

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061923\
 Data File : VU054604.D
 Acq On : 19 Jun 2023 18:21
 Operator : MD/SY
 Sample : 03232-08DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 20 05:53:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 17 06:10:25 2023
 Response via : Initial Calibration

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

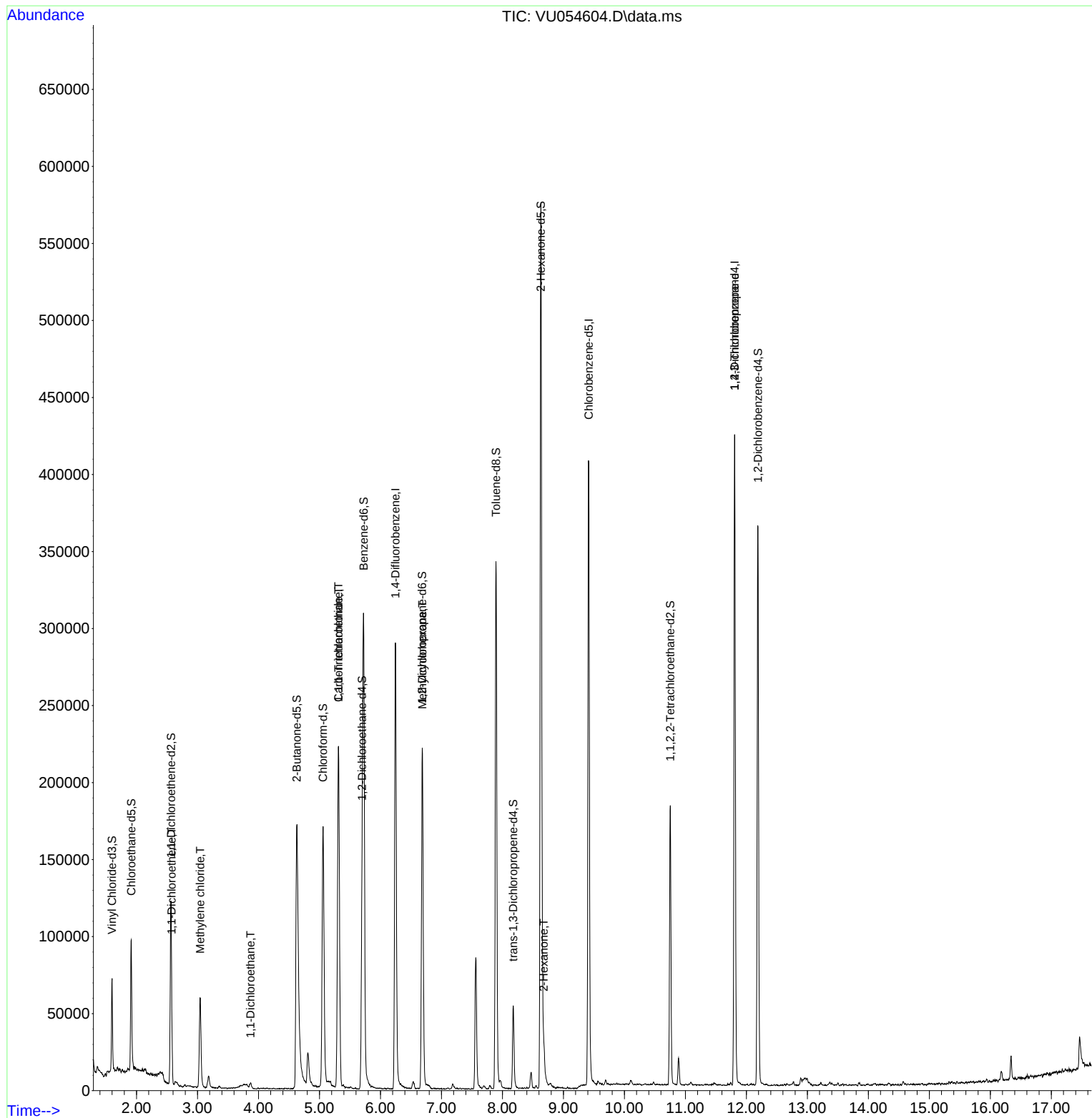
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	238090	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	234195	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	116896	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	45531	3.005	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.000%
7) Chloroethane-d5	1.914	69	66079	4.658	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.567	65	22611	3.341	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.800%
20) 2-Butanone-d5	4.628	46	281580	66.096	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.200%#
24) Chloroform-d	5.058	84	161958	5.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.698	65	86411	5.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.000%
32) Benzene-d6	5.724	84	296094	4.548	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.685	67	109599	5.041	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.894	98	237718	4.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	8.177	79	32630	4.316	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.631	63	201228	63.441	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.880%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	91610	5.650	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	98037	4.972	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	2663	0.154	ug/L #	1
16) Methylene chloride	3.046	84	29122	1.199	ug/L	94
19) 1,1-Dichloroethane	3.869	63	4890	0.133	ug/L	90
29) 1,1,1-Trichloroethane	5.312	97	164364	5.176	ug/L	98
31) Carbon tetrachloride	5.312	117	21482	0.785	ug/L	97
35) Methylcyclohexane	6.689	83	25894	0.770	ug/L #	17
48) 2-Hexanone	8.676	43	6879	0.760	ug/L	97
61) 1,2,3-Trichloropropane	11.807	75	14046	1.189	ug/L #	68

