

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020623\
 Data File : VU052992.D
 Acq On : 06 Feb 2023 20:19
 Operator : JC/MD
 Sample : 01422-09DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B69DL

Quant Time: Feb 07 01:10:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 05 21:58:05 2023
 Response via : Initial Calibration

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

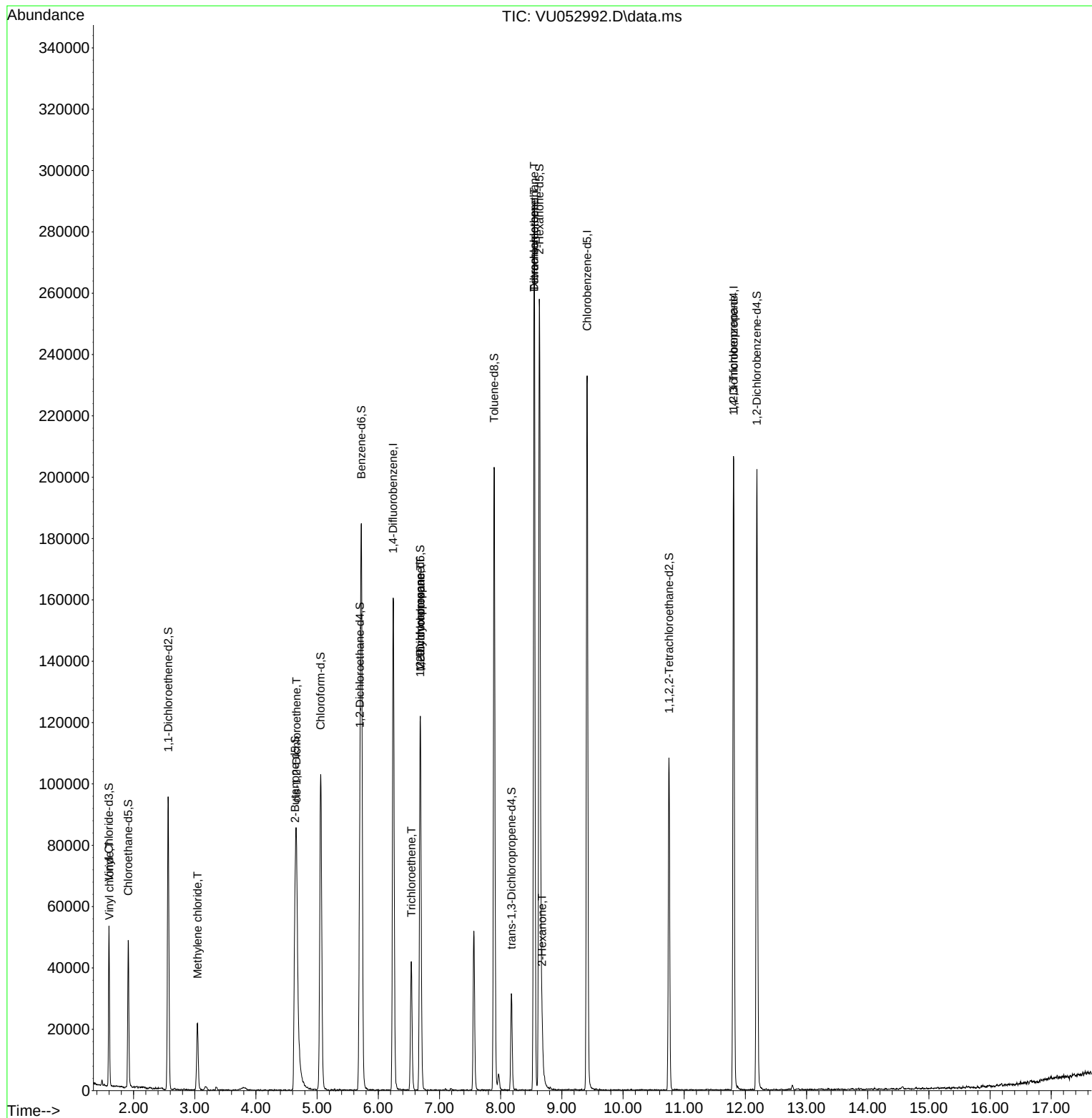
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	138283	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	9.414	117	141388	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	60979	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	33538	2.761	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.200%
7) Chloroethane-d5	1.913	69	35874	3.625	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.565	65	18379	3.435	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	4.642	46	128264	39.486	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.980%
24) Chloroform-d	5.057	84	103115	4.550	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.700	65	52205	4.486	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.723	84	184089	4.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	6.684	67	60605	3.969	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.400%
41) Toluene-d8	7.893	98	141441	3.501	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.000%
43) trans-1,3-Dichloroprop...	8.176	79	19374	3.411	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.200%
46) 2-Hexanone-d5	8.632	63	89379	37.887	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.780%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	54184	4.634	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	55909	5.037	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
5) Vinyl chloride	1.604	62	5293	0.307	ug/L	Qvalue 89
16) Methylene chloride	3.044	84	11499	0.721	ug/L	77
22) cis-1,2-Dichloroethene	4.665	96	20730	1.579	ug/L	87
34) Trichloroethene	6.539	95	14848	1.122	ug/L	95
35) Methylcyclohexane	6.687	83	14499	0.663	ug/L	# 15
37) 1,2-Dichloropropane	6.687	63	6071	0.404	ug/L	# 89
47) Tetrachloroethene	8.549	164	66893	6.859	ug/L	93
48) 2-Hexanone	8.678	43	6132	0.975	ug/L	# 77
49) Dibromochloromethane	8.549	129	61470	5.628	ug/L	# 11
61) 1,2,3-Trichloropropane	11.806	75	6750	0.952	ug/L	# 69

