

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
 Data File : VU052503.D
 Acq On : 22 Dec 2022 19:46
 Operator : JC/MD
 Sample : N6188-11 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL48DL

Quant Time: Dec 23 00:33:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 22 00:28:27 2022
 Response via : Initial Calibration

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

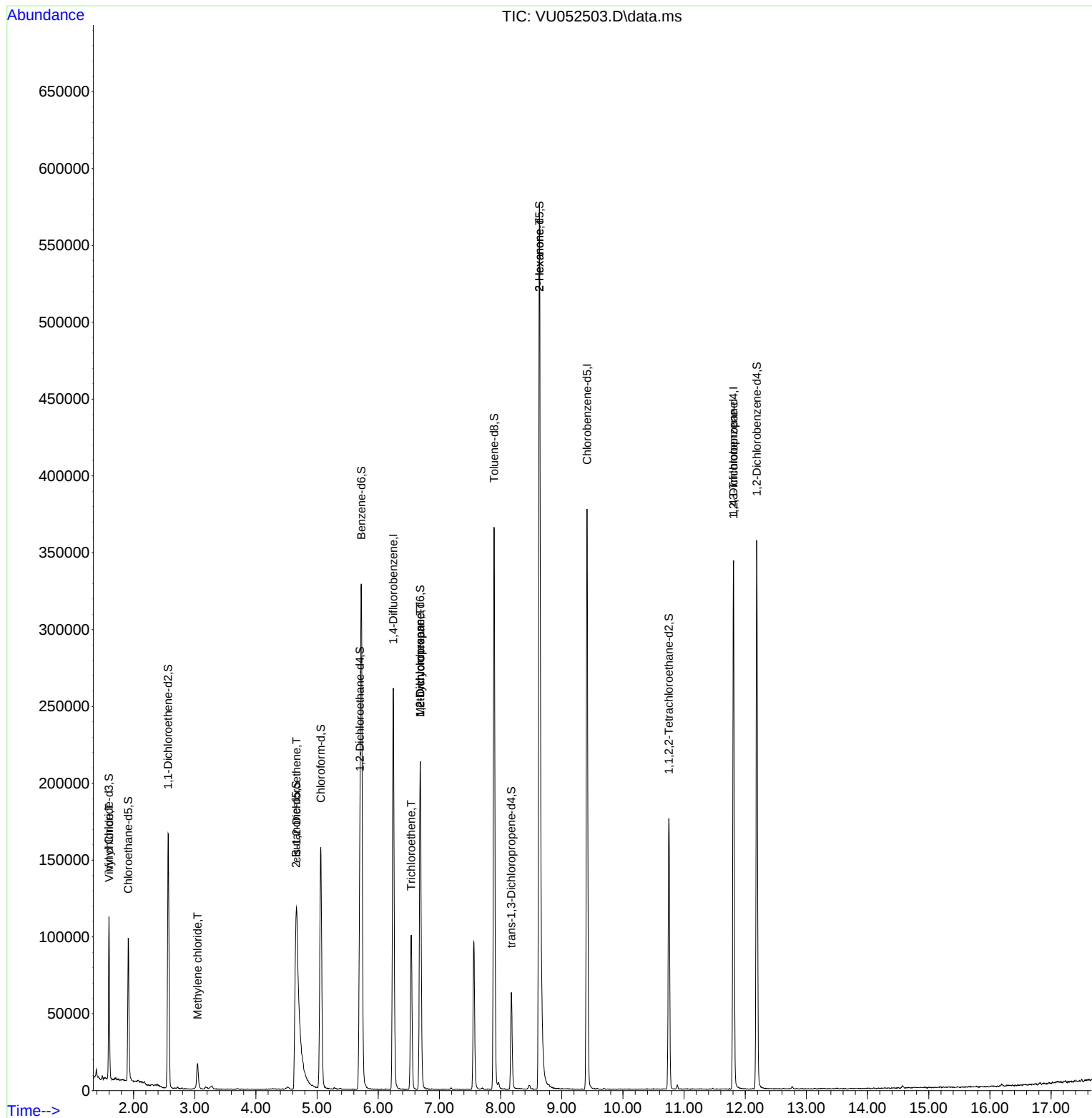
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	204853	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	202218	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	88818	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	74374	3.584	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.600%
7) Chloroethane-d5	1.912	69	70937	3.963	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.565	65	33080	3.704	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	4.658	46	317781	49.377	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.760%
24) Chloroform-d	5.060	84	148458	4.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.700	65	88207	4.343	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	5.723	84	302847	4.368	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.687	67	105738	4.431	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.893	98	239747	4.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	8.176	79	37080	4.537	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.636	63	221417	49.522	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.040%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	92030	4.542	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	89406	4.944	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
5) Vinyl chloride	1.601	62	3176	0.133	ug/L #	57
16) Methylene chloride	3.044	84	7860	0.363	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	16348	0.942	ug/L	88
34) Trichloroethene	6.539	95	35111	2.062	ug/L	98
35) Methylcyclohexane	6.687	83	23260	0.906	ug/L #	14
37) 1,2-Dichloropropane	6.687	63	10459	0.515	ug/L #	88
48) 2-Hexanone	8.636	43	35170	3.141	ug/L #	74
61) 1,2,3-Trichloropropane	11.806	75	11436	0.898	ug/L #	69