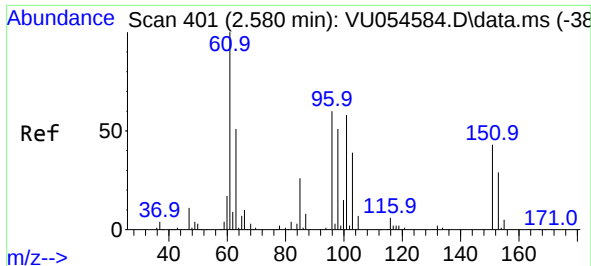
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 17 06:10:25 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.154 ug/L

RT: 2.576 min Scan# 401

Delta R.T. -0.003 min

Lab File: VU054604.D

Acq: 19 Jun 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

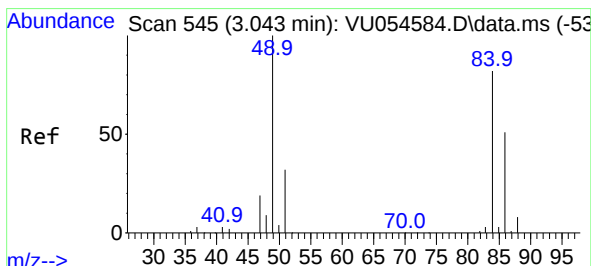
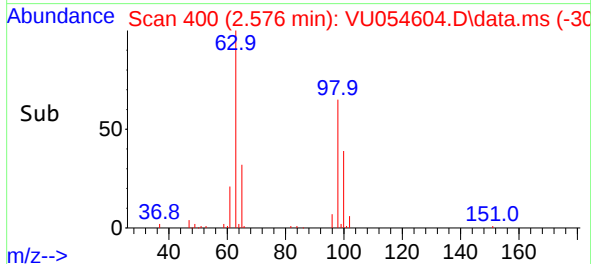
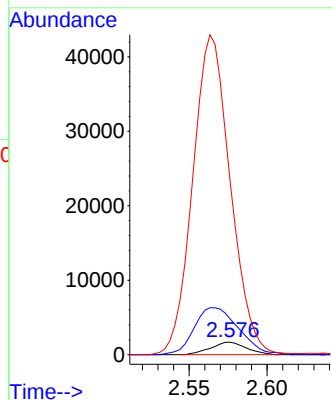
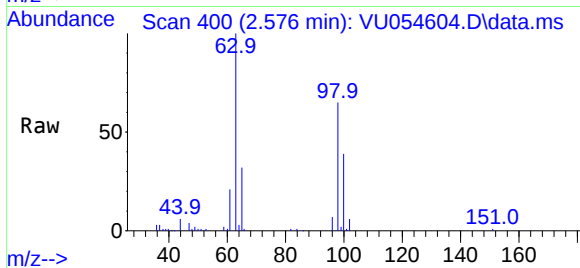
Tgt Ion: 96 Resp: 2663