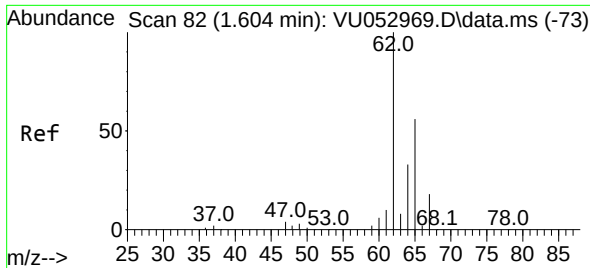
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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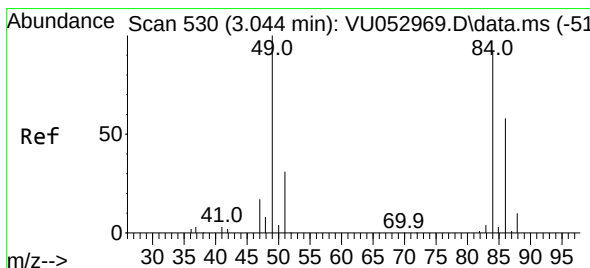
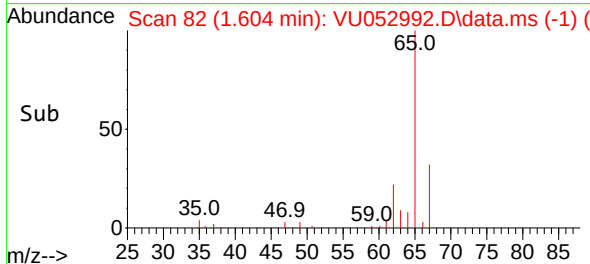
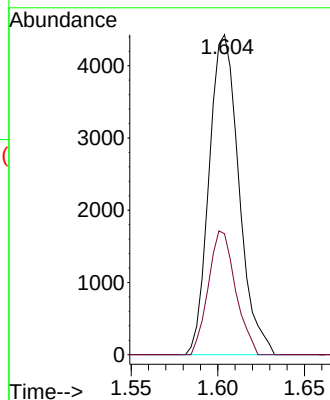
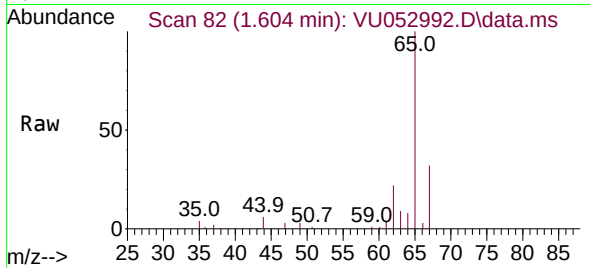




