

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059814.D
 Acq On : 03 Jul 2024 22:06
 Operator : MD/SY
 Sample : P3136-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BK4

Quant Time: Jul 04 02:13:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 04 02:08:13 2024
 Response via : Initial Calibration

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

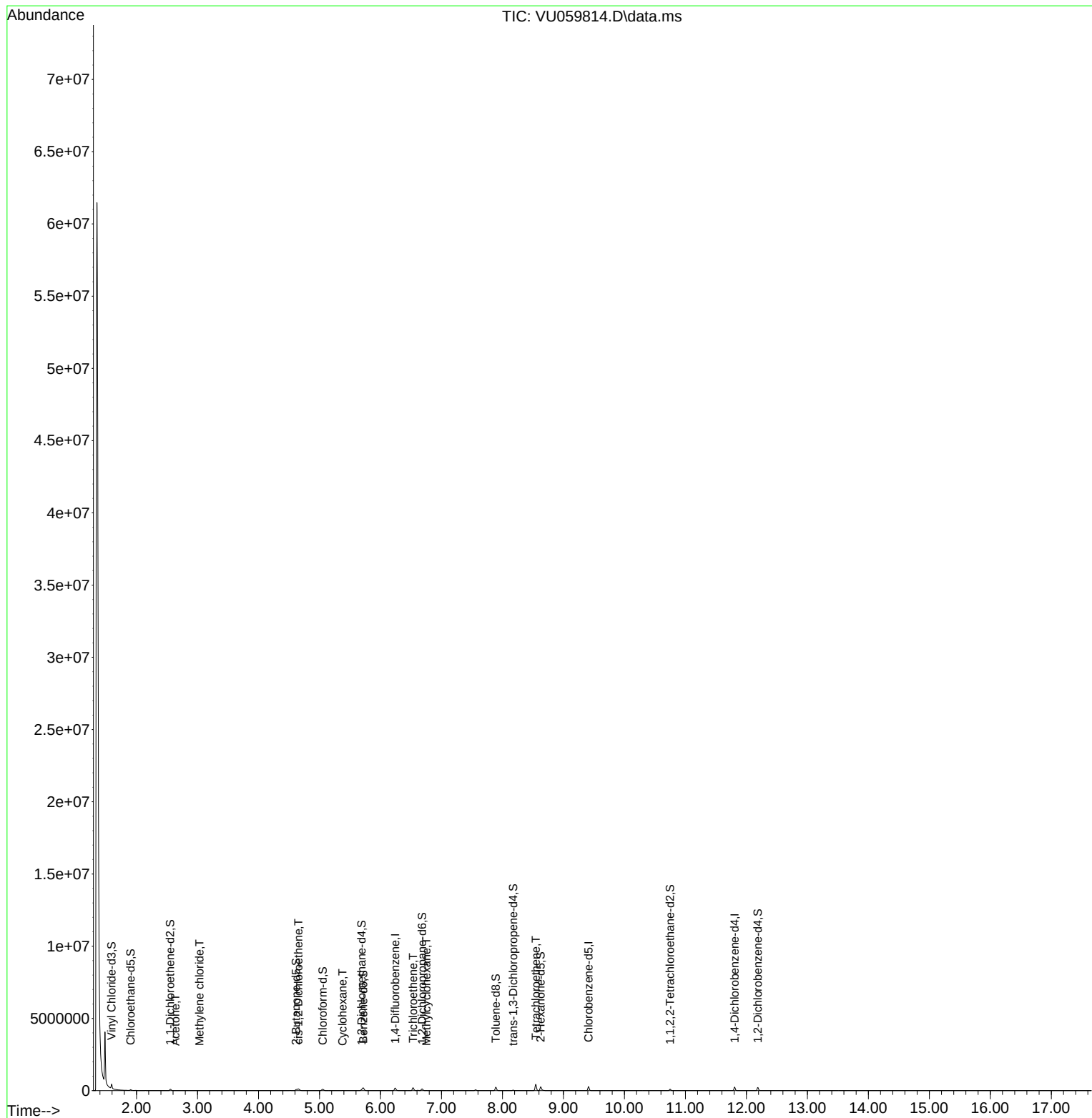
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	152892	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	163364	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	71833	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	49413	4.648	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.904	69	43456	4.248	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.554	65	18683	4.236	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.618	46	117026	53.439	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.880%
24) Chloroform-d	5.052	84	97181	4.453	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.692	65	48656	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.717	84	194427	4.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.682	67	63101	4.580	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.891	98	169548	4.056	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.177	79	21046	4.878	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.600%
46) 2-Hexanone-d5	8.627	63	93006	51.887	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.780%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	54987	4.831	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	64063	5.011	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
13) Acetone	2.637	43	6947	4.890	ug/L	100
16) Methylene chloride	3.033	84	3335	0.260	ug/L	93
22) cis-1,2-Dichloroethene	4.656	96	60304	4.851	ug/L	95
30) Cyclohexane	5.377	56	4916	0.295	ug/L #	85
34) Trichloroethene	6.534	95	71267	5.305	ug/L	97
35) Methylcyclohexane	6.756	83	3104	0.162	ug/L	86
47) Tetrachloroethene	8.547	164	103768	9.953	ug/L	95

