

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
 Data File : VU056363.D
 Acq On : 15 Nov 2023 18:27
 Operator : MD/SY
 Sample : 05339-13DL 10X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 16 04:41:27 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)

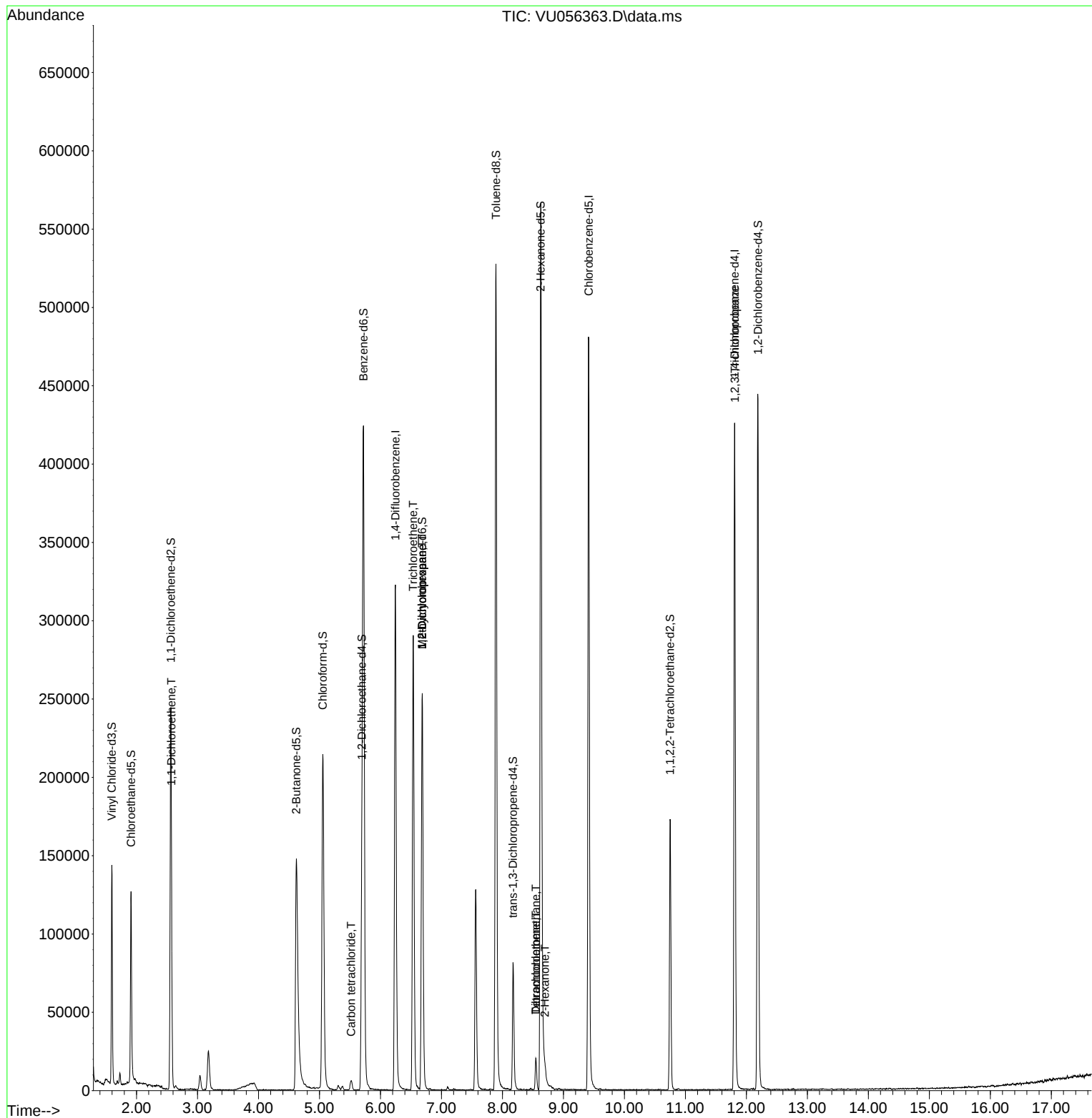
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	263425	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	276962	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	111013	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	99932	5.072	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.400%
7) Chloroethane-d5	1.911	69	87182	5.771	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.400%
11) 1,1-Dichloroethene-d2	2.563	65	45976	5.287	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.800%
20) 2-Butanone-d5	4.621	46	223593	56.910	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.820%
24) Chloroform-d	5.055	84	206082	5.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.200%
26) 1,2-Dichloroethane-d4	5.695	65	103043	5.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.000%
32) Benzene-d6	5.721	84	413952	5.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.685	67	127412	5.123	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.894	98	365937	5.022	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
43) trans-1,3-Dichloroprop...	8.174	79	48210	5.054	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.627	63	198771	53.029	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.060%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	87890	4.946	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	117092	5.710	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	5082	0.315	ug/L #	1
31) Carbon tetrachloride	5.518	117	4728	0.173	ug/L	99
34) Trichloroethene	6.537	95	105879	4.917	ug/L	97
35) Methylcyclohexane	6.685	83	28885	0.929	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	13737	0.667	ug/L #	88
47) Tetrachloroethene	8.550	164	4531	0.312	ug/L	94
48) 2-Hexanone	8.695	43	8100	1.018	ug/L #	79
49) Dibromochloromethane	8.550	129	4920	0.315	ug/L #	12
61) 1,2,3-Trichloropropane	11.810	75	14441	1.516	ug/L #	69

