

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052223\
 Data File : VU054242.D
 Acq On : 22 May 2023 13:08
 Operator : JC/MD
 Sample : 02874-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CONY9

Quant Time: May 22 13:28:03 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)

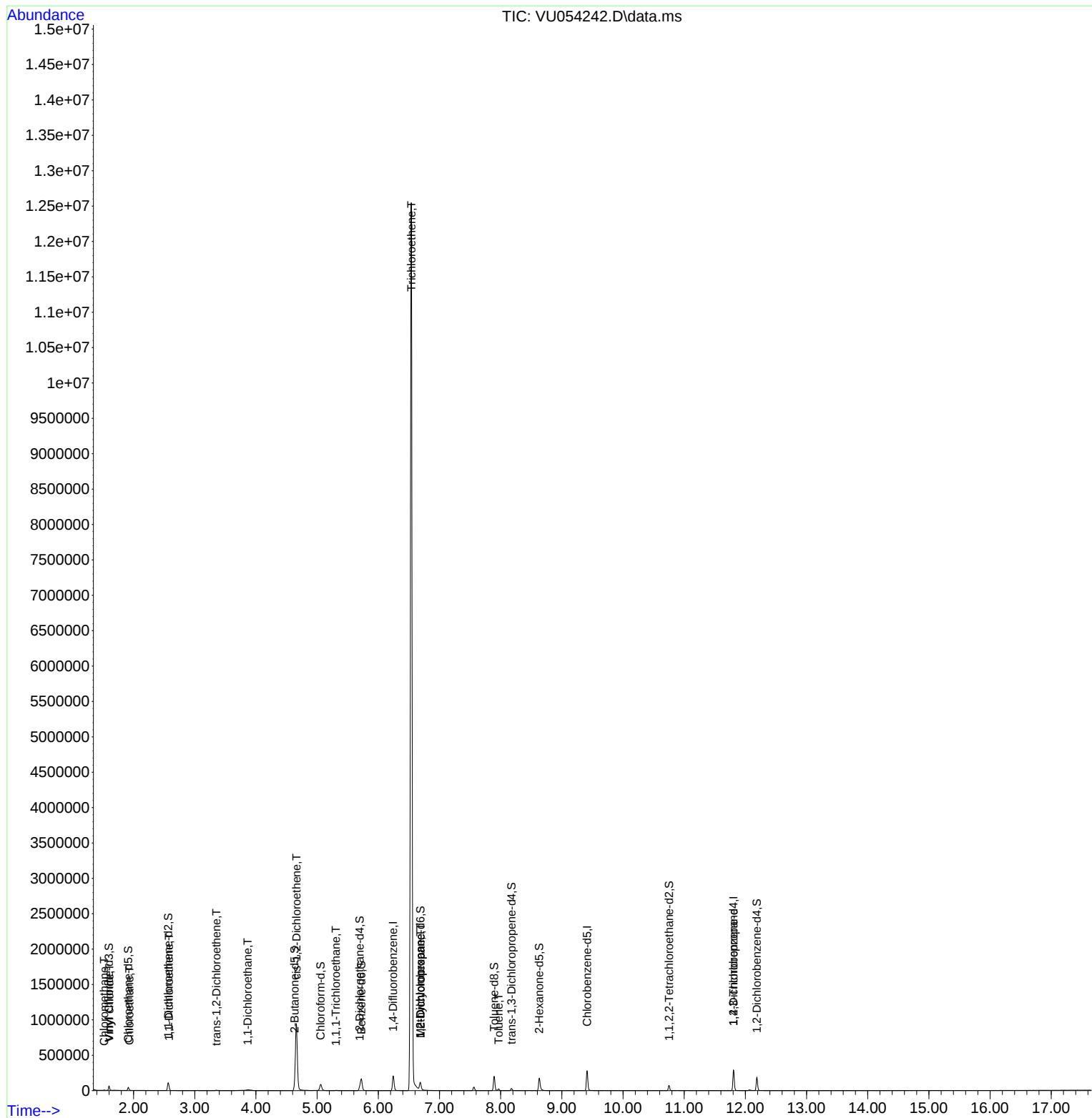
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	174109	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	165604	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	82803	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	41478	4.419	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.913	69	33851	4.821	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.565	65	18772	4.428	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	4.633	46	93547	55.883	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.760%
24) Chloroform-d	5.057	84	81148	4.598	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.697	65	39857	4.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.723	84	160519	4.760	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.687	67	50496	5.180	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.893	98	139214	4.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
43) trans-1,3-Dichloroprop...	8.176	79	18409	4.676	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.629	63	62929	53.682	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.360%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	36623	5.242	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	51140	5.061	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	3173	0.260	ug/L	95
5) Vinyl chloride	1.604	62	7396	0.571	ug/L #	73
8) Chloroethane	1.932	64	2283	0.278	ug/L #	77
12) 1,1-Dichloroethene	2.578	96	10180	0.955	ug/L #	1
18) trans-1,2-Dichloroethene	3.353	96	2679	0.247	ug/L	93
19) 1,1-Dichloroethane	3.864	63	5501	0.253	ug/L	96
22) cis-1,2-Dichloroethene	4.662	96	504147	39.779	ug/L	97
29) 1,1,1-Trichloroethane	5.308	97	3298	0.159	ug/L	96
34) Trichloroethene	6.539	95	4316639	342.430	ug/L	98
35) Methylcyclohexane	6.687	83	11927	0.647	ug/L #	18
37) 1,2-Dichloropropane	6.687	63	5185	0.421	ug/L #	89
42) Toluene	7.967	91	17020	0.344	ug/L	98
61) 1,2,3-Trichloropropane	11.806	75	9220	1.373	ug/L #	65

