

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054981.D
 Acq On : 30 Aug 2023 02:03
 Operator : MD/SY
 Sample : 04173-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COALO

Quant Time: Aug 30 04:00:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 30 01:18:16 2023
 Response via : Initial Calibration

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

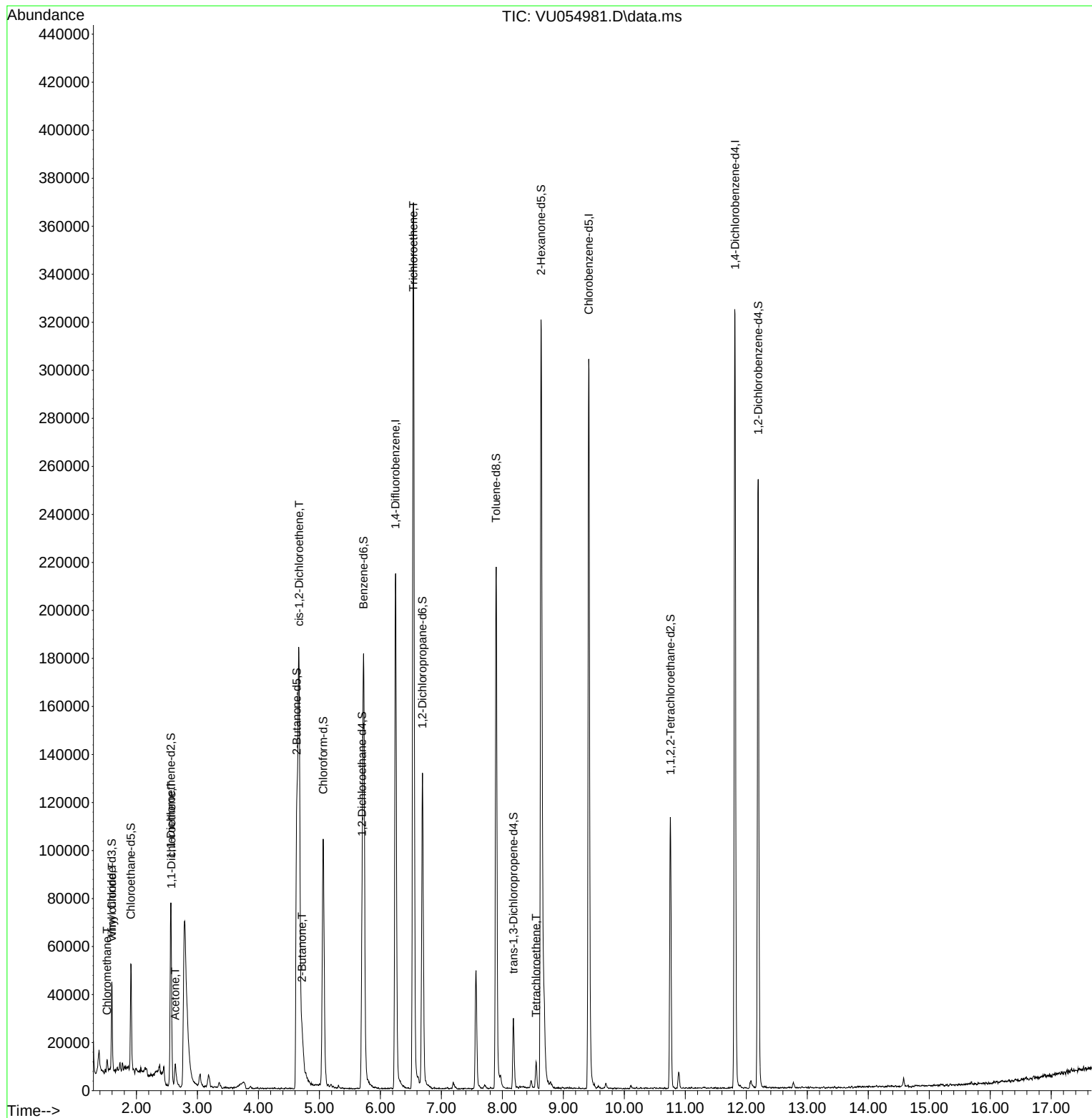
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	173315	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	165223	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	81177	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	24546	4.487	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.908	69	30757	4.352	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.563	65	14178	4.586	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.800%
20) 2-Butanone-d5	4.628	46	171562	58.103	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.200%
24) Chloroform-d	5.062	84	92930	4.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.698	65	51857	4.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.724	84	166259	4.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.689	67	62441	4.780	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.898	98	147011	4.133	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	8.181	79	17062	3.969	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.634	63	106000	51.953	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.900%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	55500	4.955	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	63721	4.916	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	3732	0.333	ug/L	100
5) Vinyl chloride	1.599	62	1767	0.152	ug/L #	77
12) 1,1-Dichloroethene	2.570	96	1405	0.180	ug/L #	1
13) Acetone	2.634	43	13271	8.315	ug/L	100
21) 2-Butanone	4.714	43	33628	13.750	ug/L	79
22) cis-1,2-Dichloroethene	4.666	96	77198	7.571	ug/L	95
34) Trichloroethene	6.541	95	126443	11.706	ug/L	98
47) Tetrachloroethene	8.554	164	2239	0.288	ug/L	84

