

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091523\
 Data File : VU055346.D
 Acq On : 15 Sep 2023 18:13
 Operator : MD/SY
 Sample : 04380-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 16 00:44:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 16 00:42:29 2023
 Response via : Initial Calibration

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

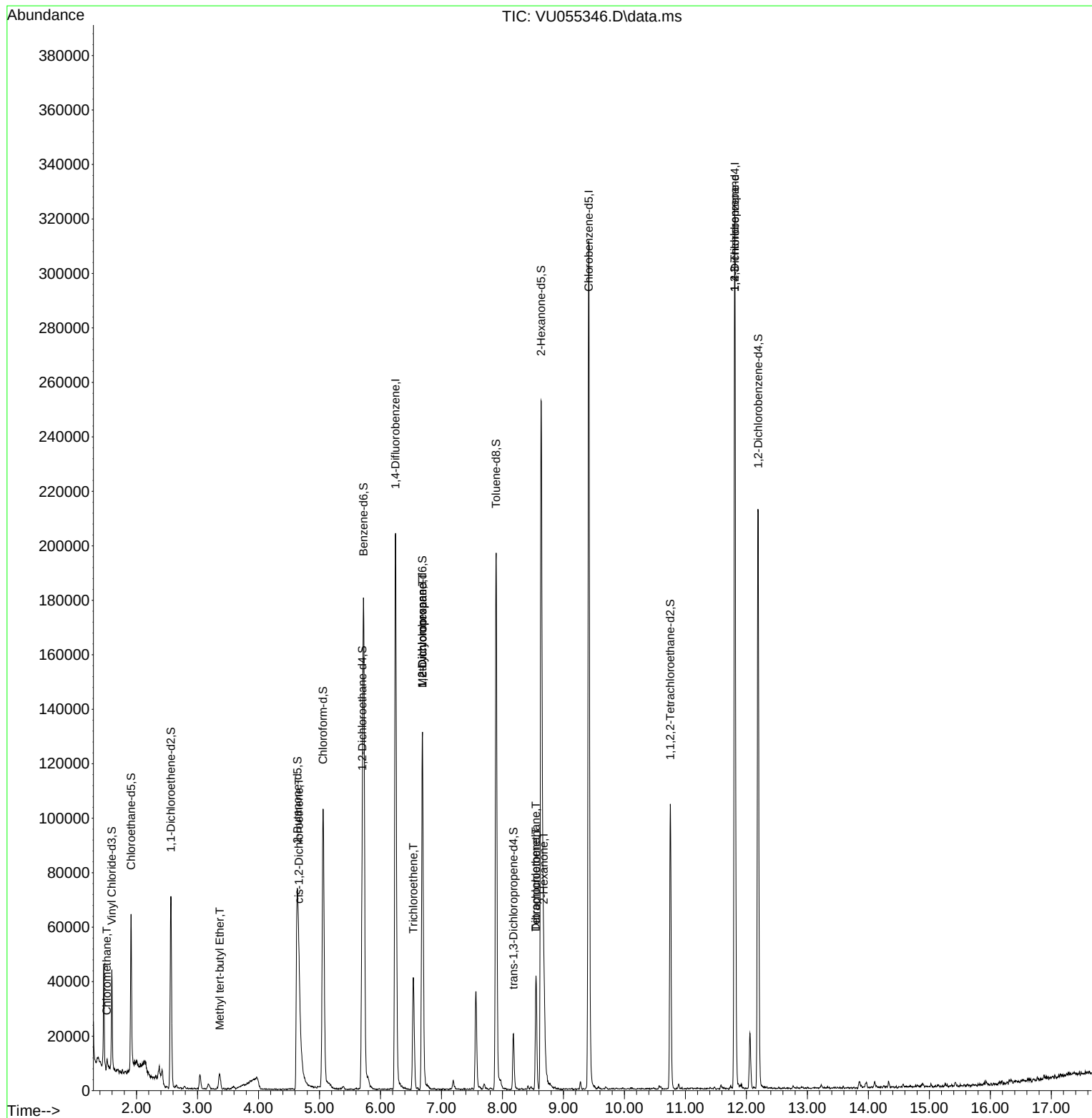
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	165714	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	170186	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	83108	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	23619	2.480	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	49.600%
7) Chloroethane-d5	1.911	69	38403	3.572	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.400%
11) 1,1-Dichloroethene-d2	2.563	65	12755	3.702	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	4.637	46	151518	57.527	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.060%
24) Chloroform-d	5.058	84	96469	4.535	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.701	65	52153	4.859	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.724	84	167493	4.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.689	67	62297	5.125	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.897	98	135229	4.397	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.180	79	11942	2.769	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	55.400%
46) 2-Hexanone-d5	8.634	63	81983	52.243	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.480%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	51934	4.913	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	54735	5.114	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	2381	0.156	ug/L	89
17) Methyl tert-butyl Ether	3.364	73	5948	0.213	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	4128	0.275	ug/L	88
34) Trichloroethene	6.541	95	13285	0.829	ug/L	94
35) Methylcyclohexane	6.689	83	14896	0.639	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	6701	0.453	ug/L #	89
47) Tetrachloroethene	8.550	164	8763	0.797	ug/L	91
48) 2-Hexanone	8.679	43	18473	3.492	ug/L #	88
49) Dibromochloromethane	8.550	129	9617	0.917	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	11772	1.463	ug/L #	66