#5
 Vinyl chloride
 Concen: 0.307 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU052992.D
 Acq: 06 Feb 2023 20:19

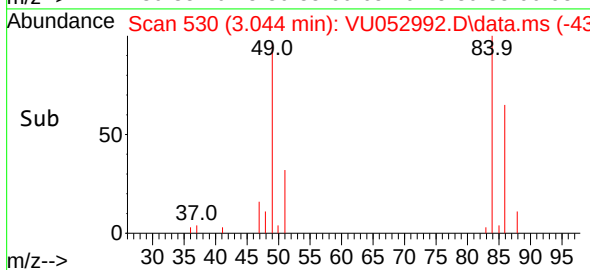
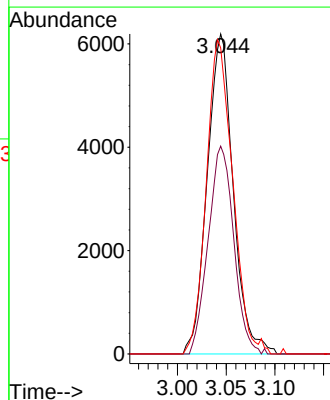
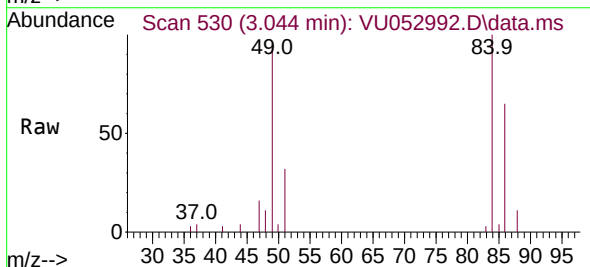
Instrument :
 MSVOA_U
 ClientSampleId :
 C0B69DL

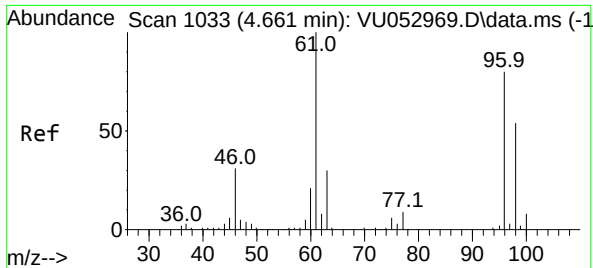
Tgt Ion: 62 Resp: 5293
 Ion Ratio Lower Upper
 62 100
 64 37.8 22.3 41.3



#16
 Methylene chloride
 Concen: 0.721 ug/L
 RT: 3.044 min Scan# 530
 Delta R.T. 0.003 min
 Lab File: VU052992.D
 Acq: 06 Feb 2023 20:19

Tgt Ion: 84 Resp: 11499
 Ion Ratio Lower Upper
 84 100
 86 64.9 45.6 84.6
 49 95.6 94.8 176.0





#22

cis-1,2-Dichloroethene

Concen: 1.579 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VU052992.D

Acq: 06 Feb 2023 20:19

Instrument :

MSVOA_U

ClientSampleId :

