

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052223\
 Data File : VU054239.D
 Acq On : 22 May 2023 11:55
 Operator : JC/MD
 Sample : 02874-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CONY6

Quant Time: May 22 12:43:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 20 02:06:23 2023
 Response via : Initial Calibration

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

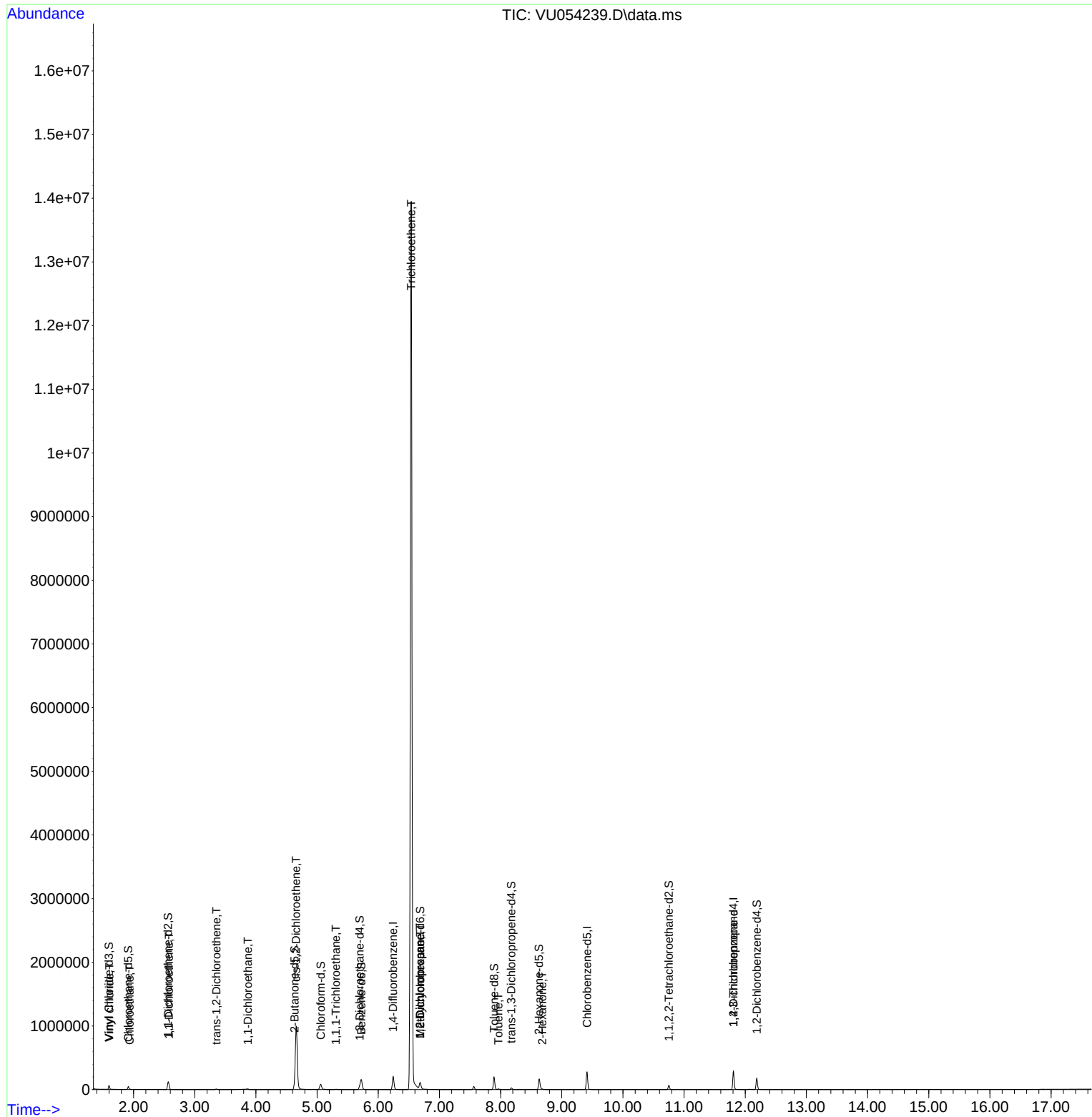
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	173337	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	161962	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	80888	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	39027	4.176	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.912	69	33355	4.771	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.565	65	18580	4.402	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.632	46	90301	54.184	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.360%
24) Chloroform-d	5.060	84	77771	4.426	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.697	65	36608	4.529	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.722	84	155057	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.687	67	46823	4.912	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.893	98	135585	4.353	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	8.176	79	18039	4.685	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.629	63	60081	52.405	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.820%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	33231	4.863	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	49194	4.984	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	9369	0.726	ug/L #	72
8) Chloroethane	1.935	64	2063	0.252	ug/L	85
12) 1,1-Dichloroethene	2.578	96	16250	1.532	ug/L #	51
18) trans-1,2-Dichloroethene	3.356	96	3858	0.358	ug/L	90
19) 1,1-Dichloroethane	3.867	63	10532	0.487	ug/L	91
22) cis-1,2-Dichloroethene	4.658	96	530179	42.019	ug/L	97
29) 1,1,1-Trichloroethane	5.308	97	4191	0.207	ug/L	95
34) Trichloroethene	6.539	95	4791709	388.664	ug/L	98
35) Methylcyclohexane	6.687	83	11767	0.653	ug/L #	18
37) 1,2-Dichloropropane	6.681	63	5018	0.417	ug/L #	88
42) Toluene	7.967	91	8045	0.166	ug/L	95
48) 2-Hexanone	8.680	43	3500	0.756	ug/L #	69
61) 1,2,3-Trichloropropane	11.806	75	9344	1.425	ug/L #	63

