

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121121\
 Data File : VW023930.D
 Acq On : 11 Dec 2021 14:54
 Operator : SY/MD
 Sample : M4984-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 12 00:27:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

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

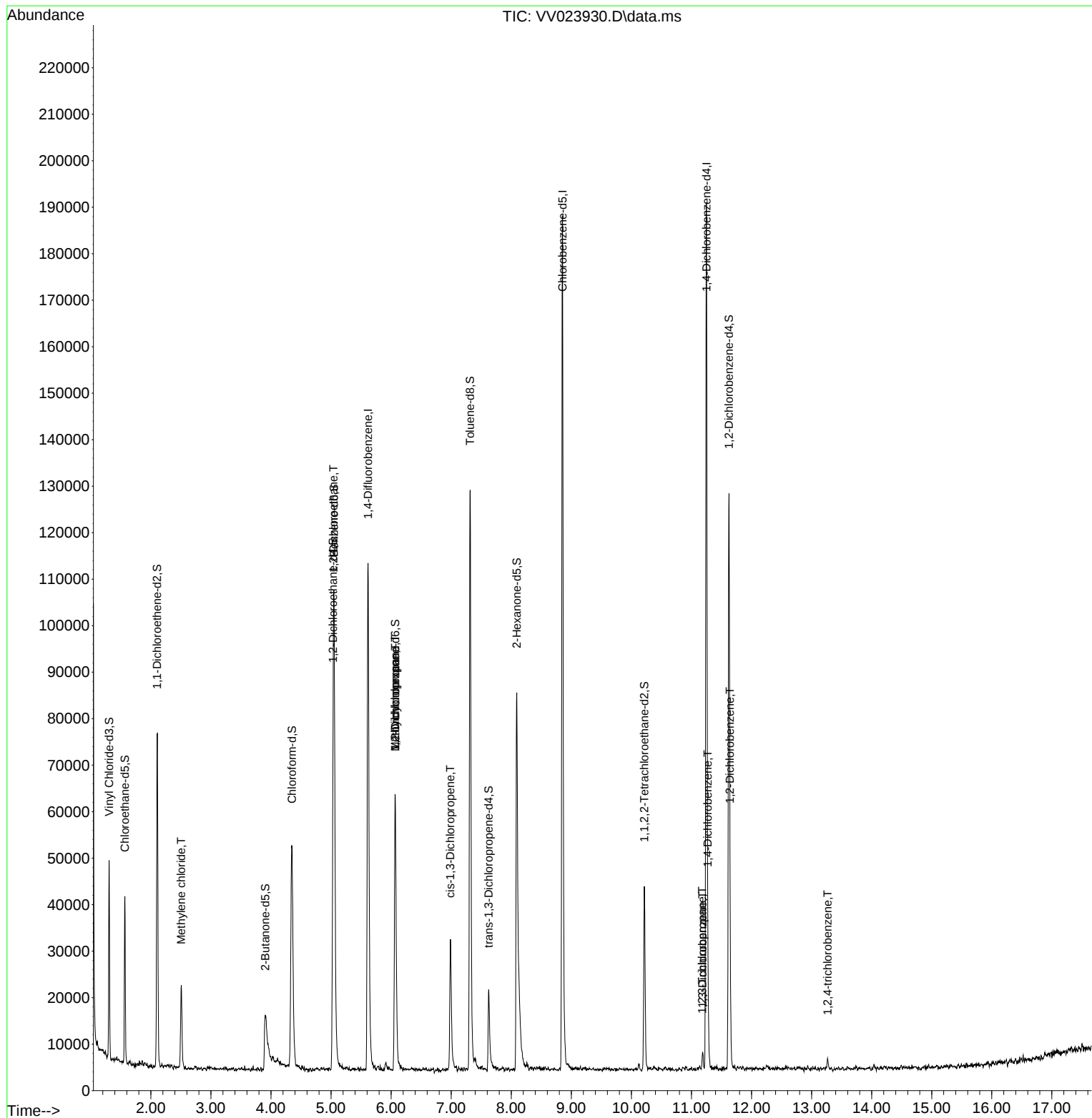
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	97469	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	101882	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51384	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	25587	4.883	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.600%
7) Chloroethane-d5	1.568	69	20338	4.652	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.105	63	37631	3.679	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.600%
20) 2-Butanone-d5	3.905	46	25282	24.696	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	49.400%
24) Chloroform-d	4.349	84	51221	4.316	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.034	65	24018	4.346	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	5.050	84	95521	4.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.069	67	26786	4.400	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.317	98	84678	4.661	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	7.622	79	9859	3.904	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.091	63	34051	30.117	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	60.240%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	18448	3.653	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	32083	4.674	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
16) Methylene chloride	2.503	84	7584	0.886	ug/L	92
27) 1,2-Dichloroethane	5.040	62	633	0.081	ug/L #	73
35) Methylcyclohexane	6.069	83	7296	0.610	ug/L #	18
37) 1,2-Dichloropropane	6.066	63	3382	0.494	ug/L #	84
39) cis-1,3-Dichloropropene	6.985	75	849	0.083	ug/L #	66
61) 1,2,3-Trichloropropane	11.178	75	321	0.092	ug/L #	37
64) 1,3-Dichlorobenzene	11.185	146	1733	0.112	ug/L	90
65) 1,4-Dichlorobenzene	11.271	146	5016	0.324	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	5941	0.420	ug/L	96
70) 1,2,4-trichlorobenzene	13.268	180	845	0.085	ug/L #	90