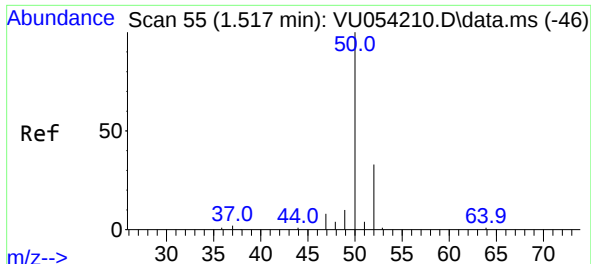
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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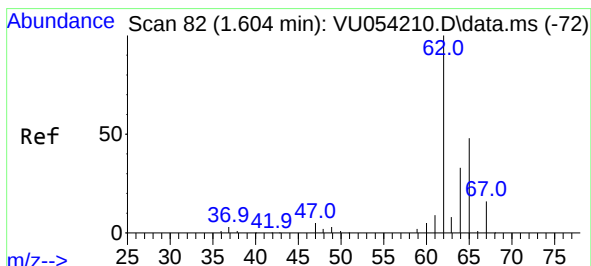
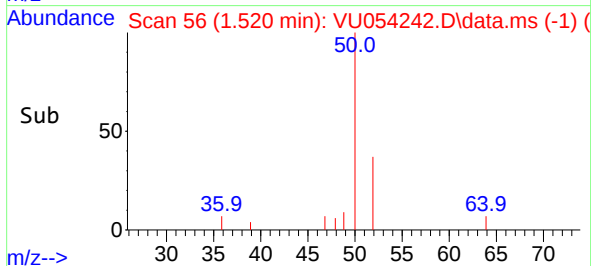
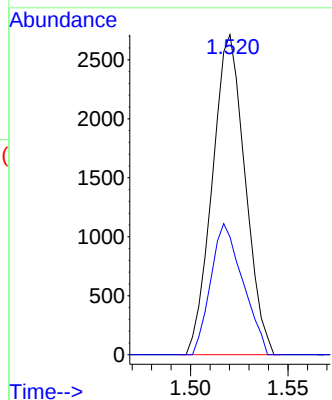
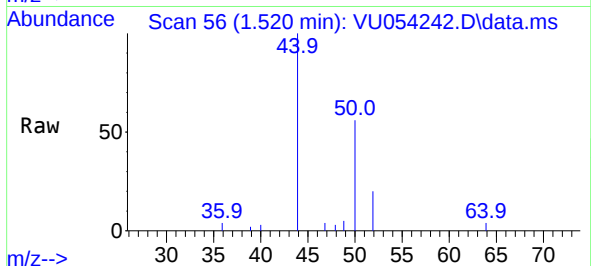




#3
Chloromethane
Concen: 0.260 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.003 min
Lab File: VU054242.D
Acq: 22 May 2023 13:08

