

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122623\
 Data File : VU057252.D
 Acq On : 26 Dec 2023 22:25
 Operator : MD/SY
 Sample : 05976-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 26 23:45:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 26 23:39:51 2023
 Response via : Initial Calibration

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

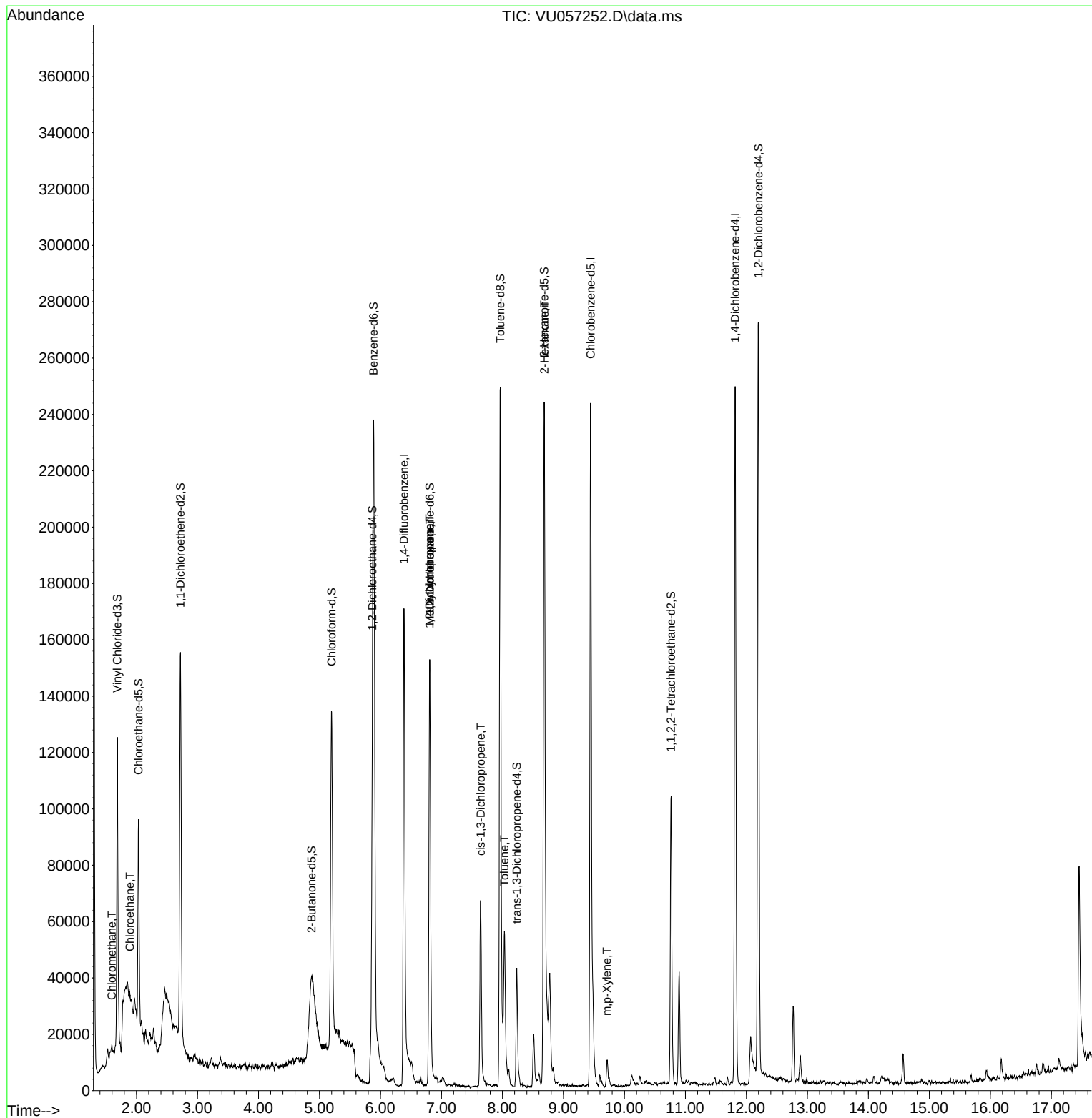
Internal Standards						
1) 1,4-Difluorobenzene	6.386	114	138222	5.000	ug/L	0.14
28) Chlorobenzene-d5	9.447	117	155663	5.000	ug/L	0.04
58) 1,4-Dichlorobenzene-d4	11.817	152	70334	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.686	65	90331	6.837	ug/L	0.09
Spiked Amount	5.000	Range	40 - 130	Recovery	=	136.800%#
7) Chloroethane-d5	2.033	69	58356	5.366	ug/L	0.12
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.400%
11) 1,1-Dichloroethene-d2	2.721	65	31851	5.565	ug/L	0.16
Spiked Amount	5.000	Range	60 - 125	Recovery	=	111.200%
20) 2-Butanone-d5	4.869	46	78723	37.952	ug/L	0.24
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.900%
24) Chloroform-d	5.197	84	115117	4.512	ug/L	0.14
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.869	65	62862	5.170	ug/L	0.17
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.888	84	245278	4.594	ug/L	0.17
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.808	67	75061	4.940	ug/L	0.12
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.965	98	177882	3.649	ug/L	0.07
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.000%
43) trans-1,3-Dichloroprop...	8.235	79	25288	3.998	ug/L	0.06
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.685	63	95636	44.412	ug/L	0.06
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.820%
56) 1,1,2,2-Tetrachloroeth...	10.766	84	55296	5.115	ug/L	0.02
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.196	152	69694	4.605	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
3) Chloromethane	1.596	50	2219	0.196	ug/L	92
8) Chloroethane	1.891	64	1357	0.177	ug/L #	44
35) Methylcyclohexane	6.811	83	17614	0.927	ug/L #	19
37) 1,2-Dichloropropane	6.804	63	7856	0.640	ug/L #	90
39) cis-1,3-Dichloropropene	7.644	75	2064	0.112	ug/L #	63
42) Toluene	8.033	91	18416	0.352	ug/L	99
48) 2-Hexanone	8.688	43	12094	3.080	ug/L #	70
53) m,p-Xylene	9.714	106	2849	0.132	ug/L	94