Ion Ratio Lower Upper

96 100

61 285.9 119.9 222.7#

63 1384.7 64.3 119.3#



#16

Methylene chloride

Concen: 1.199 ug/L

RT: 3.046 min Scan# 546

Delta R.T. 0.003 min

Lab File: VU054604.D

Acq: 19 Jun 2023 18:21

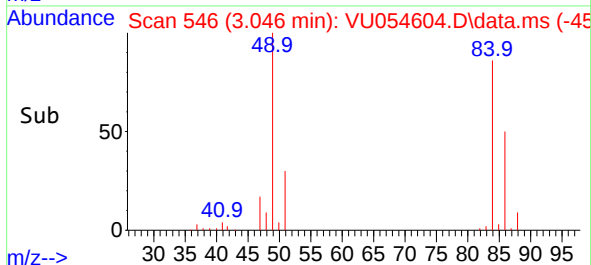
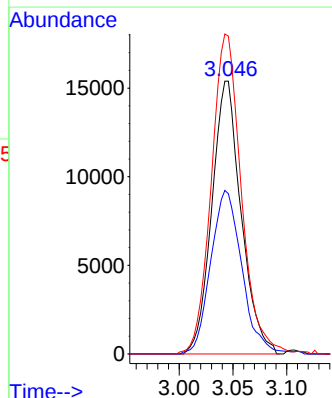
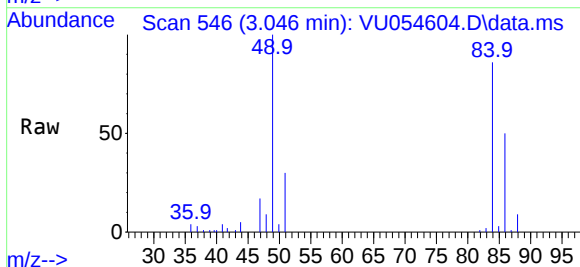
Tgt Ion: 84 Resp: 29122

