

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
 Data File : VU056352.D
 Acq On : 15 Nov 2023 13:44
 Operator : MD/SY
 Sample : 05339-12RE
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 16 04:38:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 16 04:37:29 2023
 Response via : Initial Calibration

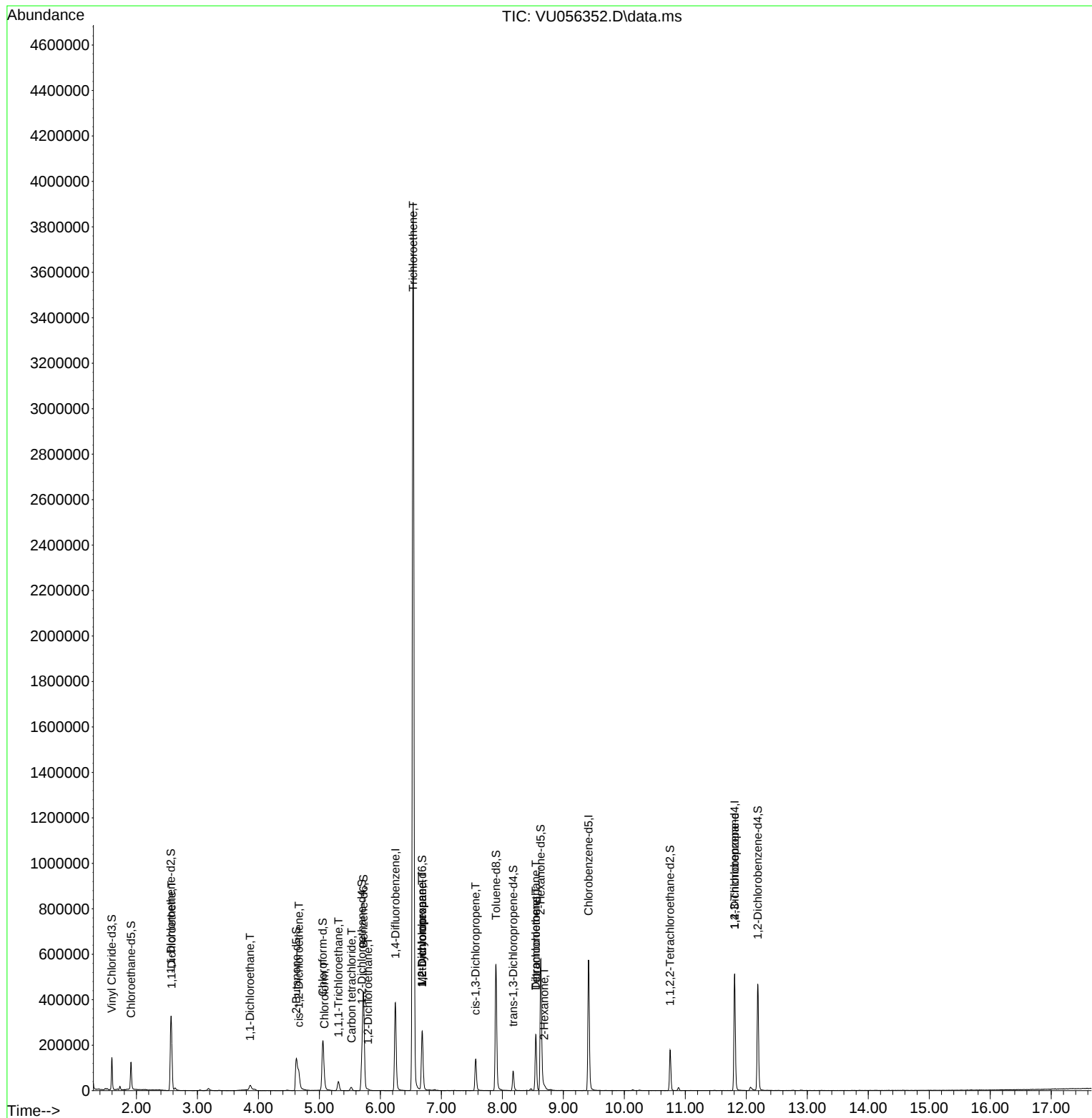
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	316718	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	335526	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	136251	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	101323	4.277	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.911	69	86325	4.753	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.564	65	47900	4.582	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.600%
20) 2-Butanone-d5	4.621	46	224002	47.421	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.840%
24) Chloroform-d	5.056	84	209900	4.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.695	65	103983	4.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.721	84	422641	4.228	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.682	67	131180	4.354	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.895	98	385072	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.178	79	49344	4.270	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.628	63	204011	44.927	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.860%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	91045	4.229	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	121505	4.827	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.577	96	45866	2.366	ug/L #	65
19) 1,1-Dichloroethane	3.863	63	22307	0.565	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	29737	1.314	ug/L	97
25) Chloroform	5.081	83	17976	0.420	ug/L	99
27) 1,2-Dichloroethane	5.798	62	3750	0.154	ug/L #	77
29) 1,1,1-Trichloroethane	5.313	97	29515	0.766	ug/L	98
31) Carbon tetrachloride	5.525	117	10715	0.324	ug/L	96
34) Trichloroethene	6.535	95	1412458	54.149	ug/L	98
35) Methylcyclohexane	6.686	83	31050	0.825	ug/L #	18
37) 1,2-Dichloropropane	6.686	63	14103	0.565	ug/L #	88
39) cis-1,3-Dichloropropene	7.560	75	4048	0.110	ug/L #	80
47) Tetrachloroethene	8.547	164	53349	3.033	ug/L	98
48) 2-Hexanone	8.686	43	9889	1.026	ug/L #	39
49) Dibromochloromethane	8.547	129	55702	2.946	ug/L #	12
61) 1,2,3-Trichloropropane	11.808	75	17407	1.489	ug/L #	67