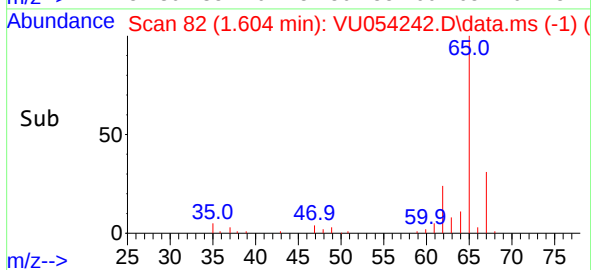
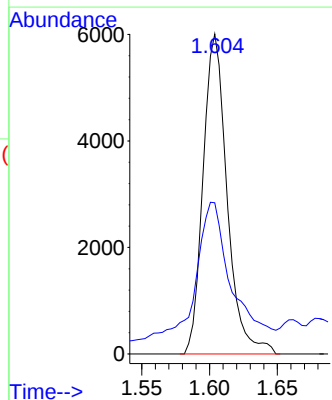
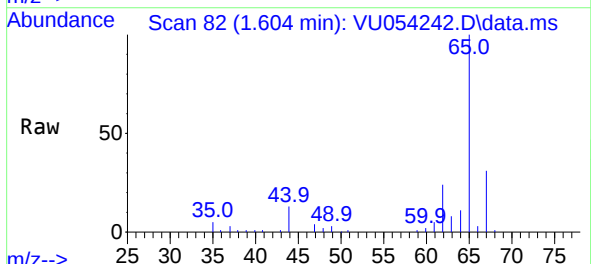
Instrument :
MSVOA_U
ClientSampleId :
CONY9

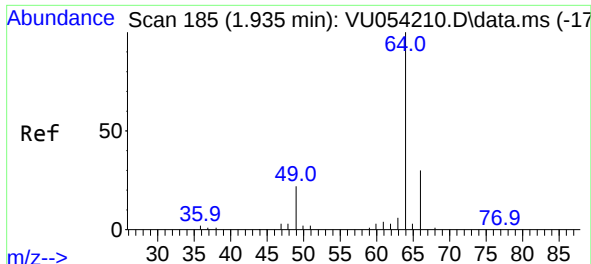
Tgt Ion: 50 Resp: 3173
Ion Ratio Lower Upper
50 100
52 36.8 23.7 44.1



#5
Vinyl chloride
Concen: 0.571 ug/L
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU054242.D
Acq: 22 May 2023 13:08

Tgt Ion: 62 Resp: 7396
Ion Ratio Lower Upper
62 100
64 47.2 22.4 41.6#

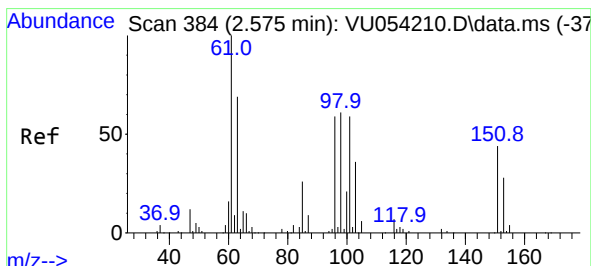
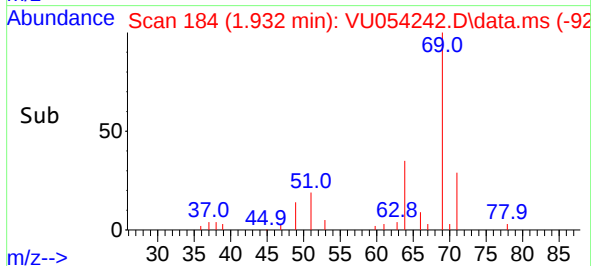
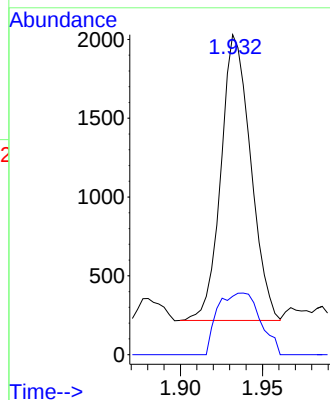
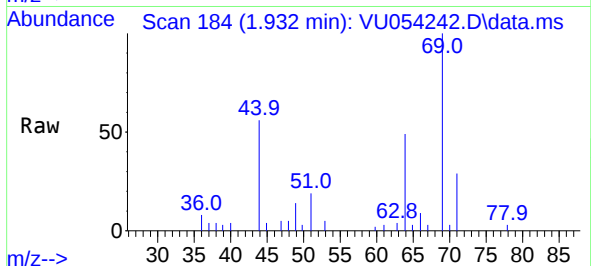




#8
Chloroethane
Concen: 0.278 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU054242.D
Acq: 22 May 2023 13:08