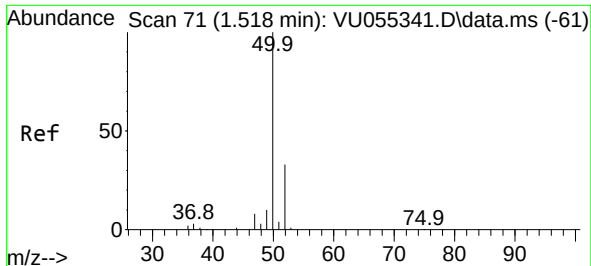
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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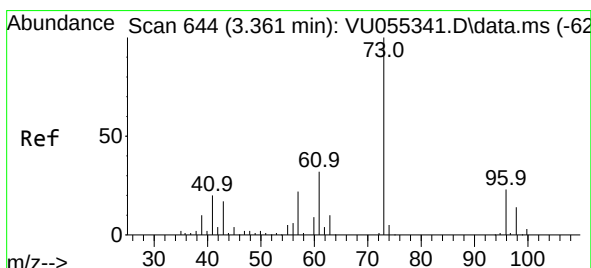
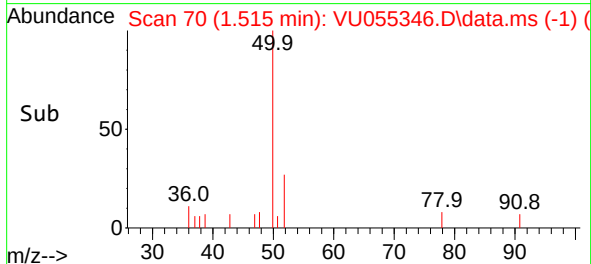
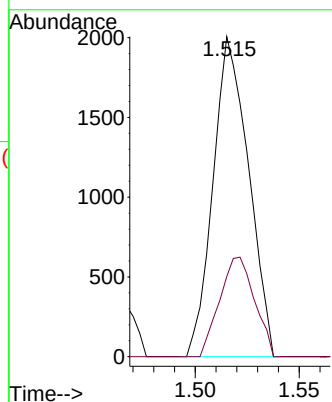
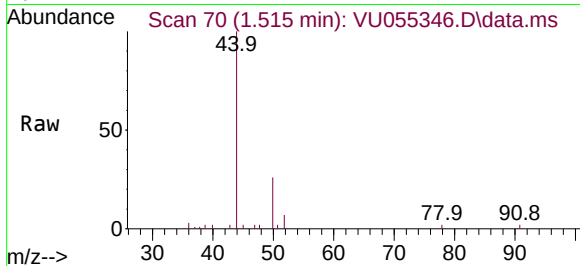




