

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
 Data File : VU056355.D
 Acq On : 15 Nov 2023 15:13
 Operator : MD/SY
 Sample : 05340-01DL 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 16 04:39:03 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)

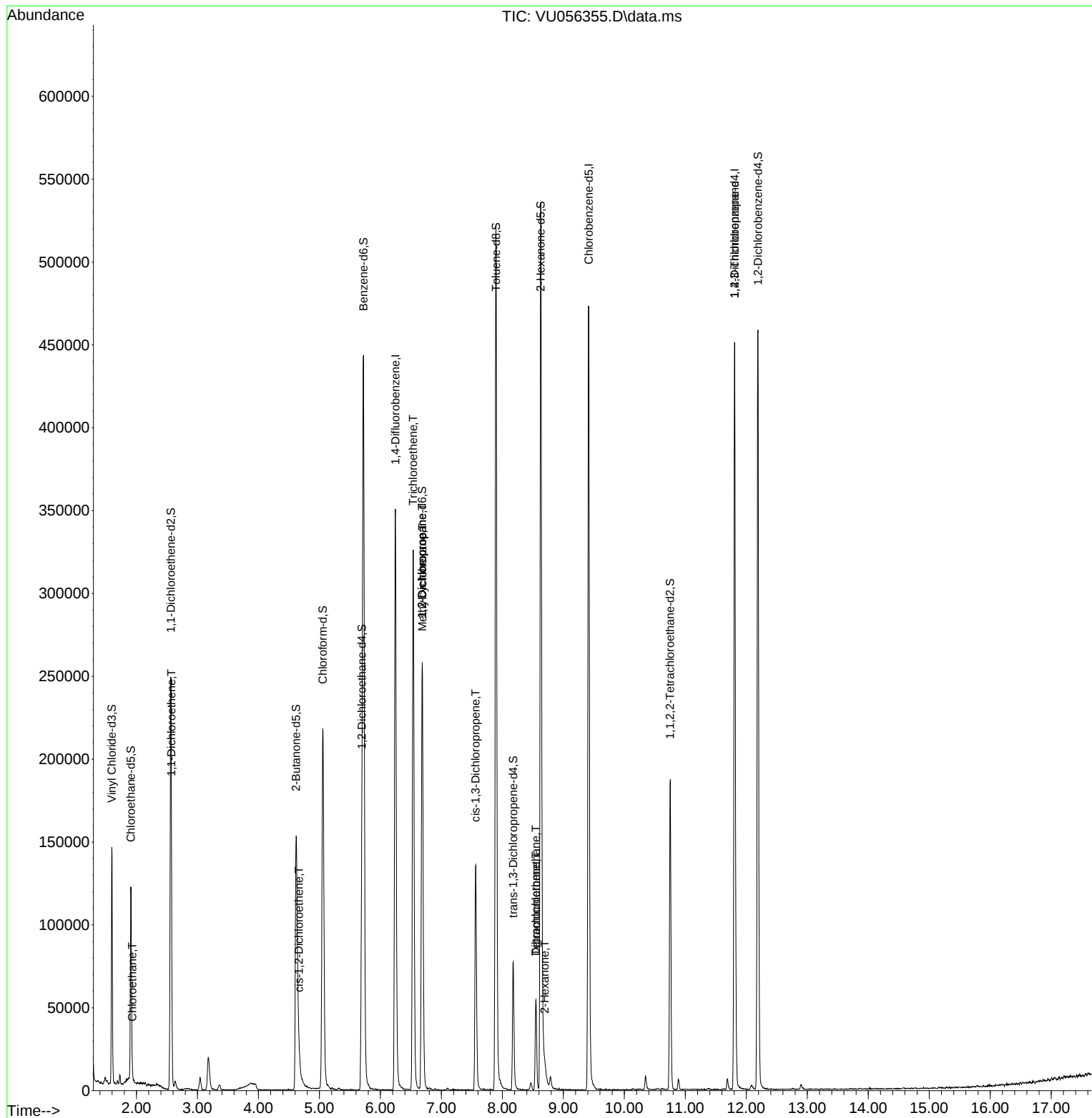
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	281534	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	275983	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	120382	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	101811	4.835	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.600%
7) Chloroethane-d5	1.908	69	88448	5.478	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.600%
11) 1,1-Dichloroethene-d2	2.563	65	47508	5.112	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.200%
20) 2-Butanone-d5	4.618	46	221989	52.868	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.740%
24) Chloroform-d	5.055	84	209892	5.153	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.695	65	102513	5.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
32) Benzene-d6	5.721	84	417040	5.072	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	6.685	67	128370	5.180	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.894	98	363349	5.004	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
43) trans-1,3-Dichloroprop...	8.177	79	47489	4.996	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.000%
46) 2-Hexanone-d5	8.627	63	189455	50.723	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.440%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	93404	5.275	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	121616	5.469	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.400%
Target Compounds						
8) Chloroethane	1.933	64	1810	0.135	ug/L #	77
12) 1,1-Dichloroethene	2.573	96	2260	0.131	ug/L #	1
22) cis-1,2-Dichloroethene	4.663	96	2088	0.104	ug/L	95
34) Trichloroethene	6.538	95	118467	5.521	ug/L	97
35) Methylcyclohexane	6.689	83	30877	0.997	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	14019	0.683	ug/L #	88
39) cis-1,3-Dichloropropene	7.560	75	3468	0.115	ug/L #	73
47) Tetrachloroethene	8.550	164	12584	0.870	ug/L	96
48) 2-Hexanone	8.692	43	10631	1.341	ug/L #	80
49) Dibromochloromethane	8.550	129	12739	0.819	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	14669	1.420	ug/L #	68