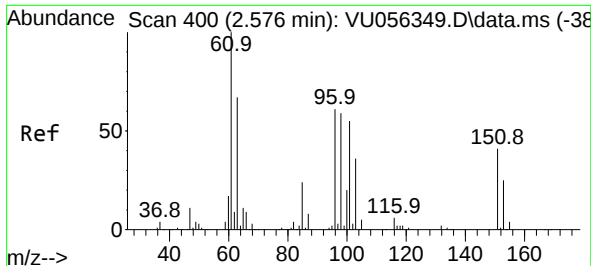
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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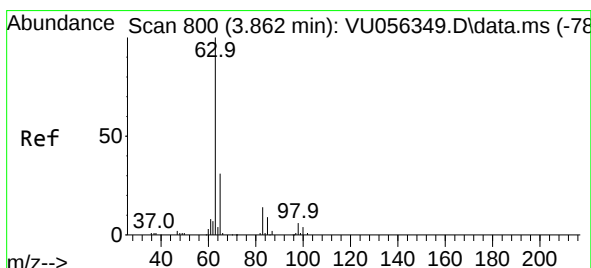
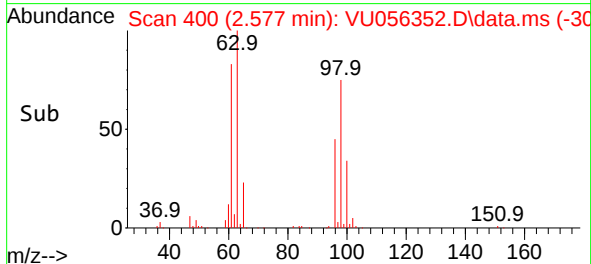
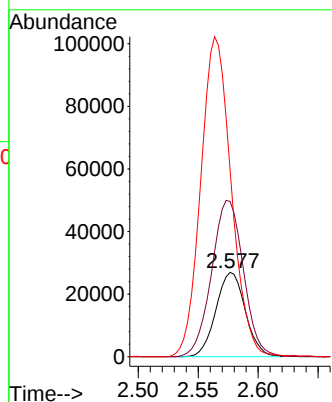
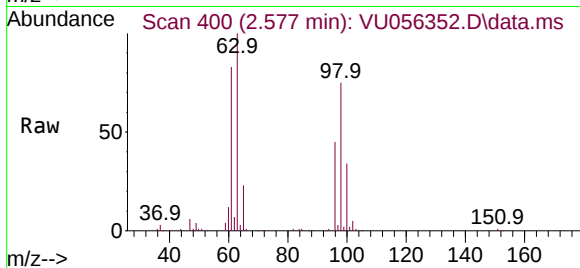




#12
1,1-Dichloroethene
Concen: 2.366 ug/L
RT: 2.577 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056352.D
Acq: 15 Nov 2023 13:44

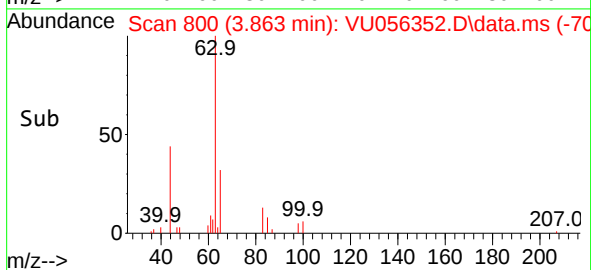
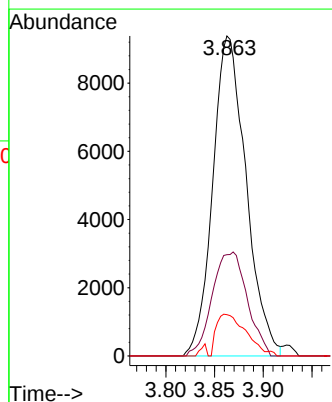
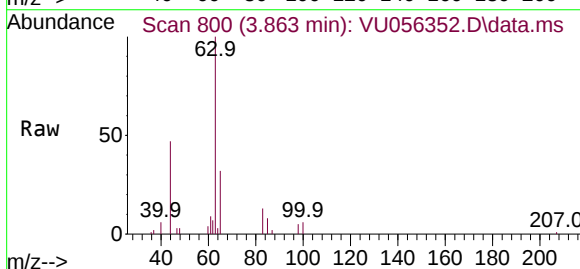
Instrument :
MSVOA_U
ClientSampleId :