#3
Chloromethane
Concen: 0.156 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU055346.D
Acq: 15 Sep 2023 18:13

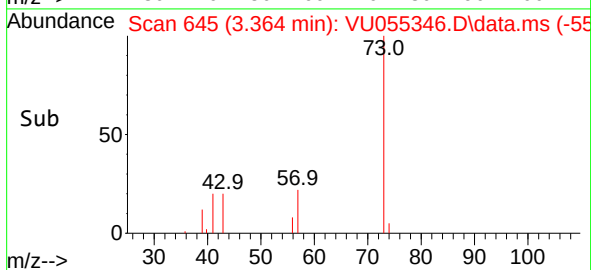
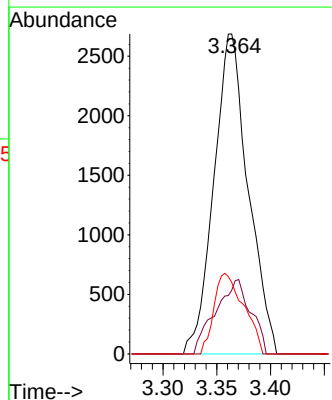
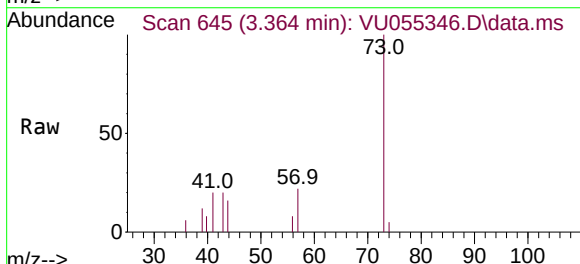
Instrument :
MSVOA_U
ClientSampleId :

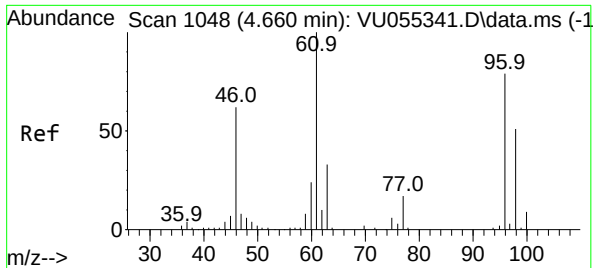
Tgt Ion: 50 Resp: 2381
Ion Ratio Lower Upper
50 100
52 25.1 22.0 40.8



#17
Methyl tert-butyl Ether
Concen: 0.213 ug/L
RT: 3.364 min Scan# 645
Delta R.T. 0.003 min
Lab File: VU055346.D
Acq: 15 Sep 2023 18:13

Tgt Ion: 73 Resp: 5948
Ion Ratio Lower Upper
73 100
43 23.8 16.0 24.0
57 21.9 17.2 25.8

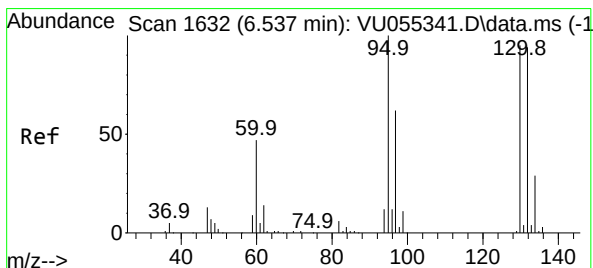
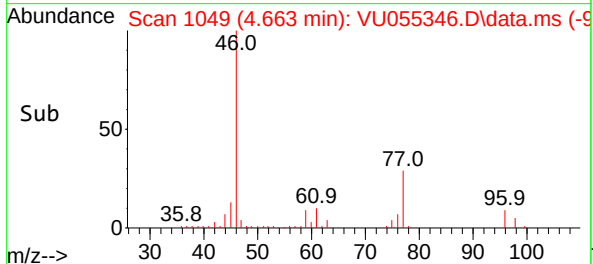
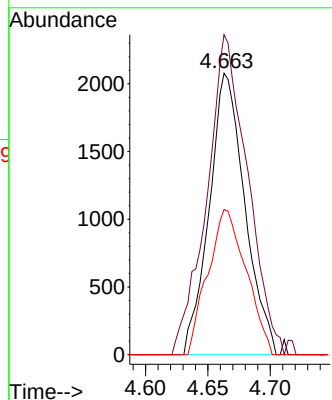
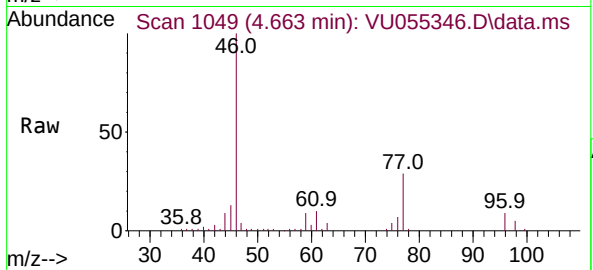




