

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072022\
 Data File : VV026858.D
 Acq On : 20 Jul 2022 19:11
 Operator : SY/MD
 Sample : N3802-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 21 01:52:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 21 01:47:16 2022
 Response via : Initial Calibration

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

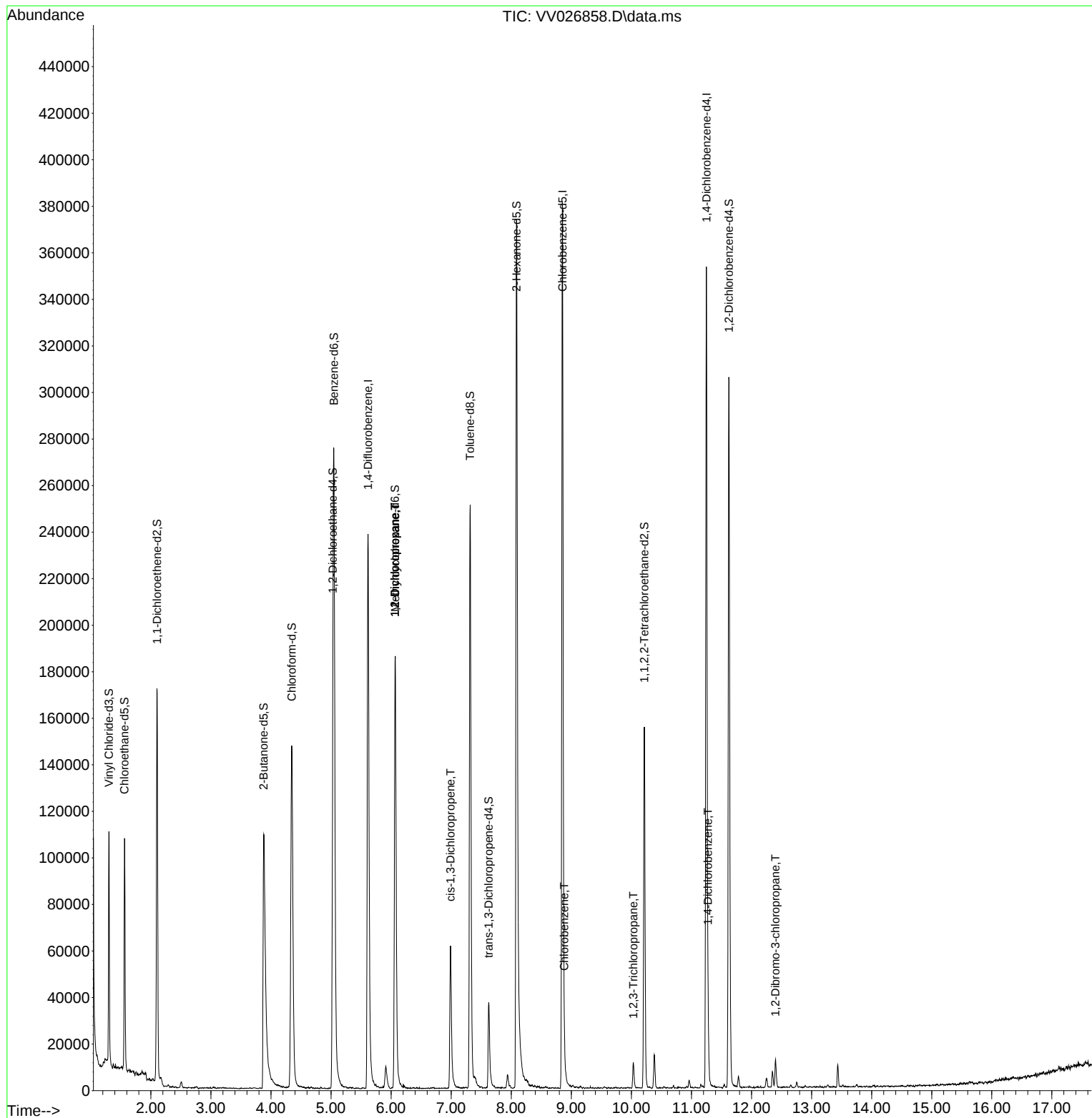
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	216239	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	226944	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	95494	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	63239	3.206	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	64.200%	
7) Chloroethane-d5	1.561	69	64607	3.790	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	75.800%	
11) 1,1-Dichloroethene-d2	2.101	63	87325	2.306	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	46.200%#	
20) 2-Butanone-d5	3.879	46	181451	58.934	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	117.860%	
24) Chloroform-d	4.346	84	162136	4.700	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
26) 1,2-Dichloroethane-d4	5.031	65	73502	4.878	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.600%	
32) Benzene-d6	5.047	84	257799	3.738	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	74.800%	
36) 1,2-Dichloropropane-d6	6.066	67	95538	4.621	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.400%	
41) Toluene-d8	7.317	98	179805	2.937	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	58.800%#	
43) trans-1,3-Dichloroprop...	7.625	79	23545	3.481	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	69.600%	
46) 2-Hexanone-d5	8.088	63	136150	46.486	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.980%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	78660	4.883	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	80710	4.851	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.000%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.069	83	23242	0.817	ug/L #	19
37) 1,2-Dichloropropane	6.066	63	9879	0.545	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1758	0.078	ug/L #	21
51) Chlorobenzene	8.883	112	3291	0.068	ug/L	92
61) 1,2,3-Trichloropropane	10.034	75	646	0.073	ug/L #	63
65) 1,4-Dichlorobenzene	11.275	146	11440	0.386	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.397	75	2055	1.101	ug/L #	6

