

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112223\
 Data File : VU056579.D
 Acq On : 22 Nov 2023 11:21
 Operator : MD/SY
 Sample : 05441-17
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 03:41:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 22 00:29:26 2023
 Response via : Initial Calibration

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

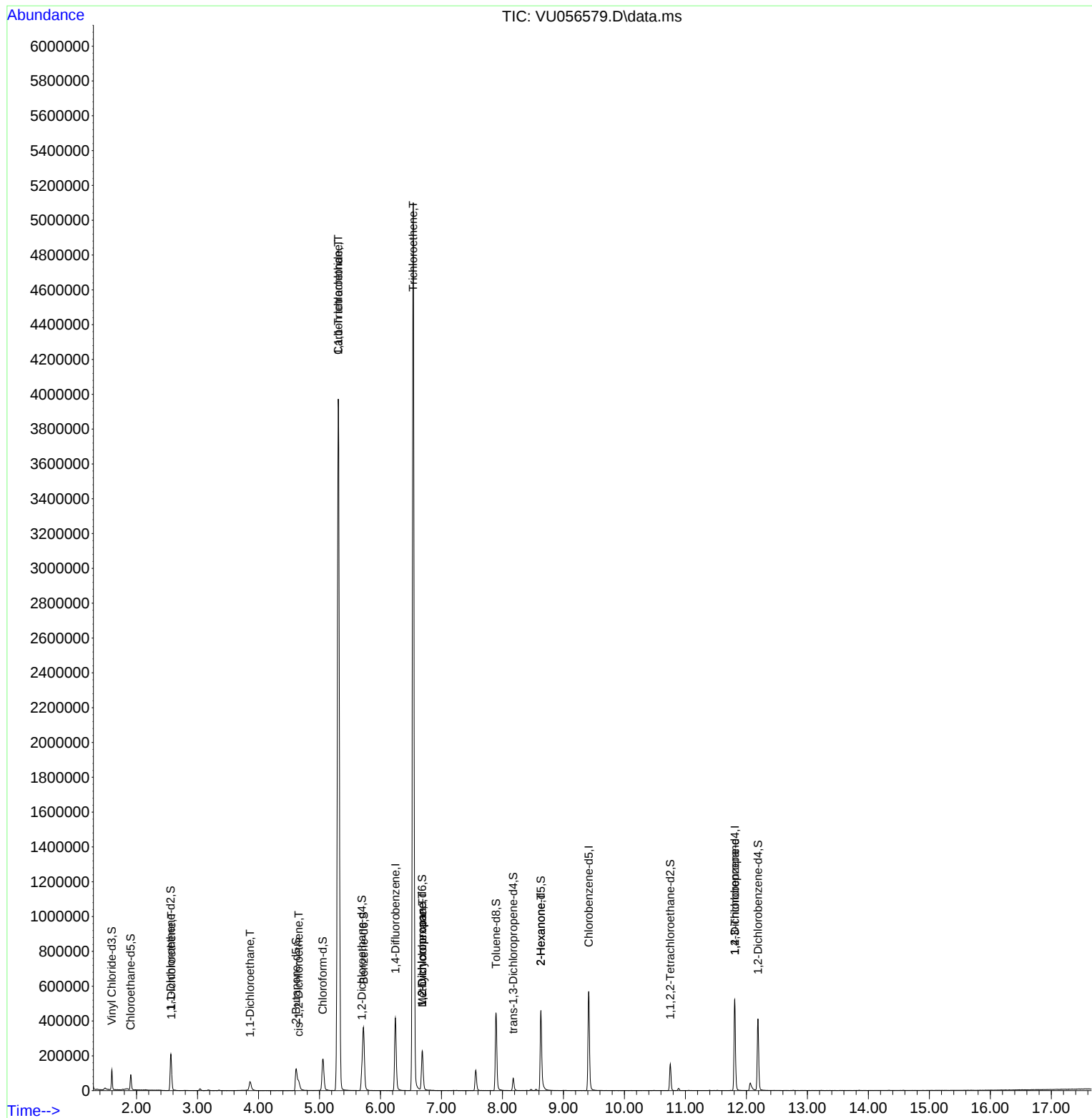
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	342282	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	331417	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	142334	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	79006	3.086	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.800%
7) Chloroethane-d5	1.904	69	66999	3.413	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.200%
11) 1,1-Dichloroethene-d2	2.560	65	37081	3.282	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	4.618	46	190198	37.257	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.520%
24) Chloroform-d	5.055	84	179372	3.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.400%
26) 1,2-Dichloroethane-d4	5.695	65	88352	3.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
32) Benzene-d6	5.724	84	349217	3.537	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.800%
36) 1,2-Dichloropropane-d6	6.685	67	111533	3.748	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.000%
41) Toluene-d8	7.894	98	311715	3.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.400%
43) trans-1,3-Dichloroprop...	8.177	79	42363	3.712	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.200%
46) 2-Hexanone-d5	8.631	63	155422	34.651	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.300%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	78769	3.704	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	108176	4.114	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	12721	0.607	ug/L #	1
19) 1,1-Dichloroethane	3.862	63	57410	1.344	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	18304	0.749	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	2999523	78.846	ug/L	99
31) Carbon tetrachloride	5.309	117	371186	11.360	ug/L	98
34) Trichloroethene	6.537	95	1811374	70.303	ug/L	99
35) Methylcyclohexane	6.688	83	25137	0.676	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	11736	0.476	ug/L #	89
48) 2-Hexanone	8.631	43	19808	2.080	ug/L #	70
61) 1,2,3-Trichloropropane	11.810	75	17127	1.402	ug/L #	67