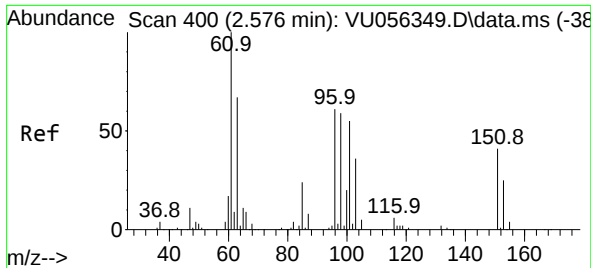
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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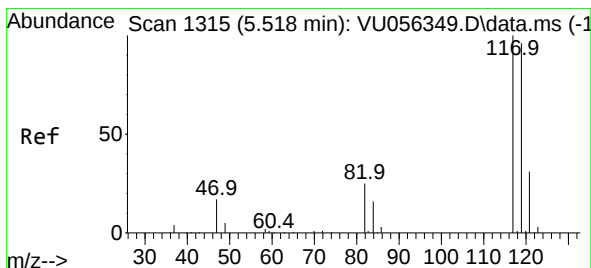
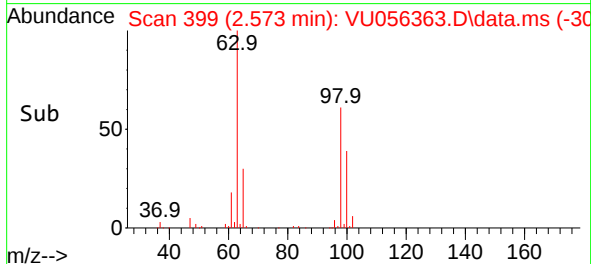
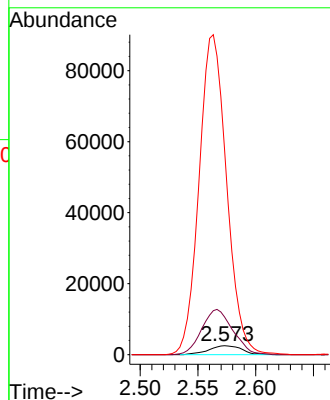
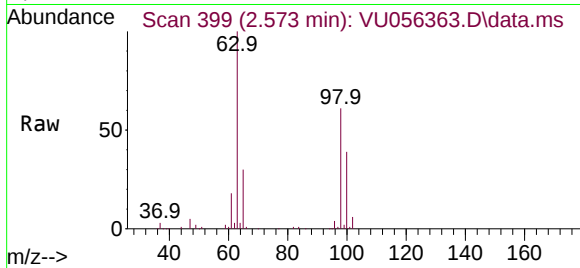




#12
1,1-Dichloroethene
Concen: 0.315 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU056363.D
Acq: 15 Nov 2023 18:27