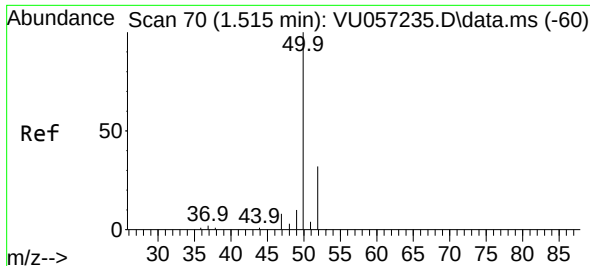
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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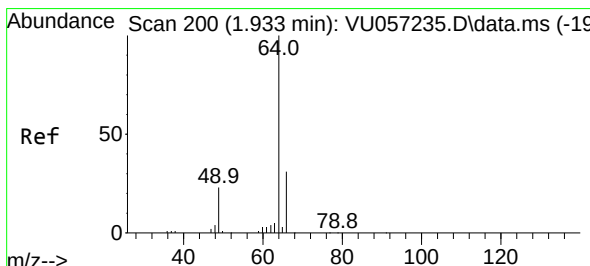
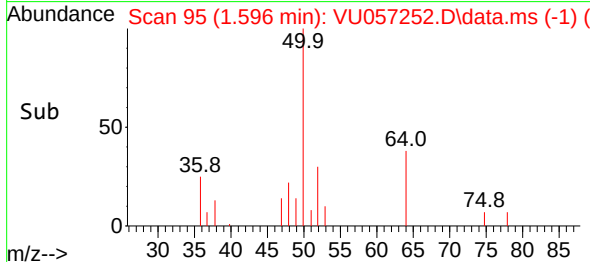
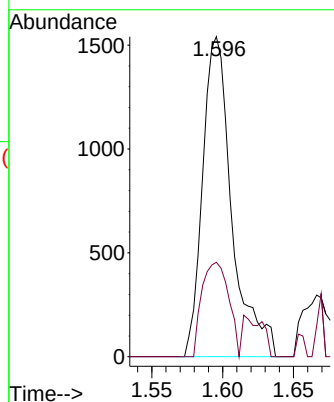
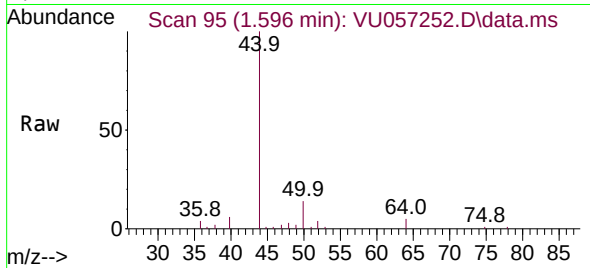




