

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121521\
 Data File : VW023997.D
 Acq On : 15 Dec 2021 21:37
 Operator : SY/MD
 Sample : M4971-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3D0

Quant Time: Dec 16 04:53:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

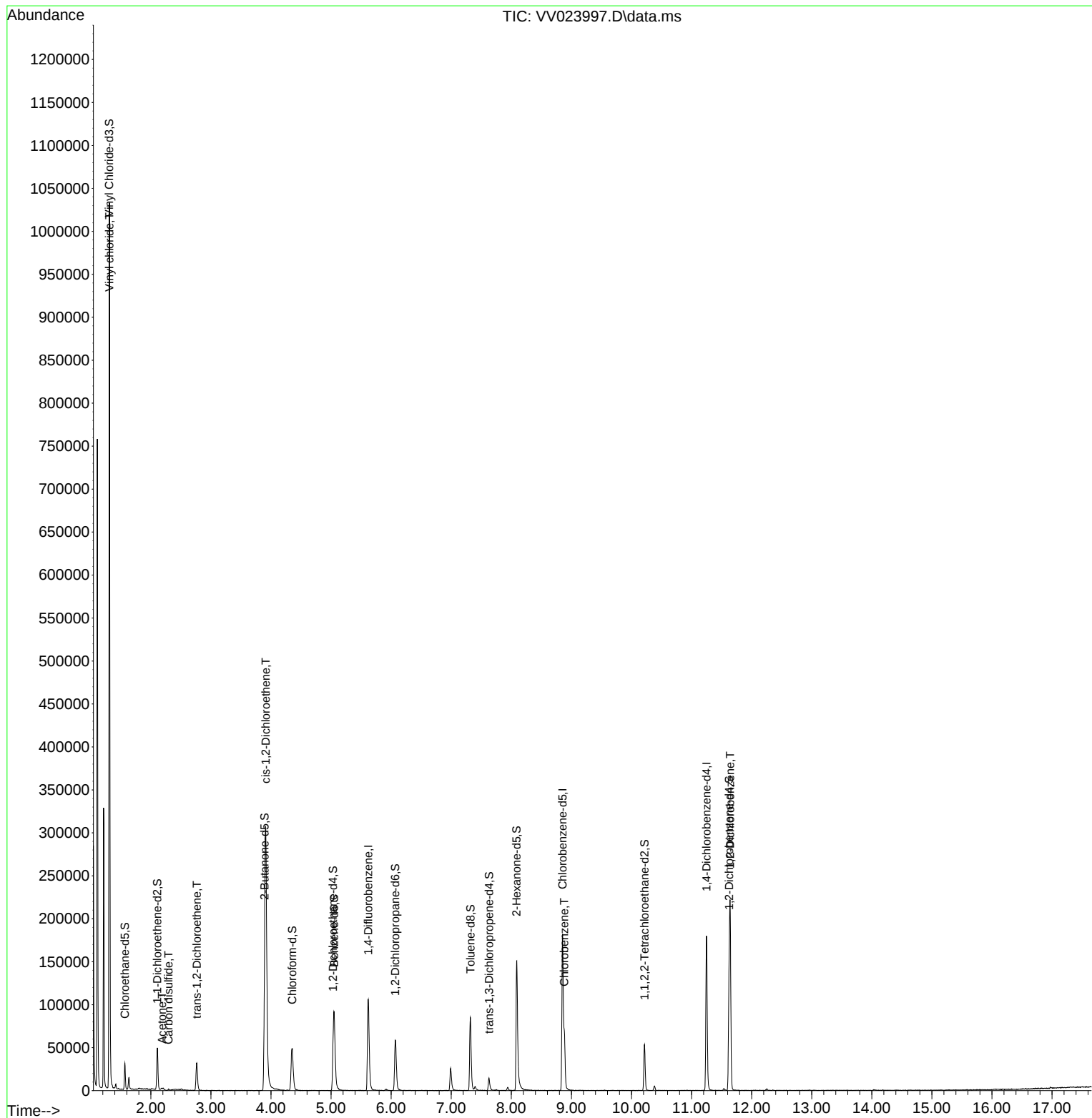
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	96130	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	100763	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49687	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	20939	4.052	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.568	69	17038	3.952	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.108	63	24079	2.387	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.800%#
20) 2-Butanone-d5	3.892	46	71415	70.733	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	141.460%#
24) Chloroform-d	4.352	84	51075	4.363	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.034	65	26066	4.783	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.050	84	79486	3.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	6.069	67	26694	4.433	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.320	98	59615	3.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.400%#
43) trans-1,3-Dichloroprop...	7.629	79	8694	3.480	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.600%
46) 2-Hexanone-d5	8.088	63	49278	44.068	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.140%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23696	4.744	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	30327	4.569	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.311	62	481303	62.072	ug/L	99
13) Acetone	2.185	43	2978	3.687	ug/L	96
14) Carbon disulfide	2.294	76	1556	0.083	ug/L	95
18) trans-1,2-Dichloroethene	2.764	96	12739	1.784	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	160722	21.267	ug/L	99
51) Chlorobenzene	8.883	112	35281	1.645	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	78544	5.746	ug/L	98

