

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052223\
 Data File : VU054241.D
 Acq On : 22 May 2023 12:43
 Operator : JC/MD
 Sample : 02874-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CONY8

Quant Time: May 22 13:14:17 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)

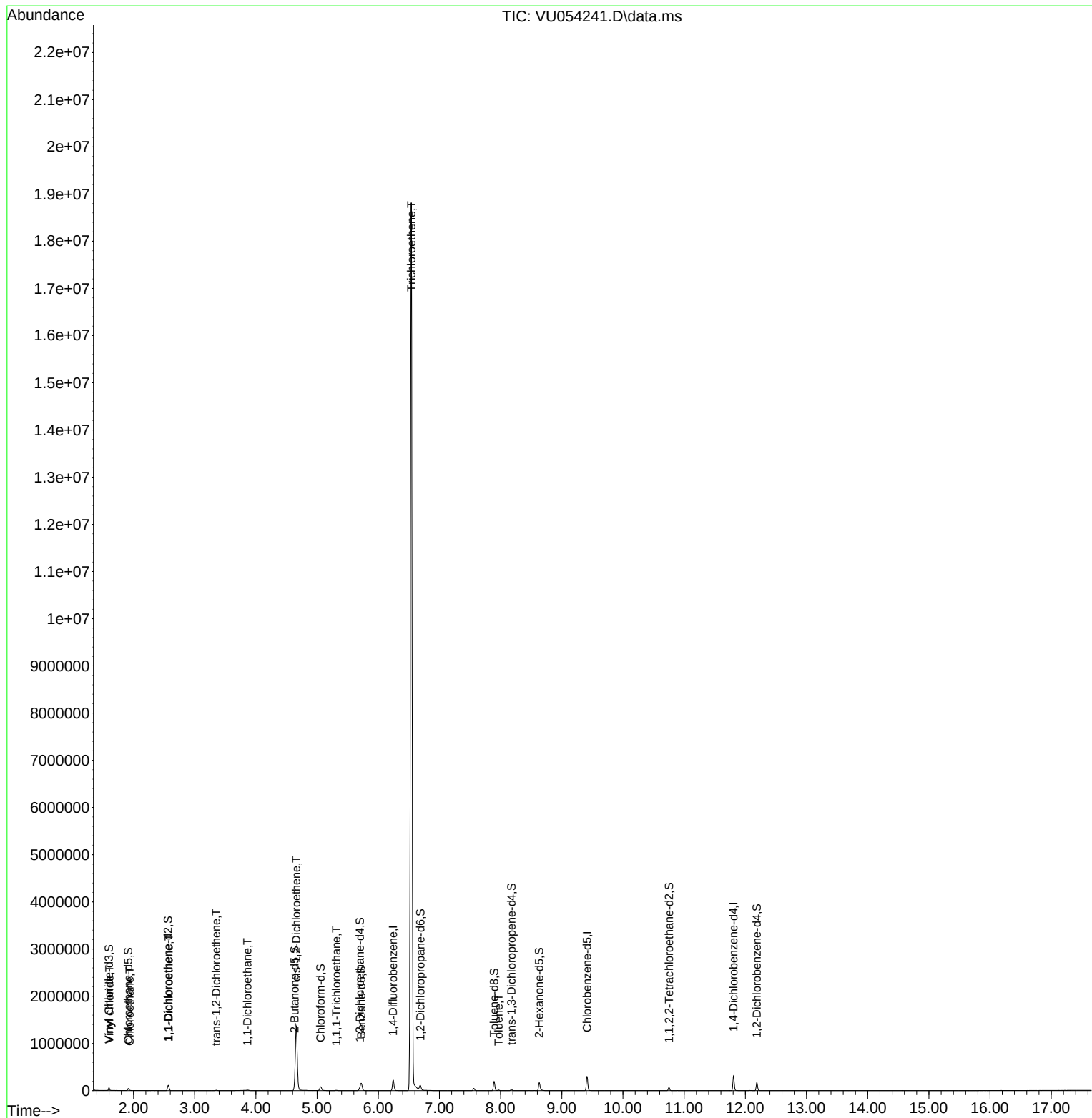
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	188412	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	177052	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	86576	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	38481	3.788	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.913	69	32177	4.234	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.562	65	18083	3.942	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	4.633	46	87023	48.039	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.080%
24) Chloroform-d	5.057	84	76800	4.021	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
26) 1,2-Dichloroethane-d4	5.700	65	37634	4.283	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.723	84	152472	4.229	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.688	67	46924	4.503	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.000%
41) Toluene-d8	7.893	98	132493	3.891	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	8.176	79	17235	4.094	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.630	63	61114	48.763	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.520%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	34581	4.629	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	48685	4.608	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	10502	0.749	ug/L #	79
8) Chloroethane	1.935	64	2917	0.328	ug/L	98
12) 1,1-Dichloroethene	2.575	96	13876	1.203	ug/L #	14
18) trans-1,2-Dichloroethene	3.350	96	4109	0.350	ug/L	90
19) 1,1-Dichloroethane	3.861	63	7378	0.314	ug/L	96
22) cis-1,2-Dichloroethene	4.659	96	72896	53.153	ug/L	97
29) 1,1,1-Trichloroethane	5.315	97	6189	0.279	ug/L	96
34) Trichloroethene	6.540	95	6444054	478.141	ug/L	98
42) Toluene	7.967	91	11224	0.212	ug/L	91