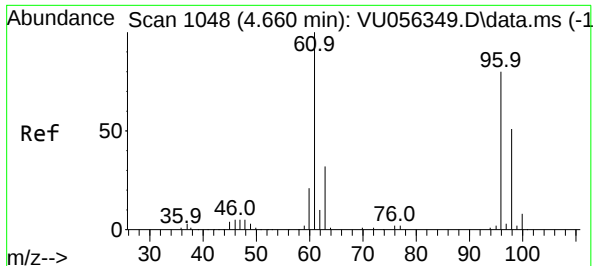
Tgt Ion: 96 Resp: 45866
Ion Ratio Lower Upper
96 100
61 184.1 123.1 228.7
63 220.8 93.3 173.3#



#19
1,1-Dichloroethane
Concen: 0.565 ug/L
RT: 3.863 min Scan# 800
Delta R.T. 0.000 min
Lab File: VU056352.D
Acq: 15 Nov 2023 13:44

Tgt Ion: 63 Resp: 22307
Ion Ratio Lower Upper
63 100
65 31.6 21.8 40.6
83 12.9 9.7 17.9





#22

cis-1,2-Dichloroethene

Concen: 1.314 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.004 min

Lab File: VU056352.D

Acq: 15 Nov 2023 13:44

Instrument :

MSVOA_U

ClientSampleId :

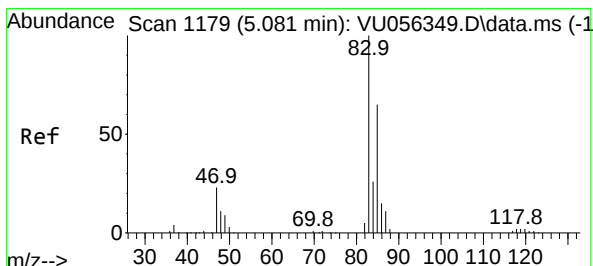
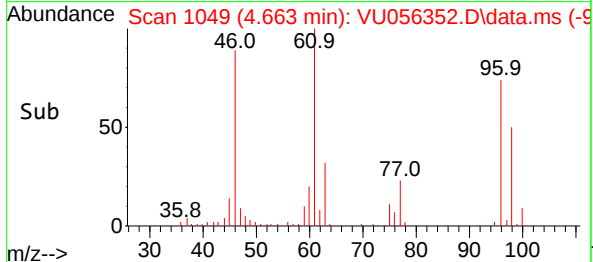
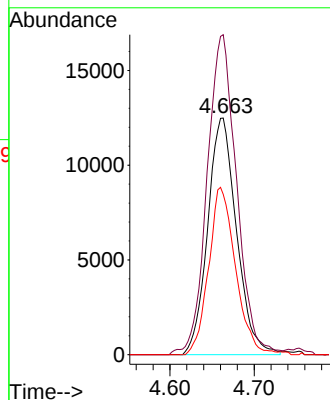
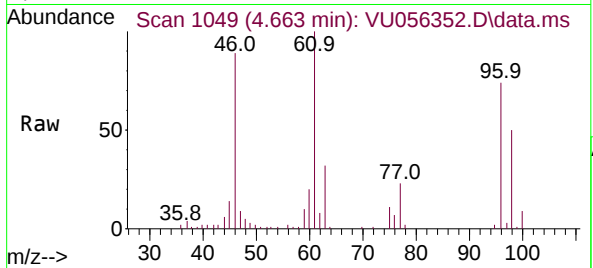
Tgt Ion: 96 Resp: 29737

Ion Ratio Lower Upper

96 100

61 135.2 93.2 173.2

98 67.7 44.8 83.2



#25

Chloroform

Concen: 0.420 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU056352.D

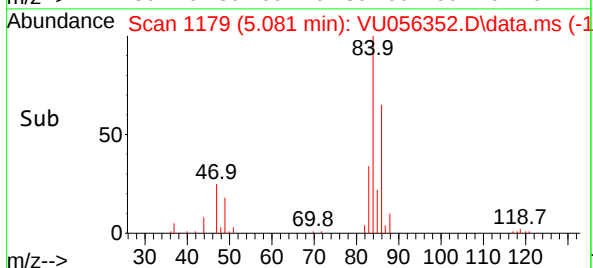
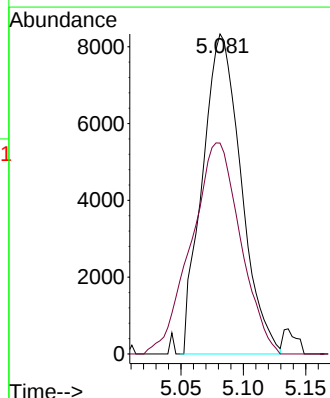
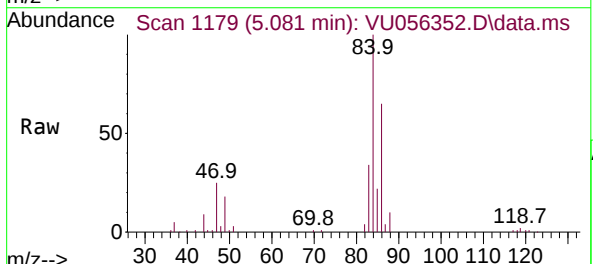
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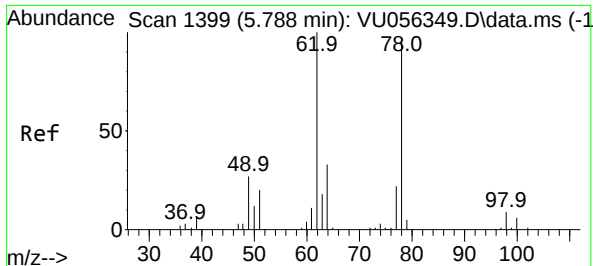
Tgt Ion: 83 Resp: 17976

