

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056881.D
 Acq On : 15 Dec 2023 15:58
 Operator : MD/SY
 Sample : 05684-09 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E06J5

Quant Time: Dec 15 22:26:16 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)

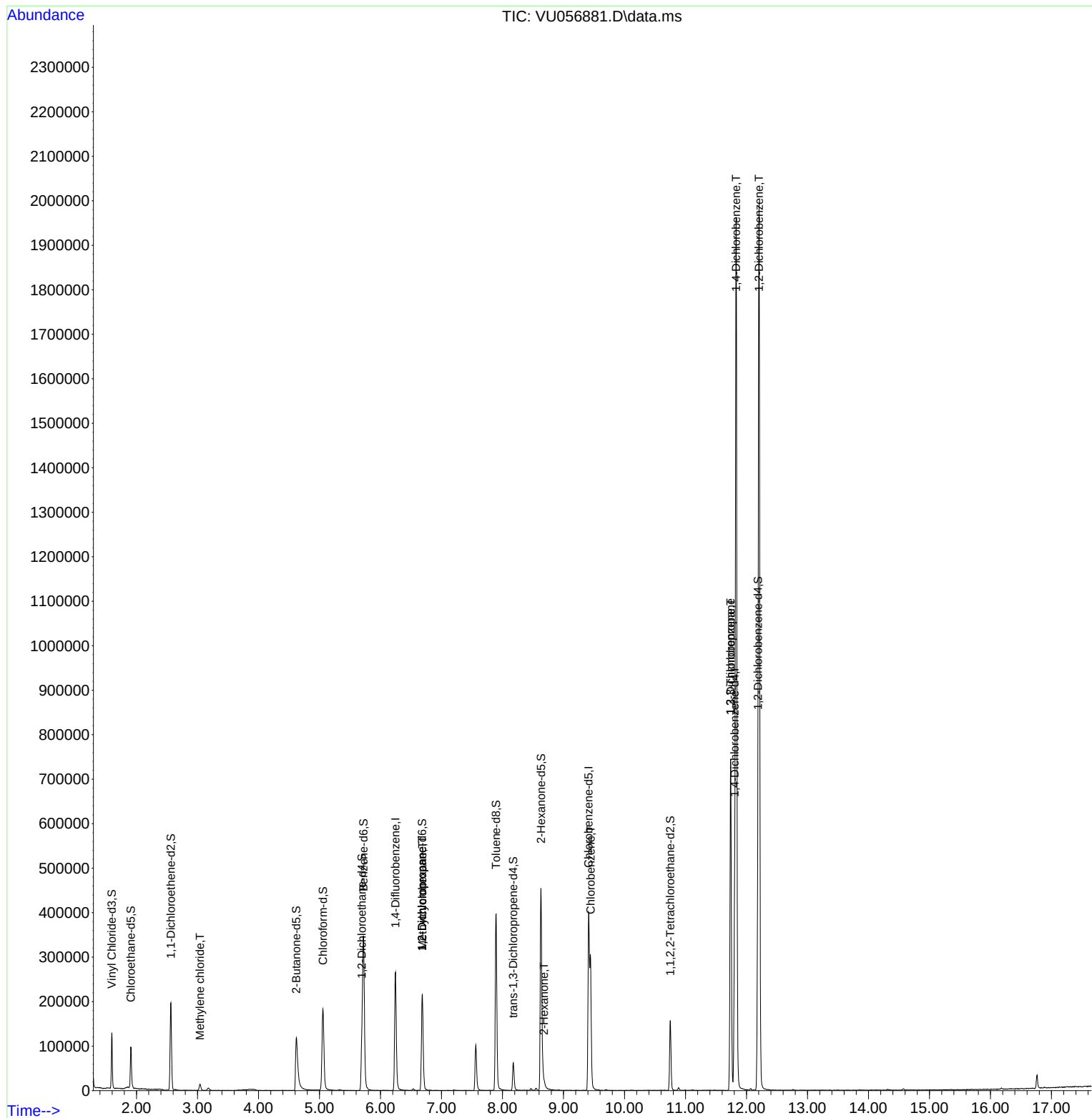
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	212757	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	220402	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	100372	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	86403	4.738	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.907	69	68304	5.005	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.563	65	38433	4.926	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.600%
20) 2-Butanone-d5	4.621	46	189842	52.712	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.420%
24) Chloroform-d	5.055	84	178050	5.156	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.695	65	88057	5.388	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	5.721	84	339164	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.682	67	106883	4.995	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.894	98	269145	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.177	79	37753	4.550	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.631	63	153990	49.204	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.400%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	78104	5.045	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	105816	5.363	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.200%
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	7136	0.379	ug/L	91
35) Methylcyclohexane	6.685	83	25358	0.809	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	10987	0.554	ug/L #	88
48) 2-Hexanone	8.682	43	4490	0.670	ug/L #	80
51) Chlorobenzene	9.444	112	156315	3.060	ug/L	98
61) 1,2,3-Trichloropropane	11.740	75	102165	9.480	ug/L #	49
64) 1,3-Dichlorobenzene	11.740	146	300698	8.016	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	756791	20.488	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	755357	22.104	ug/L	99

