

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111023\
 Data File : VU056164.D
 Acq On : 10 Nov 2023 12:04
 Operator : MD/SY
 Sample : 05339-18DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 10 22:19:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 10 22:17:51 2023
 Response via : Initial Calibration

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

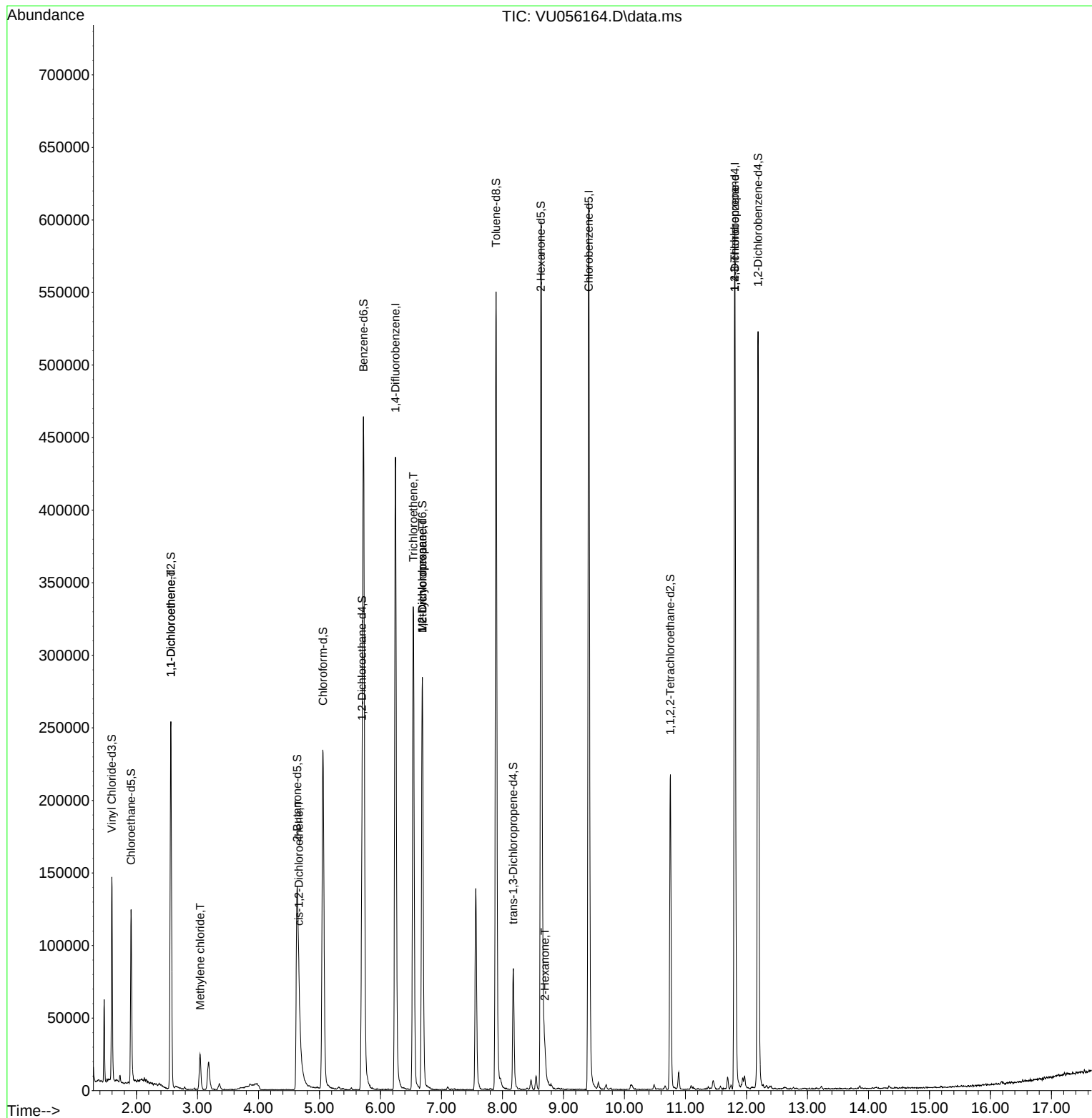
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	373933	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	378801	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	169925	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	102774	4.428	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.911	69	91474	5.807	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.200%
11) 1,1-Dichloroethene-d2	2.563	65	47035	4.600	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.000%
20) 2-Butanone-d5	4.634	46	273372	71.794	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	143.580%#
24) Chloroform-d	5.055	84	230262	5.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.200%
26) 1,2-Dichloroethane-d4	5.698	65	110624	5.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.800%
32) Benzene-d6	5.721	84	464118	5.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	6.685	67	144869	5.409	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.200%
41) Toluene-d8	7.894	98	391559	4.697	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.177	79	52153	5.095	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.800%
46) 2-Hexanone-d5	8.631	63	220265	65.648	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.300%#
56) 1,1,2,2-Tetrachloroeth...	10.750	84	112151	5.867	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	146551	5.593	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.800%
Target Compounds						
12) 1,1-Dichloroethene	2.563	96	2690	0.112	ug/L #	1
16) Methylene chloride	3.043	84	13305	0.483	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	5263	0.191	ug/L	94
34) Trichloroethene	6.538	95	120945	4.082	ug/L	96
35) Methylcyclohexane	6.685	83	34258	0.778	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	15011	0.532	ug/L #	88
48) 2-Hexanone	8.695	43	13149	1.464	ug/L #	48
61) 1,2,3-Trichloropropane	11.807	75	20255	1.381	ug/L #	67

