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 Data File : VU056909.D
 Acq On : 16 Dec 2023 03:42
 Operator : MD/SY
 Sample : 05809-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

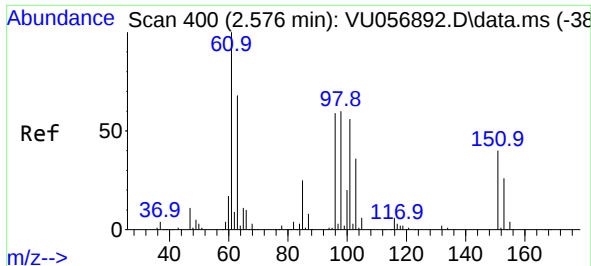
Instrument :
 MSVOA_U
 ClientSampleId :
 F7C87

Quant Time: Dec 16 05:13:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	201133	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	210630	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	88701	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	74370	4.314	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.911	69	66946	5.189	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.800%
11) 1,1-Dichloroethene-d2	2.563	65	34385	4.661	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	4.631	46	198449	58.286	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.580%
24) Chloroform-d	5.055	84	169977	5.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	5.695	65	84783	5.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	5.721	84	311952	4.775	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.685	67	104386	5.105	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.894	98	247896	4.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.177	79	35294	4.451	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.631	63	145754	48.733	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.460%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	77961	5.269	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	90415	5.185	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
12) 1,1-Dichloroethene	2.576	96	18566	1.137	ug/L #	28
17) Methyl tert-butyl Ether	3.354	73	81280	2.245	ug/L	98
19) 1,1-Dichloroethane	3.862	63	70233	2.205	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	2864	0.159	ug/L	87
34) Trichloroethene	6.537	95	13203	0.650	ug/L	91
35) Methylcyclohexane	6.685	83	23932	0.799	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	10734	0.567	ug/L #	88
47) Tetrachloroethene	8.547	164	9147	0.644	ug/L	96
48) 2-Hexanone	8.682	43	5908	0.923	ug/L #	84
61) 1,2,3-Trichloropropane	11.807	75	11335	1.190	ug/L #	69

