

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052223\
 Data File : VU054238.D
 Acq On : 22 May 2023 11:32
 Operator : JC/MD
 Sample : 02874-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CONY5

Quant Time: May 22 12:43:06 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)

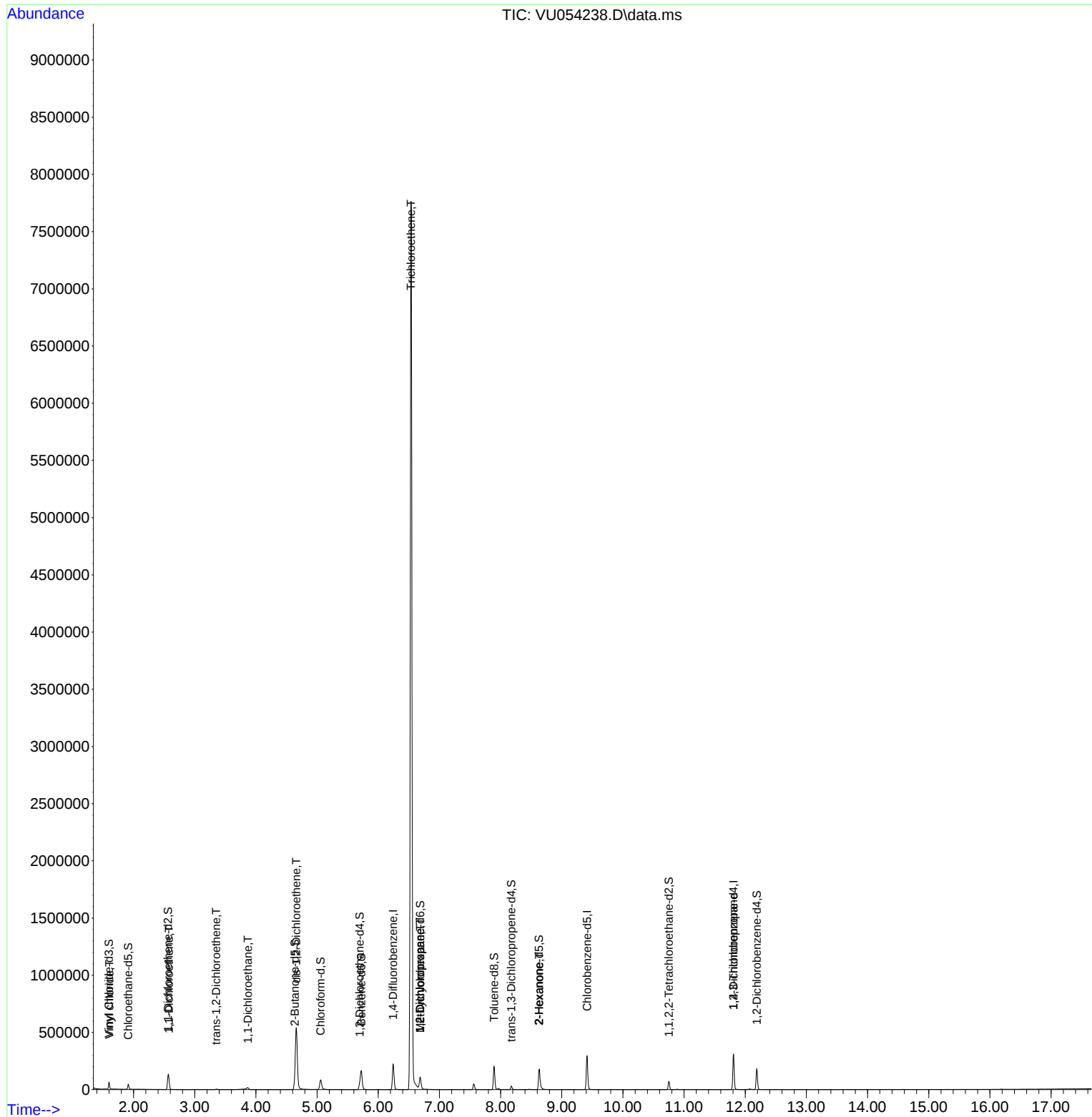
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	184319	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	173013	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	86509	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	41162	4.142	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.912	69	34043	4.579	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.562	65	18660	4.158	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	4.636	46	91143	51.431	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.860%
24) Chloroform-d	5.057	84	80414	4.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.697	65	38601	4.491	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.722	84	157393	4.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.687	67	48929	4.805	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.893	98	138681	4.168	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	8.176	79	18770	4.563	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.629	63	64601	52.748	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.500%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	35697	4.890	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	51000	4.831	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	7038	0.513	ug/L #	78
12) 1,1-Dichloroethene	2.578	96	20202	1.791	ug/L #	55
18) trans-1,2-Dichloroethene	3.350	96	1333	0.116	ug/L	87
19) 1,1-Dichloroethane	3.867	63	15533	0.676	ug/L	96
22) cis-1,2-Dichloroethene	4.661	96	282567	21.060	ug/L	98
34) Trichloroethene	6.536	95	2655713	201.651	ug/L	97
35) Methylcyclohexane	6.687	83	12262	0.637	ug/L #	17
37) 1,2-Dichloropropane	6.684	63	5219	0.406	ug/L #	88
48) 2-Hexanone	8.632	43	8112	1.639	ug/L #	70
61) 1,2,3-Trichloropropane	11.806	75	10185	1.452	ug/L #	65

