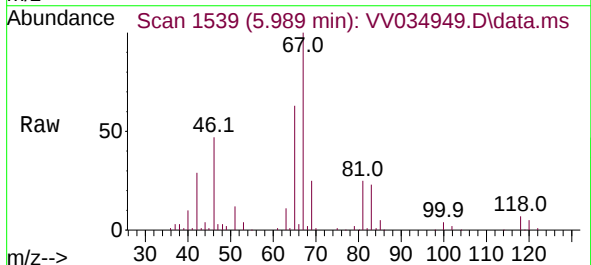
RT: 5.989 min Scan# 1539

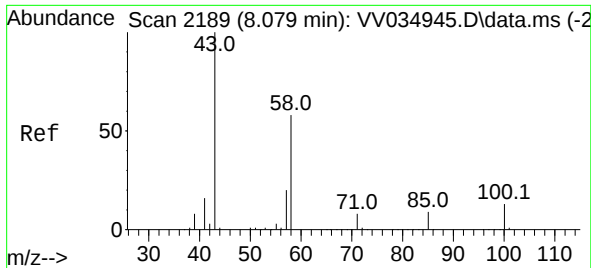
Delta R.T. -0.103 min

Lab File: VV034949.D

Acq: 03 Apr 2024 11:55

Tgt Ion: 63	Resp: 7766
Ion Ratio	Lower Upper
63	100
112	0.3 3.5 5.3#

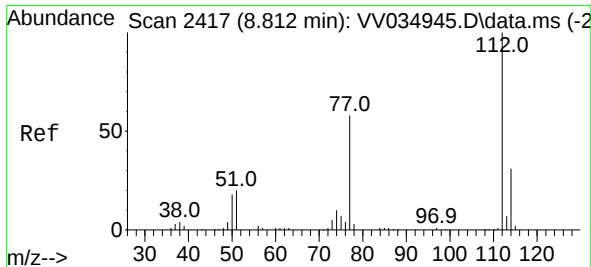
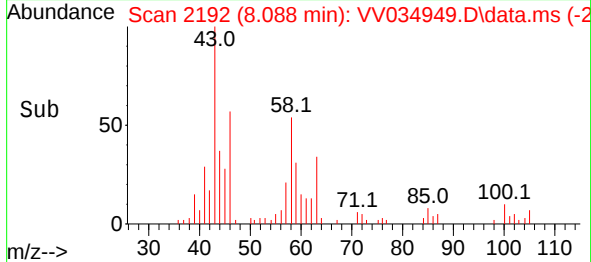
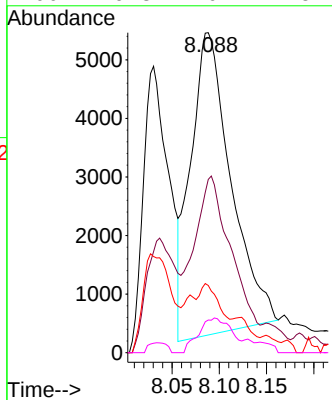
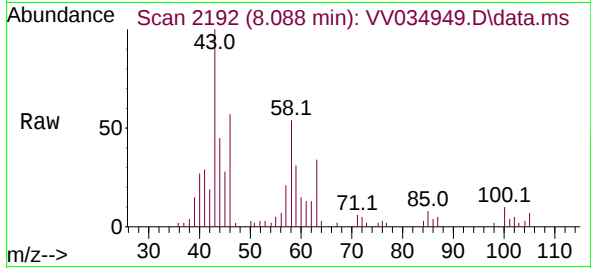




#48
2-Hexanone
Concen: 3.105 ug/L
RT: 8.088 min Scan# 2189
Delta R.T. 0.010 min
Lab File: VV034949.D
Acq: 03 Apr 2024 11:55