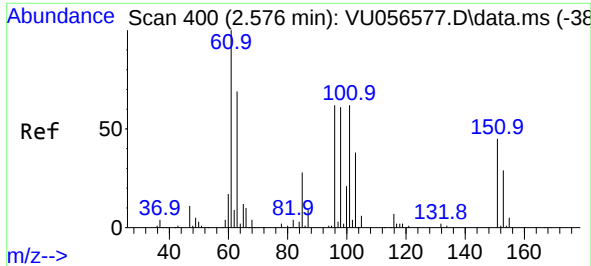
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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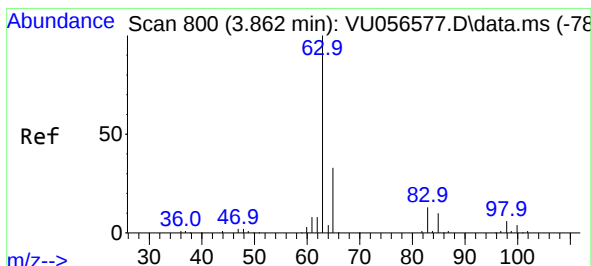
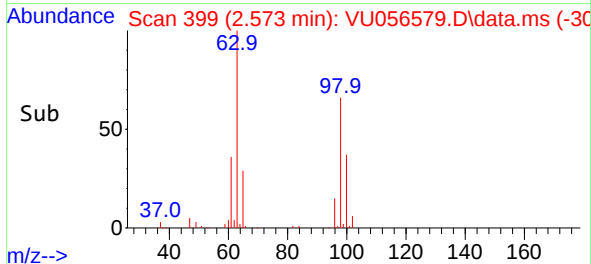
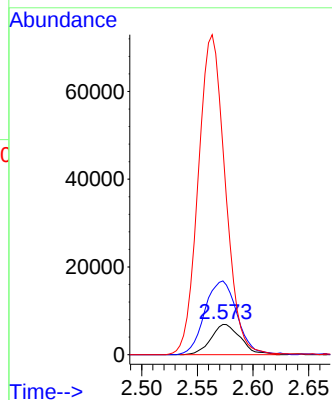
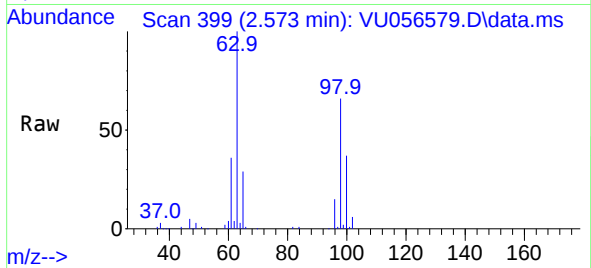