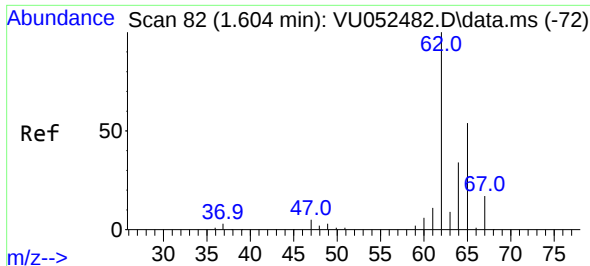
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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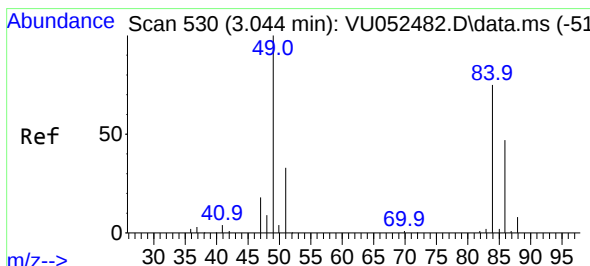
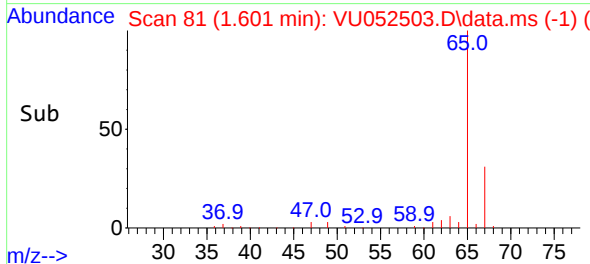
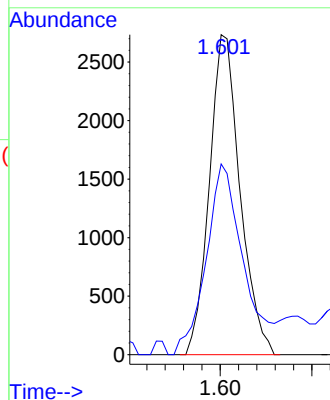
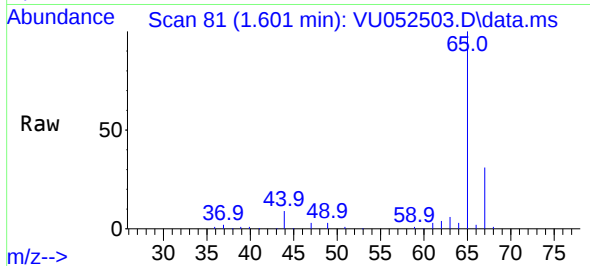




