

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011323\
 Data File : VU052674.D
 Acq On : 13 Jan 2023 18:33
 Operator : JC/MD
 Sample : N1139-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1Z8

Quant Time: Jan 13 22:28:01 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)

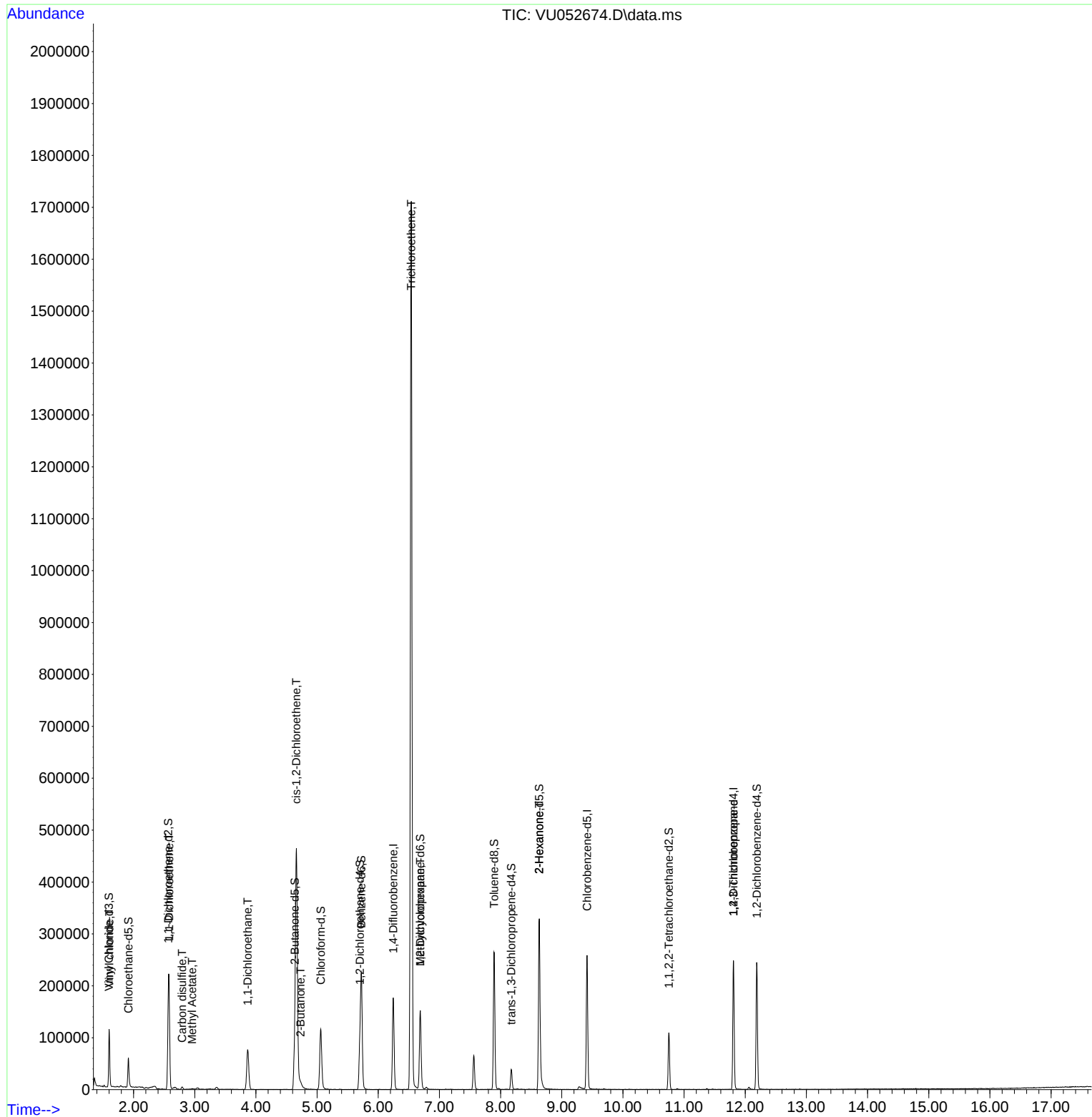
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	141254	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	143356	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	64208	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48019	3.869	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.916	69	42487	4.202	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.568	65	21944	4.015	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.400%
20) 2-Butanone-d5	4.636	46	153814	46.356	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.720%
24) Chloroform-d	5.060	84	109742	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.700	65	57338	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.723	84	212369	4.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.687	67	72225	4.665	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.896	98	176496	4.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	8.176	79	21943	3.811	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.632	63	110367	46.142	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.280%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	54257	4.577	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	63105	5.399	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	37739	2.140	ug/L	92
12) 1,1-Dichloroethene	2.581	96	51061	4.169	ug/L	92
14) Carbon disulfide	2.793	76	6663	0.157	ug/L	98
15) Methyl Acetate	2.957	43	1929	0.338	ug/L #	72
19) 1,1-Dichloroethane	3.864	63	90324	3.483	ug/L	98
21) 2-Butanone	4.729	43	25298	6.604	ug/L #	65
22) cis-1,2-Dichloroethene	4.661	96	218841	16.316	ug/L	98
34) Trichloroethene	6.539	95	586369	43.687	ug/L	97
35) Methylcyclohexane	6.687	83	16455	0.742	ug/L #	16
48) 2-Hexanone	8.632	43	14454	2.267	ug/L #	79
61) 1,2,3-Trichloropropane	11.809	75	7973	1.068	ug/L #	68