Ion Ratio Lower Upper

83 100

85 65.9 47.0 87.2

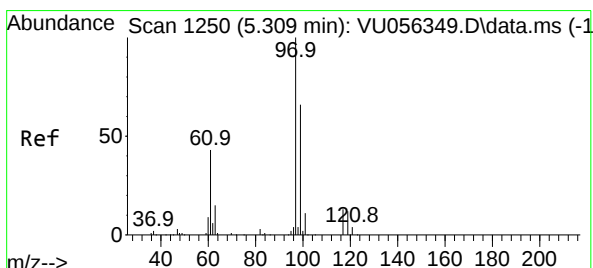
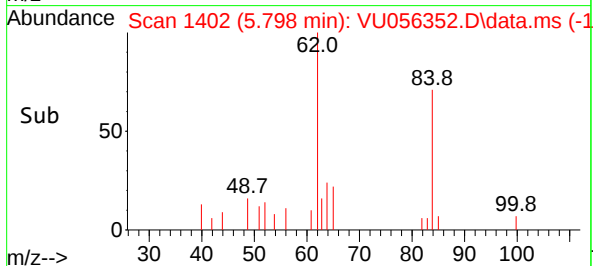
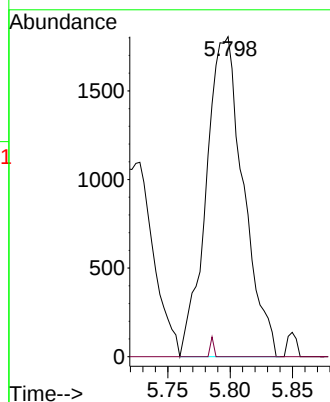
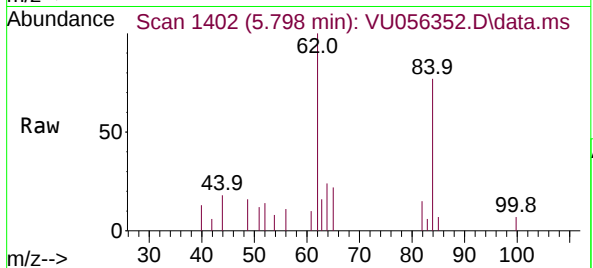




#27
1,2-Dichloroethane
Concen: 0.154 ug/L
RT: 5.798 min Scan# 1402
Delta R.T. 0.010 min
Lab File: VU056352.D
Acq: 15 Nov 2023 13:44

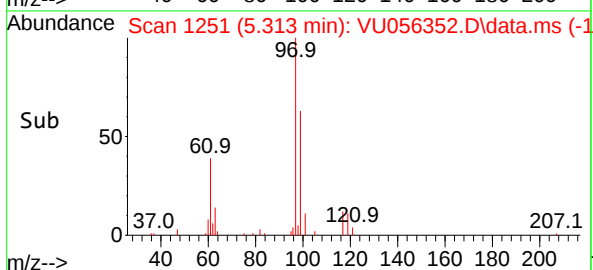
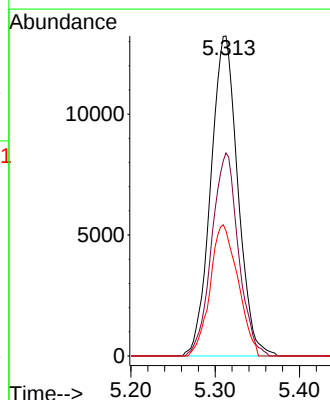
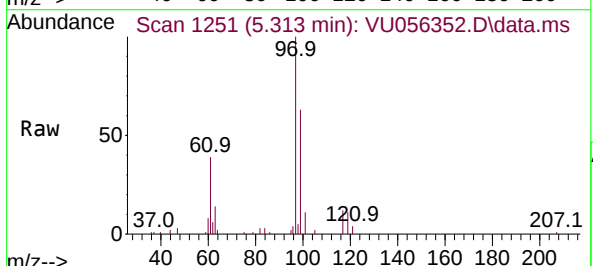
Instrument :
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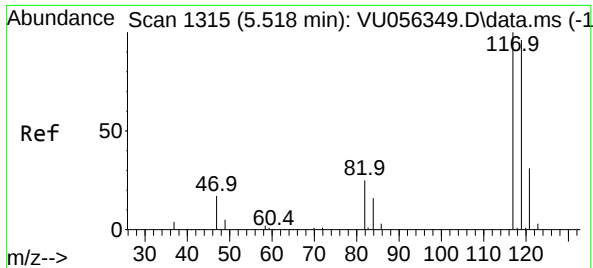
Tgt Ion: 62 Resp: 3750
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#