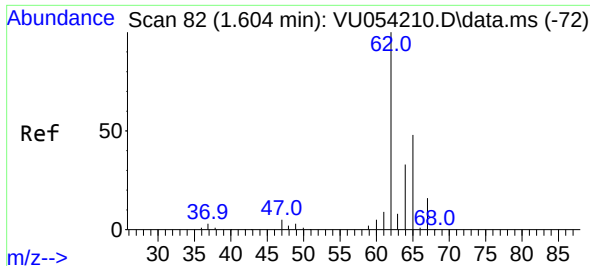
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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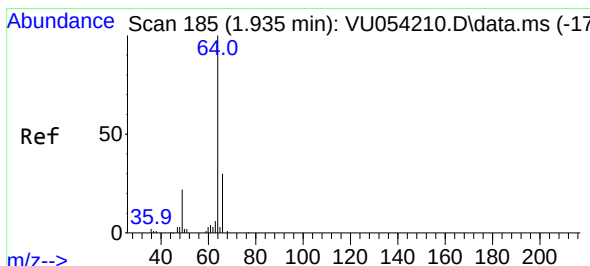
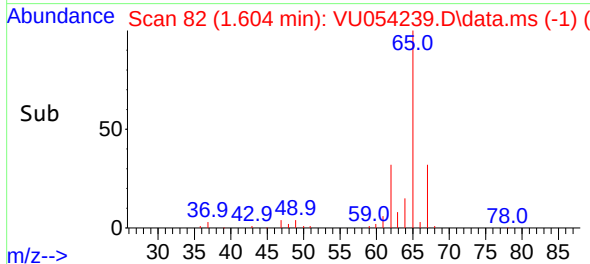
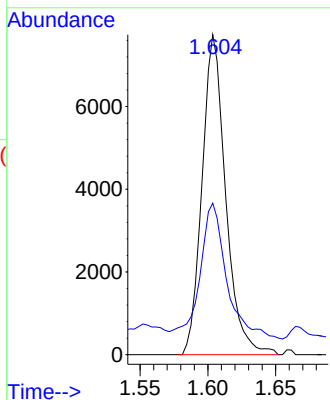
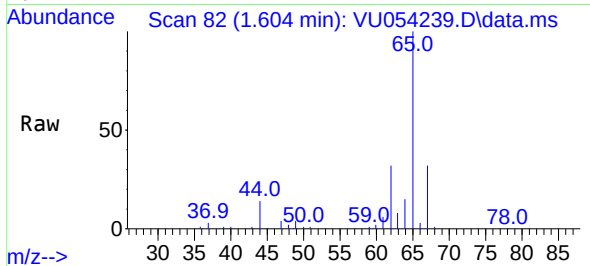




#5
 Vinyl chloride
 Concen: 0.726 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU054239.D
 Acq: 22 May 2023 11:55

