

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082823\
 Data File : VU054926.D
 Acq On : 28 Aug 2023 16:09
 Operator : MD/SY
 Sample : 04173-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK7

Quant Time: Aug 29 04:59:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 04:51:39 2023
 Response via : Initial Calibration

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

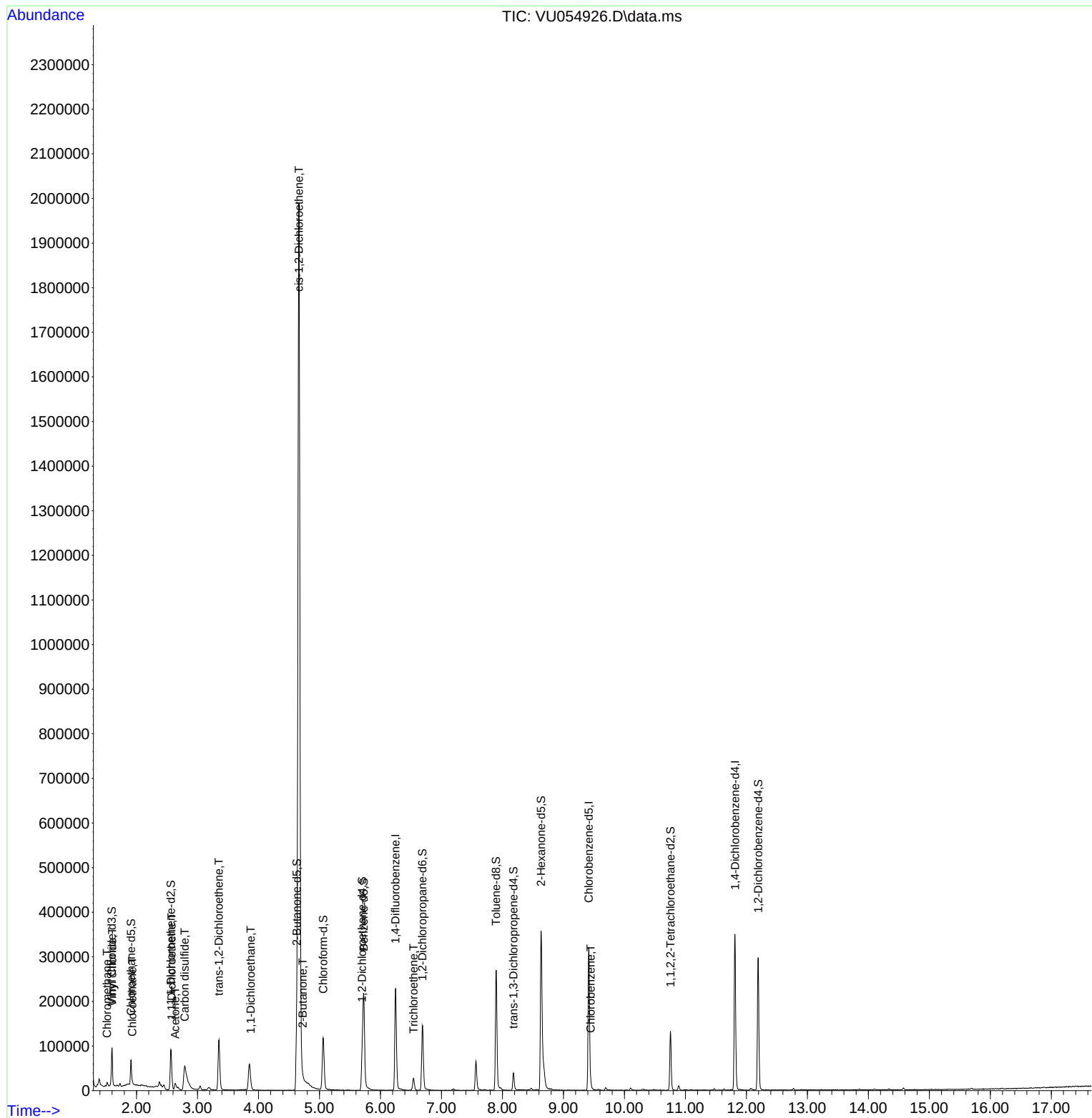
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	179434	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	174828	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	88819	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	28505	5.033	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.600%
7) Chloroethane-d5	1.911	69	35952	4.914	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.563	65	15905	4.969	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.400%
20) 2-Butanone-d5	4.628	46	184025	60.198	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.400%
24) Chloroform-d	5.062	84	104858	4.991	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.698	65	59591	5.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.727	84	195929	4.986	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.689	67	69773	5.048	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.898	98	180469	4.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	8.180	79	22545	4.957	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.200%
46) 2-Hexanone-d5	8.634	63	117459	54.406	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.820%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	63416	5.351	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	71353	5.031	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	6143	0.530	ug/L	100
5) Vinyl chloride	1.602	62	31000	2.574	ug/L	99
8) Chloroethane	1.933	64	3978	0.502	ug/L #	82
12) 1,1-Dichloroethene	2.576	96	5826	0.719	ug/L #	1
13) Acetone	2.634	43	21105	12.772	ug/L	98
14) Carbon disulfide	2.792	76	8863	0.395	ug/L	96
18) trans-1,2-Dichloroethene	3.351	96	45045	5.088	ug/L	98
19) 1,1-Dichloroethane	3.872	63	7010	0.377	ug/L #	89
21) 2-Butanone	4.724	43	19067	7.530	ug/L	86
22) cis-1,2-Dichloroethene	4.663	96	991440	93.922	ug/L	95
34) Trichloroethene	6.544	95	9104	0.797	ug/L	94
51) Chlorobenzene	9.447	112	4214	0.141	ug/L #	83

