

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056888.D
 Acq On : 15 Dec 2023 18:49
 Operator : MD/SY
 Sample : 05864-09DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E06J5DL

Quant Time: Dec 15 22:27:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

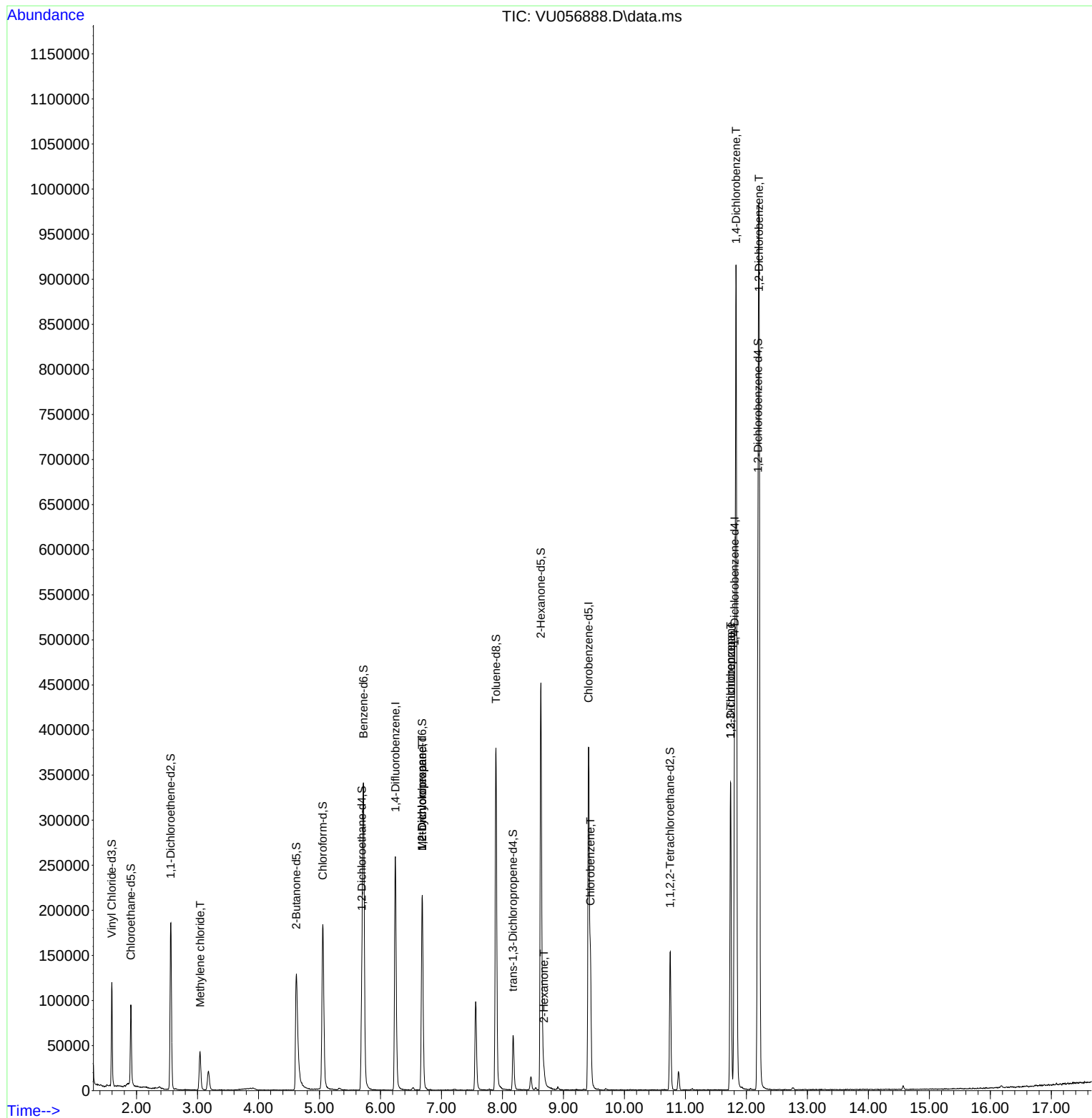
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	213670	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	219684	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	99816	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	81292	4.438	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.907	69	65904	4.809	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.560	65	35744	4.561	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.200%
20) 2-Butanone-d5	4.621	46	190375	52.634	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.260%
24) Chloroform-d	5.055	84	174312	5.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.695	65	86071	5.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.721	84	329021	4.829	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.685	67	106073	4.974	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.894	98	262336	4.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.174	79	37522	4.537	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.630	63	154534	49.539	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.080%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	79911	5.179	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	105566	5.380	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						
16) Methylene chloride	3.042	84	21319	1.128	ug/L	99
35) Methylcyclohexane	6.685	83	26180	0.838	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	11914	0.603	ug/L #	88
48) 2-Hexanone	8.682	43	5285	0.791	ug/L #	83
51) Chlorobenzene	9.444	112	75655	1.486	ug/L	98
61) 1,2,3-Trichloropropane	11.743	75	45258	4.223	ug/L #	50
64) 1,3-Dichlorobenzene	11.743	146	137401	3.683	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	347716	9.466	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	359947	10.592	ug/L	98

