

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121121\
 Data File : VW023931.D
 Acq On : 11 Dec 2021 15:18
 Operator : SY/MD
 Sample : M5025-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 12 00:27:19 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

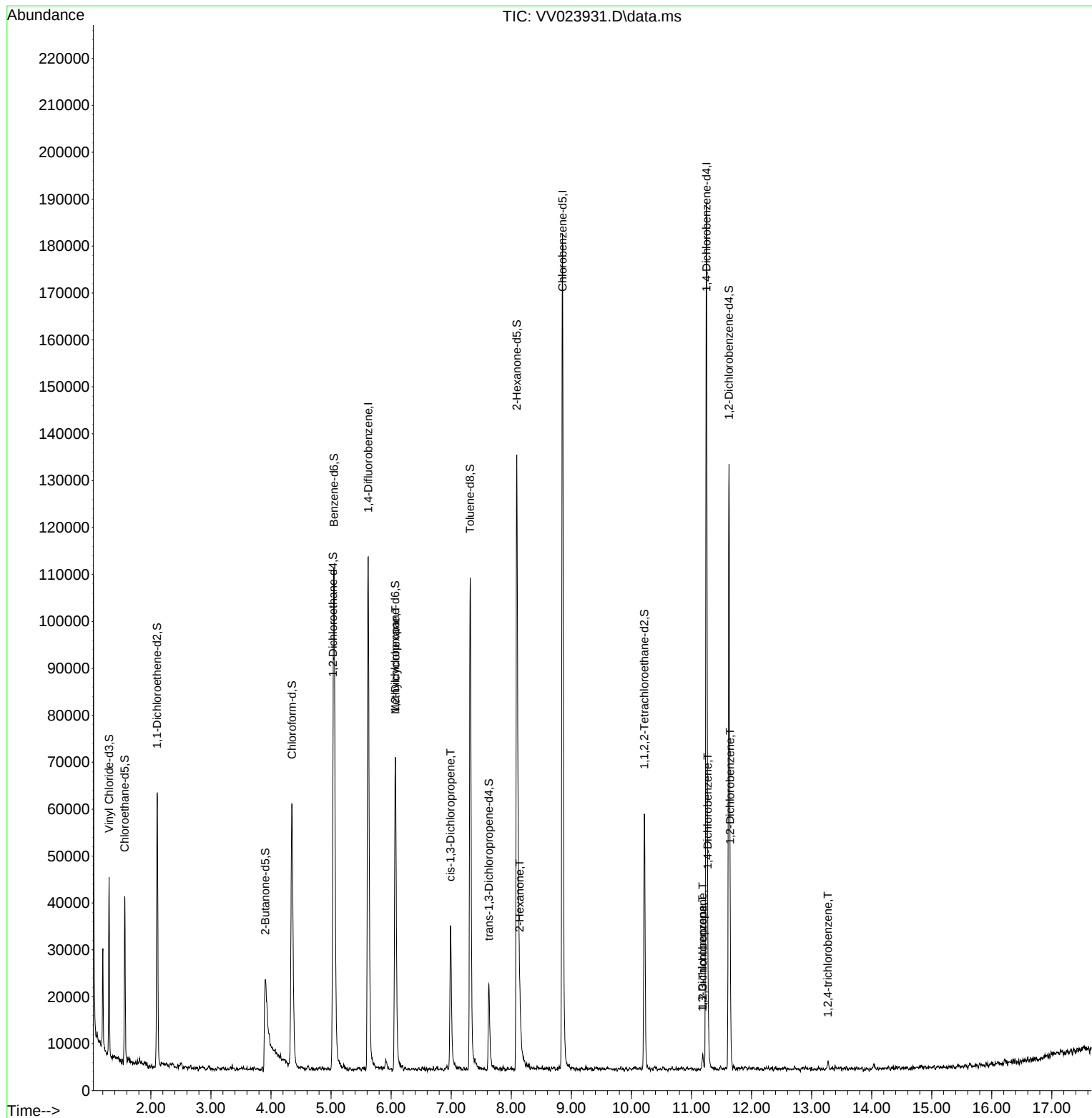
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	99851	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	102262	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49938	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	21827	4.066	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.400%	
7) Chloroethane-d5	1.564	69	20742	4.631	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.600%	
11) 1,1-Dichloroethene-d2	2.105	63	29665	2.831	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	56.600%#	
20) 2-Butanone-d5	3.905	46	43235	41.226	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	82.460%	
24) Chloroform-d	4.349	84	56278	4.629	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.600%	
26) 1,2-Dichloroethane-d4	5.034	65	28001	4.946	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.000%	
32) Benzene-d6	5.050	84	93019	4.593	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
36) 1,2-Dichloropropane-d6	6.069	67	30623	5.011	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.200%	
41) Toluene-d8	7.317	98	71587	3.926	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.600%	
43) trans-1,3-Dichloroprop...	7.628	79	11306	4.460	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.200%	
46) 2-Hexanone-d5	8.091	63	55553	48.951	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.900%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	24274	4.789	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	34745	5.209	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.200%	
Target Compounds						
35) Methylcyclohexane	6.072	83	8152	0.679	ug/L #	19
39) cis-1,3-Dichloropropene	6.989	75	1023	0.100	ug/L #	57
48) 2-Hexanone	8.140	43	1993	0.832	ug/L #	51
61) 1,2,3-Trichloropropane	11.188	75	410	0.121	ug/L #	37
64) 1,3-Dichlorobenzene	11.185	146	1671	0.111	ug/L	88
65) 1,4-Dichlorobenzene	11.271	146	4869	0.323	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	5654	0.412	ug/L	94
70) 1,2,4-trichlorobenzene	13.271	180	778	0.080	ug/L #	78