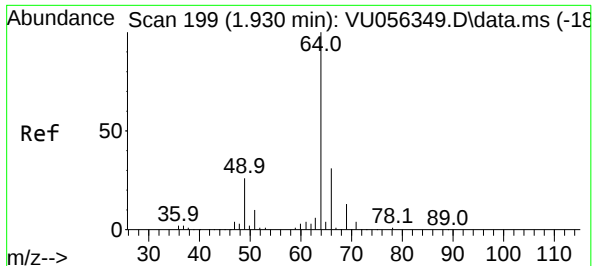
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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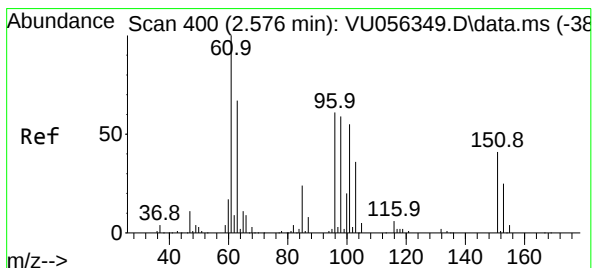
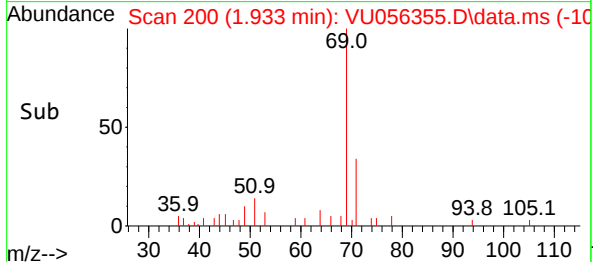
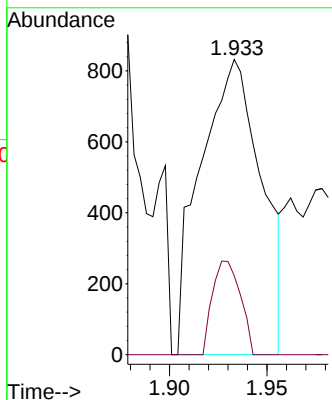
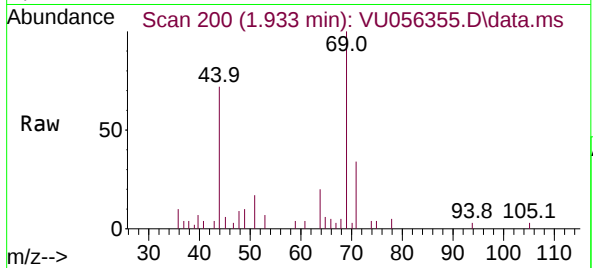