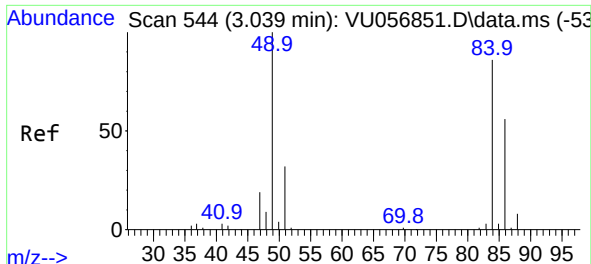
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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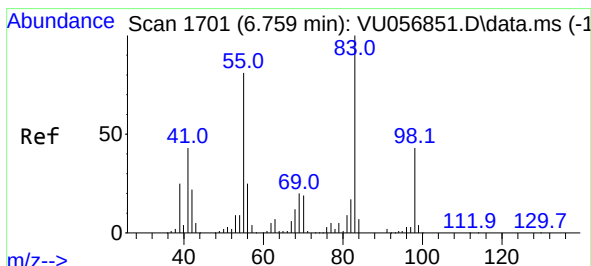
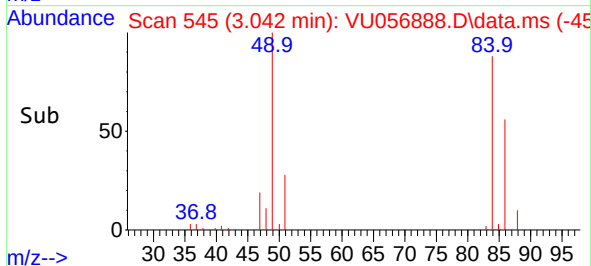
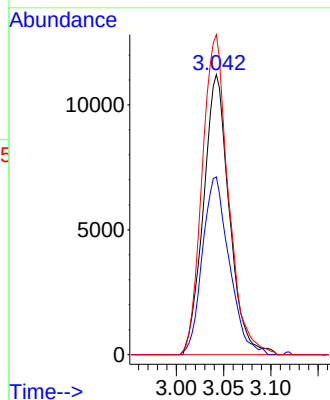
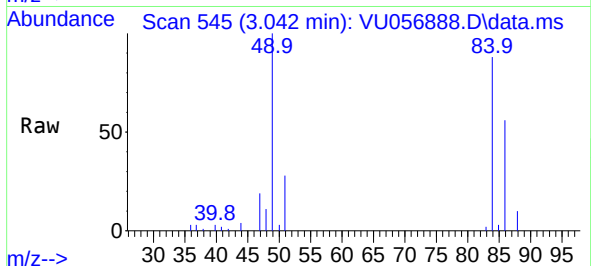




#16
Methylene chloride
Concen: 1.128 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU056888.D
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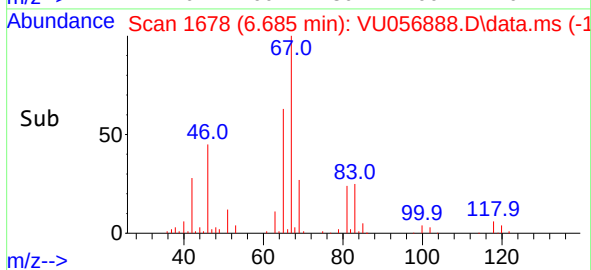
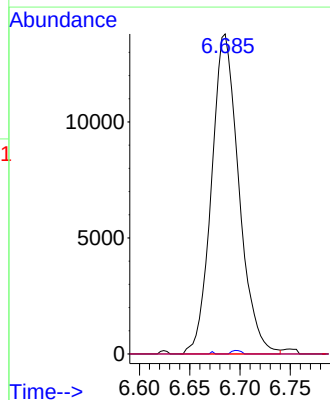
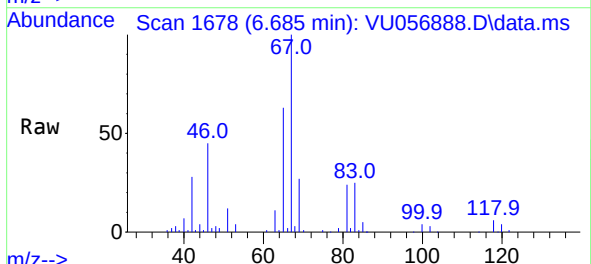
Instrument :
MSVOA_U
ClientSampleId :
E06J5DL