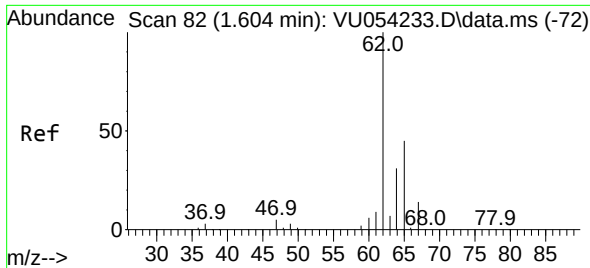
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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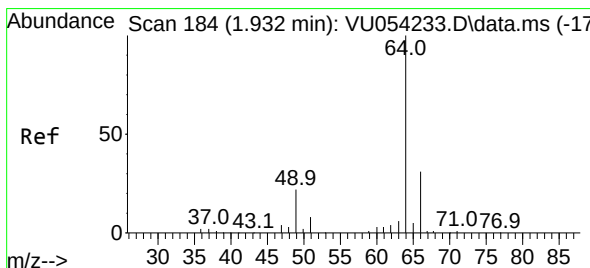
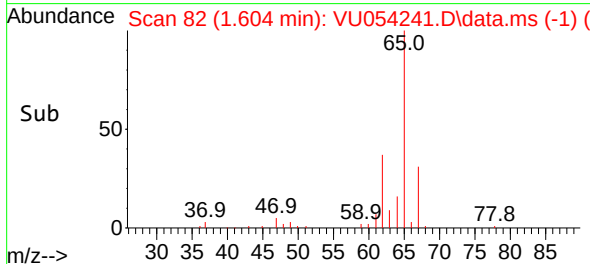
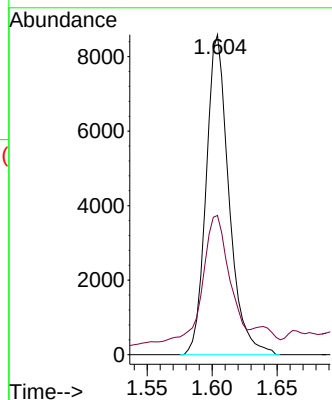
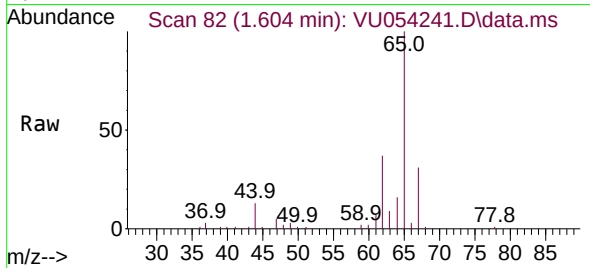




#5
 Vinyl chloride
 Concen: 0.749 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU054241.D
 Acq: 22 May 2023 12:43

