

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011323\
 Data File : VU052675.D
 Acq On : 13 Jan 2023 18:57
 Operator : JC/MD
 Sample : N1139-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1Z9

Quant Time: Jan 13 22:28:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:53:59 2023
 Response via : Initial Calibration

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

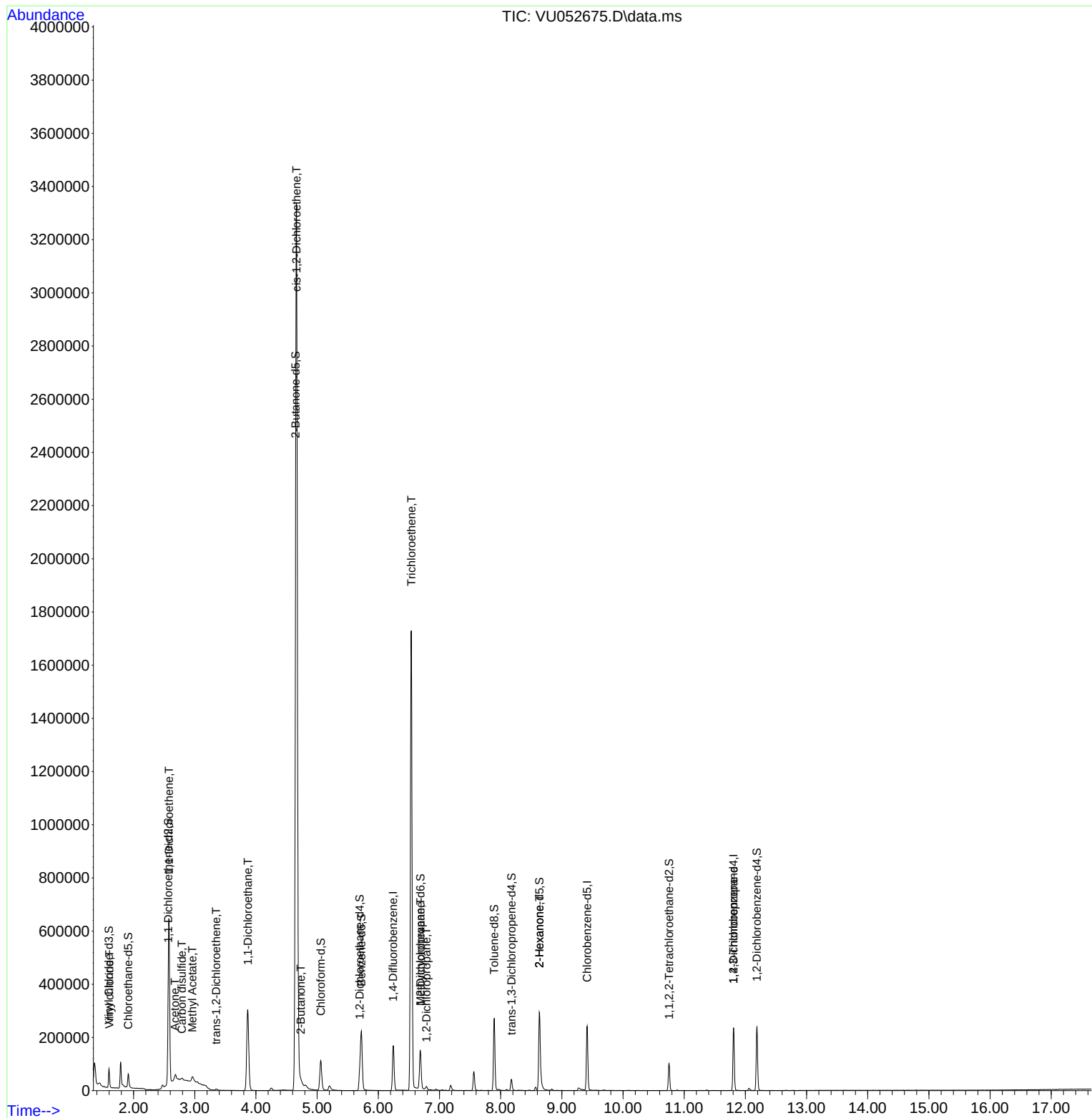
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	135076	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	133988	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	62554	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	45636	3.846	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.913	69	41909	4.335	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.565	65	22167	4.242	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.649	46	145223	45.769	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.540%
24) Chloroform-d	5.060	84	105486	4.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.697	65	55212	4.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.723	84	208408	4.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.687	67	70179	4.849	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.893	98	177321	4.631	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	8.176	79	24657	4.581	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.633	63	110711	49.521	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.040%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	51641	4.661	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	63921	5.613	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	9333	0.554	ug/L	83
12) 1,1-Dichloroethene	2.578	96	193664	16.537	ug/L #	77
13) Acetone	2.678	43	12506	5.496	ug/L	83
14) Carbon disulfide	2.790	76	7475	0.185	ug/L	95
15) Methyl Acetate	2.961	43	35006	6.417	ug/L	91
18) trans-1,2-Dichloroethene	3.350	96	2018	0.169	ug/L	83
19) 1,1-Dichloroethane	3.867	63	362391	14.612	ug/L	100
21) 2-Butanone	4.736	43	41778	11.405	ug/L	97
22) cis-1,2-Dichloroethene	4.662	96	1729046	134.808	ug/L	98
34) Trichloroethene	6.539	95	590371	47.061	ug/L	96
35) Methylcyclohexane	6.687	83	17064	0.824	ug/L #	15
37) 1,2-Dichloropropane	6.787	63	3917	0.275	ug/L #	94
48) 2-Hexanone	8.633	43	12545	2.105	ug/L #	74
61) 1,2,3-Trichloropropane	11.806	75	7273	1.000	ug/L #	69