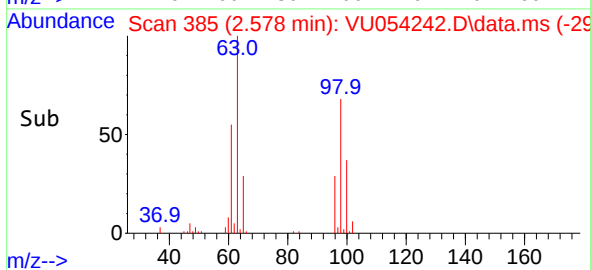
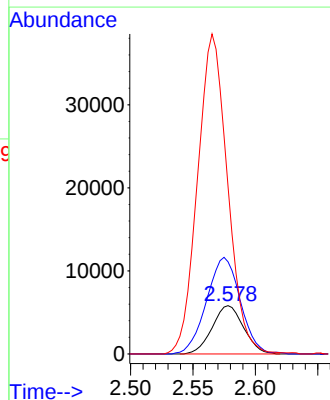
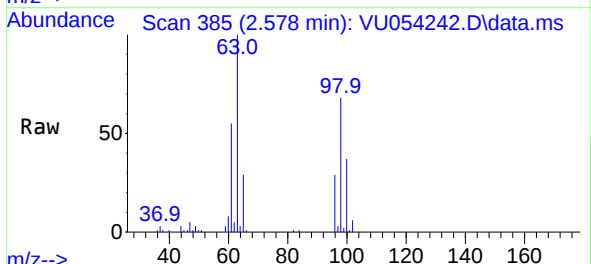
Instrument :
MSVOA_U
ClientSampleId :
CONY9

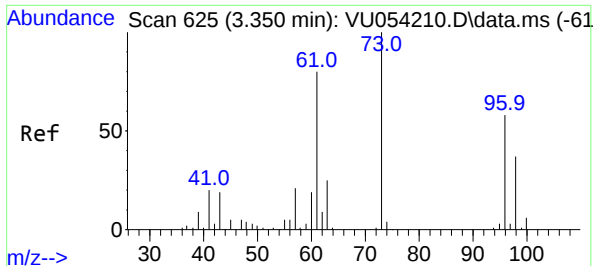
Tgt Ion: 64 Resp: 2283
Ion Ratio Lower Upper
64 100
66 18.2 21.6 40.0#



#12
1,1-Dichloroethene
Concen: 0.955 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU054242.D
Acq: 22 May 2023 13:08

Tgt Ion: 96 Resp: 10180
Ion Ratio Lower Upper
96 100
61 190.8 114.7 212.9
63 346.9 68.6 127.4#

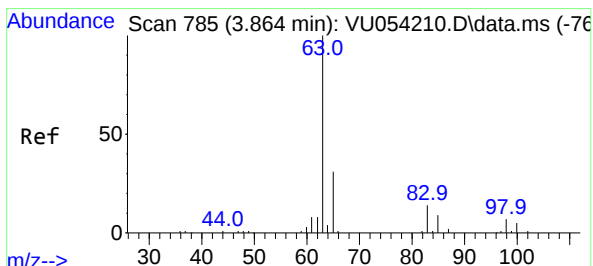
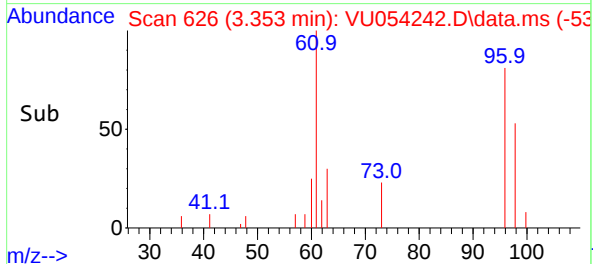
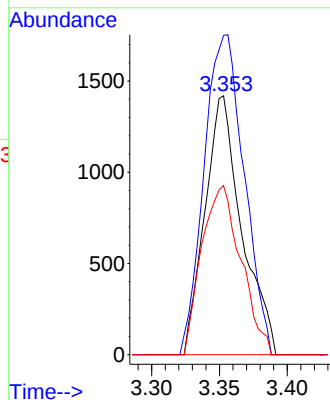
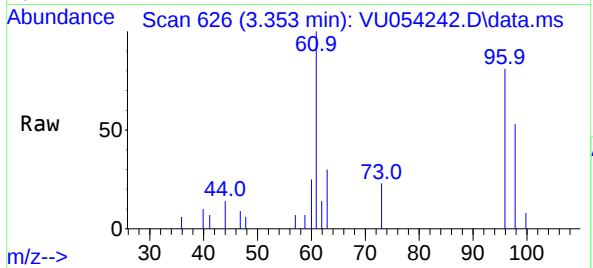




#18
trans-1,2-Dichloroethene
Concen: 0.247 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU054242.D
Acq: 22 May 2023 13:08