#29
1,1,1-Trichloroethane
Concen: 0.766 ug/L
RT: 5.313 min Scan# 1251
Delta R.T. 0.004 min
Lab File: VU056352.D
Acq: 15 Nov 2023 13:44

Tgt Ion: 97 Resp: 29515
Ion Ratio Lower Upper
97 100
99 62.6 51.6 77.4
61 42.0 34.3 51.5

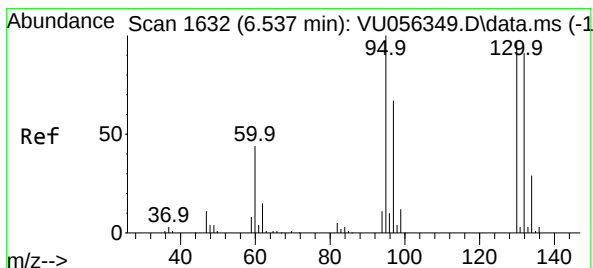
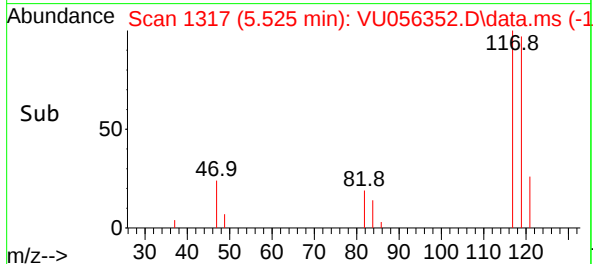
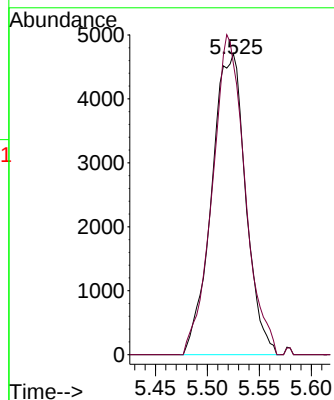
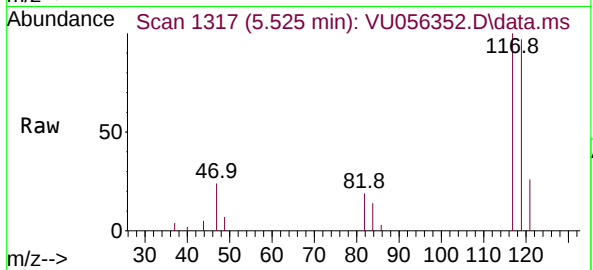




#31
Carbon tetrachloride
Concen: 0.324 ug/L
RT: 5.525 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU056352.D
Acq: 15 Nov 2023 13:44

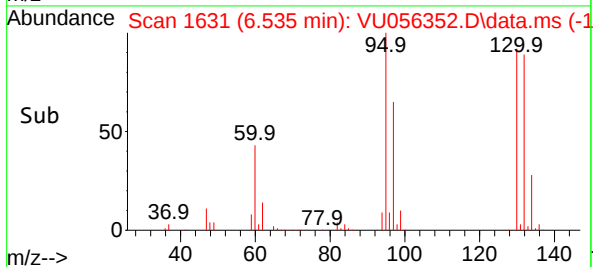
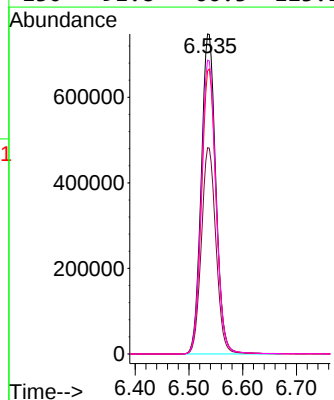
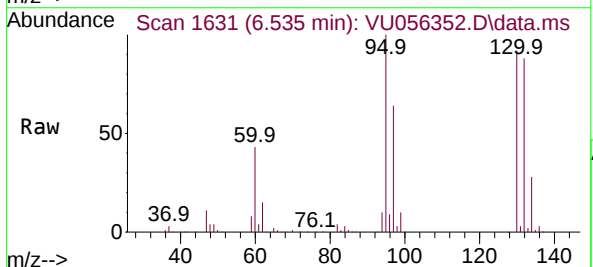
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MSVOA_U
ClientSampleId :

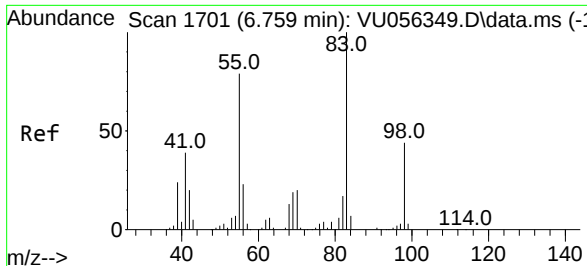
Tgt Ion:117 Resp: 10715
Ion Ratio Lower Upper
117 100
119 101.9 78.1 117.1



#34
Trichloroethene
Concen: 54.149 ug/L
RT: 6.535 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU056352.D
Acq: 15 Nov 2023 13:44