#3
Chloromethane
Concen: 0.196 ug/L
RT: 1.596 min Scan# 91
Delta R.T. 0.080 min
Lab File: VU057252.D
Acq: 26 Dec 2023 22:25

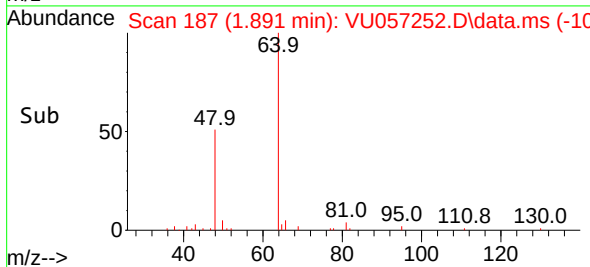
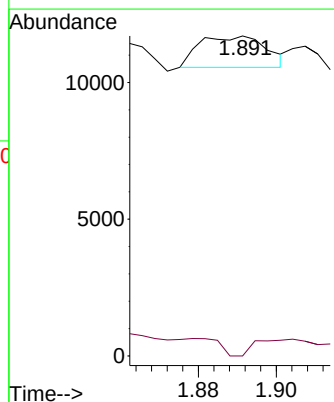
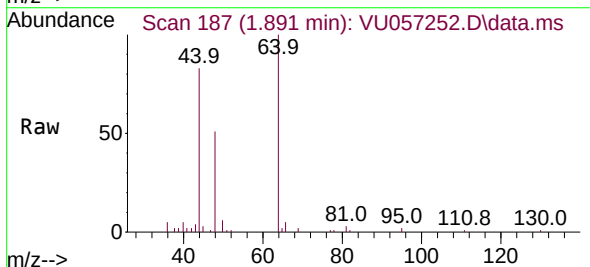
Instrument :
MSVOA_U
ClientSampleId :

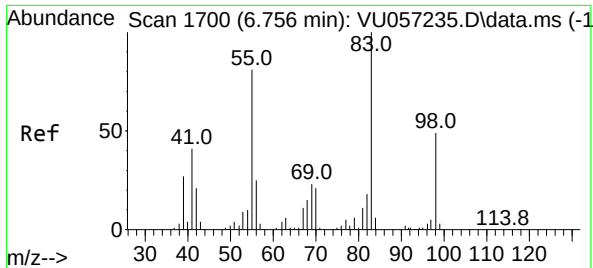
Tgt Ion: 50 Resp: 2219
Ion Ratio Lower Upper
50 100
52 29.5 23.7 44.1



#8
Chloroethane
Concen: 0.177 ug/L
RT: 1.891 min Scan# 187
Delta R.T. -0.042 min
Lab File: VU057252.D
Acq: 26 Dec 2023 22:25