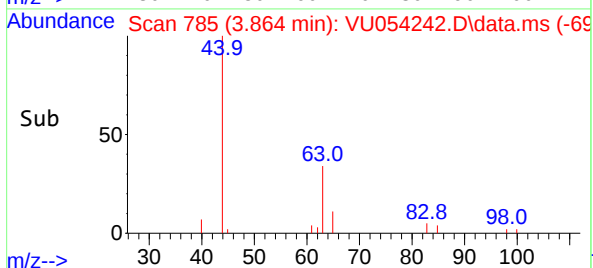
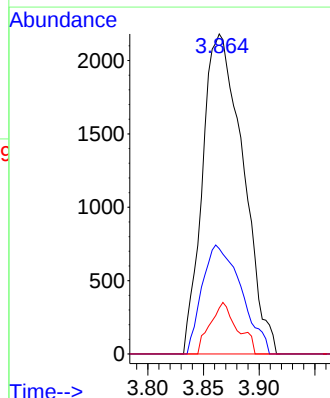
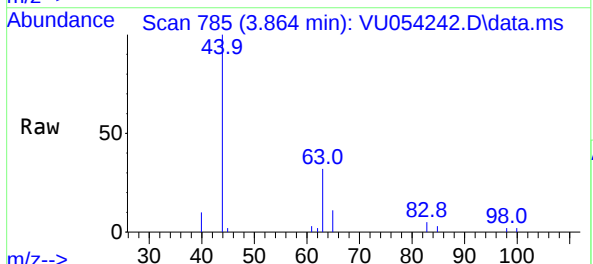
Instrument :
MSVOA_U
ClientSampleId :
CONY9

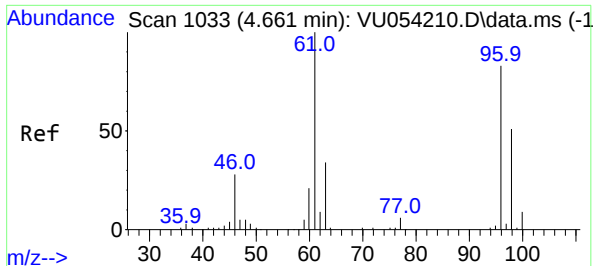
Tgt Ion: 96 Resp: 2679
Ion Ratio Lower Upper
96 100
61 123.3 94.1 174.8
98 65.3 45.3 84.1



#19
1,1-Dichloroethane
Concen: 0.253 ug/L
RT: 3.864 min Scan# 785
Delta R.T. 0.000 min
Lab File: VU054242.D
Acq: 22 May 2023 13:08

Tgt Ion: 63 Resp: 5501
Ion Ratio Lower Upper
63 100
65 32.9 20.7 38.5
83 14.4 10.1 18.7





#22

cis-1,2-Dichloroethene

Concen: 39.779 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU054242.D

Acq: 22 May 2023 13:08

Instrument :

MSVOA_U

ClientSampleId :

CONY9

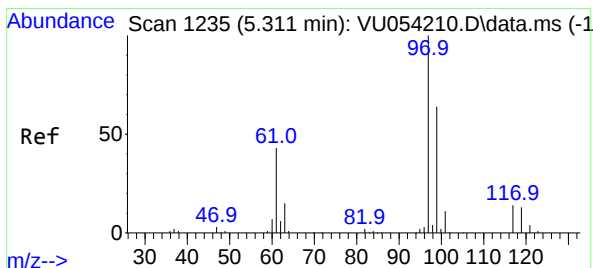
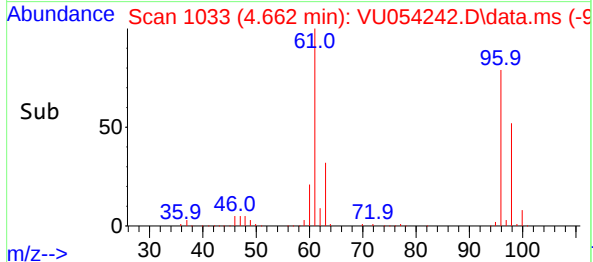
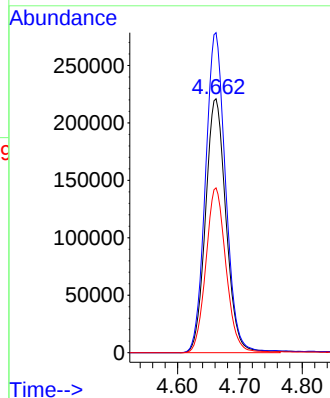
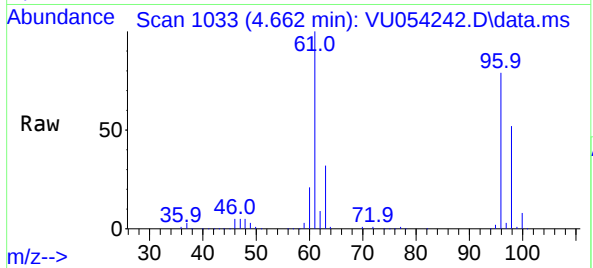
Tgt Ion: 96 Resp: 504147