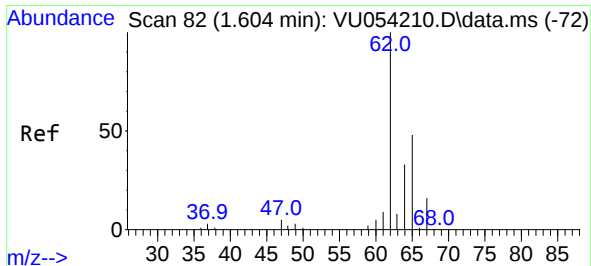
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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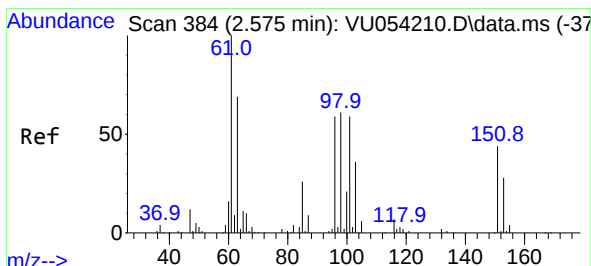
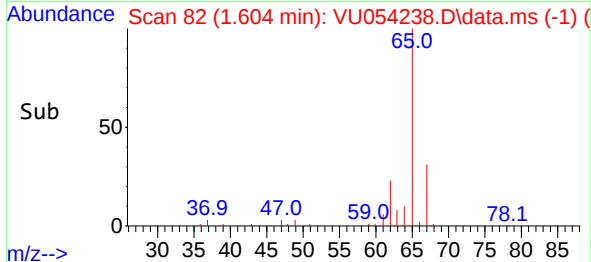
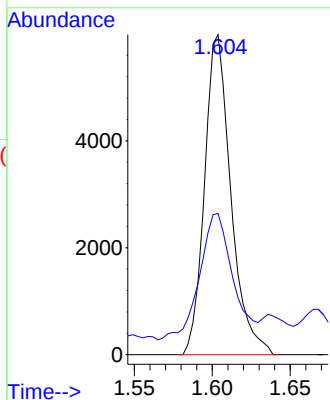
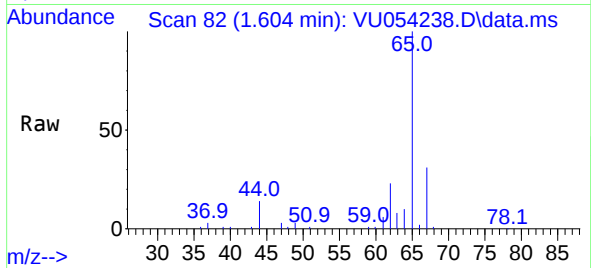