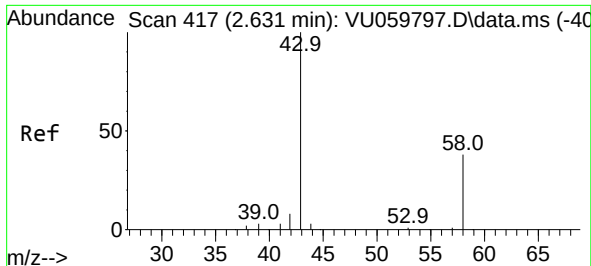
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jul 04 02:08:13 2024
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#13

Acetone

Concen: 4.890 ug/L

RT: 2.637 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU059814.D

Acq: 03 Jul 2024 22:06

Instrument :

MSVOA_U

ClientSampleId :

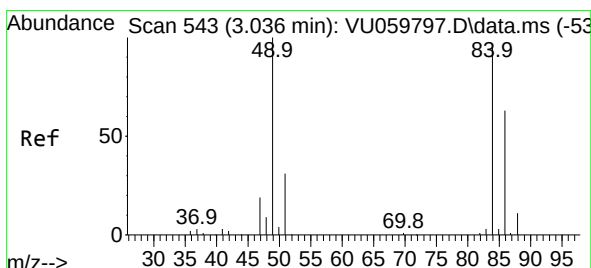
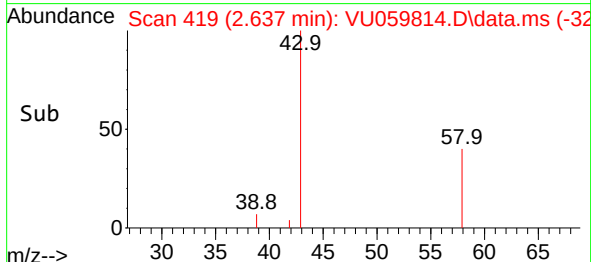
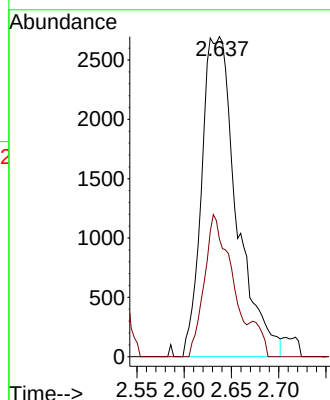
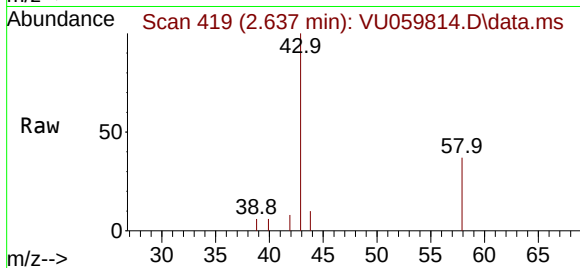
C0BK4