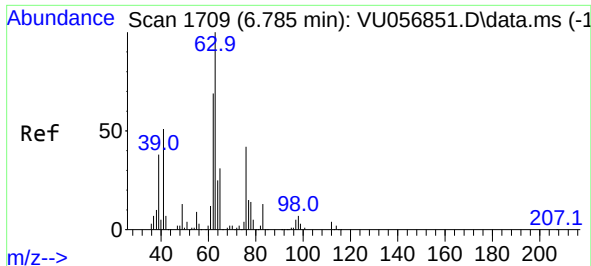
Tgt Ion: 84 Resp: 21319
Ion Ratio Lower Upper
84 100
86 63.4 43.6 81.0
49 114.2 80.6 149.6



#35
Methylcyclohexane
Concen: 0.838 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056888.D
Acq: 15 Dec 2023 18:49

Tgt Ion: 83 Resp: 26180
Ion Ratio Lower Upper
83 100
55 0.4 64.6 97.0#
98 0.0 36.1 54.1#

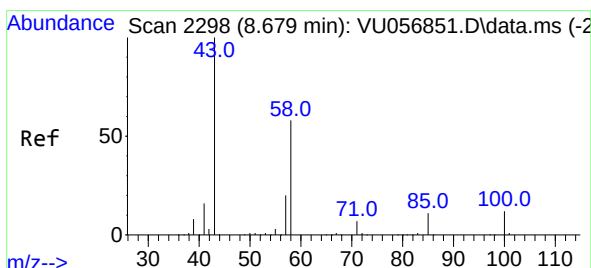
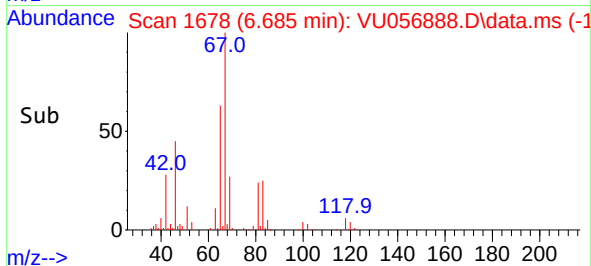
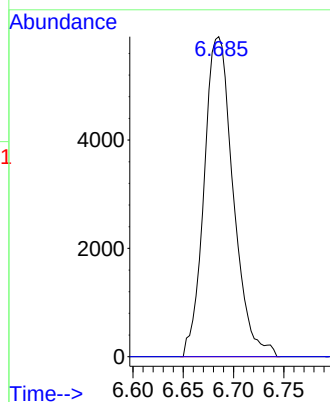
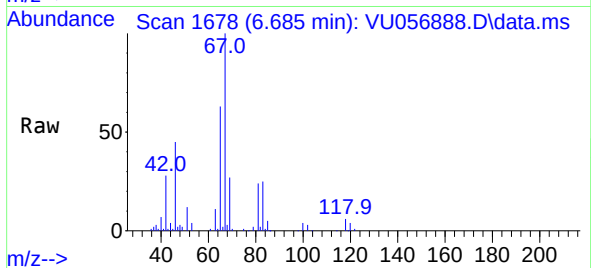




#37
1,2-Dichloropropane
Concen: 0.603 ug/L
RT: 6.685 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU056888.D
Acq: 15 Dec 2023 18:49