#5
 Vinyl chloride
 Concen: 0.513 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU054238.D
 Acq: 22 May 2023 11:32

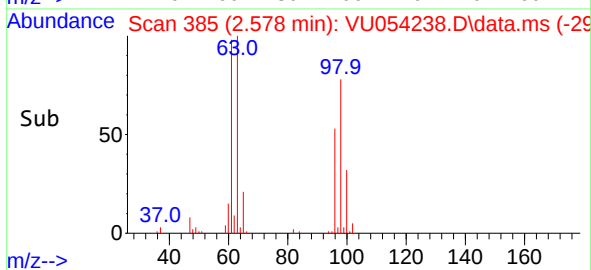
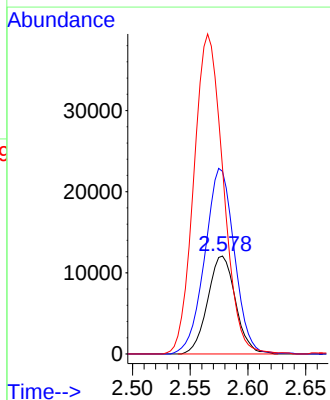
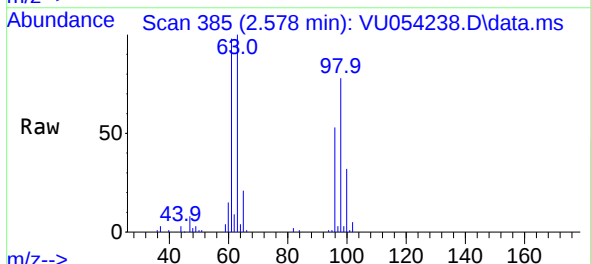
Instrument :
 MSVOA_U
 ClientSampleId :
 CONY5

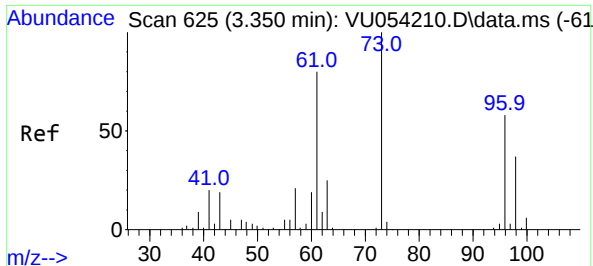
Tgt Ion: 62 Resp: 7038
 Ion Ratio Lower Upper
 62 100
 64 44.1 22.4 41.6#



#12
 1,1-Dichloroethene
 Concen: 1.791 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU054238.D
 Acq: 22 May 2023 11:32

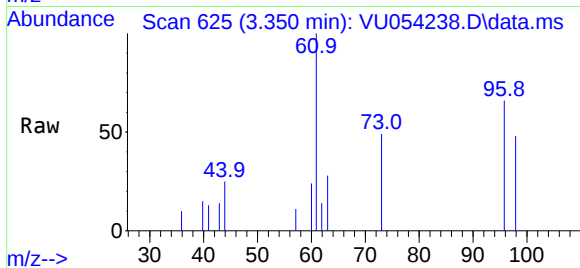
Tgt Ion: 96 Resp: 20202
 Ion Ratio Lower Upper
 96 100
 61 186.4 114.7 212.9
 63 189.9 68.6 127.4#