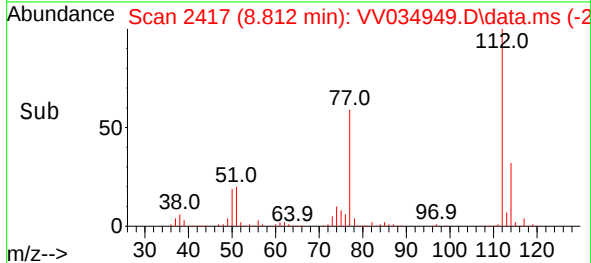
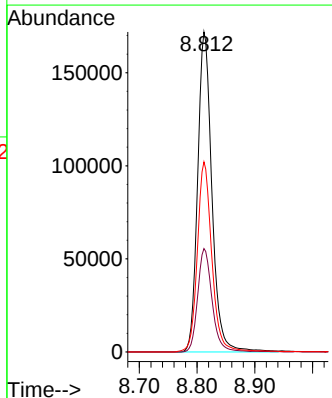
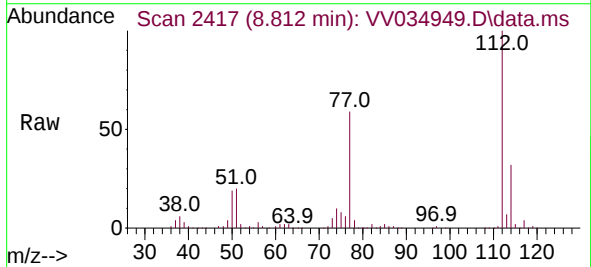
Instrument :
MSVOA_V
ClientSampleId :

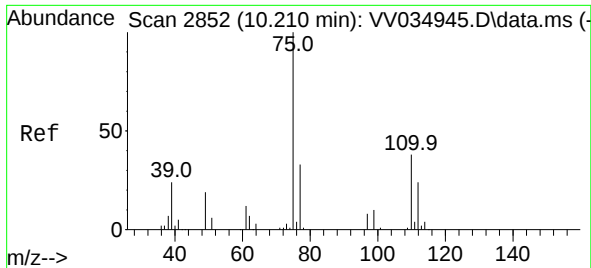
Tgt Ion: 43	Resp: 15308
Ion Ratio	Lower Upper
43 100	
58 46.3	48.2 72.4#
57 6.1	15.6 23.4#
100 9.3	10.1 15.1#



#51
Chlorobenzene
Concen: 7.786 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV034949.D
Acq: 03 Apr 2024 11:55

Tgt	Ion:112	Resp:	295182
Ion	Ratio	Lower	Upper
112	100		
114	32.3	21.9	40.7
77	59.4	47.4	71.2

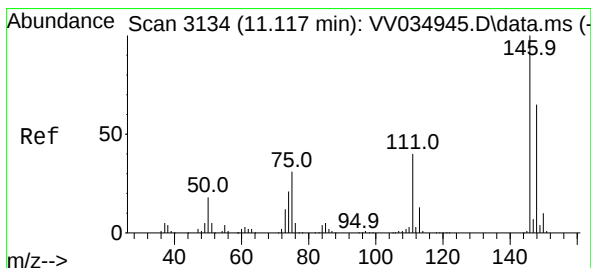
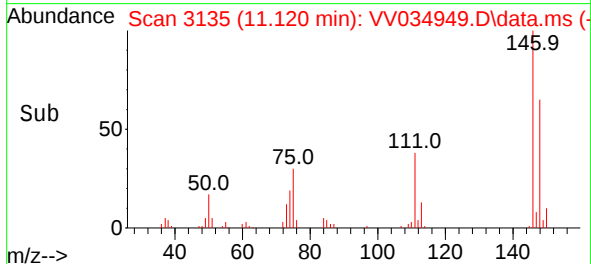
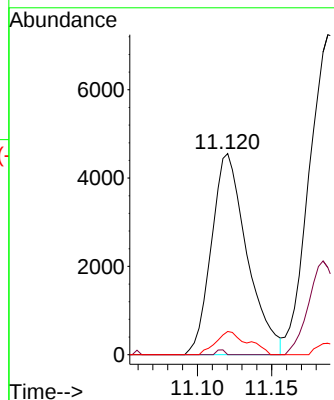
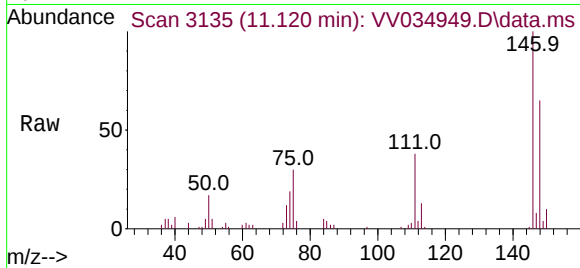