C0B69DL

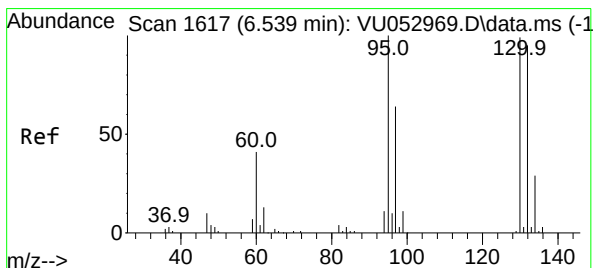
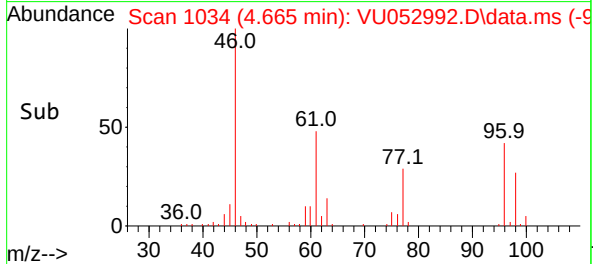
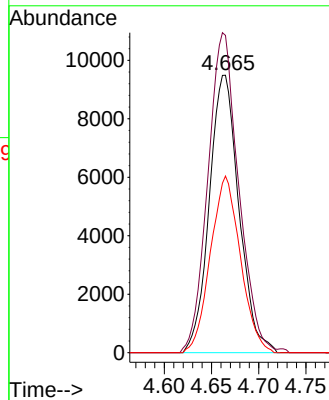
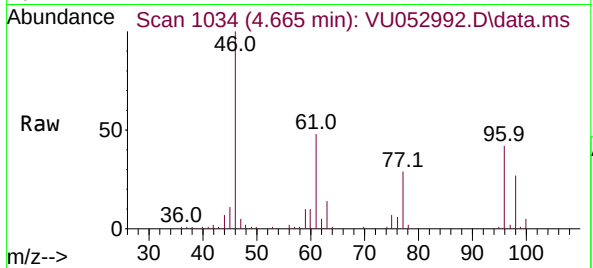
Tgt Ion: 96 Resp: 20730

Ion Ratio Lower Upper

96 100

61 114.3 94.6 175.8

98 63.7 43.3 80.3



#34

Trichloroethene

Concen: 1.122 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. 0.003 min

Lab File: VU052992.D

Acq: 06 Feb 2023 20:19

Tgt Ion: 95 Resp: 14848

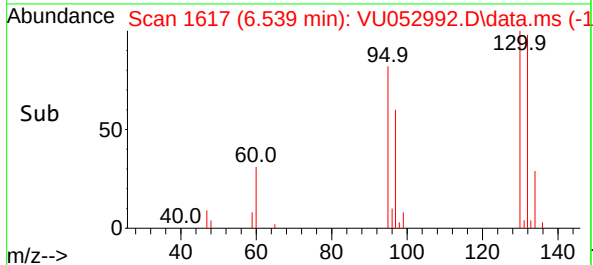
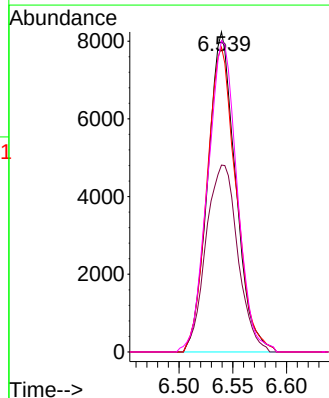
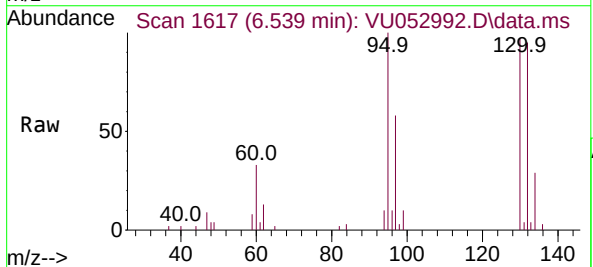
Ion Ratio Lower Upper

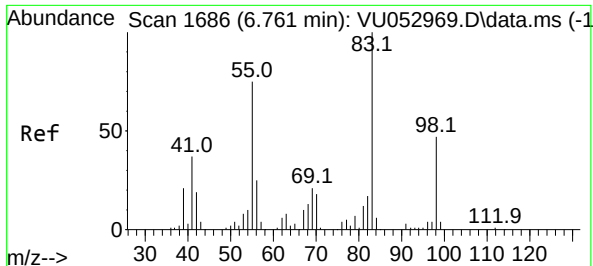
95 100

97 58.4 46.0 85.4

132 95.3 64.0 118.8

130 97.3 66.6 123.8





#35

Methylcyclohexane

Concen: 0.663 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.071 min

Lab File: VU052992.D

Acq: 06 Feb 2023 20:19

Instrument :

MSVOA_U

ClientSampleId :