#12
1,1-Dichloroethene
Concen: 0.607 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU056579.D
Acq: 22 Nov 2023 11:21

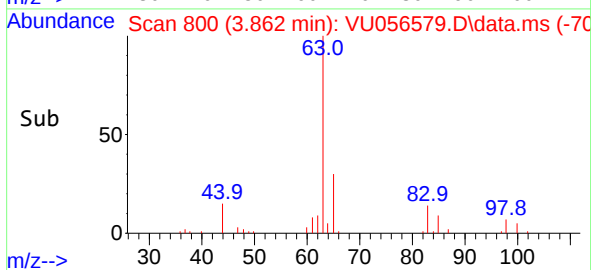
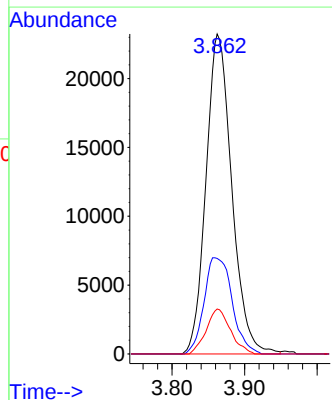
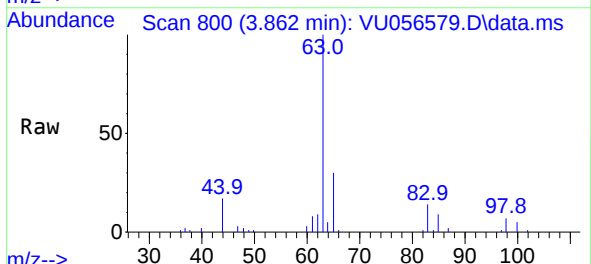
Instrument :
MSVOA_U
ClientSampleId :

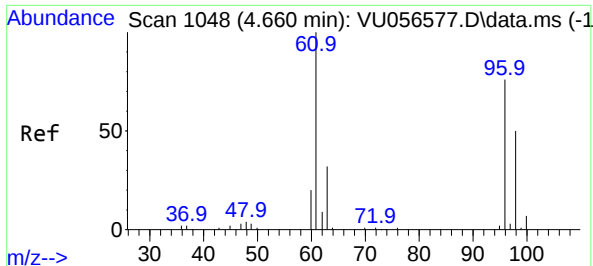
Tgt Ion: 96 Resp: 12721
Ion Ratio Lower Upper
96 100
61 243.9 123.1 228.7#
63 683.7 93.3 173.3#



#19
1,1-Dichloroethane
Concen: 1.344 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU056579.D
Acq: 22 Nov 2023 11:21

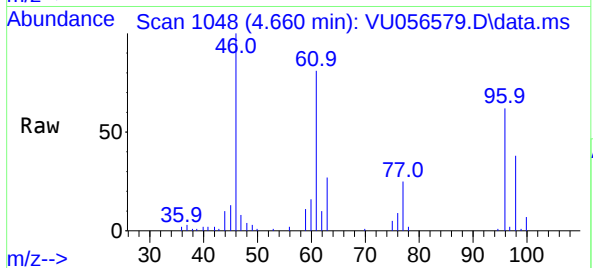
Tgt Ion: 63 Resp: 57410
Ion Ratio Lower Upper
63 100
65 29.8 21.8 40.6
83 14.1 9.7 17.9



