

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121823\
 Data File : VU057006.D
 Acq On : 18 Dec 2023 20:24
 Operator : MD/SY
 Sample : 05811-20DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 19 01:44:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 19 01:20:32 2023
 Response via : Initial Calibration

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

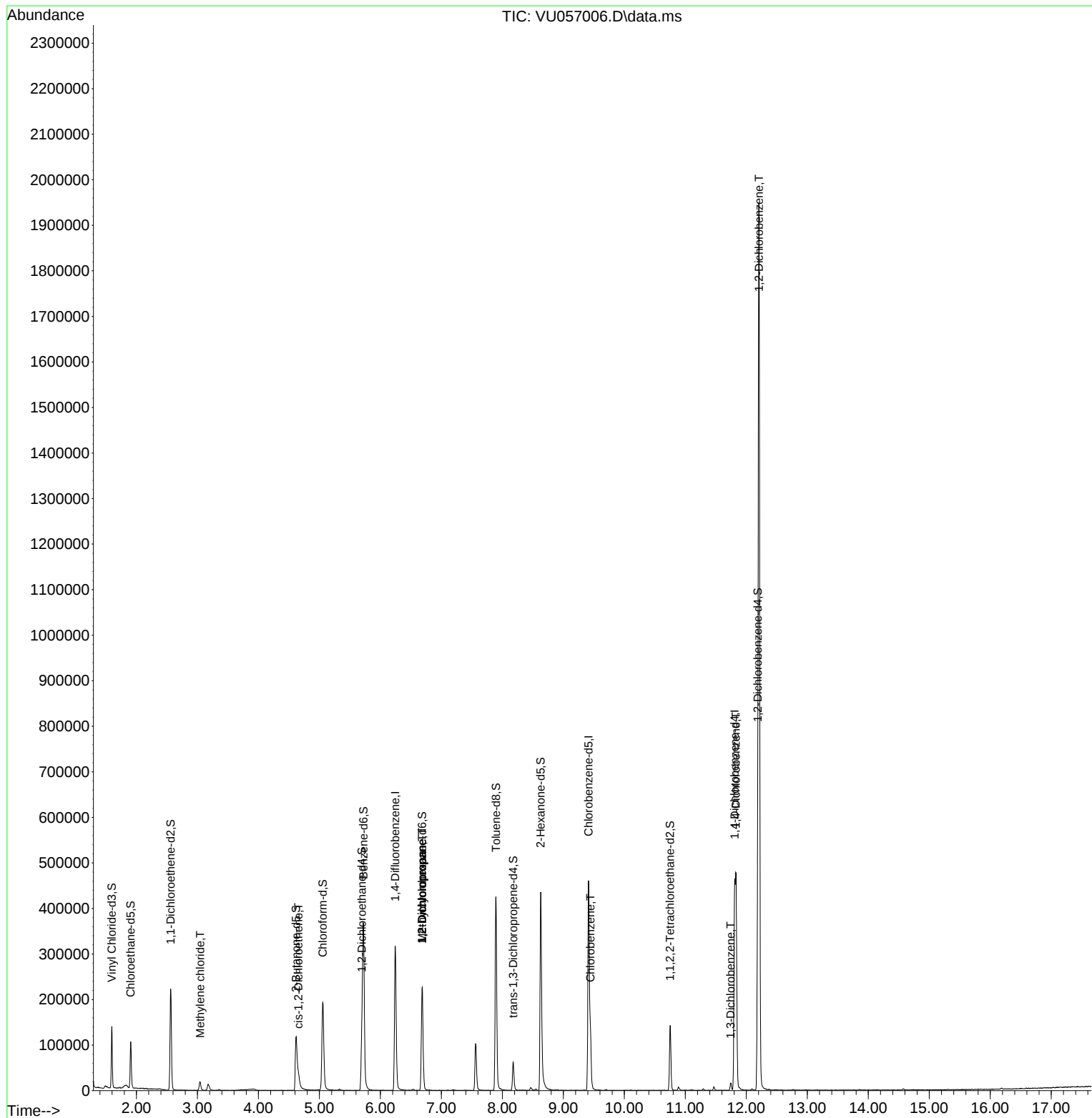
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	255359	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	259390	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	110154	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	93214	4.259	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.904	69	78635	4.801	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.560	65	42126	4.498	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	4.618	46	169407	39.190	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.380%
24) Chloroform-d	5.055	84	187290	4.519	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.695	65	85893	4.379	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
32) Benzene-d6	5.721	84	355721	4.421	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.682	67	111353	4.422	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.894	98	292769	4.071	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.177	79	37385	3.828	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.600%
46) 2-Hexanone-d5	8.627	63	145402	39.477	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.960%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	72236	3.965	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	106760	4.930	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						Qvalue
16) Methylene chloride	3.046	84	10149	0.449	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	7266	0.318	ug/L	86
35) Methylcyclohexane	6.685	83	25984	0.704	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	12078	0.518	ug/L #	89
51) Chlorobenzene	9.444	112	66320	1.103	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	7065	0.172	ug/L	95
65) 1,4-Dichlorobenzene	11.830	146	176907	4.364	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	745951	19.890	ug/L	98