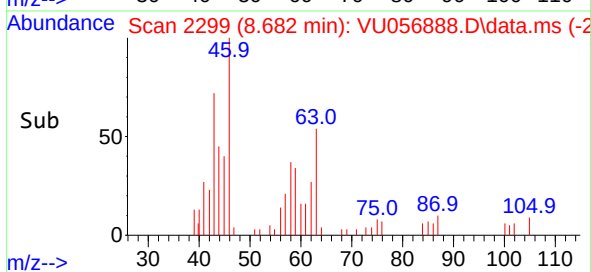
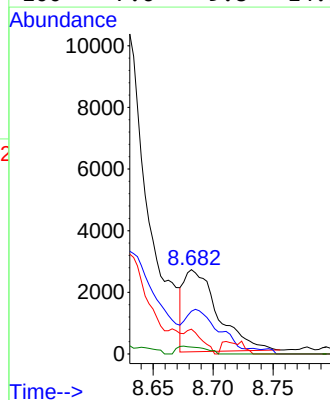
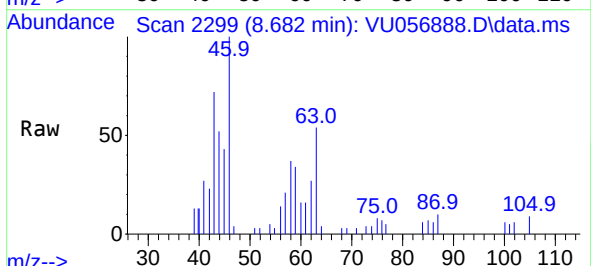
Instrument :
MSVOA_U
ClientSampleId :
E06J5DL

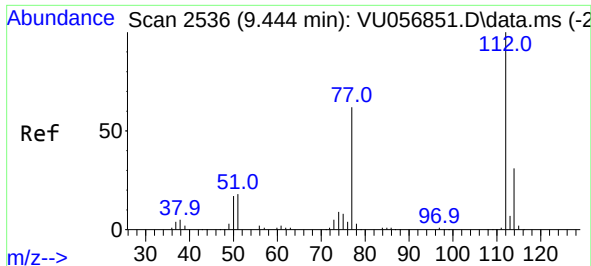
Tgt Ion: 63 Resp: 11914
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#48
2-Hexanone
Concen: 0.791 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU056888.D
Acq: 15 Dec 2023 18:49

Tgt Ion: 43 Resp: 5285
Ion Ratio Lower Upper
43 100
58 45.5 47.5 71.3#
57 13.7 17.0 25.4#
100 7.6 9.8 14.8#

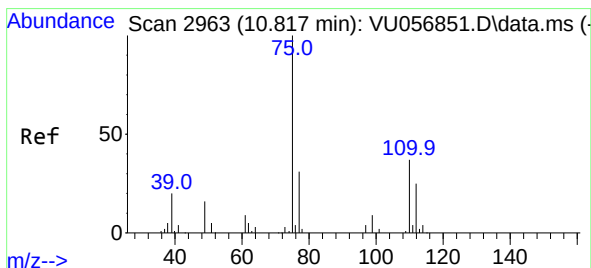
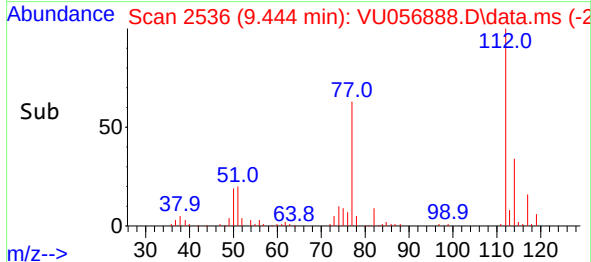
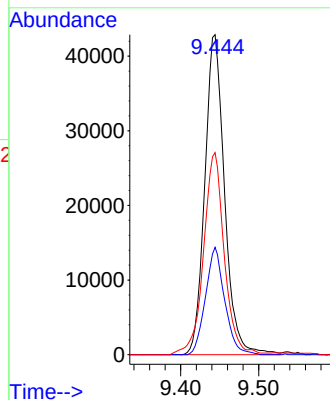
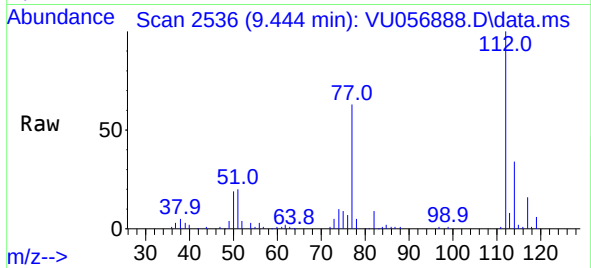