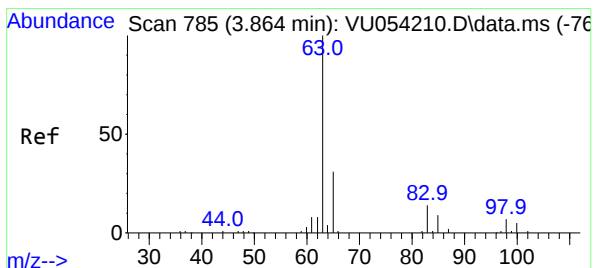
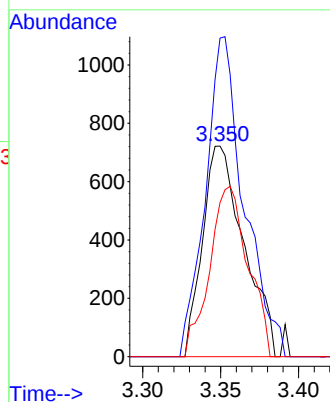
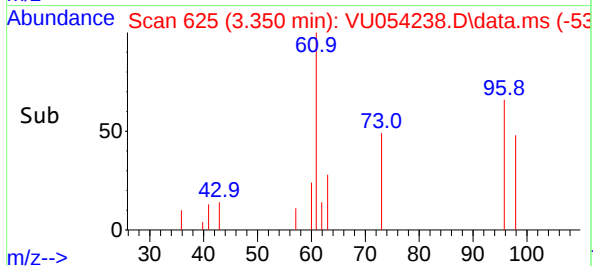


#18
trans-1,2-Dichloroethene
Concen: 0.116 ug/L
RT: 3.350 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU054238.D
Acq: 22 May 2023 11:32

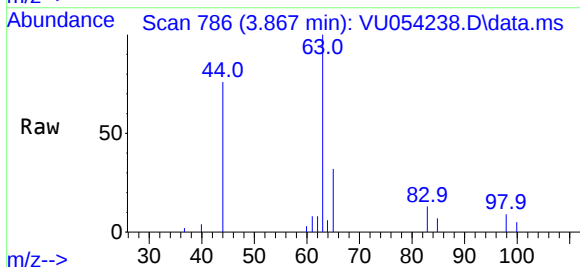
Instrument :
MSVOA_U
ClientSampleId :
CONY5



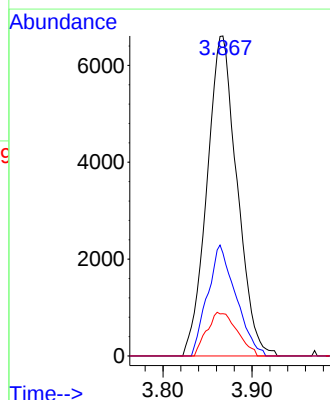
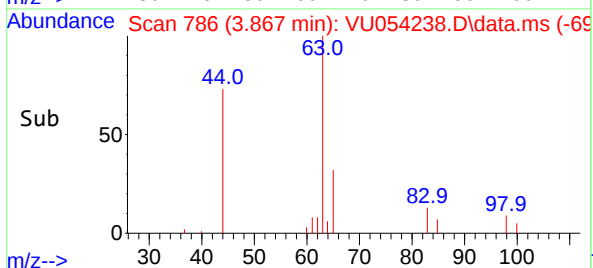
Tgt Ion: 96 Resp: 1333
Ion Ratio Lower Upper
96 100
61 151.2 94.1 174.8
98 73.1 45.3 84.1

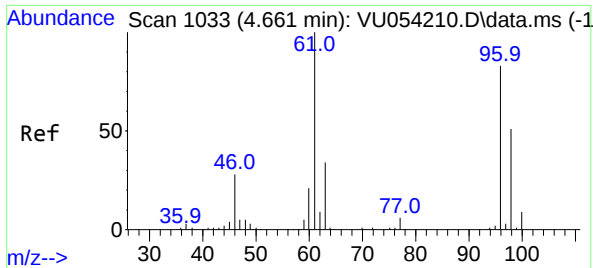


#19
1,1-Dichloroethane
Concen: 0.676 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.003 min
Lab File: VU054238.D
Acq: 22 May 2023 11:32



Tgt Ion: 63 Resp: 15533
Ion Ratio Lower Upper
63 100
65 32.1 20.7 38.5
83 13.2 10.1 18.7

