

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011323\
 Data File : VU052667.D
 Acq On : 13 Jan 2023 15:50
 Operator : JC/MD
 Sample : N1139-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL03

Quant Time: Jan 13 22:27:00 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)

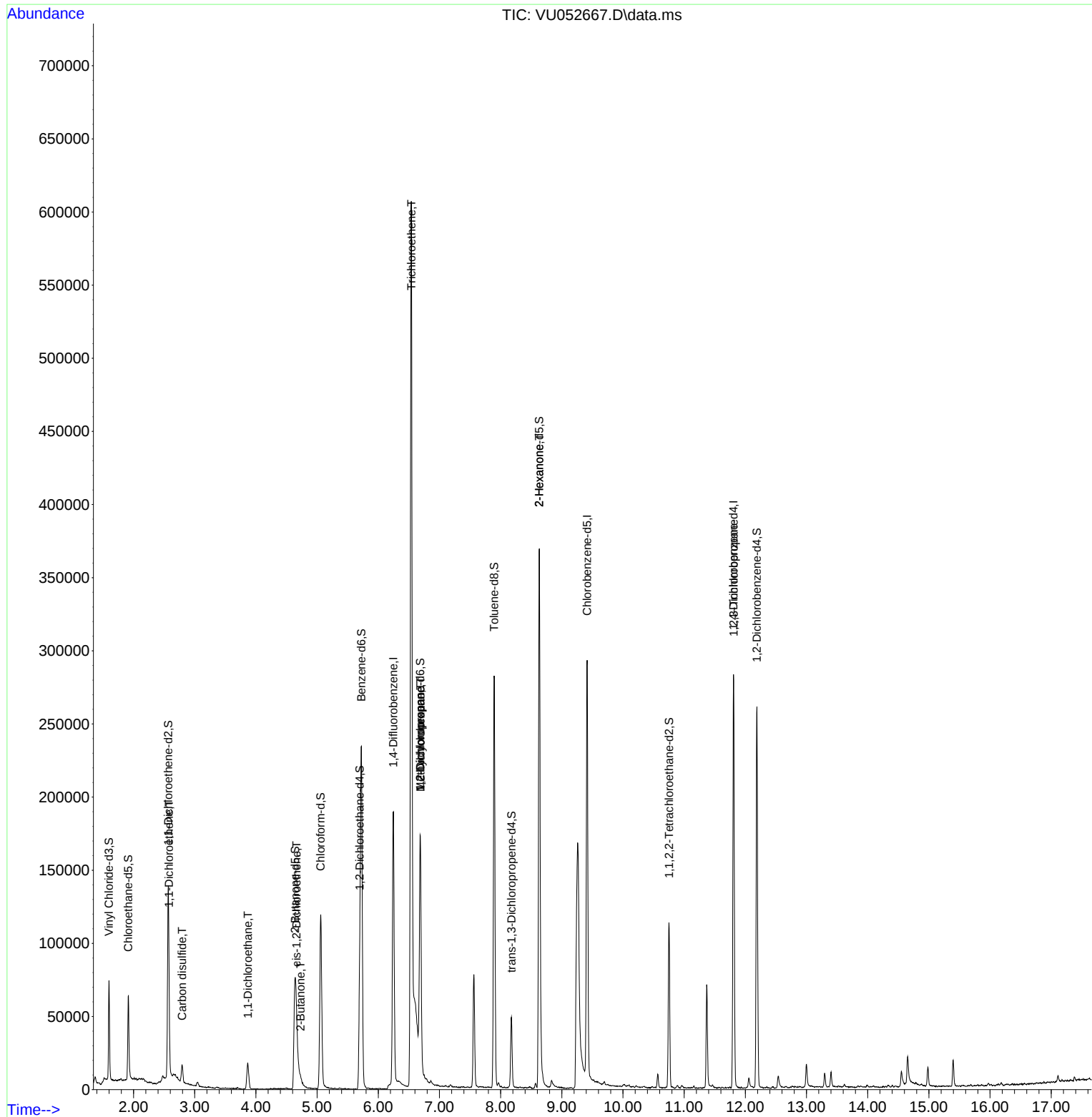
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	148911	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	155608	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	72701	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	48674	3.721	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.913	69	44325	4.159	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.565	65	23537	4.085	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	4.639	46	166379	47.565	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.120%
24) Chloroform-d	5.057	84	109866	4.502	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.697	65	60162	4.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.723	84	219126	4.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.684	67	74954	4.460	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.893	98	185723	4.177	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	8.176	79	27380	4.381	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.630	63	131104	50.496	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.000%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	56251	4.371	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	67540	5.103	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	6122	0.474	ug/L #	1
14) Carbon disulfide	2.794	76	16603	0.372	ug/L	98
19) 1,1-Dichloroethane	3.868	63	20131	0.736	ug/L	97
21) 2-Butanone	4.729	43	8657	2.144	ug/L	85
22) cis-1,2-Dichloroethene	4.665	96	3044	0.215	ug/L #	80
34) Trichloroethene	6.540	95	204204	14.016	ug/L	98
35) Methylcyclohexane	6.687	83	16923	0.703	ug/L #	16
37) 1,2-Dichloropropane	6.687	63	7803	0.472	ug/L #	89
48) 2-Hexanone	8.630	43	15654	2.262	ug/L #	72
61) 1,2,3-Trichloropropane	11.809	75	9050	1.071	ug/L #	68