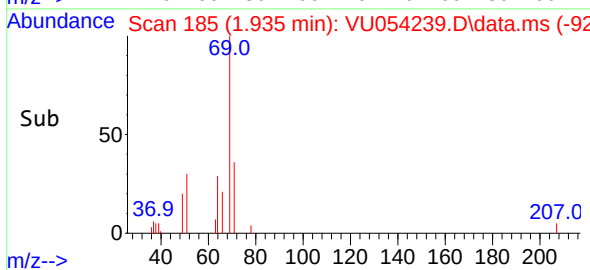
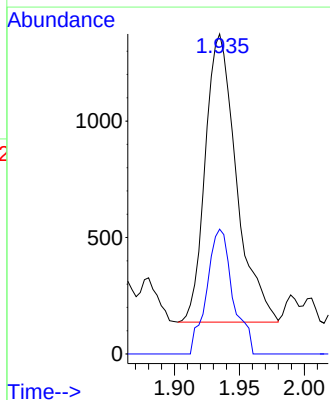
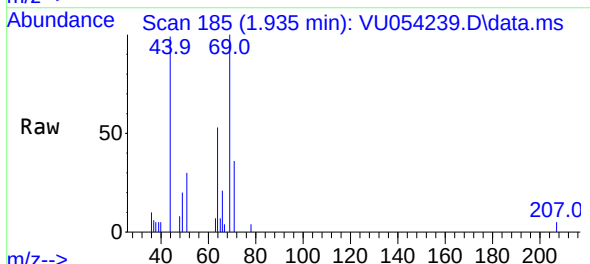
Instrument :
 MSVOA_U
 ClientSampleId :
 CONY6

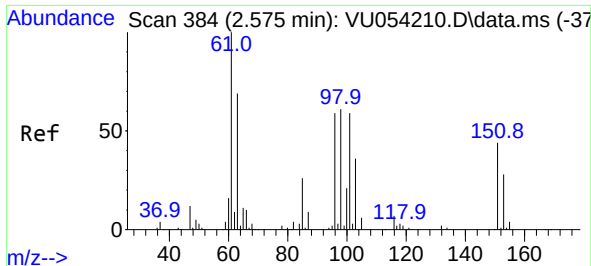
Tgt Ion: 62 Resp: 9369
 Ion Ratio Lower Upper
 62 100
 64 47.3 22.4 41.6#



#8
 Chloroethane
 Concen: 0.252 ug/L
 RT: 1.935 min Scan# 185
 Delta R.T. -0.000 min
 Lab File: VU054239.D
 Acq: 22 May 2023 11:55

Tgt Ion: 64 Resp: 2063
 Ion Ratio Lower Upper
 64 100
 66 39.0 21.6 40.0





#12

1,1-Dichloroethene

Concen: 1.532 ug/L

RT: 2.578 min Scan# 3

Delta R.T. 0.003 min

Lab File: VU054239.D

Acq: 22 May 2023 11:55

Instrument :

MSVOA_U

ClientSampleId :

CONY6

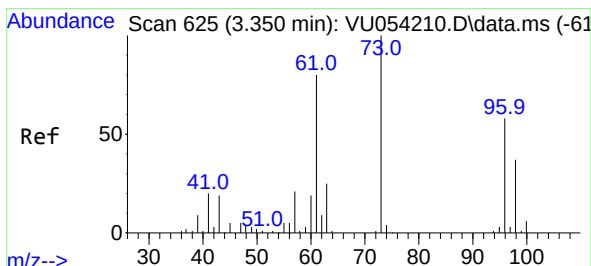
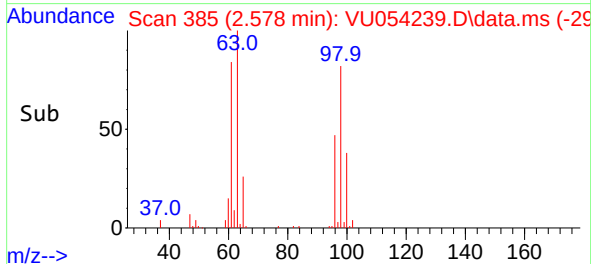
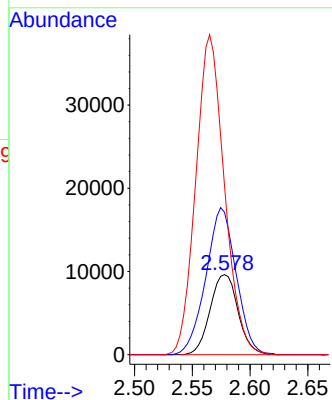
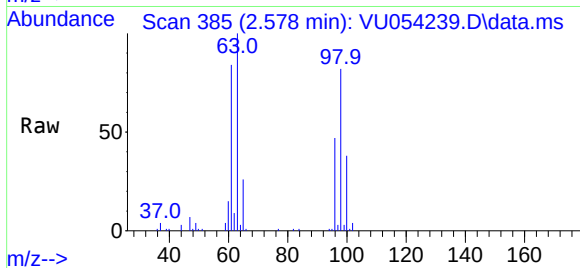
Tgt Ion: 96 Resp: 16250