#8
Chloroethane
Concen: 0.135 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU056355.D
Acq: 15 Nov 2023 15:13

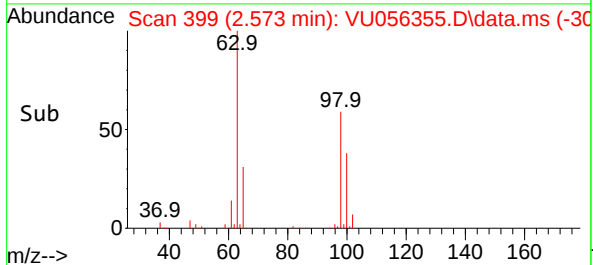
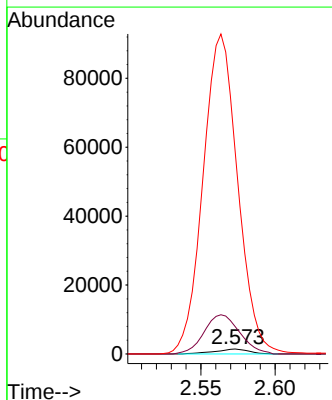
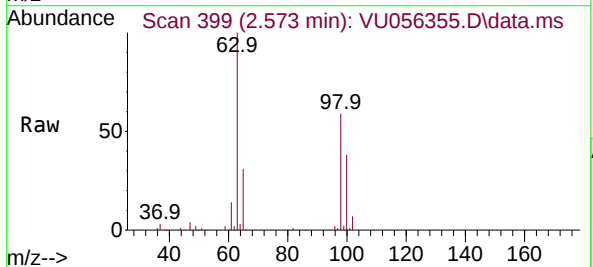
Instrument :
MSVOA_U
ClientSampleId :

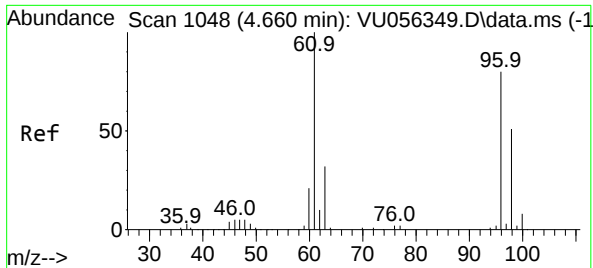
Tgt Ion: 64 Resp: 1810
Ion Ratio Lower Upper
64 100
66 21.0 23.9 44.5#



#12
1,1-Dichloroethene
Concen: 0.131 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU056355.D
Acq: 15 Nov 2023 15:13

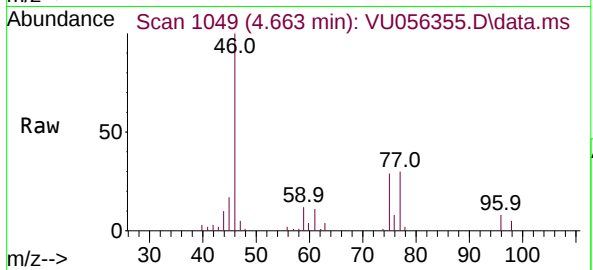
Tgt Ion: 96 Resp: 2260
Ion Ratio Lower Upper
96 100
61 548.2 123.1 228.7#
63 4051.3 93.3 173.3#





