

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
 Data File : VU052498.D
 Acq On : 22 Dec 2022 17:50
 Operator : JC/MD
 Sample : N6188-06 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL40DL

Quant Time: Dec 23 00:33:16 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)

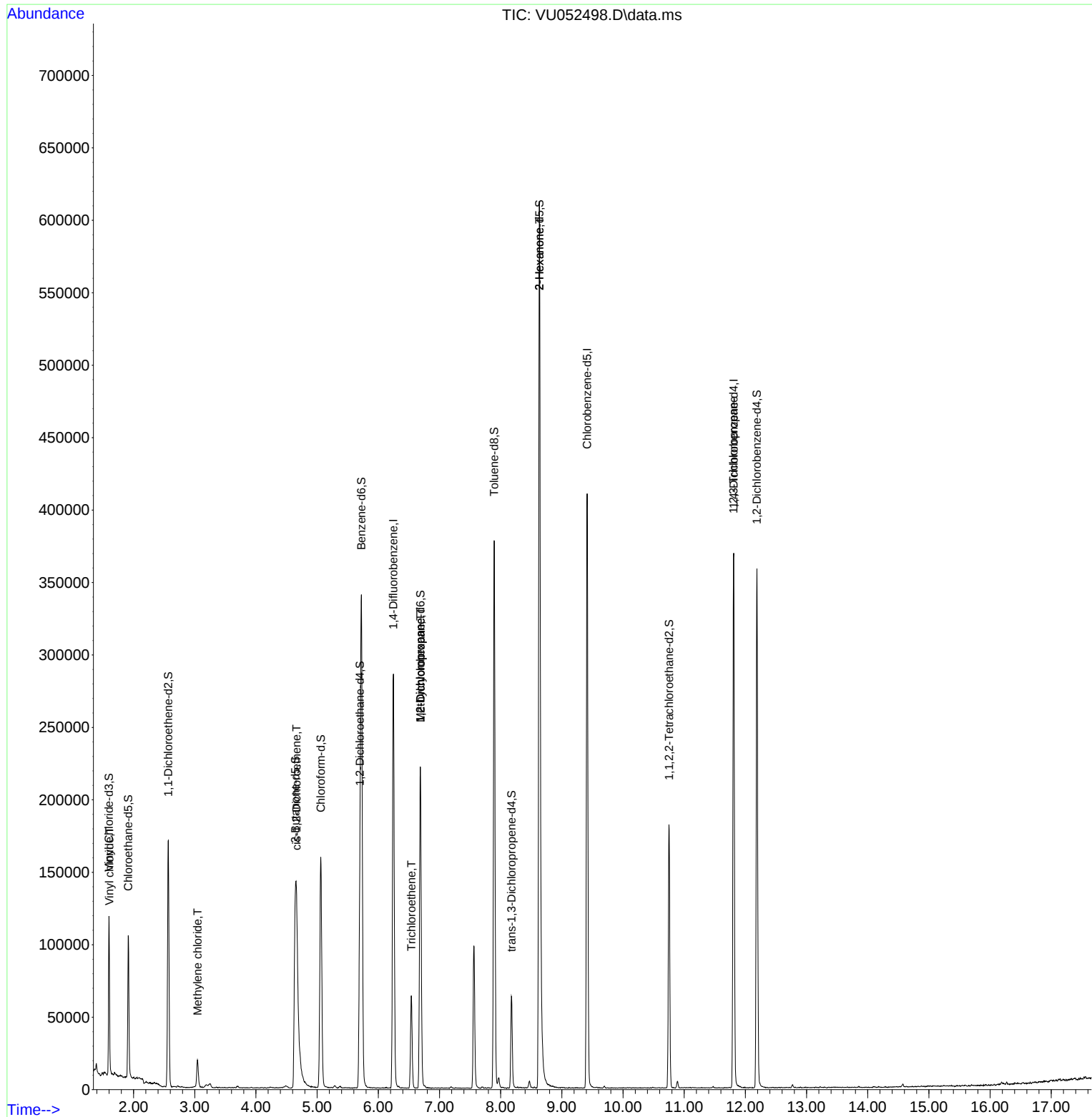
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	226725	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	218427	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	96403	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	76893	3.348	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.912	69	74335	3.753	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.565	65	33381	3.377	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	4.645	46	317208	44.533	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.060%
24) Chloroform-d	5.060	84	149148	3.849	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.000%
26) 1,2-Dichloroethane-d4	5.700	65	89159	3.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
32) Benzene-d6	5.723	84	311191	4.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.687	67	108929	4.226	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.893	98	247668	3.940	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	8.176	79	37174	4.211	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.200%
46) 2-Hexanone-d5	8.632	63	225638	46.721	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.440%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	92888	4.244	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	92134	4.694	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
5) Vinyl chloride	1.604	62	3178	0.120	ug/L #	20
16) Methylene chloride	3.044	84	8365	0.349	ug/L	95
22) cis-1,2-Dichloroethene	4.665	96	17144	0.893	ug/L	98
34) Trichloroethene	6.539	95	22155	1.205	ug/L	94
35) Methylcyclohexane	6.687	83	23887	0.861	ug/L #	14
37) 1,2-Dichloropropane	6.687	63	11319	0.516	ug/L #	88
48) 2-Hexanone	8.632	43	26799	2.216	ug/L #	83
61) 1,2,3-Trichloropropane	11.806	75	12987	0.939	ug/L #	69