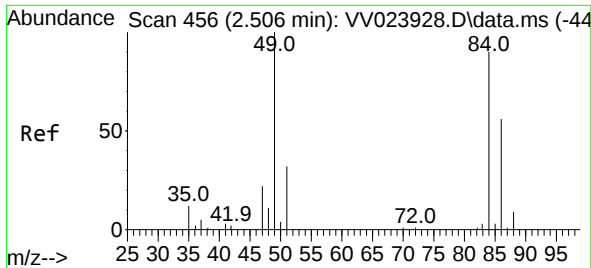
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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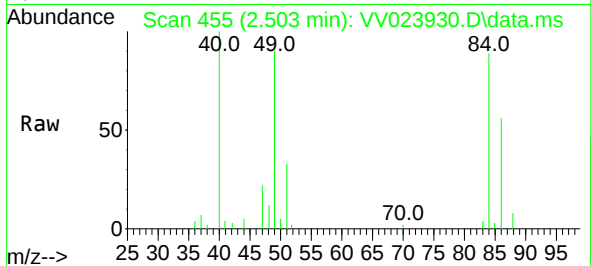
Quant Time: Dec 12 00:27:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Dec 11 04:33:17 2021
Response via : Initial Calibration



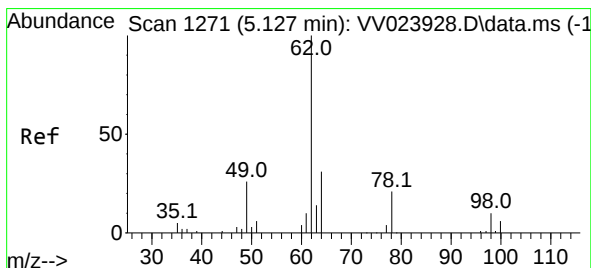
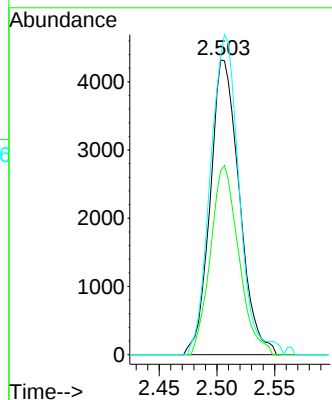
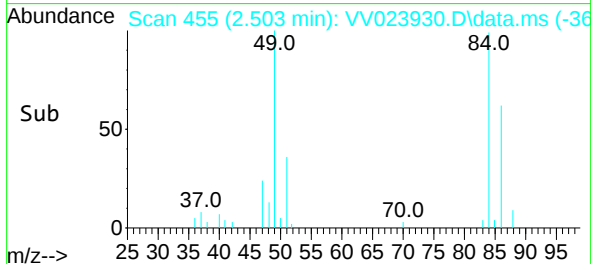