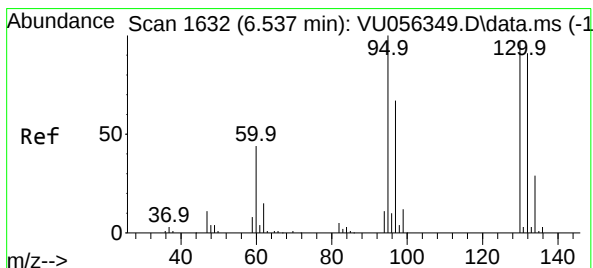
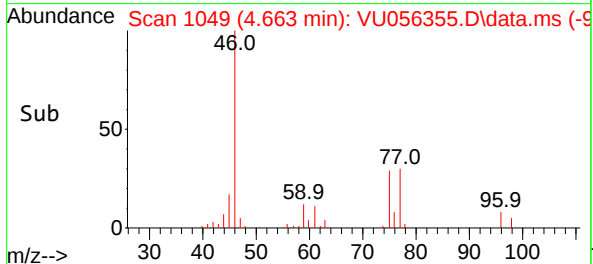
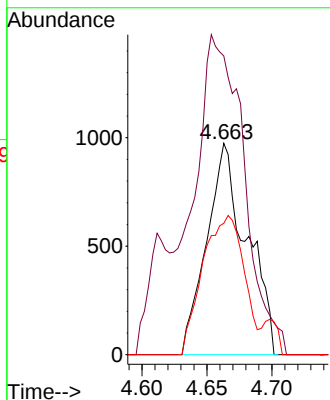
#22
 cis-1,2-Dichloroethene
 Concen: 0.104 ug/L
 RT: 4.663 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU056355.D
 Acq: 15 Nov 2023 15:13

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 2088

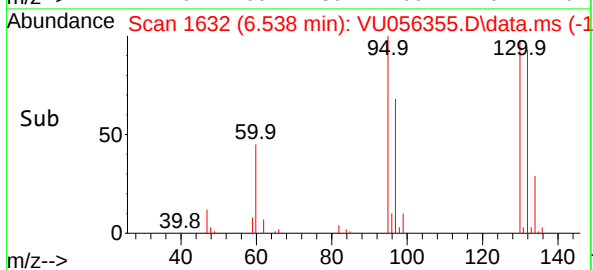
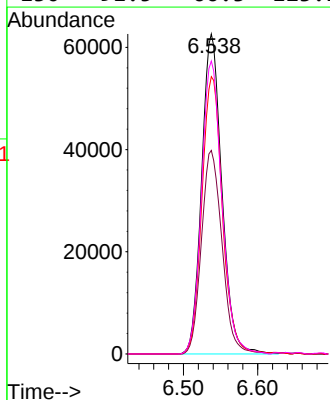
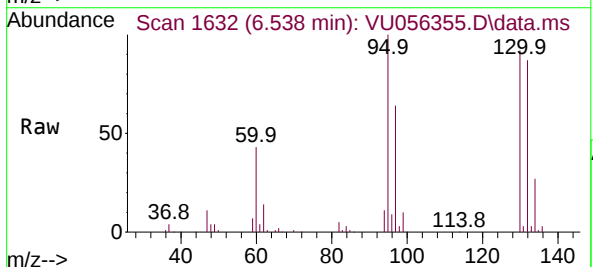
Ion	Ratio	Lower	Upper
96	100		
61	141.4	93.2	173.2
98	62.2	44.8	83.2

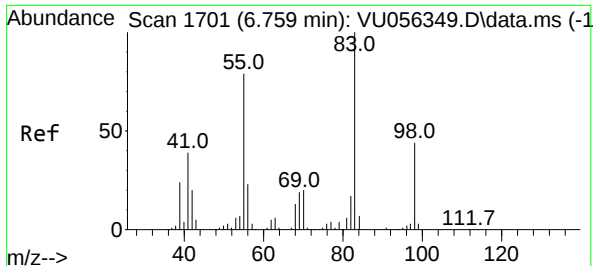


#34
 Trichloroethene
 Concen: 5.521 ug/L
 RT: 6.538 min Scan# 1632
 Delta R.T. 0.000 min
 Lab File: VU056355.D
 Acq: 15 Nov 2023 15:13