Ion Ratio Lower Upper

96 100

61 177.8 114.7 212.9

63 211.2 68.6 127.4#



#18

trans-1,2-Dichloroethene

Concen: 0.358 ug/L

RT: 3.356 min Scan# 627

Delta R.T. 0.006 min

Lab File: VU054239.D

Acq: 22 May 2023 11:55

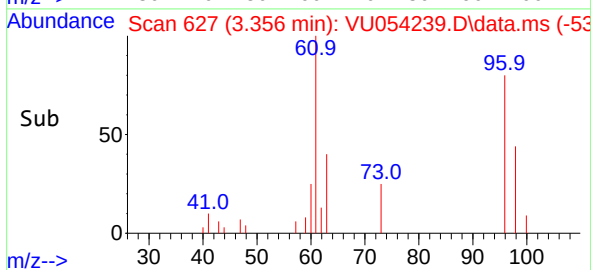
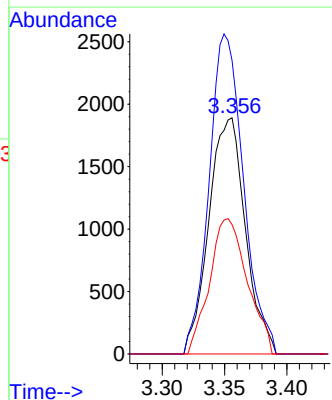
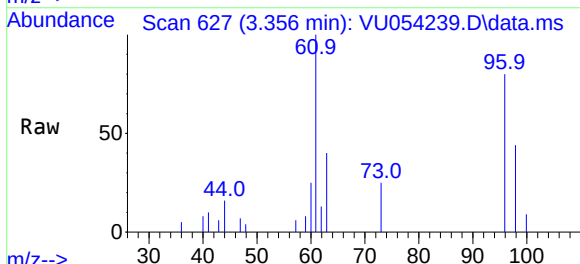
Tgt Ion: 96 Resp: 3858

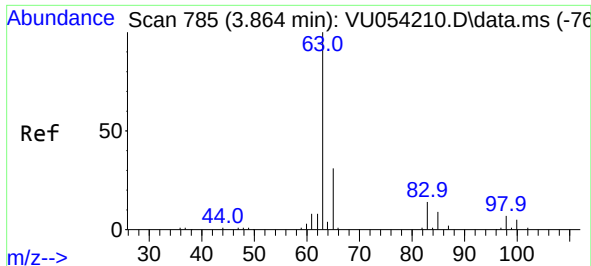
Ion Ratio Lower Upper

96 100

61 124.3 94.1 174.8

98 54.8 45.3 84.1

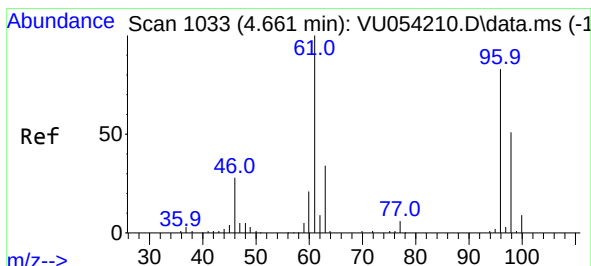
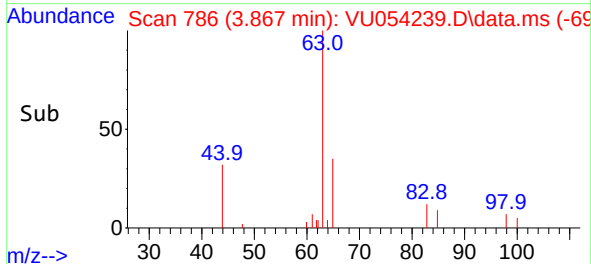
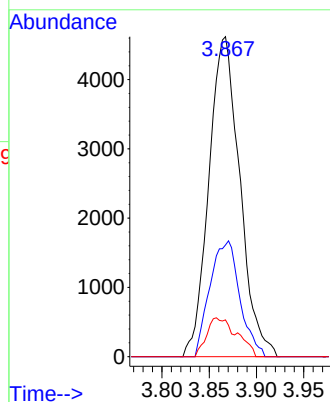
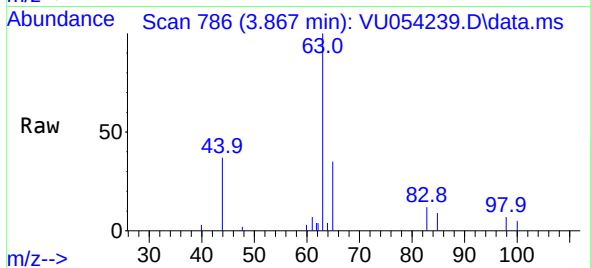