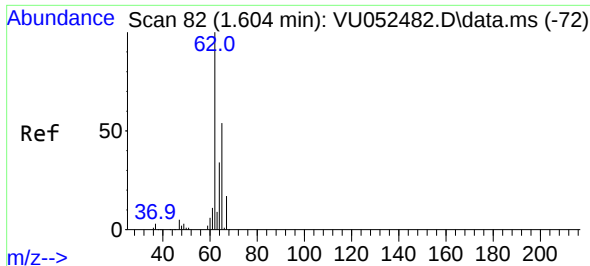
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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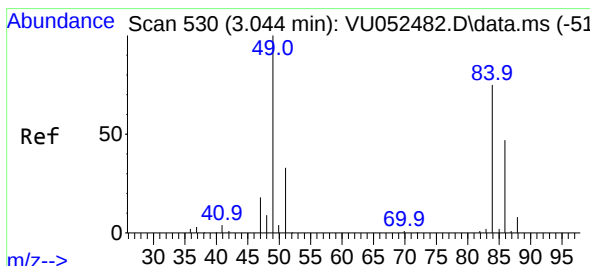
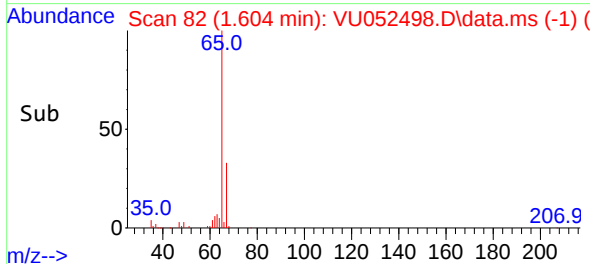
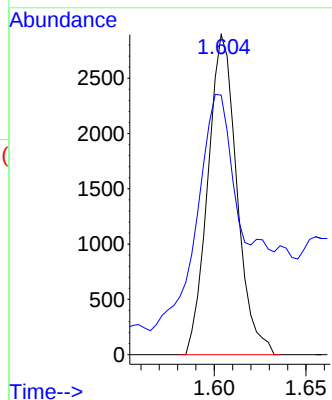
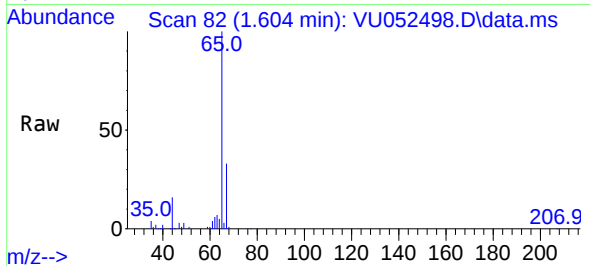