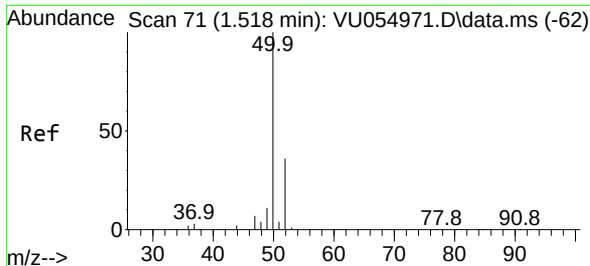
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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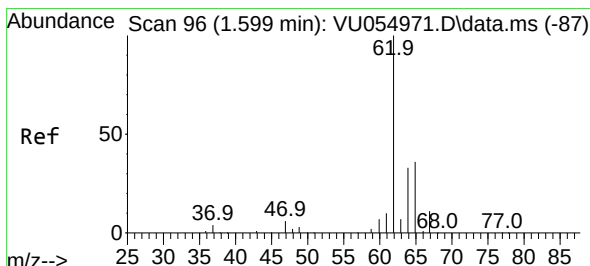
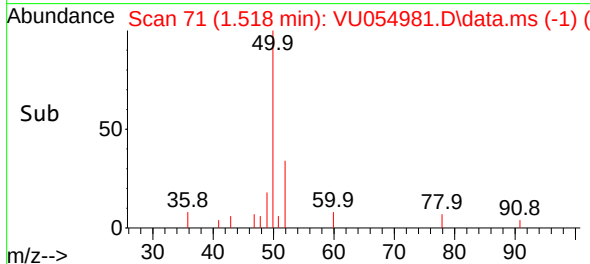
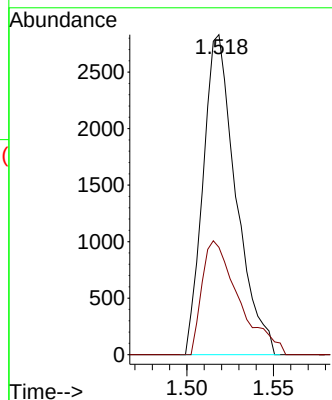
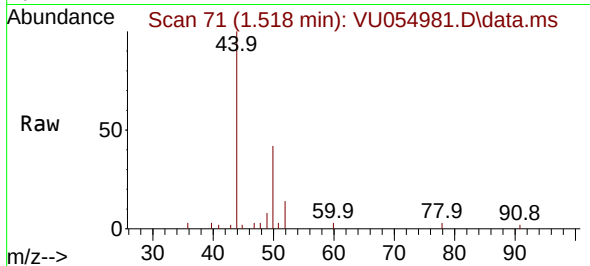