Tgt Ion: 43 Resp: 6947

Ion Ratio Lower Upper

43 100

58 34.1 0.0 68.0



#16

Methylene chloride

Concen: 0.260 ug/L

RT: 3.033 min Scan# 542

Delta R.T. -0.003 min

Lab File: VU059814.D

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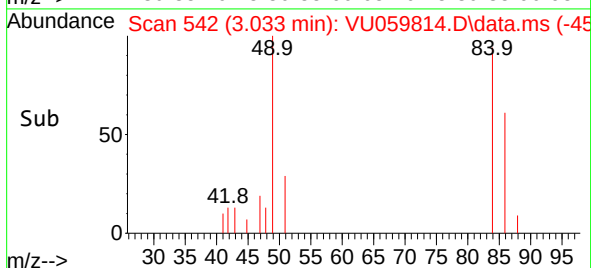
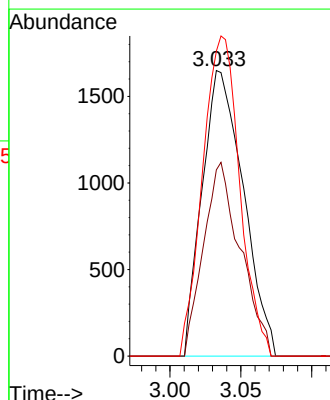
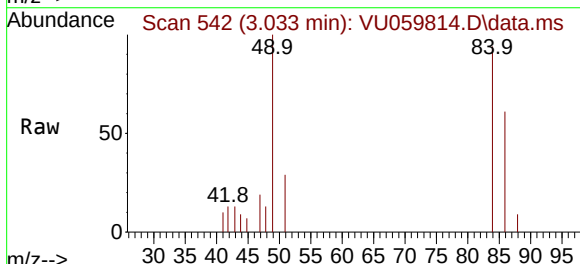
Tgt Ion: 84 Resp: 3335

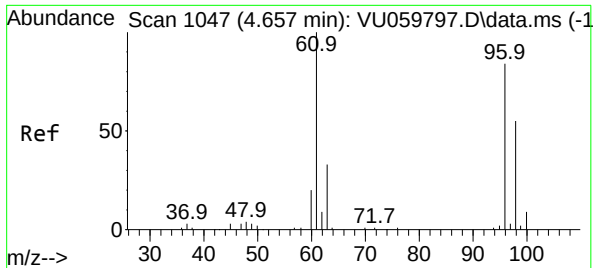
Ion Ratio Lower Upper

84 100

86 65.2 42.1 78.1

49 106.8 80.6 149.8

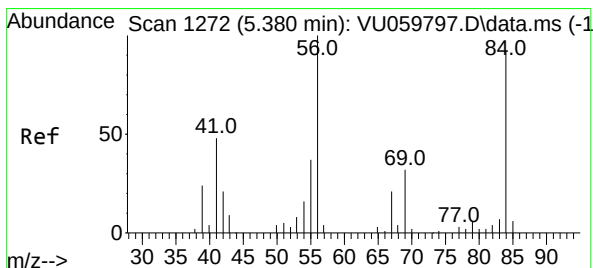
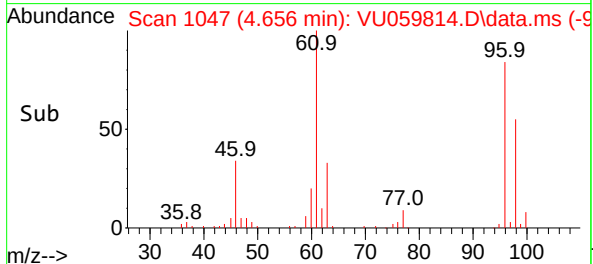
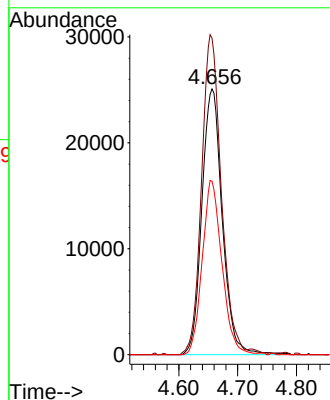
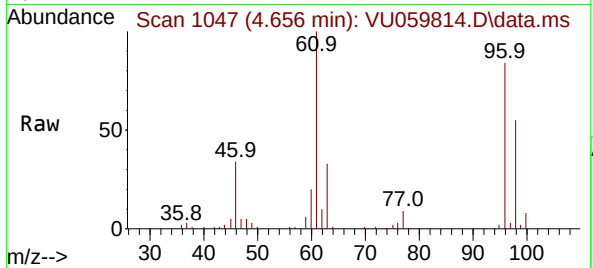