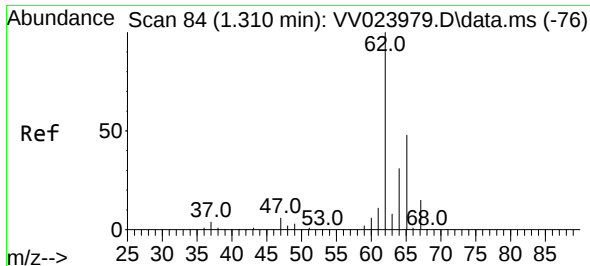
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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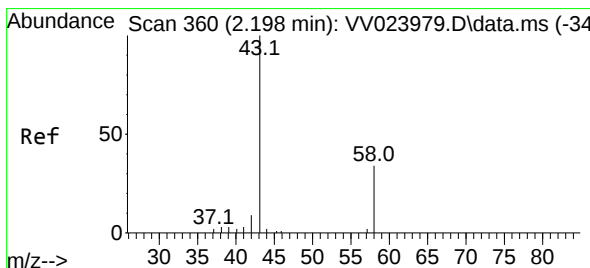
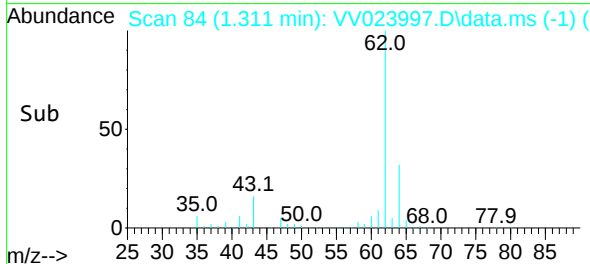
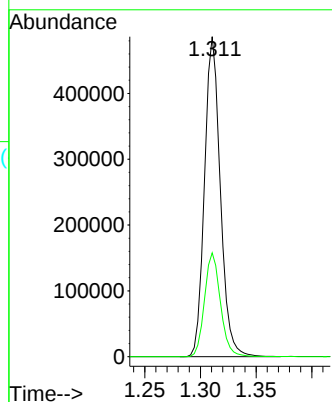
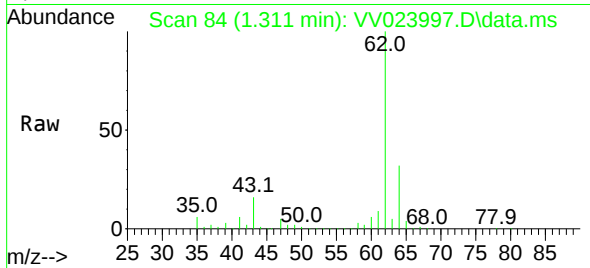




#5
 Vinyl chloride
 Concen: 62.072 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023997.D
 Acq: 15 Dec 2021 21:37

