

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
 Data File : VU052502.D
 Acq On : 22 Dec 2022 19:24
 Operator : JC/MD
 Sample : N6188-10 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL47DL

Quant Time: Dec 23 00:33:44 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)

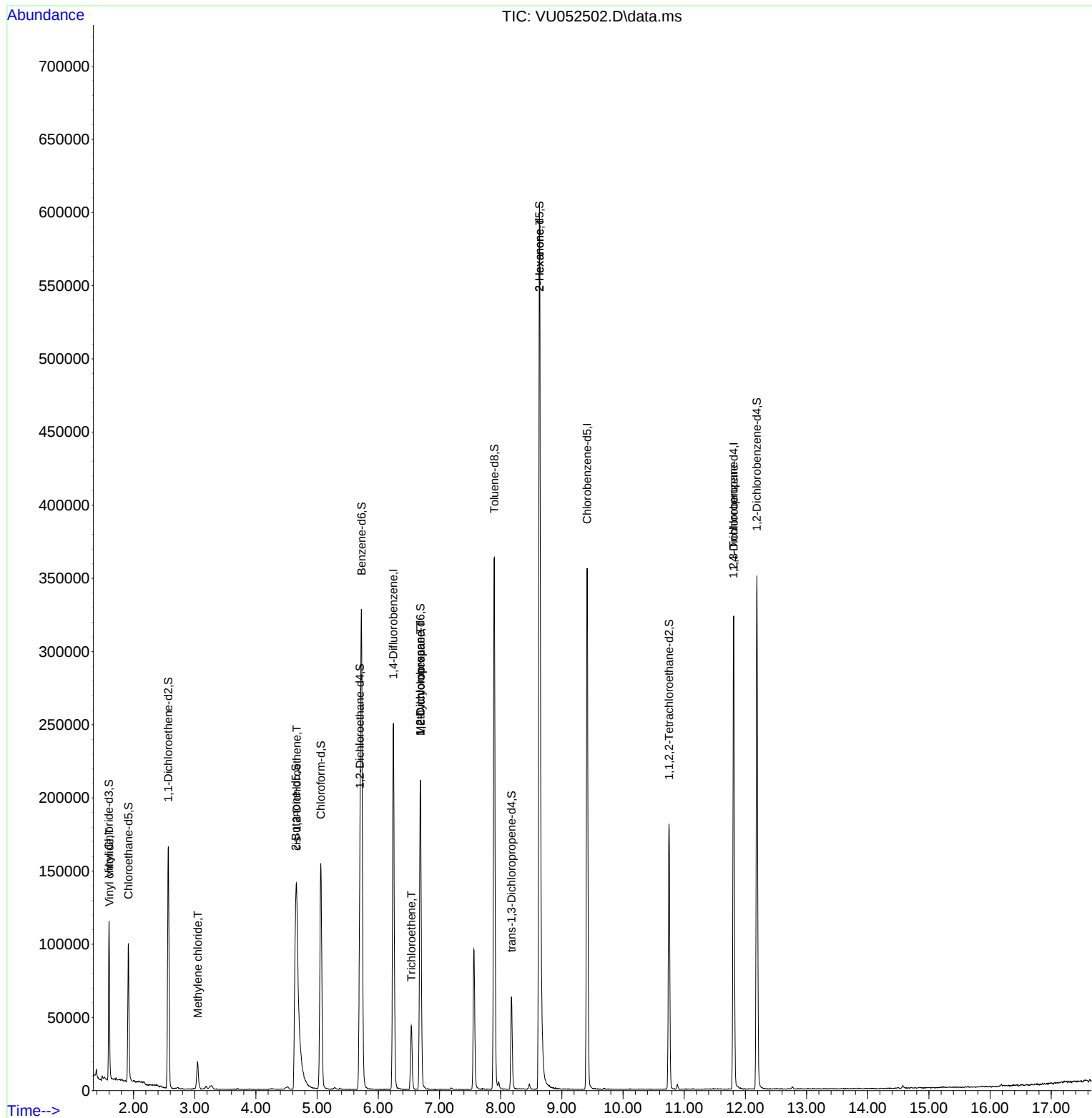
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	196584	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	192150	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	82494	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	75065	3.769	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.916	69	70988	4.133	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.568	65	31919	3.724	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	4.652	46	327488	53.026	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.060%
24) Chloroform-d	5.060	84	145820	4.340	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.700	65	90476	4.642	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.726	84	299260	4.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.687	67	104050	4.588	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.800%
41) Toluene-d8	7.896	98	236904	4.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	8.176	79	35982	4.634	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.600%
46) 2-Hexanone-d5	8.632	63	225634	53.109	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.220%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	93352	4.849	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	89190	5.311	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds						
5) Vinyl chloride	1.604	62	4858	0.212	ug/L #	77
16) Methylene chloride	3.047	84	8205	0.395	ug/L	95
22) cis-1,2-Dichloroethene	4.668	96	20087	1.206	ug/L	97
34) Trichloroethene	6.539	95	14558	0.900	ug/L	94
35) Methylcyclohexane	6.687	83	23126	0.948	ug/L #	14
37) 1,2-Dichloropropane	6.687	63	10418	0.539	ug/L #	88
48) 2-Hexanone	8.636	43	34712	3.263	ug/L #	70
61) 1,2,3-Trichloropropane	11.806	75	10919	0.923	ug/L #	69

