

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
 Data File : VU052297.D
 Acq On : 09 Dec 2022 13:26
 Operator : JC/MD
 Sample : N5916-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 23:11:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

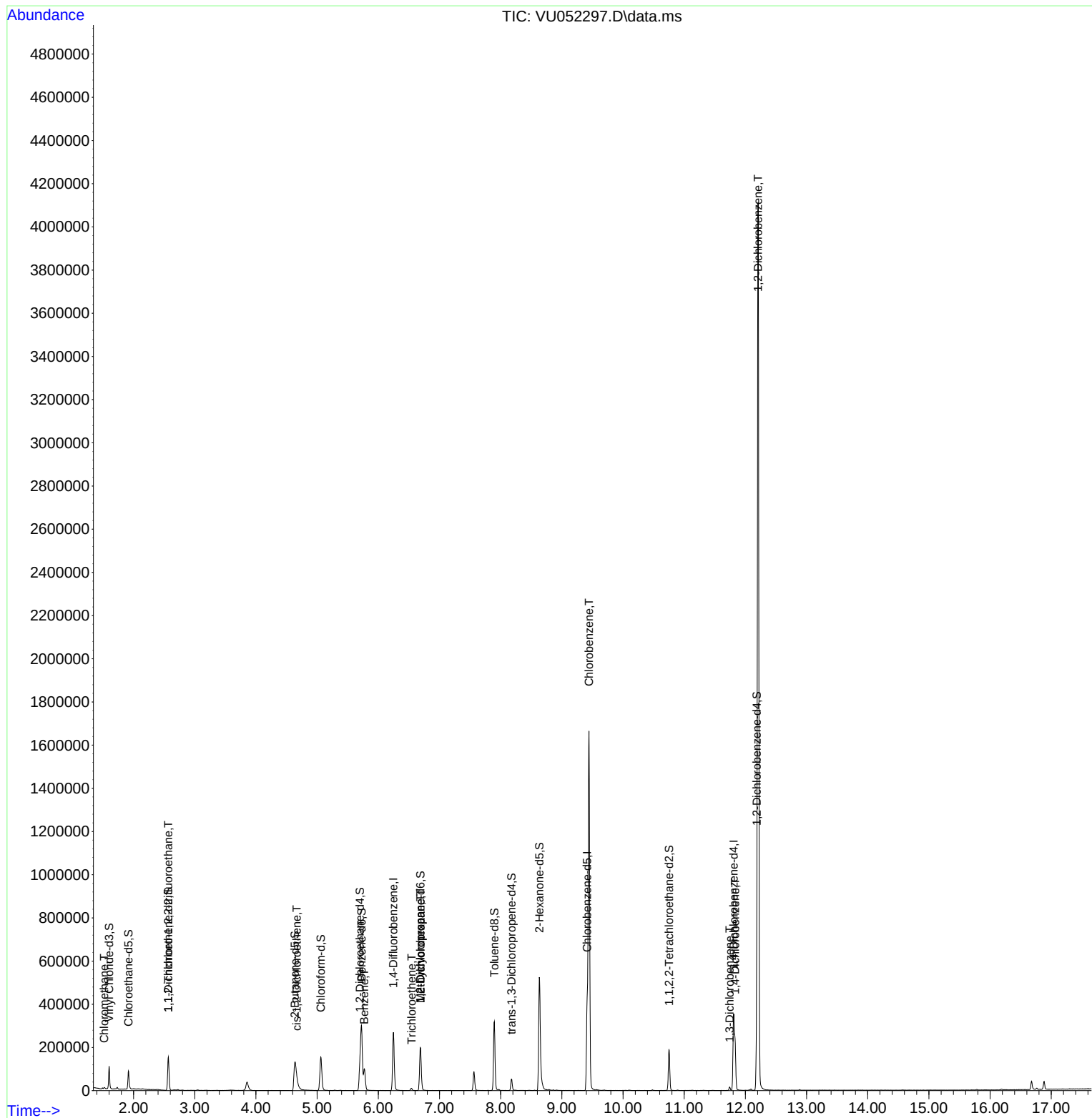
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	222295	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	225432	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	93018	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	71086	3.288	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.800%
7) Chloroethane-d5	1.916	69	66415	3.955	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.568	65	28739	3.708	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.200%
20) 2-Butanone-d5	4.636	46	257961	65.817	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.640%#
24) Chloroform-d	5.060	84	151118	4.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.700	65	81878	5.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.726	84	294316	4.398	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.687	67	102916	4.969	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.896	98	222548	3.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.600%
43) trans-1,3-Dichloroprop...	8.179	79	31563	4.182	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.632	63	180522	56.437	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.880%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	97036	5.404	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	94134	5.286	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	3957	0.157	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1006	0.062	ug/L #	20
22) cis-1,2-Dichloroethene	4.668	96	2375	0.131	ug/L	95
33) Benzene	5.771	78	99666	1.358	ug/L	100
34) Trichloroethene	6.546	95	3586	0.196	ug/L	94
35) Methylcyclohexane	6.687	83	23325	0.886	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	10103	0.532	ug/L #	88
51) Chlorobenzene	9.443	112	917912	19.078	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	6812	0.228	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	88542	2.976	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	1663761	57.911	ug/L	99