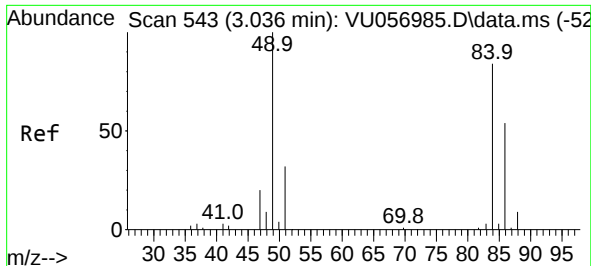
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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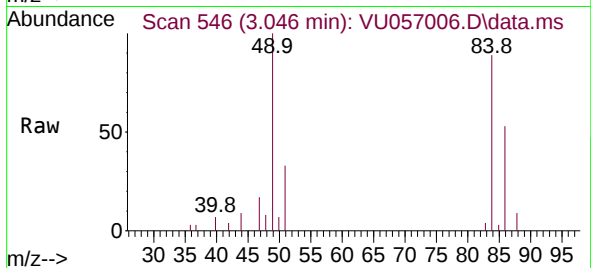
Quant Time: Dec 19 01:44:21 2023
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Quant Title : TRACE VOA SFAM1.0
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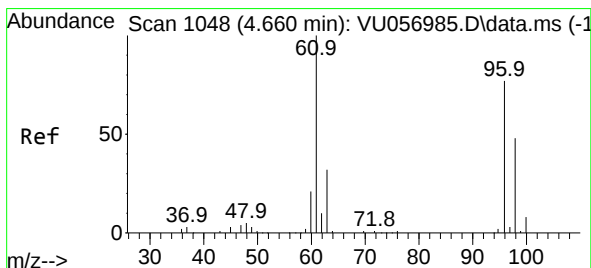
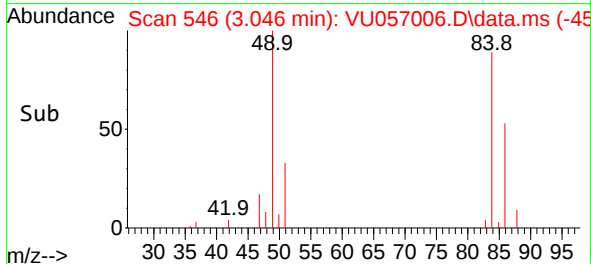
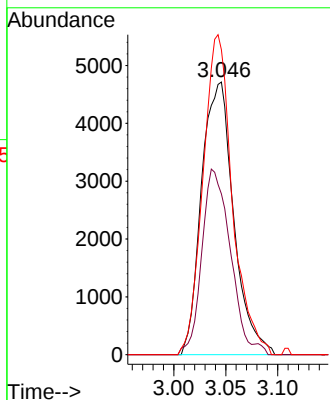