Ion Ratio Lower Upper

96 100

61 126.0 85.0 157.8

98 64.9 45.8 85.0



#29

1,1,1-Trichloroethane

Concen: 0.159 ug/L

RT: 5.308 min Scan# 1234

Delta R.T. -0.003 min

Lab File: VU054242.D

Acq: 22 May 2023 13:08

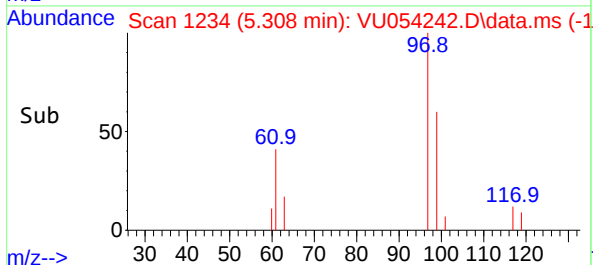
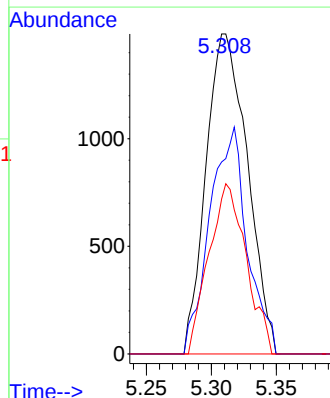
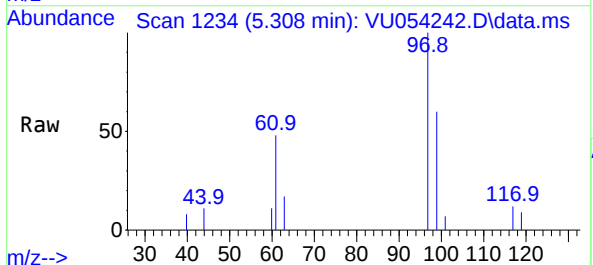
Tgt Ion: 97 Resp: 3298

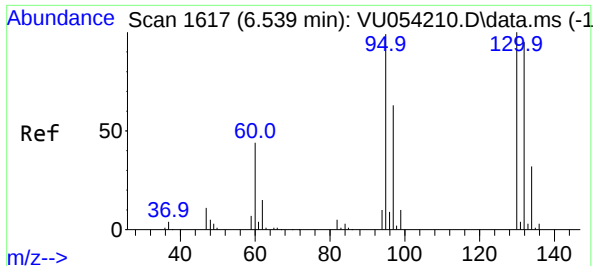
Ion Ratio Lower Upper

97 100

99 64.1 51.8 77.6

61 48.0 33.4 50.2



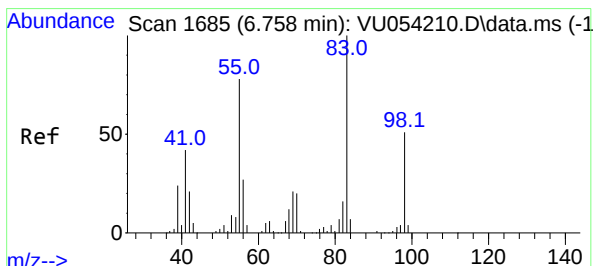
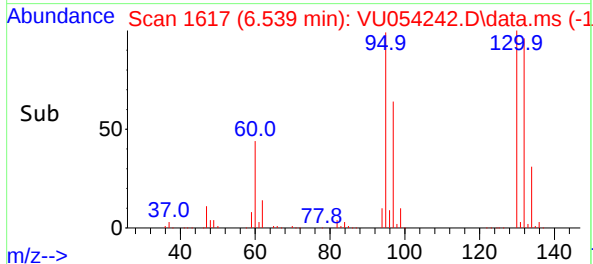
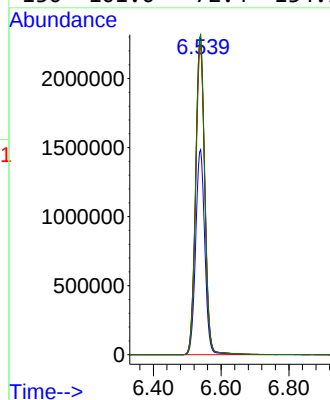
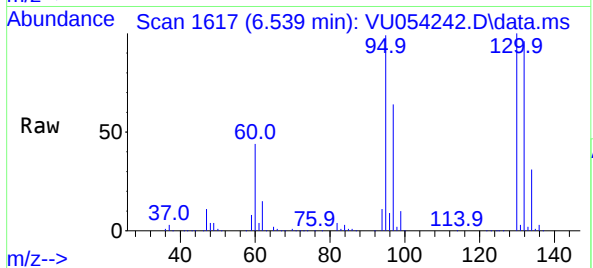