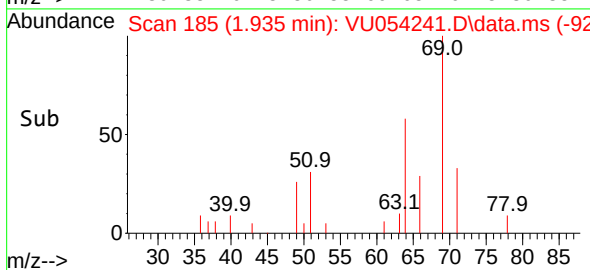
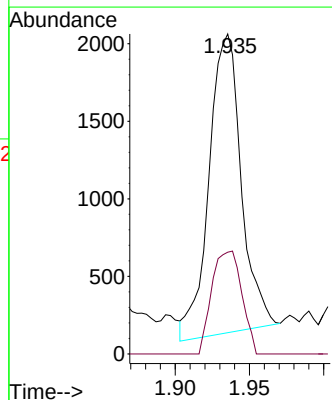
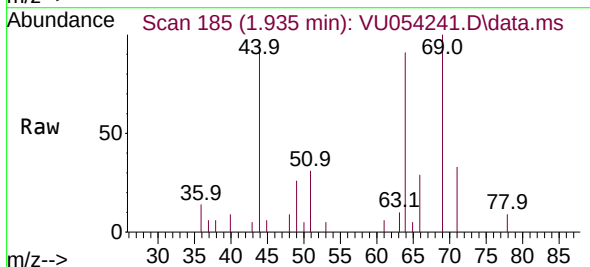
Instrument :
 MSVOA_U
 ClientSampleId :
 CONY8

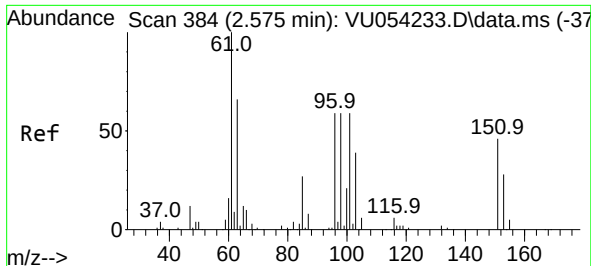
Tgt Ion: 62 Resp: 10502
 Ion Ratio Lower Upper
 62 100
 64 43.5 22.4 41.6#



#8
 Chloroethane
 Concen: 0.328 ug/L
 RT: 1.935 min Scan# 185
 Delta R.T. 0.000 min
 Lab File: VU054241.D
 Acq: 22 May 2023 12:43

Tgt Ion: 64 Resp: 2917
 Ion Ratio Lower Upper
 64 100
 66 31.8 21.6 40.0





#12

1,1-Dichloroethene

Concen: 1.203 ug/L

RT: 2.575 min Scan# 384

Delta R.T. 0.001 min

Lab File: VU054241.D

Acq: 22 May 2023 12:43

Instrument :

MSVOA_U

ClientSampleId :

CONY8

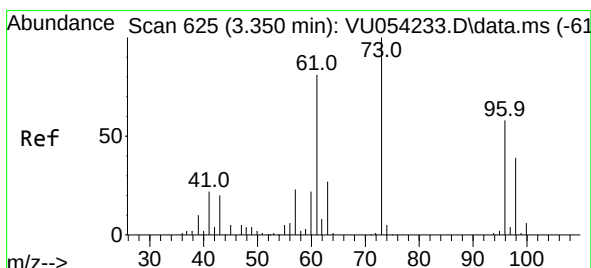
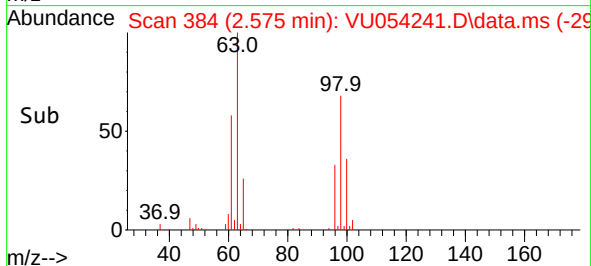
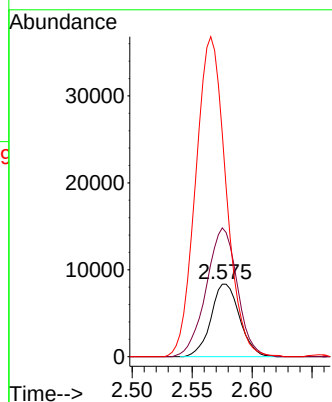
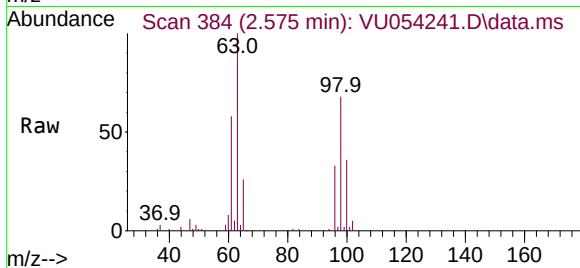
Tgt Ion: 96 Resp: 13876