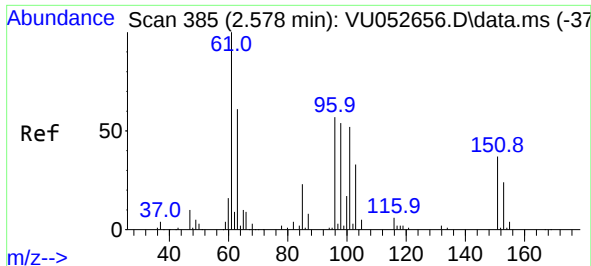
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.474 ug/L

RT: 2.578 min Scan# 3

Delta R.T. -0.003 min

Lab File: VU052667.D

Acq: 13 Jan 2023 15:50

Instrument :

MSVOA_U

ClientSampleId :

MDL03

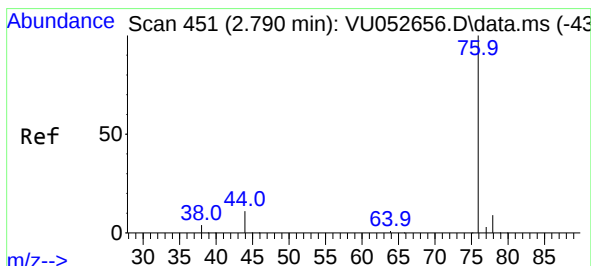
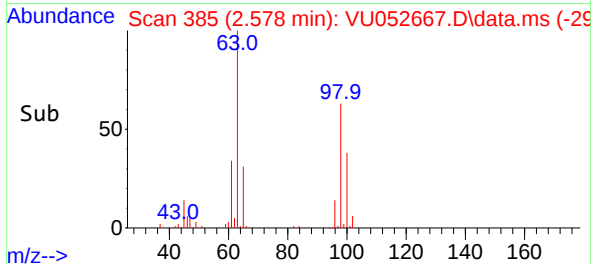
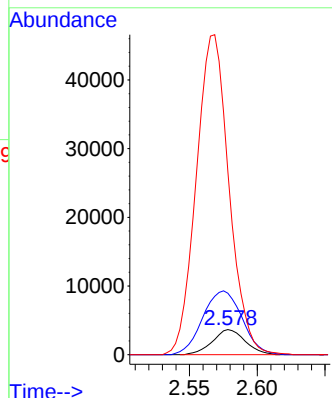
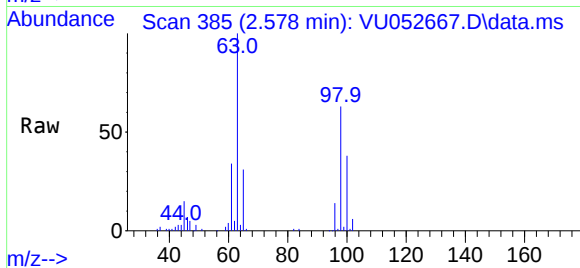
Tgt Ion: 96 Resp: 6122