Tgt Ion: 64 Resp: 1357
Ion Ratio Lower Upper
64 100
66 0.0 21.6 40.2#

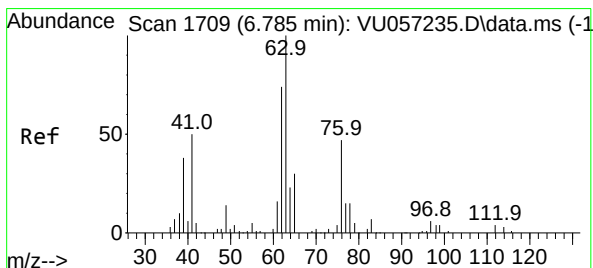
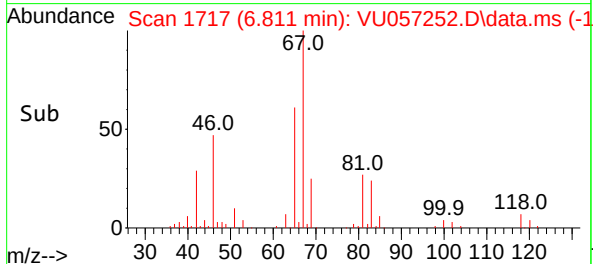
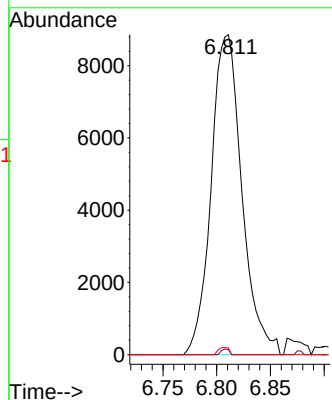
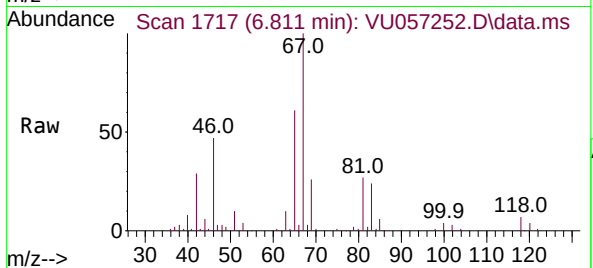




#35
Methylcyclohexane
Concen: 0.927 ug/L
RT: 6.811 min Scan# 1717
Delta R.T. 0.055 min
Lab File: VU057252.D
Acq: 26 Dec 2023 22:25

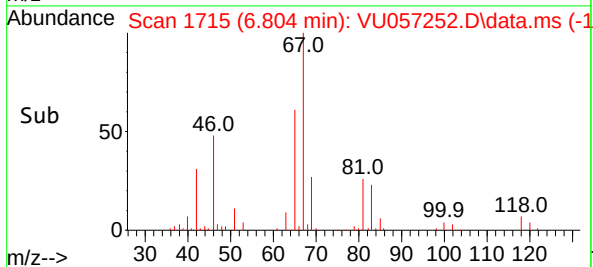
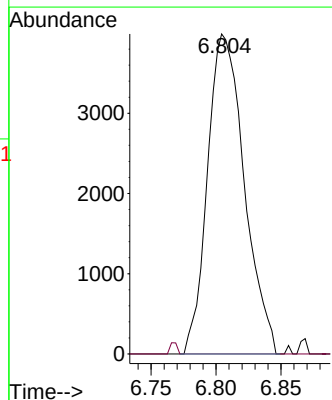
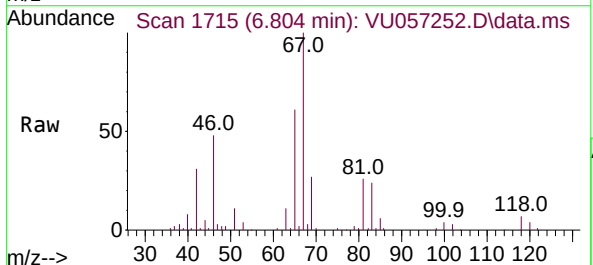
Instrument :
MSVOA_U
ClientSampleId :

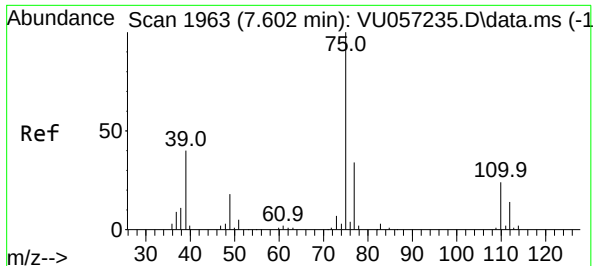
Tgt Ion: 83 Resp: 17614
Ion Ratio Lower Upper
83 100
55 0.4 61.3 91.9#
98 0.8 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.640 ug/L
RT: 6.804 min Scan# 1715
Delta R.T. 0.019 min
Lab File: VU057252.D
Acq: 26 Dec 2023 22:25