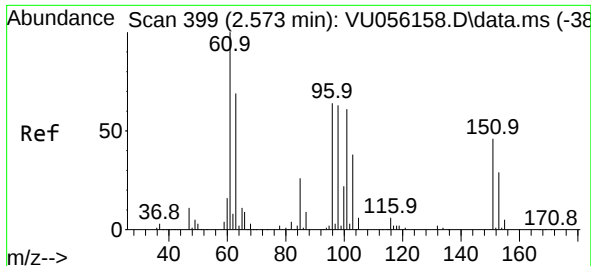
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 10 22:17:51 2023
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#12

1,1-Dichloroethene

Concen: 0.112 ug/L

RT: 2.563 min Scan# 399

Delta R.T. -0.010 min

Lab File: VU056164.D

Acq: 10 Nov 2023 12:04

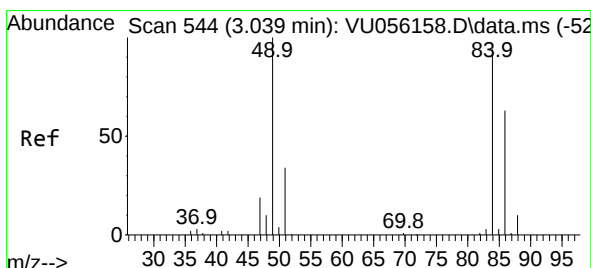
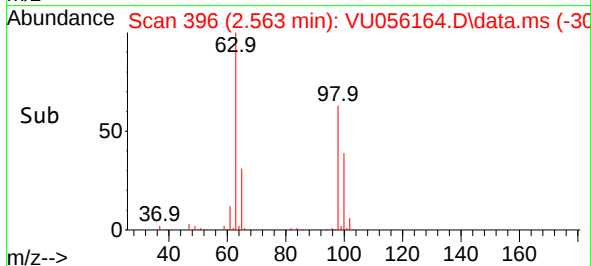
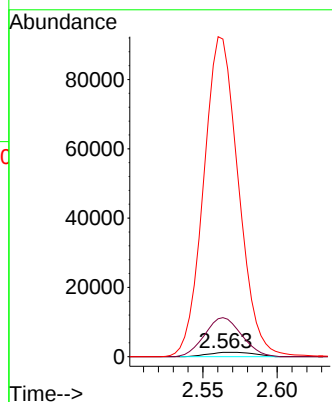
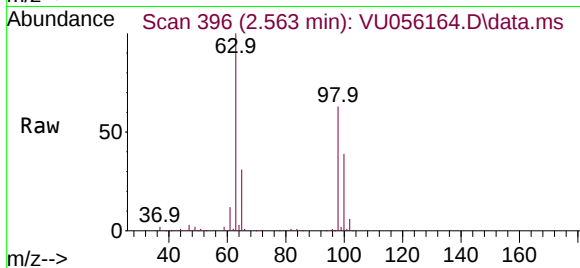
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 2690