Ion Ratio Lower Upper

96 100

61 245.0 129.6 240.8#

63 730.1 83.7 155.5#



#14

Carbon disulfide

Concen: 0.372 ug/L

RT: 2.794 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU052667.D

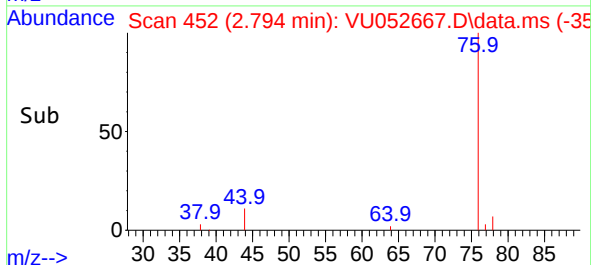
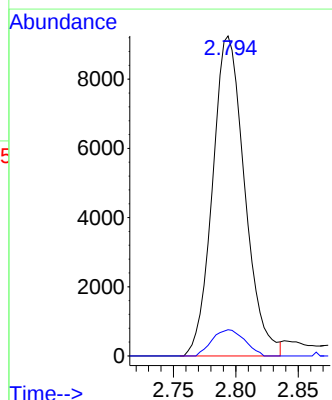
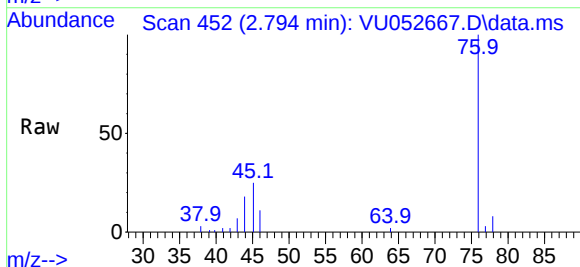
Acq: 13 Jan 2023 15:50

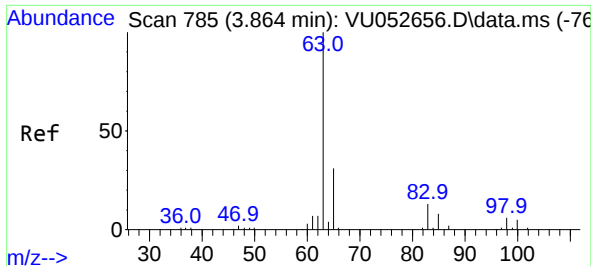
Tgt Ion: 76 Resp: 16603

Ion Ratio Lower Upper

76 100

78 8.2 7.0 10.6

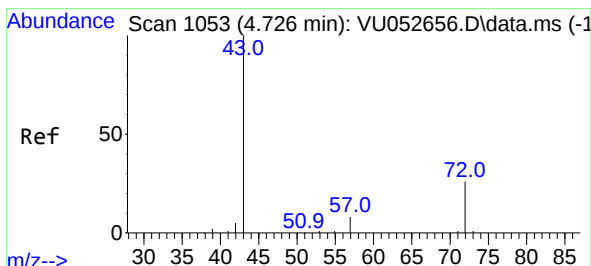
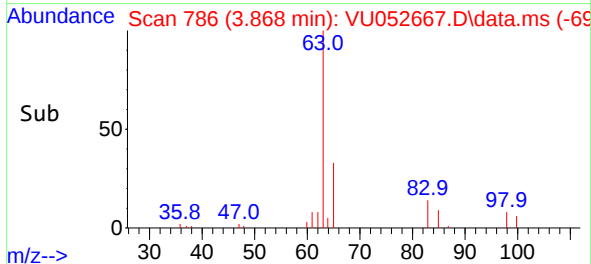
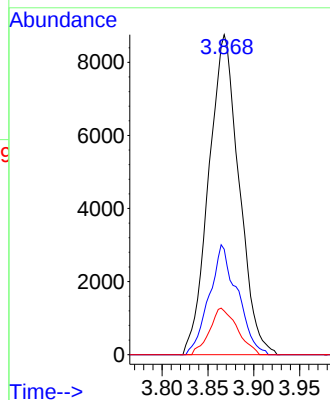
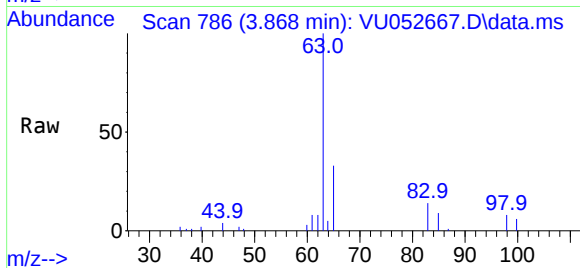