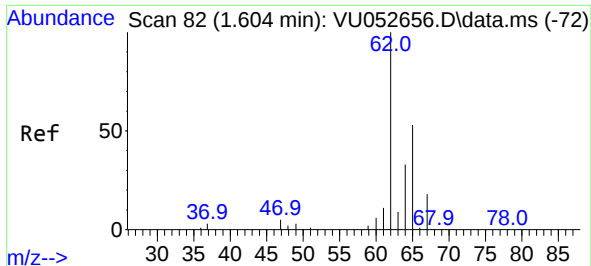
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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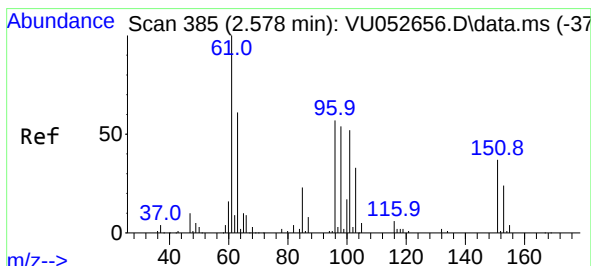
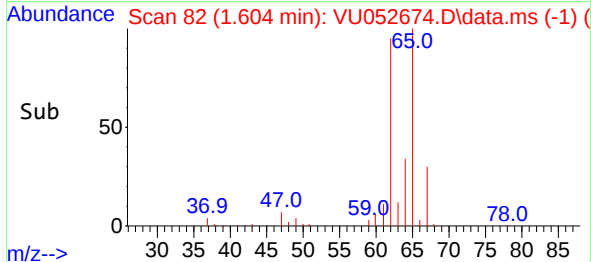
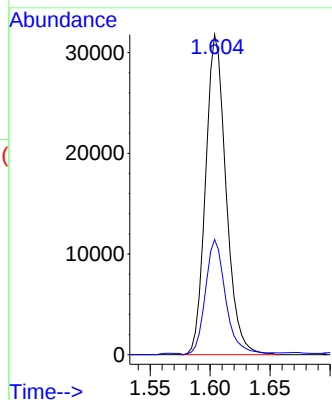
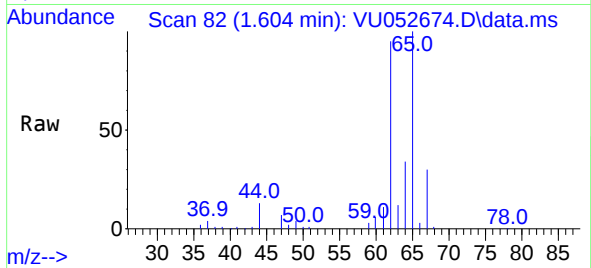