#16
Methylene chloride
Concen: 0.449 ug/L
RT: 3.046 min Scan# 54
Delta R.T. 0.010 min
Lab File: VU057006.D
Acq: 18 Dec 2023 20:24

Instrument :
MSVOA_U
ClientSampleId :

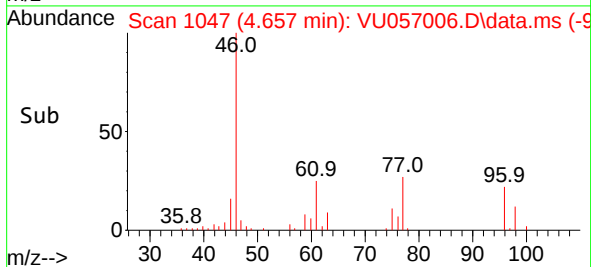
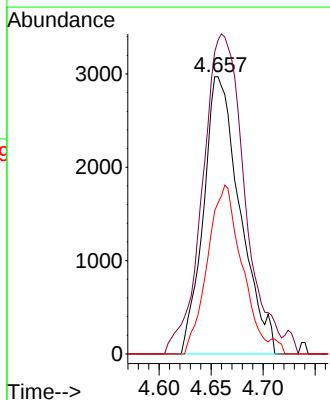
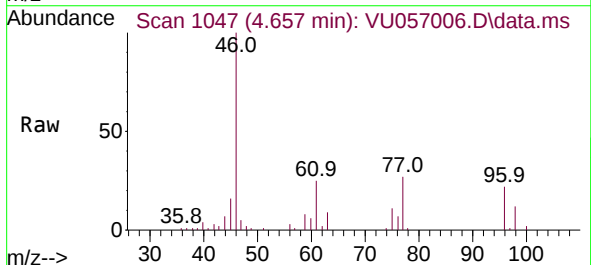


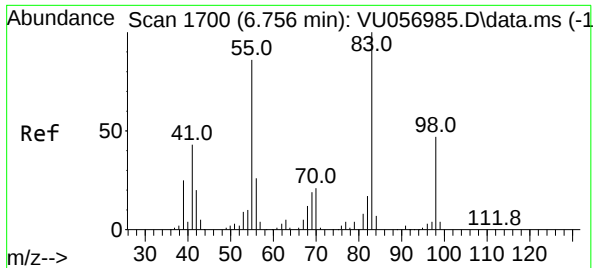
Tgt Ion: 84 Resp: 10149
Ion Ratio Lower Upper
84 100
86 59.0 43.6 81.0
49 111.9 80.6 149.6



#22
cis-1,2-Dichloroethene
Concen: 0.318 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU057006.D
Acq: 18 Dec 2023 20:24

Tgt Ion: 96 Resp: 7266
Ion Ratio Lower Upper
96 100
61 113.2 91.3 169.6
98 54.6 44.2 82.0