#22
 cis-1,2-Dichloroethene
 Concen: 4.851 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU059814.D
 Acq: 03 Jul 2024 22:06

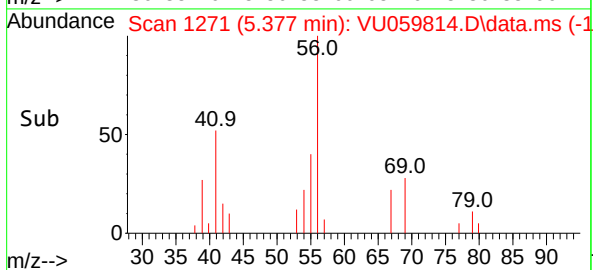
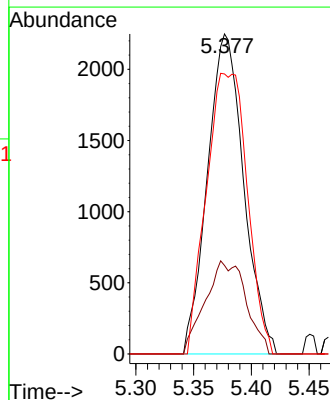
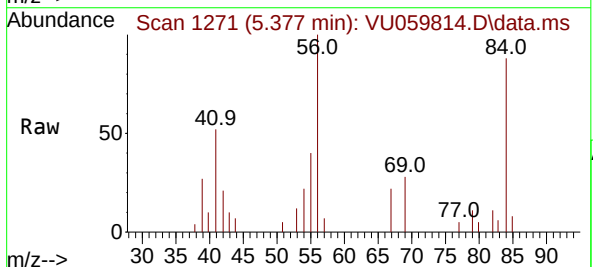
Instrument :
 MSVOA_U
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 C0BK4

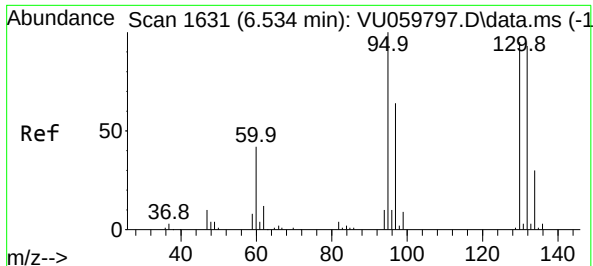
Tgt Ion:	96	Resp:	60304
Ion	Ratio	Lower	Upper
96	100		
61	119.1	87.4	162.2
98	65.3	42.3	78.5



#30
 Cyclohexane
 Concen: 0.295 ug/L
 RT: 5.377 min Scan# 1271
 Delta R.T. -0.003 min
 Lab File: VU059814.D
 Acq: 03 Jul 2024 22:06

Tgt Ion:	56	Resp:	4916
Ion	Ratio	Lower	Upper
56	100		
69	18.9	24.8	37.2#
84	98.7	69.8	104.8

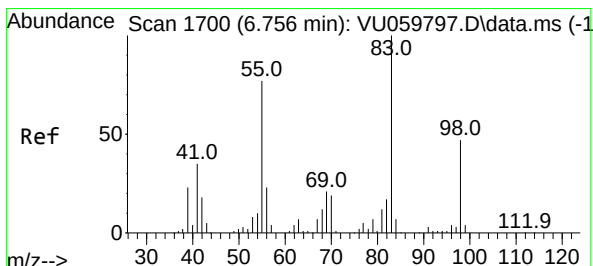
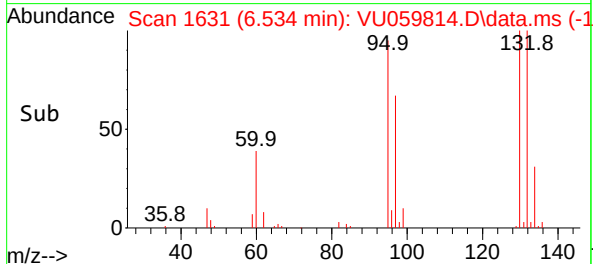
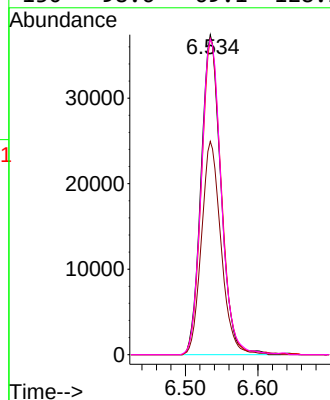
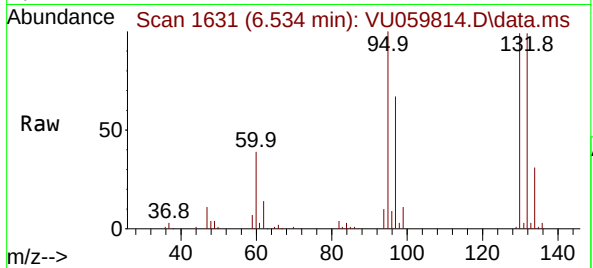