Tgt Ion: 63 Resp: 7856
Ion Ratio Lower Upper
63 100
112 0.7 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 7.644 min Scan# 1963

Delta R.T. 0.042 min

Lab File: VU057252.D

Acq: 26 Dec 2023 22:25

Instrument :

MSVOA_U

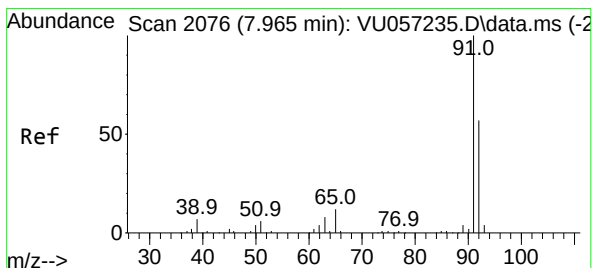
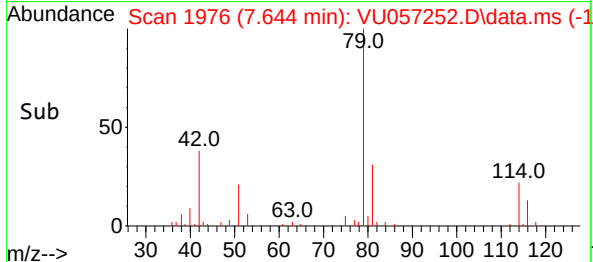
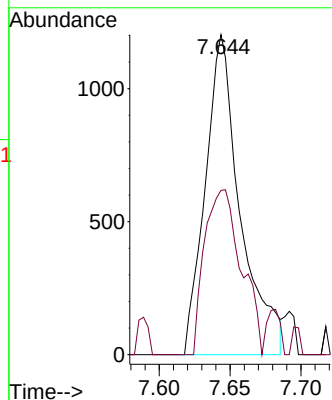
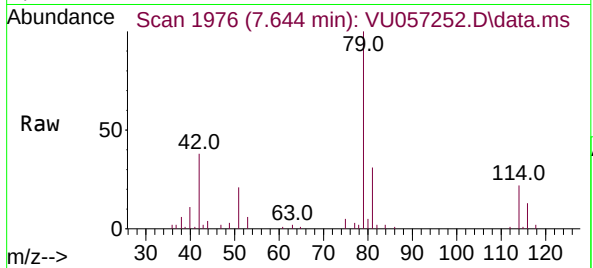
ClientSampleId :

Tgt Ion: 75 Resp: 2064

Ion Ratio Lower Upper

75 100

77 51.4 21.8 40.4#



#42

Toluene

Concen: 0.352 ug/L

RT: 8.033 min Scan# 2097

Delta R.T. 0.067 min

Lab File: VU057252.D

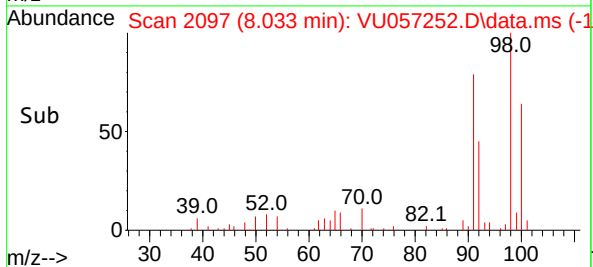
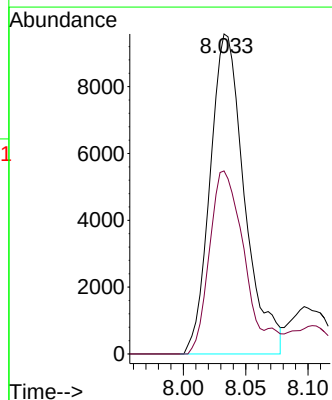
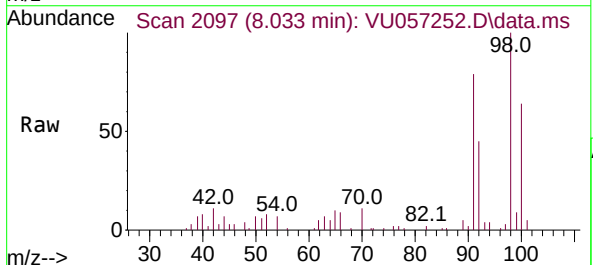
Acq: 26 Dec 2023 22:25