#5
 Vinyl chloride
 Concen: 2.140 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU052674.D
 Acq: 13 Jan 2023 18:33

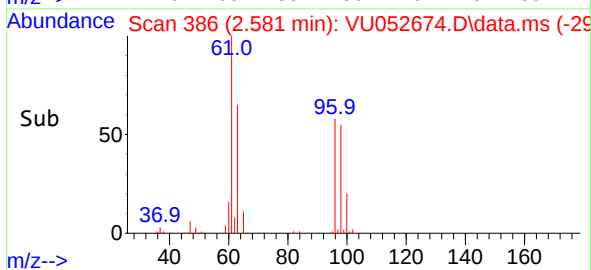
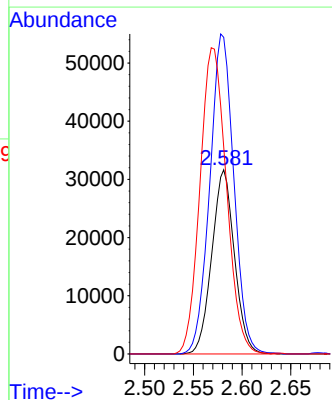
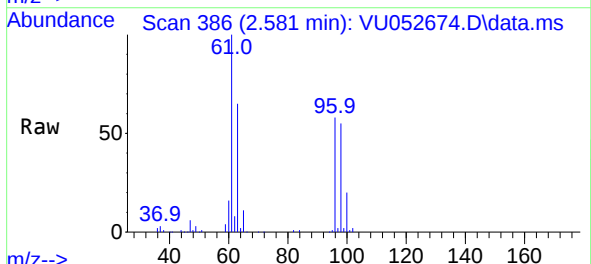
Instrument :
 MSVOA_U
 ClientSampleId :
 BH1Z8

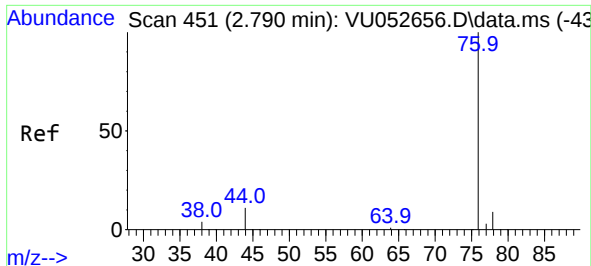
Tgt Ion: 62 Resp: 37739
 Ion Ratio Lower Upper
 62 100
 64 36.0 22.3 41.3



#12
 1,1-Dichloroethene
 Concen: 4.169 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU052674.D
 Acq: 13 Jan 2023 18:33

Tgt Ion: 96 Resp: 51061
 Ion Ratio Lower Upper
 96 100
 61 172.0 129.6 240.8
 63 112.4 83.7 155.5