#19
1,1-Dichloroethane
Concen: 0.487 ug/L
RT: 3.867 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU054239.D
Acq: 22 May 2023 11:55

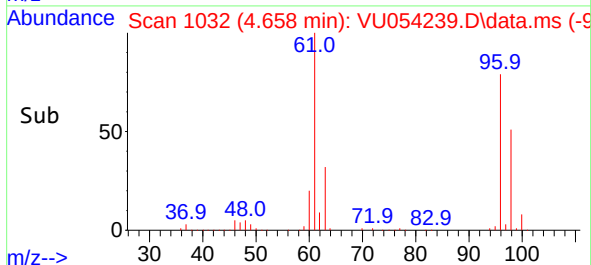
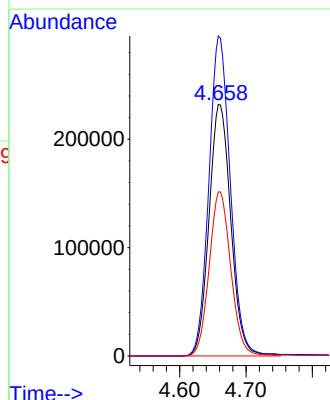
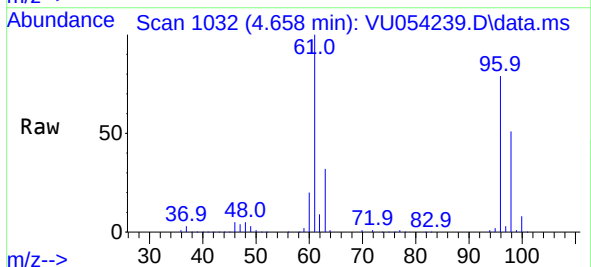
Instrument :
MSVOA_U
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CONY6

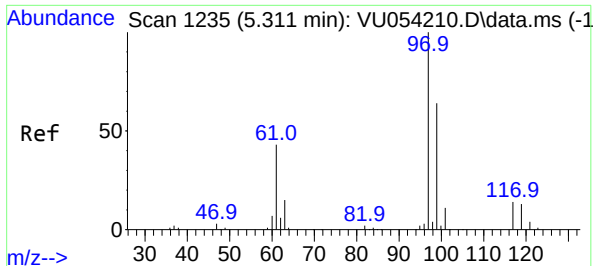
Tgt Ion: 63 Resp: 10532
Ion Ratio Lower Upper
63 100
65 34.9 20.7 38.5
83 11.5 10.1 18.7



#22
cis-1,2-Dichloroethene
Concen: 42.019 ug/L
RT: 4.658 min Scan# 1032
Delta R.T. -0.003 min
Lab File: VU054239.D
Acq: 22 May 2023 11:55

Tgt Ion: 96 Resp: 530179
Ion Ratio Lower Upper
96 100
61 127.2 85.0 157.8
98 65.2 45.8 85.0



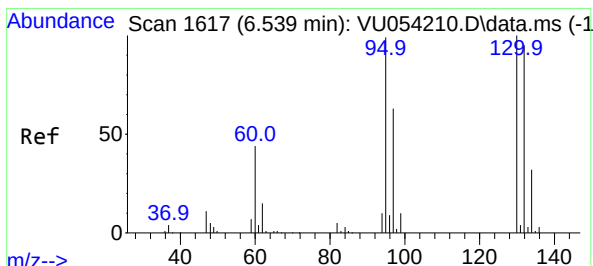
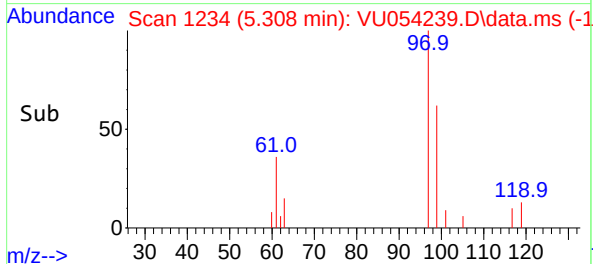
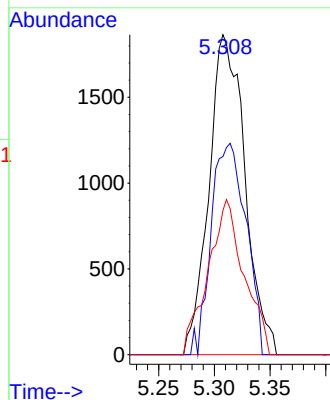
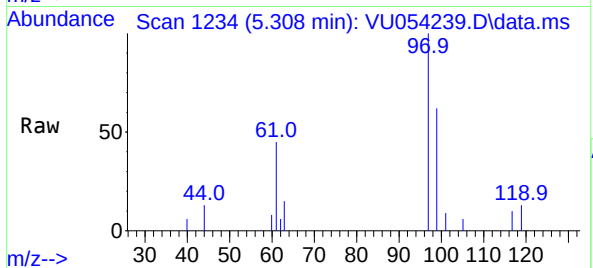