#5
 Vinyl chloride
 Concen: 0.120 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU052498.D
 Acq: 22 Dec 2022 17:50

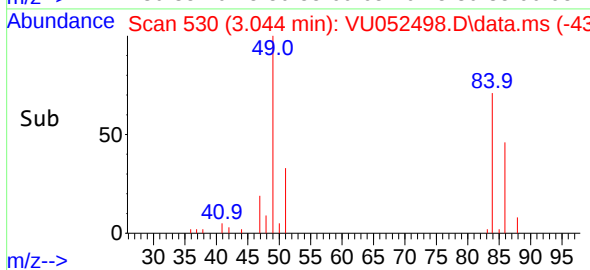
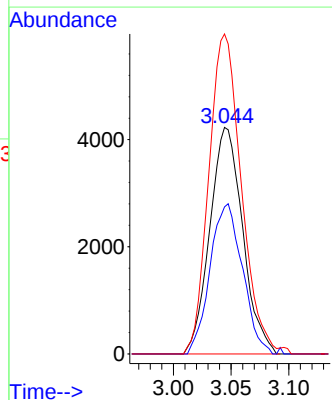
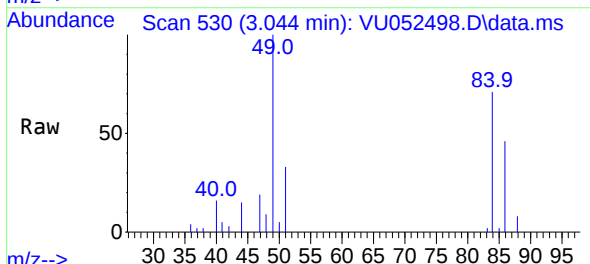
Instrument :
 MSVOA_U
 ClientSampleId :
 COL40DL

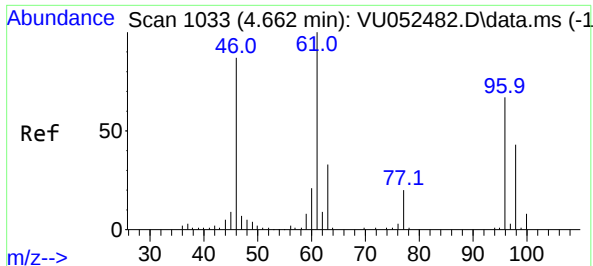
Tgt Ion: 62 Resp: 3178
 Ion Ratio Lower Upper
 62 100
 64 81.1 24.4 45.4#



#16
 Methylene chloride
 Concen: 0.349 ug/L
 RT: 3.044 min Scan# 530
 Delta R.T. -0.003 min
 Lab File: VU052498.D
 Acq: 22 Dec 2022 17:50

Tgt Ion: 84 Resp: 8365
 Ion Ratio Lower Upper
 84 100
 86 64.9 44.7 83.1
 49 141.2 93.3 173.3





#22

cis-1,2-Dichloroethene

Concen: 0.893 ug/L

RT: 4.665 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VU052498.D

Acq: 22 Dec 2022 17:50

Instrument :

MSVOA_U

ClientSampleId :