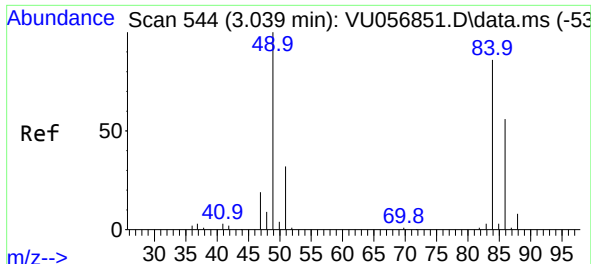
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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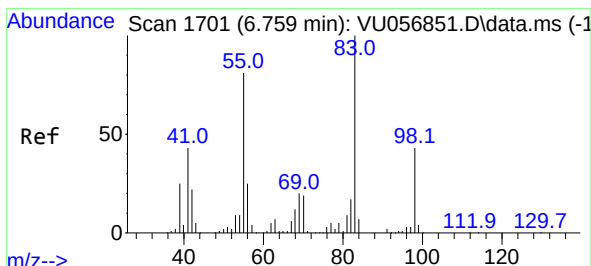
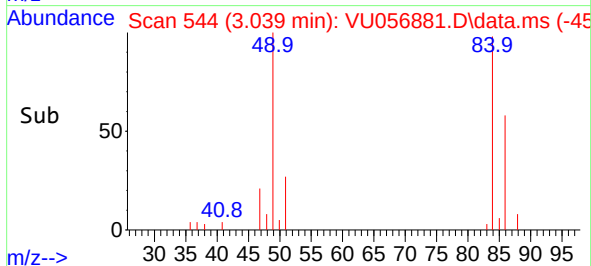
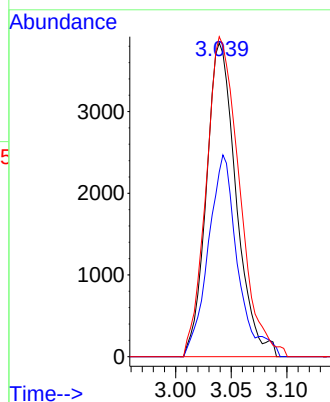
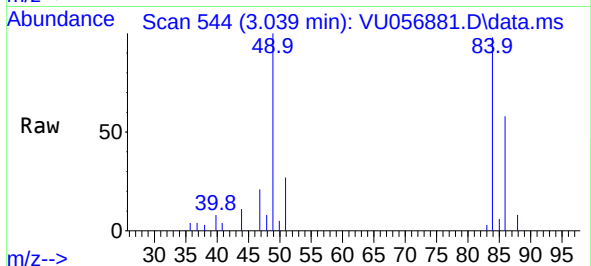




#16
Methylene chloride
Concen: 0.379 ug/L
RT: 3.039 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU056881.D
Acq: 15 Dec 2023 15:58