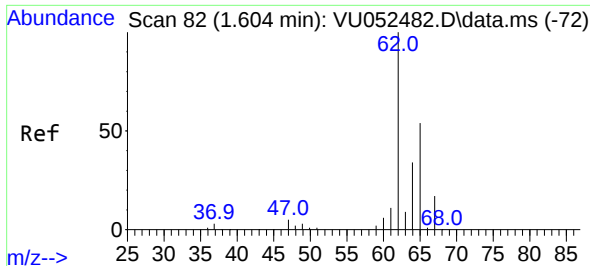
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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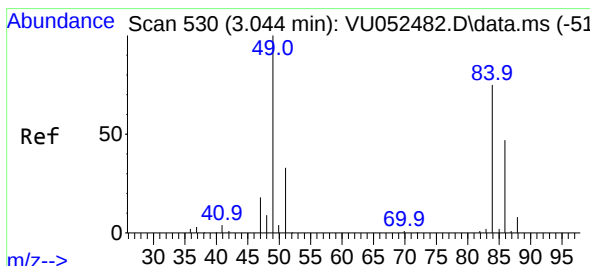
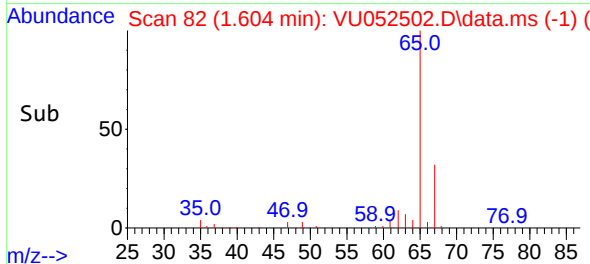
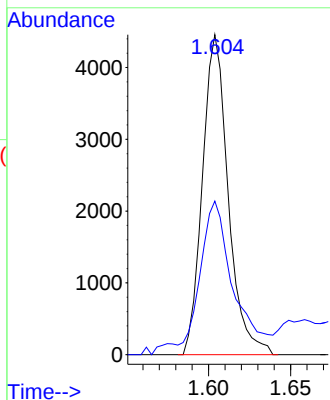
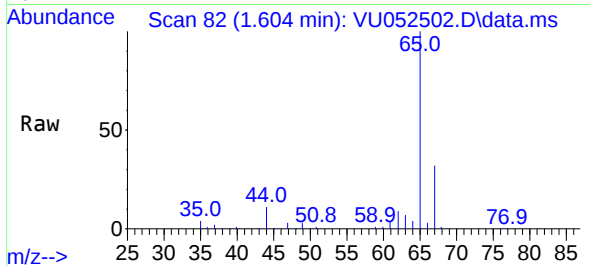