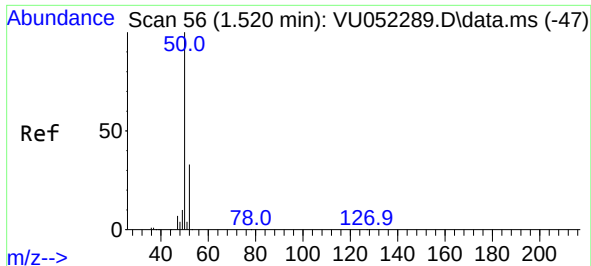
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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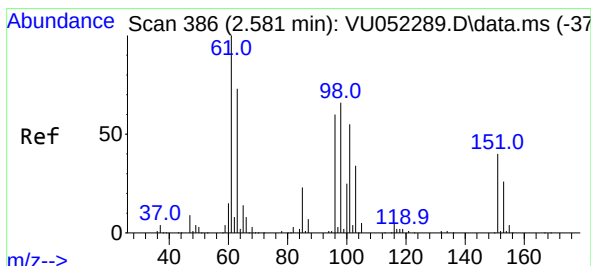
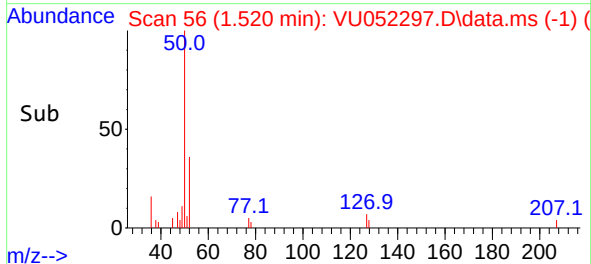
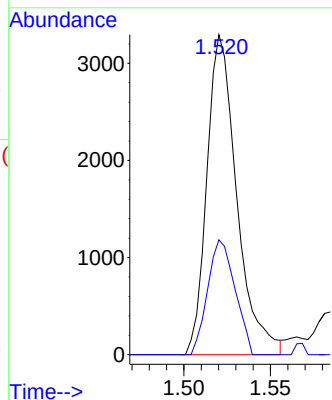
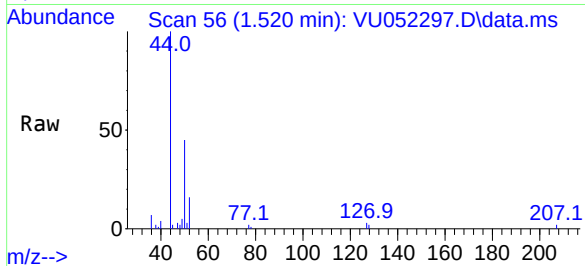