#19
1,1-Dichloroethane
Concen: 0.736 ug/L
RT: 3.868 min Scan# 71
Delta R.T. 0.004 min
Lab File: VU052667.D
Acq: 13 Jan 2023 15:50

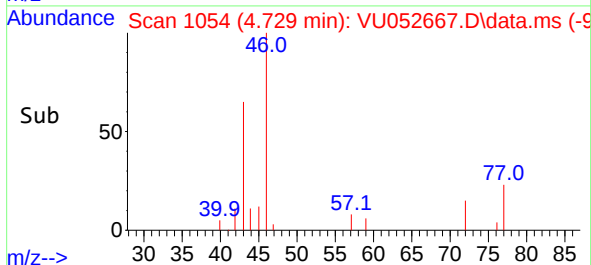
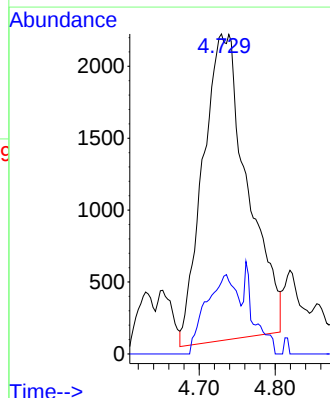
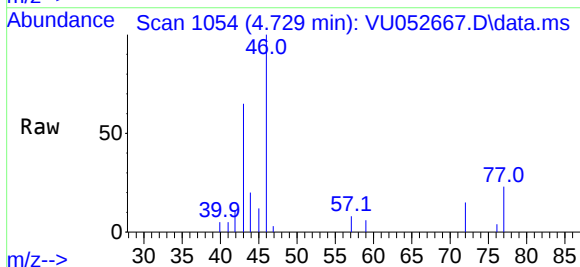
Instrument :
MSVOA_U
ClientSampleId :
MDL03

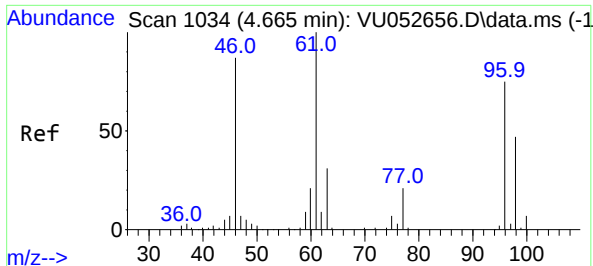
Tgt Ion: 63 Resp: 20131
Ion Ratio Lower Upper
63 100
65 32.9 22.0 41.0
83 13.7 8.9 16.5



#21
2-Butanone
Concen: 2.144 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.013 min
Lab File: VU052667.D
Acq: 13 Jan 2023 15:50