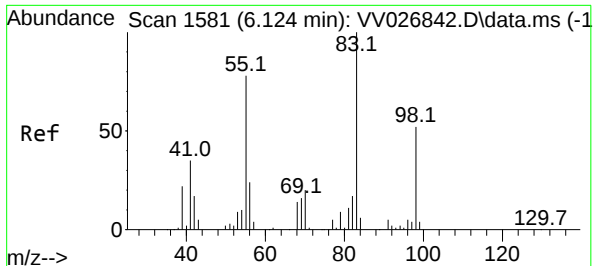
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 21 01:47:16 2022
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#35

Methylcyclohexane

Concen: 0.817 ug/L

RT: 6.069 min Scan# 1563

Delta R.T. -0.055 min

Lab File: VV026858.D

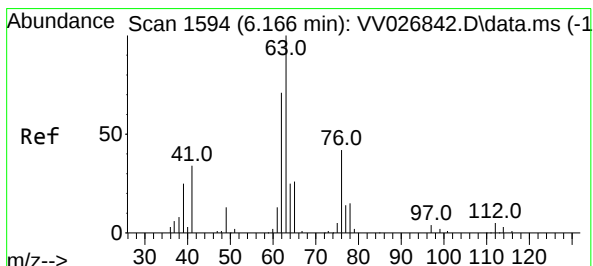
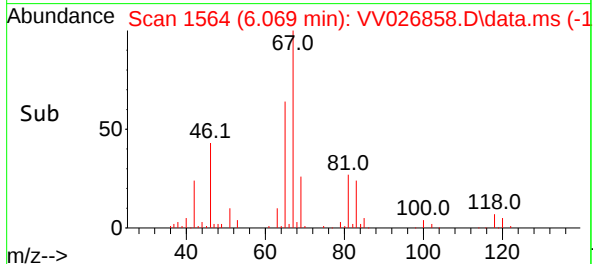
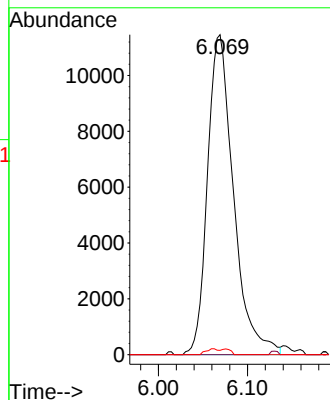
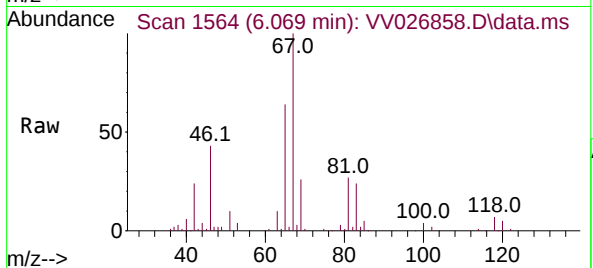
Acq: 20 Jul 2022 19:11

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	23242
Ion Ratio	Lower	Upper	
83	100		
55	0.3	59.5	89.3#
98	0.6	38.3	57.5#