Ion	Ratio	Lower	Upper
96	100		
61	907.4	111.7	207.5#
63	7373.1	74.5	138.3#



#16

Methylene chloride

Concen: 0.483 ug/L

RT: 3.043 min Scan# 545

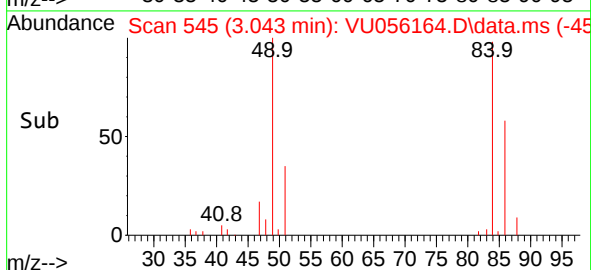
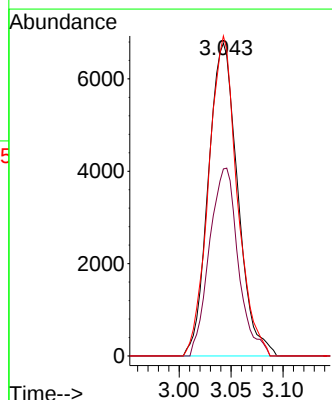
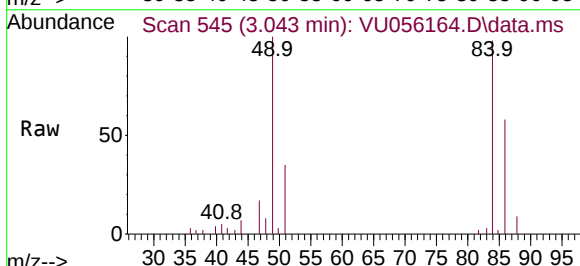
Delta R.T. 0.003 min