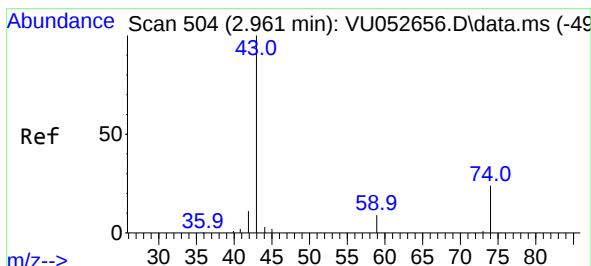
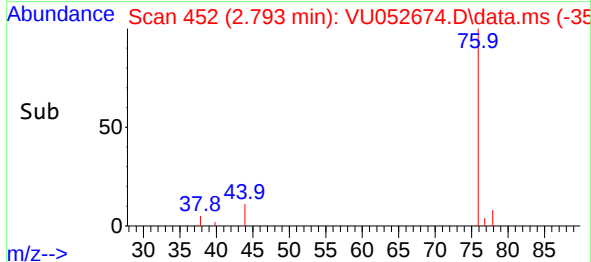
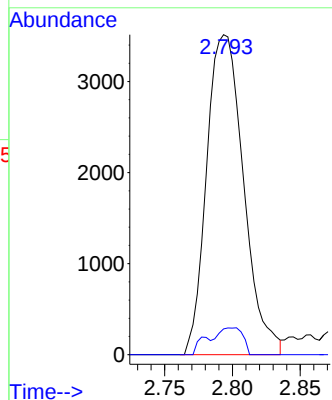
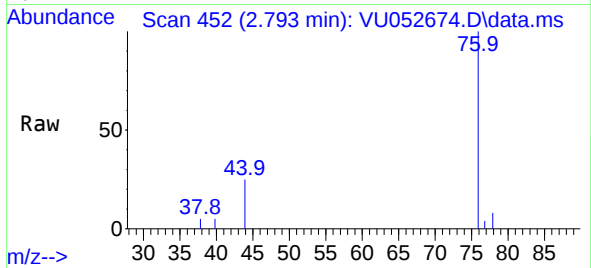




#14
Carbon disulfide
Concen: 0.157 ug/L
RT: 2.793 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU052674.D
Acq: 13 Jan 2023 18:33

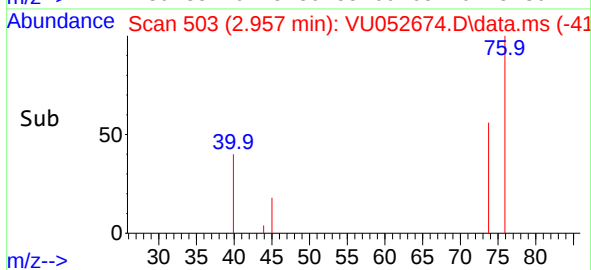
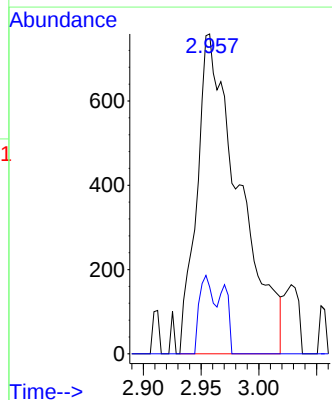
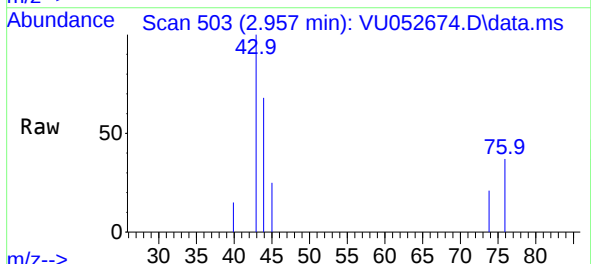
Instrument :
MSVOA_U
ClientSampleId :
BH1Z8

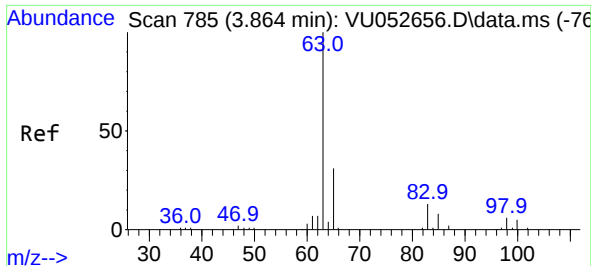
Tgt Ion: 76 Resp: 6663
Ion Ratio Lower Upper
76 100
78 8.1 7.0 10.6



#15
Methyl Acetate
Concen: 0.338 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU052674.D
Acq: 13 Jan 2023 18:33