Tgt Ion: 43 Resp: 8657
Ion Ratio Lower Upper
43 100
72 18.0 12.9 38.6

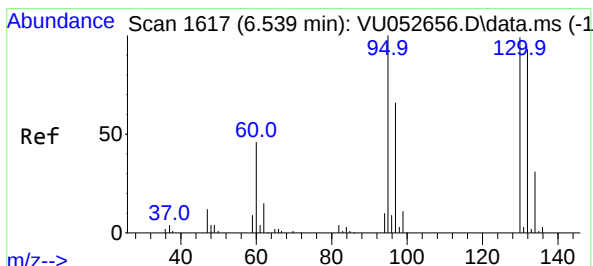
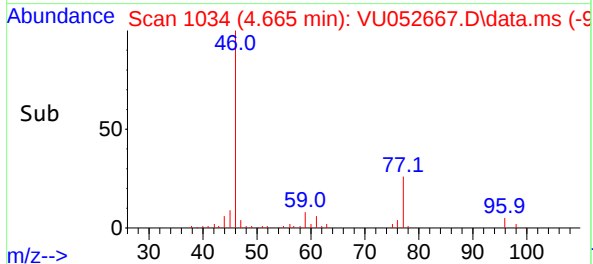
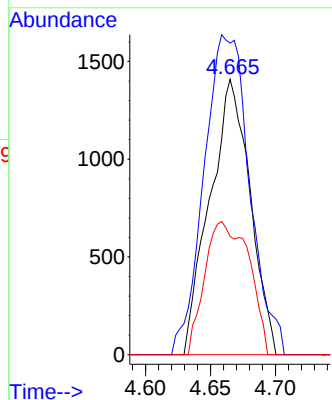
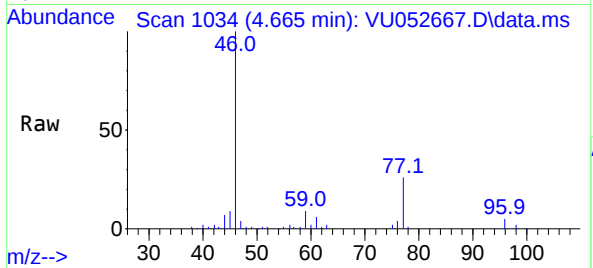




#22
cis-1,2-Dichloroethene
Concen: 0.215 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.004 min
Lab File: VU052667.D
Acq: 13 Jan 2023 15:50

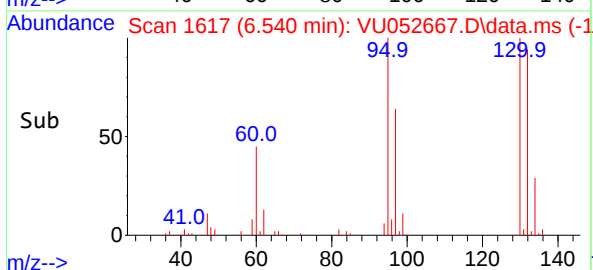
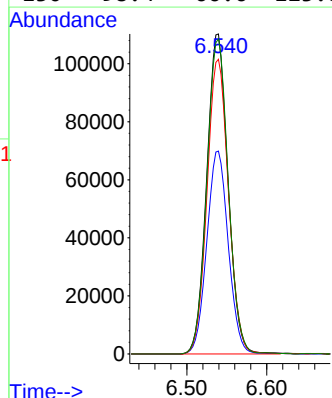
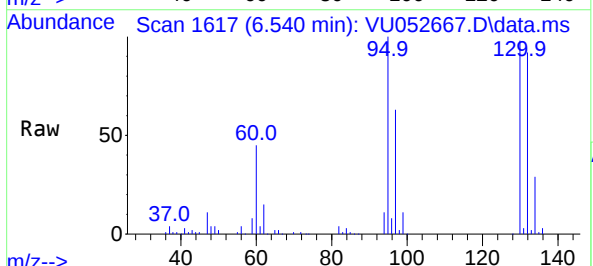
Instrument :
MSVOA_U
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MDL03

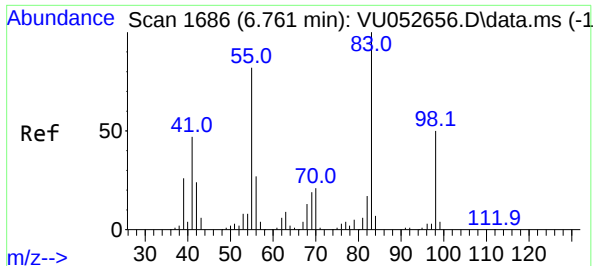
Tgt Ion: 96 Resp: 3044
Ion Ratio Lower Upper
96 100
61 113.1 94.6 175.8
98 42.9 43.3 80.3#



