

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)

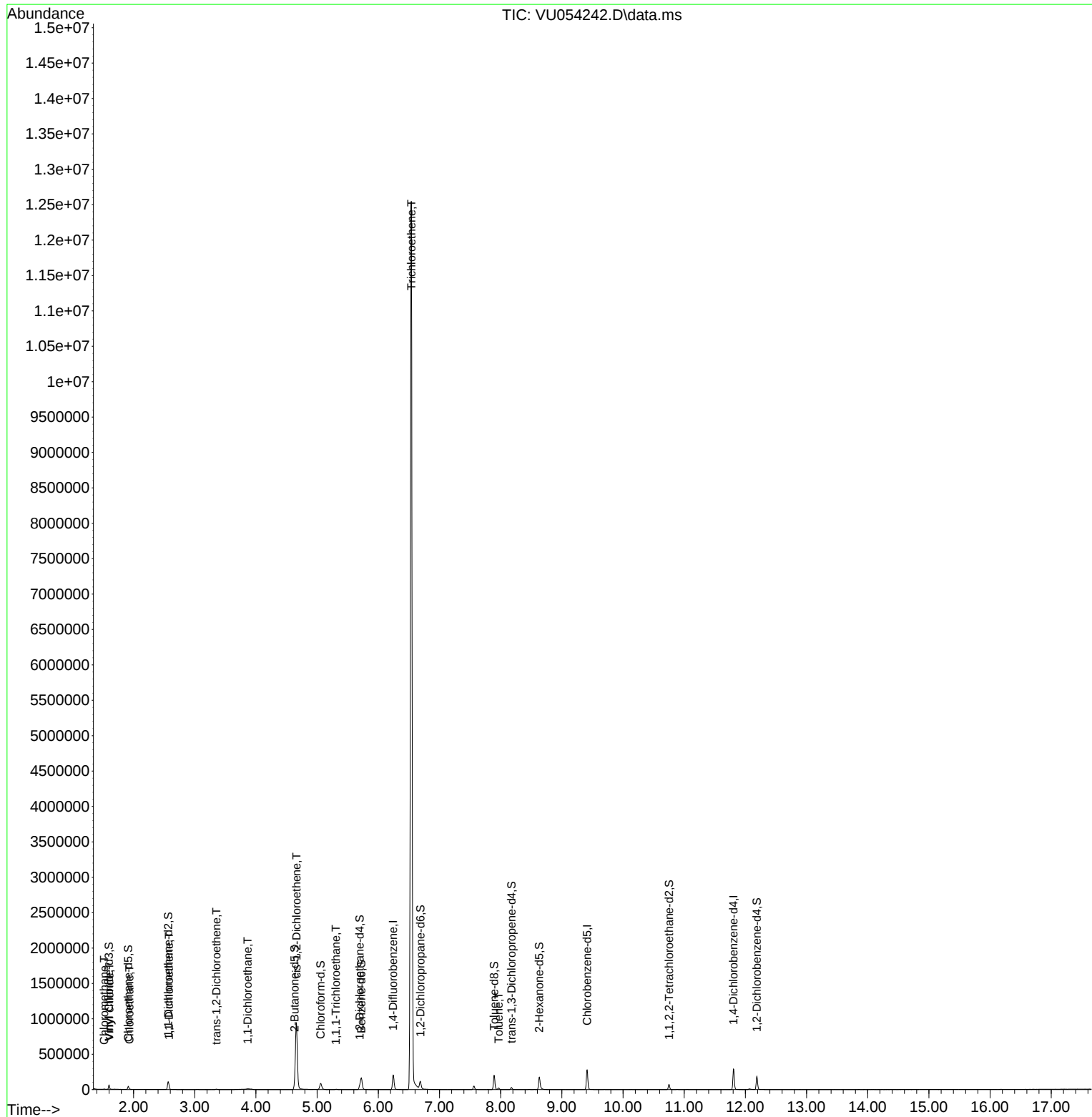
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	174109	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	165604	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	82803	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	41478	4.419	ug/L	0.00
Spiked Amount	5.000	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
42) Toluene	7.967	91	17020	0.344	ug/L	98