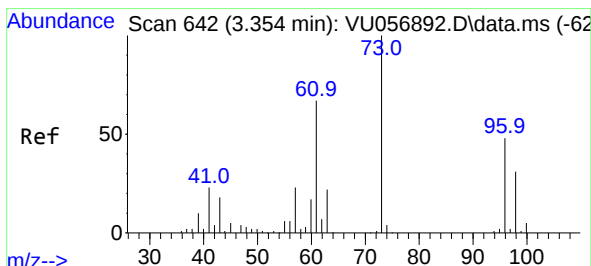
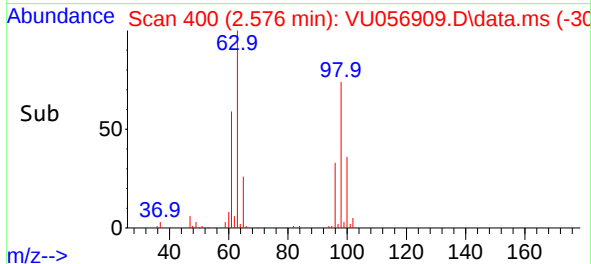
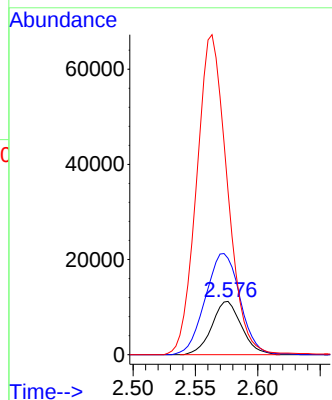
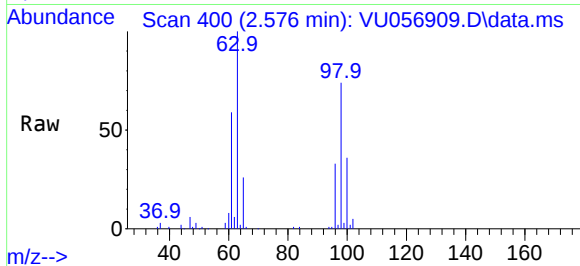
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#12
1,1-Dichloroethene
Concen: 1.137 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056909.D
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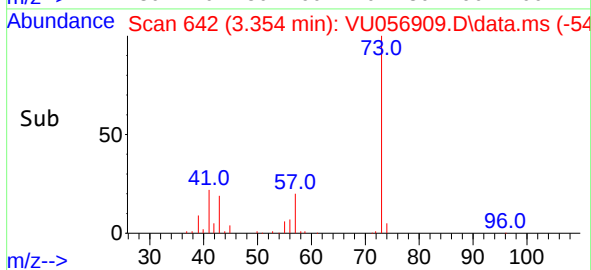
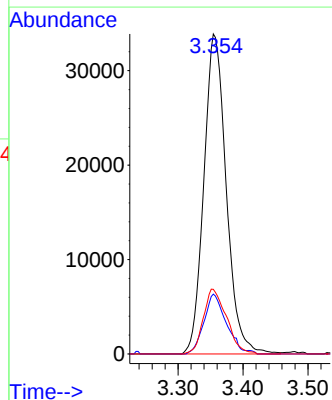
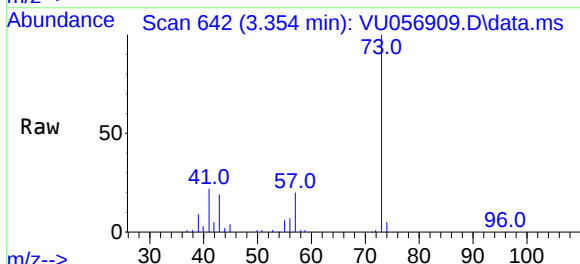
Instrument :
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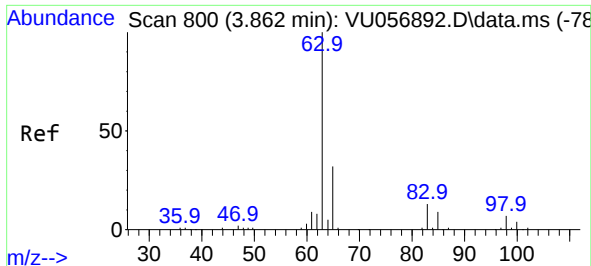
Tgt Ion: 96 Resp: 18566
Ion Ratio Lower Upper
96 100
61 181.1 119.0 221.0
63 307.5 88.7 164.7#



#17
Methyl tert-butyl Ether
Concen: 2.245 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU056909.D
Acq: 16 Dec 2023 03:42

Tgt Ion: 73 Resp: 81280
Ion Ratio Lower Upper
73 100
43 18.9 14.4 21.6
57 21.0 17.8 26.8

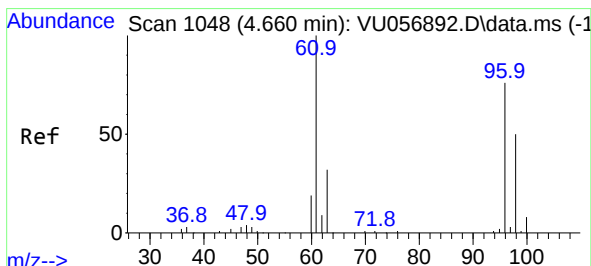
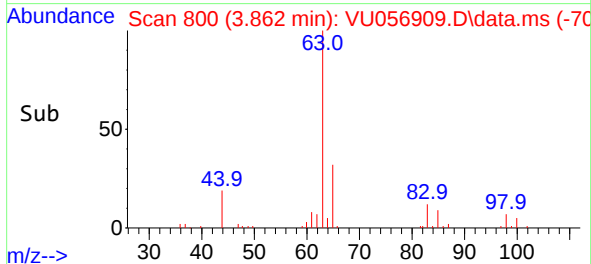
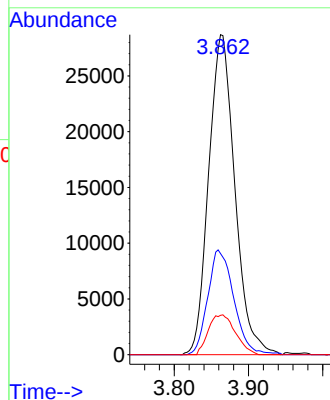
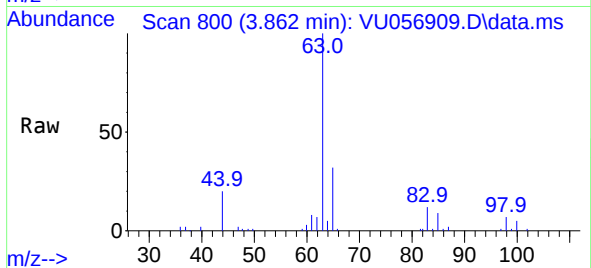