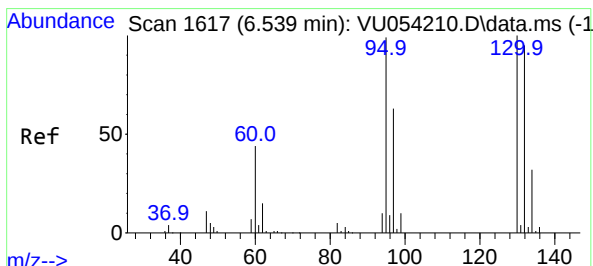
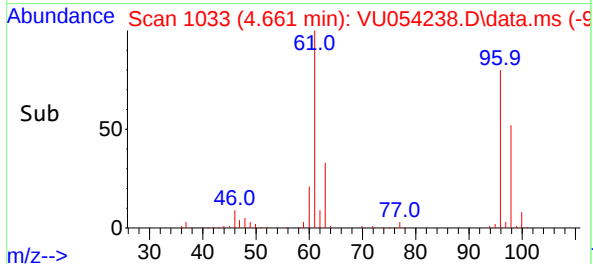
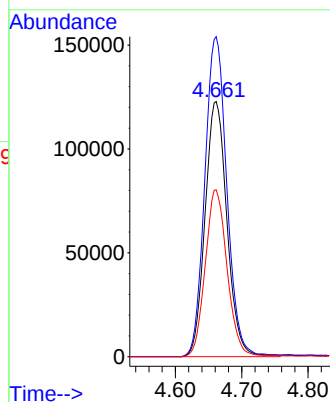
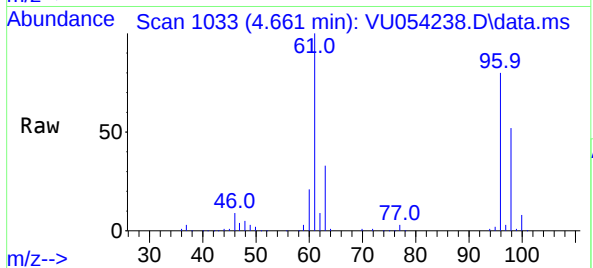




#22
cis-1,2-Dichloroethene
Concen: 21.060 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VU054238.D
Acq: 22 May 2023 11:32

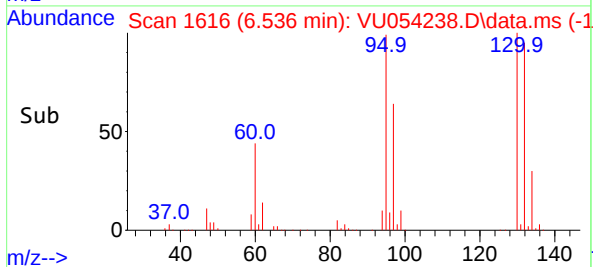
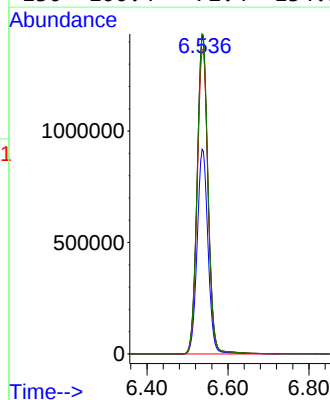
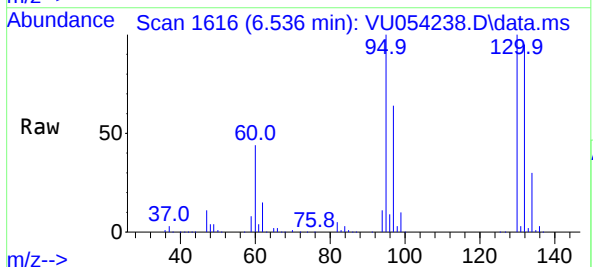
Instrument :
MSVOA_U
ClientSampleId :
CONY5

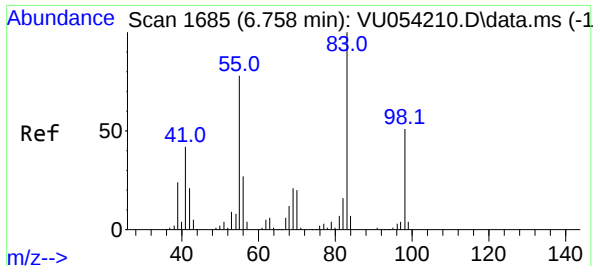
Tgt Ion: 96 Resp: 282567
Ion Ratio Lower Upper
96 100
61 125.4 85.0 157.8
98 65.4 45.8 85.0