COL40DL

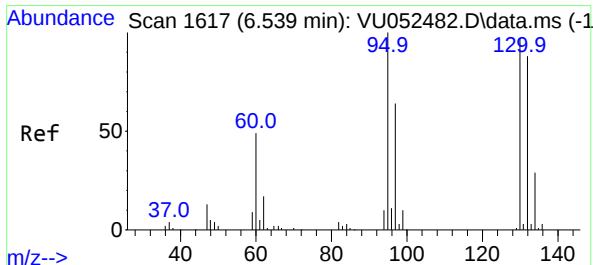
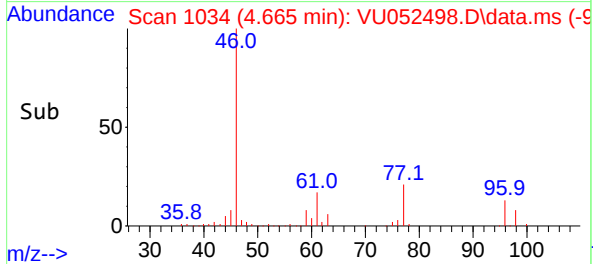
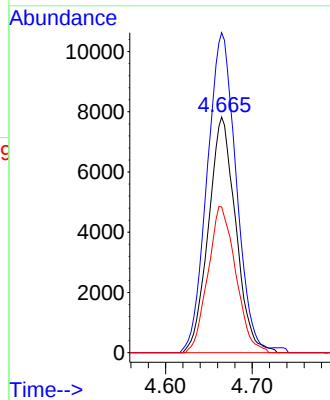
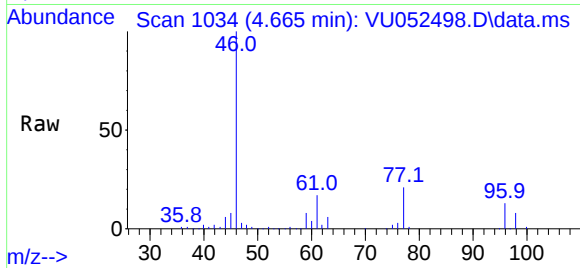
Tgt Ion: 96 Resp: 17144

Ion Ratio Lower Upper

96 100

61 135.8 96.9 180.1

98 61.8 44.7 83.1



#34

Trichloroethene

Concen: 1.205 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VU052498.D

Acq: 22 Dec 2022 17:50

Tgt Ion: 95 Resp: 22155

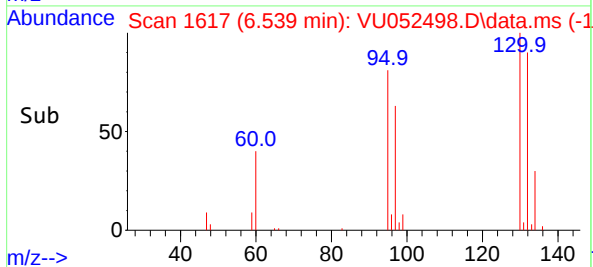
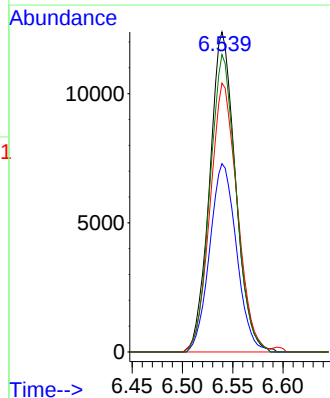
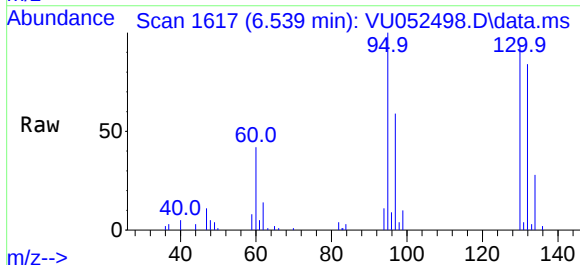
Ion Ratio Lower Upper