#3
Chloromethane
Concen: 0.333 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054981.D
Acq: 30 Aug 2023 02:03

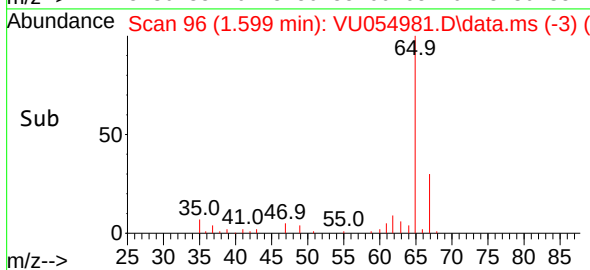
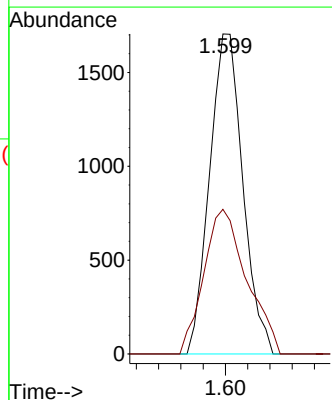
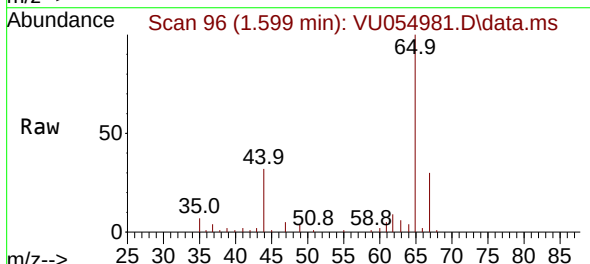
Instrument :
MSVOA_U
ClientSampleId :
COALO

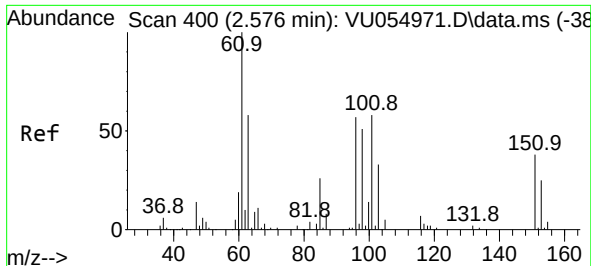
Tgt Ion: 50 Resp: 3732
Ion Ratio Lower Upper
50 100
52 33.6 23.4 43.6



#5
Vinyl chloride
Concen: 0.152 ug/L
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU054981.D
Acq: 30 Aug 2023 02:03

Tgt Ion: 62 Resp: 1767
Ion Ratio Lower Upper
62 100
64 45.2 22.7 42.1#





#12

1,1-Dichloroethene

Concen: 0.180 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.006 min

Lab File: VU054981.D

Acq: 30 Aug 2023 02:03

Instrument :

MSVOA_U

ClientSampleId :