C0B69DL

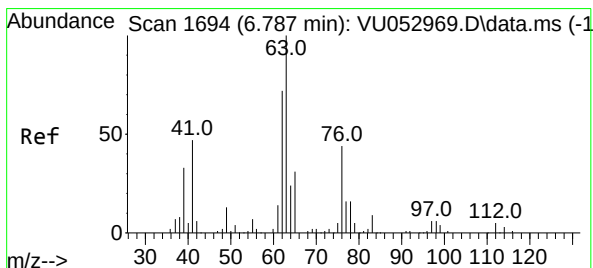
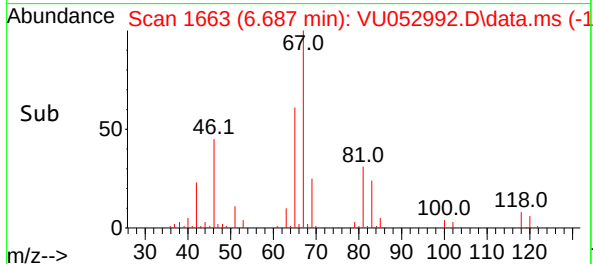
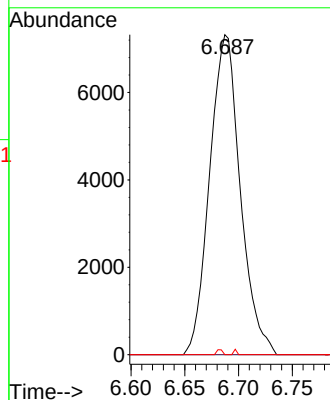
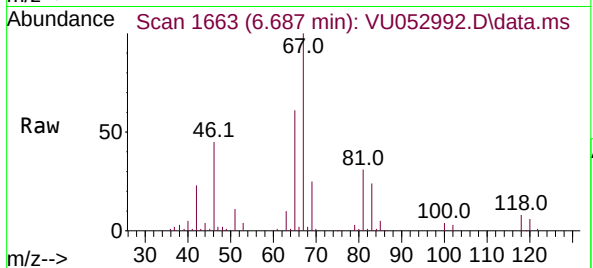
Tgt Ion: 83 Resp: 14499

Ion Ratio Lower Upper

83 100

55 0.0 67.6 101.4#

98 0.3 37.1 55.7#



#37

1,2-Dichloropropane

Concen: 0.404 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU052992.D

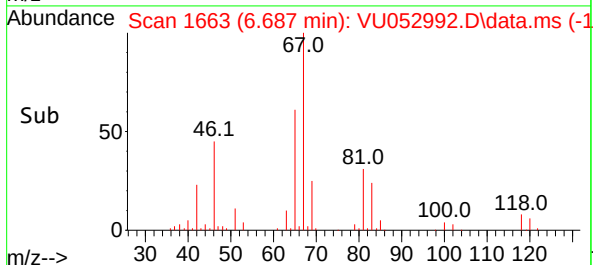
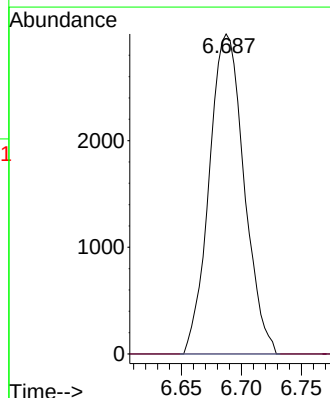
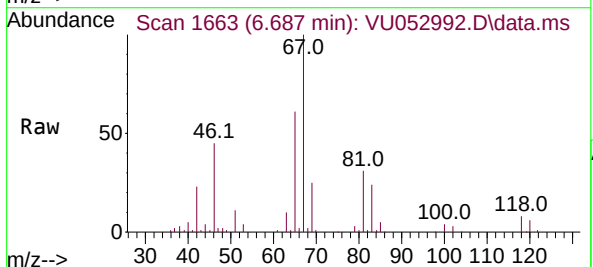
Acq: 06 Feb 2023 20:19