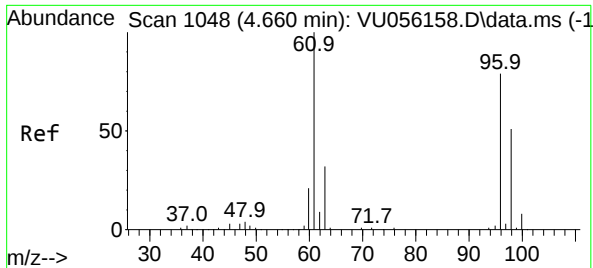
Lab File: VU056164.D

Acq: 10 Nov 2023 12:04

Tgt Ion: 84 Resp: 13305

Ion	Ratio	Lower	Upper
84	100		
86	59.8	44.9	83.5
49	105.5	75.0	139.4

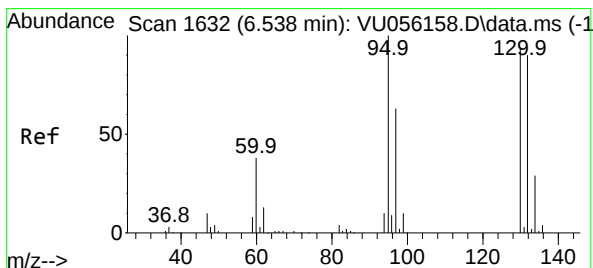
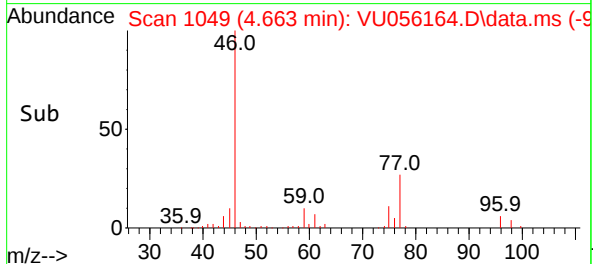
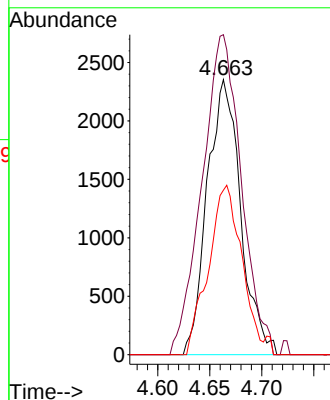
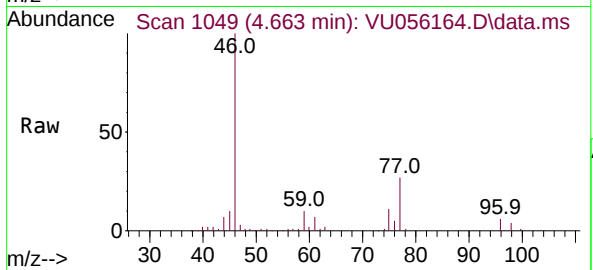




#22
 cis-1,2-Dichloroethene
 Concen: 0.191 ug/L
 RT: 4.663 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU056164.D
 Acq: 10 Nov 2023 12:04

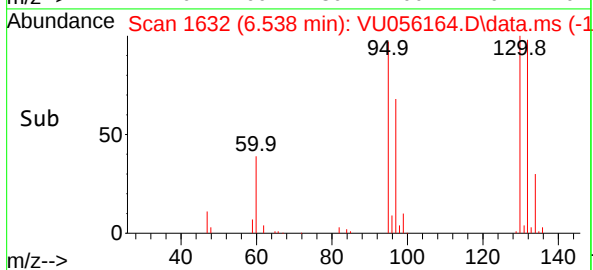
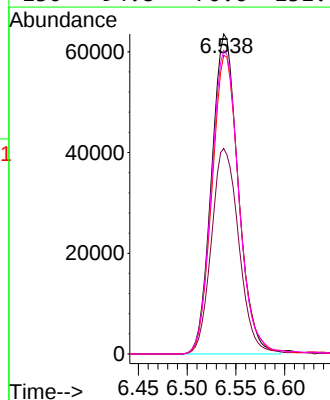
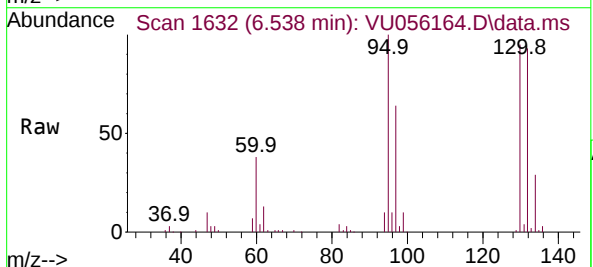
Instrument :
 MSVOA_U
 ClientSampleId :

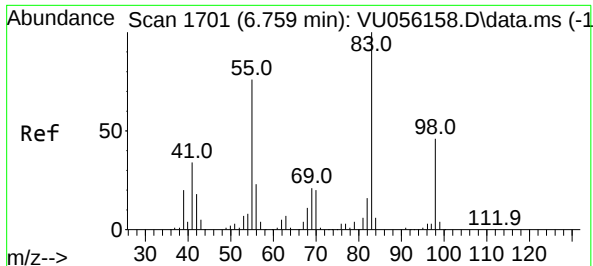
Tgt Ion: 96 Resp: 5263
 Ion Ratio Lower Upper
 96 100
 61 116.4 87.8 163.2
 98 59.8 43.5 80.7



#34
 Trichloroethene
 Concen: 4.082 ug/L
 RT: 6.538 min Scan# 1632
 Delta R.T. -0.000 min
 Lab File: VU056164.D
 Acq: 10 Nov 2023 12:04