COALO

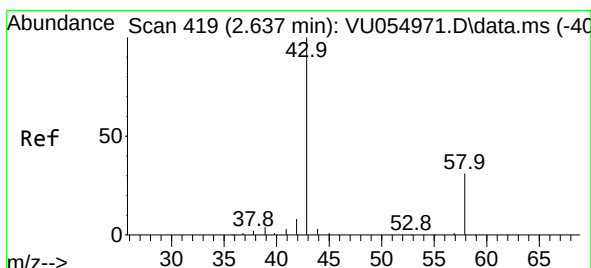
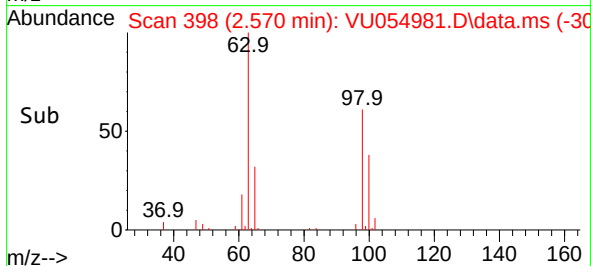
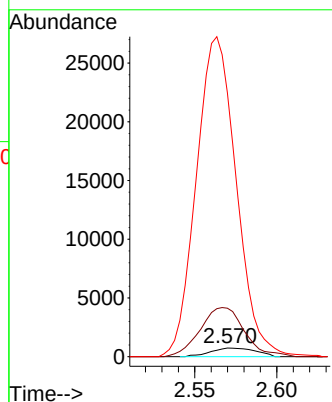
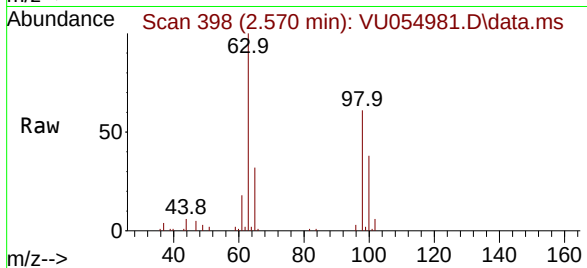
Tgt Ion: 96 Resp: 1405

Ion Ratio Lower Upper

96 100

61 563.8 132.4 245.8#

63 3068.9 82.5 153.1#



#13

Acetone

Concen: 8.315 ug/L

RT: 2.634 min Scan# 418

Delta R.T. -0.003 min

Lab File: VU054981.D

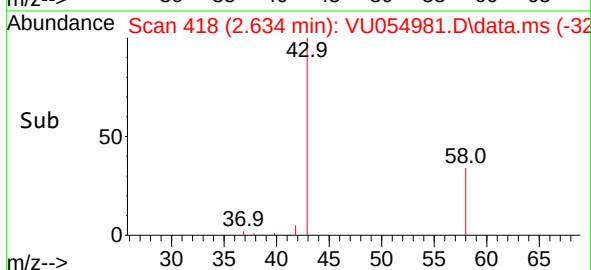
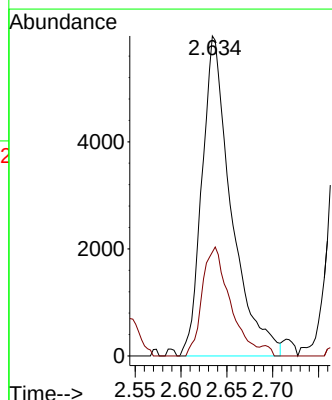
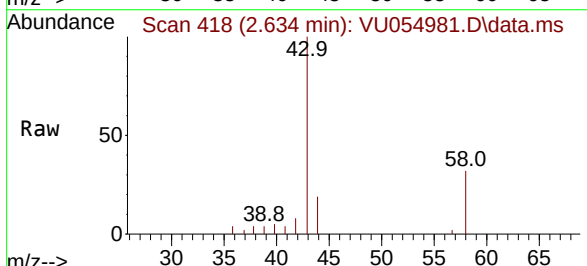
Acq: 30 Aug 2023 02:03