#5
 Vinyl chloride
 Concen: 0.133 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU052503.D
 Acq: 22 Dec 2022 19:46

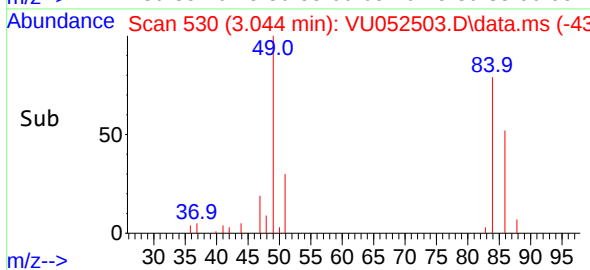
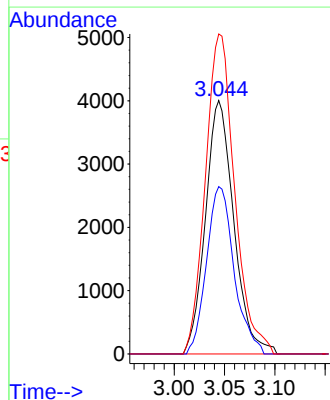
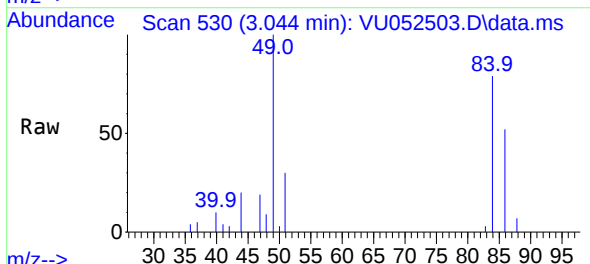
Instrument :
 MSVOA_U
 ClientSampleId :
 COL48DL

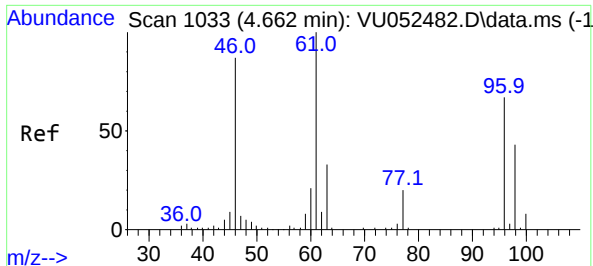
Tgt Ion: 62 Resp: 3176
 Ion Ratio Lower Upper
 62 100
 64 59.6 24.4 45.4#



#16
 Methylene chloride
 Concen: 0.363 ug/L
 RT: 3.044 min Scan# 530
 Delta R.T. -0.003 min
 Lab File: VU052503.D
 Acq: 22 Dec 2022 19:46

Tgt Ion: 84 Resp: 7860
 Ion Ratio Lower Upper
 84 100
 86 66.0 44.7 83.1
 49 126.2 93.3 173.3