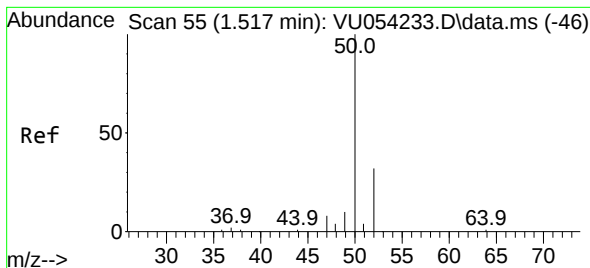
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 20 02:06:23 2023
Response via : Initial Calibration





#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 :

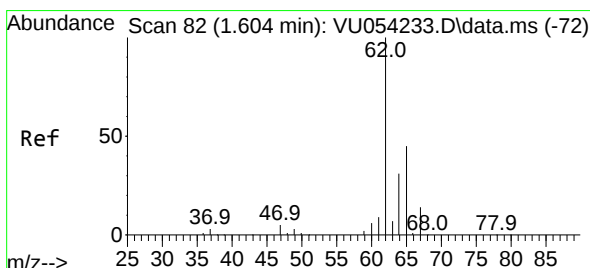
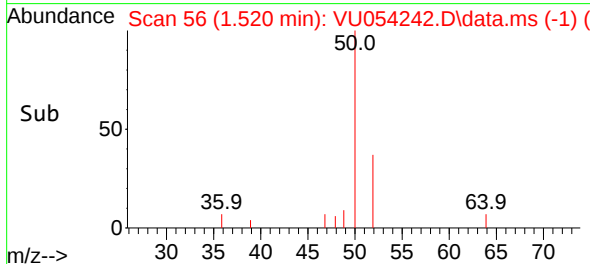
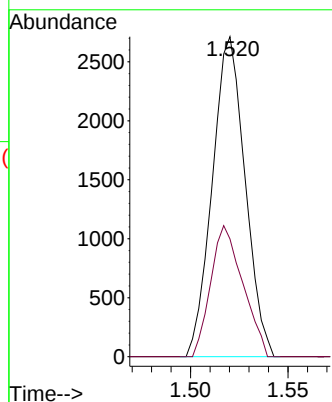
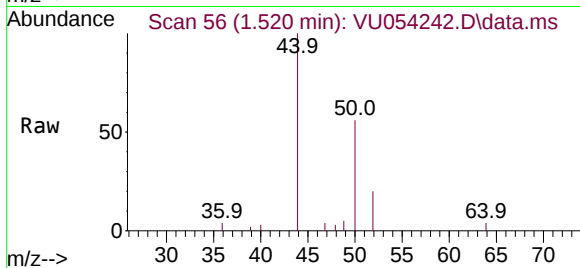
CONY9

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

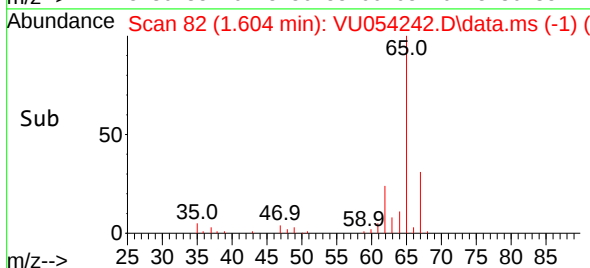
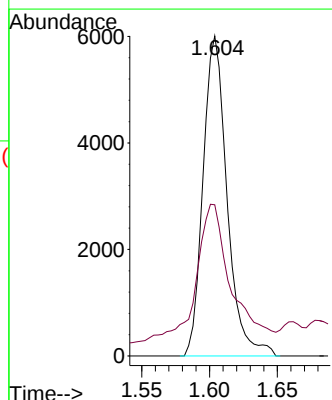
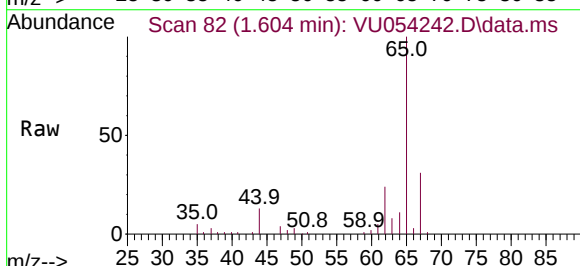
Acq: 22 May 2023 13:08