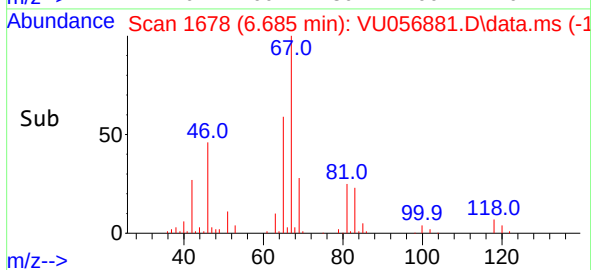
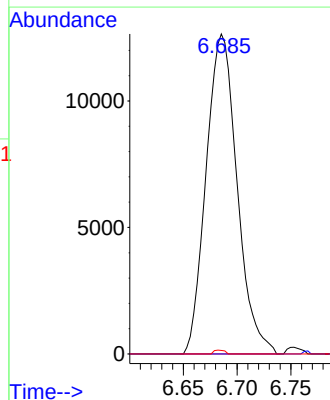
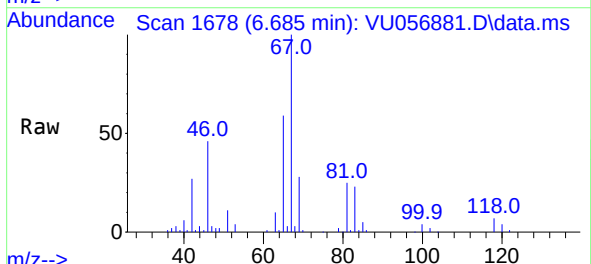
Instrument :
MSVOA_U
ClientSampleId :
E06J5

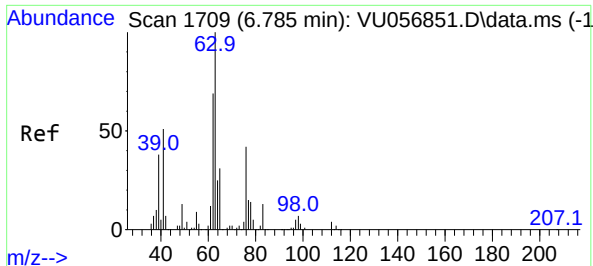
Tgt Ion:	84	Resp:	7136
Ion	Ratio	Lower	Upper
84	100		
86	58.8	43.6	81.0
49	102.0	80.6	149.6



#35
Methylcyclohexane
Concen: 0.809 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056881.D
Acq: 15 Dec 2023 15:58

Tgt Ion:	83	Resp:	25358
Ion	Ratio	Lower	Upper
83	100		
55	0.2	64.6	97.0#
98	0.4	36.1	54.1#

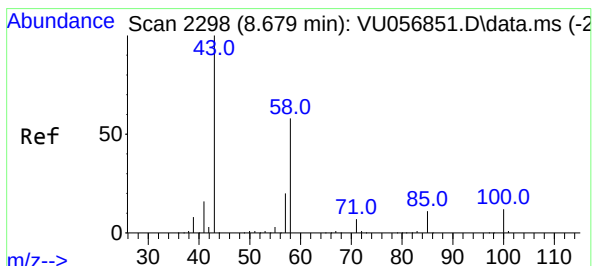
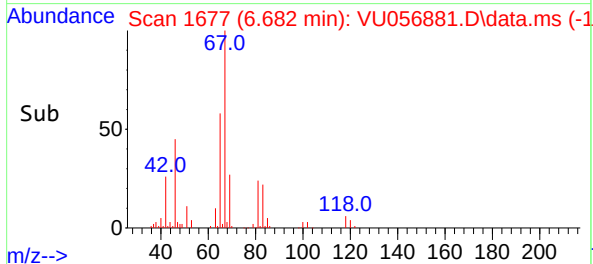
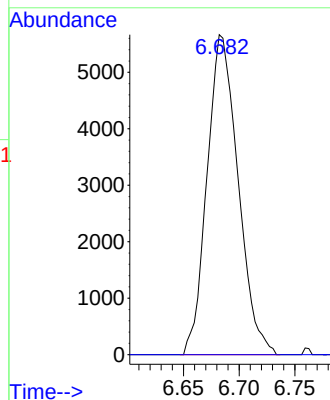
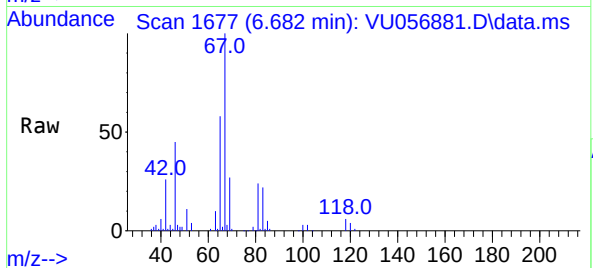




#37
1,2-Dichloropropane
Concen: 0.554 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU056881.D
Acq: 15 Dec 2023 15:58