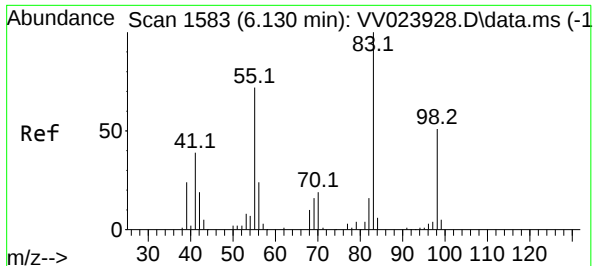
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Dec 11 04:33:17 2021
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#35

Methylcyclohexane

Concen: 0.679 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV023931.D

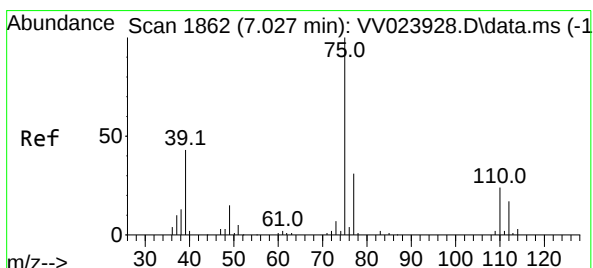
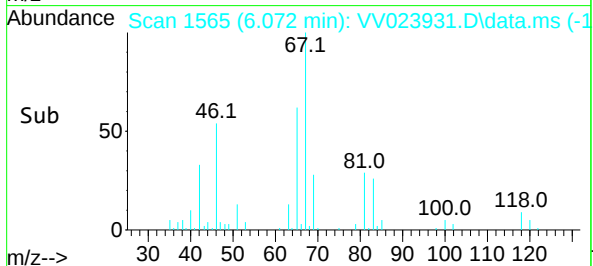
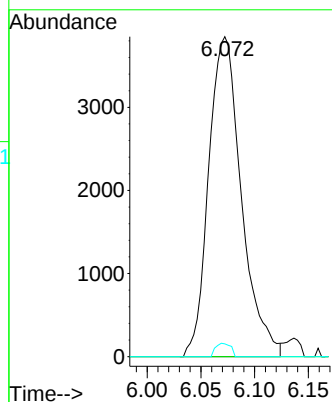
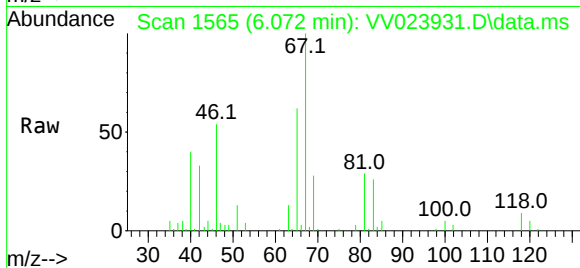
Acq: 11 Dec 2021 15:18