#3
Chloromethane
Concen: 0.157 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052297.D
Acq: 09 Dec 2022 13:26

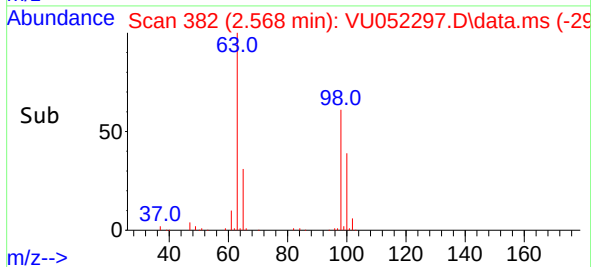
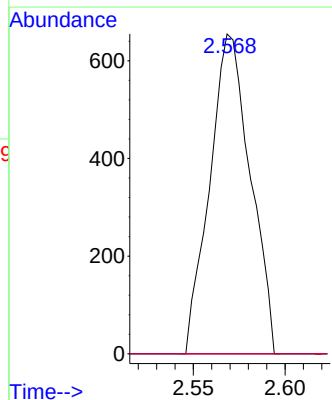
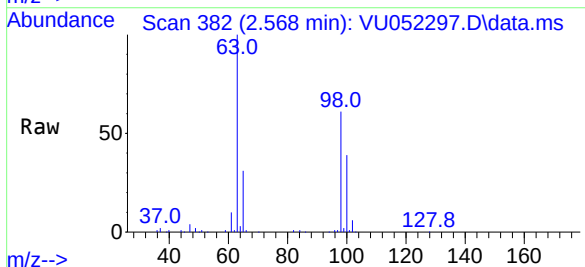
Instrument :
MSVOA_U
ClientSampleId :

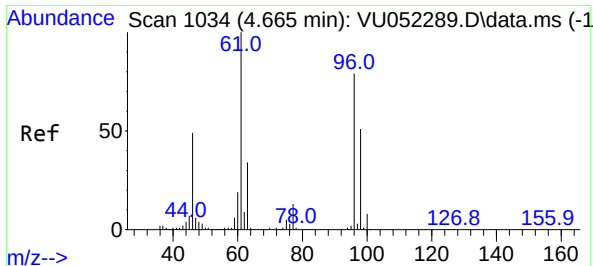
Tgt Ion: 50 Resp: 3957
Ion Ratio Lower Upper
50 100
52 35.9 23.4 43.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.062 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU052297.D
Acq: 09 Dec 2022 13:26

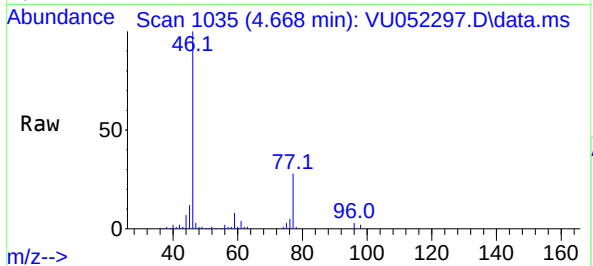
Tgt Ion: 101 Resp: 1006
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