Tgt Ion: 95 Resp: 118467

Ion	Ratio	Lower	Upper
95	100		
97	63.6	46.5	86.3
132	86.6	62.0	115.2
130	91.5	66.3	123.1

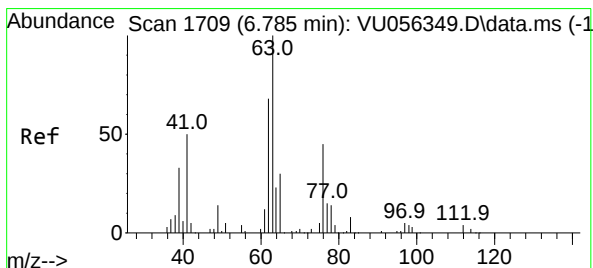
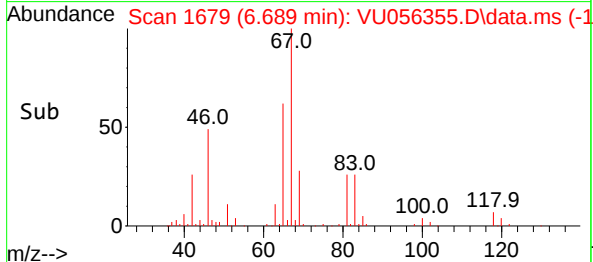
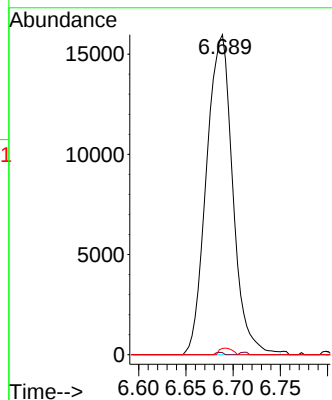
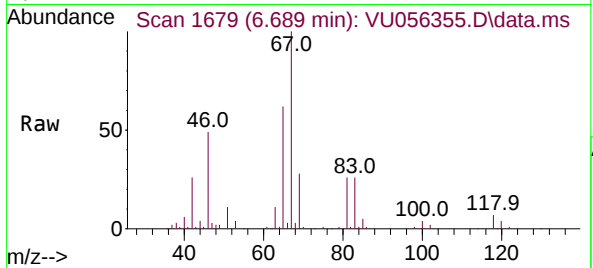




#35
Methylcyclohexane
Concen: 0.997 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU056355.D
Acq: 15 Nov 2023 15:13

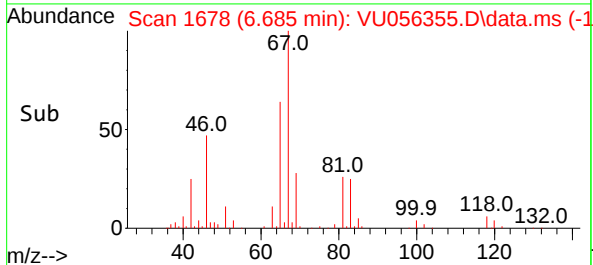
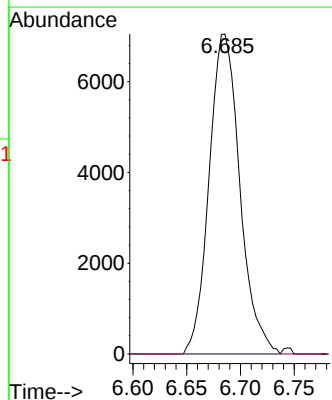
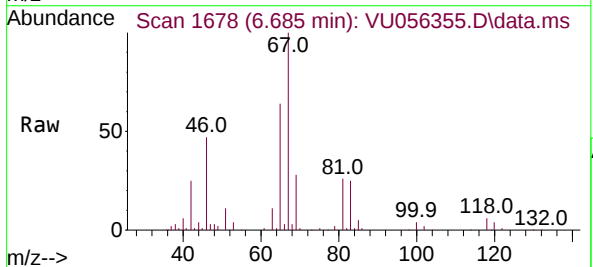
Instrument :
MSVOA_U
ClientSampleId :