#22
 cis-1,2-Dichloroethene
 Concen: 0.275 ug/L
 RT: 4.663 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU055346.D
 Acq: 15 Sep 2023 18:13

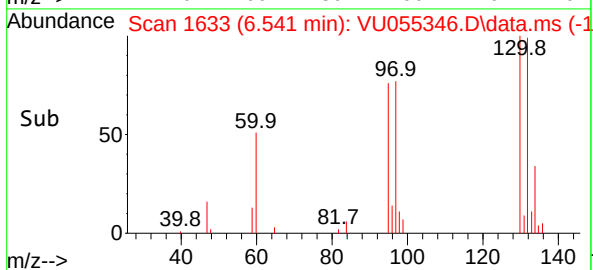
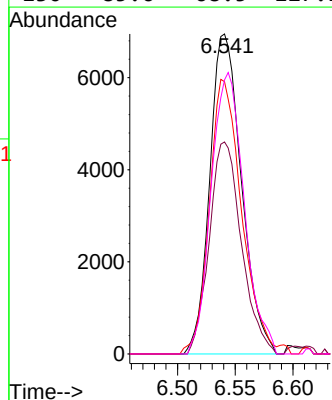
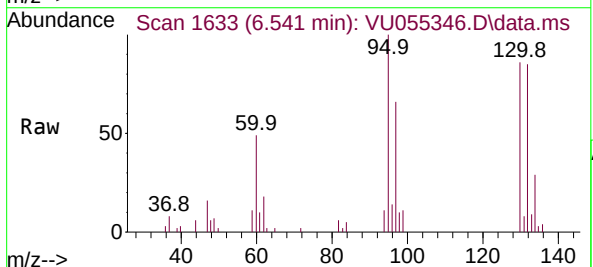
Instrument :
 MSVOA_U
 ClientSampleId :

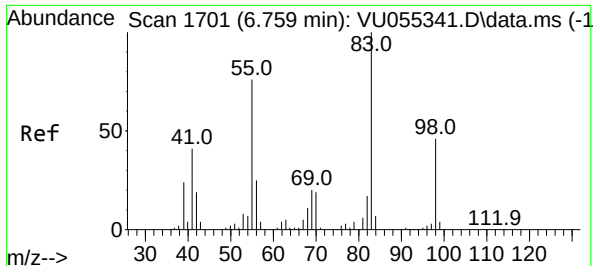
Tgt Ion: 96 Resp: 4128
 Ion Ratio Lower Upper
 96 100
 61 113.7 88.1 163.7
 98 51.6 43.5 80.7



#34
 Trichloroethene
 Concen: 0.829 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.003 min
 Lab File: VU055346.D
 Acq: 15 Sep 2023 18:13

Tgt Ion: 95 Resp: 13285
 Ion Ratio Lower Upper
 95 100
 97 66.3 47.4 88.0
 132 85.1 60.5 112.3
 130 85.6 68.5 127.1