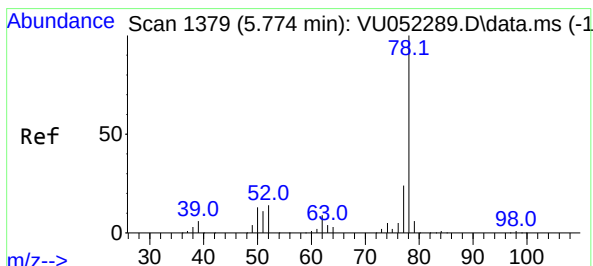
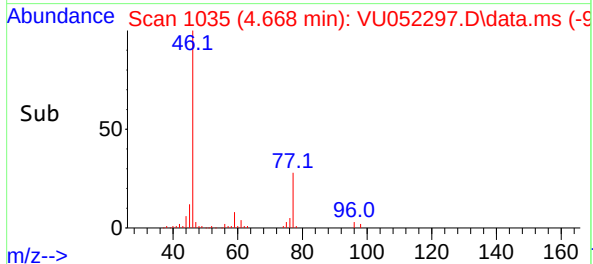
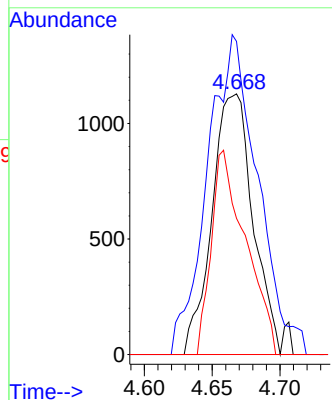


#22
 cis-1,2-Dichloroethene
 Concen: 0.131 ug/L
 RT: 4.668 min Scan# 1034
 Delta R.T. 0.003 min
 Lab File: VU052297.D
 Acq: 09 Dec 2022 13:26

Instrument :
 MSVOA_U
 ClientSampleId :

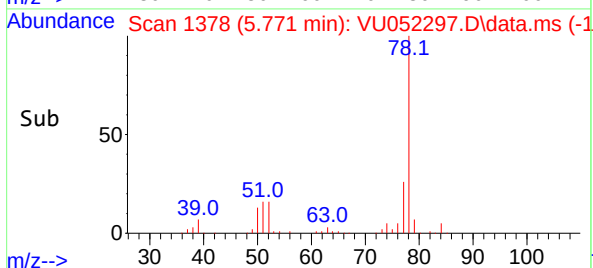
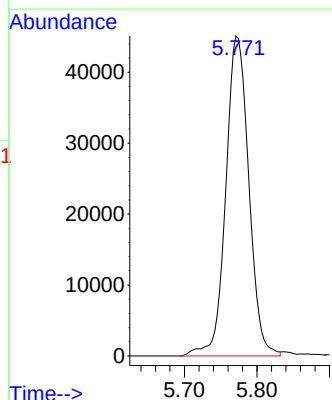
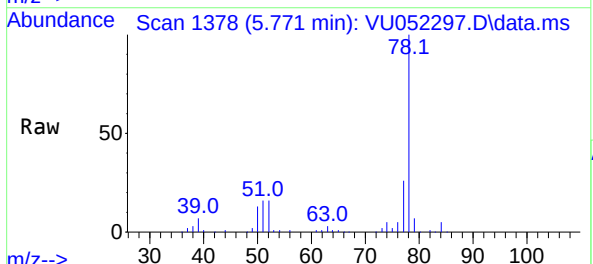


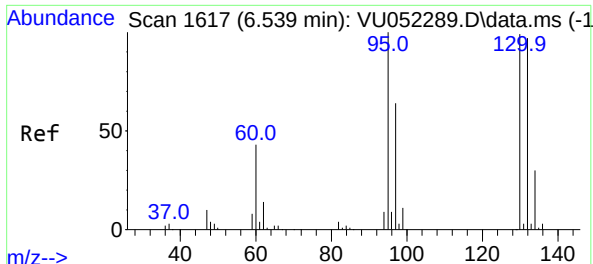
Tgt Ion: 96 Resp: 2375
 Ion Ratio Lower Upper
 96 100
 61 120.1 85.1 158.1
 98 52.2 42.8 79.6



#33
 Benzene
 Concen: 1.358 ug/L
 RT: 5.771 min Scan# 1378
 Delta R.T. -0.003 min
 Lab File: VU052297.D
 Acq: 09 Dec 2022 13:26