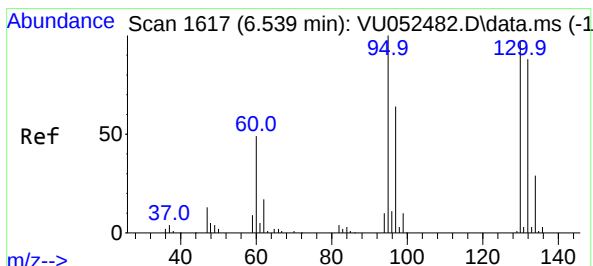
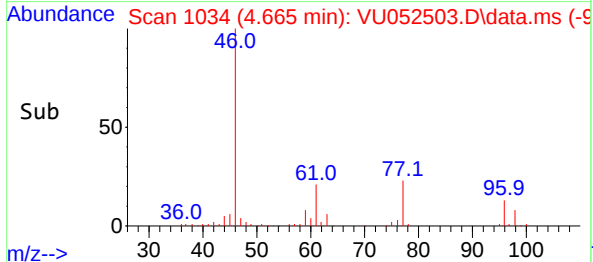
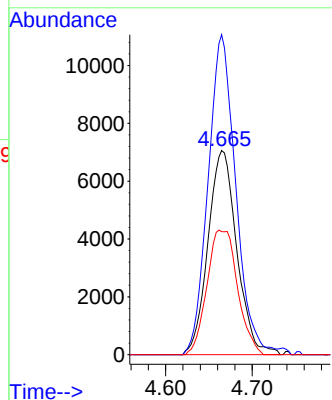
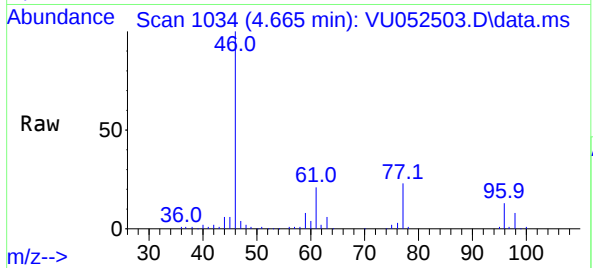




#22
cis-1,2-Dichloroethene
Concen: 0.942 ug/L
RT: 4.665 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU052503.D
Acq: 22 Dec 2022 19:46

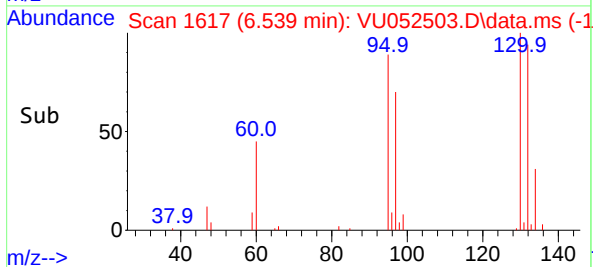
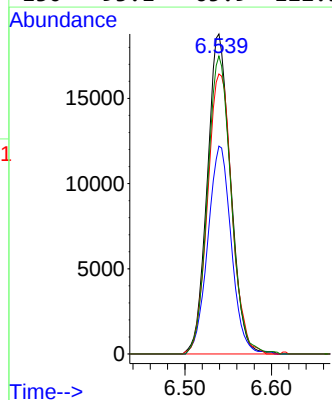
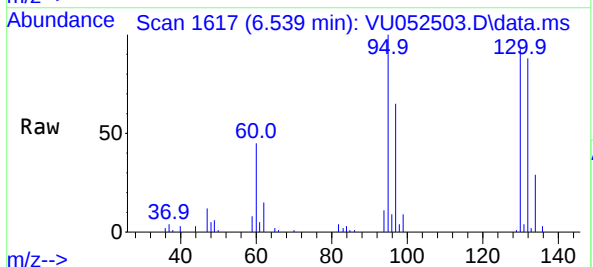
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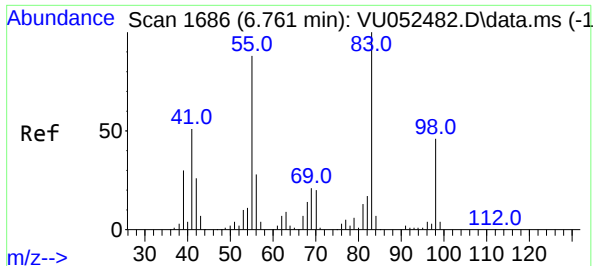
Tgt Ion: 96 Resp: 16348
Ion Ratio Lower Upper
96 100
61 156.7 96.9 180.1
98 60.3 44.7 83.1



#34
Trichloroethene
Concen: 2.062 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052503.D
Acq: 22 Dec 2022 19:46