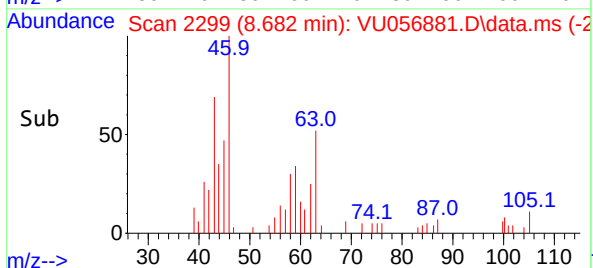
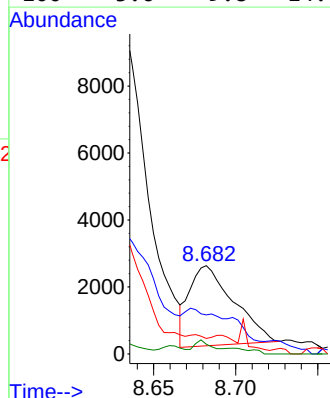
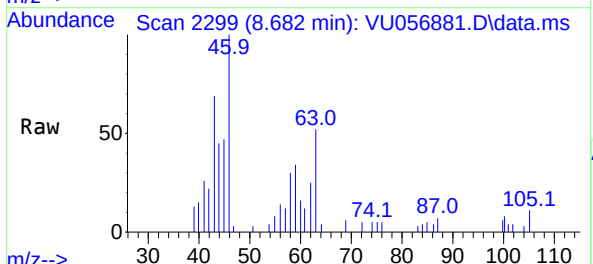
Instrument :
MSVOA_U
ClientSampleId :
E06J5

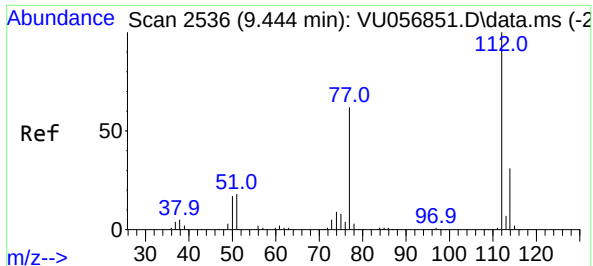
Tgt Ion: 63 Resp: 10987
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#48
2-Hexanone
Concen: 0.670 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU056881.D
Acq: 15 Dec 2023 15:58

Tgt Ion: 43 Resp: 4490
Ion Ratio Lower Upper
43 100
58 45.7 47.5 71.3#
57 10.2 17.0 25.4#
100 3.6 9.8 14.8#

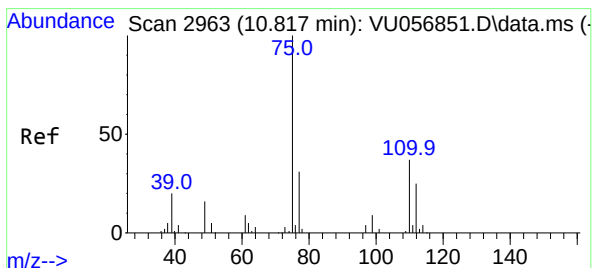
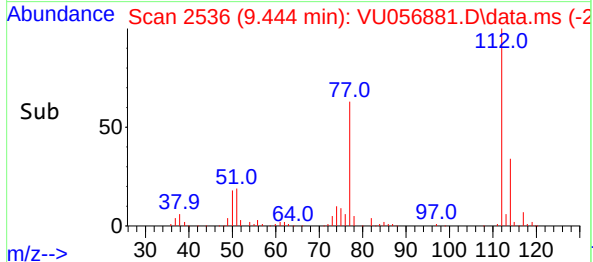
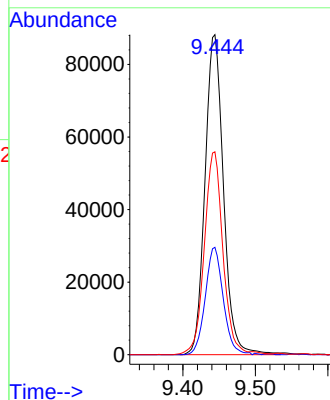
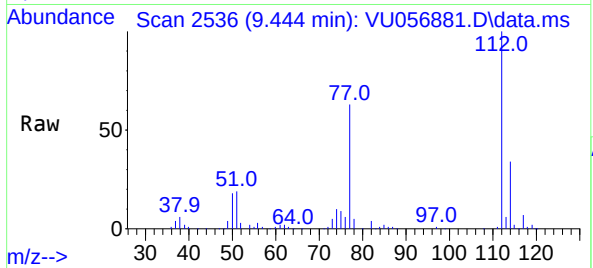