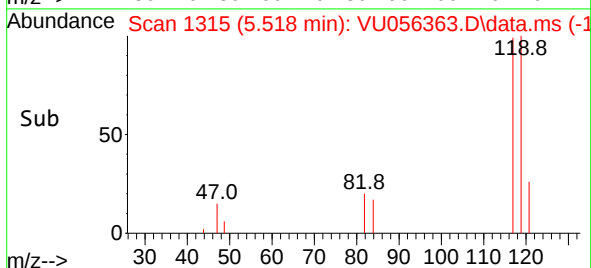
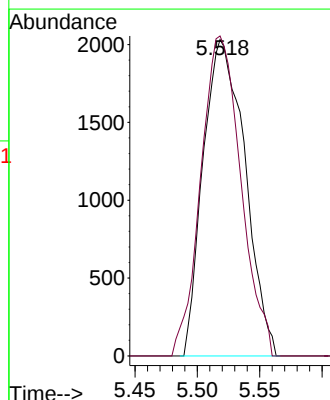
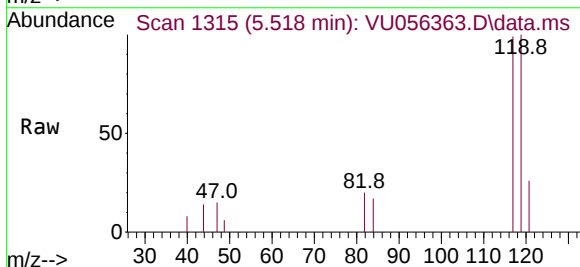
Instrument :
MSVOA_U
ClientSampleId :

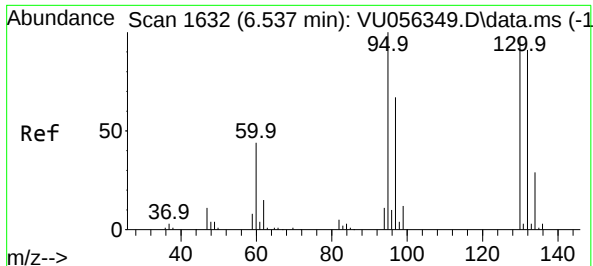
Tgt Ion: 96 Resp: 5082
Ion Ratio Lower Upper
96 100
61 418.8 123.1 228.7#
63 2276.2 93.3 173.3#



#31
Carbon tetrachloride
Concen: 0.173 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU056363.D
Acq: 15 Nov 2023 18:27

Tgt Ion: 117 Resp: 4728
Ion Ratio Lower Upper
117 100
119 97.1 78.1 117.1





#34

Trichloroethene

Concen: 4.917 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056363.D

Acq: 15 Nov 2023 18:27

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 105879

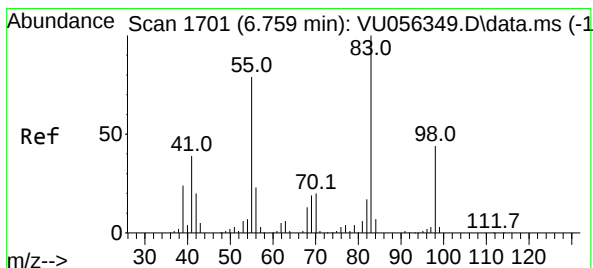
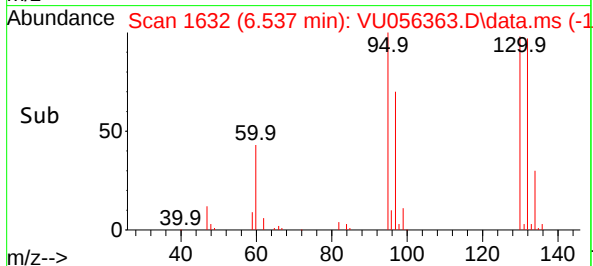
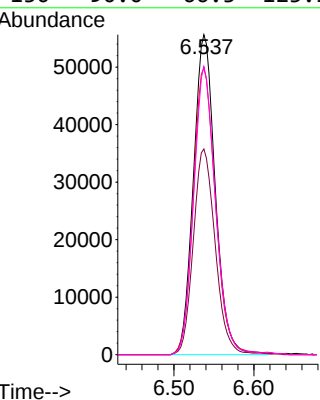
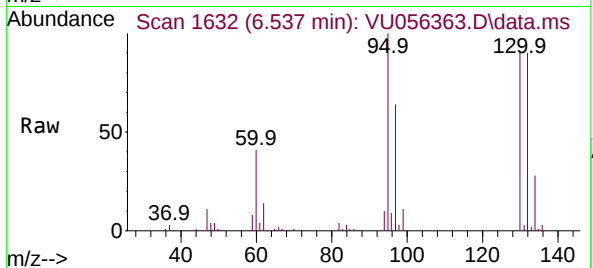
Ion Ratio Lower Upper