#16
Methylene chloride
Concen: 0.886 ug/L
RT: 2.503 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV023930.D
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MSVOA_V
ClientSampleId :

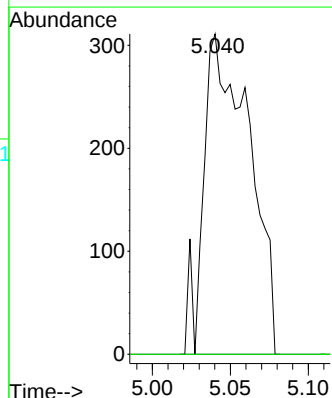
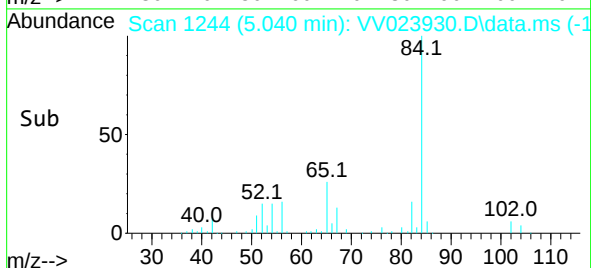
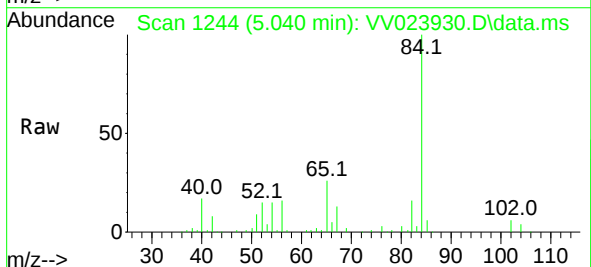


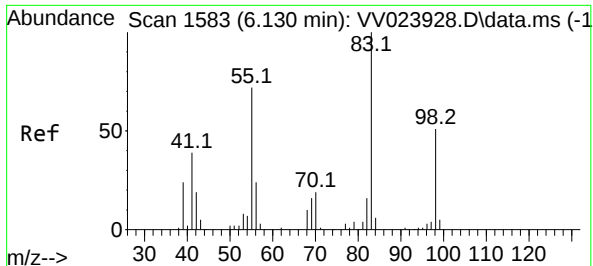
Tgt Ion: 84 Resp: 7584
Ion Ratio Lower Upper
84 100
86 62.5 42.6 79.0
49 101.4 79.7 147.9



#27
1,2-Dichloroethane
Concen: 0.081 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. -0.090 min
Lab File: VV023930.D
Acq: 11 Dec 2021 14:54