#19
1,1-Dichloroethane
Concen: 2.205 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU056909.D
Acq: 16 Dec 2023 03:42

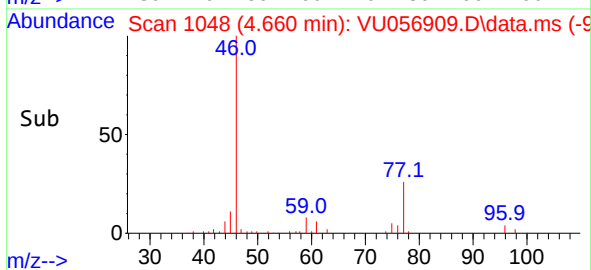
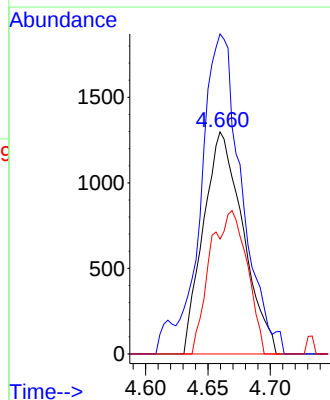
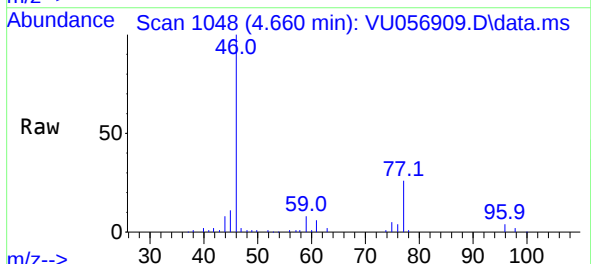
Instrument :
MSVOA_U
ClientSampleId :
F7C87

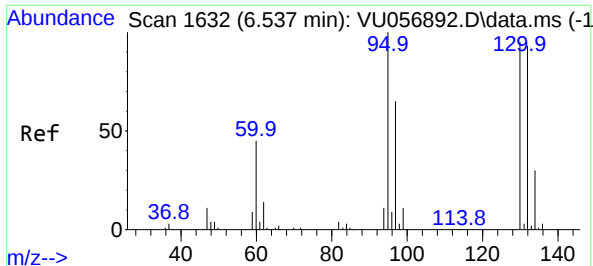
Tgt Ion: 63 Resp: 70233
Ion Ratio Lower Upper
63 100
65 32.4 22.9 42.5
83 12.3 10.1 18.9



#22
cis-1,2-Dichloroethene
Concen: 0.159 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU056909.D
Acq: 16 Dec 2023 03:42

Tgt Ion: 96 Resp: 2864
Ion Ratio Lower Upper
96 100
61 144.1 91.3 169.6
98 51.7 44.2 82.0