#51
Chlorobenzene
Concen: 3.060 ug/L
RT: 9.444 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056881.D
Acq: 15 Dec 2023 15:58

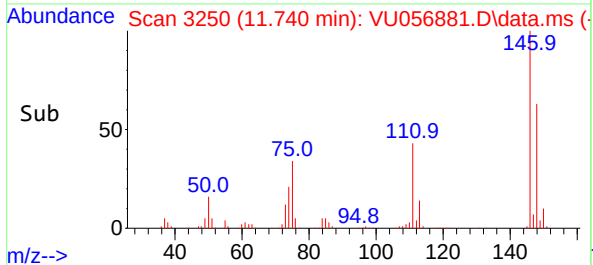
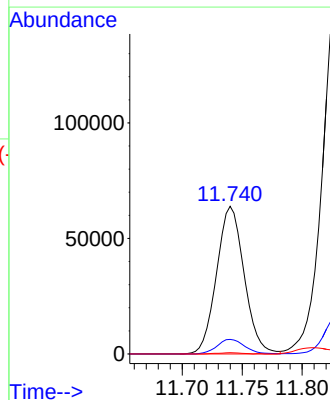
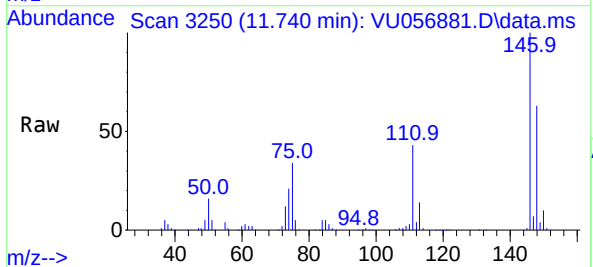
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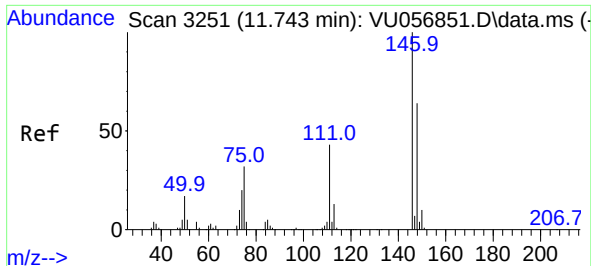
Tgt Ion:112 Resp: 156315
Ion Ratio Lower Upper
112 100
114 33.6 21.9 40.7
77 63.4 51.6 77.4



#61
1,2,3-Trichloropropane
Concen: 9.480 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.923 min
Lab File: VU056881.D
Acq: 15 Dec 2023 15:58

Tgt Ion: 75 Resp: 102165
Ion Ratio Lower Upper
75 100
110 9.9 28.4 42.6#
77 0.0 26.3 39.5#

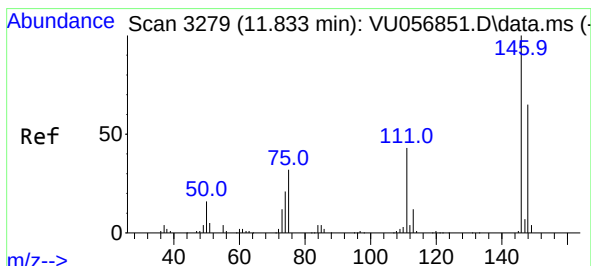
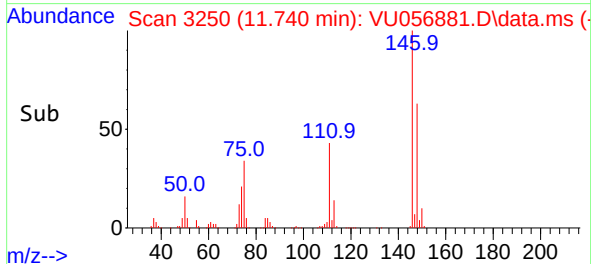
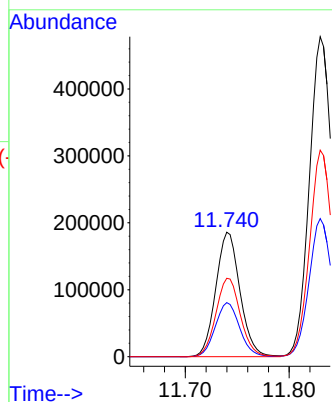
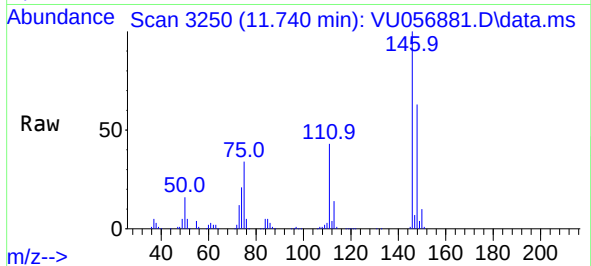