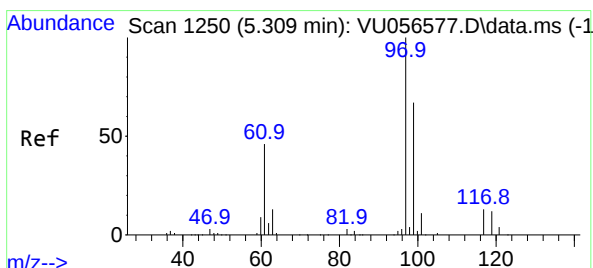
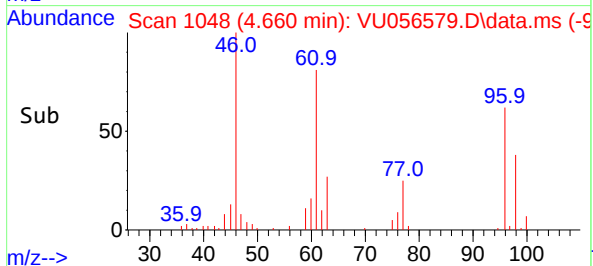
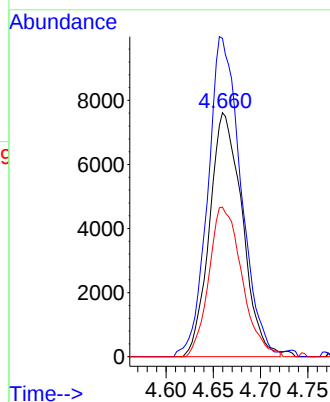


#22
 cis-1,2-Dichloroethene
 Concen: 0.749 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.000 min
 Lab File: VU056579.D
 Acq: 22 Nov 2023 11:21

Instrument :
 MSVOA_U
 ClientSampleId :

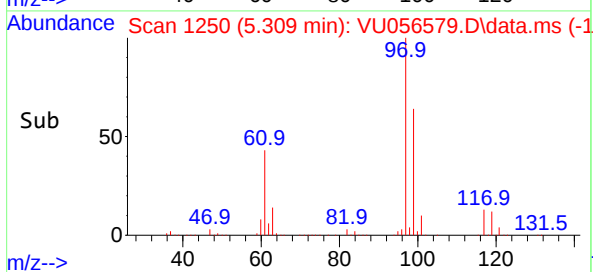
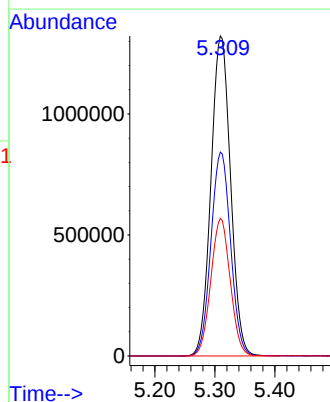
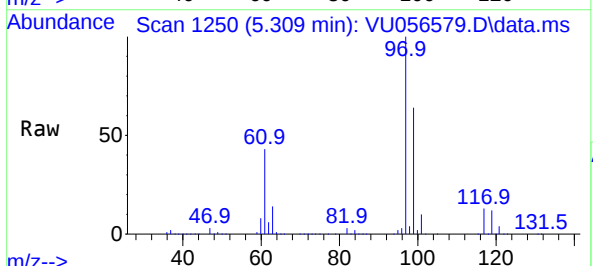


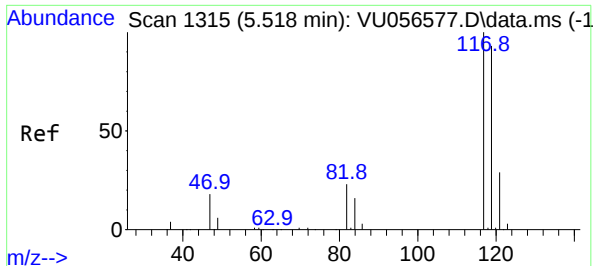
Tgt Ion: 96 Resp: 18304
 Ion Ratio Lower Upper
 96 100
 61 130.5 93.2 173.2
 98 61.3 44.8 83.2



#29
 1,1,1-Trichloroethane
 Concen: 78.846 ug/L
 RT: 5.309 min Scan# 1250
 Delta R.T. -0.000 min
 Lab File: VU056579.D
 Acq: 22 Nov 2023 11:21

Tgt Ion: 97 Resp: 2999523
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.6 77.4
 61 42.6 34.3 51.5