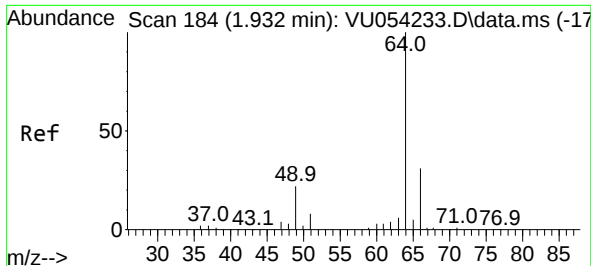
Tgt Ion: 62 Resp: 7396

Ion Ratio Lower Upper

62 100

64 47.2 22.4 41.6#

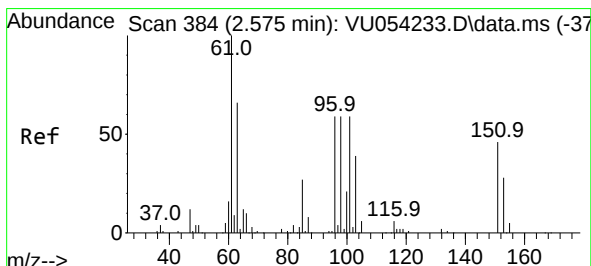
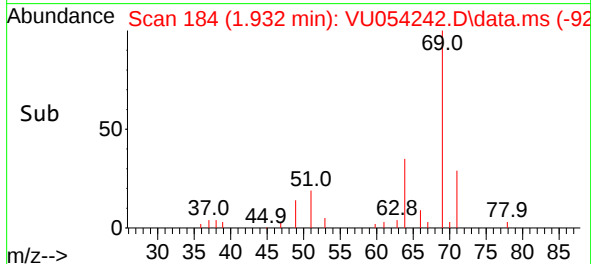
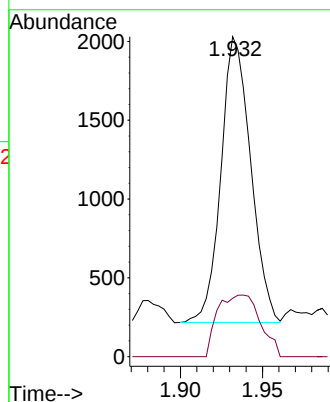
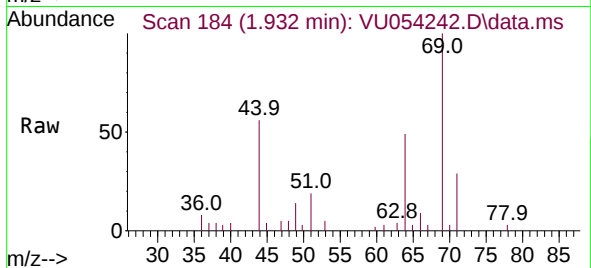




#8
Chloroethane
Concen: 0.278 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU054242.D
Acq: 22 May 2023 13:08

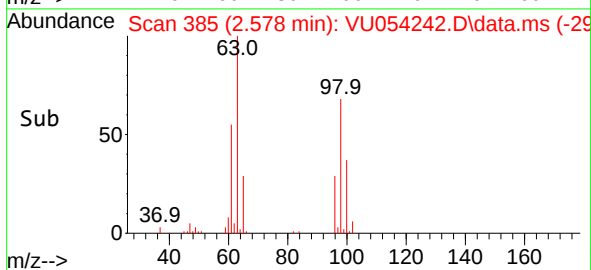
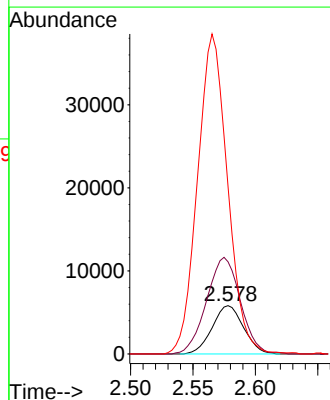
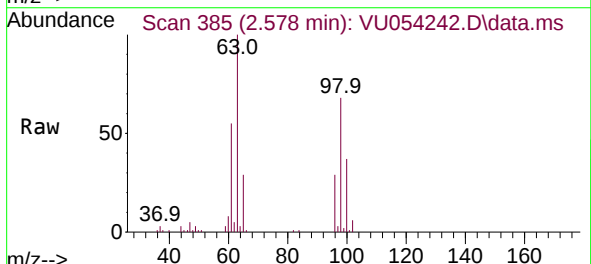
Instrument :
MSVOA_U
ClientSampleId :
CONY9