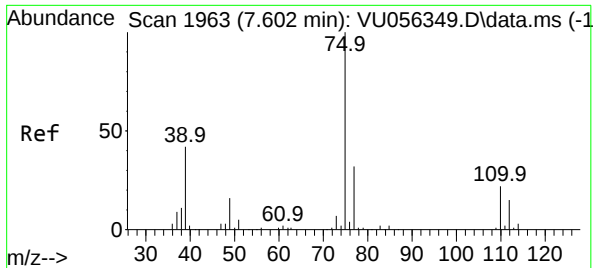
Tgt Ion: 83 Resp: 30877
Ion Ratio Lower Upper
83 100
55 0.2 62.9 94.3#
98 1.0 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.683 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.099 min
Lab File: VU056355.D
Acq: 15 Nov 2023 15:13

Tgt Ion: 63 Resp: 14019
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 7.560 min Scan# 1963

Delta R.T. -0.042 min

Lab File: VU056355.D

Acq: 15 Nov 2023 15:13

Instrument :

MSVOA_U

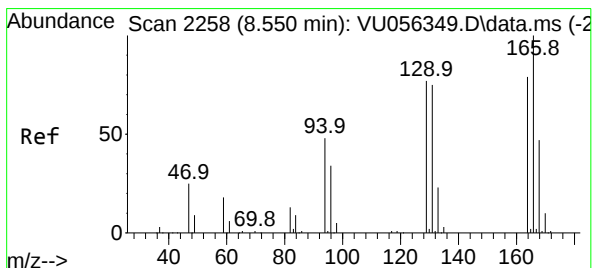
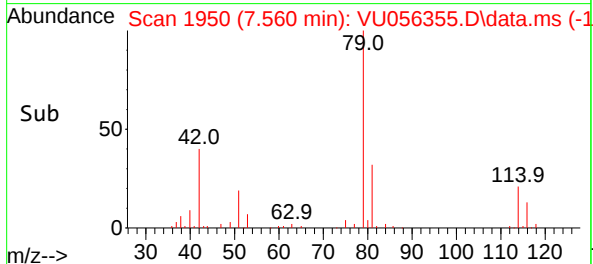
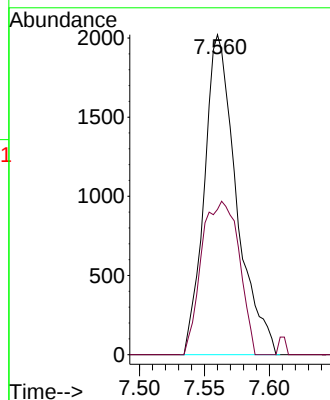
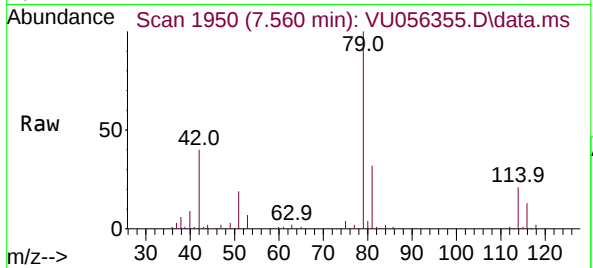
ClientSampleId :