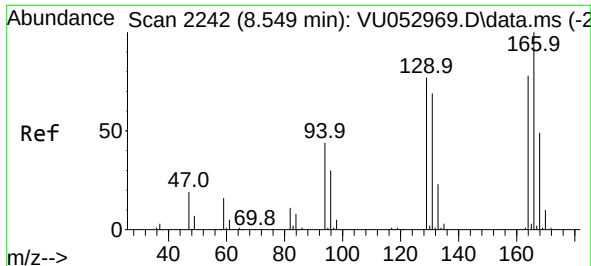
Tgt Ion: 63 Resp: 6071

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#

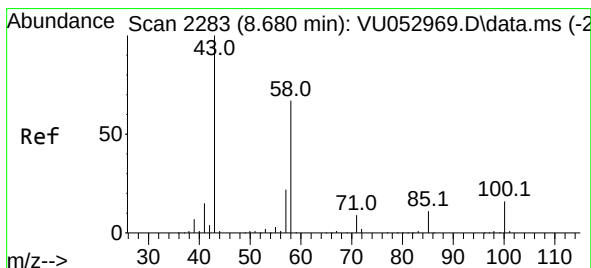
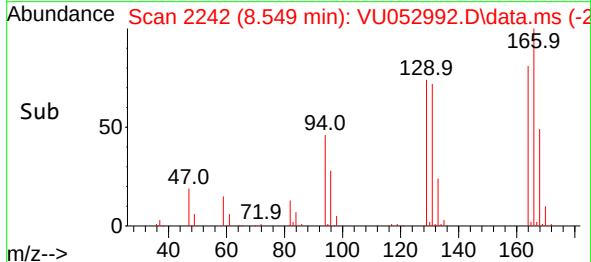
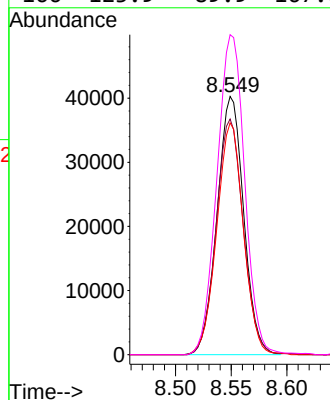
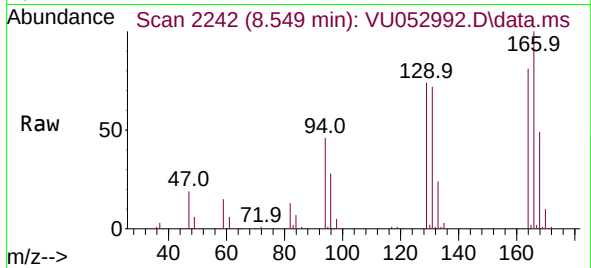




#47
Tetrachloroethene
Concen: 6.859 ug/L
RT: 8.549 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052992.D
Acq: 06 Feb 2023 20:19

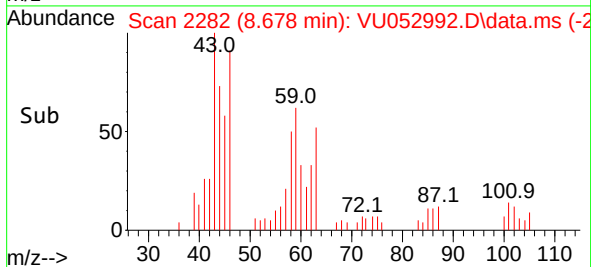
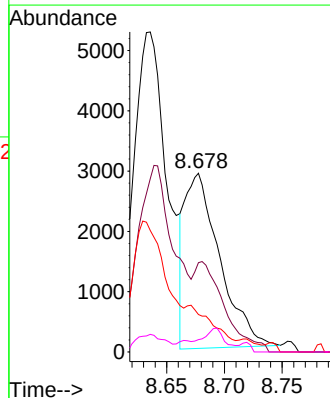
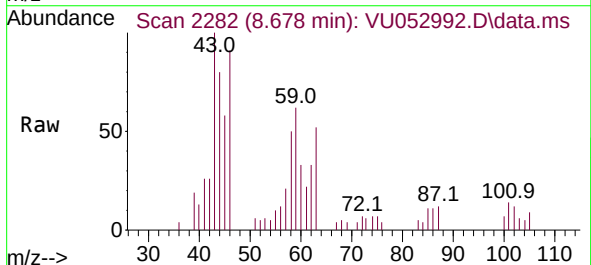
Instrument :
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ClientSampleId :
C0B69DL