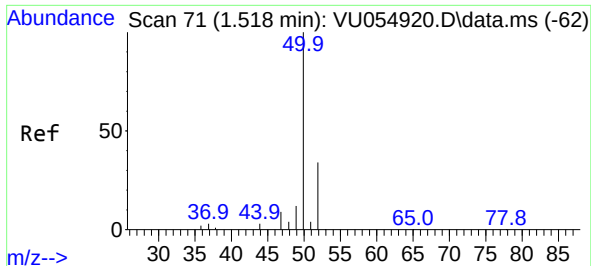
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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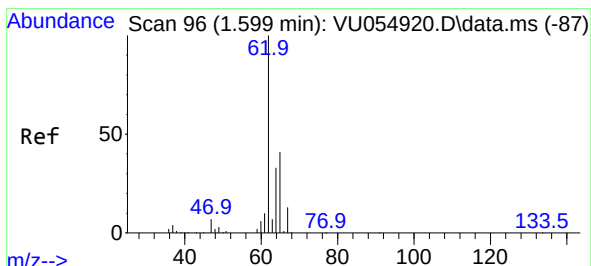
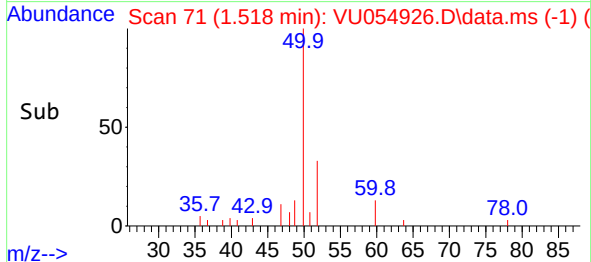
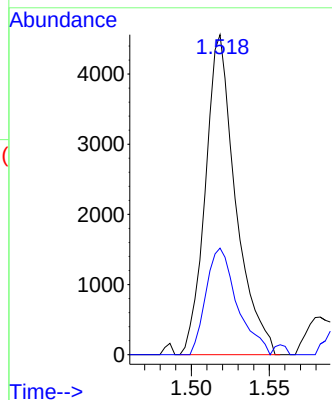
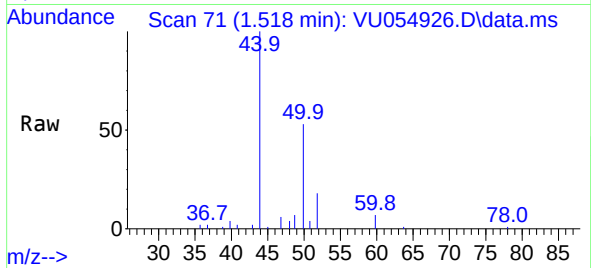