Tgt Ion: 62 Resp: 633
Ion Ratio Lower Upper
62 100
98 0.0 8.1 12.1#

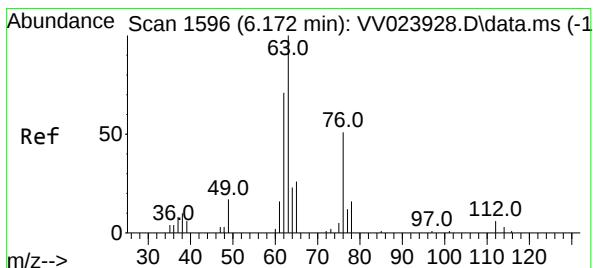
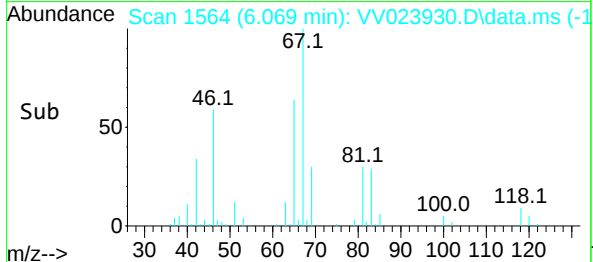
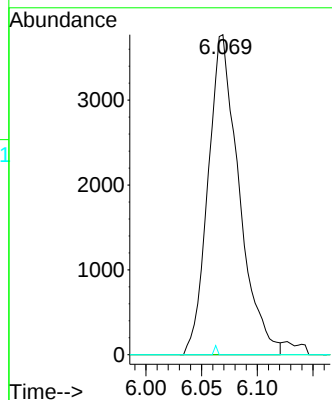
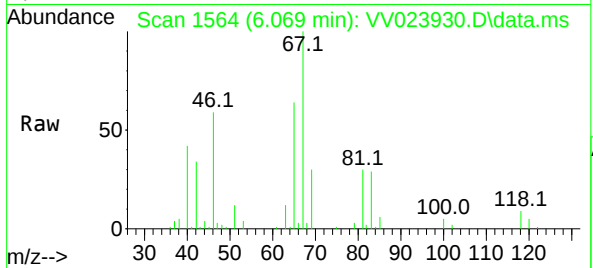




#35
Methylcyclohexane
Concen: 0.610 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV023930.D
Acq: 11 Dec 2021 14:54

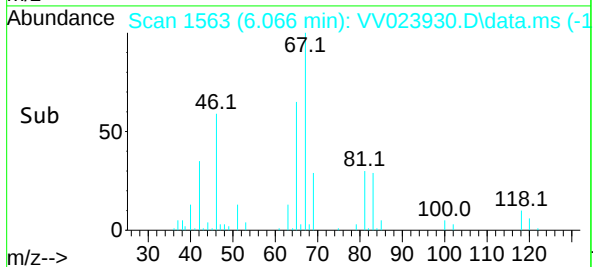
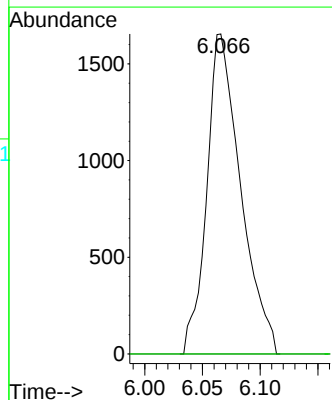
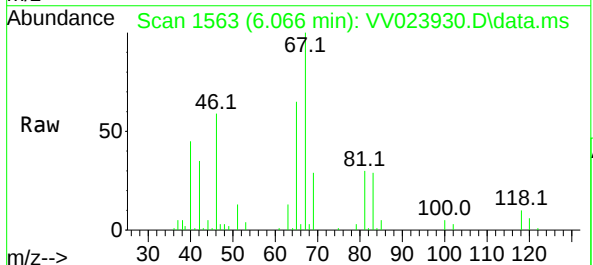
Instrument :
MSVOA_V
ClientSampleId :

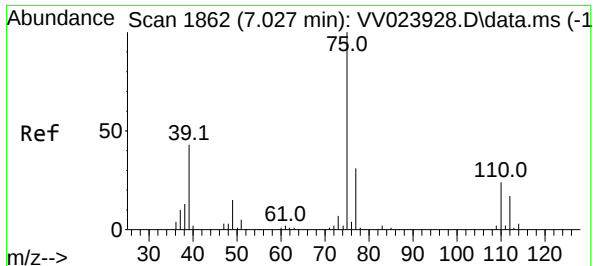
Tgt Ion: 83 Resp: 7296
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.2#
98 0.3 41.0 61.4#



#37
1,2-Dichloropropane
Concen: 0.494 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.103 min
Lab File: VV023930.D
Acq: 11 Dec 2021 14:54

Tgt Ion: 63 Resp: 3382
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#





#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV023930.D

Acq: 11 Dec 2021 14:54

Instrument :