Tgt Ion: 95 Resp: 120945
 Ion Ratio Lower Upper
 95 100
 97 64.2 46.8 87.0
 132 93.3 66.5 123.5
 130 94.8 70.6 131.0





#35

Methylcyclohexane

Concen: 0.778 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056164.D

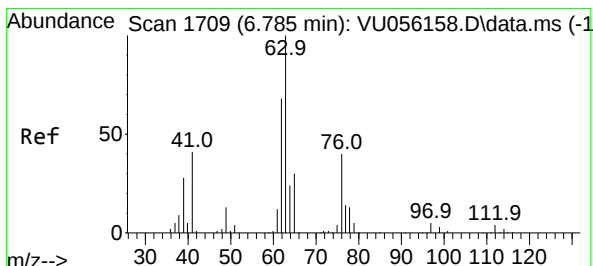
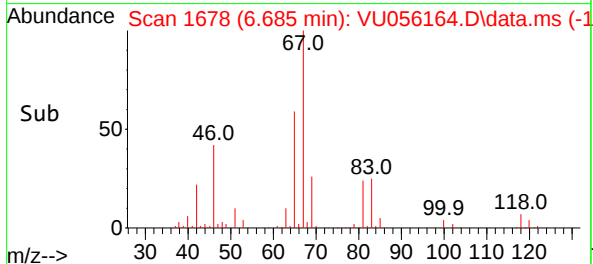
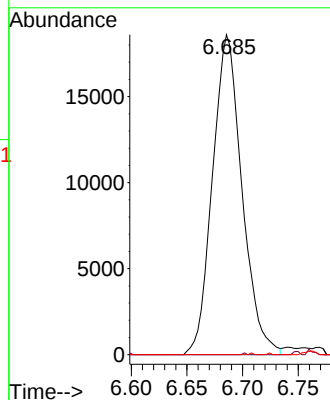
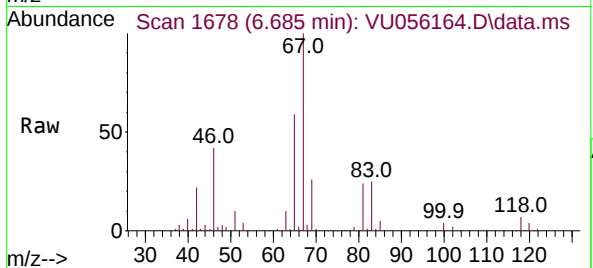
Acq: 10 Nov 2023 12:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 34258
Ion Ratio	Lower Upper
83	100
55	0.1 60.6 91.0#
98	0.0 36.2 54.4#



#37

1,2-Dichloropropane

Concen: 0.532 ug/L

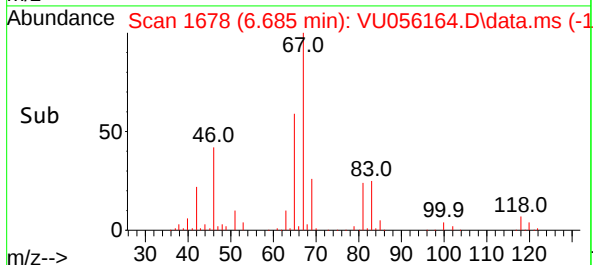
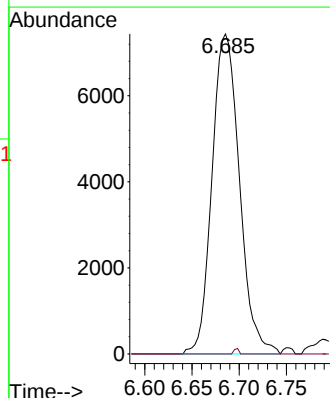
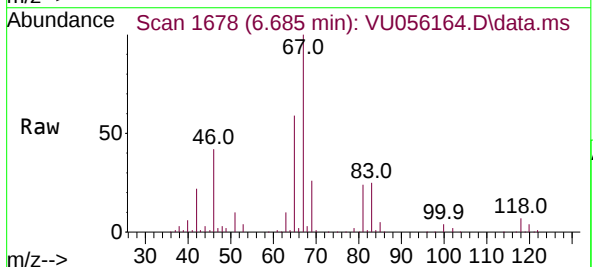
RT: 6.685 min Scan# 1678