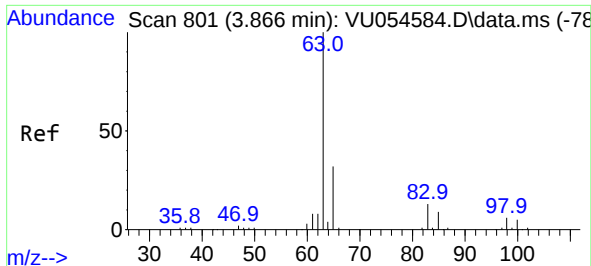
Ion Ratio Lower Upper

84 100

86 58.7 43.9 81.5

49 116.4 86.1 159.9





#19

1,1-Dichloroethane

Concen: 0.133 ug/L

RT: 3.869 min Scan# 801

Delta R.T. 0.003 min

Lab File: VU054604.D

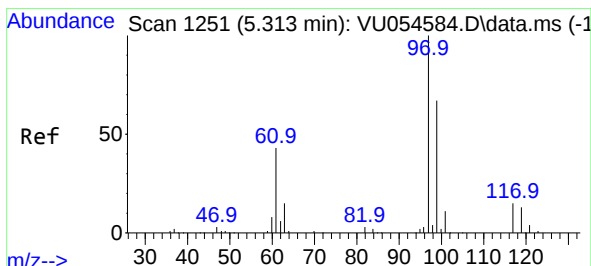
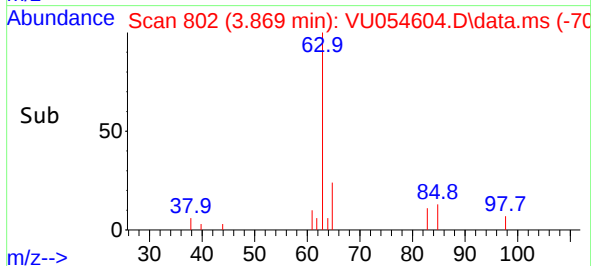
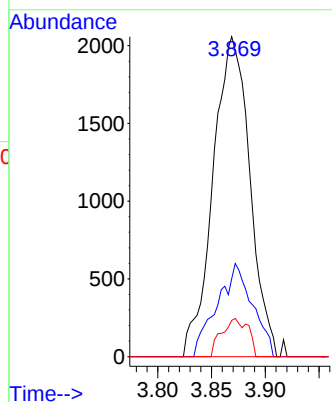
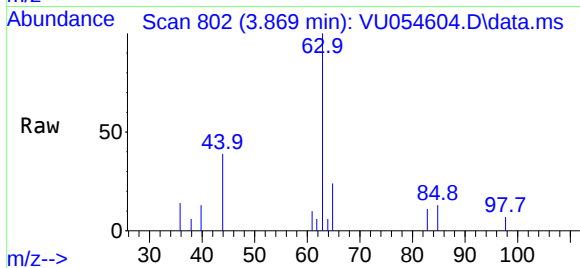
Acq: 19 Jun 2023 18:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 4890
Ion Ratio	Lower Upper
63 100	
65 24.4	22.2 41.2
83 11.3	9.0 16.6



#29

1,1,1-Trichloroethane

Concen: 5.176 ug/L

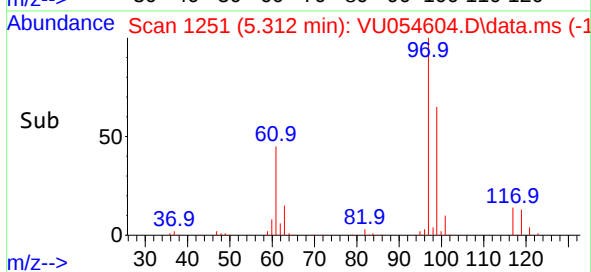
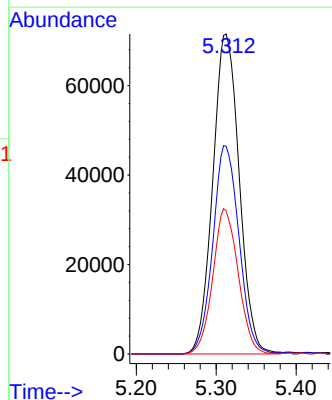
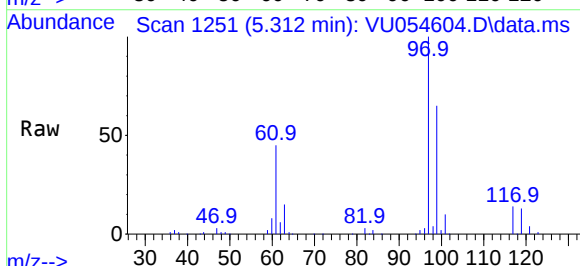
RT: 5.312 min Scan# 1251

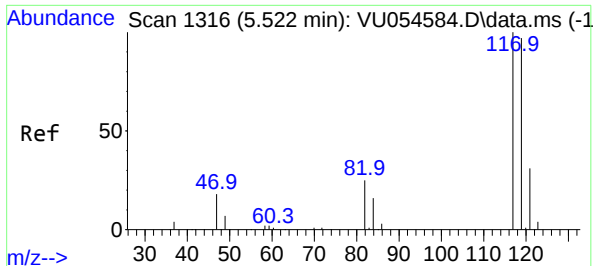
Delta R.T. -0.000 min

Lab File: VU054604.D

Acq: 19 Jun 2023 18:21

Tgt Ion: 97	Resp: 164364
Ion Ratio	Lower Upper
97 100	
99 64.4	50.8 76.2
61 43.6	36.1 54.1