#51
Chlorobenzene
Concen: 1.486 ug/L
RT: 9.444 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056888.D
Acq: 15 Dec 2023 18:49

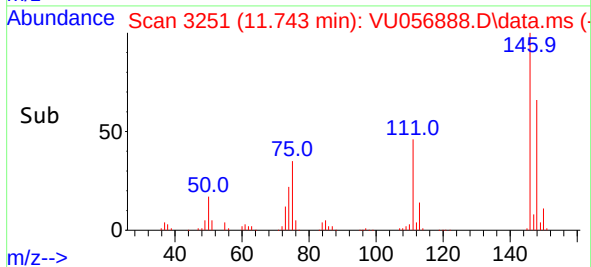
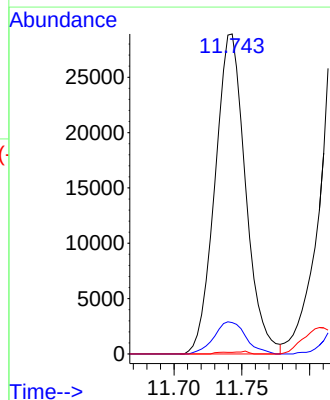
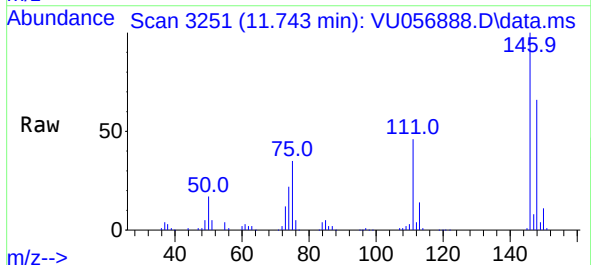
Instrument :
MSVOA_U
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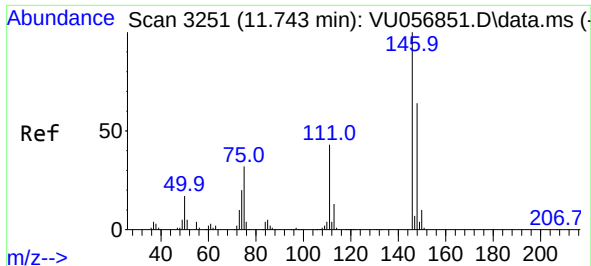
Tgt Ion:	112	Resp:	75655
Ion	Ratio	Lower	Upper
112	100		
114	33.6	21.9	40.7
77	63.2	51.6	77.4



#61
1,2,3-Trichloropropane
Concen: 4.223 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. 0.926 min
Lab File: VU056888.D
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Tgt Ion:	75	Resp:	45258
Ion	Ratio	Lower	Upper
75	100		
110	10.4	28.4	42.6#
77	0.0	26.3	39.5#



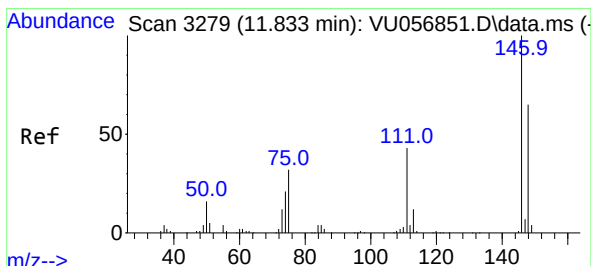
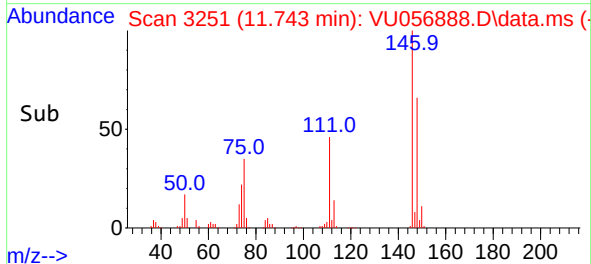
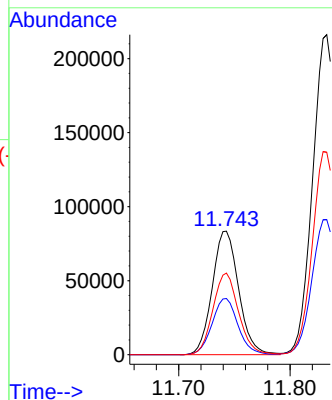
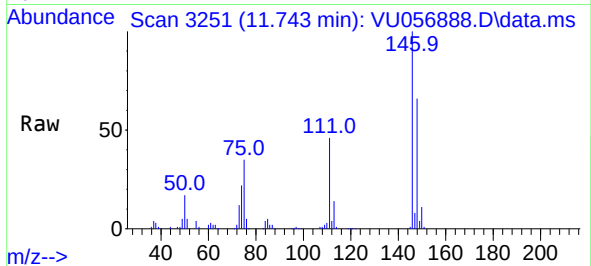