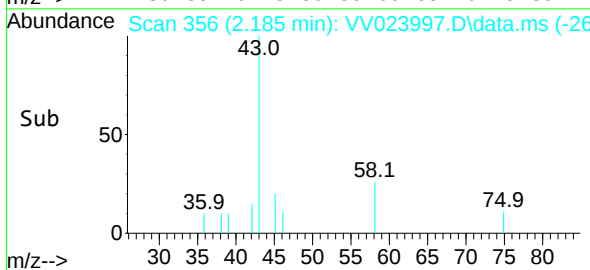
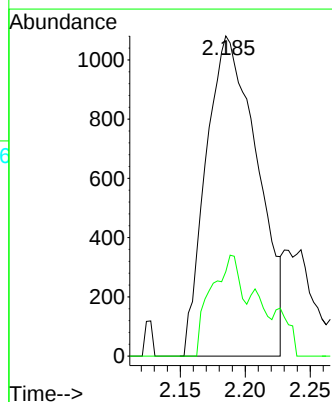
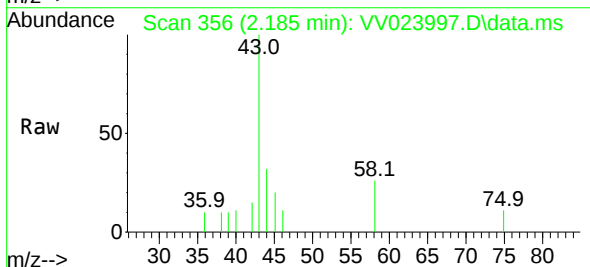
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3D0

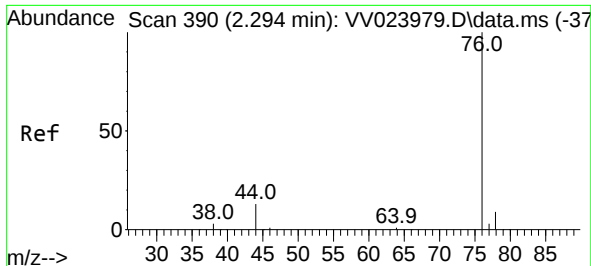
Tgt Ion: 62 Resp: 481303
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.4 41.6



#13
 Acetone
 Concen: 3.687 ug/L
 RT: 2.185 min Scan# 356
 Delta R.T. -0.013 min
 Lab File: VV023997.D
 Acq: 15 Dec 2021 21:37

Tgt Ion: 43 Resp: 2978
 Ion Ratio Lower Upper
 43 100
 58 18.9 0.0 41.4





#14

Carbon disulfide

Concen: 0.083 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV023997.D

Acq: 15 Dec 2021 21:37

Instrument :

MSVOA_V

ClientSampleId :

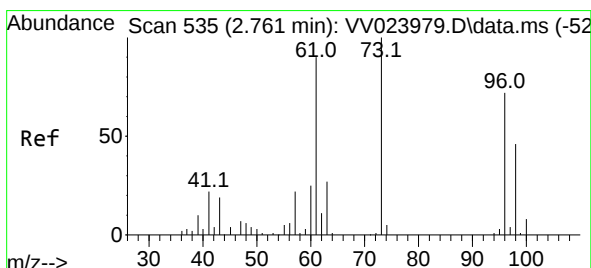
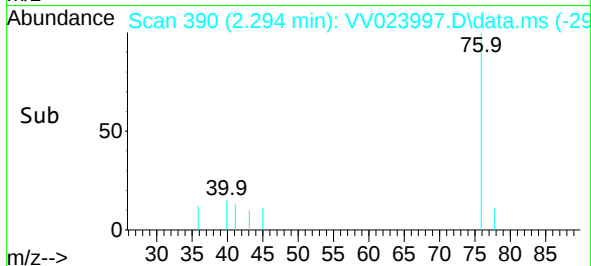
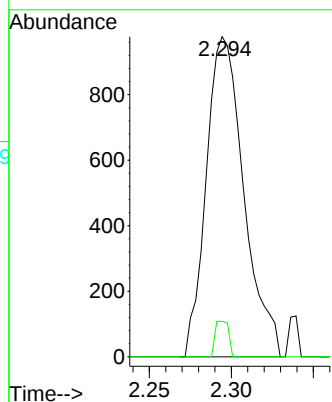
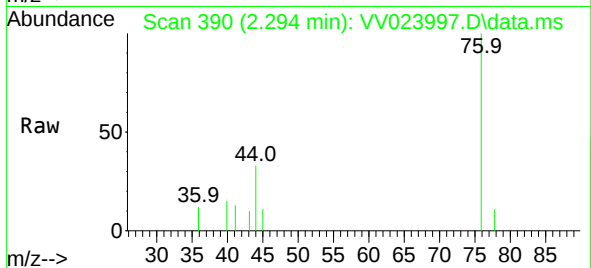
BG3D0