#29
1,1,1-Trichloroethane
Concen: 0.207 ug/L
RT: 5.308 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU054239.D
Acq: 22 May 2023 11:55

Instrument :
MSVOA_U
ClientSampleId :
CONY6

Tgt Ion: 97 Resp: 4191

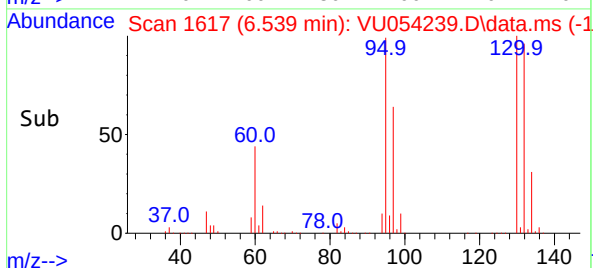
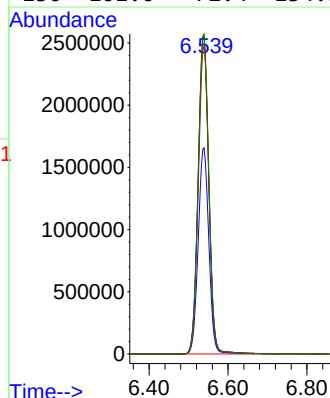
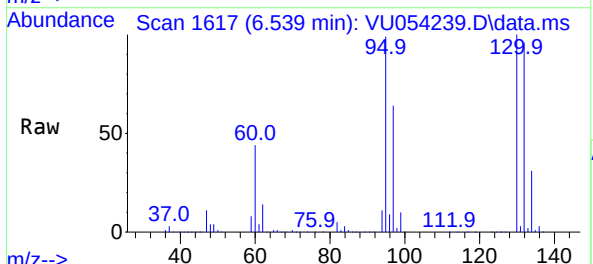
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.8	77.6
61	48.6	33.4	50.2

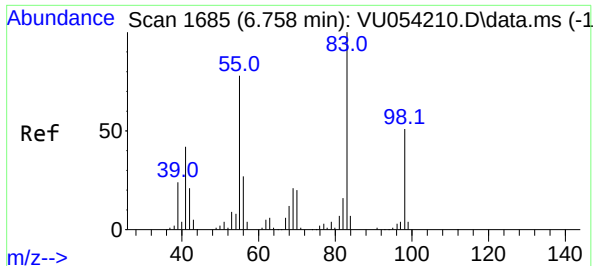


#34
Trichloroethene
Concen: 388.664 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU054239.D
Acq: 22 May 2023 11:55

Tgt Ion: 95 Resp: 4791709

Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.8	85.0
132	97.1	70.1	130.3
130	101.0	72.4	134.5

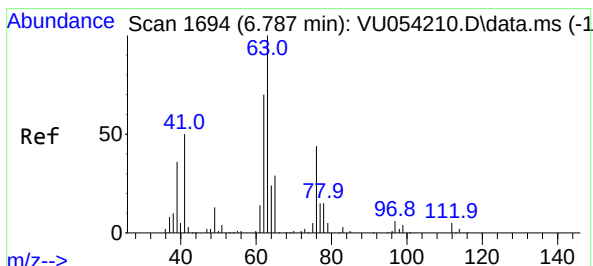
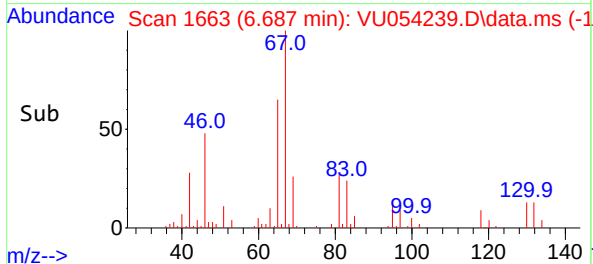
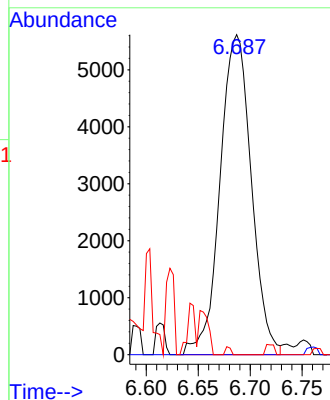
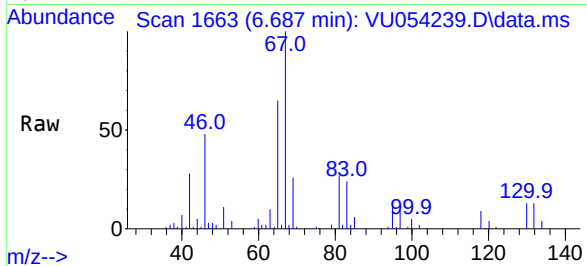