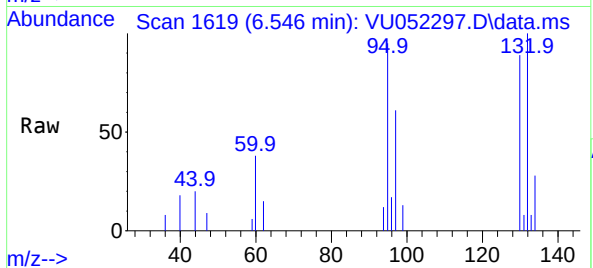
Tgt Ion: 78 Resp: 99666





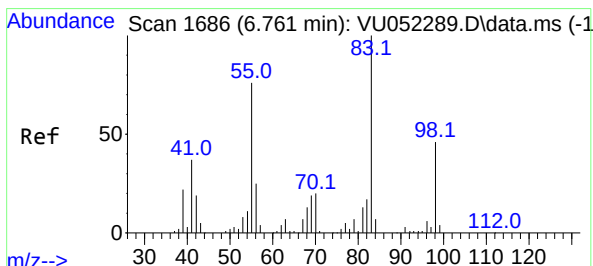
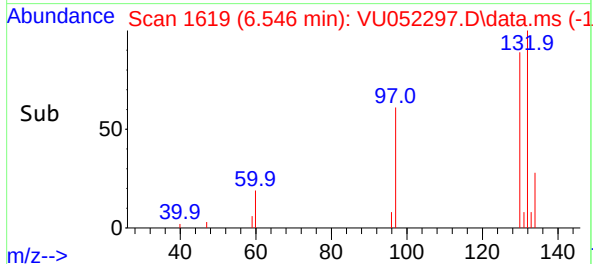
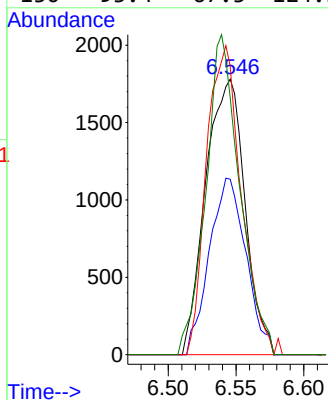
#34
Trichloroethene
Concen: 0.196 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU052297.D
Acq: 09 Dec 2022 13:26

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 3586

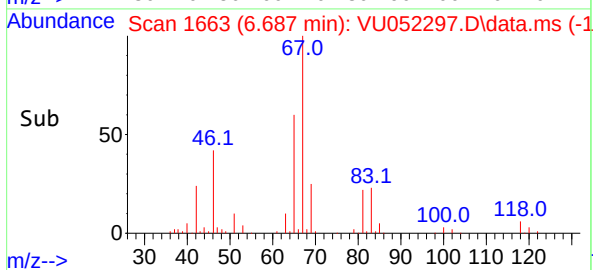
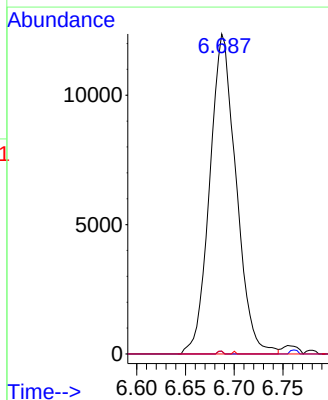
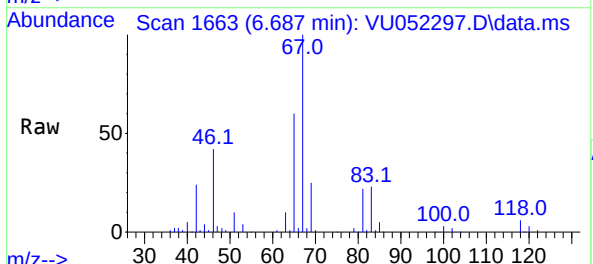
Ion	Ratio	Lower	Upper
95	100		
97	63.7	43.7	81.1
132	104.7	64.3	119.3
130	93.4	67.3	124.9