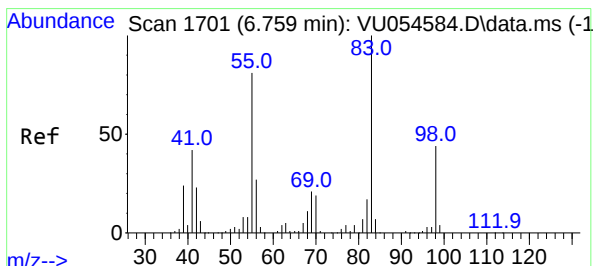
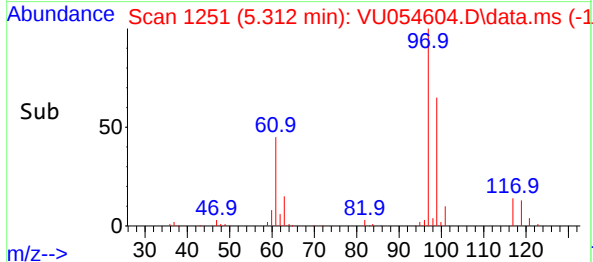
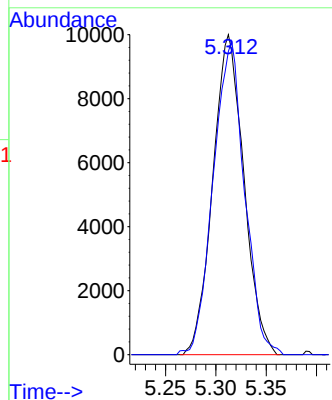
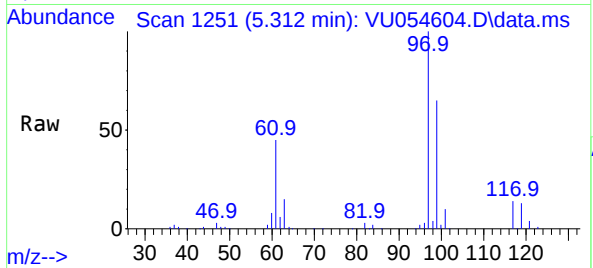




#31
Carbon tetrachloride
Concen: 0.785 ug/L
RT: 5.312 min Scan# 11
Delta R.T. -0.209 min
Lab File: VU054604.D
Acq: 19 Jun 2023 18:21

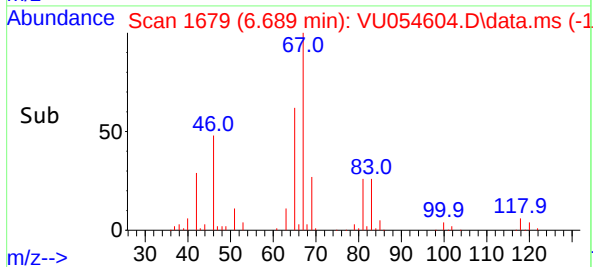
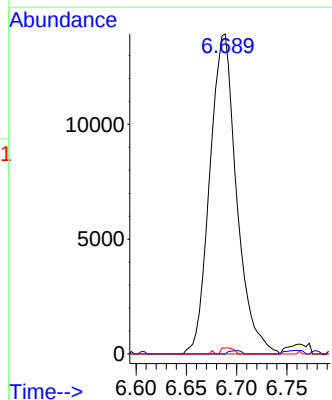
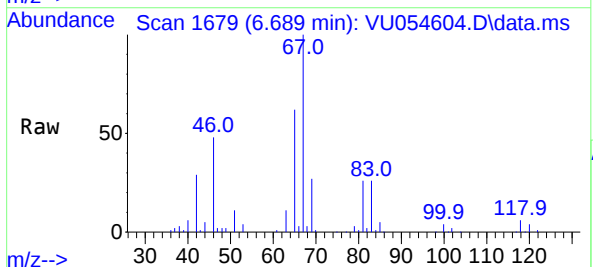
Instrument :
MSVOA_U
ClientSampleId :