#3
Chloromethane
Concen: 0.530 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU054926.D
Acq: 28 Aug 2023 16:09

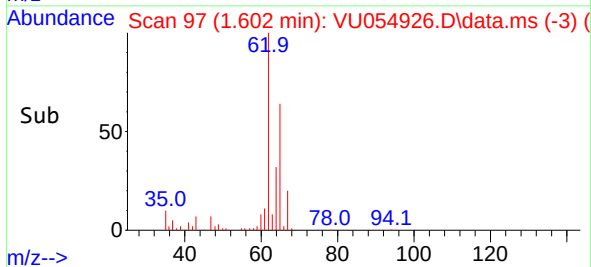
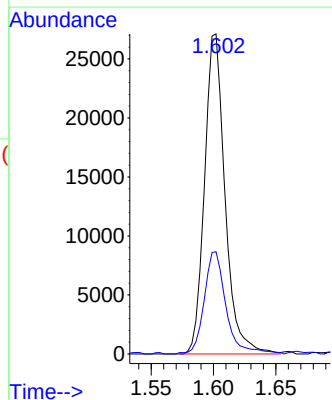
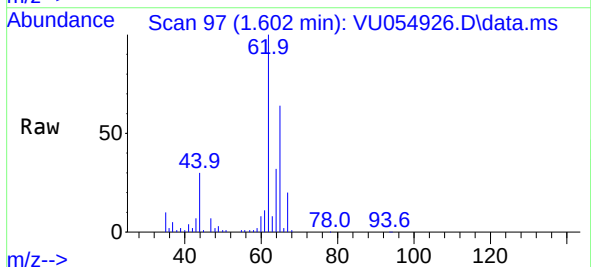
Instrument :
MSVOA_U
ClientSampleId :
C0AK7

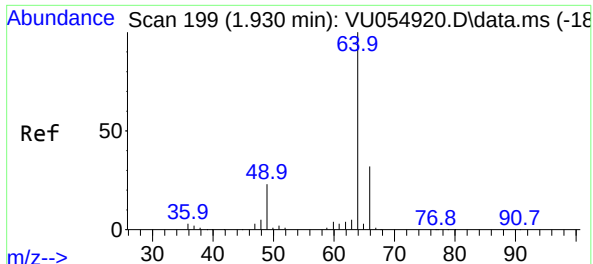
Tgt Ion: 50 Resp: 6143
Ion Ratio Lower Upper
50 100
52 33.3 23.4 43.6



#5
Vinyl chloride
Concen: 2.574 ug/L
RT: 1.602 min Scan# 97
Delta R.T. 0.003 min
Lab File: VU054926.D
Acq: 28 Aug 2023 16:09

Tgt Ion: 62 Resp: 31000
Ion Ratio Lower Upper
62 100
64 32.0 22.7 42.1

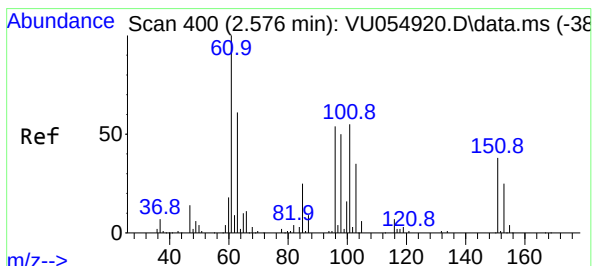
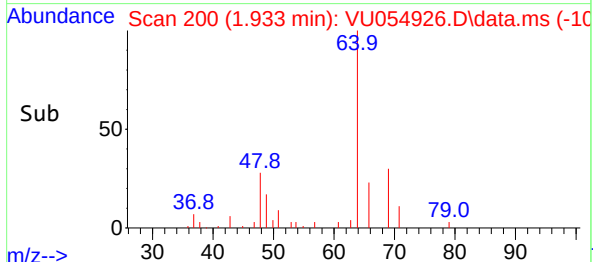
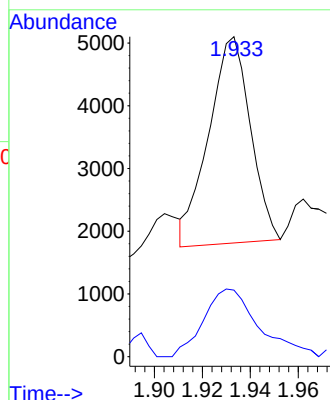
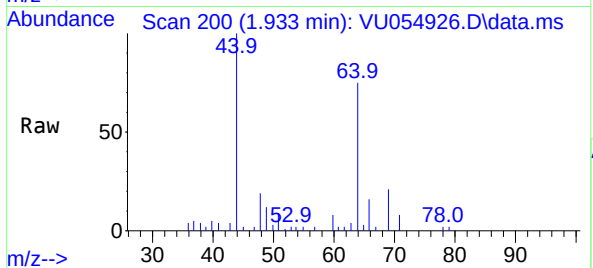