#5
 Vinyl chloride
 Concen: 0.212 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU052502.D
 Acq: 22 Dec 2022 19:24

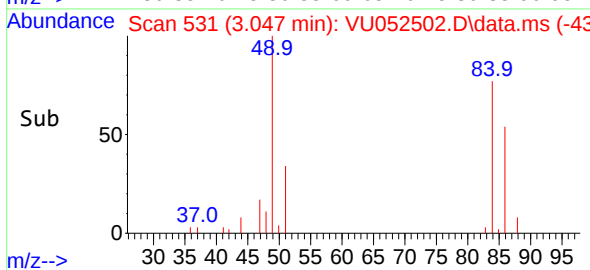
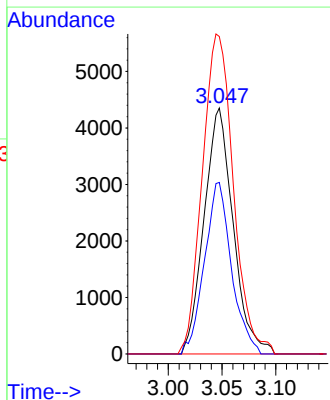
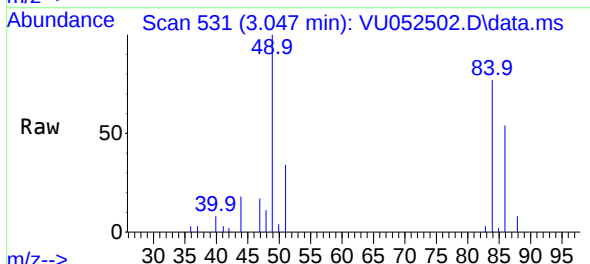
Instrument :
 MSVOA_U
 ClientSampleId :
 COL47DL

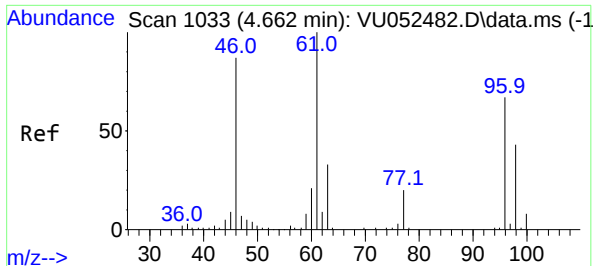
Tgt Ion: 62 Resp: 4858
 Ion Ratio Lower Upper
 62 100
 64 48.0 24.4 45.4#



#16
 Methylene chloride
 Concen: 0.395 ug/L
 RT: 3.047 min Scan# 531
 Delta R.T. -0.000 min
 Lab File: VU052502.D
 Acq: 22 Dec 2022 19:24

Tgt Ion: 84 Resp: 8205
 Ion Ratio Lower Upper
 84 100
 86 69.8 44.7 83.1
 49 129.1 93.3 173.3