#64
1,3-Dichlorobenzene
Concen: 3.683 ug/L
RT: 11.743 min Scan# 3251
Delta R.T. -0.000 min
Lab File: VU056888.D
Acq: 15 Dec 2023 18:49

Instrument :
MSVOA_U
ClientSampleId :
E06J5DL

Tgt Ion:146 Resp: 137401

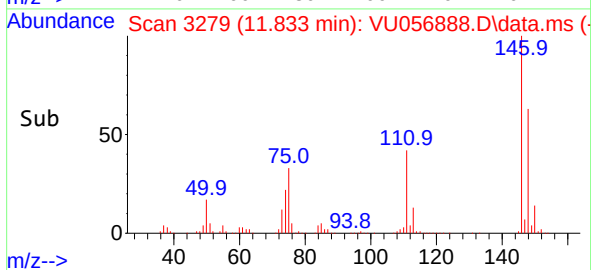
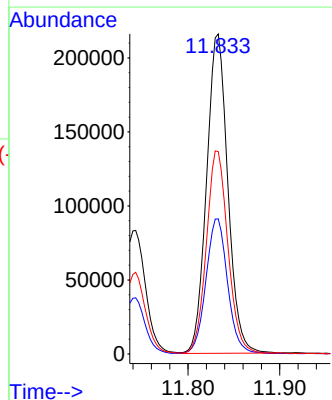
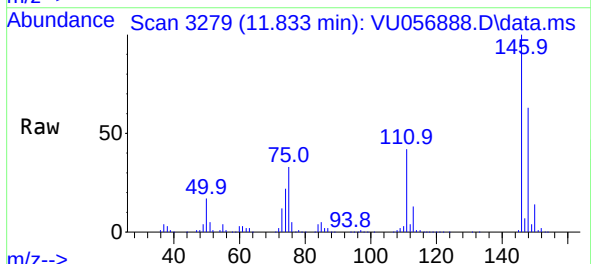
Ion	Ratio	Lower	Upper
146	100		
111	45.5	31.7	58.9
148	66.1	44.3	82.3

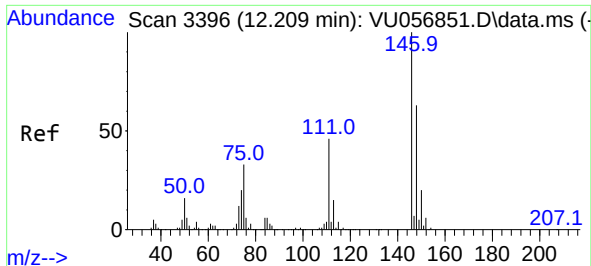


#65
1,4-Dichlorobenzene
Concen: 9.466 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. -0.000 min
Lab File: VU056888.D
Acq: 15 Dec 2023 18:49

Tgt Ion:146 Resp: 347716

Ion	Ratio	Lower	Upper
146	100		
111	42.2	31.2	58.0
148	63.3	45.6	84.8





#67

1,2-Dichlorobenzene

Concen: 10.592 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU056888.D

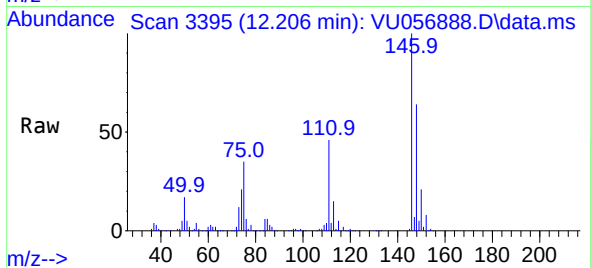
Acq: 15 Dec 2023 18:49

Instrument :

MSVOA_U

ClientSampleId :

E06J5DL



Tgt Ion:146 Resp: 359947

Ion Ratio Lower Upper

146 100

111 46.1 36.9 55.3

148 63.8 53.0 79.4