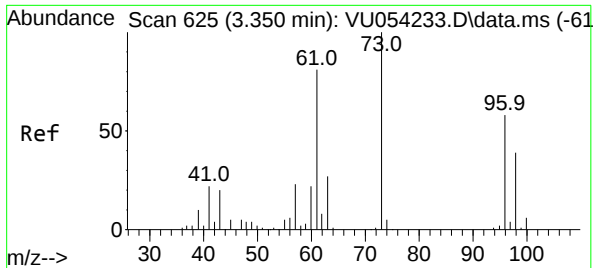
Tgt Ion: 64 Resp: 2283
Ion Ratio Lower Upper
64 100
66 18.2 21.6 40.0#



#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#

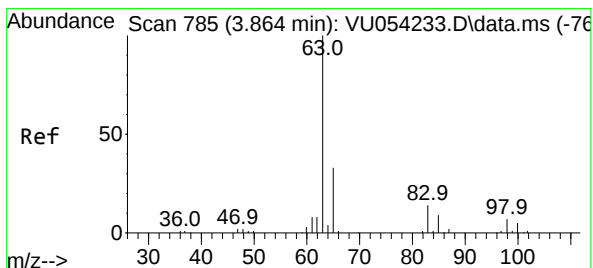
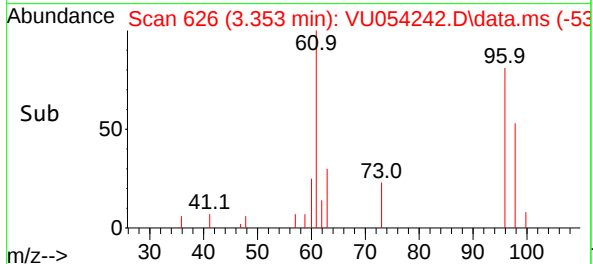
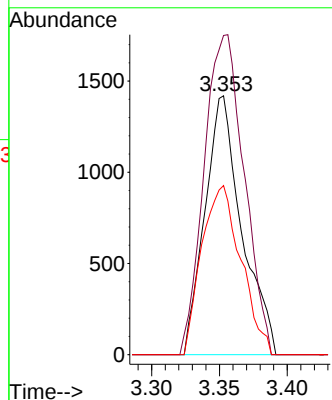
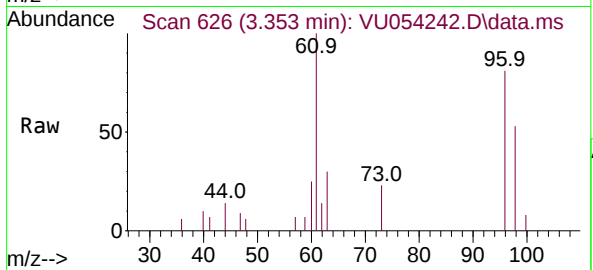




#18
trans-1,2-Dichloroethene
Concen: 0.247 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU054242.D
Acq: 22 May 2023 13:08

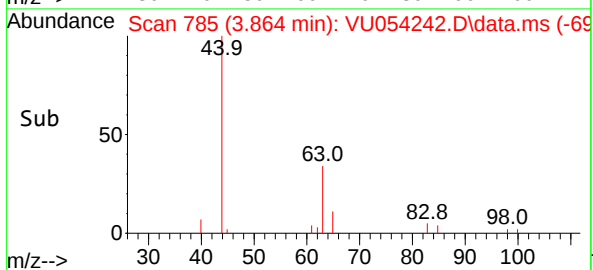
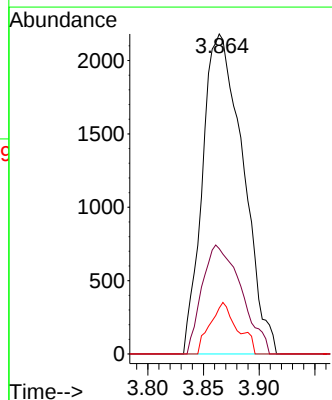
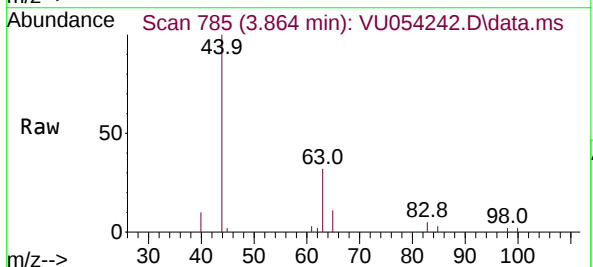
Instrument :
MSVOA_U
ClientSampleId :
CONY9