#61
1,2,3-Trichloropropane
Concen: 0.979 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.910 min
Lab File: VV034949.D
Acq: 03 Apr 2024 11:55

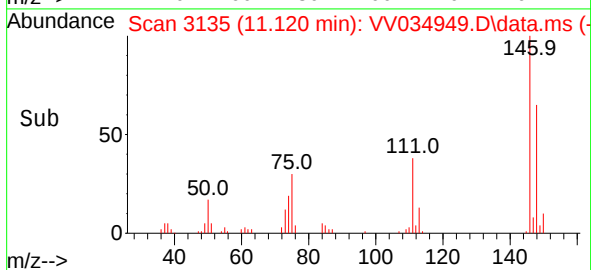
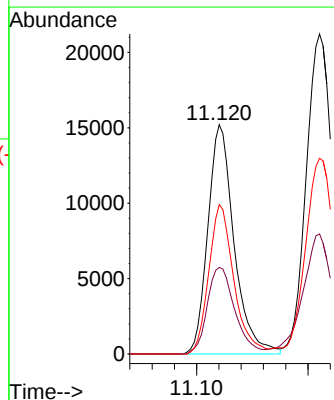
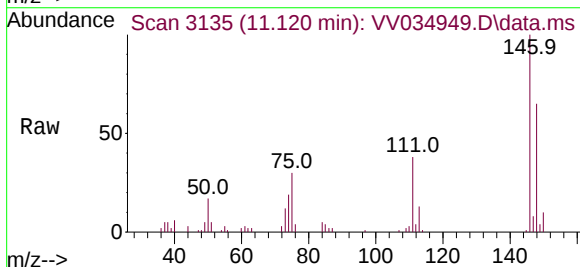
Instrument :
MSVOA_V
ClientSampleId :

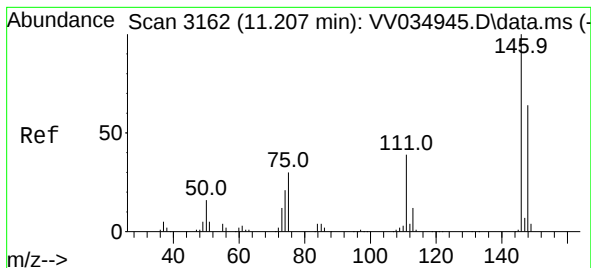
Tgt Ion: 75 Resp: 7573
Ion Ratio Lower Upper
75 100
77 0.0 24.8 37.2#
110 10.4 31.0 46.6#



#64
1,3-Dichlorobenzene
Concen: 0.941 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.003 min
Lab File: VV034949.D
Acq: 03 Apr 2024 11:55

Tgt Ion:146 Resp: 24878
Ion Ratio Lower Upper
146 100
111 37.7 27.7 51.5
148 65.1 44.0 81.8





#65

1,4-Dichlorobenzene

Concen: 1.405 ug/L

RT: 11.210 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV034949.D

Acq: 03 Apr 2024 11:55

Instrument :

MSVOA_V

ClientSampleId :

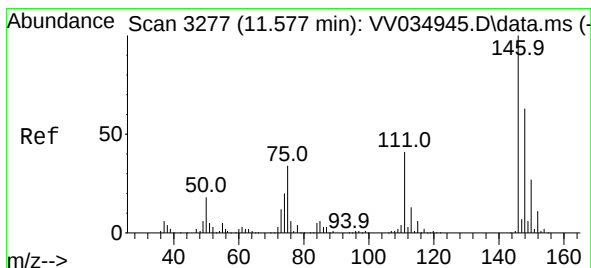
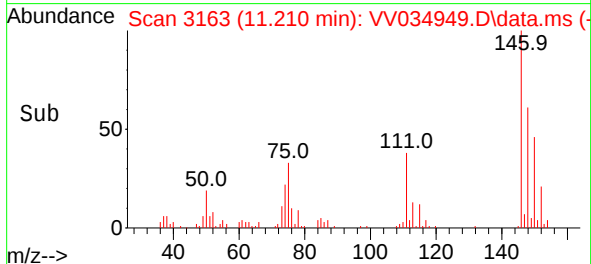
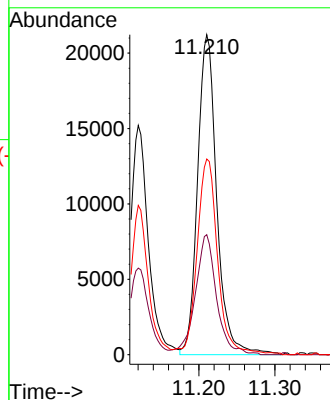
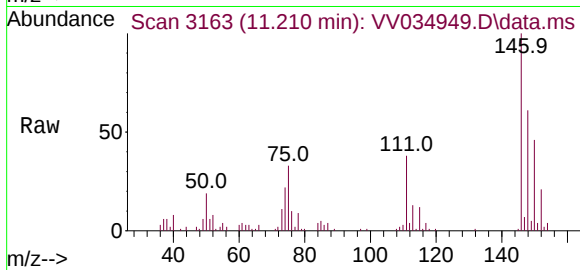
Tgt Ion:146 Resp: 37216