MSVOA_V

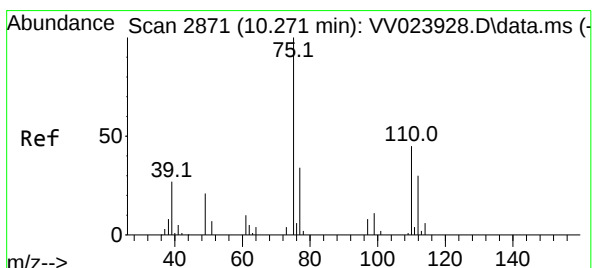
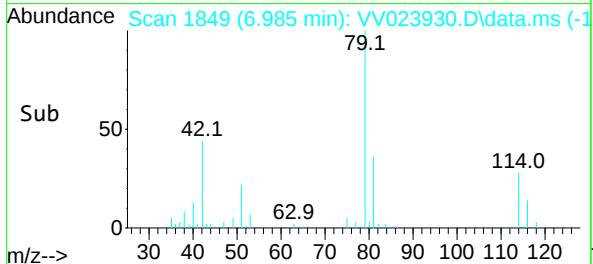
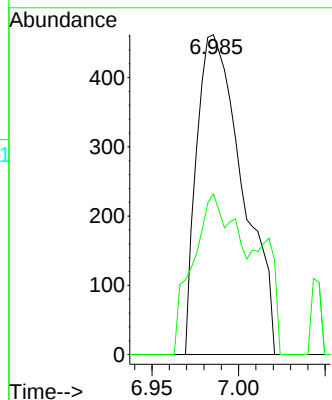
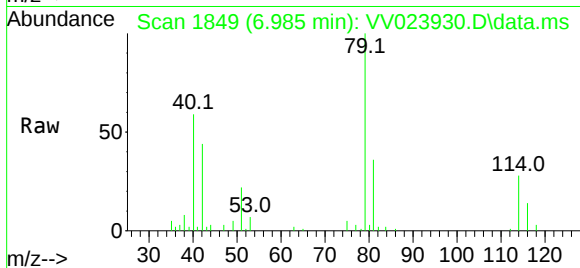
ClientSampleId :

Tgt Ion: 75 Resp: 849

Ion Ratio Lower Upper

75 100

77 50.2 22.0 41.0#



#61

1,2,3-Trichloropropane

Concen: 0.092 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.907 min

Lab File: VV023930.D

Acq: 11 Dec 2021 14:54

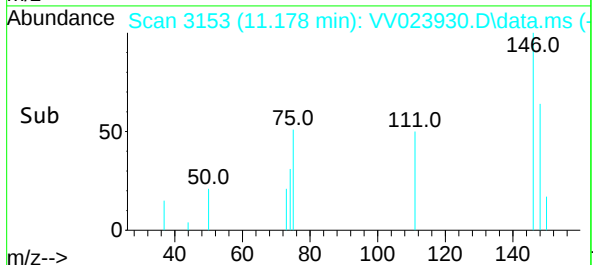
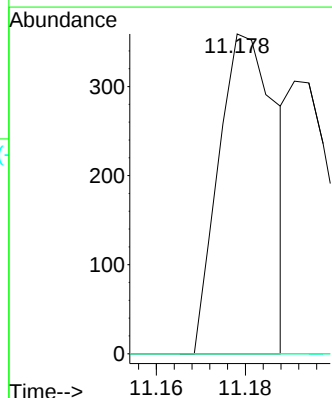
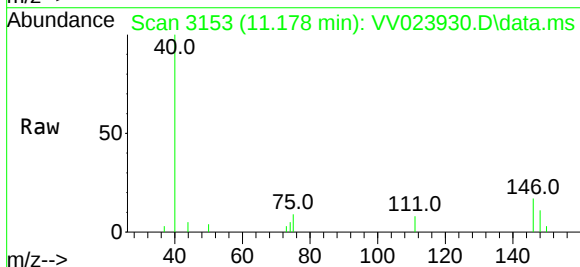
Tgt Ion: 75 Resp: 321