Tgt Ion: 95 Resp: 1412458
Ion Ratio Lower Upper
95 100
97 64.5 46.5 86.3
132 88.4 62.0 115.2
130 91.8 66.3 123.1

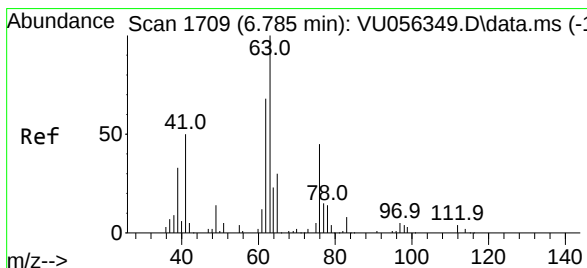
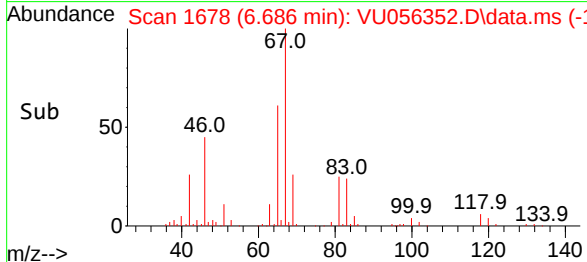
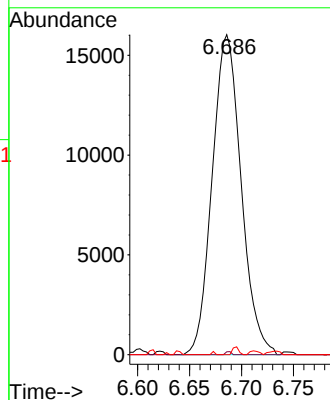
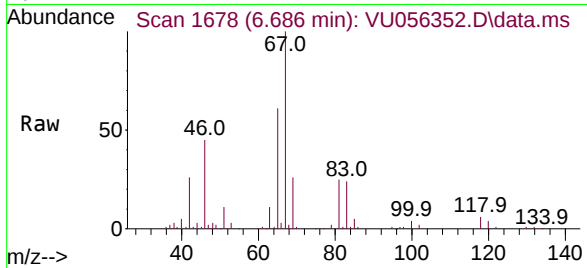




#35
Methylcyclohexane
Concen: 0.825 ug/L
RT: 6.686 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056352.D
Acq: 15 Nov 2023 13:44

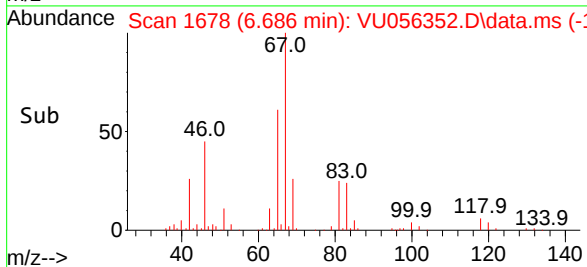
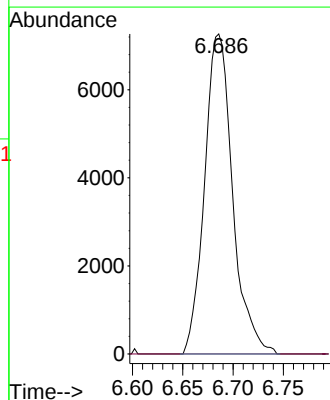
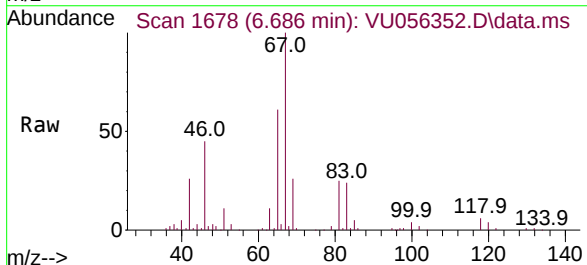
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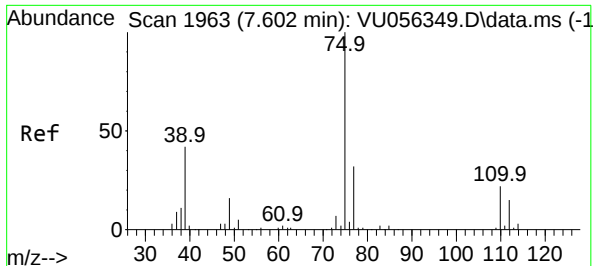
Tgt Ion: 83 Resp: 31050
Ion Ratio Lower Upper
83 100
55 0.2 62.9 94.3#
98 0.0 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.565 ug/L
RT: 6.686 min Scan# 1678
Delta R.T. -0.099 min
Lab File: VU056352.D
Acq: 15 Nov 2023 13:44

Tgt Ion: 63 Resp: 14103
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 7.560 min Scan# 1963

Delta R.T. -0.041 min

Lab File: VU056352.D

Acq: 15 Nov 2023 13:44

Instrument :