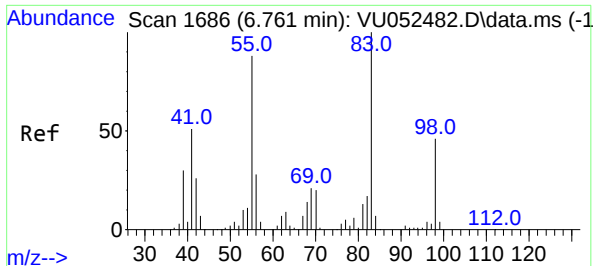
95 100

97 58.8 46.3 86.1

132 84.0 63.9 118.7

130 93.0 65.9 122.5

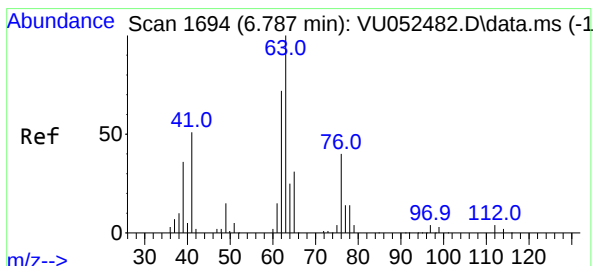
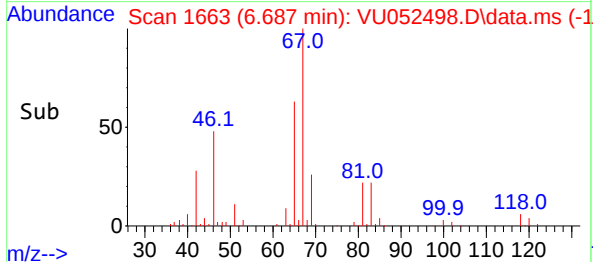
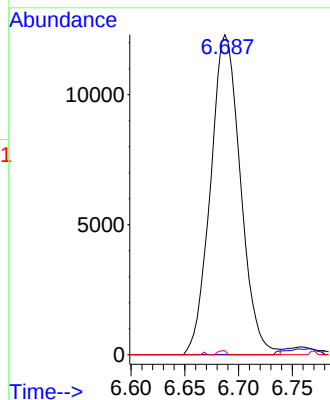
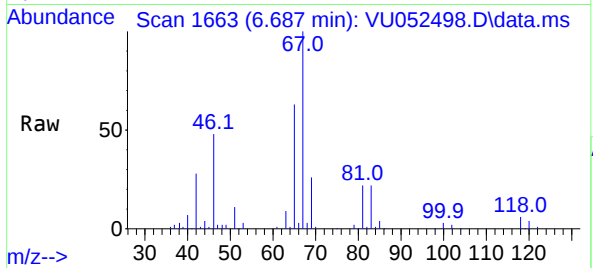




#35
Methylcyclohexane
Concen: 0.861 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052498.D
Acq: 22 Dec 2022 17:50

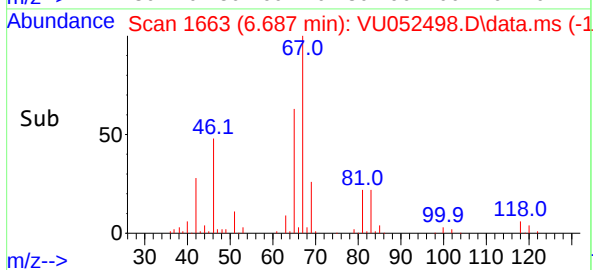
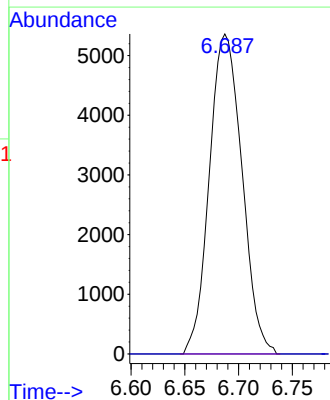
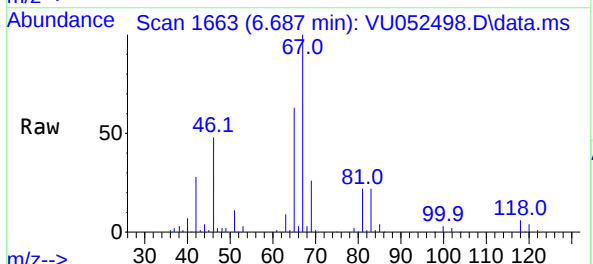
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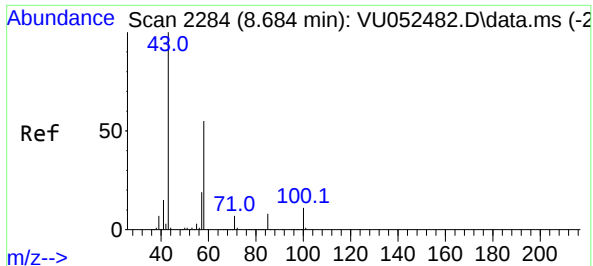
Tgt Ion: 83 Resp: 23887
Ion Ratio Lower Upper
83 100
55 0.0 71.4 107.0#
98 0.3 36.5 54.7#