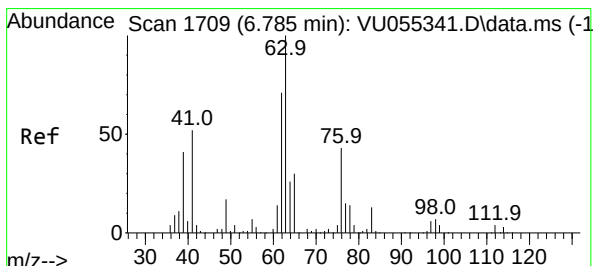
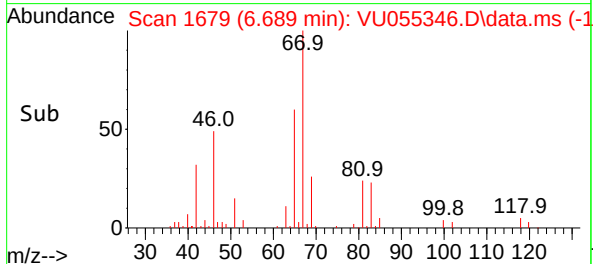
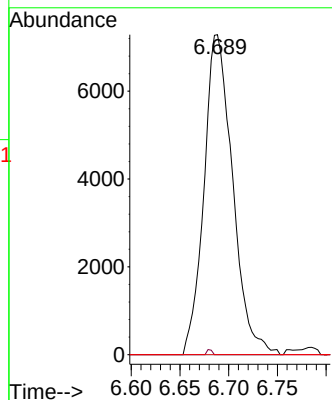
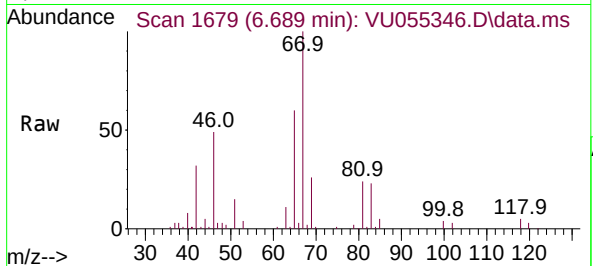




#35
Methylcyclohexane
Concen: 0.639 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055346.D
Acq: 15 Sep 2023 18:13

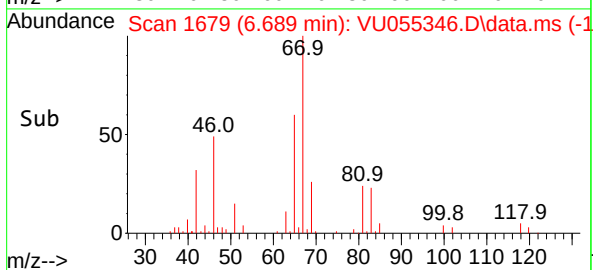
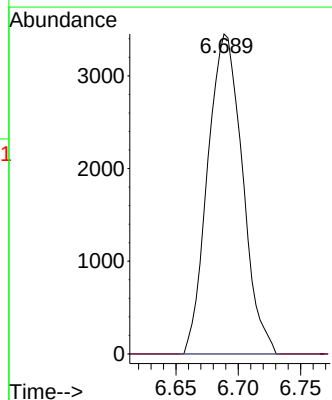
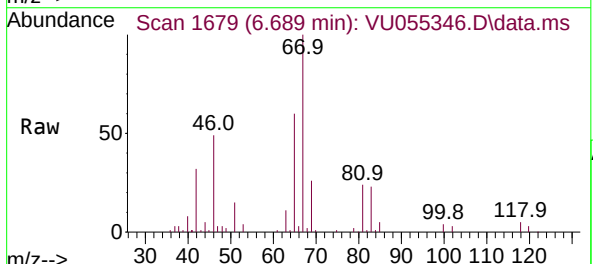
Instrument :
MSVOA_U
ClientSampleId :

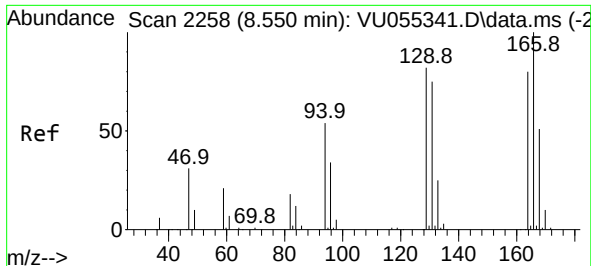
Tgt Ion: 83 Resp: 14896
Ion Ratio Lower Upper
83 100
55 0.3 58.7 88.1#
98 0.8 36.3 54.5#