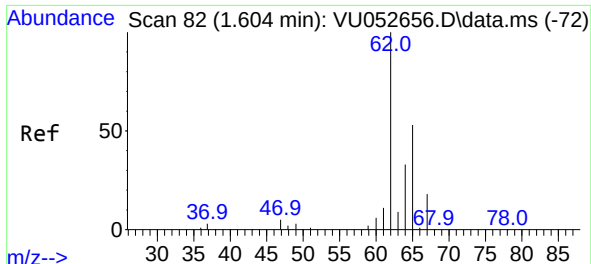
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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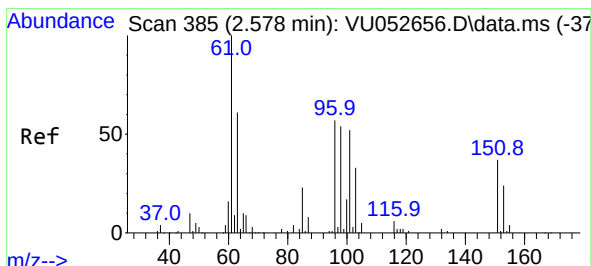
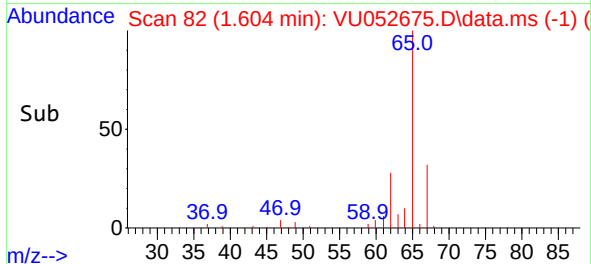
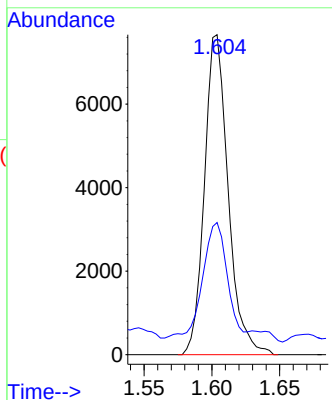
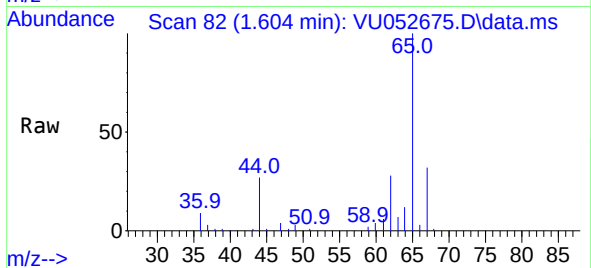




#5
 Vinyl chloride
 Concen: 0.554 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU052675.D
 Acq: 13 Jan 2023 18:57