#37

1,2-Dichloropropane

Concen: 0.545 ug/L

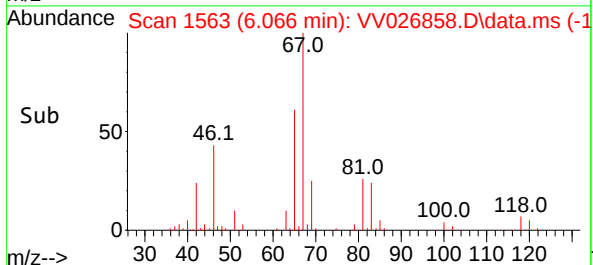
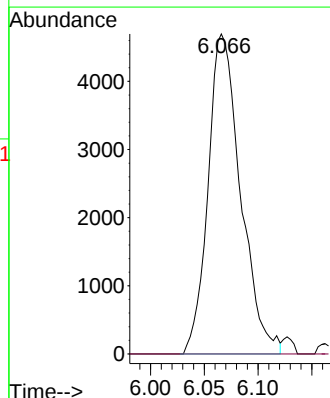
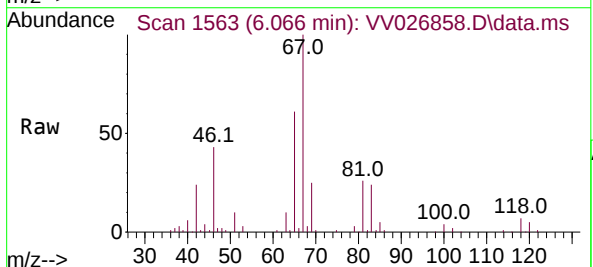
RT: 6.066 min Scan# 1563

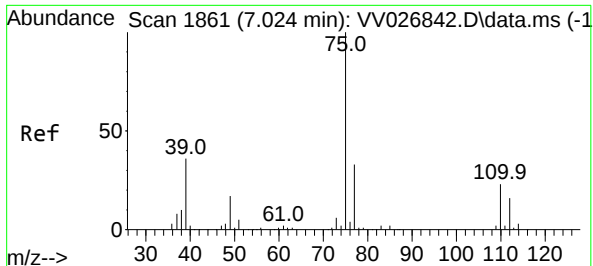
Delta R.T. -0.100 min

Lab File: VV026858.D

Acq: 20 Jul 2022 19:11

Tgt Ion:	63	Resp:	9879
Ion Ratio	Lower	Upper	
63	100		
112	0.0	4.2	6.2#





#39

cis-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV026858.D

Acq: 20 Jul 2022 19:11

Instrument :

MSVOA_V

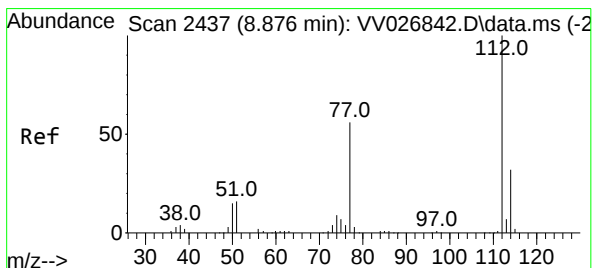
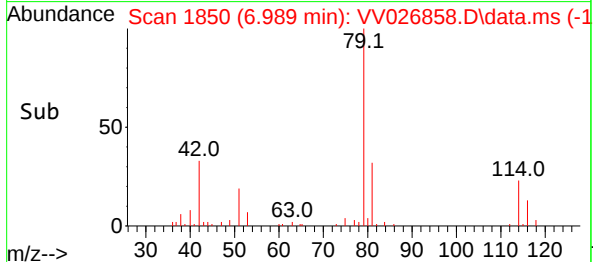
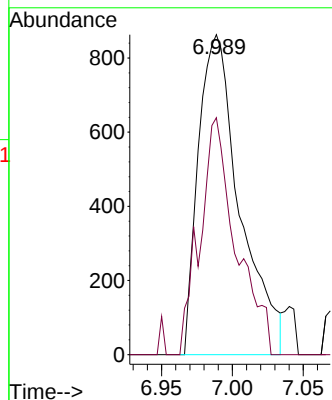
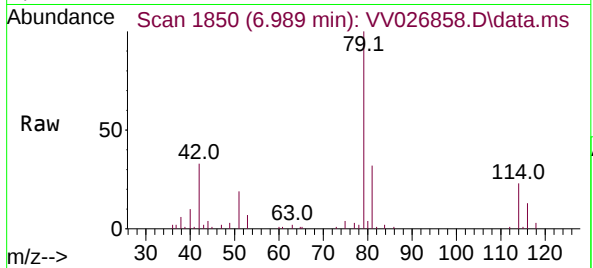
ClientSampleId :