#37
1,2-Dichloropropane
Concen: 0.516 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU052498.D
Acq: 22 Dec 2022 17:50

Tgt Ion: 63 Resp: 11319
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



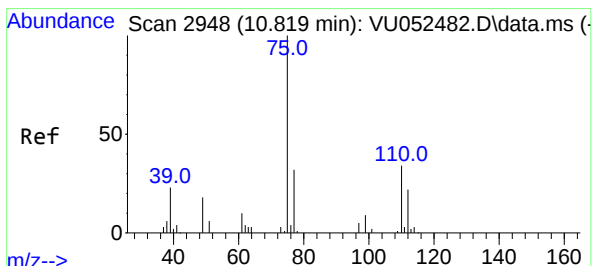
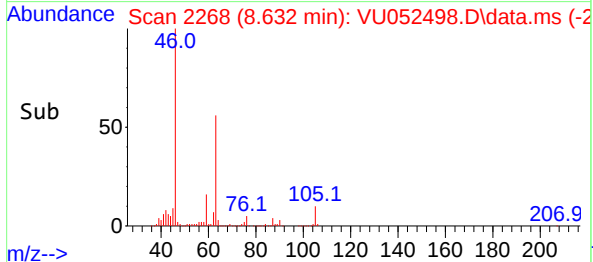
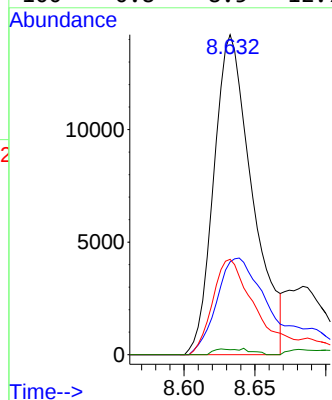
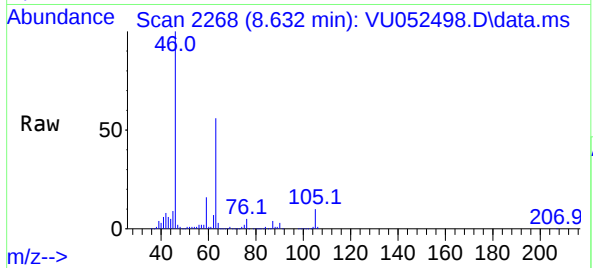


#48
2-Hexanone
Concen: 2.216 ug/L
RT: 8.632 min Scan# 21
Delta R.T. -0.052 min
Lab File: VU052498.D
Acq: 22 Dec 2022 17:50

Instrument :
MSVOA_U
ClientSampleId :
COL40DL

Tgt Ion: 43 Resp: 26799

Ion	Ratio	Lower	Upper
43	100		
58	48.0	44.1	66.1
57	33.7	14.6	21.8#
100	0.8	8.5	12.7#



#61
1,2,3-Trichloropropane
Concen: 0.939 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU052498.D
Acq: 22 Dec 2022 17:50

Tgt Ion: 75 Resp: 12987

Ion	Ratio	Lower	Upper
75	100		
110	1.9	27.9	41.9#
77	31.2	25.9	38.9