#35
Methylcyclohexane
Concen: 0.653 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU054239.D
Acq: 22 May 2023 11:55

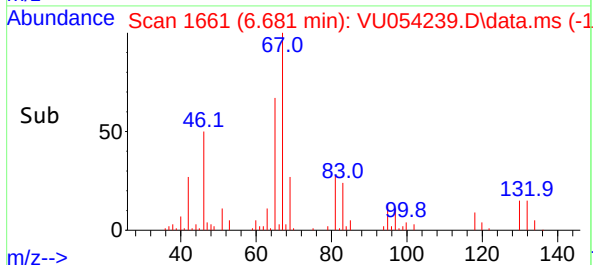
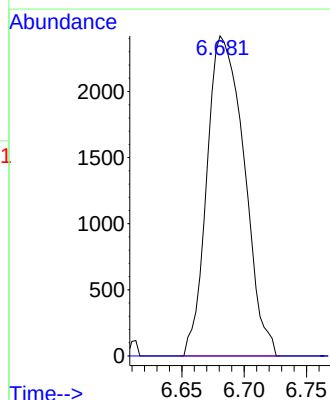
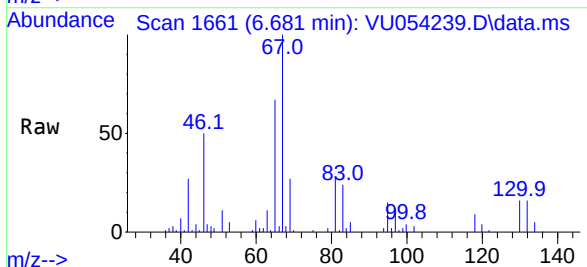
Instrument :
MSVOA_U
ClientSampleId :
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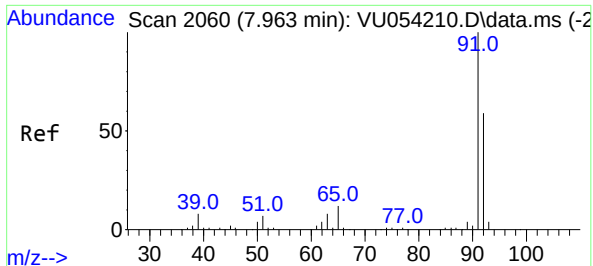
Tgt Ion: 83 Resp: 11767
Ion Ratio Lower Upper
83 100
55 0.8 61.6 92.4#
98 0.0 41.3 61.9#



#37
1,2-Dichloropropane
Concen: 0.417 ug/L
RT: 6.681 min Scan# 1661
Delta R.T. -0.106 min
Lab File: VU054239.D
Acq: 22 May 2023 11:55

Tgt Ion: 63 Resp: 5018
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

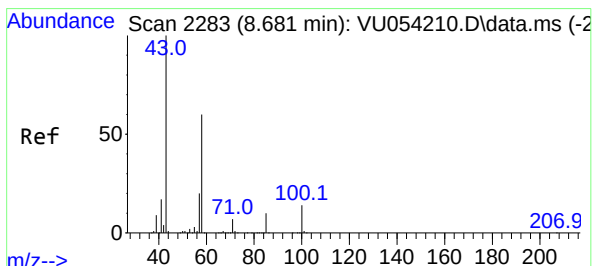
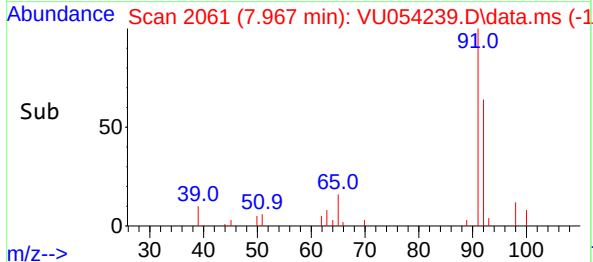
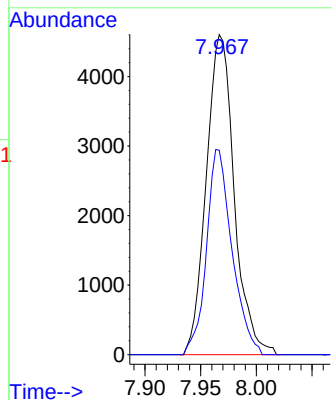
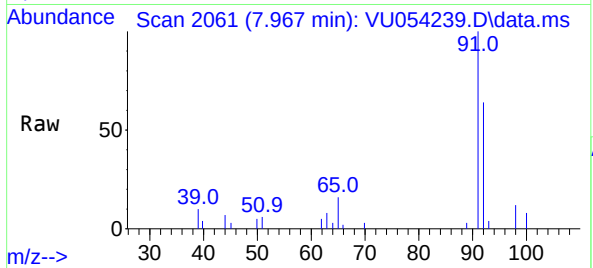