Tgt Ion: 75 Resp: 3468

Ion Ratio Lower Upper

75 100

77 45.4 21.5 39.9#



#47

Tetrachloroethene

Concen: 0.870 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU056355.D

Acq: 15 Nov 2023 15:13

Tgt Ion: 164 Resp: 12584

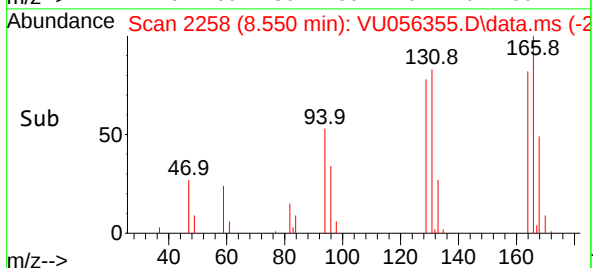
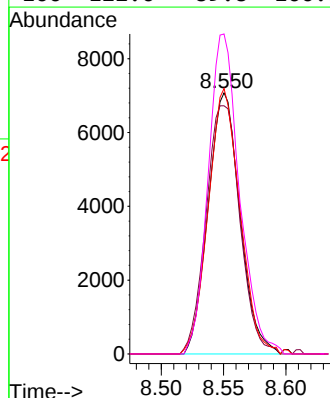
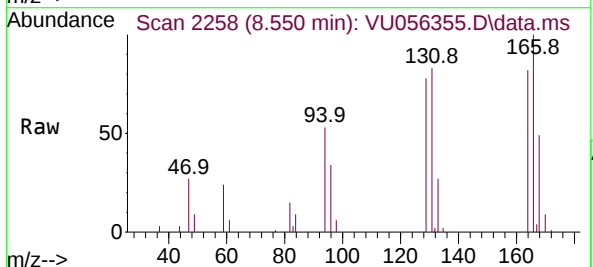
Ion Ratio Lower Upper

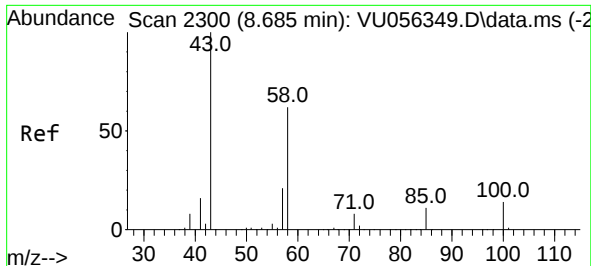
164 100

129 95.1 71.0 131.9

131 101.7 70.3 130.7

166 122.6 89.8 166.8

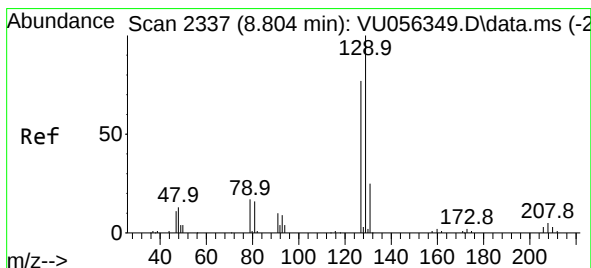
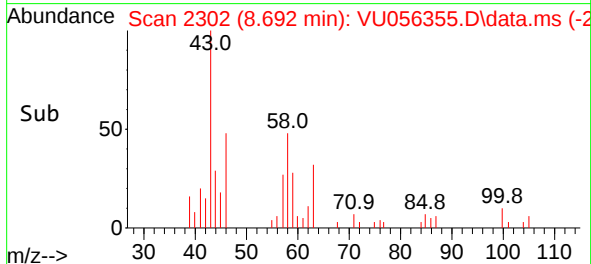
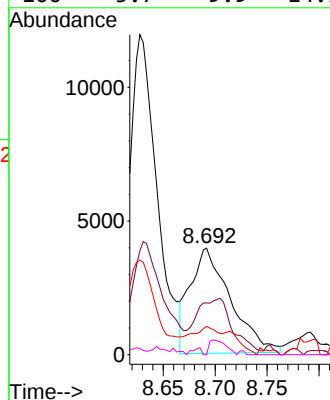
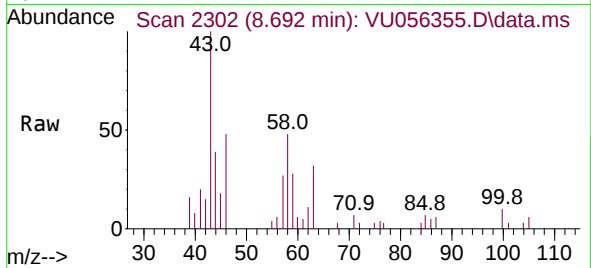