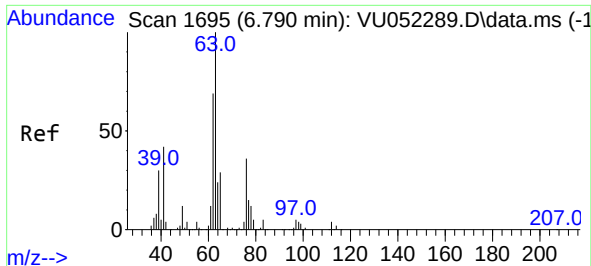


#35
Methylcyclohexane
Concen: 0.886 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052297.D
Acq: 09 Dec 2022 13:26

Tgt Ion: 83 Resp: 23325

Ion	Ratio	Lower	Upper
83	100		
55	0.2	60.8	91.2#
98	0.2	35.1	52.7#

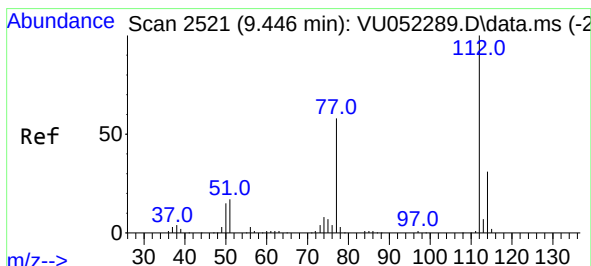
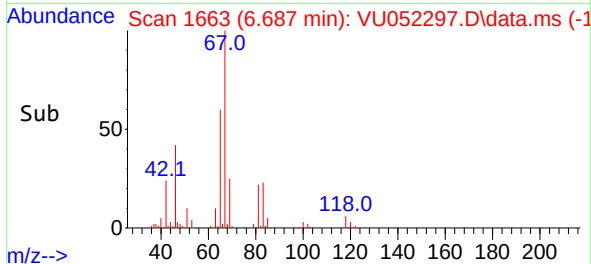
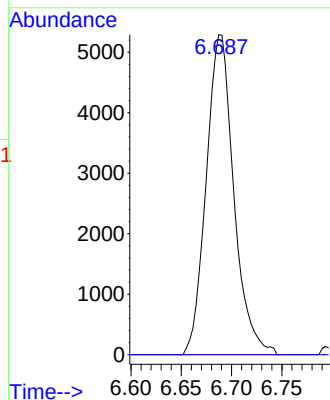
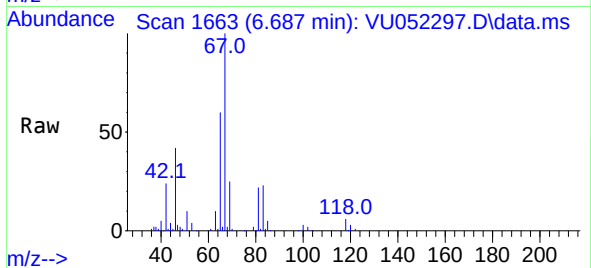




#37
1,2-Dichloropropane
Concen: 0.532 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU052297.D
Acq: 09 Dec 2022 13:26