#34
Trichloroethene
Concen: 201.651 ug/L
RT: 6.536 min Scan# 1616
Delta R.T. -0.003 min
Lab File: VU054238.D
Acq: 22 May 2023 11:32

Tgt Ion: 95 Resp: 2655713
Ion Ratio Lower Upper
95 100
97 64.3 45.8 85.0
132 95.6 70.1 130.3
130 100.4 72.4 134.5

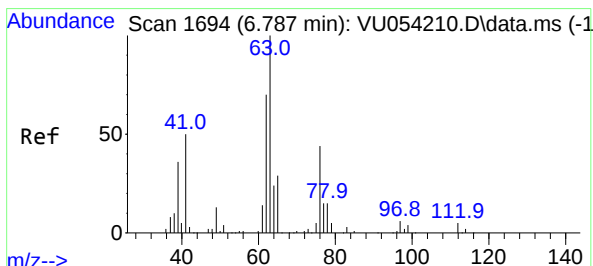
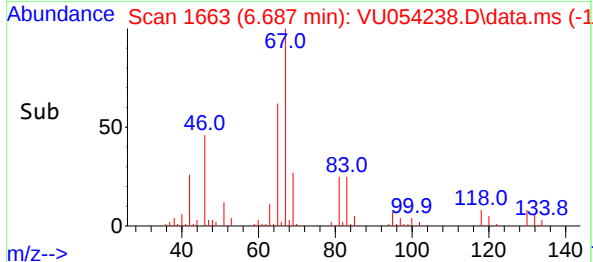
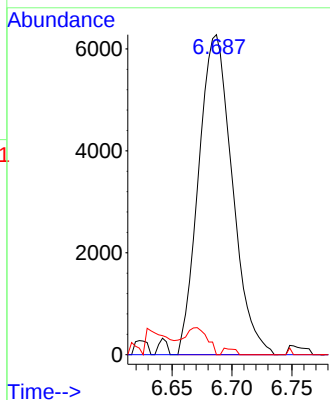
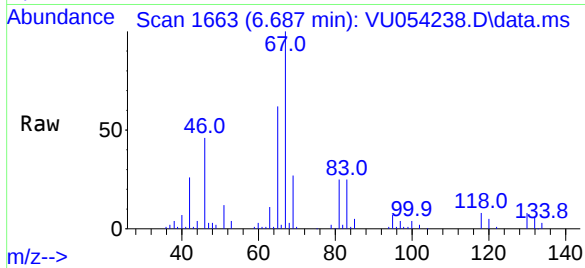




#35
Methylcyclohexane
Concen: 0.637 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU054238.D
Acq: 22 May 2023 11:32

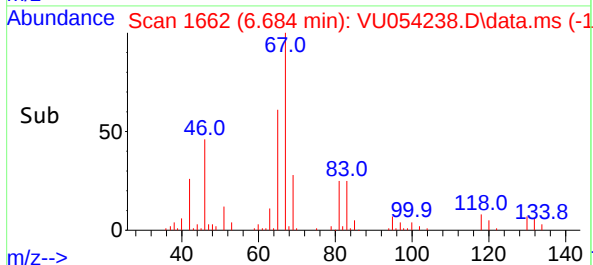
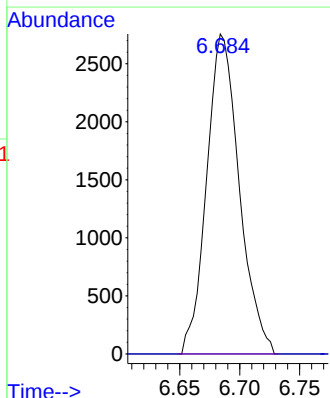
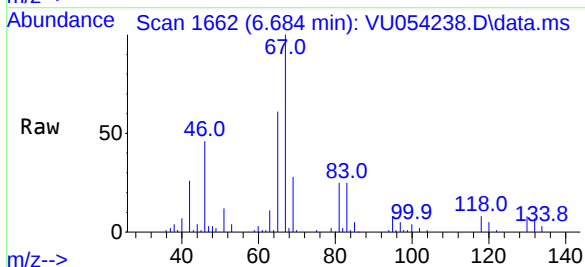
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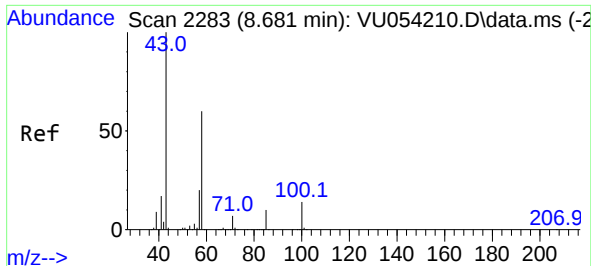
Tgt Ion: 83 Resp: 12262
Ion Ratio Lower Upper
83 100
55 0.0 61.6 92.4#
98 0.0 41.3 61.9#