#8
Chloroethane
Concen: 0.502 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU054926.D
Acq: 28 Aug 2023 16:09

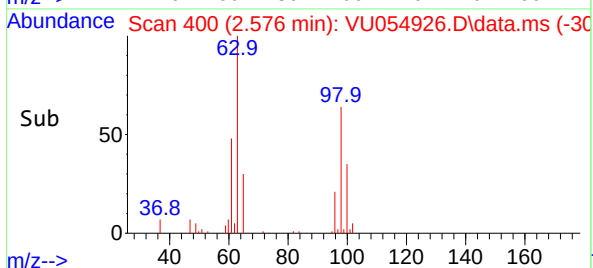
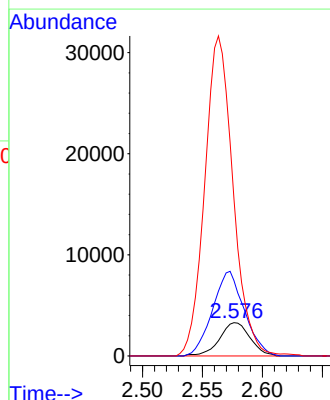
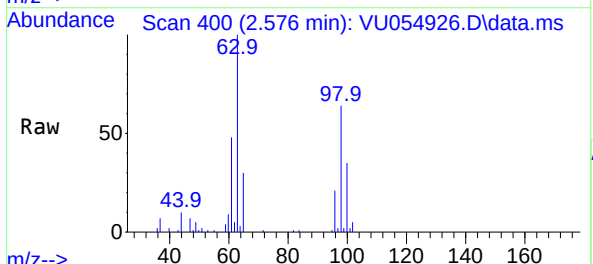
Instrument :
MSVOA_U
ClientSampleId :
C0AK7

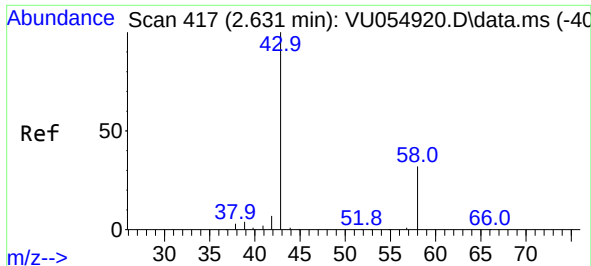
Tgt Ion: 64 Resp: 3978
Ion Ratio Lower Upper
64 100
66 20.8 21.5 39.9#



#12
1,1-Dichloroethene
Concen: 0.719 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU054926.D
Acq: 28 Aug 2023 16:09

Tgt Ion: 96 Resp: 5826
Ion Ratio Lower Upper
96 100
61 226.6 132.4 245.8
63 472.6 82.5 153.1#





#13

Acetone

Concen: 12.772 ug/L

RT: 2.634 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU054926.D

Acq: 28 Aug 2023 16:09

Instrument :

MSVOA_U

ClientSampleId :