Ion Ratio Lower Upper

146 100

111 37.5 27.3 50.7

148 61.1 43.5 80.7



#67

1,2-Dichlorobenzene

Concen: 0.165 ug/L

RT: 11.580 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VV034949.D

Acq: 03 Apr 2024 11:55

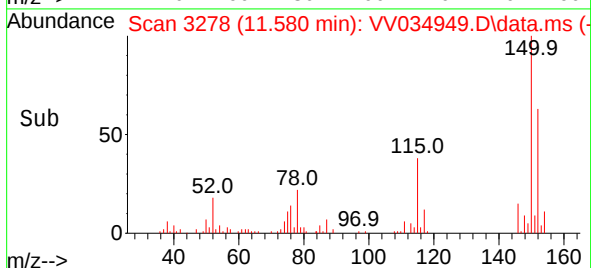
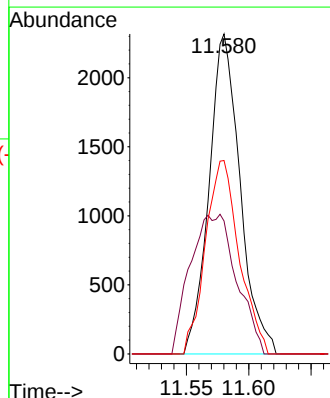
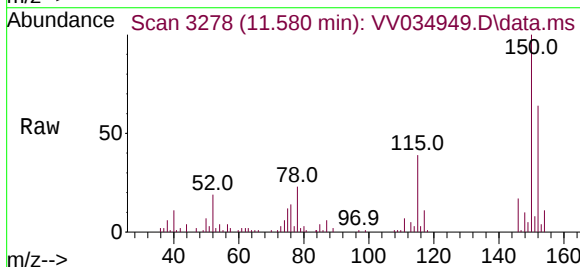
Tgt Ion:146 Resp: 4021

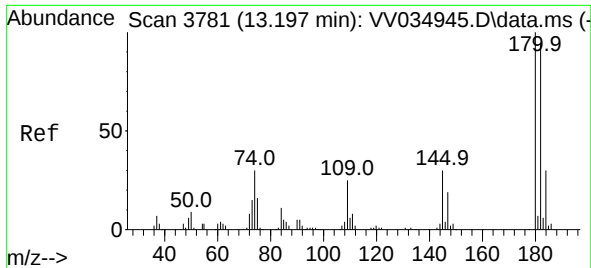
Ion Ratio Lower Upper

146 100

111 41.6 33.9 50.9

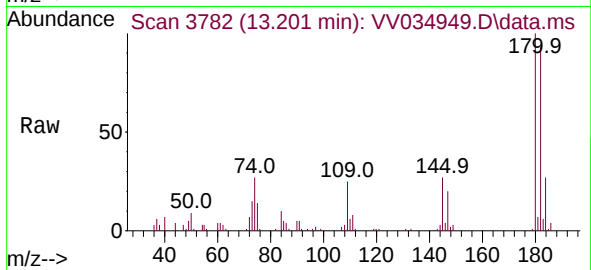
148 60.5 49.3 73.9





#70
1,2,4-trichlorobenzene
Concen: 1.651 ug/L
RT: 13.201 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV034949.D
Acq: 03 Apr 2024 11:55

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:180 Resp: 25458
Ion Ratio Lower Upper
180 100
182 94.4 75.3 112.9
145 28.4 23.4 35.0