MSVOA_U

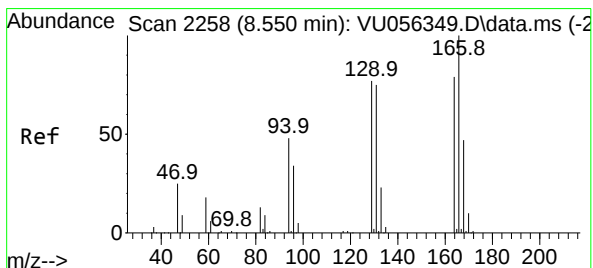
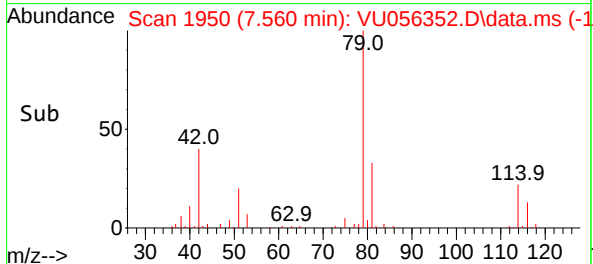
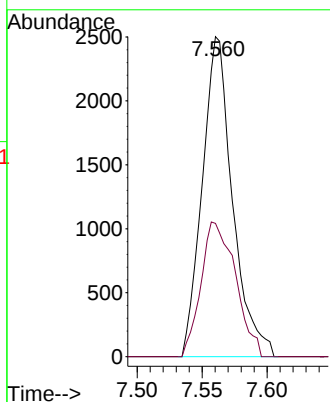
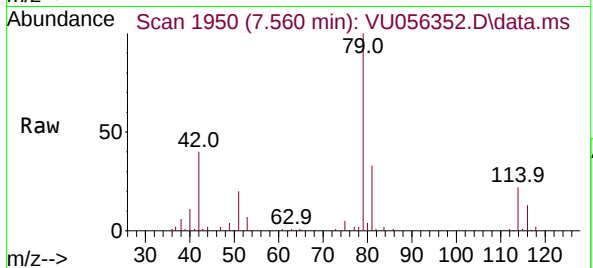
ClientSampleId :

Tgt Ion: 75 Resp: 4048

Ion Ratio Lower Upper

75 100

77 41.6 21.5 39.9#



#47

Tetrachloroethene

Concen: 3.033 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU056352.D

Acq: 15 Nov 2023 13:44

Tgt Ion: 164 Resp: 53349

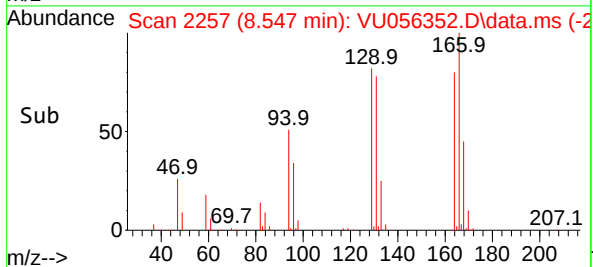
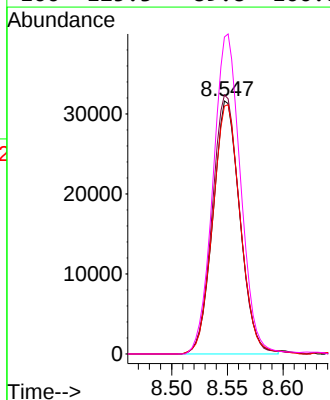
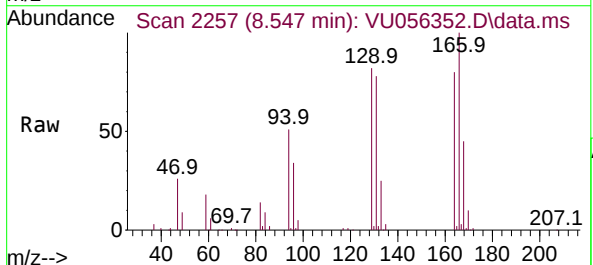
Ion Ratio Lower Upper