#35

Methylcyclohexane

Concen: 0.704 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU057006.D

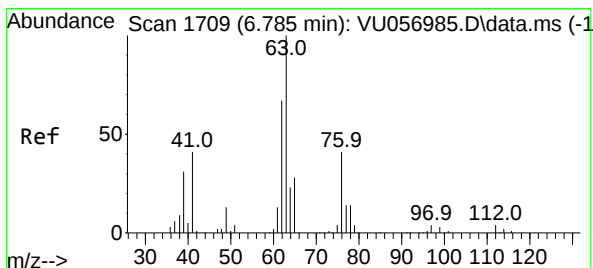
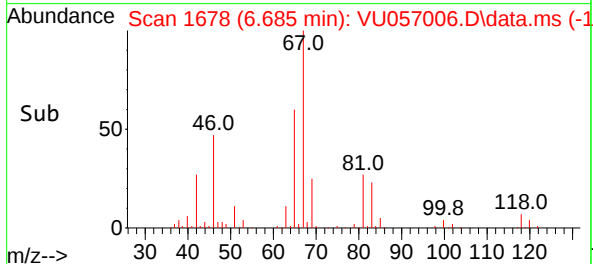
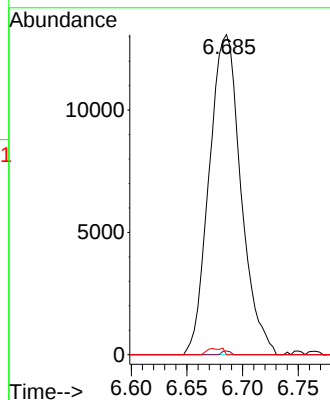
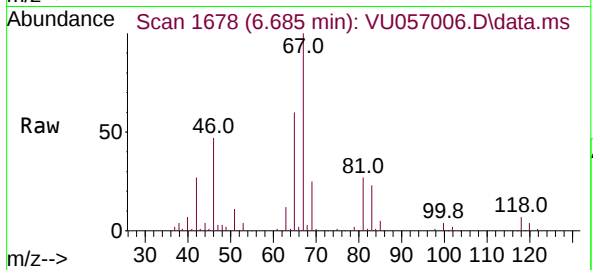
Acq: 18 Dec 2023 20:24

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	25984
Ion Ratio	Lower	Upper	
83	100		
55	0.3	64.6	97.0#
98	1.0	36.1	54.1#



#37

1,2-Dichloropropane

Concen: 0.518 ug/L

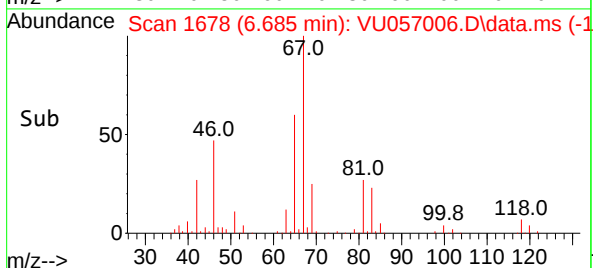
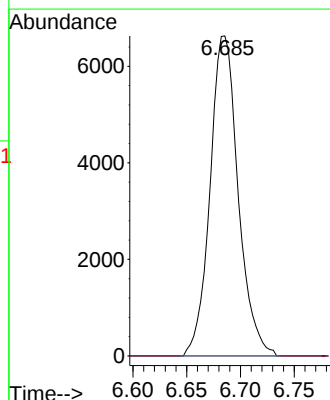
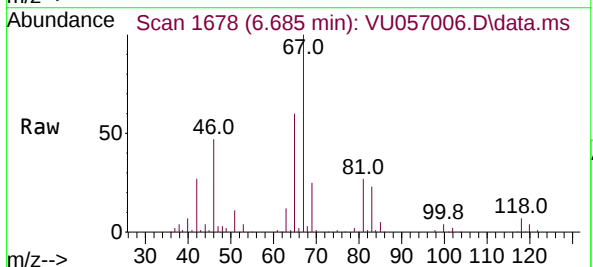
RT: 6.685 min Scan# 1678