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 8152
Ion Ratio	Lower Upper
83 100	
55 0.0	60.2 90.2#
98 1.9	41.0 61.4#



#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

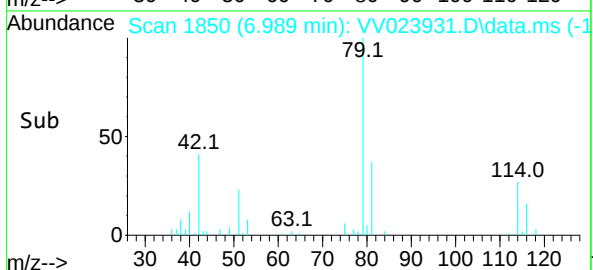
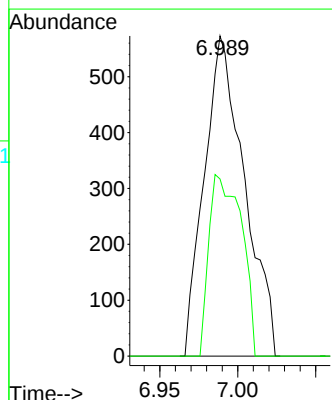
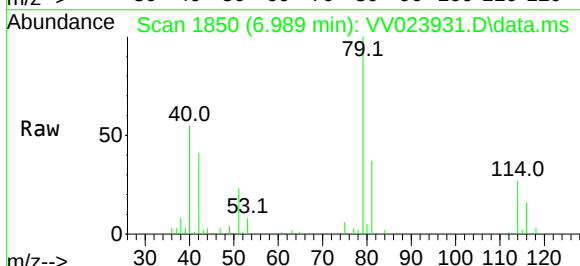
RT: 6.989 min Scan# 1850

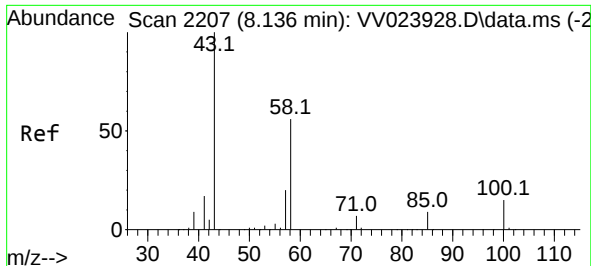
Delta R.T. -0.038 min

Lab File: VV023931.D

Acq: 11 Dec 2021 15:18

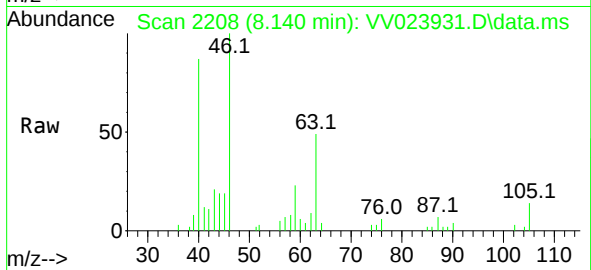
Tgt Ion: 75	Resp: 1023
Ion Ratio	Lower Upper
75 100	
77 55.3	22.0 41.0#