Tgt Ion: 95 Resp: 35111
Ion Ratio Lower Upper
95 100
97 65.0 46.3 86.1
132 87.5 63.9 118.7
130 93.1 65.9 122.5





#35

Methylcyclohexane

Concen: 0.906 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU052503.D

Acq: 22 Dec 2022 19:46

Instrument :

MSVOA_U

ClientSampleId :

COL48DL

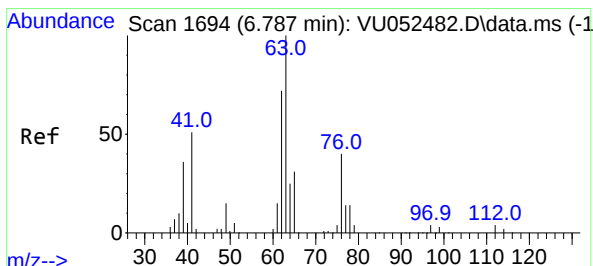
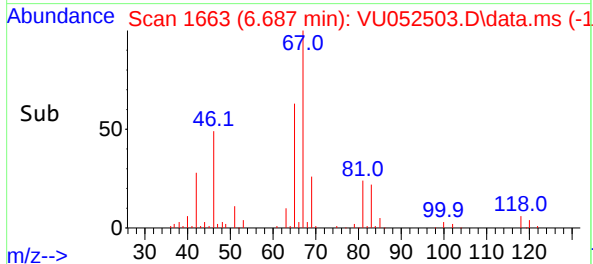
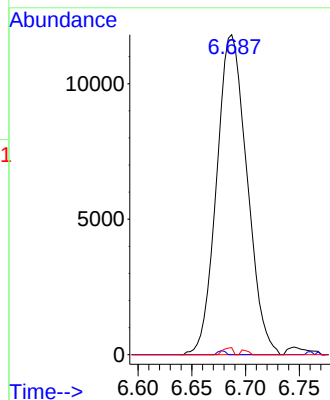
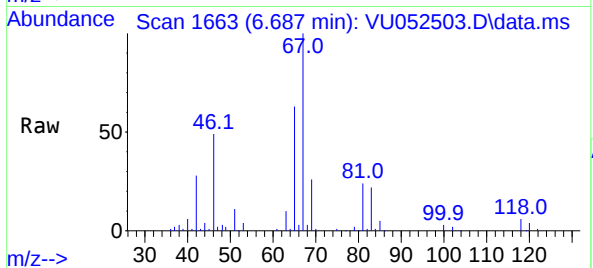
Tgt Ion: 83 Resp: 23260

Ion Ratio Lower Upper

83 100

55 0.3 71.4 107.0#

98 0.7 36.5 54.7#



#37

1,2-Dichloropropane

Concen: 0.515 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.103 min

Lab File: VU052503.D

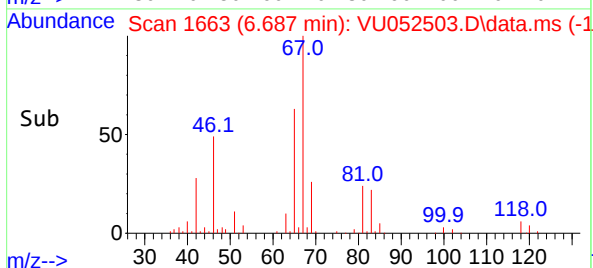
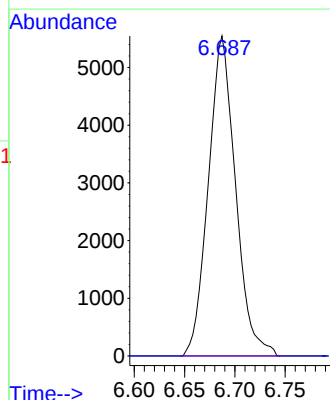
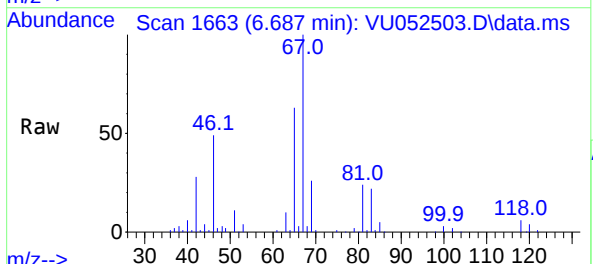
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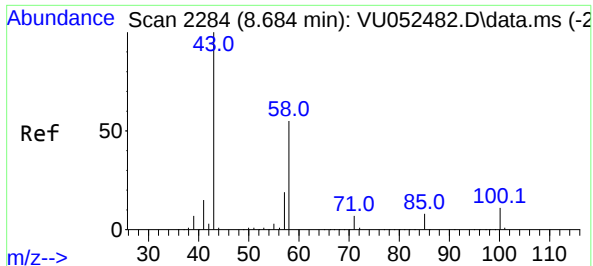
Tgt Ion: 63 Resp: 10459