Ion Ratio Lower Upper

96 100

61 177.5 114.7 212.9

63 307.5 68.6 127.4#



#18

trans-1,2-Dichloroethene

Concen: 0.350 ug/L

RT: 3.350 min Scan# 625

Delta R.T. 0.000 min

Lab File: VU054241.D

Acq: 22 May 2023 12:43

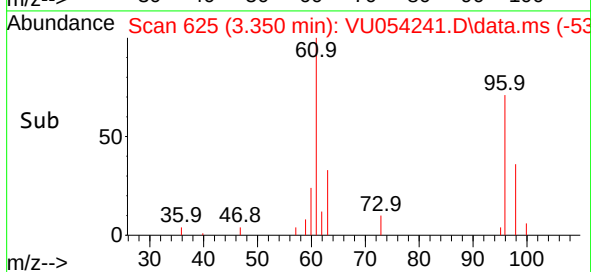
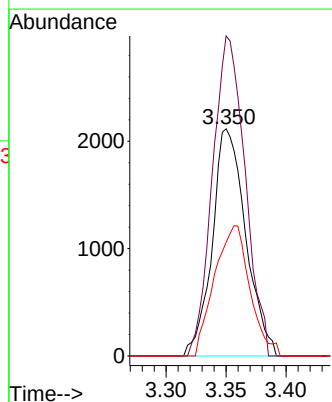
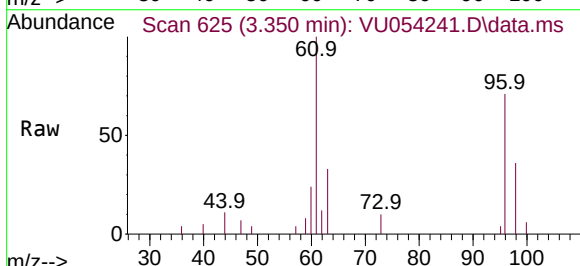
Tgt Ion: 96 Resp: 4109

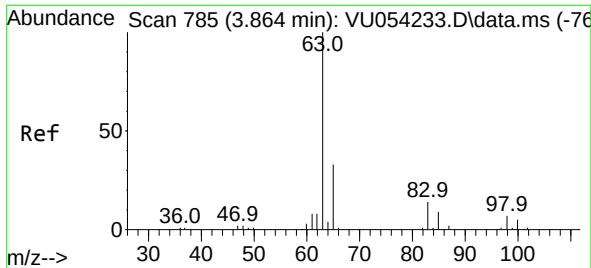
Ion Ratio Lower Upper

96 100

61 140.8 94.1 174.8

98 50.0 45.3 84.1

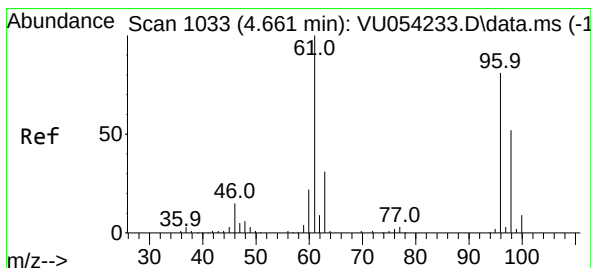
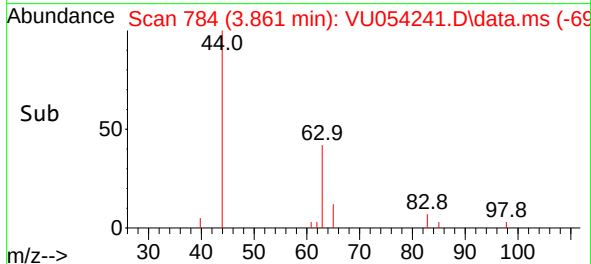
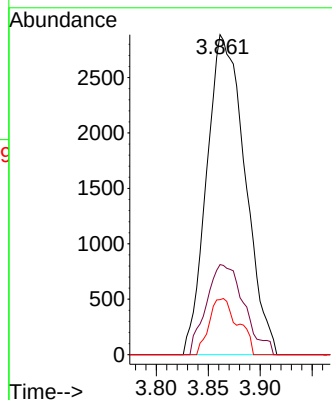
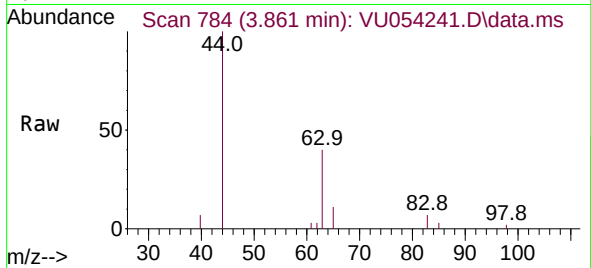