Tgt Ion: 76 Resp: 1556

Ion Ratio Lower Upper

76 100

78 11.1 7.5 11.3



#18

trans-1,2-Dichloroethene

Concen: 1.784 ug/L

RT: 2.764 min Scan# 536

Delta R.T. 0.003 min

Lab File: VV023997.D

Acq: 15 Dec 2021 21:37

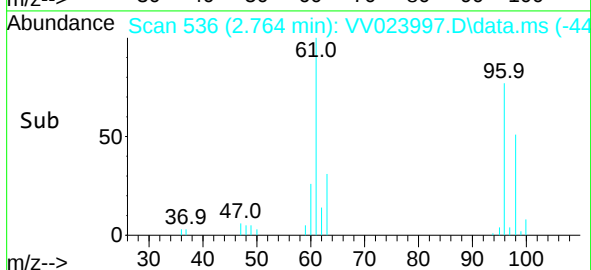
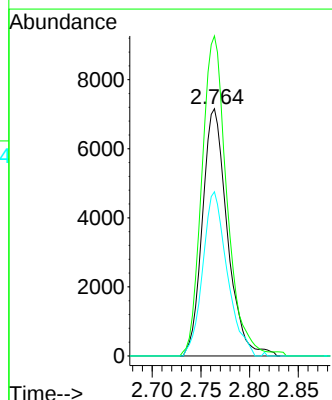
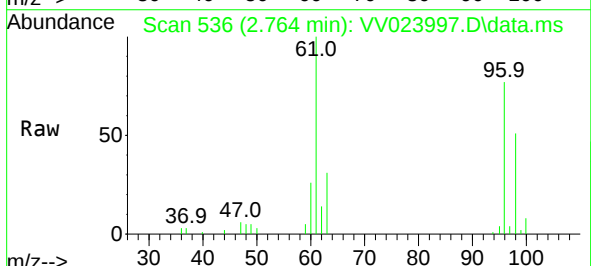
Tgt Ion: 96 Resp: 12739

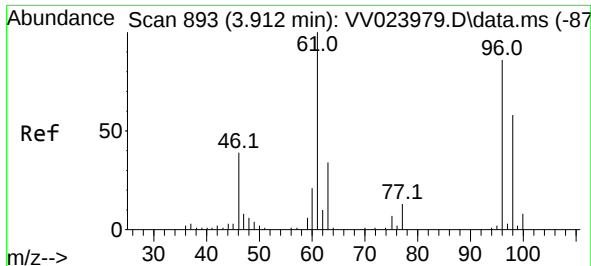
Ion Ratio Lower Upper

96 100

61 129.5 88.2 163.8

98 66.4 44.9 83.5





#22

cis-1,2-Dichloroethene

Concen: 21.267 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.000 min

Lab File: VV023997.D

Acq: 15 Dec 2021 21:37

Instrument :

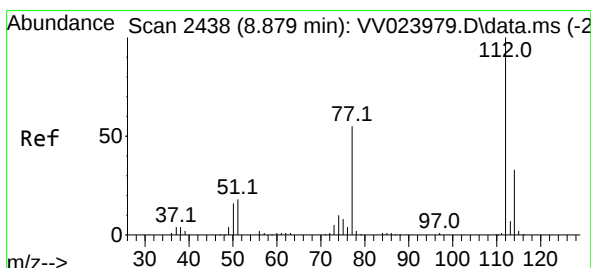
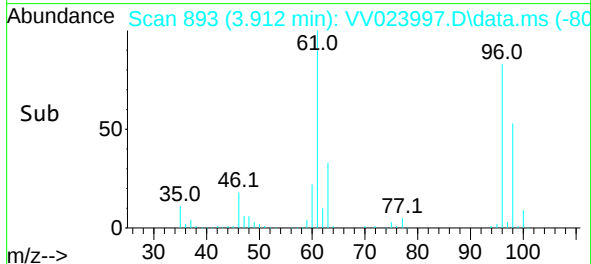
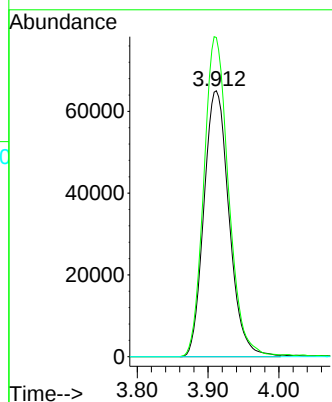
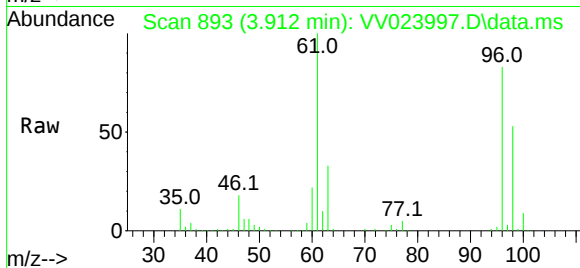
MSVOA_V