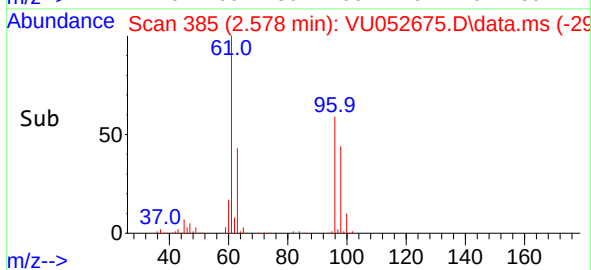
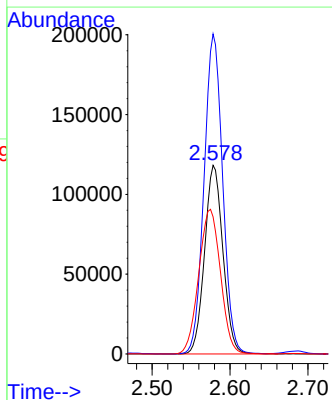
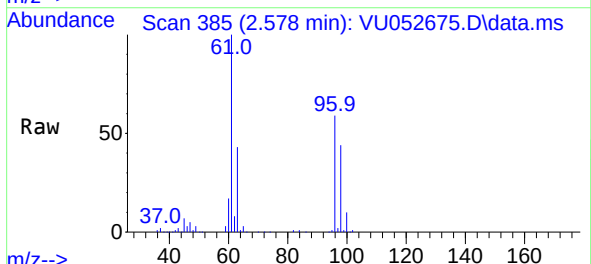
Instrument :
 MSVOA_U
 ClientSampleId :
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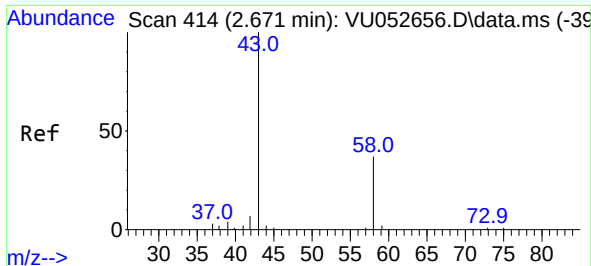
Tgt Ion: 62 Resp: 9333
 Ion Ratio Lower Upper
 62 100
 64 41.3 22.3 41.3



#12
 1,1-Dichloroethene
 Concen: 16.537 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU052675.D
 Acq: 13 Jan 2023 18:57

Tgt Ion: 96 Resp: 193664
 Ion Ratio Lower Upper
 96 100
 61 169.6 129.6 240.8
 63 72.7 83.7 155.5#





#13

Acetone

Concen: 5.496 ug/L

RT: 2.678 min Scan# 414

Delta R.T. 0.016 min

Lab File: VU052675.D

Acq: 13 Jan 2023 18:57

Instrument :

MSVOA_U

ClientSampleId :

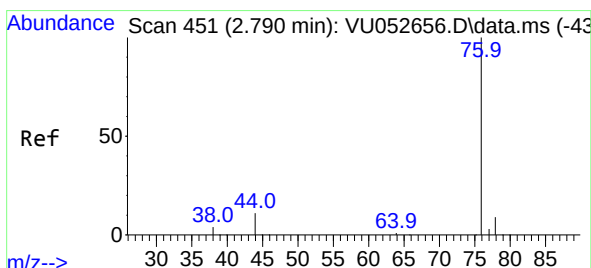
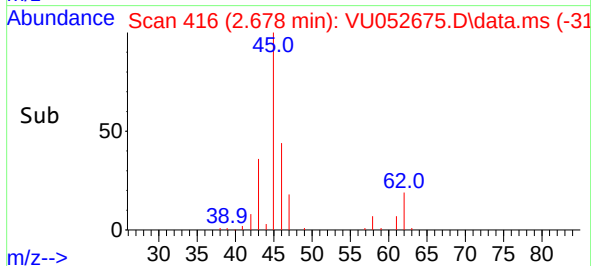
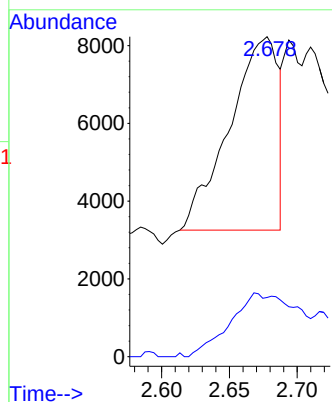
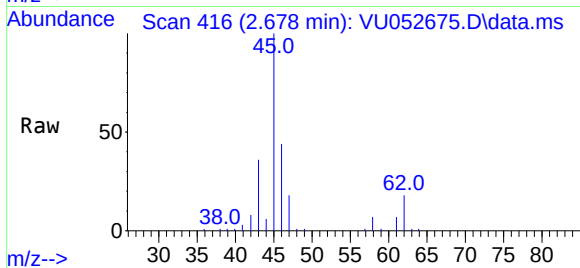
BH1Z9