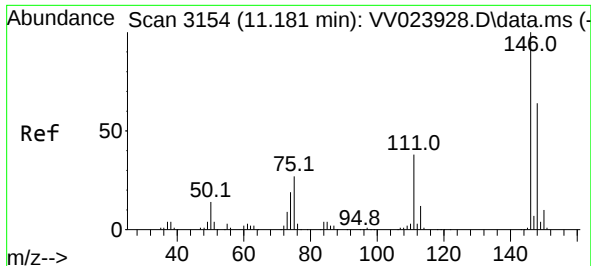
Ion Ratio Lower Upper

75 100

77 0.0 26.4 39.6#

110 0.0 34.2 51.2#

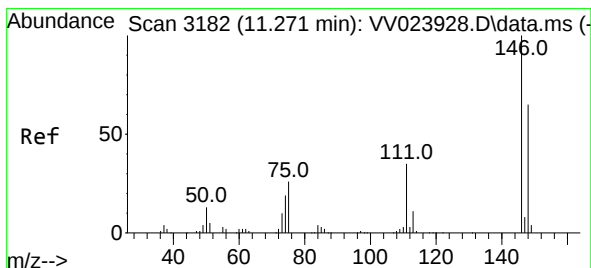
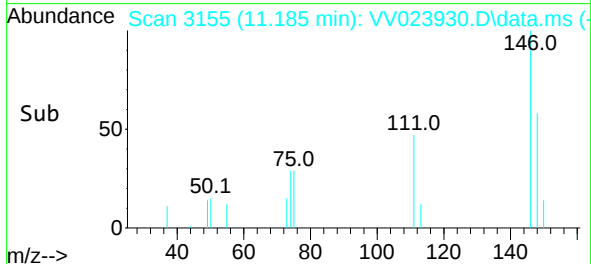
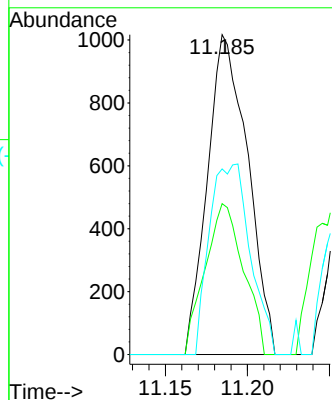
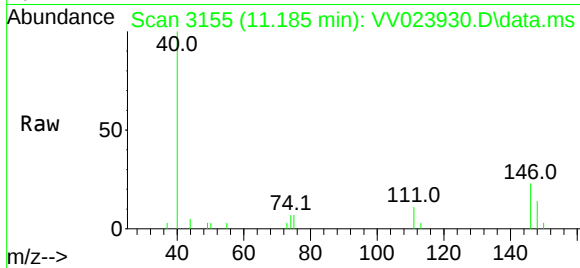




#64
1,3-Dichlorobenzene
Concen: 0.112 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.007 min
Lab File: VV023930.D
Acq: 11 Dec 2021 14:54

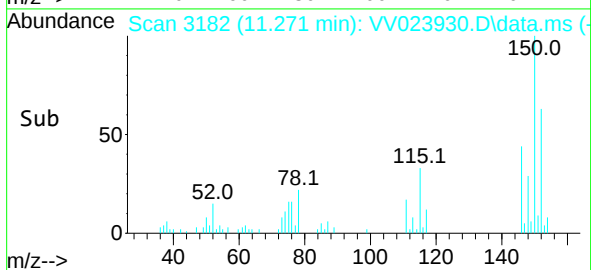
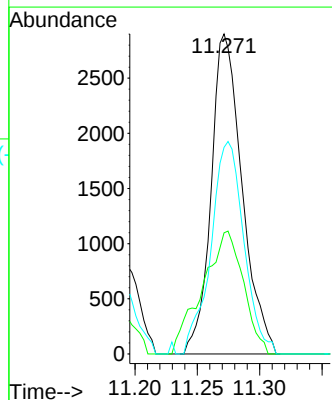
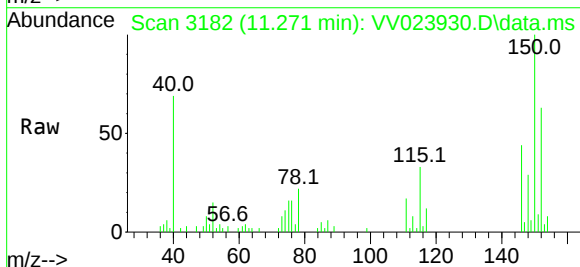
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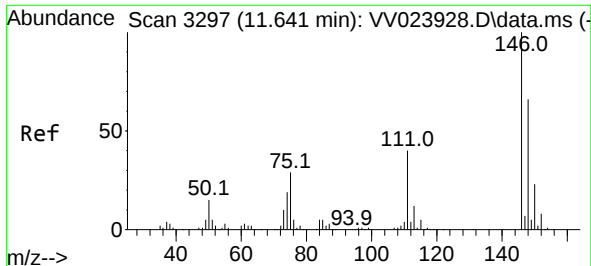
Tgt Ion:146 Resp: 1733
Ion Ratio Lower Upper
146 100
111 47.2 26.3 48.9
148 58.0 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 0.324 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023930.D
Acq: 11 Dec 2021 14:54

