

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041624\
 Data File : VU058706.D
 Acq On : 16 Apr 2024 11:23
 Operator : MD/SY
 Sample : P2058-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 17 01:10:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 17 01:09:43 2024
 Response via : Initial Calibration

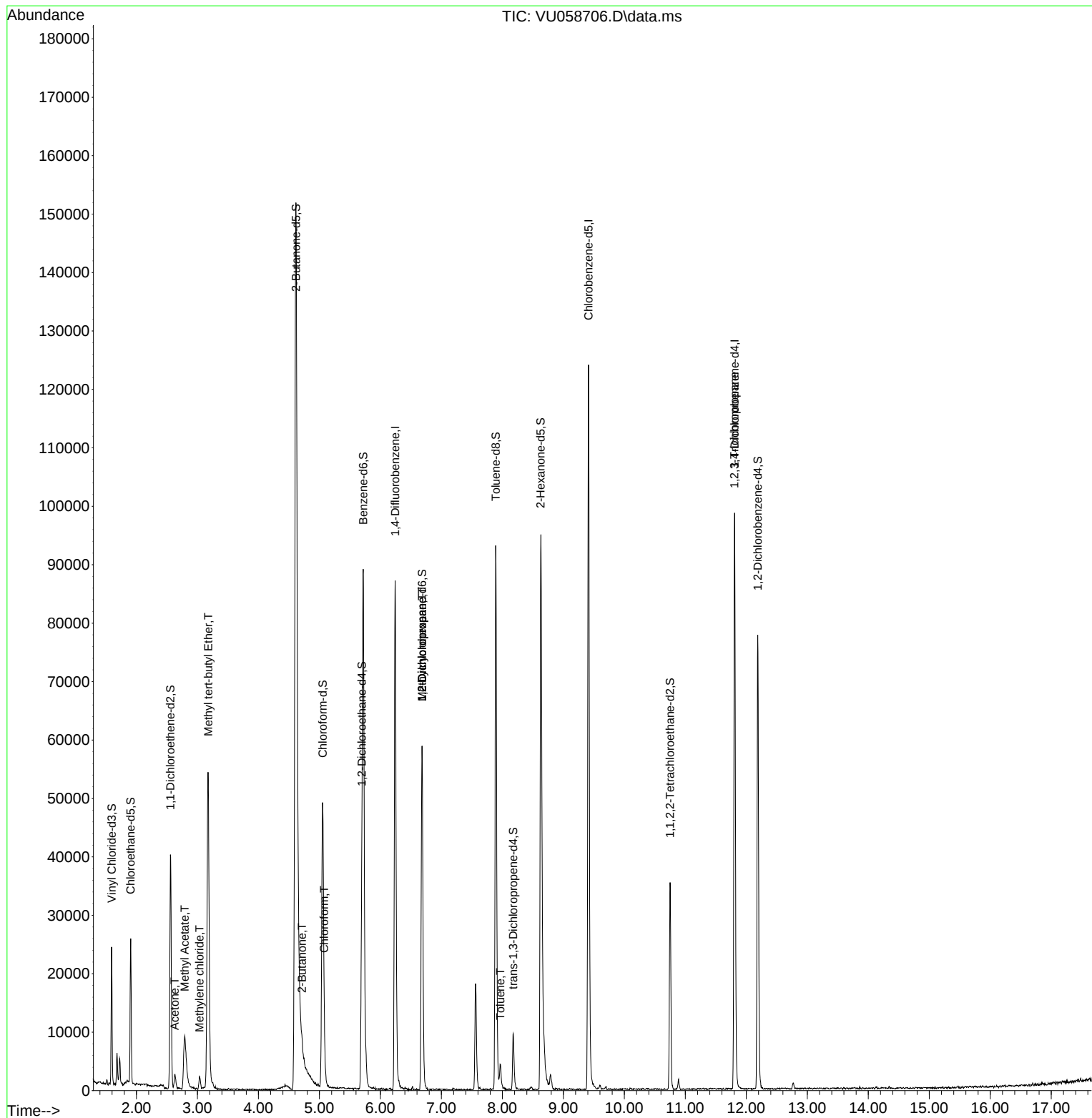
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	66633	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	65925	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	25581	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15608	3.538	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.904	69	16506	4.305	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.557	65	7867	3.940	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	4.618	46	55198	59.373	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.740%
24) Chloroform-d	5.052	84	44858	5.094	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
26) 1,2-Dichloroethane-d4	5.695	65	21888	5.326	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.718	84	79394	4.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	6.682	67	27819	4.998	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.891	98	61617	3.915	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	8.177	79	6302	3.647	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.627	63	29316	41.138	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.280%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	18609	4.736	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	20219	4.693	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
13) Acetone	2.628	43	3767	4.747	ug/L	89
15) Methyl Acetate	2.792	43	4996	2.668	ug/L #	55
16) Methylene chloride	3.033	84	1032	0.165	ug/L	90
17) Methyl tert-butyl Ether	3.178	73	1690	0.152	ug/L #	1
21) 2-Butanone	4.714	43	3486	2.939	ug/L	82
25) Chloroform	5.078	83	3324	0.318	ug/L	93
35) Methylcyclohexane	6.682	83	5888	0.649	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	2965	0.472	ug/L #	90
42) Toluene	7.965	91	3261	0.130	ug/L	92
61) 1,2,3-Trichloropropane	11.804	75	3800	1.456	ug/L #	68