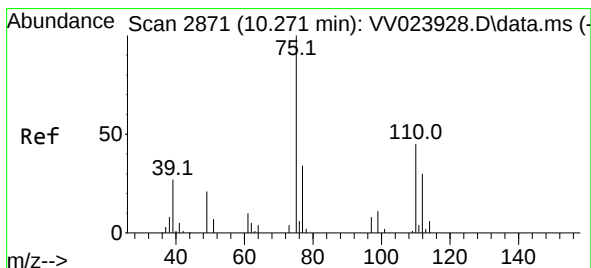
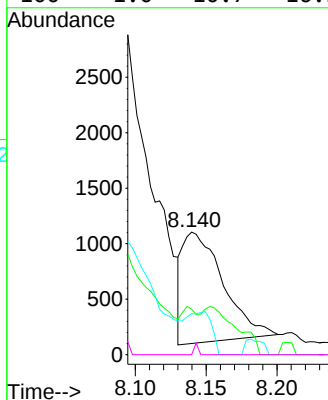
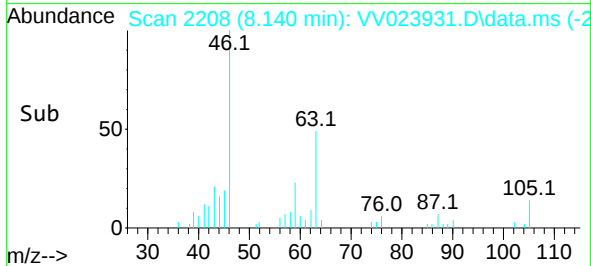


#48
2-Hexanone
Concen: 0.832 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023931.D
Acq: 11 Dec 2021 15:18

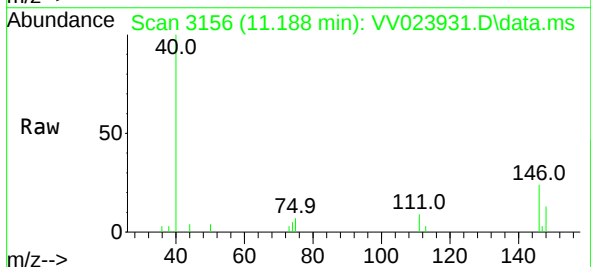
Instrument :
MSVOA_V
ClientSampleId :



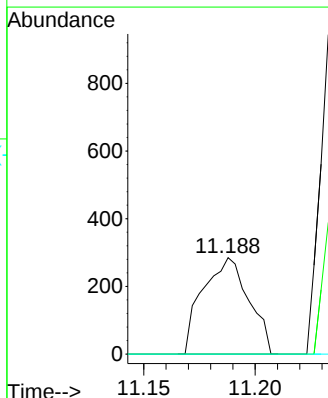
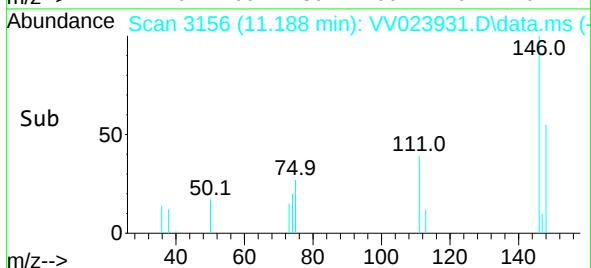
Tgt Ion: 43 Resp: 1993
Ion Ratio Lower Upper
43 100
58 15.4 44.5 66.7#
57 0.0 15.1 22.7#
100 1.0 10.7 16.1#

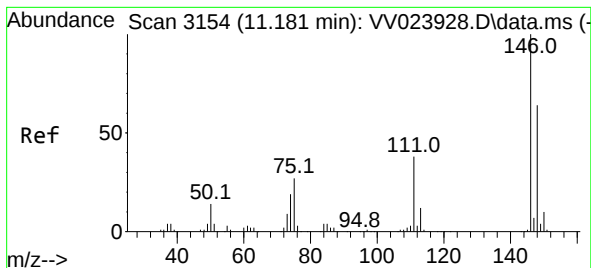


#61
1,2,3-Trichloropropane
Concen: 0.121 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.916 min
Lab File: VV023931.D
Acq: 11 Dec 2021 15:18