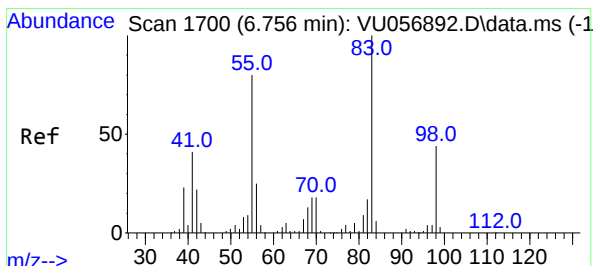
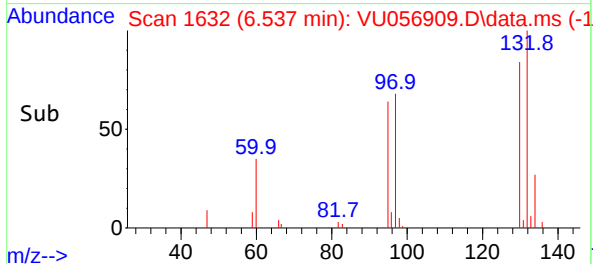
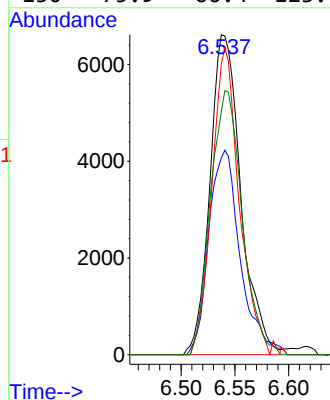
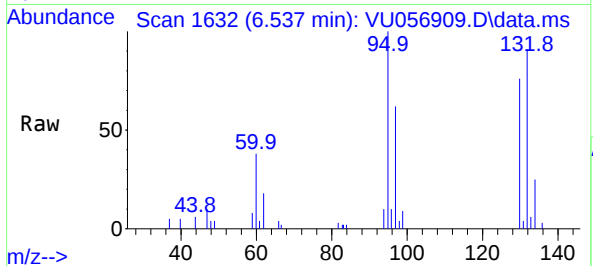


#34
Trichloroethene
Concen: 0.650 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056909.D
Acq: 16 Dec 2023 03:42

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 95 Resp: 13203

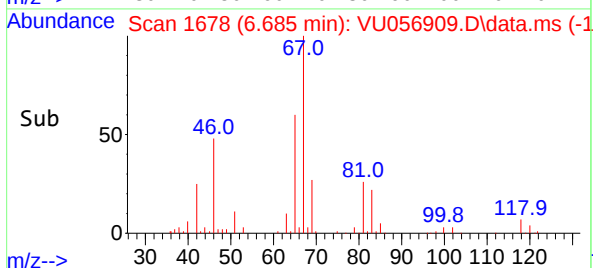
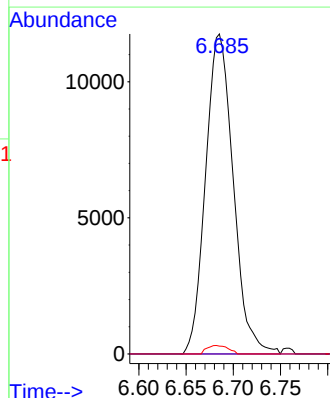
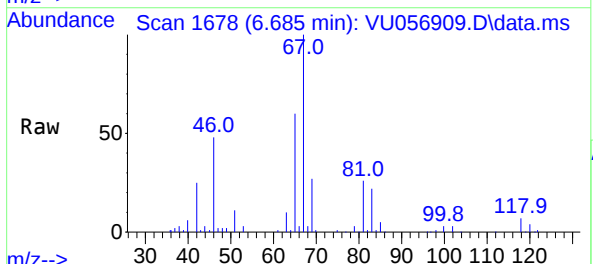
Ion	Ratio	Lower	Upper
95	100		
97	61.5	46.1	85.5
132	90.7	63.6	118.0
130	75.9	66.4	123.4

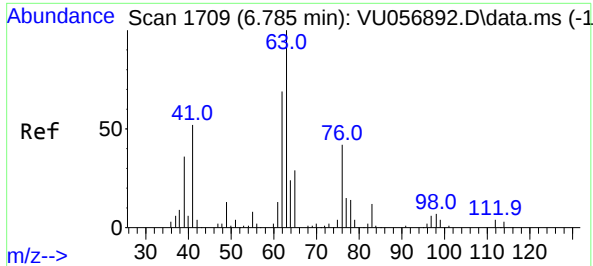


#35
Methylcyclohexane
Concen: 0.799 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056909.D
Acq: 16 Dec 2023 03:42