Tgt Ion: 43 Resp: 1929
Ion Ratio Lower Upper
43 100
74 8.6 17.5 26.3#

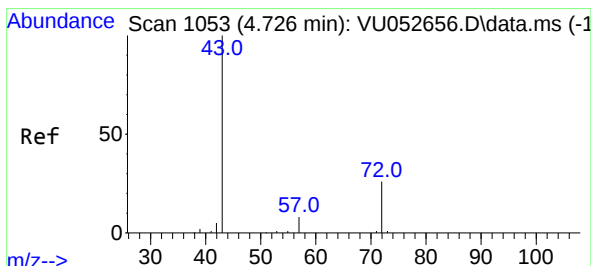
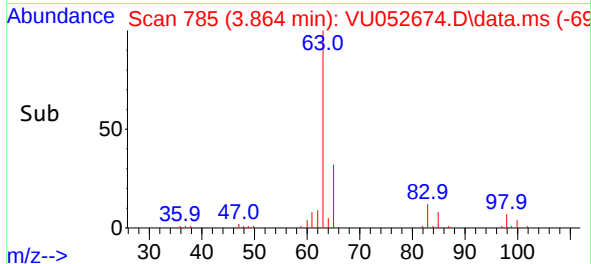
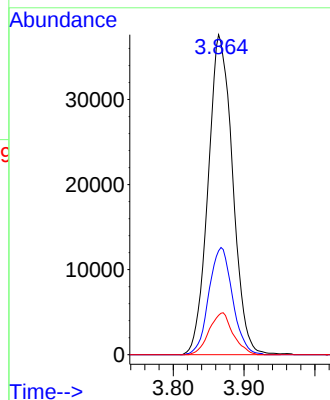
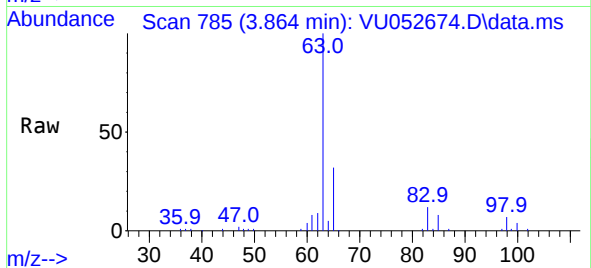




#19
1,1-Dichloroethane
Concen: 3.483 ug/L
RT: 3.864 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU052674.D
Acq: 13 Jan 2023 18:33

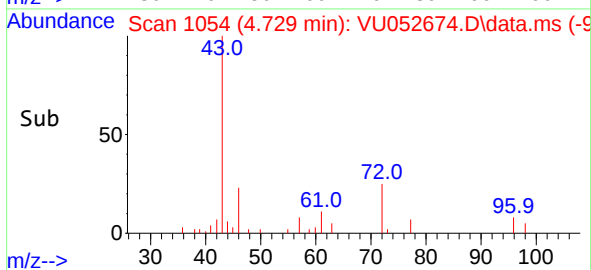
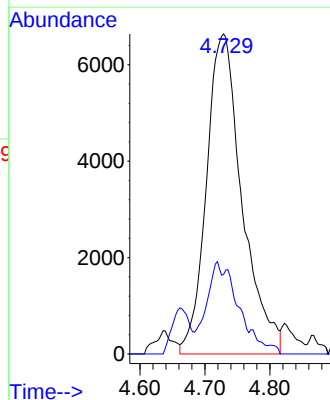
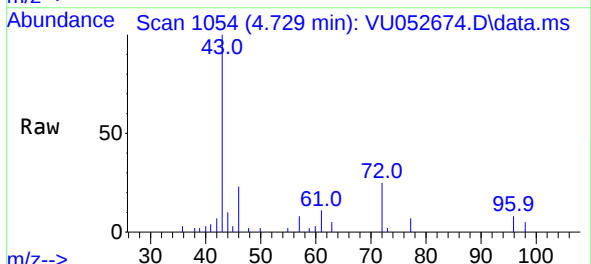
Instrument :
MSVOA_U
ClientSampleId :
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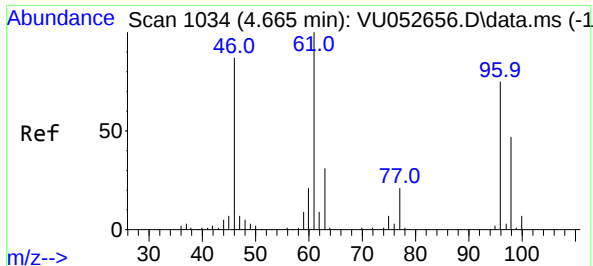
Tgt Ion:	63	Resp:	90324
Ion	Ratio	Lower	Upper
63	100		
65	32.5	22.0	41.0
83	12.3	8.9	16.5