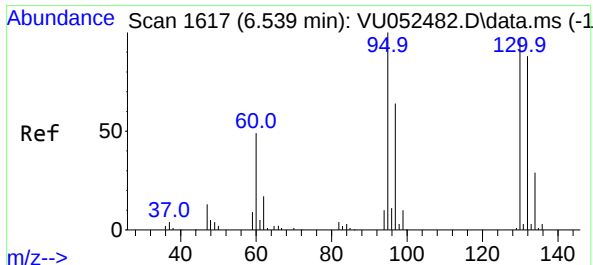
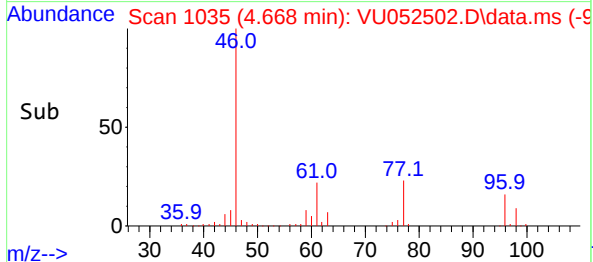
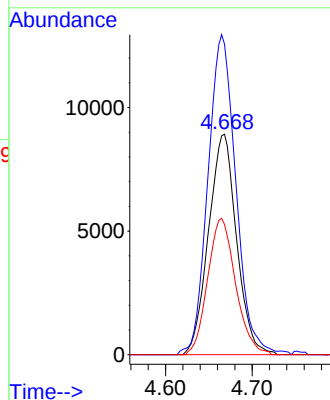
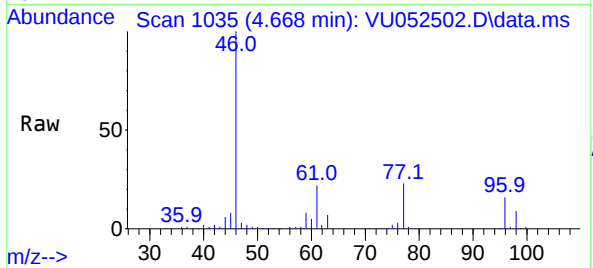




#22
cis-1,2-Dichloroethene
Concen: 1.206 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU052502.D
Acq: 22 Dec 2022 19:24

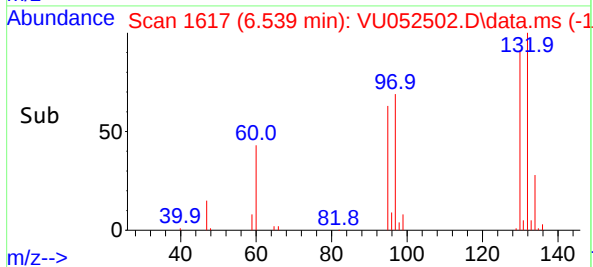
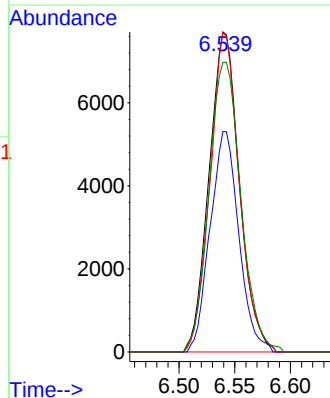
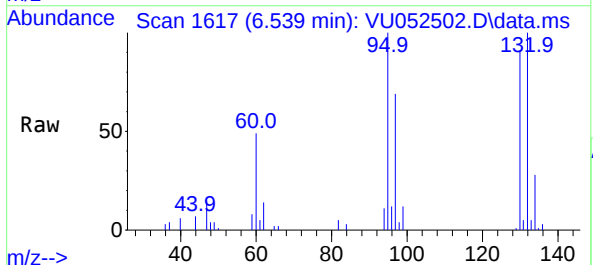
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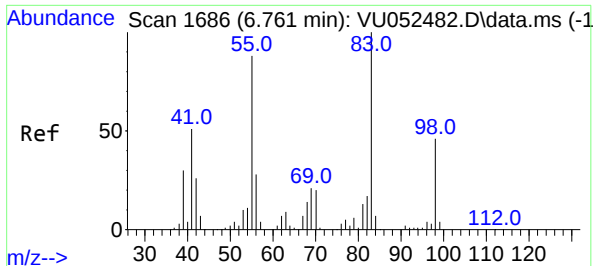
Tgt Ion:	96	Resp:	20087
Ion	Ratio	Lower	Upper
96	100		
61	140.9	96.9	180.1
98	59.0	44.7	83.1



#34
Trichloroethene
Concen: 0.900 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052502.D
Acq: 22 Dec 2022 19:24