Tgt Ion: 83 Resp: 23932

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.6	97.0#
98	2.0	36.1	54.1#

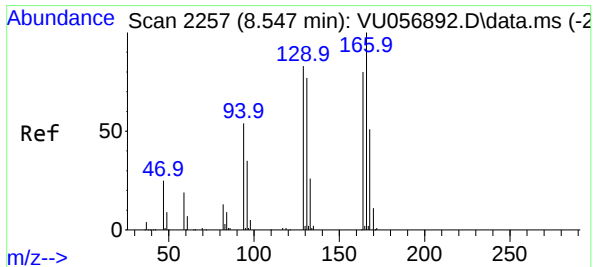
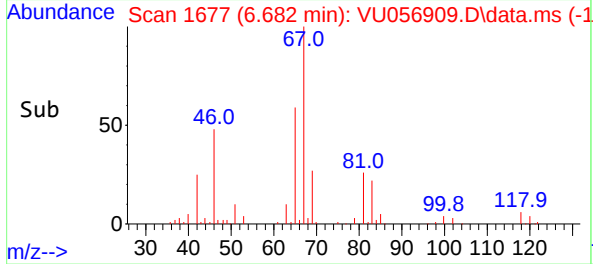
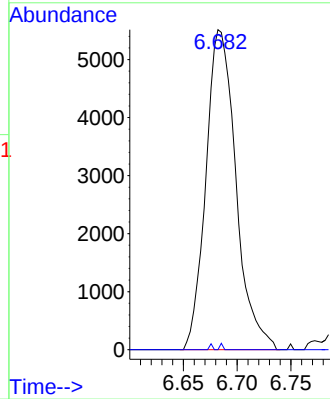
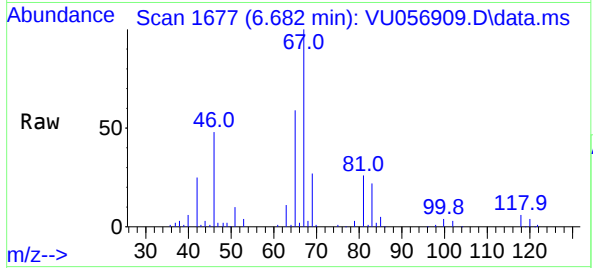




#37
 1,2-Dichloropropane
 Concen: 0.567 ug/L
 RT: 6.682 min Scan# 1107
 Delta R.T. -0.103 min
 Lab File: VU056909.D
 Acq: 16 Dec 2023 03:42

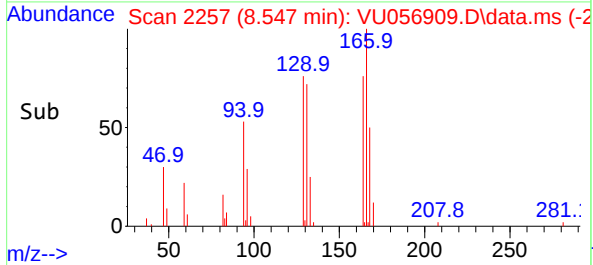
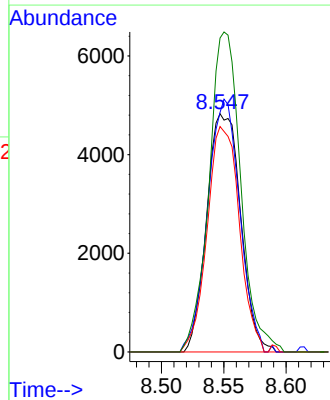
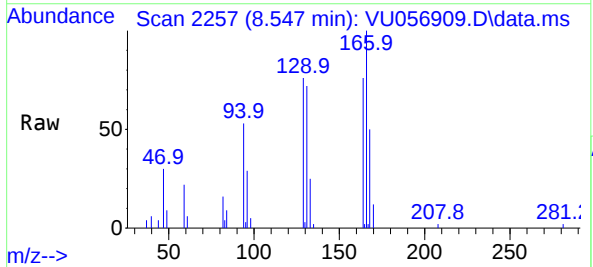
Instrument :
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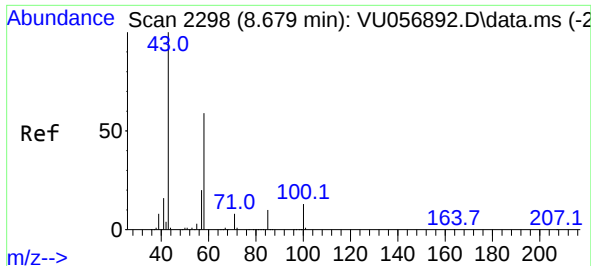
Tgt Ion: 63 Resp: 10734
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.3 4.9#