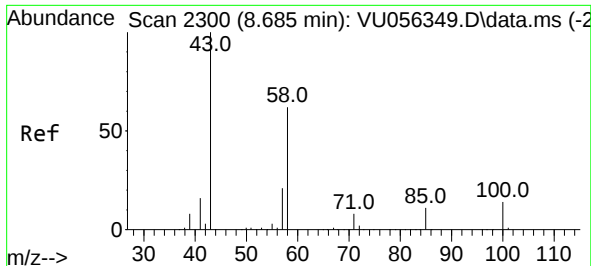
164 100

129 102.4 71.0 131.9

131 98.0 70.3 130.7

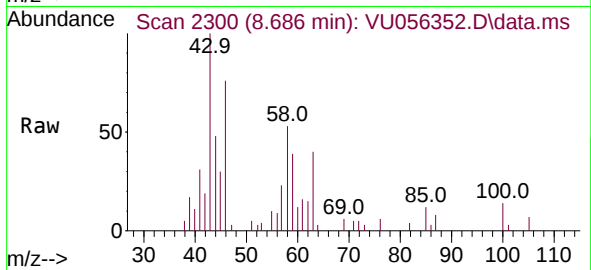
166 125.3 89.8 166.8



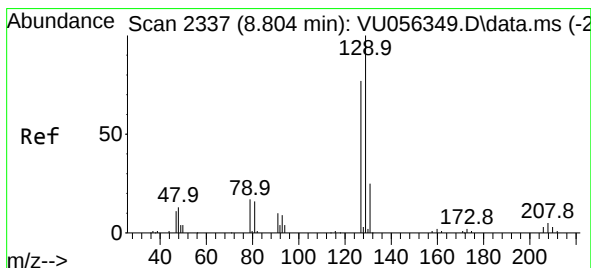
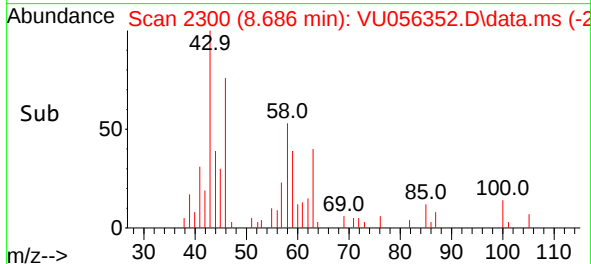
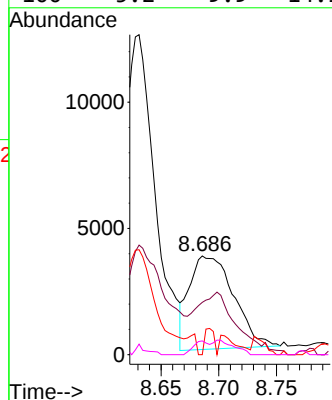


#48
2-Hexanone
Concen: 1.026 ug/L
RT: 8.686 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056352.D
Acq: 15 Nov 2023 13:44

Instrument :
MSVOA_U
ClientSampleId :

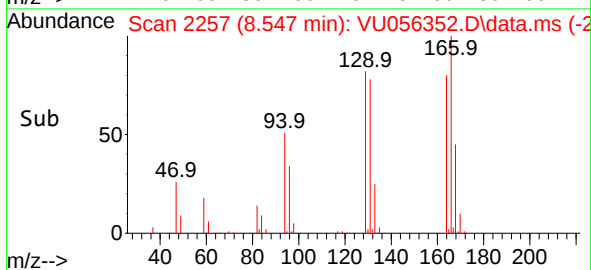
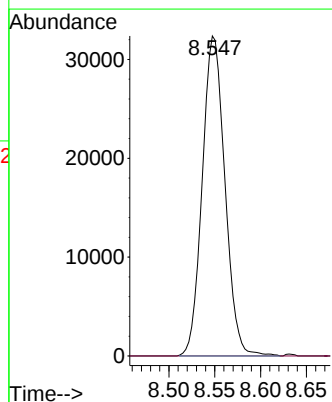
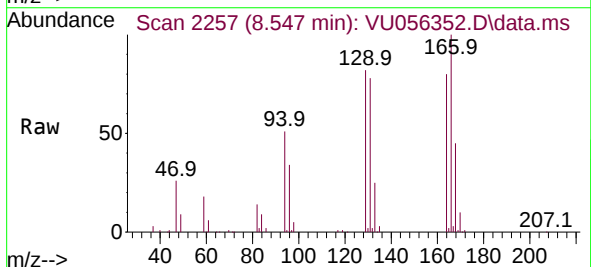


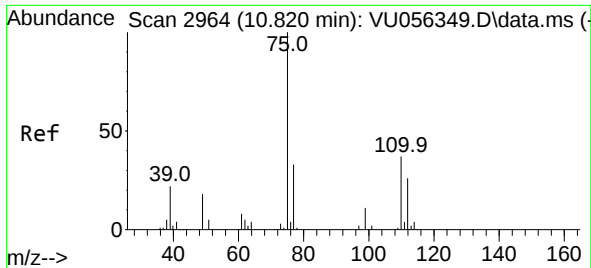
Tgt Ion: 43 Resp: 9889
Ion Ratio Lower Upper
43 100
58 0.0 48.7 73.1#
57 5.8 16.8 25.2#
100 5.2 9.9 14.9#



#49
Dibromochloromethane
Concen: 2.946 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056352.D
Acq: 15 Nov 2023 13:44

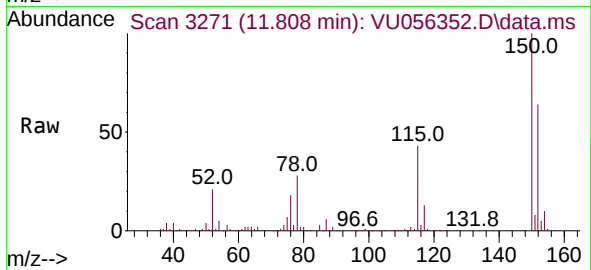
Tgt Ion: 129 Resp: 55702
Ion Ratio Lower Upper
129 100
127 0.0 52.9 98.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.489 ug/L
 RT: 11.808 min Scan# 31
 Delta R.T. 0.988 min
 Lab File: VU056352.D
 Acq: 15 Nov 2023 13:44

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 17407
 Ion Ratio Lower Upper
 75 100
 110 1.4 30.4 45.6#
 77 32.5 27.0 40.6