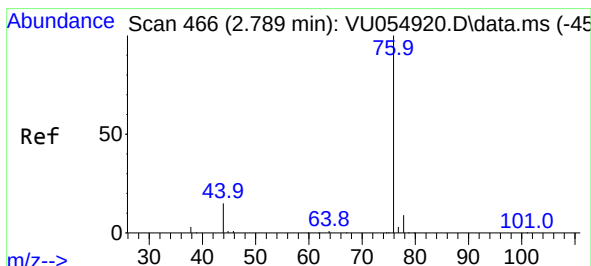
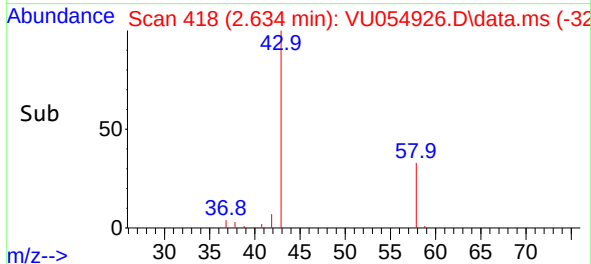
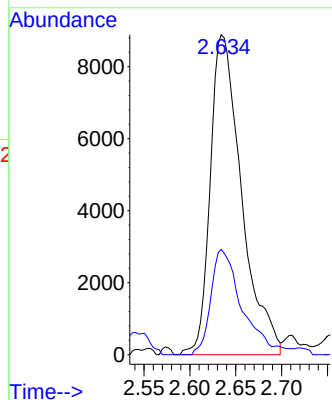
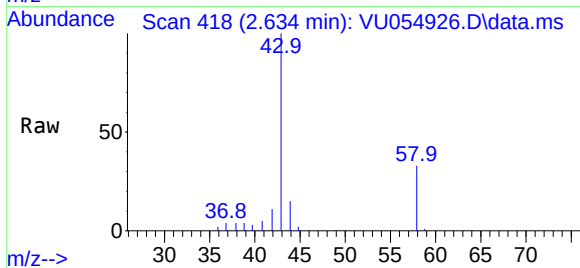
C0AK7

Tgt Ion: 43 Resp: 21105

Ion Ratio Lower Upper

43 100

58 33.1 0.0 64.4



#14

Carbon disulfide

Concen: 0.395 ug/L

RT: 2.792 min Scan# 467

Delta R.T. 0.003 min

Lab File: VU054926.D

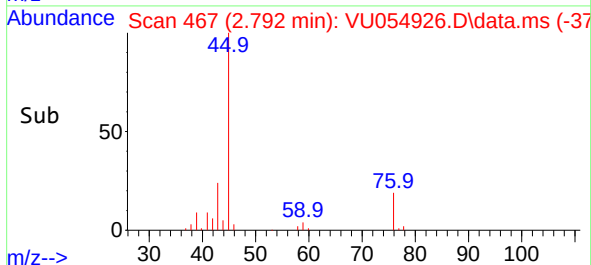
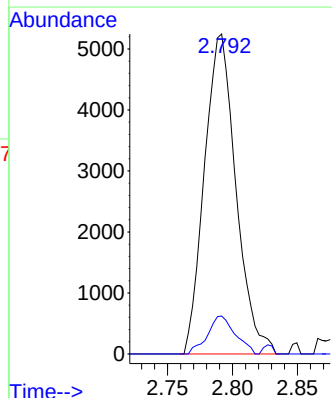
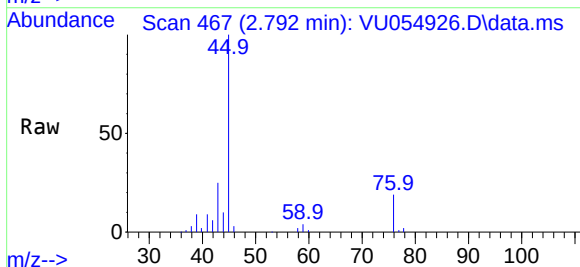
Acq: 28 Aug 2023 16:09