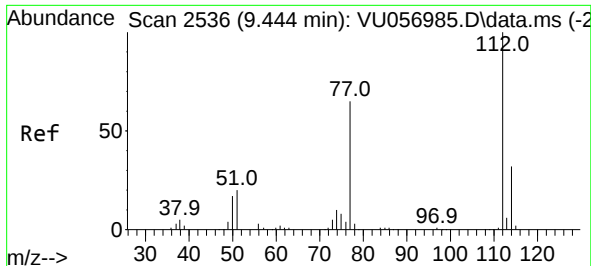
Delta R.T. -0.099 min

Lab File: VU057006.D

Acq: 18 Dec 2023 20:24

Tgt Ion:	63	Resp:	12078
Ion Ratio	Lower	Upper	
63	100		
112	0.5	3.3	4.9#

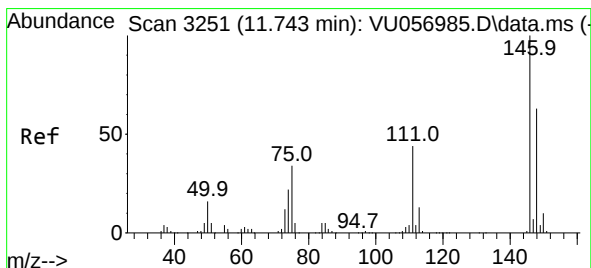
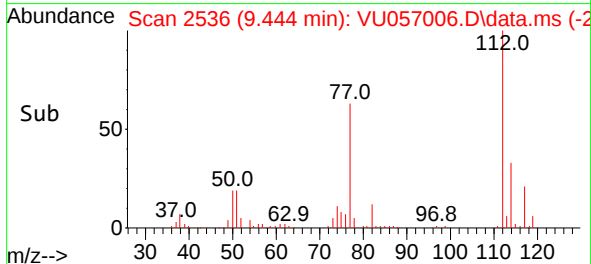
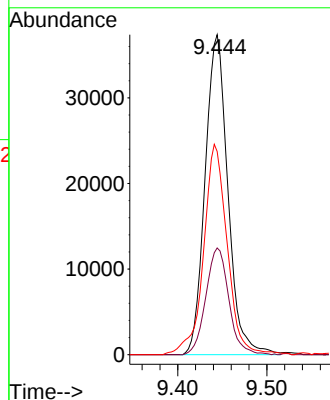
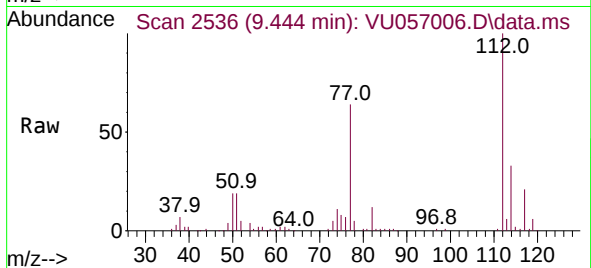




#51
Chlorobenzene
Concen: 1.103 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU057006.D
Acq: 18 Dec 2023 20:24

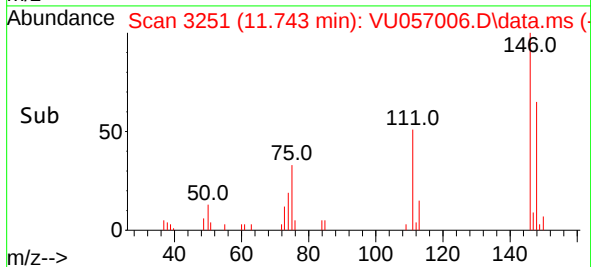
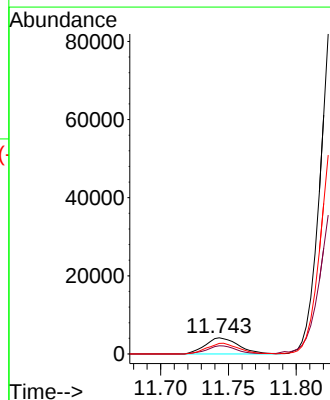
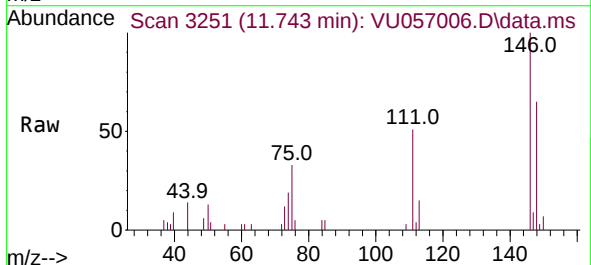
Instrument :
MSVOA_U
ClientSampleId :