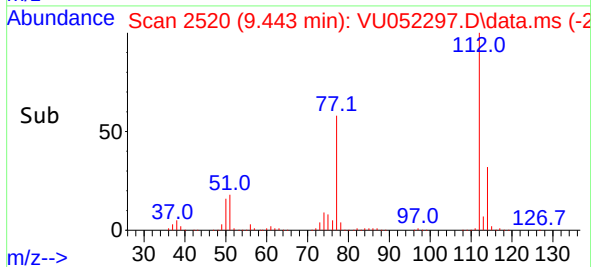
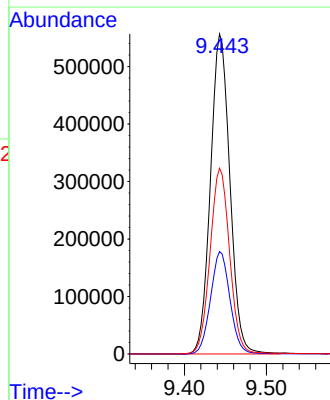
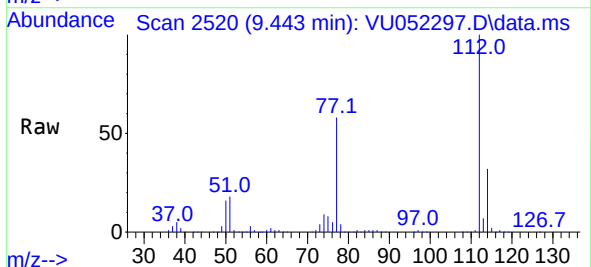
Instrument :
MSVOA_U
ClientSampleId :

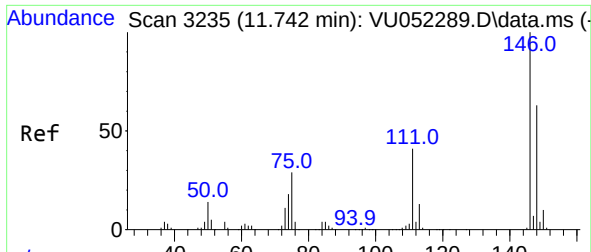
Tgt Ion: 63 Resp: 10103
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#51
Chlorobenzene
Concen: 19.078 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.003 min
Lab File: VU052297.D
Acq: 09 Dec 2022 13:26

Tgt Ion: 112 Resp: 917912
Ion Ratio Lower Upper
112 100
114 32.0 22.2 41.2
77 58.0 46.6 70.0





#64

1,3-Dichlorobenzene

Concen: 0.228 ug/L

RT: 11.742 min Scan# 3235

Delta R.T. 0.000 min

Lab File: VU052297.D

Acq: 09 Dec 2022 13:26

Instrument :

MSVOA_U

ClientSampleId :

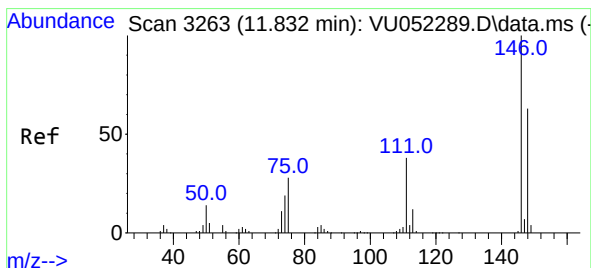
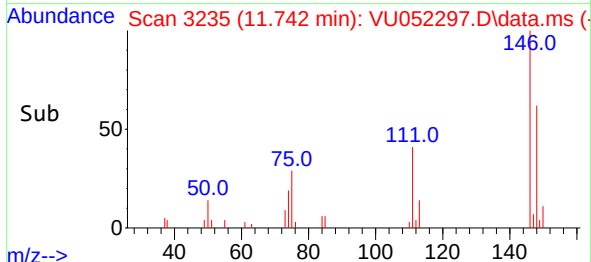
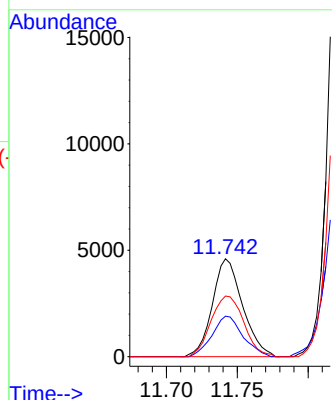
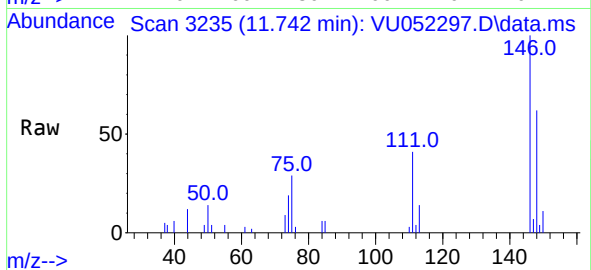
Tgt Ion:146 Resp: 6812