Tgt Ion: 43 Resp: 12506

Ion Ratio Lower Upper

43 100

58 24.8 0.0 68.8



#14

Carbon disulfide

Concen: 0.185 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU052675.D

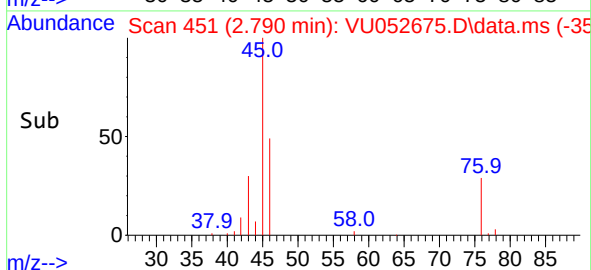
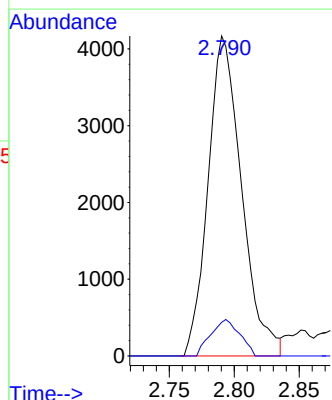
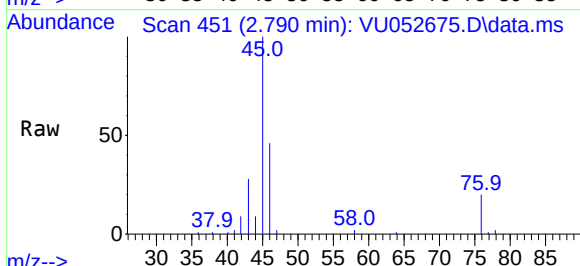
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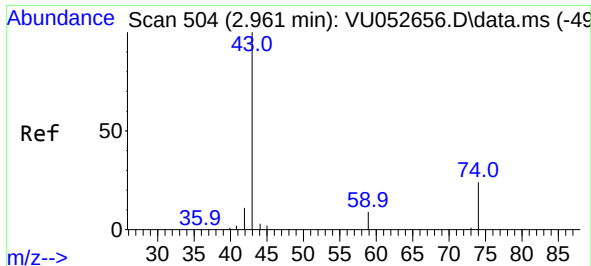
Tgt Ion: 76 Resp: 7475

Ion Ratio Lower Upper

76 100

78 10.5 7.0 10.6

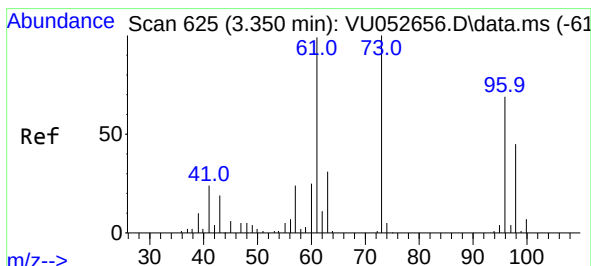
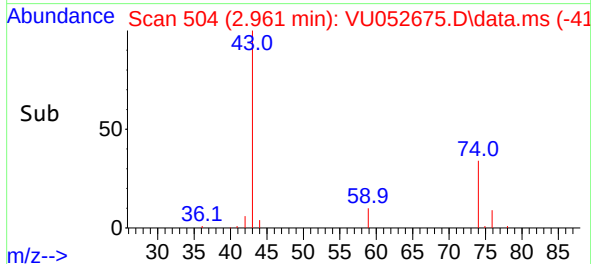
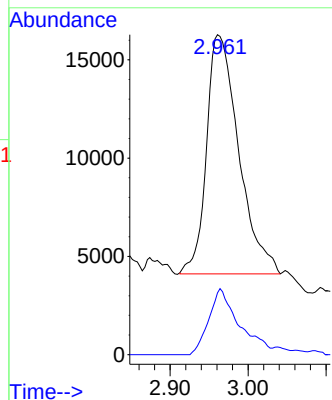
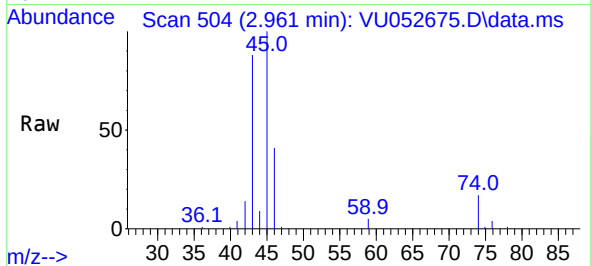




#15
Methyl Acetate
Concen: 6.417 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU052675.D
Acq: 13 Jan 2023 18:57