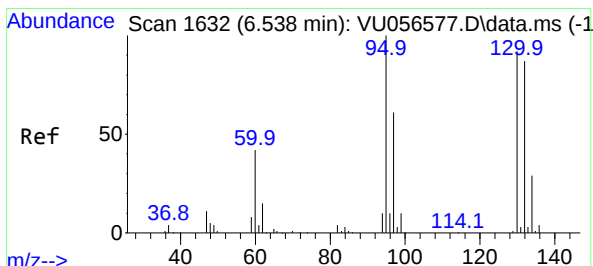
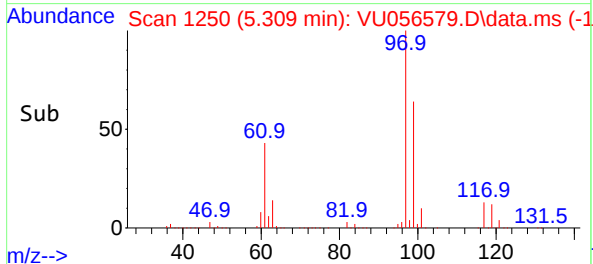
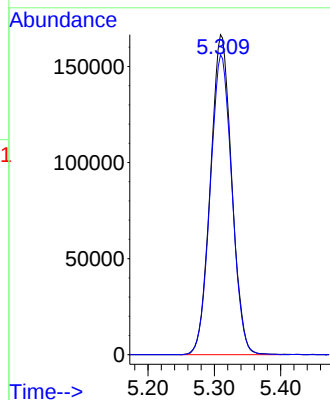
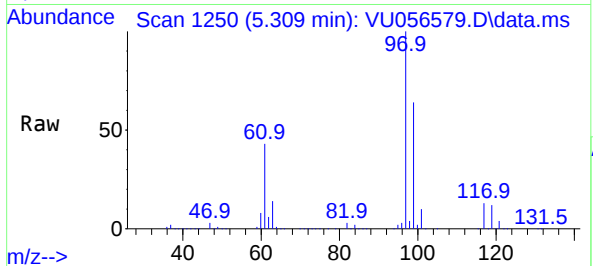




#31
Carbon tetrachloride
Concen: 11.360 ug/L
RT: 5.309 min Scan# 117
Delta R.T. -0.212 min
Lab File: VU056579.D
Acq: 22 Nov 2023 11:21

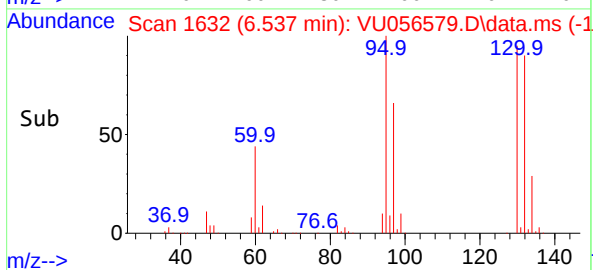
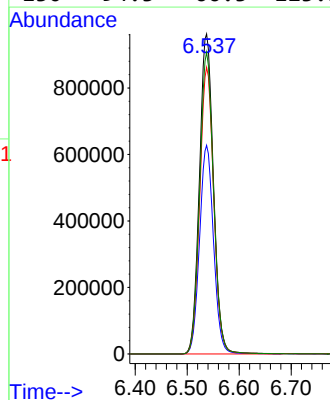
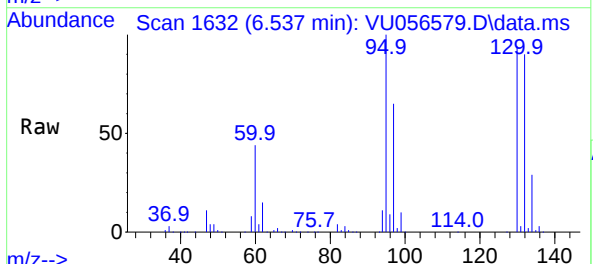
Instrument :
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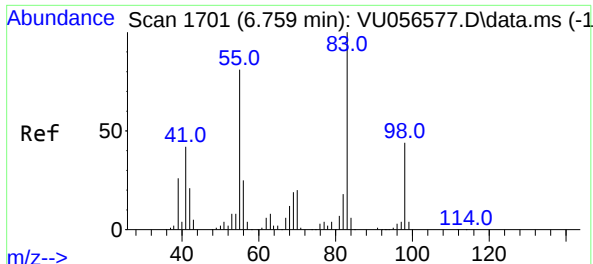
Tgt Ion:117 Resp: 371186
Ion Ratio Lower Upper
117 100
119 95.2 78.1 117.1