#42
Toluene
Concen: 0.166 ug/L
RT: 7.967 min Scan# 2060
Delta R.T. 0.003 min
Lab File: VU054239.D
Acq: 22 May 2023 11:55

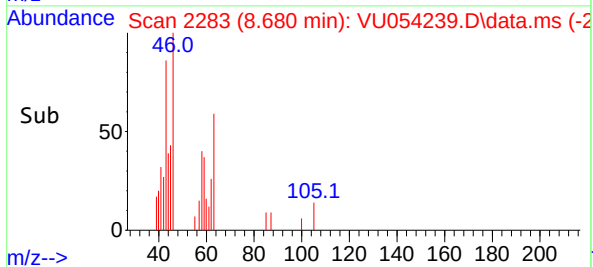
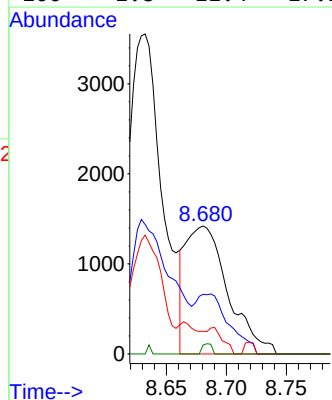
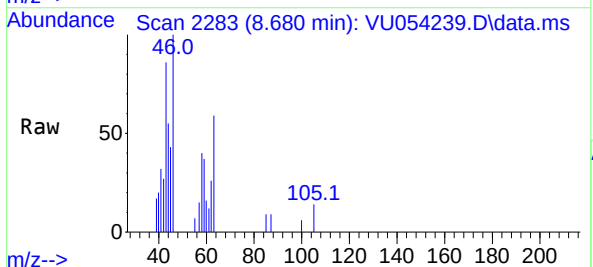
Instrument :
MSVOA_U
ClientSampleId :
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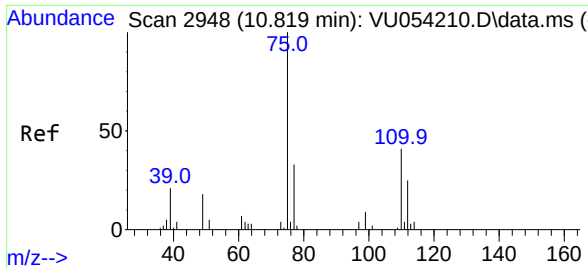
Tgt Ion: 91 Resp: 8045
Ion Ratio Lower Upper
91 100
92 63.9 42.1 78.1



#48
2-Hexanone
Concen: 0.756 ug/L
RT: 8.680 min Scan# 2283
Delta R.T. -0.000 min
Lab File: VU054239.D
Acq: 22 May 2023 11:55

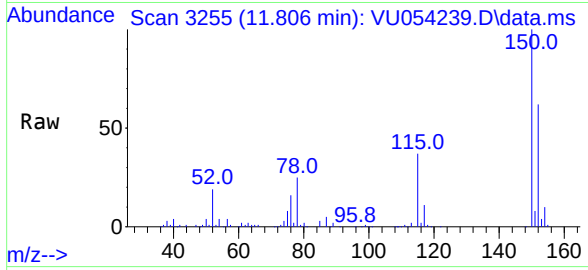
Tgt Ion: 43 Resp: 3500
Ion Ratio Lower Upper
43 100
58 36.5 48.6 72.8#
57 6.5 16.7 25.1#
100 1.8 11.4 17.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.425 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU054239.D
 Acq: 22 May 2023 11:55

Instrument :
 MSVOA_U
 ClientSampleId :
 CONY6



Tgt Ion: 75 Resp: 9344

Ion	Ratio	Lower	Upper
75	100		
110	0.8	32.3	48.5#
77	30.8	26.3	39.5