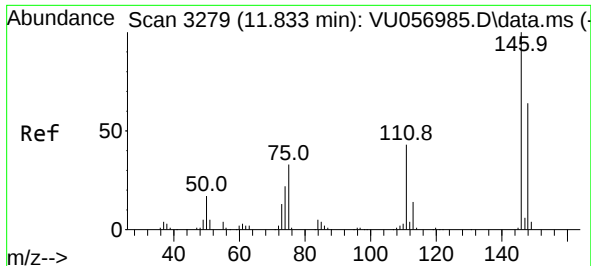
Tgt Ion:112 Resp: 66320
Ion Ratio Lower Upper
112 100
114 33.4 21.9 40.7
77 63.5 51.6 77.4



#64
1,3-Dichlorobenzene
Concen: 0.172 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VU057006.D
Acq: 18 Dec 2023 20:24

Tgt Ion:146 Resp: 7065
Ion Ratio Lower Upper
146 100
111 51.0 31.7 58.9
148 65.1 44.3 82.3

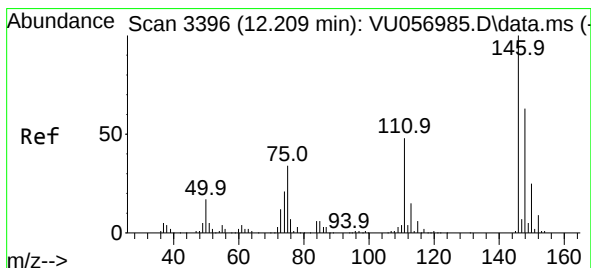
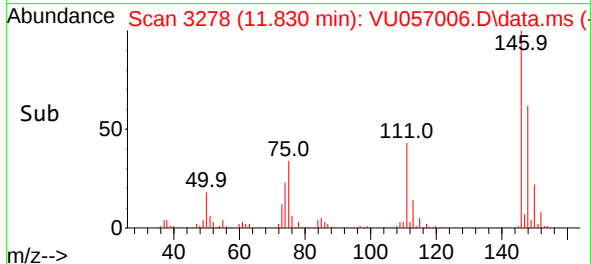
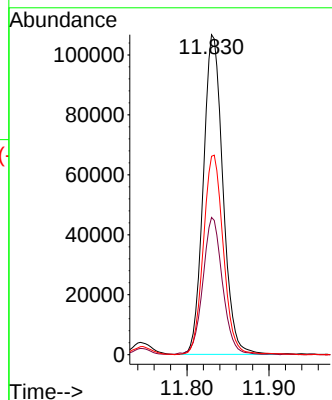
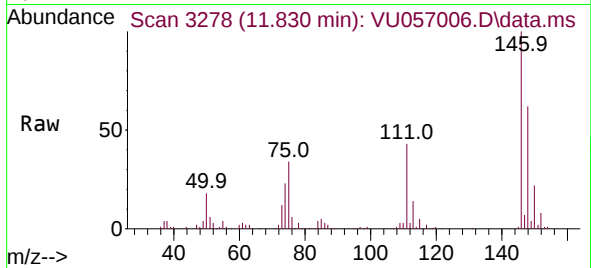




#65
1,4-Dichlorobenzene
Concen: 4.364 ug/L
RT: 11.830 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU057006.D
Acq: 18 Dec 2023 20:24

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:146 Resp: 176907
Ion Ratio Lower Upper
146 100
111 42.9 31.2 58.0
148 62.0 45.6 84.8



#67
1,2-Dichlorobenzene
Concen: 19.890 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. -0.003 min
Lab File: VU057006.D
Acq: 18 Dec 2023 20:24

Tgt Ion:146 Resp: 745951
Ion Ratio Lower Upper
146 100
111 46.3 36.9 55.3
148 63.6 53.0 79.4