#34
Trichloroethene
Concen: 5.305 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU059814.D
Acq: 03 Jul 2024 22:06

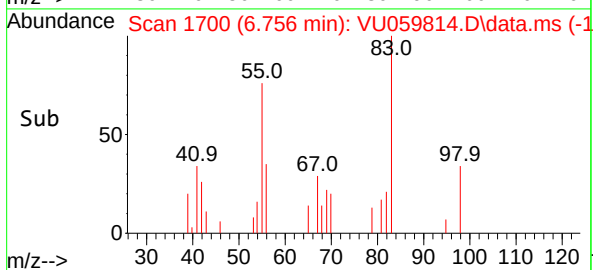
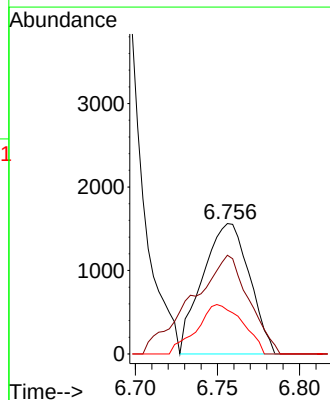
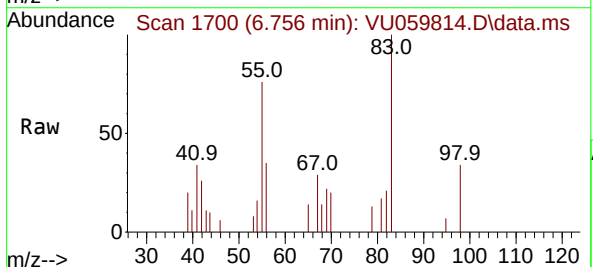
Instrument :
MSVOA_U
ClientSampleId :
C0BK4

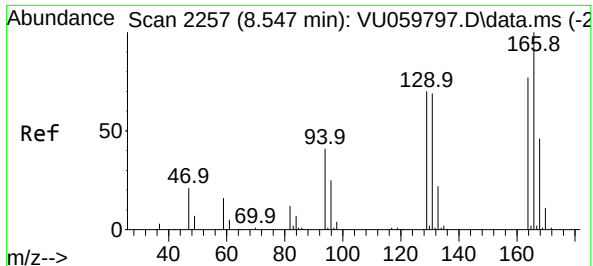
Tgt Ion: 95 Resp: 71267
Ion Ratio Lower Upper
95 100
97 66.6 45.3 84.1
132 98.8 64.0 119.0
130 98.6 69.1 128.3



#35
Methylcyclohexane
Concen: 0.162 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU059814.D
Acq: 03 Jul 2024 22:06

Tgt Ion: 83 Resp: 3104
Ion Ratio Lower Upper
83 100
55 92.4 62.7 94.1
98 37.1 35.4 53.0





#47
 Tetrachloroethene
 Concen: 9.953 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU059814.D
 Acq: 03 Jul 2024 22:06

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BK4

Tgt Ion:164 Resp: 103768

Ion	Ratio	Lower	Upper
164	100		
129	92.1	70.8	131.4
131	87.1	64.8	120.3
166	127.6	91.1	169.1