#37
1,2-Dichloropropane
Concen: 0.453 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.096 min
Lab File: VU055346.D
Acq: 15 Sep 2023 18:13

Tgt Ion: 63 Resp: 6701
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#





#47

Tetrachloroethene

Concen: 0.797 ug/L

RT: 8.550 min Scan# 21

Delta R.T. 0.000 min

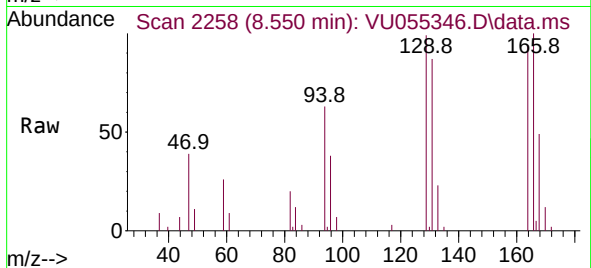
Lab File: VU055346.D

Acq: 15 Sep 2023 18:13

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 8763

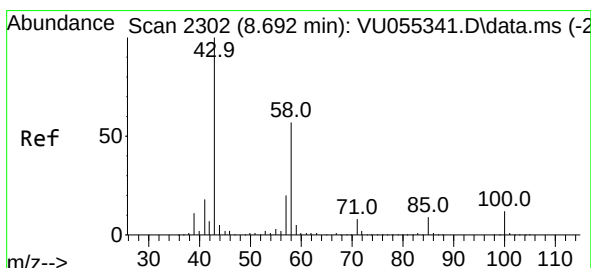
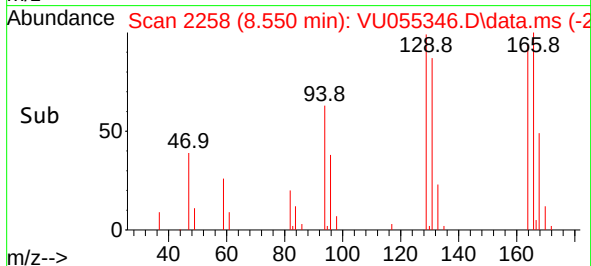
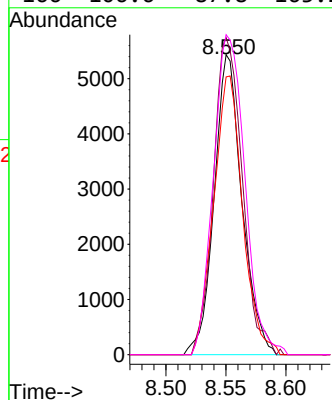
Ion Ratio Lower Upper

164 100

129 105.6 76.3 141.7

131 92.6 69.1 128.3

166 106.6 87.8 163.2



#48

2-Hexanone

Concen: 3.492 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. -0.013 min

Lab File: VU055346.D

Acq: 15 Sep 2023 18:13

Tgt Ion: 43 Resp: 18473

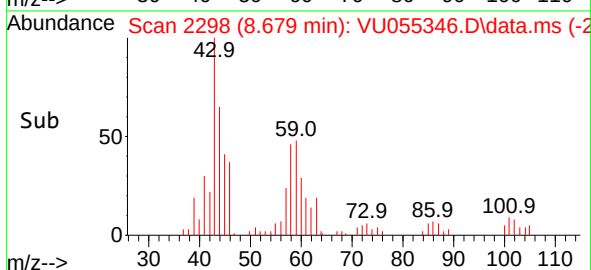
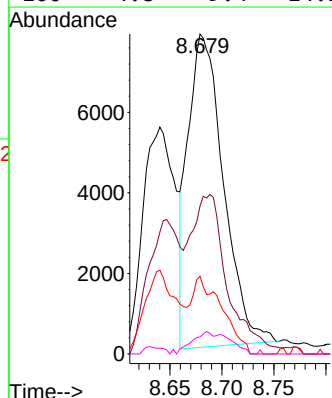
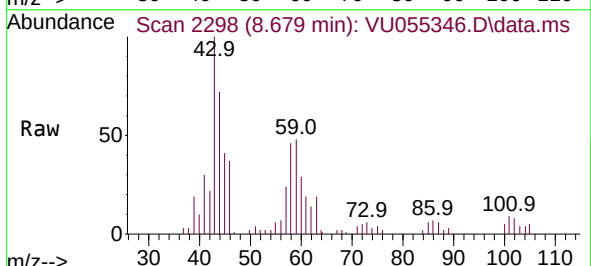
Ion Ratio Lower Upper