95 100

97 64.3 46.5 86.3

132 89.7 62.0 115.2

130 90.0 66.3 123.1



#35

Methylcyclohexane

Concen: 0.929 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU056363.D

Acq: 15 Nov 2023 18:27

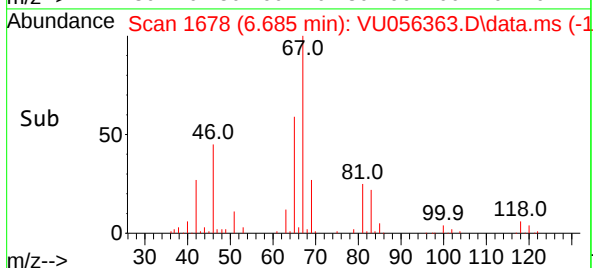
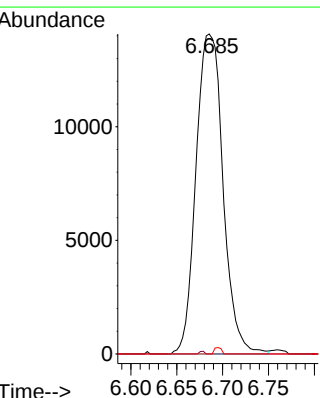
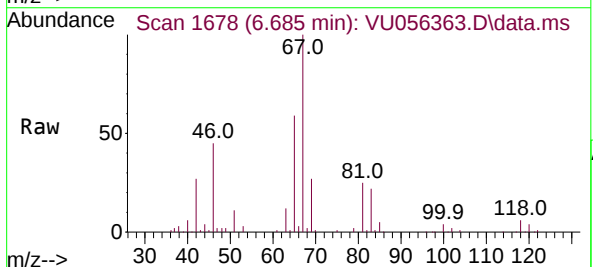
Tgt Ion: 83 Resp: 28885

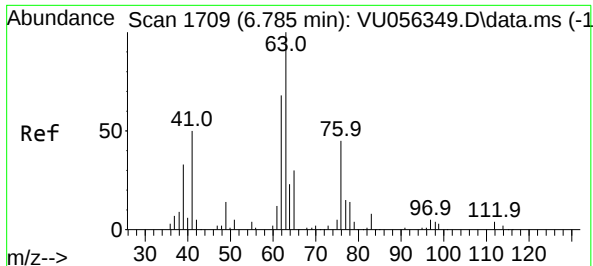
Ion Ratio Lower Upper

83 100

55 0.2 62.9 94.3#

98 0.5 35.3 52.9#

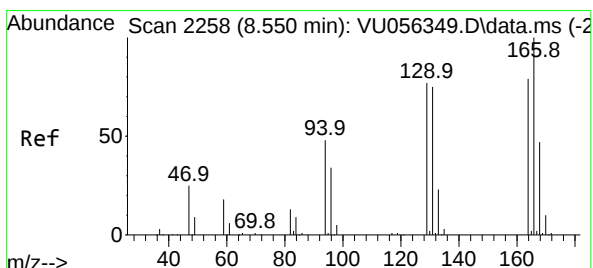
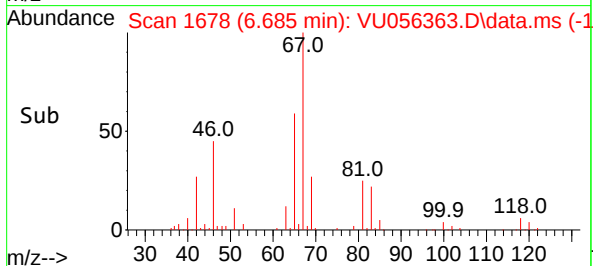
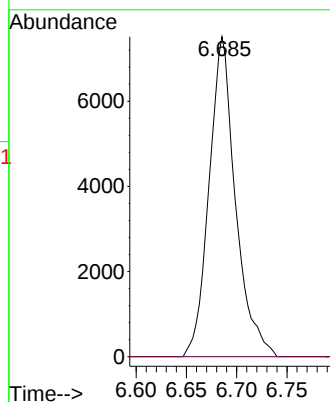
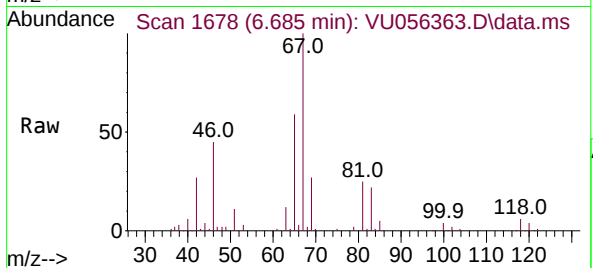