#34
Trichloroethene
Concen: 342.430 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU054242.D
Acq: 22 May 2023 13:08

Instrument :
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Tgt Ion: 95 Resp: 4316639

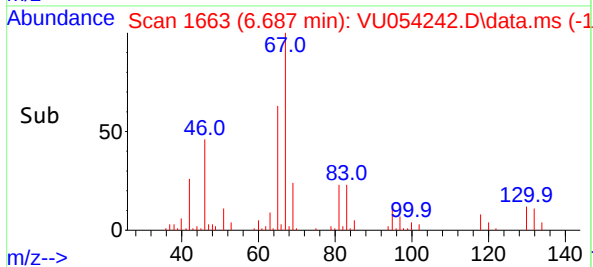
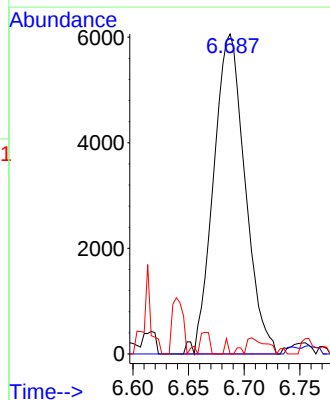
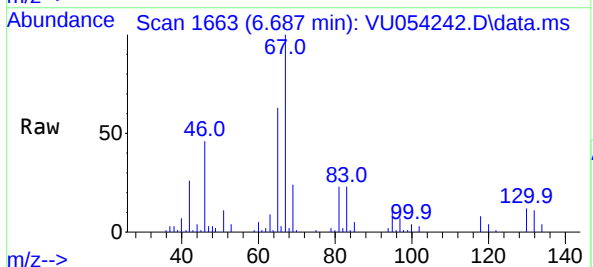
Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.8	85.0
132	97.3	70.1	130.3
130	101.0	72.4	134.5

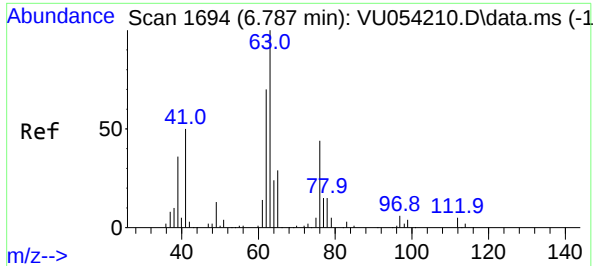


#35
Methylcyclohexane
Concen: 0.647 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU054242.D
Acq: 22 May 2023 13:08

Tgt Ion: 83 Resp: 11927

Ion	Ratio	Lower	Upper
83	100		
55	0.8	61.6	92.4#
98	0.0	41.3	61.9#

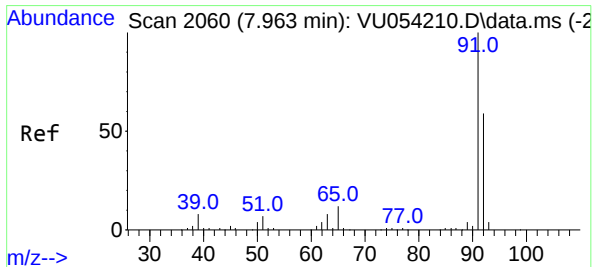
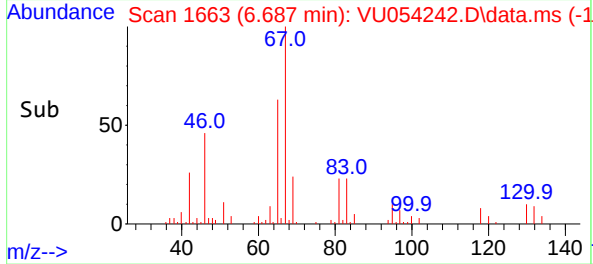
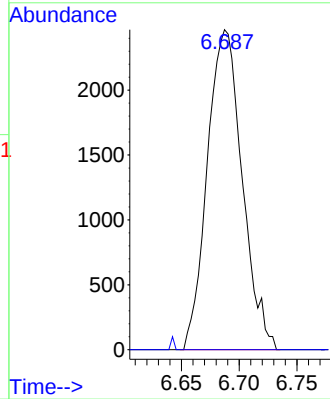
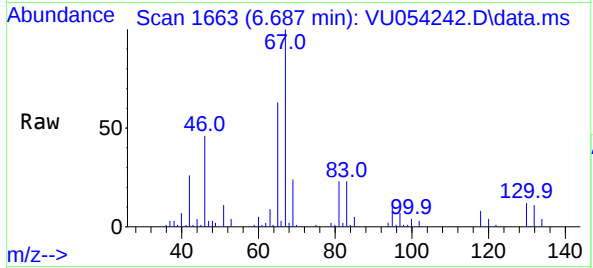