#47
 Tetrachloroethene
 Concen: 0.644 ug/L
 RT: 8.547 min Scan# 2257
 Delta R.T. -0.003 min
 Lab File: VU056909.D
 Acq: 16 Dec 2023 03:42

Tgt Ion:164 Resp: 9147
 Ion Ratio Lower Upper
 164 100
 129 100.5 73.4 136.4
 131 94.6 71.5 132.9
 166 131.8 92.7 172.1



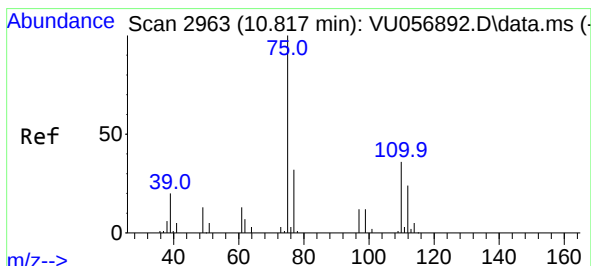
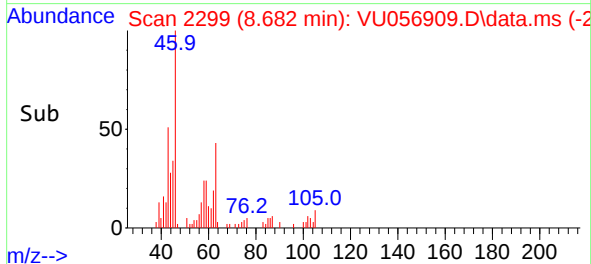
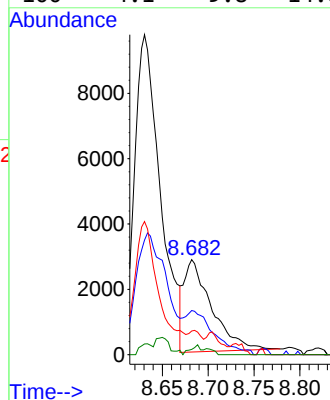
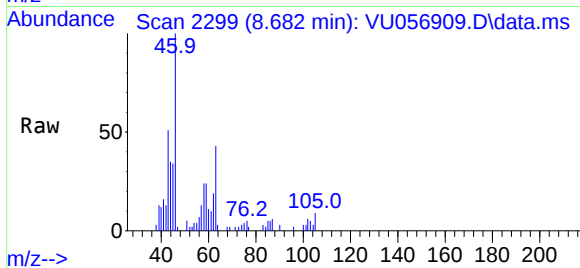


#48
2-Hexanone
Concen: 0.923 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056909.D
Acq: 16 Dec 2023 03:42

Instrument :
MSVOA_U
ClientSampleId :
F7C87

Tgt Ion: 43 Resp: 5908

Ion	Ratio	Lower	Upper
43	100		
58	48.7	47.5	71.3
57	12.6	17.0	25.4#
100	4.1	9.8	14.8#



#61
1,2,3-Trichloropropane
Concen: 1.190 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056909.D
Acq: 16 Dec 2023 03:42

Tgt Ion: 75 Resp: 11335

Ion	Ratio	Lower	Upper
75	100		
110	2.3	28.4	42.6#
77	31.4	26.3	39.5