Tgt Ion: 75 Resp: 410
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: 0.111 ug/L

RT: 11.185 min Scan# 3154

Delta R.T. 0.007 min

Lab File: VV023931.D

Acq: 11 Dec 2021 15:18

Instrument :

MSVOA_V

ClientSampleId :

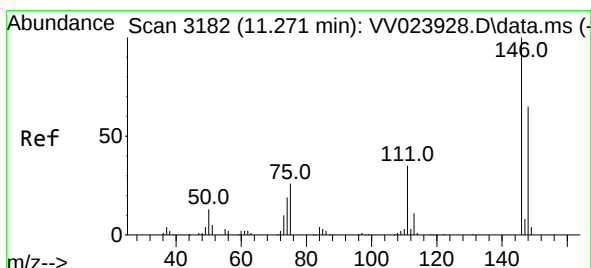
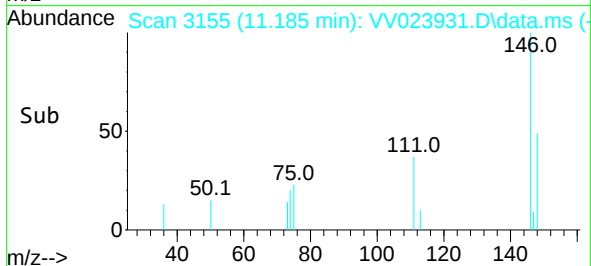
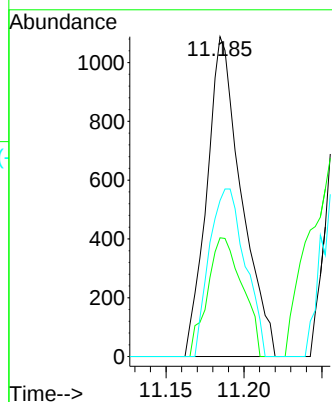
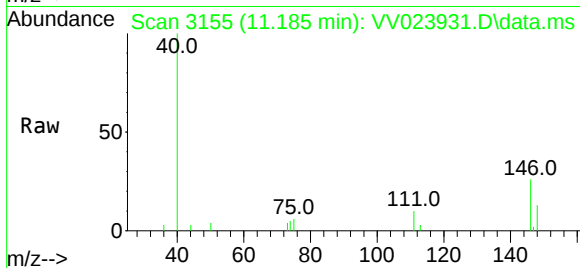
Tgt Ion:146 Resp: 1671

Ion Ratio Lower Upper

146 100

111 37.1 26.3 48.9

148 48.8 44.4 82.5



#65

1,4-Dichlorobenzene

Concen: 0.323 ug/L

RT: 11.271 min Scan# 3182

Delta R.T. 0.000 min

Lab File: VV023931.D

Acq: 11 Dec 2021 15:18

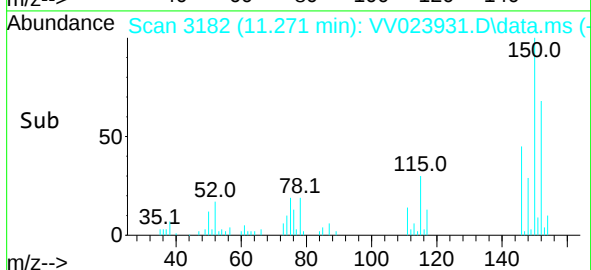
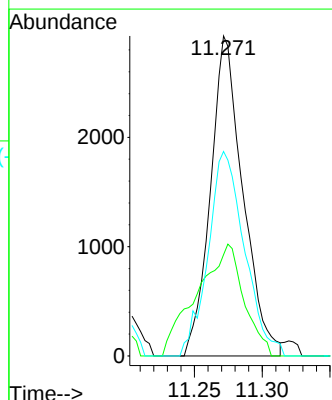
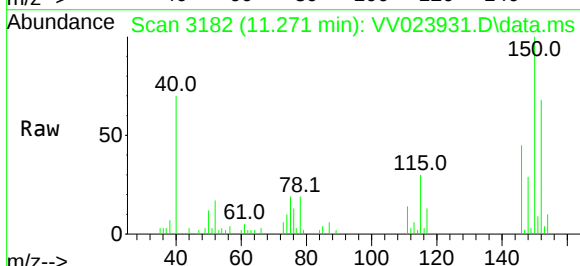
Tgt Ion:146 Resp: 4869