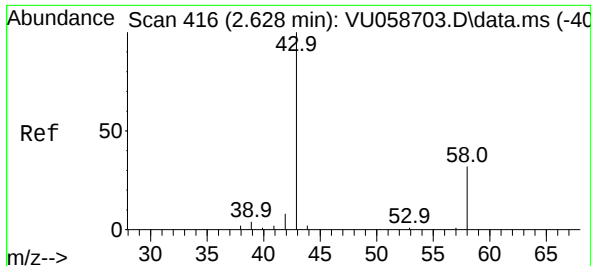
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.747 ug/L

RT: 2.628 min Scan# 416

Delta R.T. 0.000 min

Lab File: VU058706.D

Acq: 16 Apr 2024 11:23

Instrument :

MSVOA_U

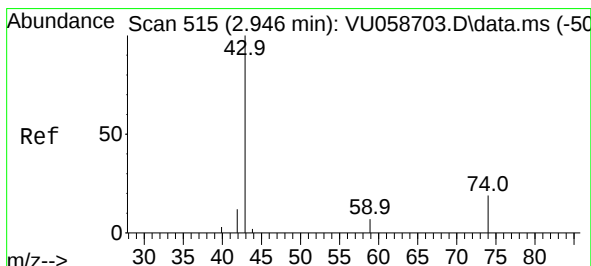
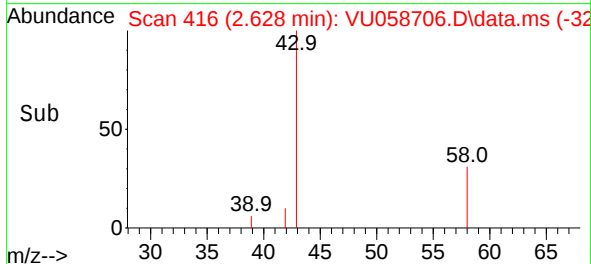
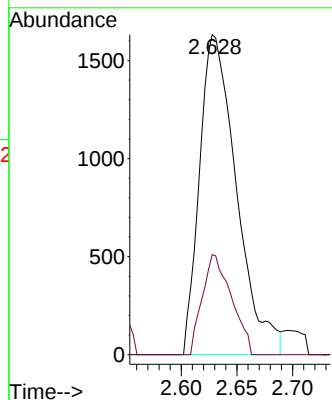
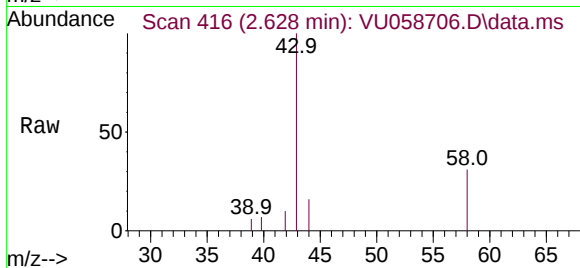
ClientSampleId :