#21
2-Butanone
Concen: 6.604 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.013 min
Lab File: VU052674.D
Acq: 13 Jan 2023 18:33

Tgt Ion:	43	Resp:	25298
Ion	Ratio	Lower	Upper
43	100		
72	7.8	12.9	38.6#

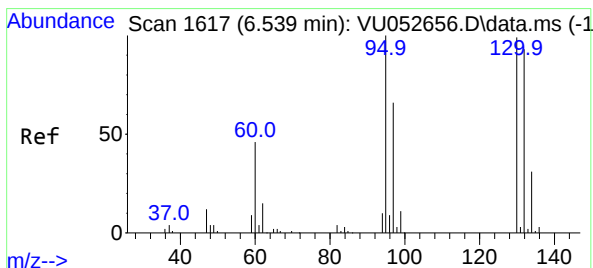
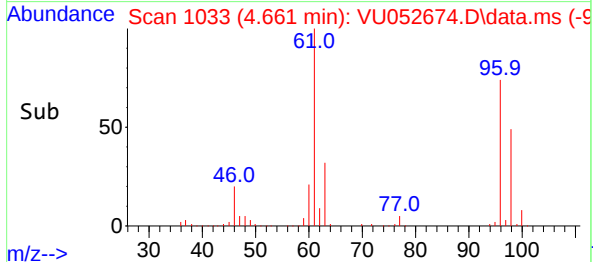
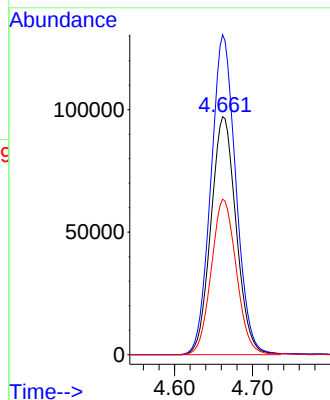
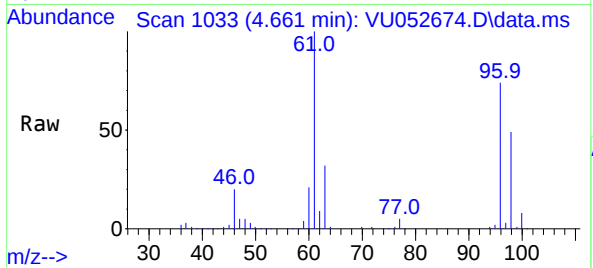




#22
 cis-1,2-Dichloroethene
 Concen: 16.316 ug/L
 RT: 4.661 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU052674.D
 Acq: 13 Jan 2023 18:33