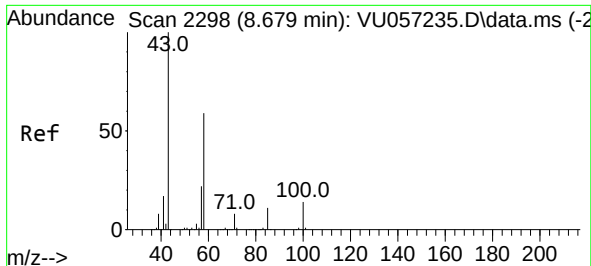
Tgt Ion: 91 Resp: 18416

Ion Ratio Lower Upper

91 100

92 57.2 40.5 75.1

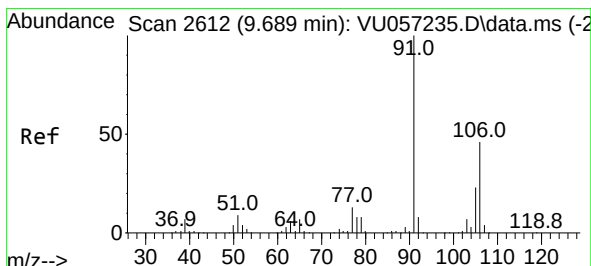
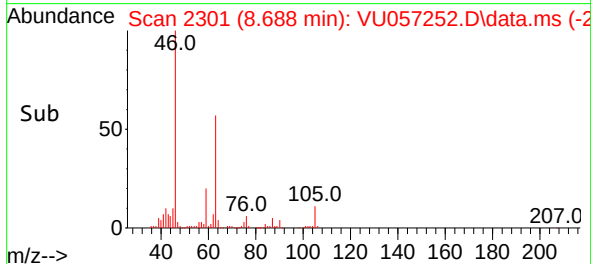
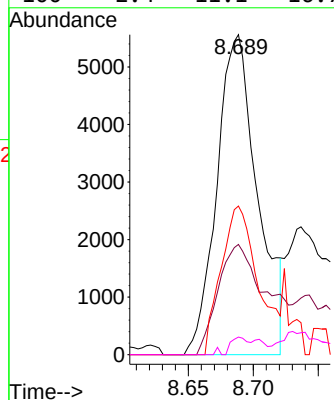
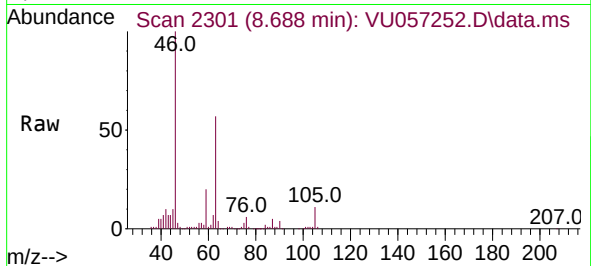




#48
2-Hexanone
Concen: 3.080 ug/L
RT: 8.688 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU057252.D
Acq: 26 Dec 2023 22:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43	Resp: 12094
Ion Ratio	Lower Upper
43 100	
58 41.4	49.8 74.8#
57 41.2	18.5 27.7#
100 2.4	11.1 16.7#



#53
m,p-Xylene
Concen: 0.132 ug/L
RT: 9.714 min Scan# 2620
Delta R.T. 0.026 min
Lab File: VU057252.D
Acq: 26 Dec 2023 22:25

Tgt Ion:106	Resp:	2849	
Ion	Ratio	Lower	Upper
106	100		
91	211.5	154.5	286.9