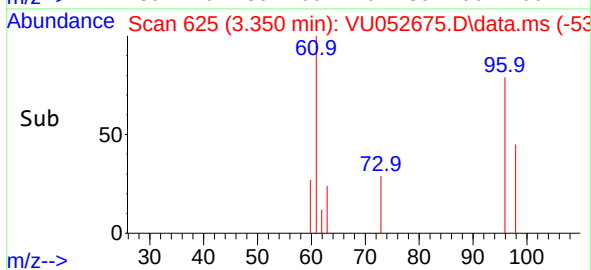
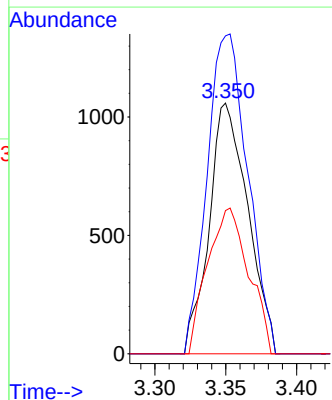
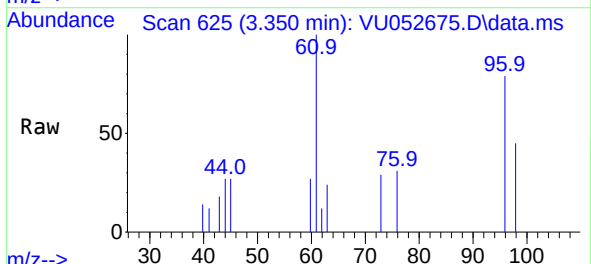
Instrument :
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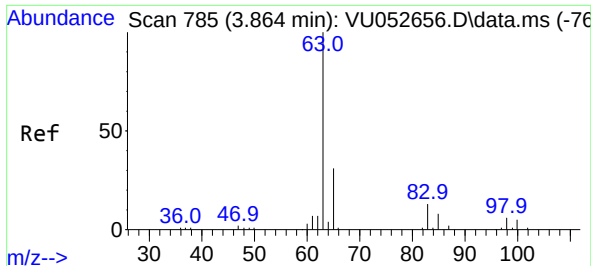
Tgt Ion: 43 Resp: 35006
Ion Ratio Lower Upper
43 100
74 26.2 17.5 26.3



#18
trans-1,2-Dichloroethene
Concen: 0.169 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.003 min
Lab File: VU052675.D
Acq: 13 Jan 2023 18:57

Tgt Ion: 96 Resp: 2018
Ion Ratio Lower Upper
96 100
61 126.8 108.4 201.4
98 57.1 43.8 81.4

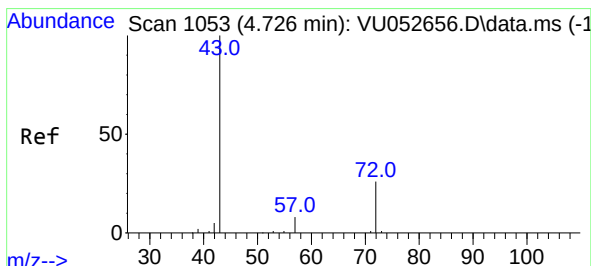
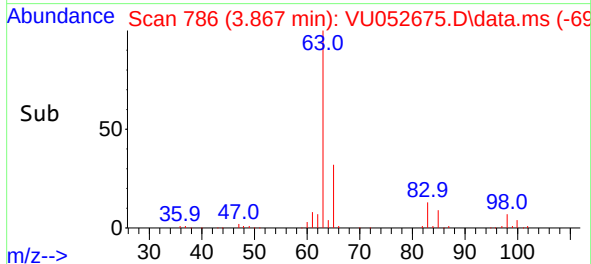
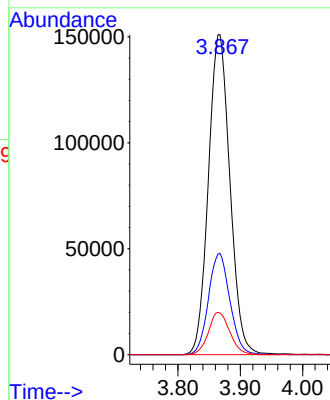
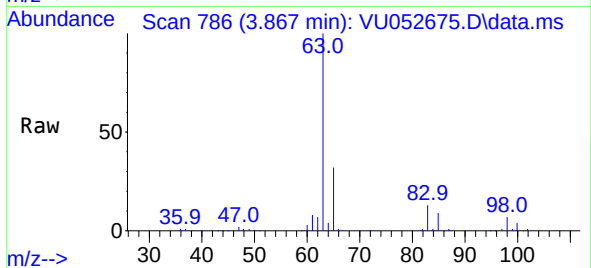




#19
1,1-Dichloroethane
Concen: 14.612 ug/L
RT: 3.867 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU052675.D
Acq: 13 Jan 2023 18:57