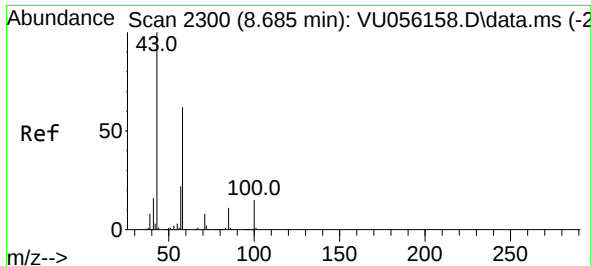
Delta R.T. -0.100 min

Lab File: VU056164.D

Acq: 10 Nov 2023 12:04

Tgt Ion: 63	Resp: 15011
Ion Ratio	Lower Upper
63	100
112	0.3 3.4 5.2#

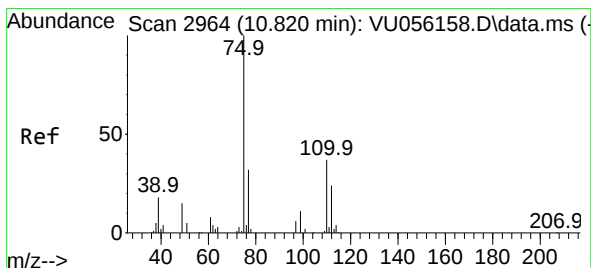
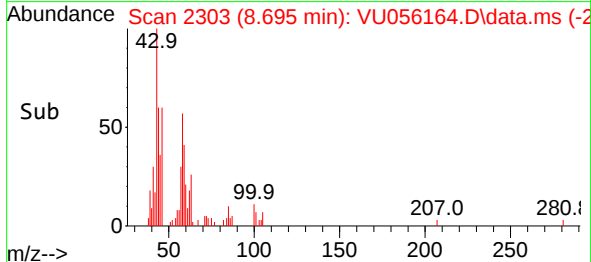
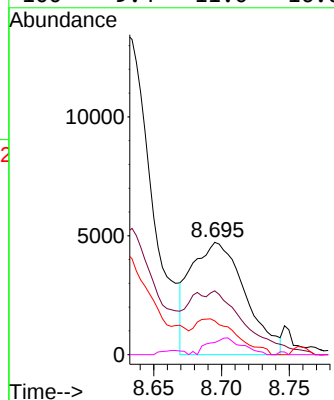
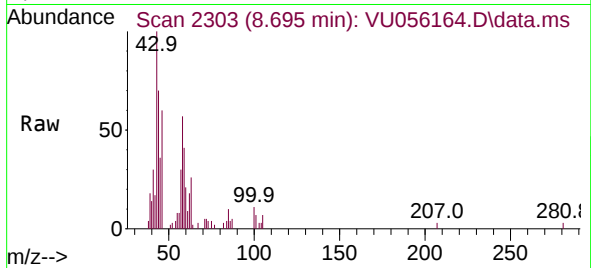




#48
2-Hexanone
Concen: 1.464 ug/L
RT: 8.695 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU056164.D
Acq: 10 Nov 2023 12:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43	Resp: 13149
Ion Ratio	Lower Upper
43 100	
58 4.6	52.0 78.0#
57 24.4	17.4 26.2
100 9.4	11.0 16.6#



#61
1,2,3-Trichloropropane
Concen: 1.381 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.987 min
Lab File: VU056164.D
Acq: 10 Nov 2023 12:04

Tgt Ion: 75	Resp: 20255
Ion Ratio	Lower Upper
75 100	
110 1.1	29.7 44.5#
77 31.4	25.5 38.3