ClientSampleId :

BG3D0

Tgt Ion: 96 Resp: 160722

Ion	Ratio	Lower	Upper
96	100		
61	120.1	83.4	154.8
68	0.0	0.0	0.0



#51

Chlorobenzene

Concen: 1.645 ug/L

RT: 8.883 min Scan# 2439

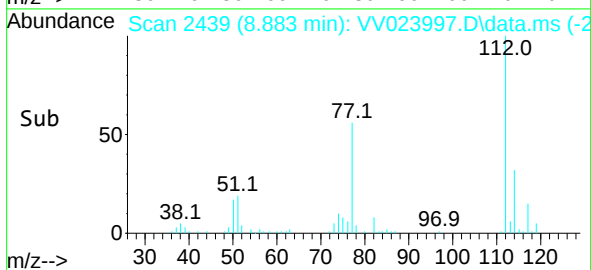
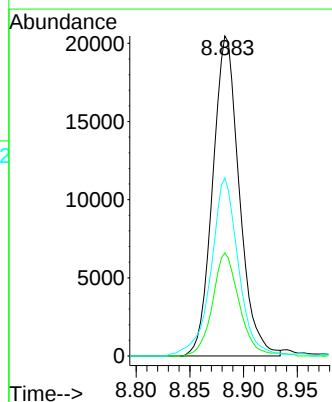
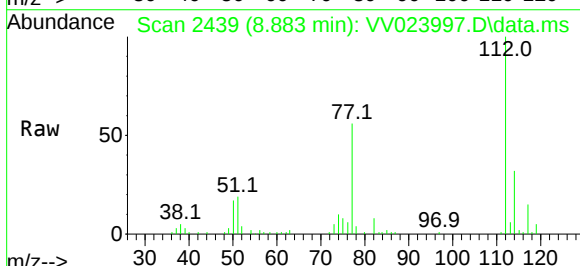
Delta R.T. 0.003 min

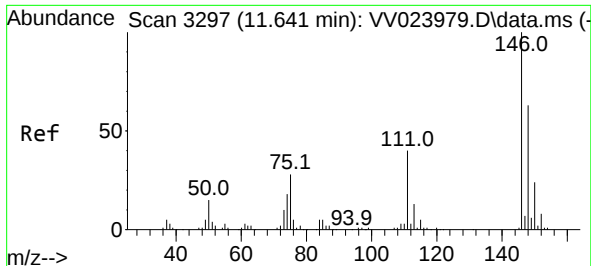
Lab File: VV023997.D

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Tgt Ion: 112 Resp: 35281

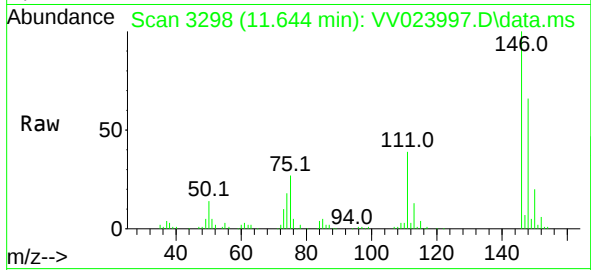
Ion	Ratio	Lower	Upper
112	100		
114	32.2	23.3	43.3
77	55.6	43.3	64.9





#67
 1,2-Dichlorobenzene
 Concen: 5.746 ug/L
 RT: 11.644 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV023997.D
 Acq: 15 Dec 2021 21:37

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3D0



Tgt Ion:	146	Resp:	78544
Ion	Ratio	Lower	Upper
146	100		
111	39.5	31.9	47.9
148	65.8	50.5	75.7