Tgt Ion: 75 Resp: 1758

Ion Ratio Lower Upper

75 100

77 74.0 21.4 39.8#



#51

Chlorobenzene

Concen: 0.068 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. 0.006 min

Lab File: VV026858.D

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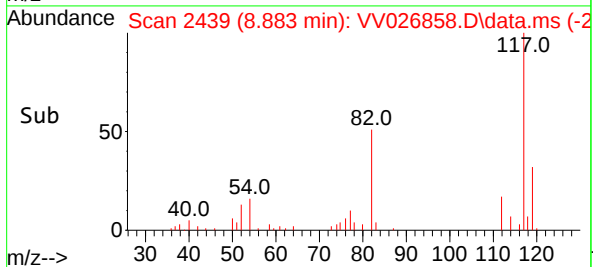
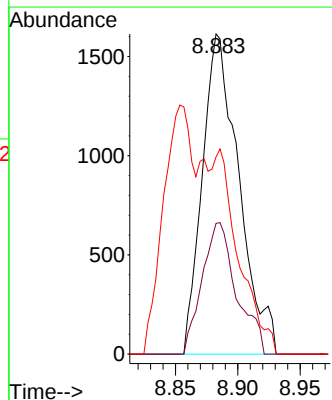
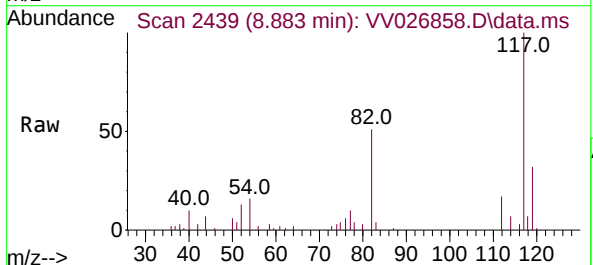
Tgt Ion: 112 Resp: 3291

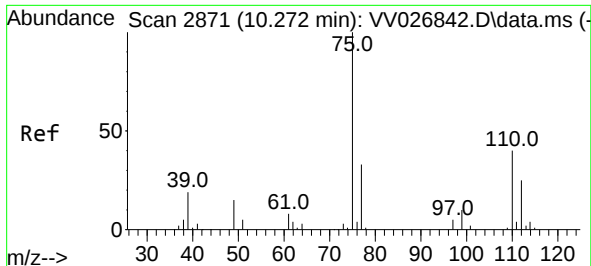
Ion Ratio Lower Upper

112 100

114 40.8 22.7 42.1

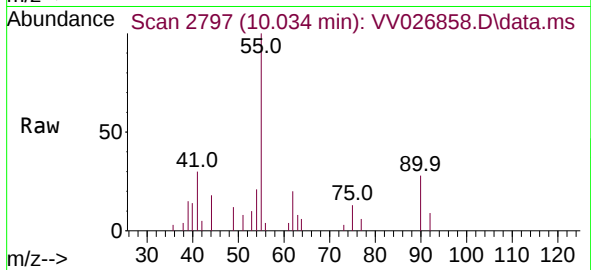
77 61.6 46.6 70.0



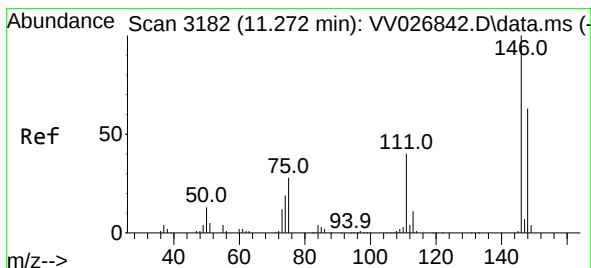
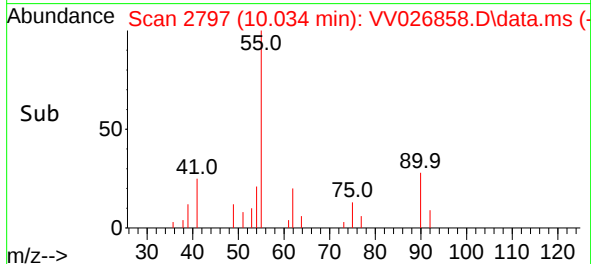
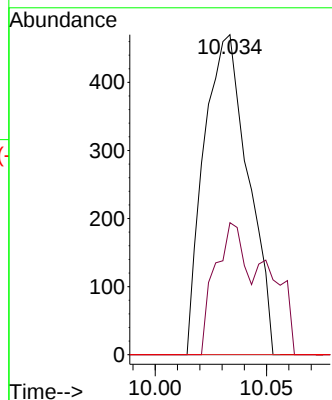