#37
1,2-Dichloropropane
Concen: 0.421 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU054242.D
Acq: 22 May 2023 13:08

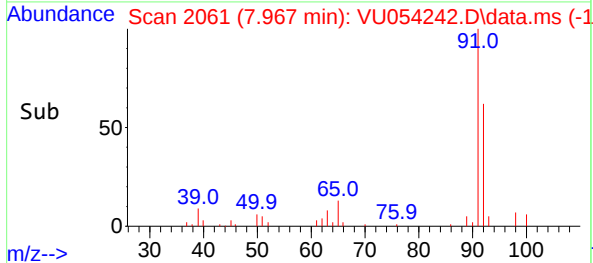
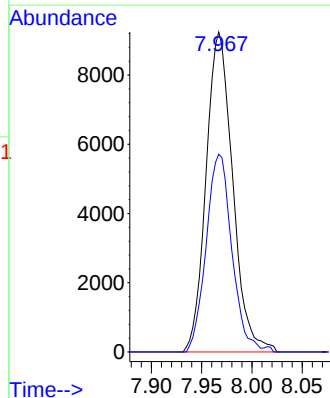
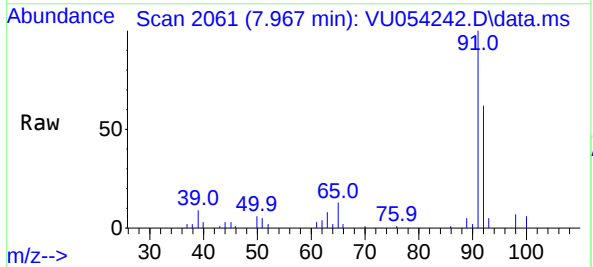
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MSVOA_U
ClientSampleId :
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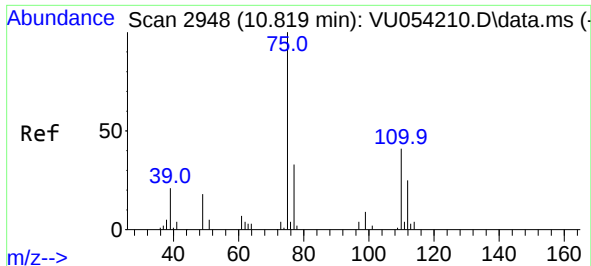
Tgt Ion: 63 Resp: 5185
Ion Ratio Lower Upper
63 100
112 0.4 3.3 4.9#



#42
Toluene
Concen: 0.344 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VU054242.D
Acq: 22 May 2023 13:08

Tgt Ion: 91 Resp: 17020
Ion Ratio Lower Upper
91 100
92 61.8 42.1 78.1





#61

1,2,3-Trichloropropane

Concen: 1.373 ug/L

RT: 11.806 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU054242.D

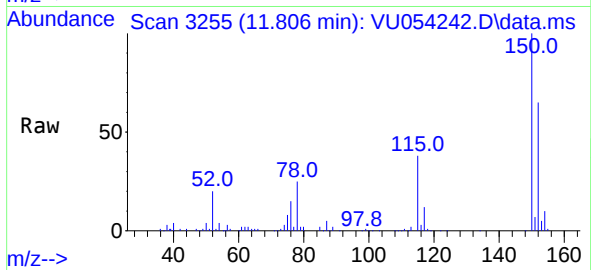
Acq: 22 May 2023 13:08

Instrument :

MSVOA_U

ClientSampleId :

CONY9



Tgt Ion: 75 Resp: 9220

Ion Ratio Lower Upper

75 100

110 2.2 32.3 48.5#

77 31.9 26.3 39.5