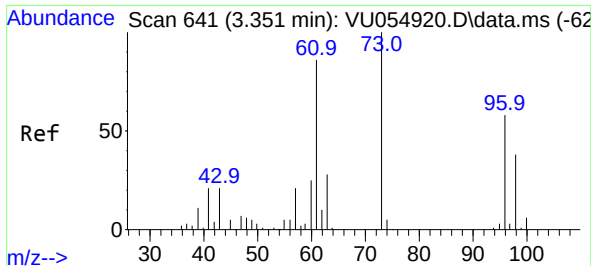
Tgt Ion: 76 Resp: 8863

Ion Ratio Lower Upper

76 100

78 11.9 8.2 12.2

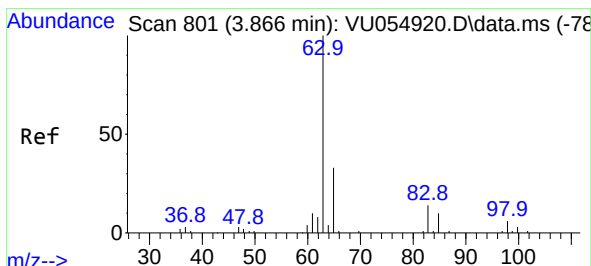
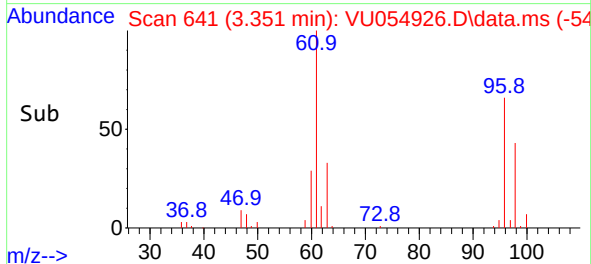
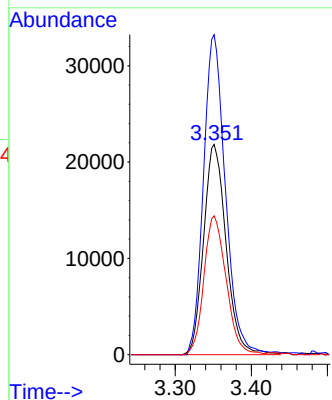
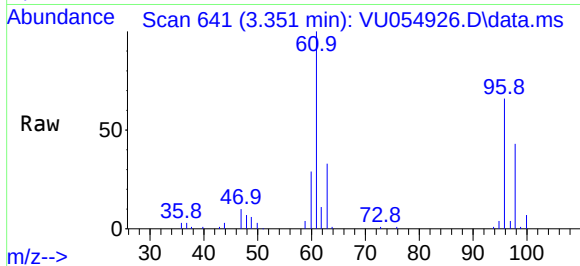




#18
trans-1,2-Dichloroethene
Concen: 5.088 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU054926.D
Acq: 28 Aug 2023 16:09

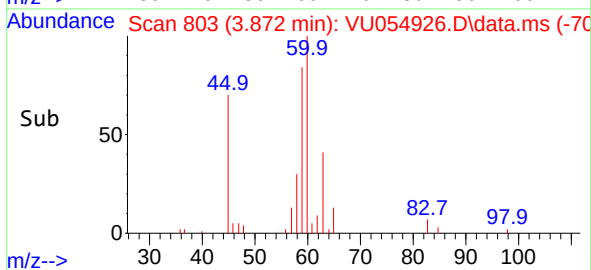
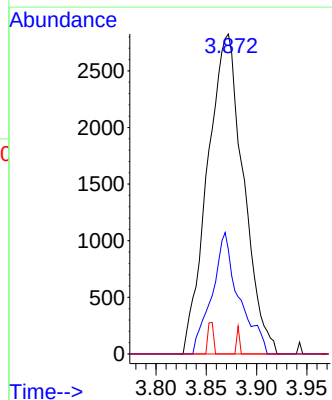
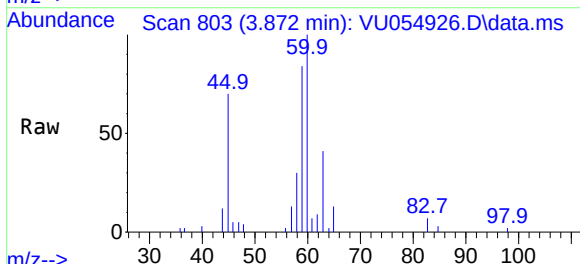
Instrument :
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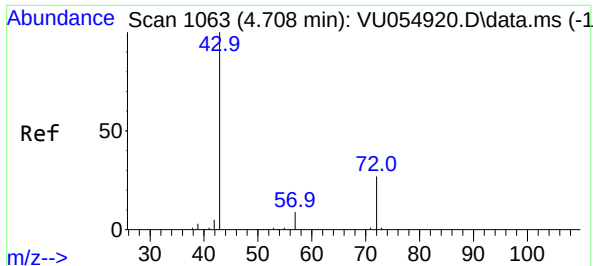
Tgt Ion: 96 Resp: 45045
Ion Ratio Lower Upper
96 100
61 152.2 108.8 202.0
98 66.1 45.8 85.2