Tgt Ion:	95	Resp:	14558
Ion	Ratio	Lower	Upper
95	100		
97	68.9	46.3	86.1
132	99.8	63.9	118.7
130	90.5	65.9	122.5

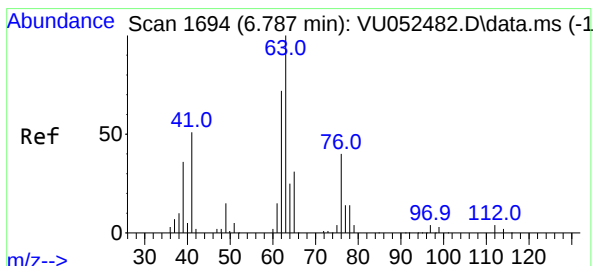
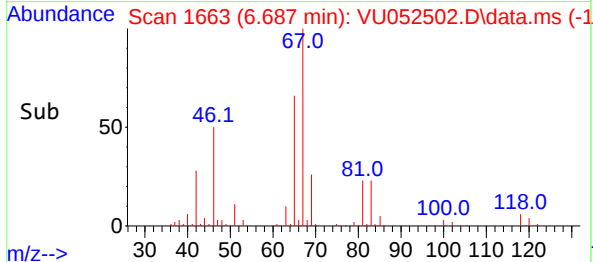
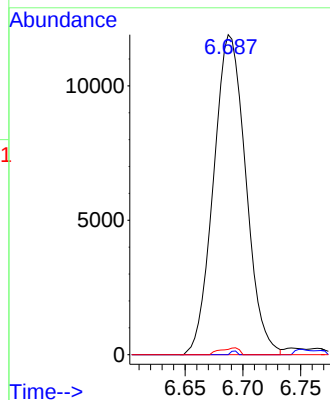
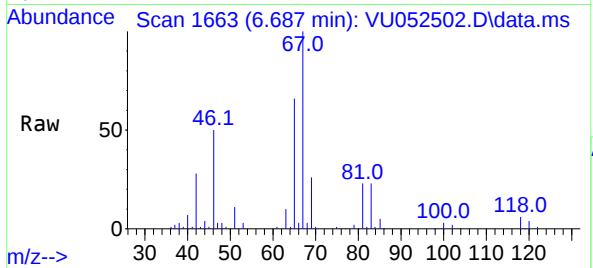




#35
Methylcyclohexane
Concen: 0.948 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052502.D
Acq: 22 Dec 2022 19:24

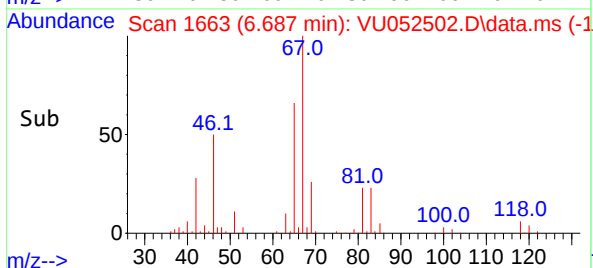
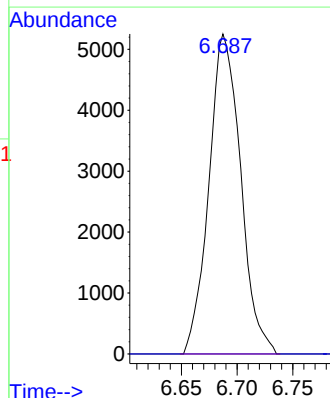
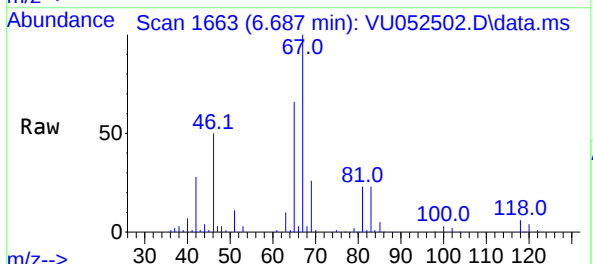
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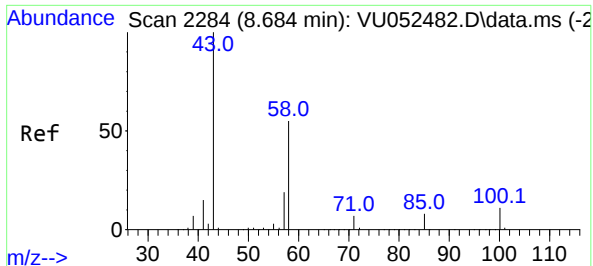
Tgt Ion: 83 Resp: 23126
Ion Ratio Lower Upper
83 100
55 0.2 71.4 107.0#
98 1.3 36.5 54.7#