#34
Trichloroethene
Concen: 14.016 ug/L
RT: 6.540 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052667.D
Acq: 13 Jan 2023 15:50

Tgt Ion: 95 Resp: 204204
Ion Ratio Lower Upper
95 100
97 63.4 46.0 85.4
132 92.1 64.0 118.8
130 98.4 66.6 123.8

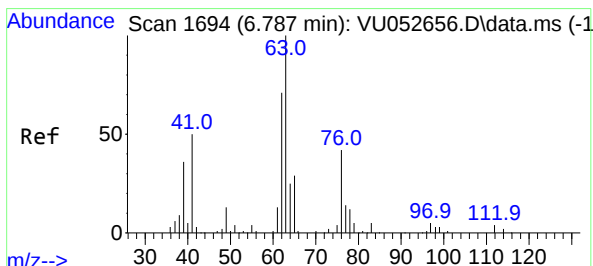
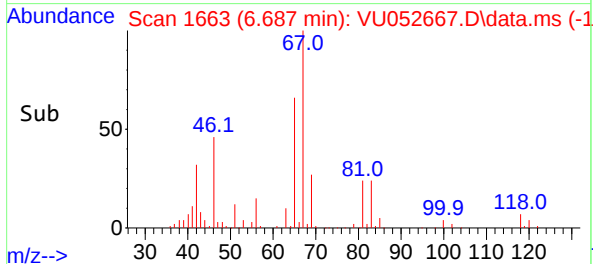
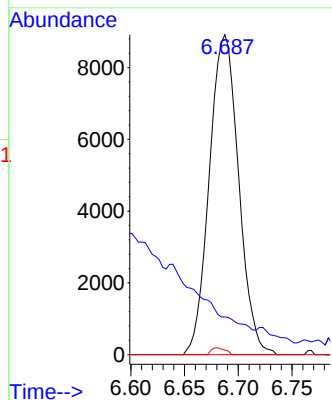
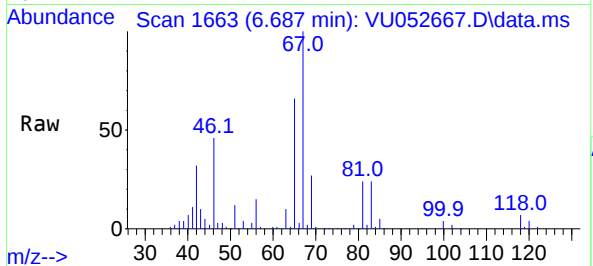




#35
Methylcyclohexane
Concen: 0.703 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.070 min
Lab File: VU052667.D
Acq: 13 Jan 2023 15:50

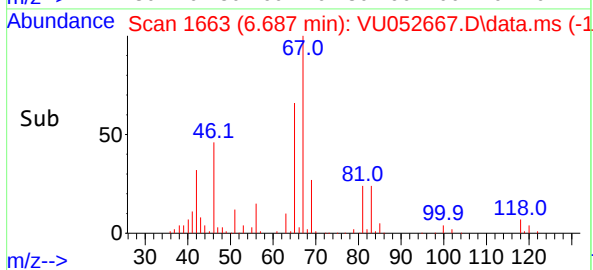
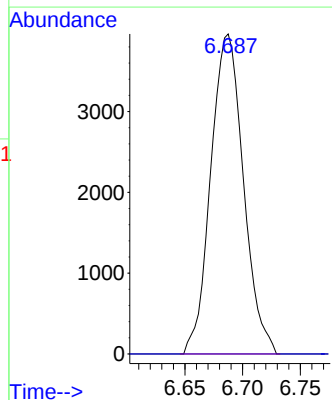
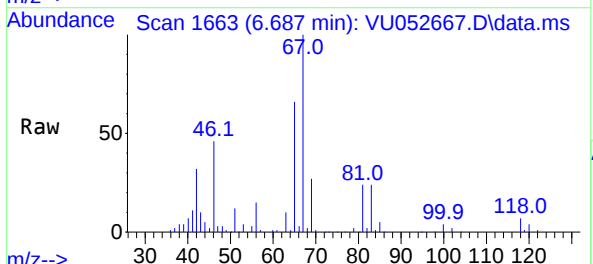
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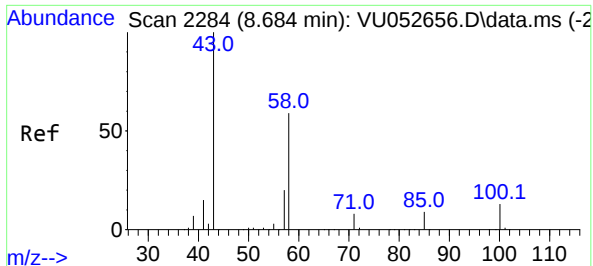
Tgt Ion: 83 Resp: 16923
Ion Ratio Lower Upper
83 100
55 0.0 67.6 101.4#
98 1.0 37.1 55.7#