#19
1,1-Dichloroethane
Concen: 0.377 ug/L
RT: 3.872 min Scan# 803
Delta R.T. 0.006 min
Lab File: VU054926.D
Acq: 28 Aug 2023 16:09

Tgt Ion: 63 Resp: 7010
Ion Ratio Lower Upper
63 100
65 32.6 22.5 41.7
83 0.0 9.5 17.7#

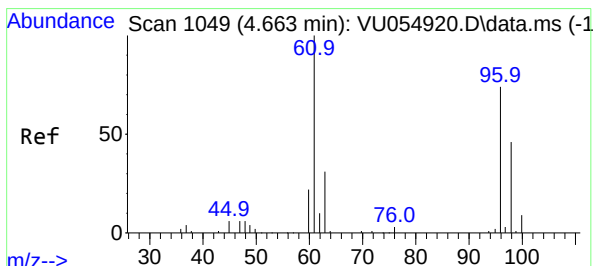
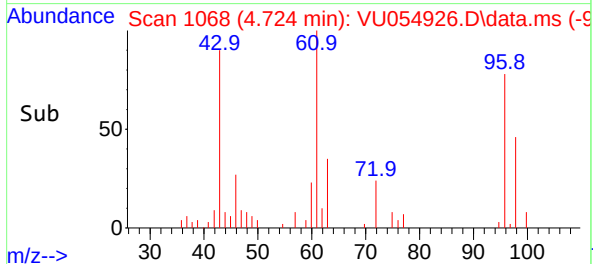
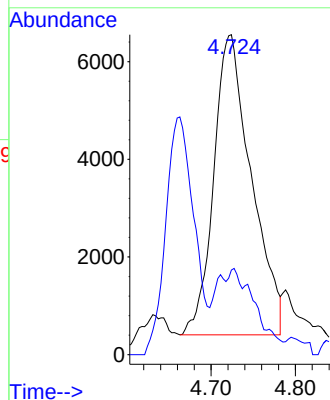
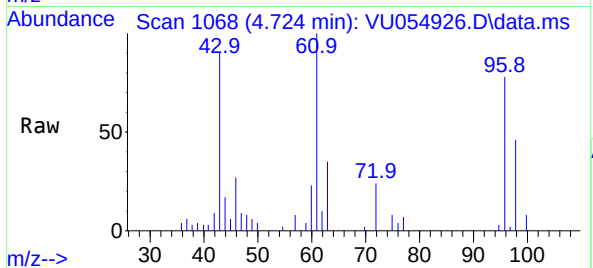




#21
2-Butanone
Concen: 7.530 ug/L
RT: 4.724 min Scan# 1068
Delta R.T. 0.016 min
Lab File: VU054926.D
Acq: 28 Aug 2023 16:09

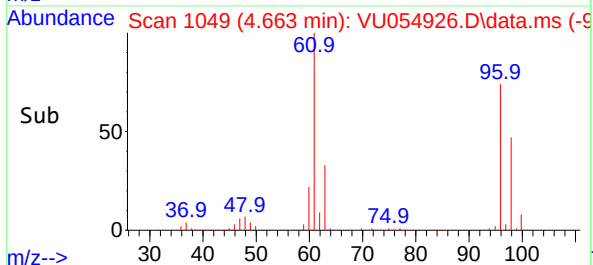
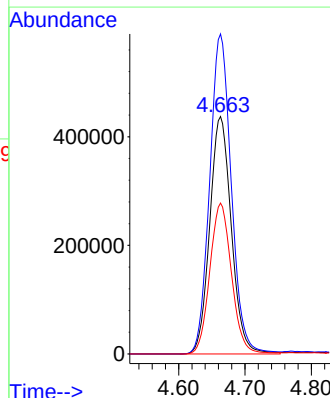
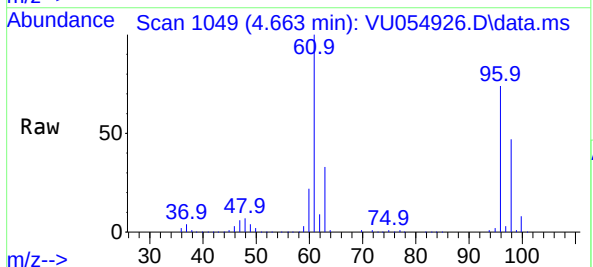
Instrument :
MSVOA_U
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C0AK7