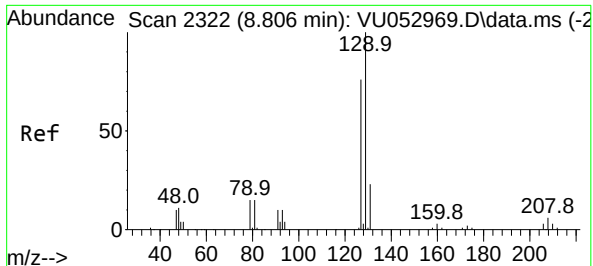
Tgt Ion:164 Resp: 66893
Ion Ratio Lower Upper
164 100
129 91.3 71.8 133.4
131 89.8 66.6 123.6
166 123.9 89.9 167.0



#48
2-Hexanone
Concen: 0.975 ug/L
RT: 8.678 min Scan# 2282
Delta R.T. -0.003 min
Lab File: VU052992.D
Acq: 06 Feb 2023 20:19

Tgt Ion: 43 Resp: 6132
Ion Ratio Lower Upper
43 100
58 44.1 45.1 67.7#
57 0.0 15.1 22.7#
100 2.7 9.0 13.4#





#49

Dibromochloromethane

Concen: 5.628 ug/L

RT: 8.549 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU052992.D

Acq: 06 Feb 2023 20:19

Instrument :

MSVOA_U

ClientSampleId :

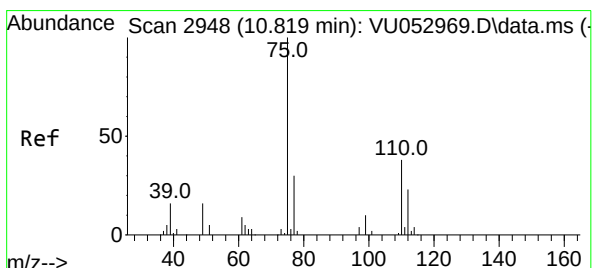
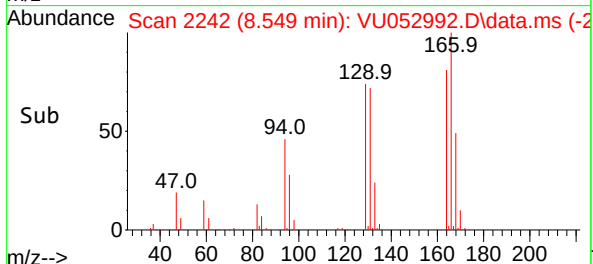
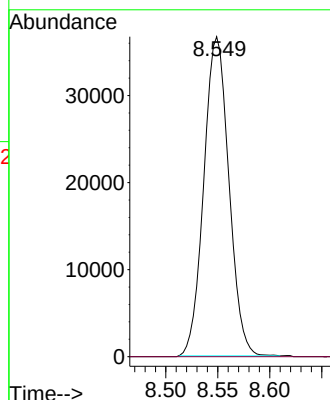
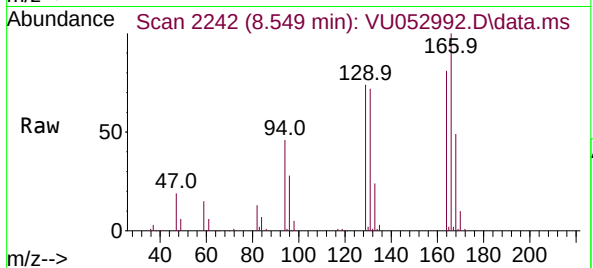
C0B69DL

Tgt Ion:129 Resp: 61470

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#61

1,2,3-Trichloropropane

Concen: 0.952 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.987 min

Lab File: VU052992.D

Acq: 06 Feb 2023 20:19

Tgt Ion: 75 Resp: 6750

Ion Ratio Lower Upper

75 100

110 1.2 27.2 40.8#

77 29.4 24.0 36.0