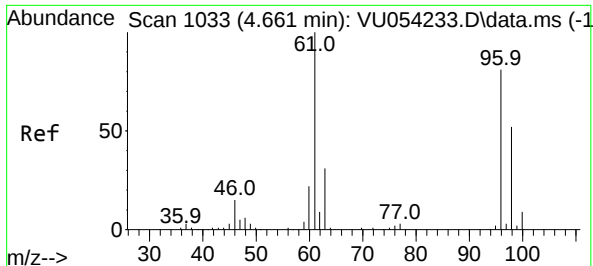
Tgt Ion: 96 Resp: 2679
Ion Ratio Lower Upper
96 100
61 123.3 94.1 174.8
98 65.3 45.3 84.1



#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

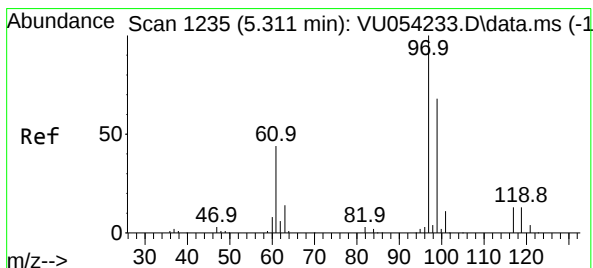
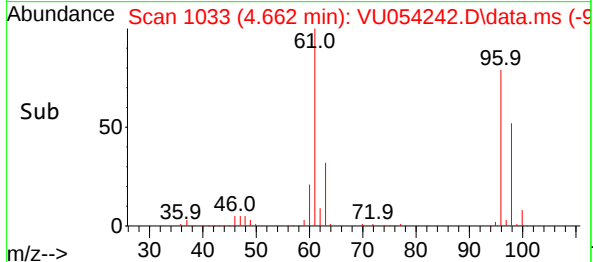
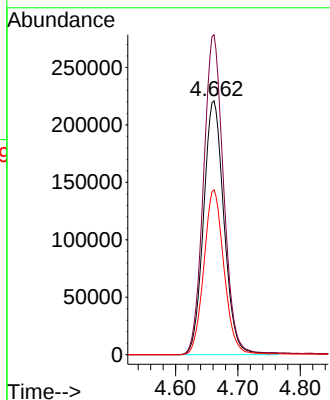
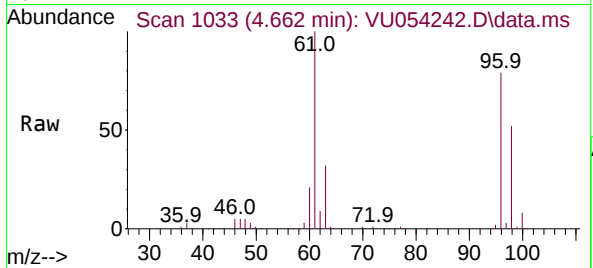




#22
 cis-1,2-Dichloroethene
 Concen: 39.779 ug/L
 RT: 4.662 min Scan# 1033
 Delta R.T. 0.000 min
 Lab File: VU054242.D
 Acq: 22 May 2023 13:08