Tgt Ion: 43 Resp: 3767

Ion Ratio Lower Upper

43 100

58 24.6 0.0 61.4



#15

Methyl Acetate

Concen: 2.668 ug/L

RT: 2.792 min Scan# 467

Delta R.T. -0.154 min

Lab File: VU058706.D

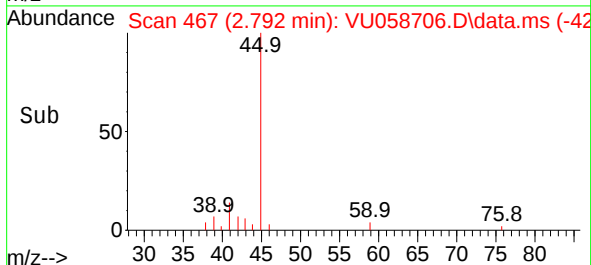
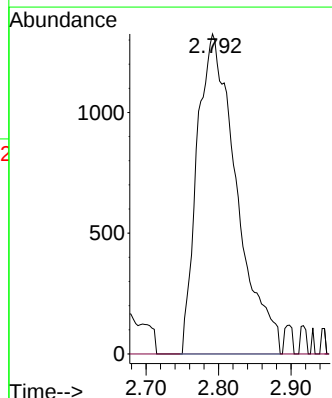
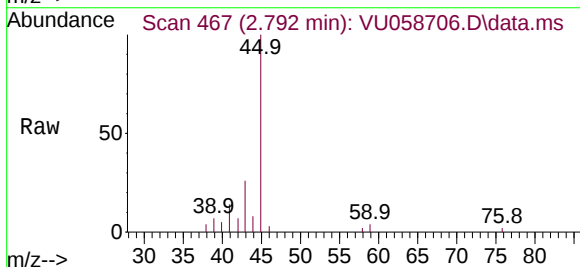
Acq: 16 Apr 2024 11:23