#34
Trichloroethene
Concen: 70.303 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VU056579.D
Acq: 22 Nov 2023 11:21

Tgt Ion: 95 Resp: 1811374
Ion Ratio Lower Upper
95 100
97 65.2 46.5 86.3
132 89.5 62.0 115.2
130 94.3 66.3 123.1

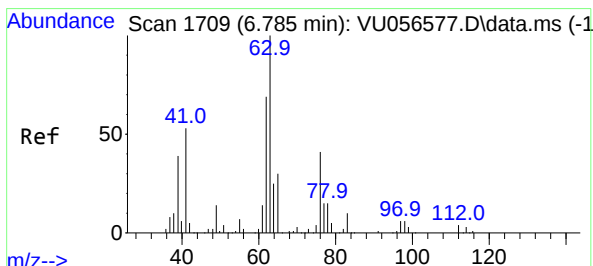
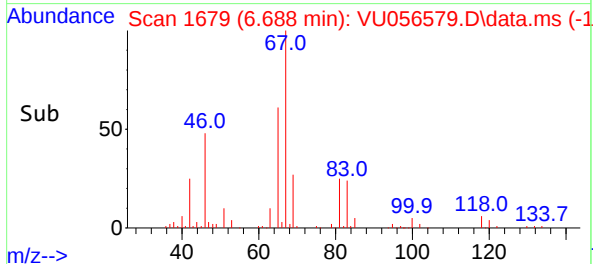
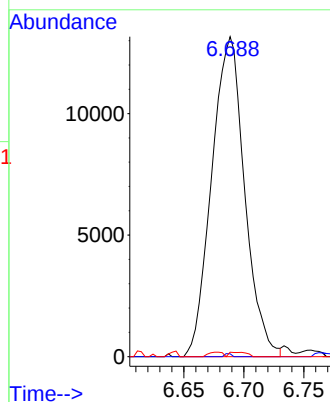
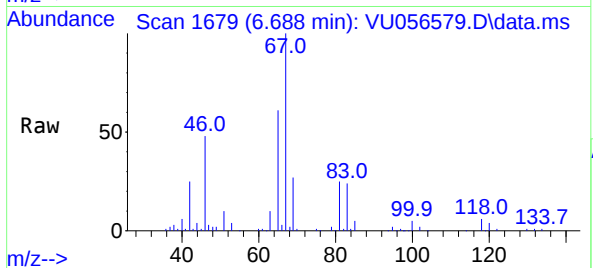




#35
Methylcyclohexane
Concen: 0.676 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.068 min
Lab File: VU056579.D
Acq: 22 Nov 2023 11:21

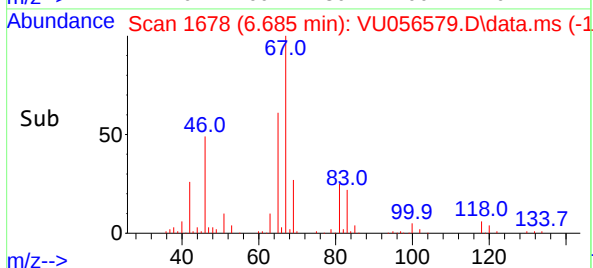
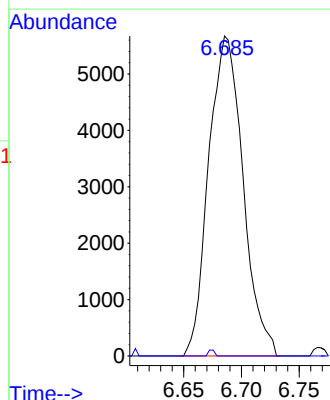
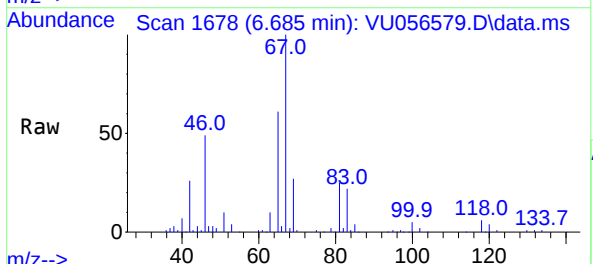
Instrument :
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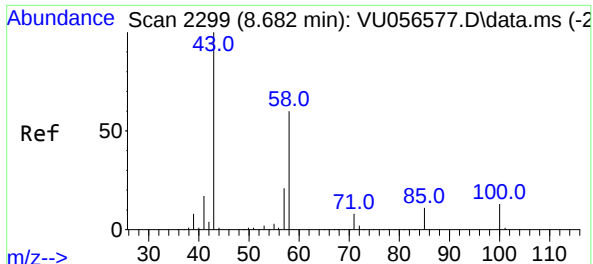
Tgt Ion: 83 Resp: 25137
Ion Ratio Lower Upper
83 100
55 0.2 62.9 94.3#
98 0.0 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.476 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.097 min
Lab File: VU056579.D
Acq: 22 Nov 2023 11:21