#37
1,2-Dichloropropane
Concen: 0.539 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU052502.D
Acq: 22 Dec 2022 19:24

Tgt Ion: 63 Resp: 10418
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



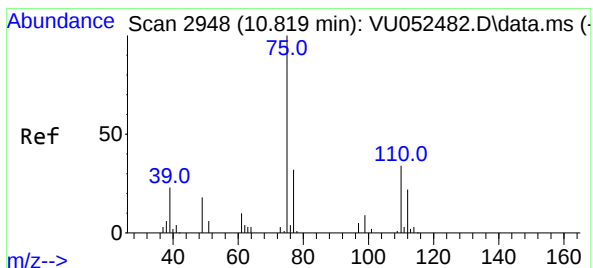
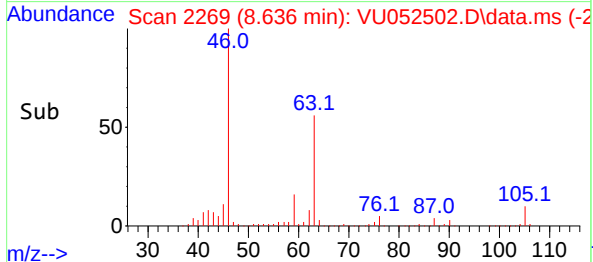
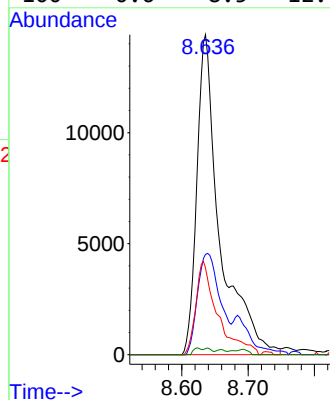
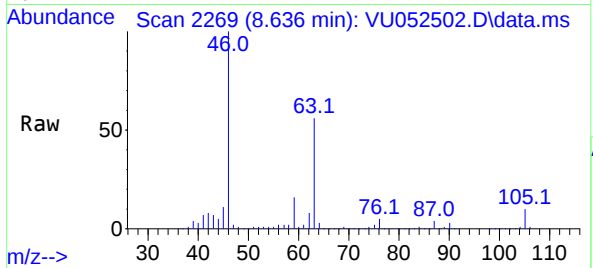


#48
2-Hexanone
Concen: 3.263 ug/L
RT: 8.636 min Scan# 21
Delta R.T. -0.048 min
Lab File: VU052502.D
Acq: 22 Dec 2022 19:24

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 43 Resp: 34712

Ion	Ratio	Lower	Upper
43	100		
58	31.2	44.1	66.1#
57	27.5	14.6	21.8#
100	0.6	8.5	12.7#



#61
1,2,3-Trichloropropane
Concen: 0.923 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU052502.D
Acq: 22 Dec 2022 19:24

Tgt Ion: 75 Resp: 10919

Ion	Ratio	Lower	Upper
75	100		
110	1.2	27.9	41.9#
77	31.8	25.9	38.9