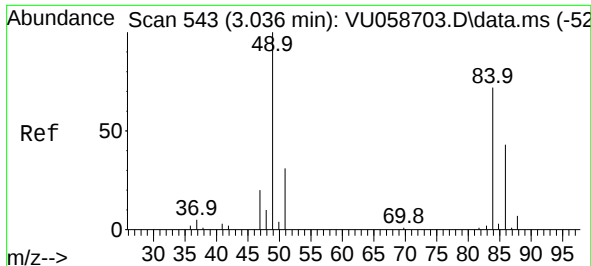
Tgt Ion: 43 Resp: 4996

Ion Ratio Lower Upper

43 100

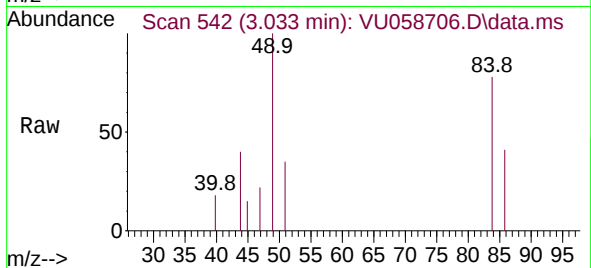
74 0.0 16.6 25.0#





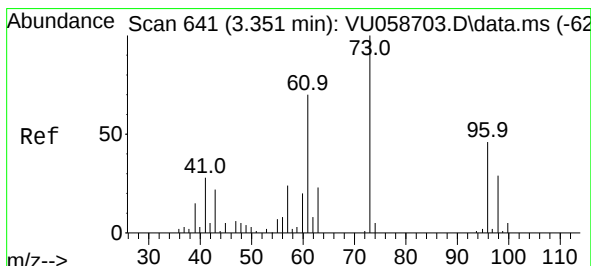
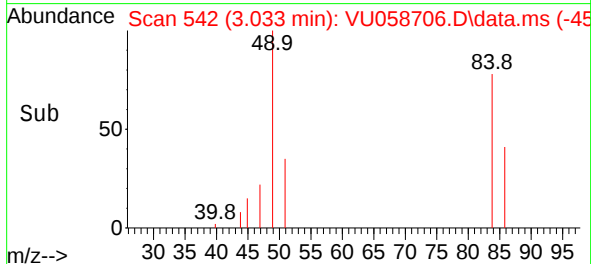
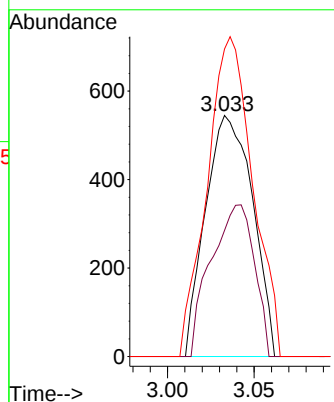
#16
Methylene chloride
Concen: 0.165 ug/L
RT: 3.033 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU058706.D
Acq: 16 Apr 2024 11:23

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 1032

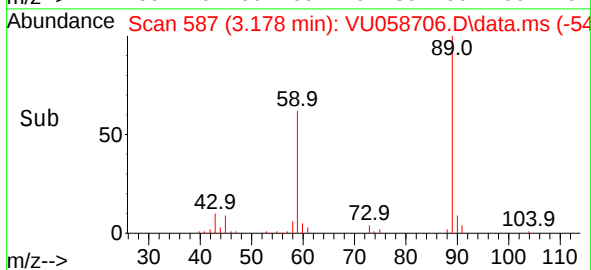
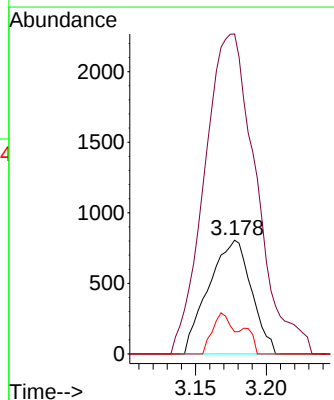
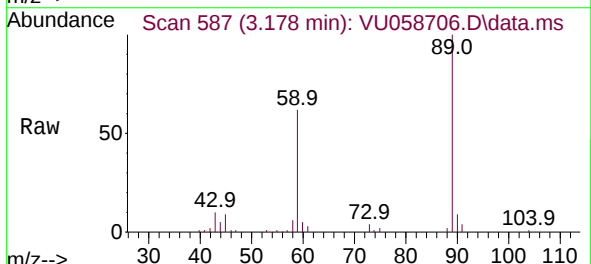
Ion	Ratio	Lower	Upper
84	100		
86	52.3	44.3	82.3
49	127.5	96.0	178.2

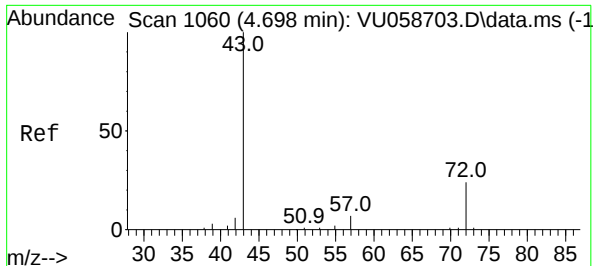


#17
Methyl tert-butyl Ether
Concen: 0.152 ug/L
RT: 3.178 min Scan# 587
Delta R.T. -0.173 min
Lab File: VU058706.D
Acq: 16 Apr 2024 11:23