#48
2-Hexanone
Concen: 1.341 ug/L
RT: 8.692 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU056355.D
Acq: 15 Nov 2023 15:13

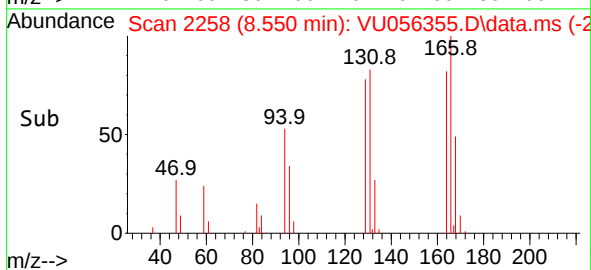
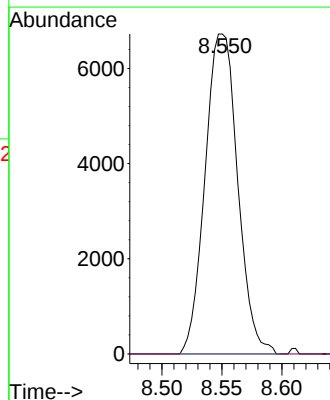
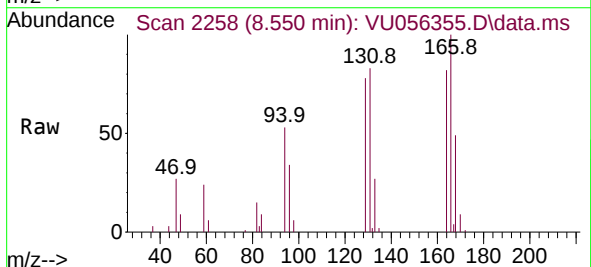
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MSVOA_U
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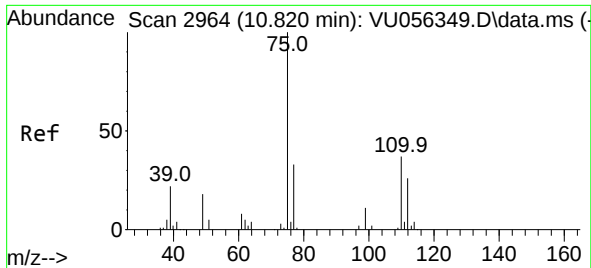
Tgt Ion: 43 Resp: 10631
Ion Ratio Lower Upper
43 100
58 48.6 48.7 73.1#
57 5.8 16.8 25.2#
100 5.7 9.9 14.9#



#49
Dibromochloromethane
Concen: 0.819 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU056355.D
Acq: 15 Nov 2023 15:13

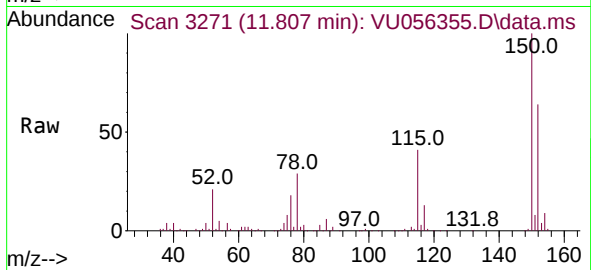
Tgt Ion: 129 Resp: 12739
Ion Ratio Lower Upper
129 100
127 0.0 52.9 98.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.420 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU056355.D
 Acq: 15 Nov 2023 15:13

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 14669
 Ion Ratio Lower Upper
 75 100
 110 1.6 30.4 45.6#
 77 33.7 27.0 40.6