Ion Ratio Lower Upper

146 100

111 41.4 28.6 53.2

148 61.8 45.4 84.2



#65

1,4-Dichlorobenzene

Concen: 2.976 ug/L

RT: 11.832 min Scan# 3263

Delta R.T. 0.000 min

Lab File: VU052297.D

Acq: 09 Dec 2022 13:26

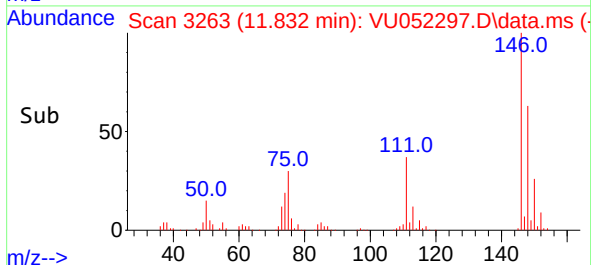
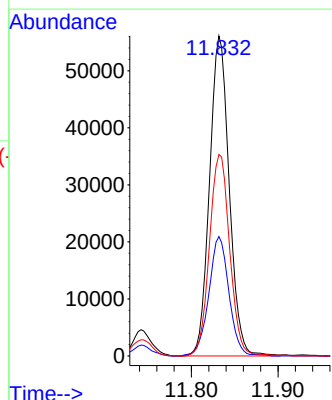
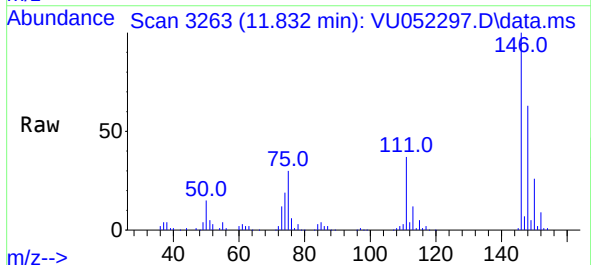
Tgt Ion:146 Resp: 88542

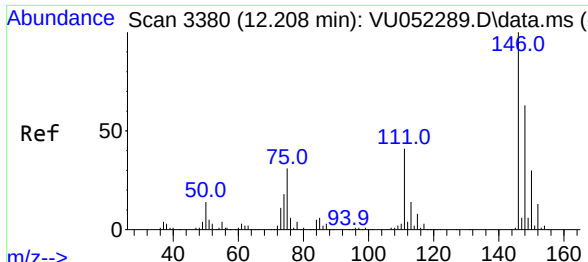
Ion Ratio Lower Upper

146 100

111 37.3 26.9 50.1

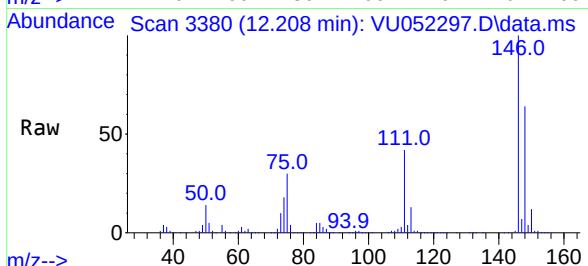
148 63.0 45.1 83.7





#67
1,2-Dichlorobenzene
Concen: 57.911 ug/L
RT: 12.208 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU052297.D
Acq: 09 Dec 2022 13:26

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:146 Resp: 1663761
Ion Ratio Lower Upper
146 100
111 42.1 32.7 49.1
148 63.5 50.6 75.8