#37
1,2-Dichloropropane
Concen: 0.472 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.099 min
Lab File: VU052667.D
Acq: 13 Jan 2023 15:50

Tgt Ion: 63 Resp: 7803
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#

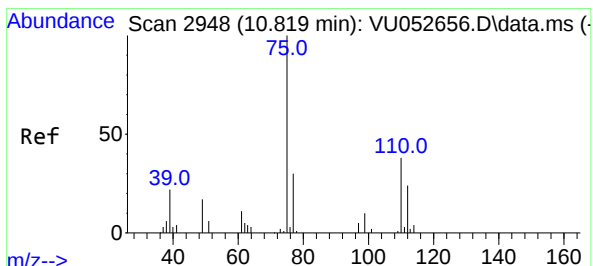
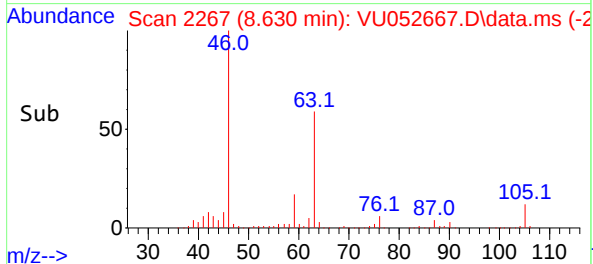
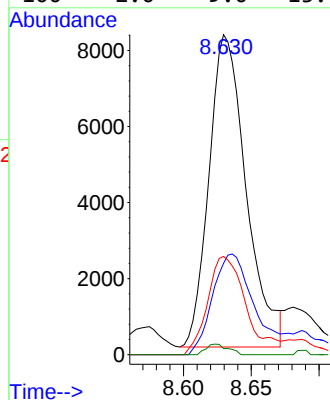
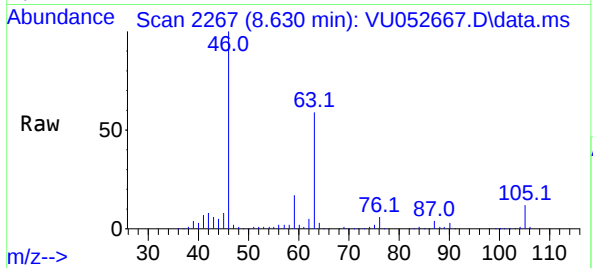




#48
2-Hexanone
Concen: 2.262 ug/L
RT: 8.630 min Scan# 21
Delta R.T. -0.051 min
Lab File: VU052667.D
Acq: 13 Jan 2023 15:50

Instrument : MSVOA_U
ClientSampleId : MDL03

Tgt Ion: 43	Resp: 15654
Ion Ratio	Lower Upper
43 100	
58 36.1	45.1 67.7#
57 32.5	15.1 22.7#
100 2.0	9.0 13.4#



#61
1,2,3-Trichloropropane
Concen: 1.071 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.991 min
Lab File: VU052667.D
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Tgt Ion: 75	Resp: 9050
Ion Ratio	Lower Upper
75 100	
110 2.4	27.2 40.8#
77 27.0	24.0 36.0