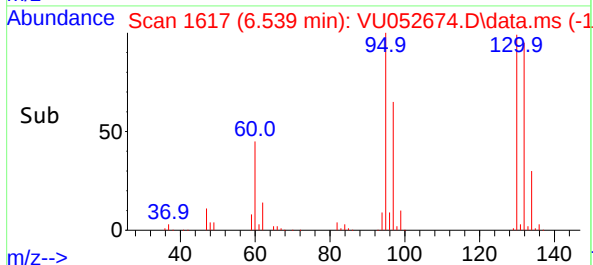
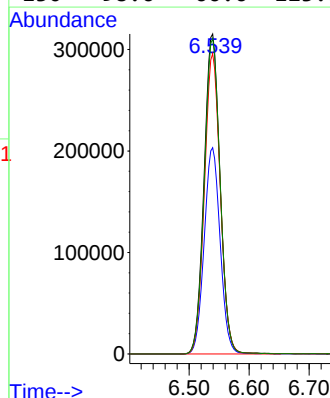
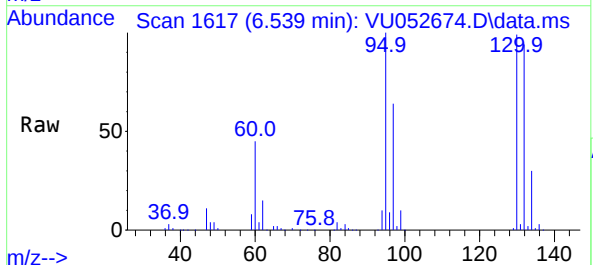
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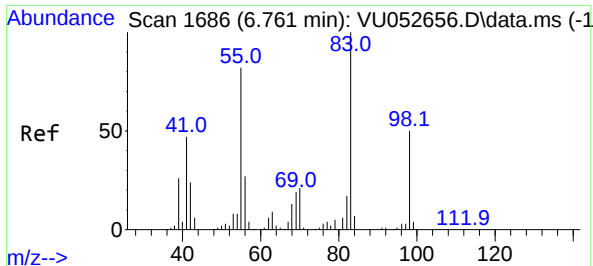
Tgt Ion: 96 Resp: 218841
 Ion Ratio Lower Upper
 96 100
 61 134.5 94.6 175.8
 98 65.4 43.3 80.3



#34
 Trichloroethene
 Concen: 43.687 ug/L
 RT: 6.539 min Scan# 1617
 Delta R.T. -0.000 min
 Lab File: VU052674.D
 Acq: 13 Jan 2023 18:33

Tgt Ion: 95 Resp: 586369
 Ion Ratio Lower Upper
 95 100
 97 64.4 46.0 85.4
 132 93.9 64.0 118.8
 130 98.6 66.6 123.8





#35

Methylcyclohexane

Concen: 0.742 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU052674.D

Acq: 13 Jan 2023 18:33

Instrument :

MSVOA_U

ClientSampleId :

BH1Z8

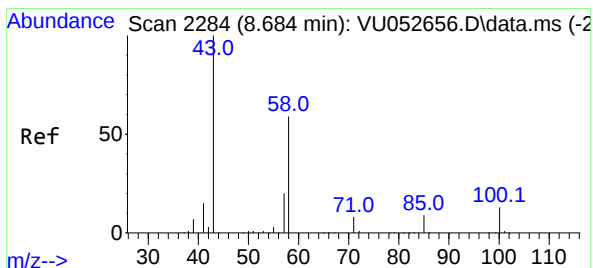
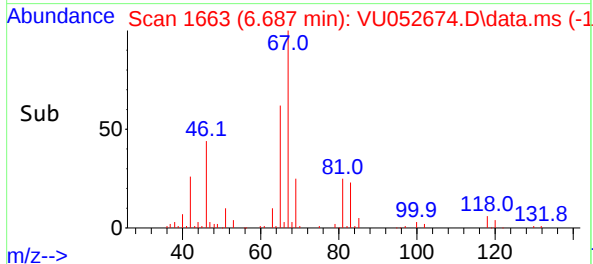
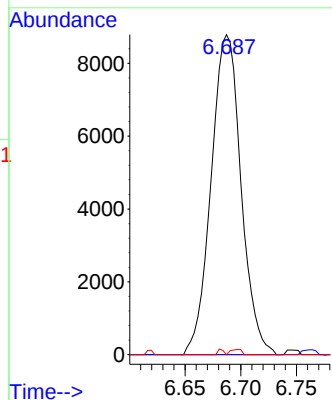
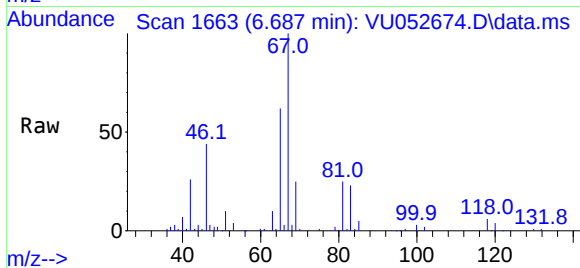
Tgt Ion: 83 Resp: 16455