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



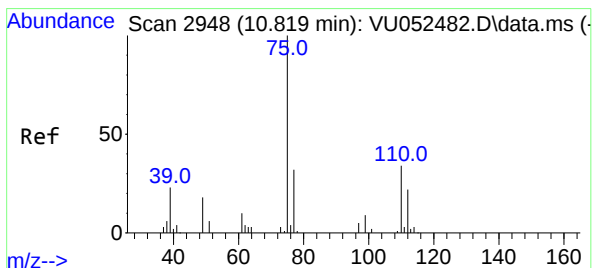
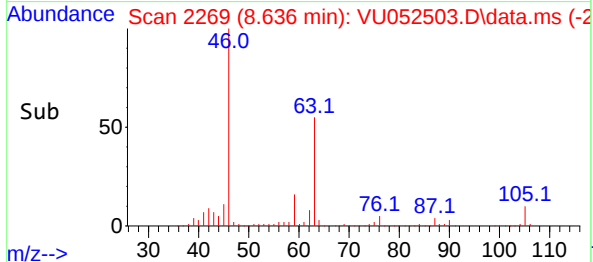
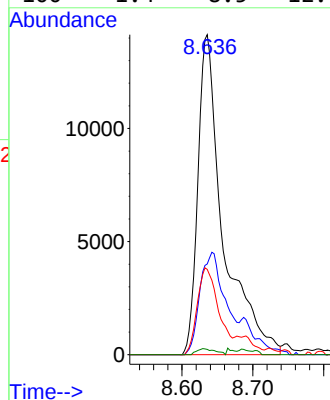
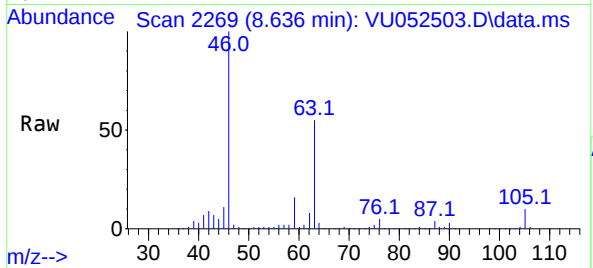


#48
2-Hexanone
Concen: 3.141 ug/L
RT: 8.636 min Scan# 21
Delta R.T. -0.048 min
Lab File: VU052503.D
Acq: 22 Dec 2022 19:46

Instrument :
MSVOA_U
ClientSampleId :
COL48DL

Tgt Ion: 43 Resp: 35170

Ion	Ratio	Lower	Upper
43	100		
58	32.1	44.1	66.1#
57	22.8	14.6	21.8#
100	1.4	8.5	12.7#



#61
1,2,3-Trichloropropane
Concen: 0.898 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU052503.D
Acq: 22 Dec 2022 19:46

Tgt Ion: 75 Resp: 11436

Ion	Ratio	Lower	Upper
75	100		
110	2.1	27.9	41.9#
77	34.7	25.9	38.9