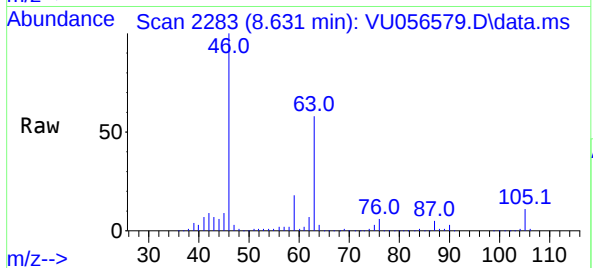
Tgt Ion: 63 Resp: 11736
Ion Ratio Lower Upper
63 100
112 0.3 3.2 4.8#





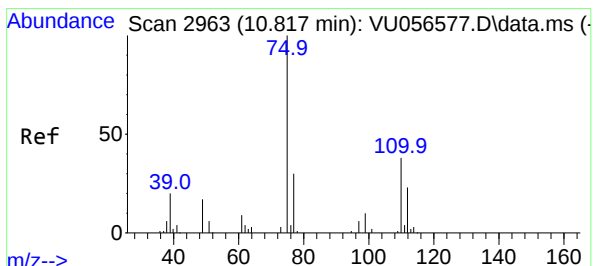
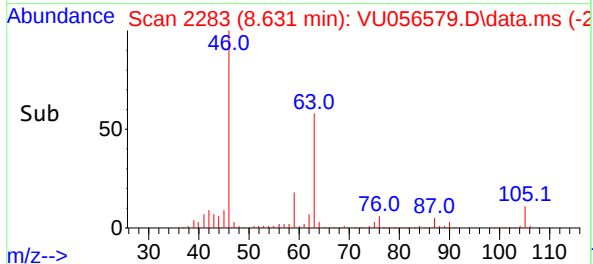
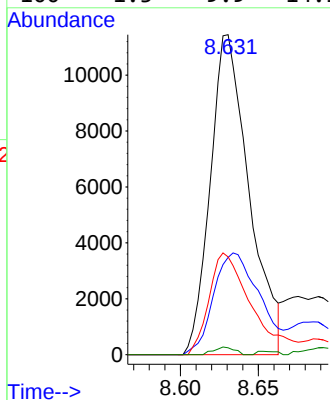
#48
2-Hexanone
Concen: 2.080 ug/L
RT: 8.631 min Scan# 21
Delta R.T. -0.048 min
Lab File: VU056579.D
Acq: 22 Nov 2023 11:21

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 19808

Ion	Ratio	Lower	Upper
43	100		
58	37.8	48.7	73.1#
57	34.8	16.8	25.2#
100	1.3	9.9	14.9#



#61
1,2,3-Trichloropropane
Concen: 1.402 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.993 min
Lab File: VU056579.D
Acq: 22 Nov 2023 11:21

Tgt Ion: 75 Resp: 17127

Ion	Ratio	Lower	Upper
75	100		
110	2.1	30.4	45.6#
77	32.5	27.0	40.6