#37
1,2-Dichloropropane
Concen: 0.667 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU056363.D
Acq: 15 Nov 2023 18:27

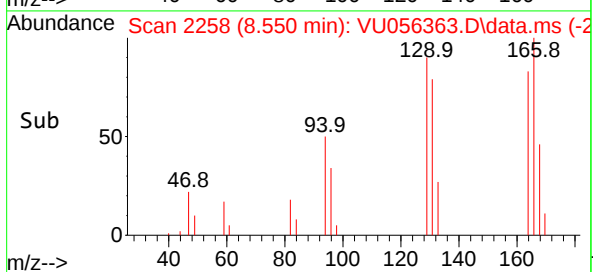
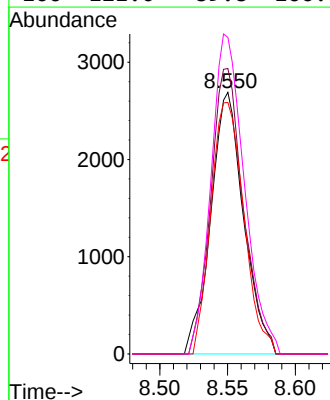
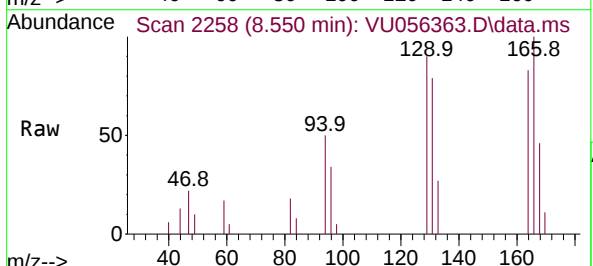
Instrument :
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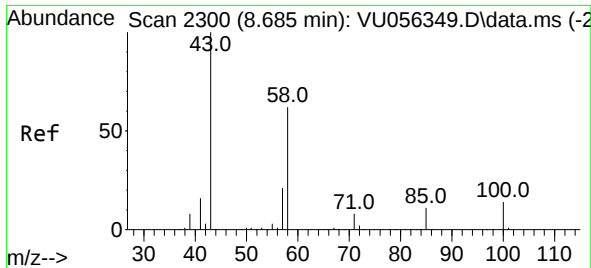
Tgt Ion: 63 Resp: 13737
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#47
Tetrachloroethene
Concen: 0.312 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU056363.D
Acq: 15 Nov 2023 18:27

Tgt Ion: 164 Resp: 4531
Ion Ratio Lower Upper
164 100
129 109.1 71.0 131.9
131 96.1 70.3 130.7
166 121.0 89.8 166.8

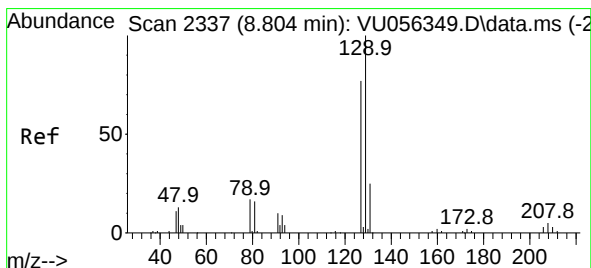
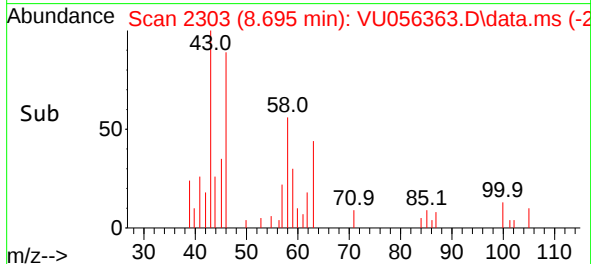
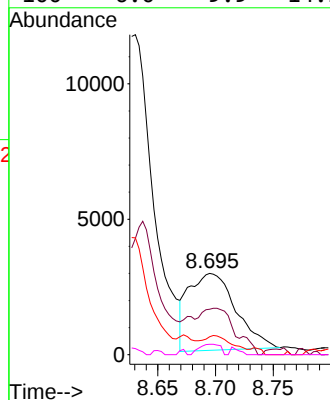
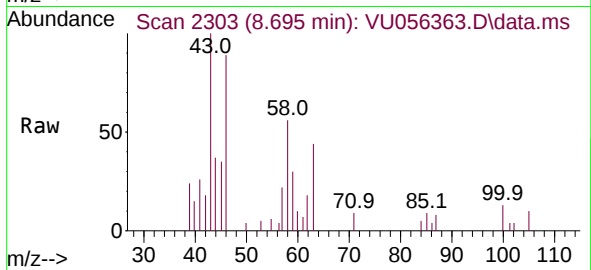