#61
 1,2,3-Trichloropropane
 Concen: 0.073 ug/L
 RT: 10.034 min Scan# 21
 Delta R.T. -0.238 min
 Lab File: VV026858.D
 Acq: 20 Jul 2022 19:11

Instrument :
 MSVOA_V
 ClientSampleId :

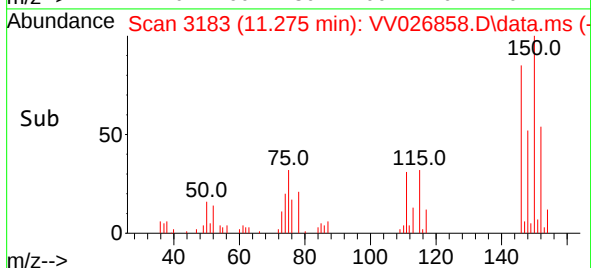
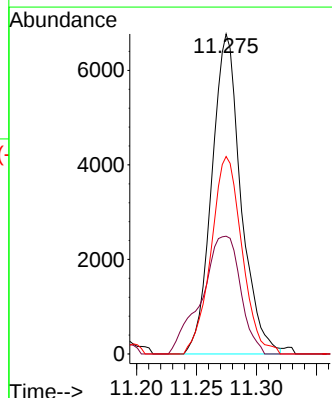
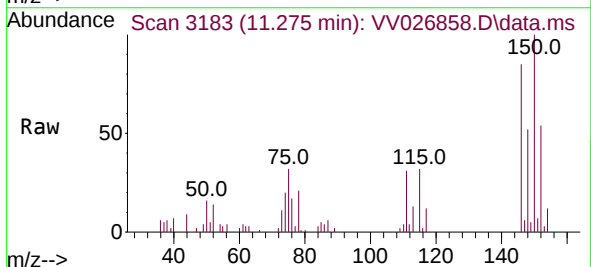


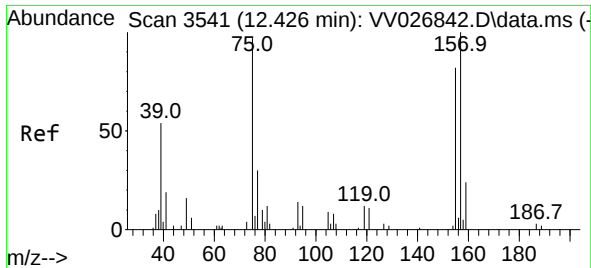
Tgt Ion: 75 Resp: 646
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.4 38.0
 110 0.0 31.8 47.6#



#65
 1,4-Dichlorobenzene
 Concen: 0.386 ug/L
 RT: 11.275 min Scan# 3183
 Delta R.T. 0.003 min
 Lab File: VV026858.D
 Acq: 20 Jul 2022 19:11

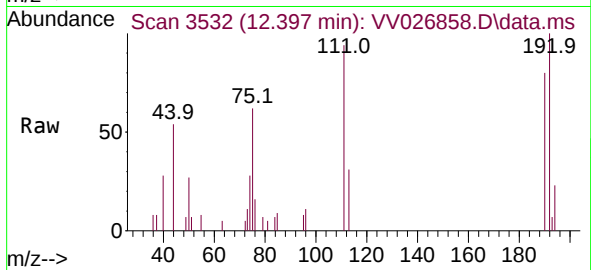
Tgt Ion: 146 Resp: 11440
 Ion Ratio Lower Upper
 146 100
 111 36.8 26.8 49.8
 148 61.7 43.3 80.5





#68
 1,2-Dibromo-3-chloropropane
 Concen: 1.101 ug/L
 RT: 12.397 min Scan# 31
 Delta R.T. -0.029 min
 Lab File: VV026858.D
 Acq: 20 Jul 2022 19:11

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 2055
 Ion Ratio Lower Upper
 75 100
 155 0.0 60.3 90.5#
 157 0.0 78.2 117.4#