#19
1,1-Dichloroethane
Concen: 0.314 ug/L
RT: 3.861 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU054241.D
Acq: 22 May 2023 12:43

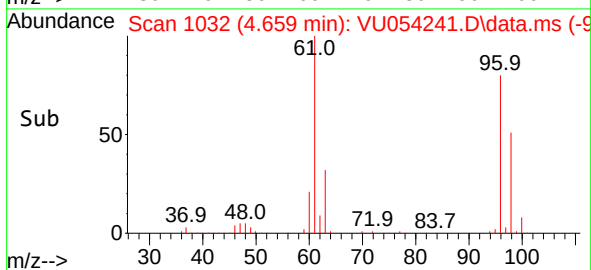
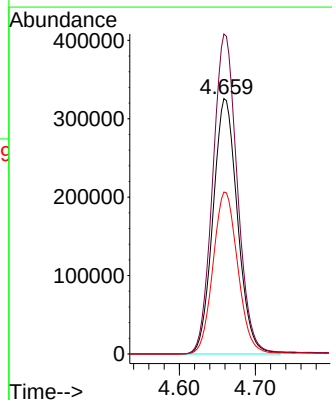
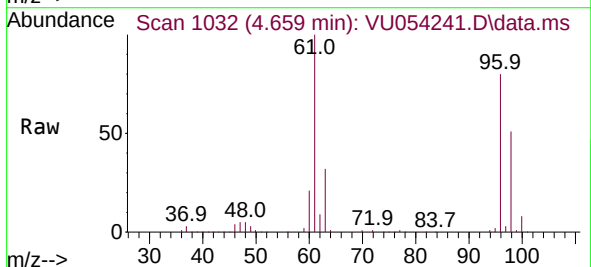
Instrument :
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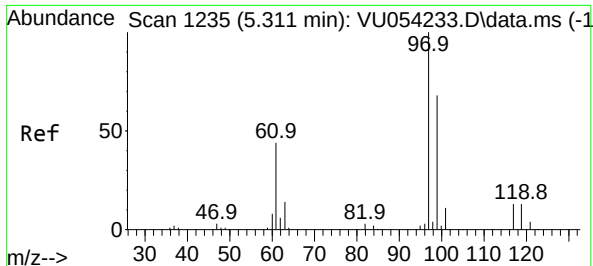
Tgt Ion: 63 Resp: 7378
Ion Ratio Lower Upper
63 100
65 28.1 20.7 38.5
83 17.2 10.1 18.7



#22
cis-1,2-Dichloroethene
Concen: 53.153 ug/L
RT: 4.659 min Scan# 1032
Delta R.T. -0.003 min
Lab File: VU054241.D
Acq: 22 May 2023 12:43

Tgt Ion: 96 Resp: 728996
Ion Ratio Lower Upper
96 100
61 125.3 85.0 157.8
98 63.4 45.8 85.0





#29

1,1,1-Trichloroethane

Concen: 0.279 ug/L

RT: 5.315 min Scan# 1

Delta R.T. 0.004 min

Lab File: VU054241.D

Acq: 22 May 2023 12:43

Instrument :

MSVOA_U

ClientSampleId :