#48
2-Hexanone
Concen: 1.018 ug/L
RT: 8.695 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU056363.D
Acq: 15 Nov 2023 18:27

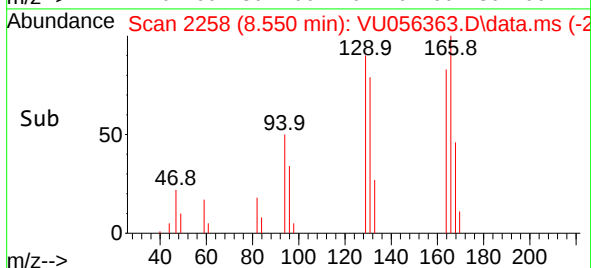
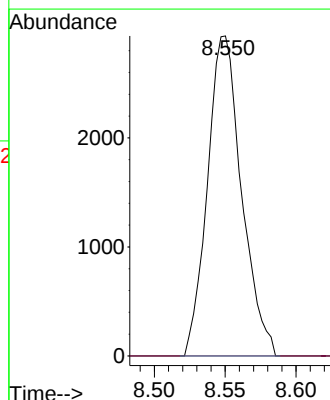
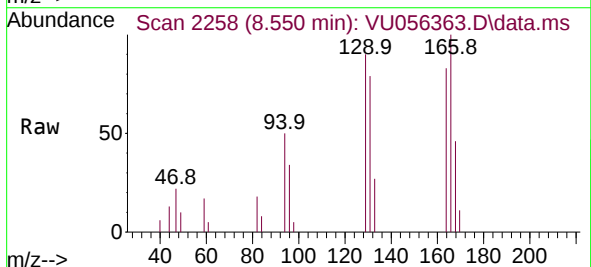
Instrument :
MSVOA_U
ClientSampleId :

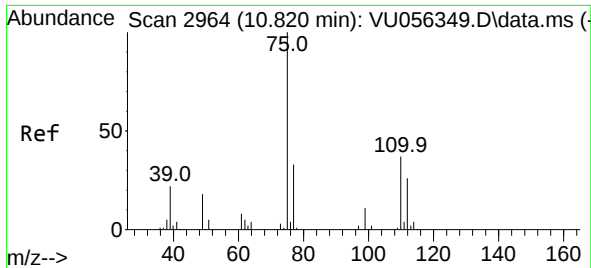
Tgt Ion: 43 Resp: 8100
Ion Ratio Lower Upper
43 100
58 44.7 48.7 73.1#
57 9.5 16.8 25.2#
100 6.0 9.9 14.9#



#49
Dibromochloromethane
Concen: 0.315 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU056363.D
Acq: 15 Nov 2023 18:27

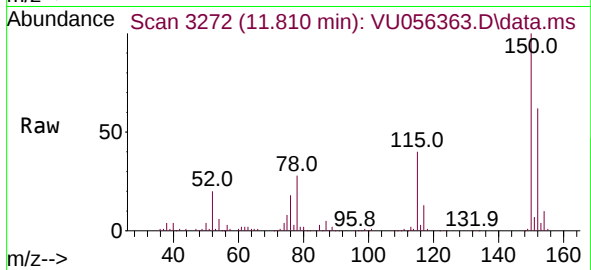
Tgt Ion: 129 Resp: 4920
Ion Ratio Lower Upper
129 100
127 0.0 52.9 98.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.516 ug/L
 RT: 11.810 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056363.D
 Acq: 15 Nov 2023 18:27

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 14441
 Ion Ratio Lower Upper
 75 100
 110 2.7 30.4 45.6#
 77 34.1 27.0 40.6