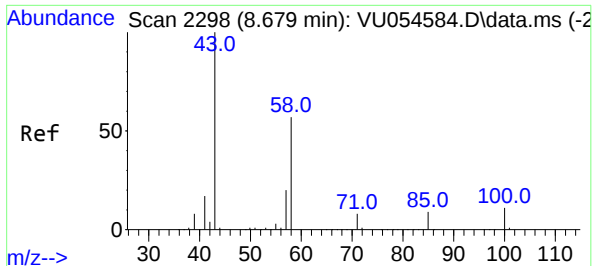
Tgt Ion:117 Resp: 21482
Ion Ratio Lower Upper
117 100
119 98.5 76.8 115.2



#35
Methylcyclohexane
Concen: 0.770 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU054604.D
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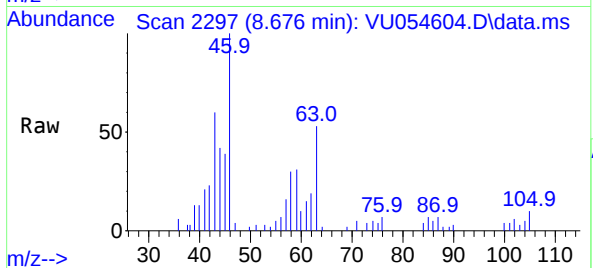
Tgt Ion: 83 Resp: 25894
Ion Ratio Lower Upper
83 100
55 0.5 67.1 100.7#
98 0.9 35.1 52.7#





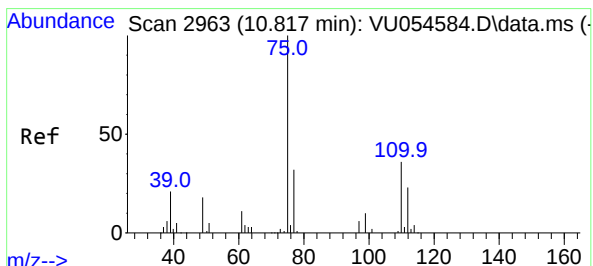
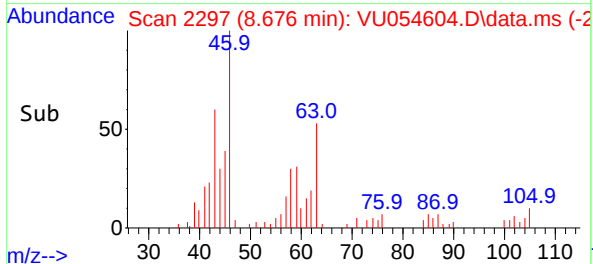
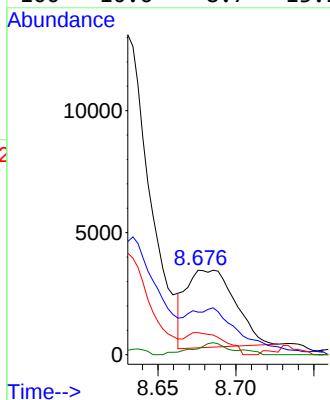
#48
2-Hexanone
Concen: 0.760 ug/L
RT: 8.676 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054604.D
Acq: 19 Jun 2023 18:21

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 6879

Ion	Ratio	Lower	Upper
43	100		
58	57.5	45.2	67.8
57	23.2	15.8	23.6
100	10.6	8.7	13.1



#61
1,2,3-Trichloropropane
Concen: 1.189 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU054604.D
Acq: 19 Jun 2023 18:21

Tgt Ion: 75 Resp: 14046

Ion	Ratio	Lower	Upper
75	100		
110	1.2	28.0	42.0#
77	33.7	25.4	38.2