#64
1,3-Dichlorobenzene
Concen: 8.016 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU056881.D
Acq: 15 Dec 2023 15:58

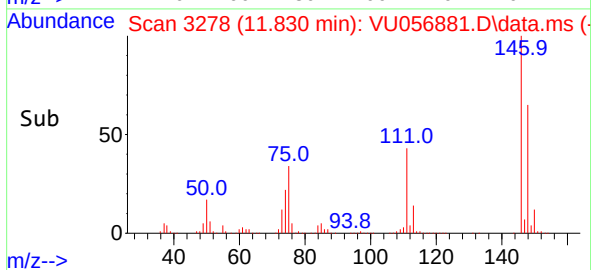
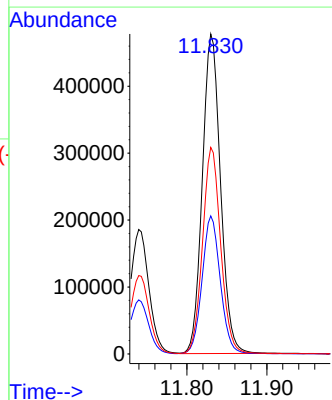
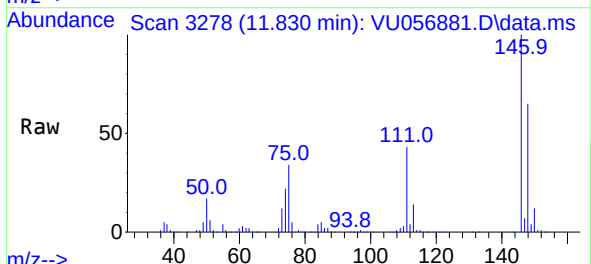
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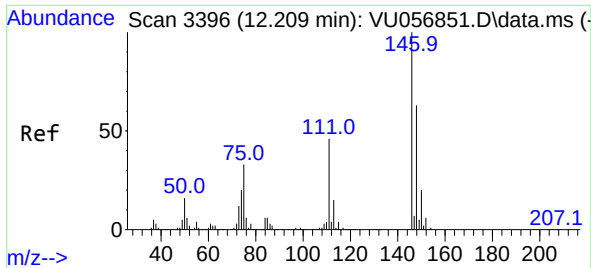
Tgt Ion:146 Resp: 300698
Ion Ratio Lower Upper
146 100
111 43.4 31.7 58.9
148 62.9 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 20.488 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU056881.D
Acq: 15 Dec 2023 15:58

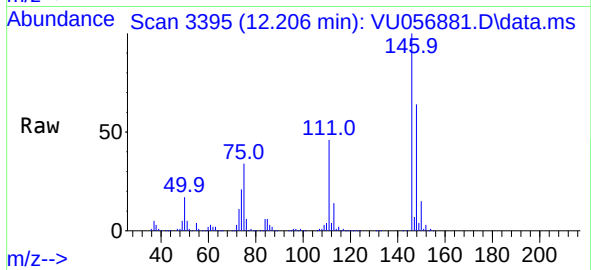
Tgt Ion:146 Resp: 756791
Ion Ratio Lower Upper
146 100
111 43.1 31.2 58.0
148 64.6 45.6 84.8





#67
1,2-Dichlorobenzene
Concen: 22.104 ug/L
RT: 12.206 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU056881.D
Acq: 15 Dec 2023 15:58

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:	146	Resp:	755357
Ion	Ratio	Lower	Upper
146	100		
111	46.4	36.9	55.3
148	64.5	53.0	79.4