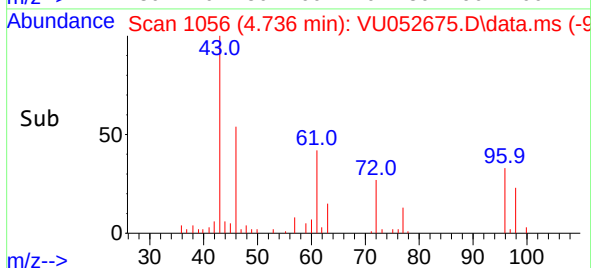
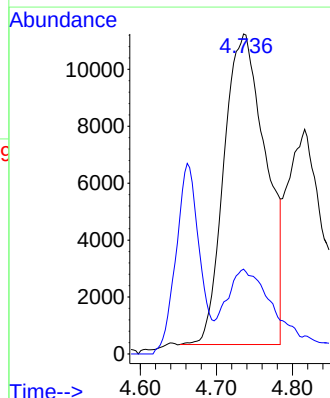
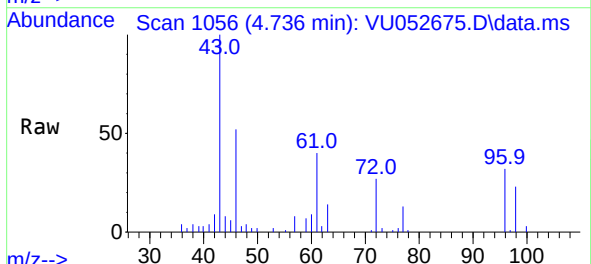
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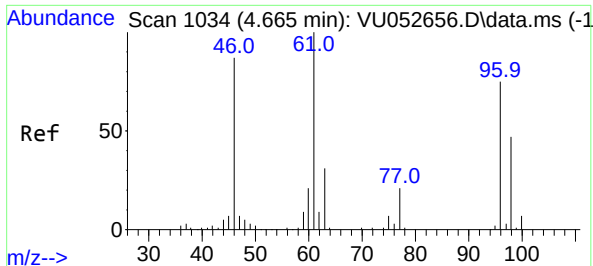
Tgt Ion: 63 Resp: 362391
Ion Ratio Lower Upper
63 100
65 31.7 22.0 41.0
83 13.0 8.9 16.5



#21
2-Butanone
Concen: 11.405 ug/L
RT: 4.736 min Scan# 1056
Delta R.T. 0.019 min
Lab File: VU052675.D
Acq: 13 Jan 2023 18:57

Tgt Ion: 43 Resp: 41778
Ion Ratio Lower Upper
43 100
72 24.0 12.9 38.6

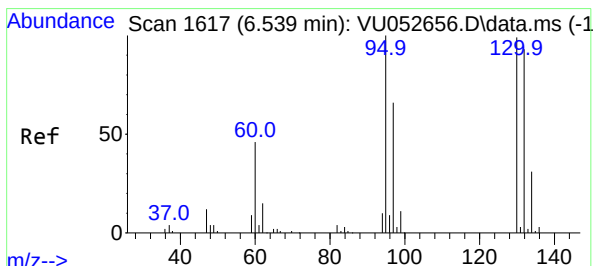
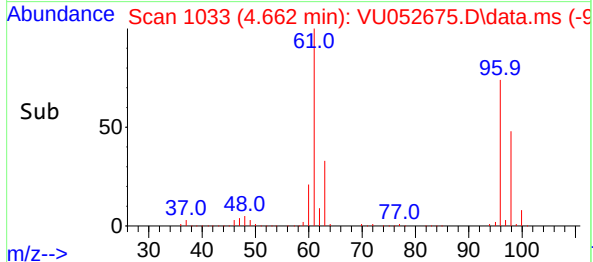
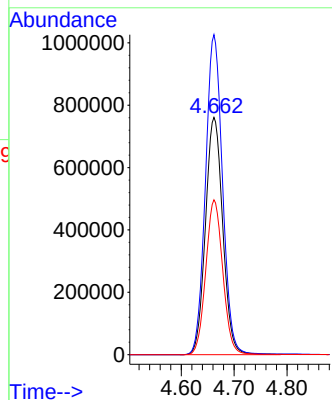
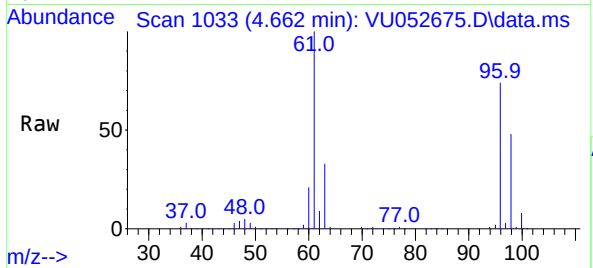




#22
cis-1,2-Dichloroethene
Concen: 134.808 ug/L
RT: 4.662 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU052675.D
Acq: 13 Jan 2023 18:57