#37
1,2-Dichloropropane
Concen: 0.406 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.103 min
Lab File: VU054238.D
Acq: 22 May 2023 11:32

Tgt Ion: 63 Resp: 5219
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

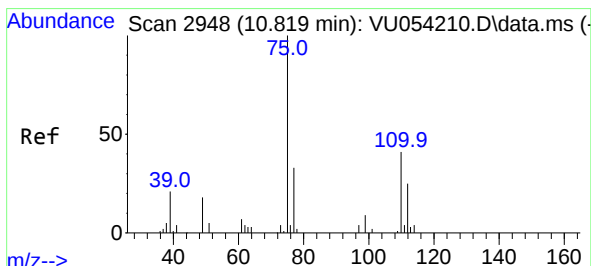
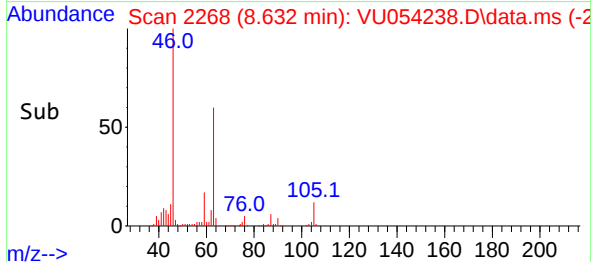
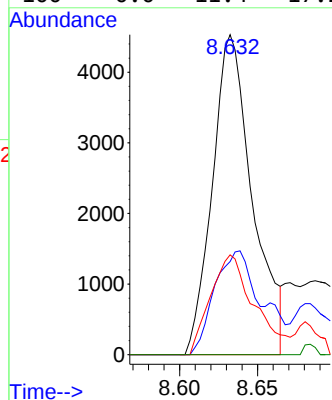
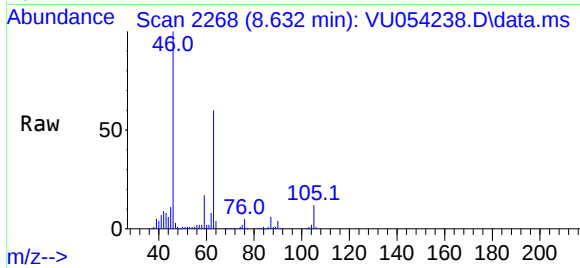




#48
2-Hexanone
Concen: 1.639 ug/L
RT: 8.632 min Scan# 21
Delta R.T. -0.048 min
Lab File: VU054238.D
Acq: 22 May 2023 11:32

Instrument :
MSVOA_U
ClientSampleId :
CONY5

Tgt Ion: 43	Resp: 8112
Ion Ratio	Lower Upper
43 100	
58 38.2	48.6 72.8#
57 34.4	16.7 25.1#
100 0.0	11.4 17.2#



#61
1,2,3-Trichloropropane
Concen: 1.452 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU054238.D
Acq: 22 May 2023 11:32

Tgt Ion: 75	Resp: 10185
Ion Ratio	Lower Upper
75 100	
110 2.3	32.3 48.5#
77 31.4	26.3 39.5