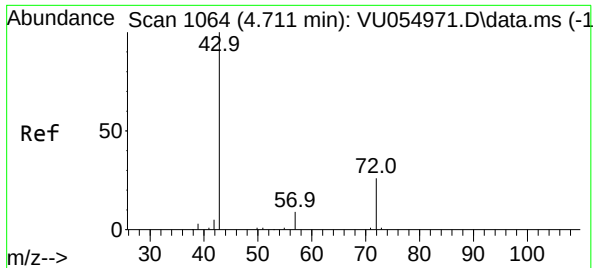
Tgt Ion: 43 Resp: 13271

Ion Ratio Lower Upper

43 100

58 32.3 0.0 64.4

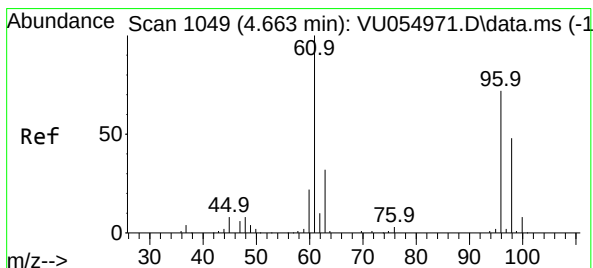
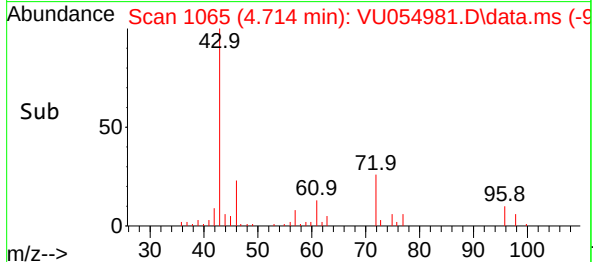
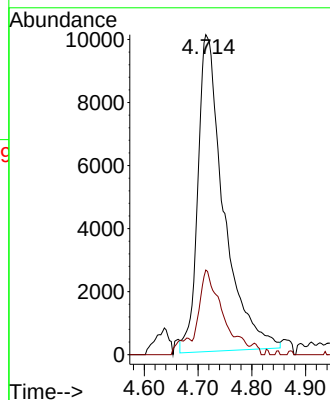
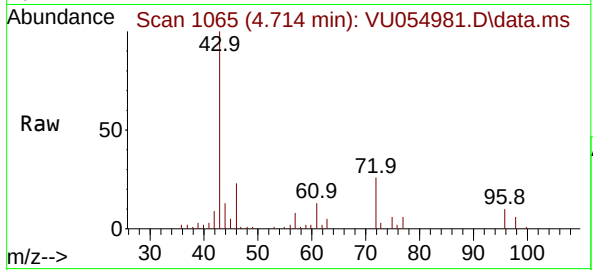




#21
2-Butanone
Concen: 13.750 ug/L
RT: 4.714 min Scan# 1065
Delta R.T. 0.003 min
Lab File: VU054981.D
Acq: 30 Aug 2023 02:03

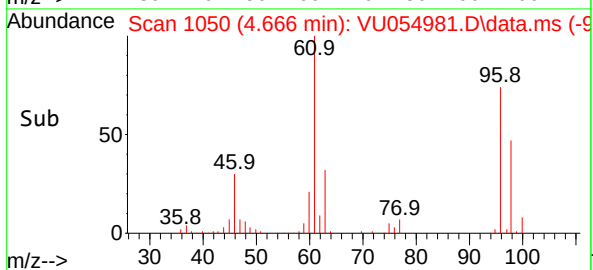
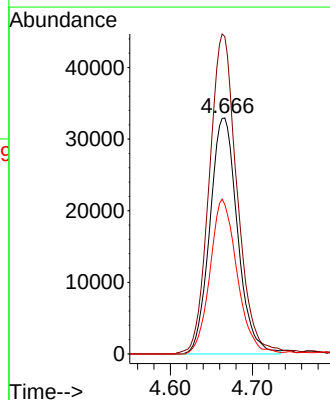
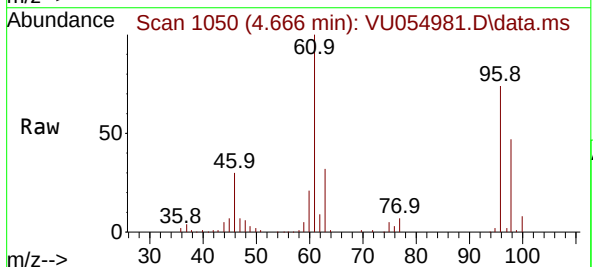
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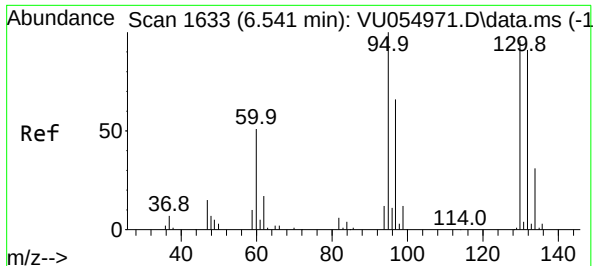
Tgt Ion: 43 Resp: 33628
Ion Ratio Lower Upper
43 100
72 17.2 14.1 42.3