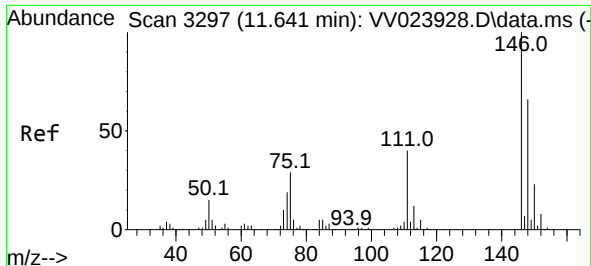
Ion Ratio Lower Upper

146 100

111 31.7 25.6 47.6

148 63.9 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 0.412 ug/L

RT: 11.644 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV023931.D

Acq: 11 Dec 2021 15:18

Instrument :

MSVOA_V

ClientSampleId :

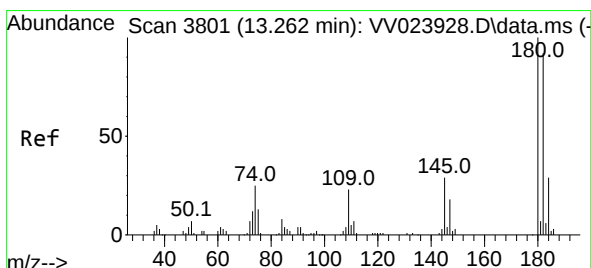
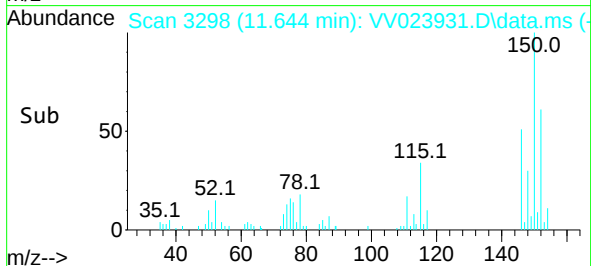
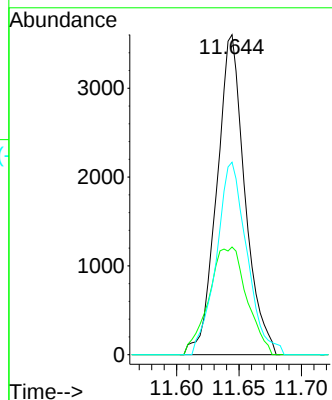
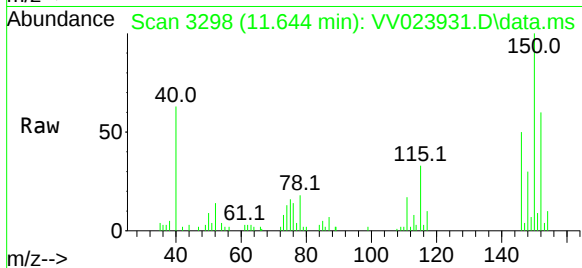
Tgt Ion:146 Resp: 5654

Ion Ratio Lower Upper

146 100

111 33.7 31.9 47.9

148 60.2 50.5 75.7



#70

1,2,4-trichlorobenzene

Concen: 0.080 ug/L

RT: 13.271 min Scan# 3804

Delta R.T. 0.010 min

Lab File: VV023931.D

Acq: 11 Dec 2021 15:18

Tgt Ion:180 Resp: 778

Ion Ratio Lower Upper

180 100

182 71.6 74.4 111.6#

145 17.1 23.3 34.9#