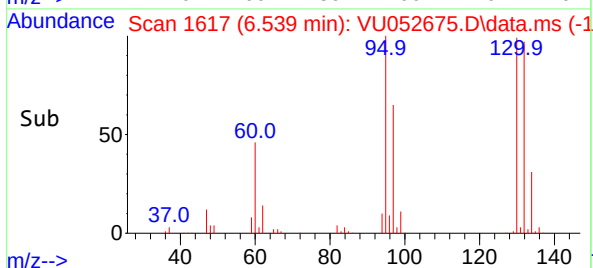
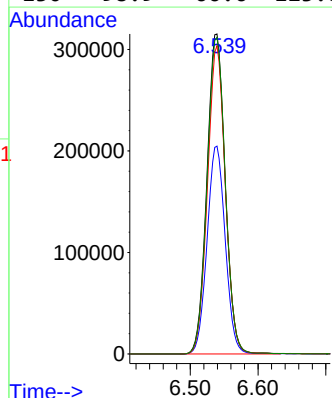
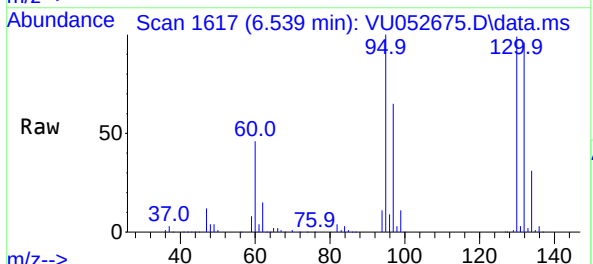
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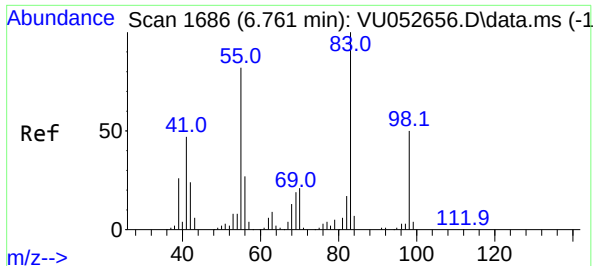
Tgt Ion: 96 Resp: 1729046
Ion Ratio Lower Upper
96 100
61 134.9 94.6 175.8
98 65.3 43.3 80.3



#34
Trichloroethene
Concen: 47.061 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052675.D
Acq: 13 Jan 2023 18:57

Tgt Ion: 95 Resp: 590371
Ion Ratio Lower Upper
95 100
97 64.9 46.0 85.4
132 96.3 64.0 118.8
130 98.9 66.6 123.8

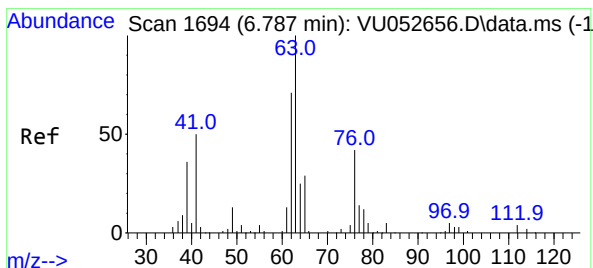
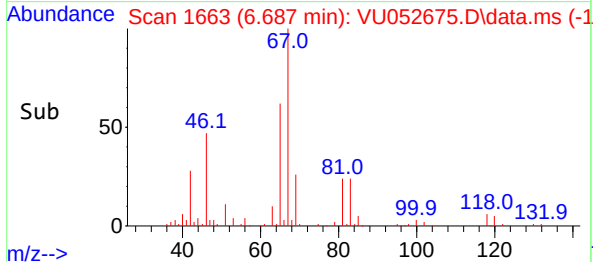
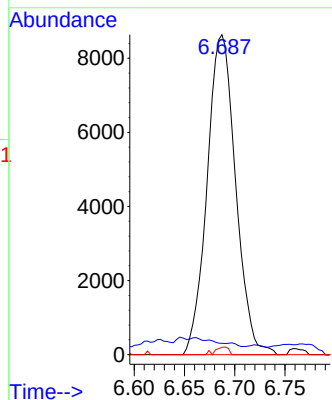
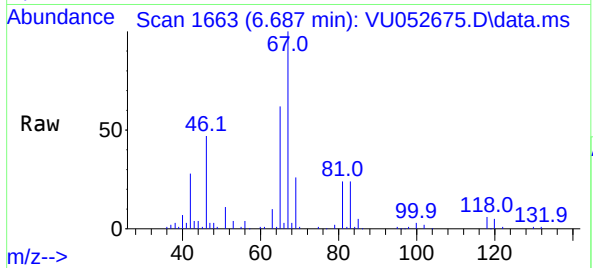




#35
Methylcyclohexane
Concen: 0.824 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.071 min
Lab File: VU052675.D
Acq: 13 Jan 2023 18:57