Ion Ratio Lower Upper

83 100

55 0.7 67.6 101.4#

98 0.0 37.1 55.7#



#48

2-Hexanone

Concen: 2.267 ug/L

RT: 8.632 min Scan# 2268

Delta R.T. -0.048 min

Lab File: VU052674.D

Acq: 13 Jan 2023 18:33

Tgt Ion: 43 Resp: 14454

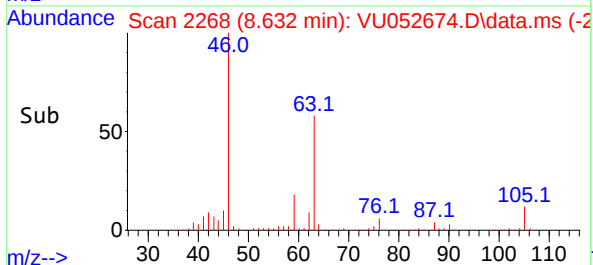
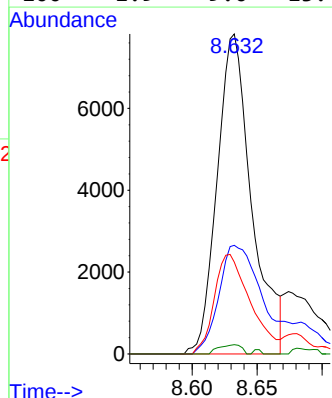
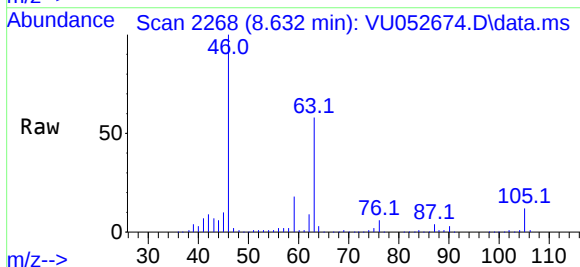
Ion Ratio Lower Upper

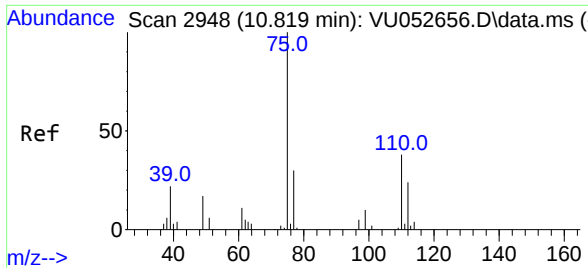
43 100

58 44.0 45.1 67.7#

57 32.2 15.1 22.7#

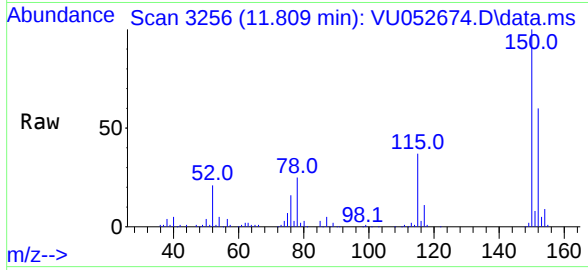
100 1.9 9.0 13.4#





#61
1,2,3-Trichloropropane
Concen: 1.068 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU052674.D
Acq: 13 Jan 2023 18:33

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:	75	Resp:	7973
Ion	Ratio	Lower	Upper
75	100		
110	1.3	27.2	40.8#
77	31.9	24.0	36.0