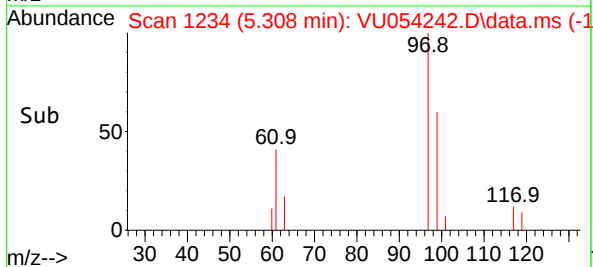
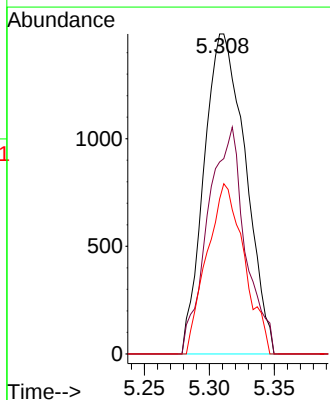
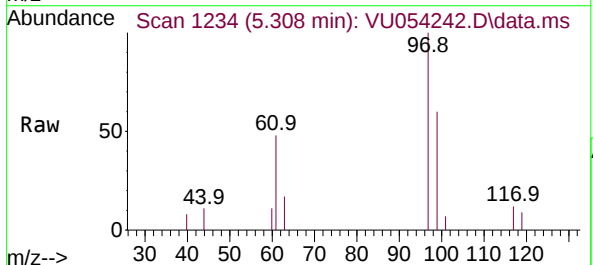
Instrument :
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 ClientSampleId :
 CONY9

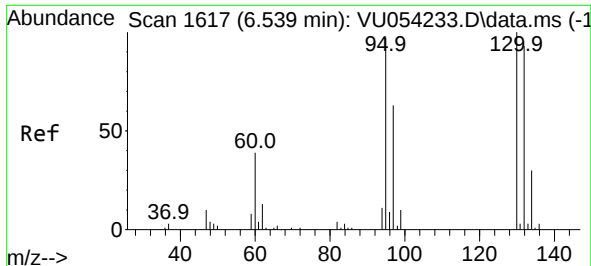
Tgt Ion: 96 Resp: 504147
 Ion Ratio Lower Upper
 96 100
 61 126.0 85.0 157.8
 98 64.9 45.8 85.0



#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 :

MSVOA_U

ClientSampleId :

CONY9

Tgt Ion: 95 Resp: 4316639

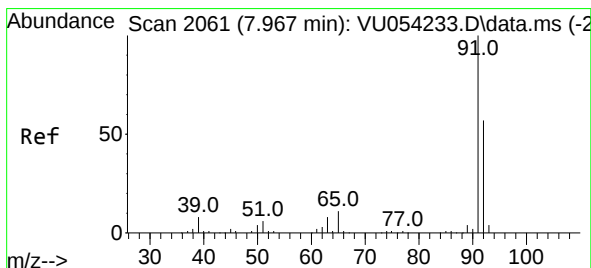
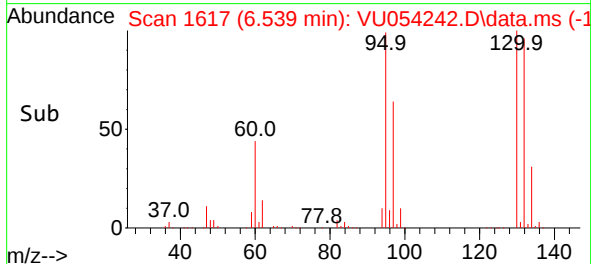
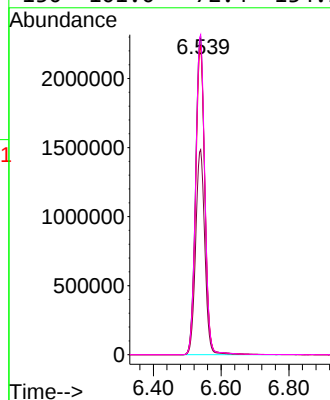
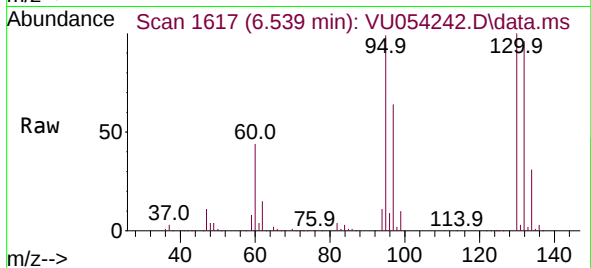
Ion Ratio Lower Upper

95 100

97 64.7 45.8 85.0

132 97.3 70.1 130.3

130 101.0 72.4 134.5



#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