#22
cis-1,2-Dichloroethene
Concen: 7.571 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU054981.D
Acq: 30 Aug 2023 02:03

Tgt Ion: 96 Resp: 77198
Ion Ratio Lower Upper
96 100
61 134.4 88.4 164.2
98 63.3 44.0 81.6

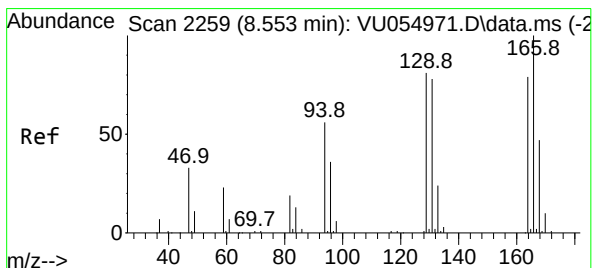
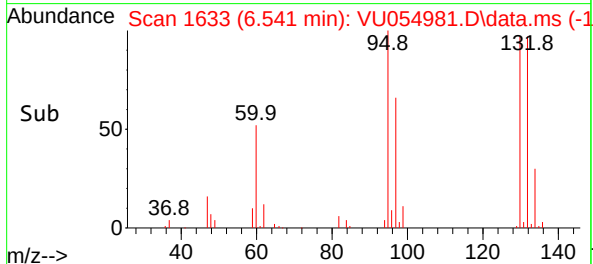
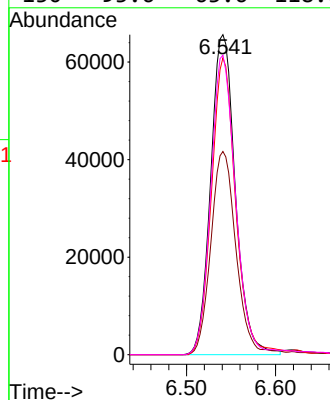
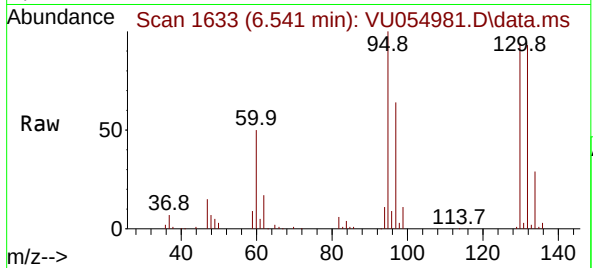




#34
Trichloroethene
Concen: 11.706 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU054981.D
Acq: 30 Aug 2023 02:03

Instrument :
MSVOA_U
ClientSampleId :
COALO

Tgt Ion: 95 Resp: 126443
Ion Ratio Lower Upper
95 100
97 63.5 44.1 81.9
132 92.7 63.6 118.2
130 93.6 63.6 118.0



#47
Tetrachloroethene
Concen: 0.288 ug/L
RT: 8.554 min Scan# 2259
Delta R.T. 0.000 min
Lab File: VU054981.D
Acq: 30 Aug 2023 02:03

Tgt Ion:164 Resp: 2239
Ion Ratio Lower Upper
164 100
129 88.5 72.8 135.2
131 82.2 70.7 131.3
166 119.3 95.9 178.1