Tgt Ion:146 Resp: 5016
Ion Ratio Lower Upper
146 100
111 37.8 25.6 47.6
148 64.6 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 0.420 ug/L

RT: 11.641 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV023930.D

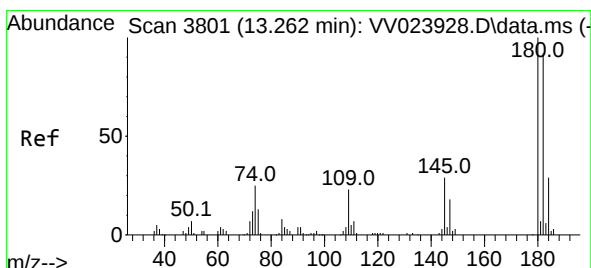
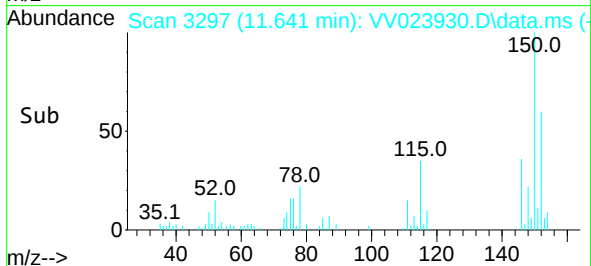
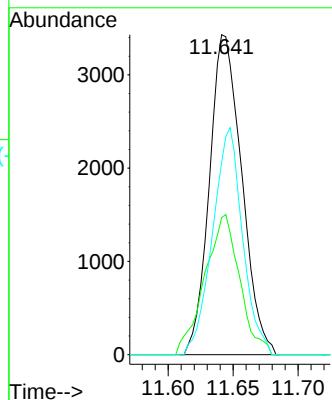
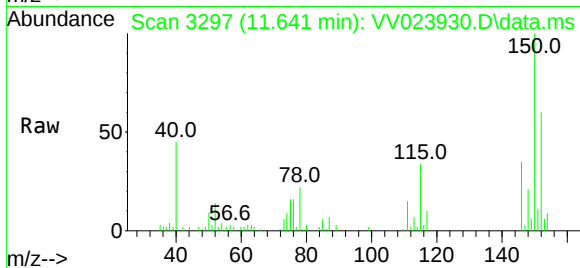
Acq: 11 Dec 2021 14:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:146	Resp:	5941
Ion Ratio	Lower	Upper
146	100	
111	42.8	31.9 47.9
148	60.0	50.5 75.7



#70

1,2,4-trichlorobenzene

Concen: 0.085 ug/L

RT: 13.268 min Scan# 3803

Delta R.T. 0.006 min

Lab File: VV023930.D

Acq: 11 Dec 2021 14:54

Tgt Ion:180	Resp:	845
Ion Ratio	Lower	Upper
180	100	
182	85.6	74.4 111.6
145	18.9	23.3 34.9#