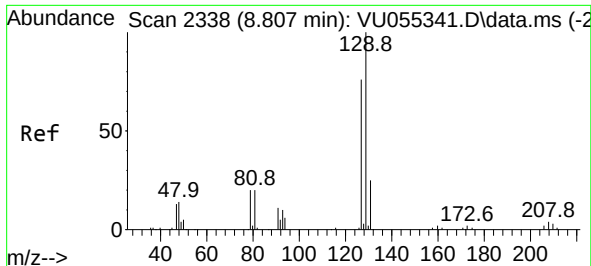
43 100

58 49.5 47.8 71.6

57 21.1 15.4 23.2

100 4.8 9.4 14.2#

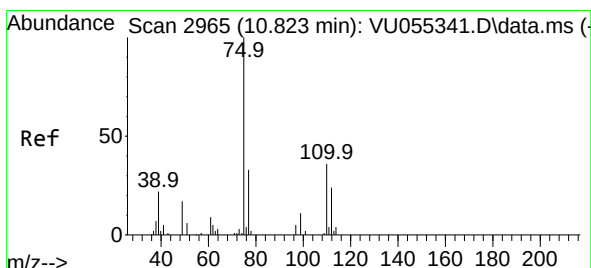
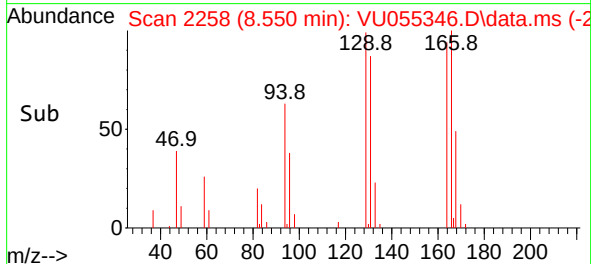
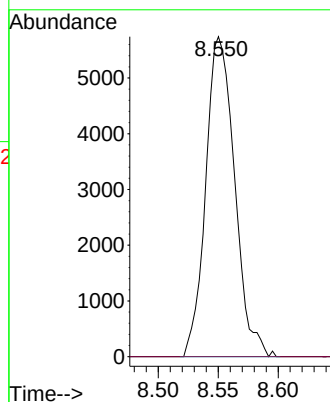
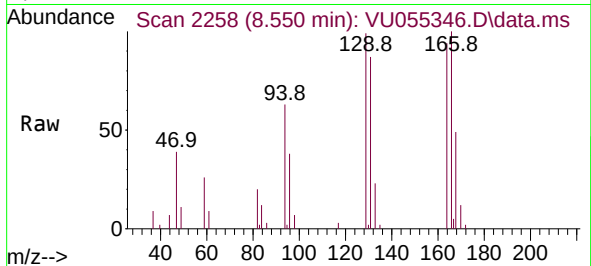




#49
Dibromochloromethane
Concen: 0.917 ug/L
RT: 8.550 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU055346.D
Acq: 15 Sep 2023 18:13

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 9617
Ion Ratio Lower Upper
129 100
127 0.0 53.4 99.2#



#61
1,2,3-Trichloropropane
Concen: 1.463 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.984 min
Lab File: VU055346.D
Acq: 15 Sep 2023 18:13

Tgt Ion: 75 Resp: 11772
Ion Ratio Lower Upper
75 100
110 2.2 31.4 47.2#
77 31.9 26.0 39.0