CONY8

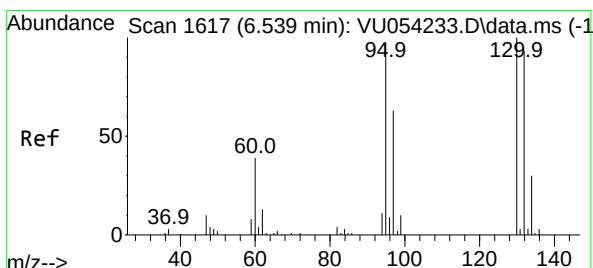
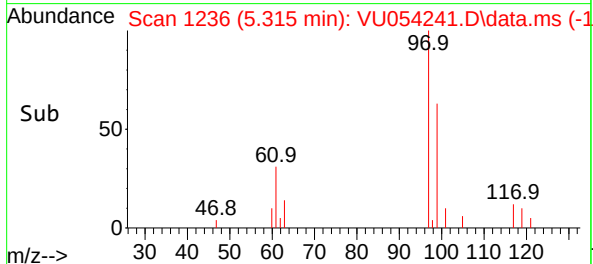
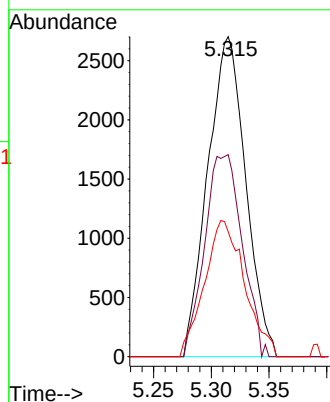
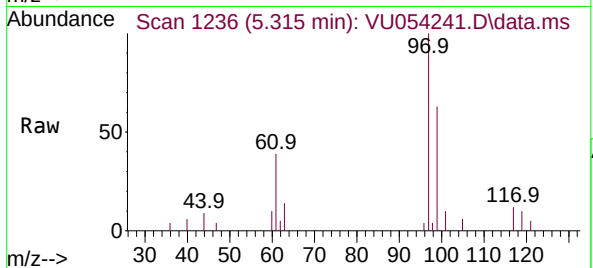
Tgt Ion: 97 Resp: 6189

Ion Ratio Lower Upper

97 100

99 62.6 51.8 77.6

61 44.9 33.4 50.2



#34

Trichloroethene

Concen: 478.141 ug/L

RT: 6.540 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU054241.D

Acq: 22 May 2023 12:43

Tgt Ion: 95 Resp: 6444054

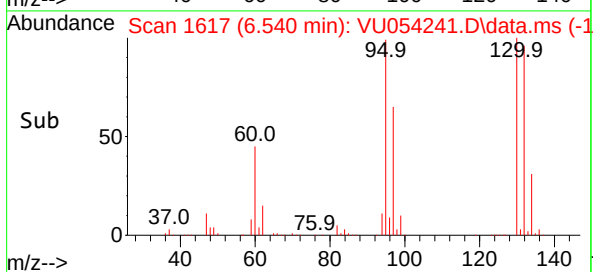
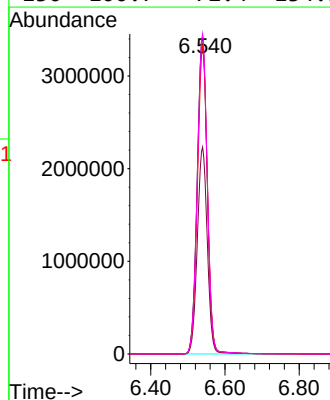
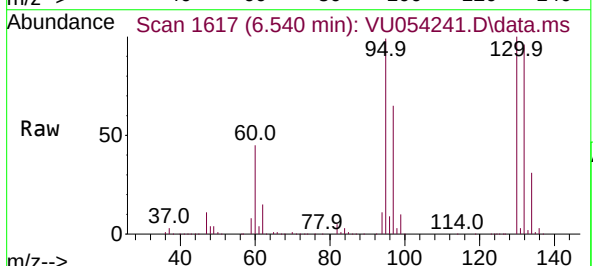
Ion Ratio Lower Upper

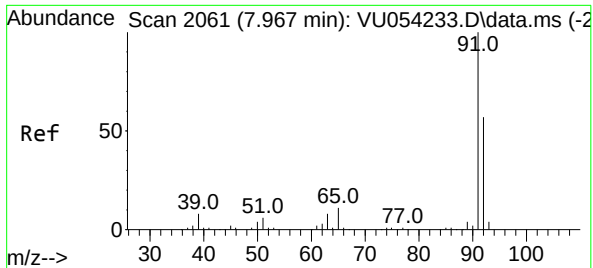
95 100

97 65.1 45.8 85.0

132 96.7 70.1 130.3

130 100.7 72.4 134.5





#42
Toluene
Concen: 0.212 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.004 min
Lab File: VU054241.D
Acq: 22 May 2023 12:43

Instrument :
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ClientSampleId :
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Tgt Ion: 91 Resp: 11224
Ion Ratio Lower Upper
91 100
92 53.5 42.1 78.1