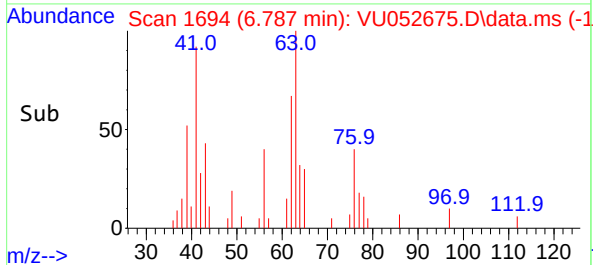
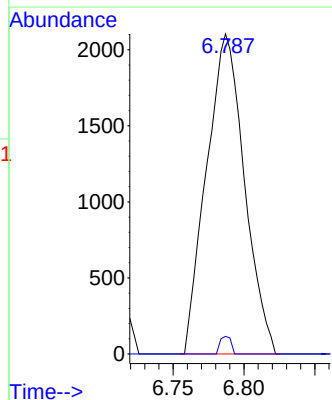
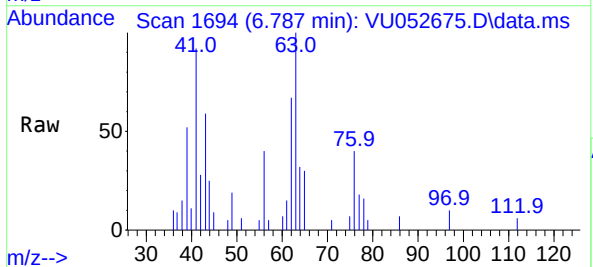
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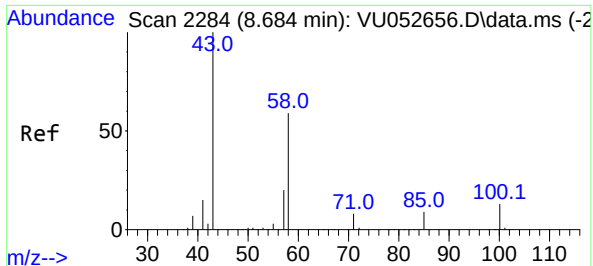
Tgt Ion: 83 Resp: 17064
Ion Ratio Lower Upper
83 100
55 0.3 67.6 101.4#
98 0.0 37.1 55.7#



#37
1,2-Dichloropropane
Concen: 0.275 ug/L
RT: 6.787 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VU052675.D
Acq: 13 Jan 2023 18:57

Tgt Ion: 63 Resp: 3917
Ion Ratio Lower Upper
63 100
112 1.6 2.9 4.3#

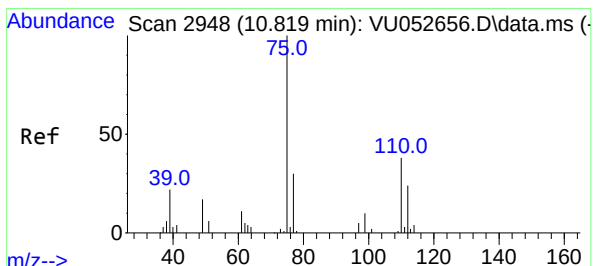
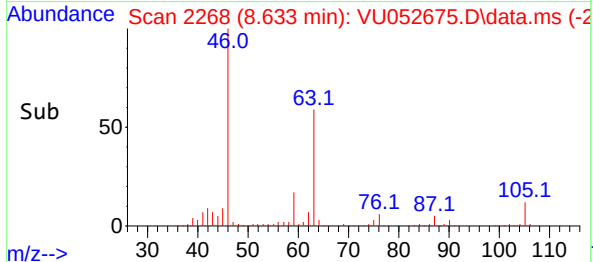
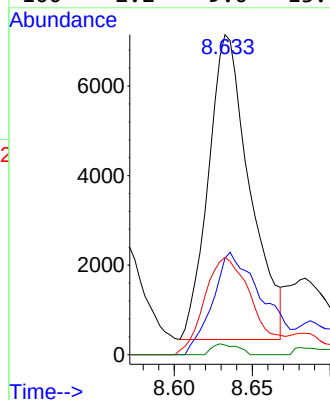
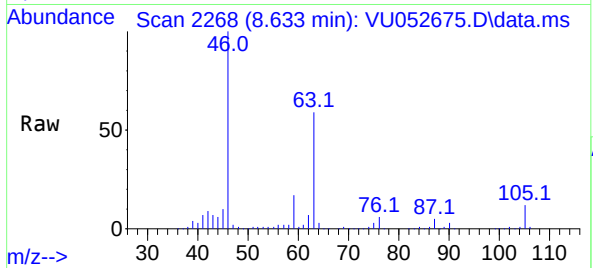




#48
2-Hexanone
Concen: 2.105 ug/L
RT: 8.633 min Scan# 21
Delta R.T. -0.048 min
Lab File: VU052675.D
Acq: 13 Jan 2023 18:57

Instrument :
MSVOA_U
ClientSampleId :
BH1Z9

Tgt Ion: 43	Resp: 12545
Ion Ratio	Lower Upper
43	100
58	40.7 45.1 67.7#
57	37.2 15.1 22.7#
100	2.2 9.0 13.4#



#61
1,2,3-Trichloropropane
Concen: 1.000 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU052675.D
Acq: 13 Jan 2023 18:57

Tgt Ion: 75	Resp: 7273
Ion Ratio	Lower Upper
75	100
110	1.6 27.2 40.8#
77	29.2 24.0 36.0