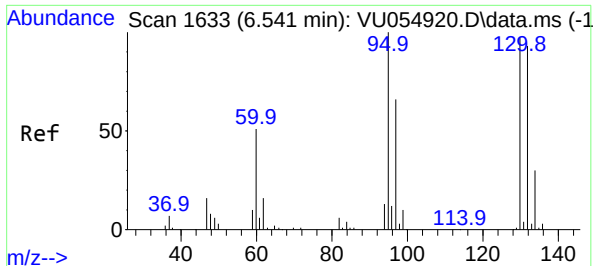
Tgt Ion: 43 Resp: 19067
Ion Ratio Lower Upper
43 100
72 21.0 14.1 42.3



#22
cis-1,2-Dichloroethene
Concen: 93.922 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU054926.D
Acq: 28 Aug 2023 16:09

Tgt Ion: 96 Resp: 991440
Ion Ratio Lower Upper
96 100
61 134.8 88.4 164.2
98 63.5 44.0 81.6



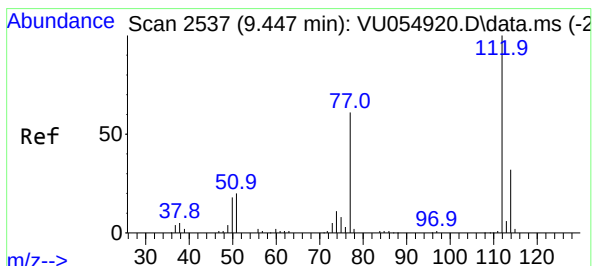
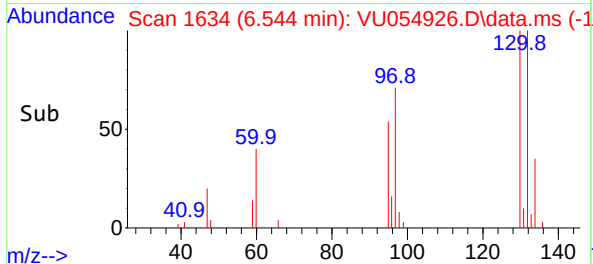
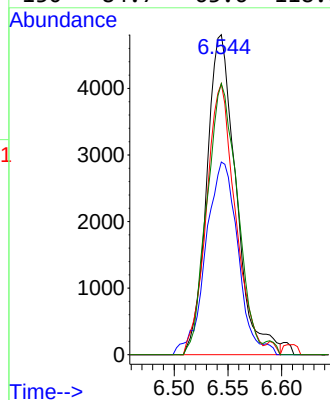
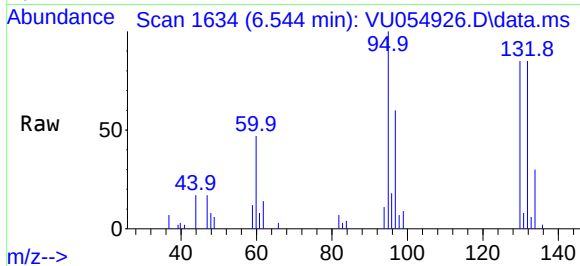


#34
Trichloroethene
Concen: 0.797 ug/L
RT: 6.544 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU054926.D
Acq: 28 Aug 2023 16:09

Instrument :
MSVOA_U
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Tgt Ion: 95 Resp: 9104

Ion	Ratio	Lower	Upper
95	100		
97	60.2	44.1	81.9
132	84.6	63.6	118.2
130	84.7	63.6	118.0



#51
Chlorobenzene
Concen: 0.141 ug/L
RT: 9.447 min Scan# 2537
Delta R.T. -0.000 min
Lab File: VU054926.D
Acq: 28 Aug 2023 16:09

Tgt Ion: 112 Resp: 4214

Ion	Ratio	Lower	Upper
112	100		
114	29.8	23.4	43.4
77	79.5	49.3	73.9#