Tgt Ion: 73 Resp: 1690

Ion	Ratio	Lower	Upper
73	100		
43	340.7	17.4	26.2#
57	17.9	18.6	27.8#

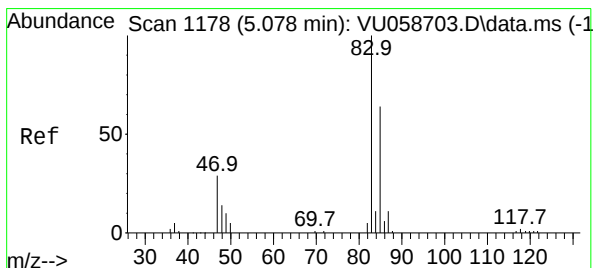
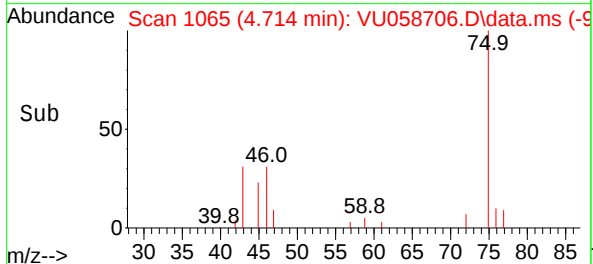
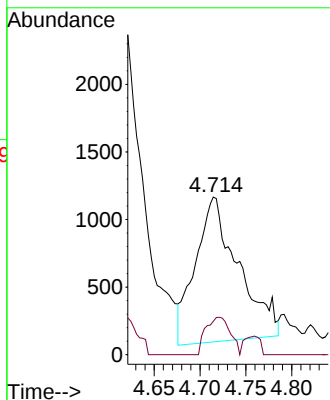
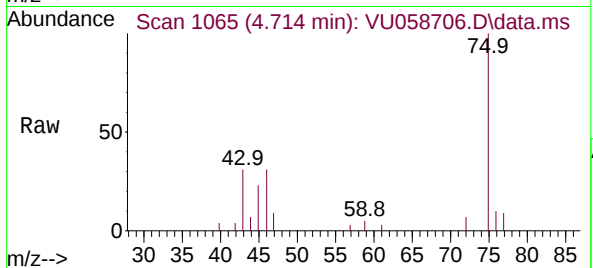




#21
2-Butanone
Concen: 2.939 ug/L
RT: 4.714 min Scan# 1106
Delta R.T. 0.016 min
Lab File: VU058706.D
Acq: 16 Apr 2024 11:23

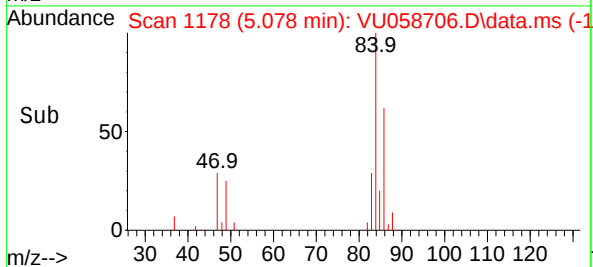
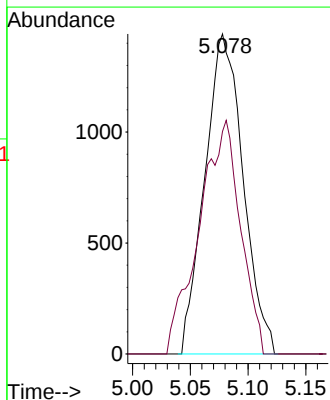
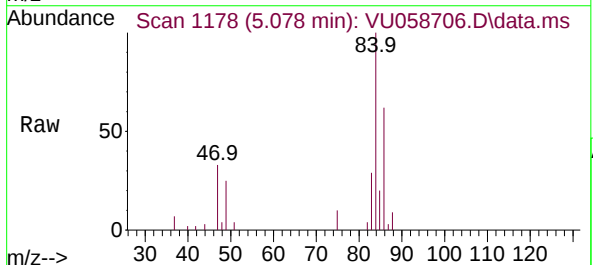
Instrument :
MSVOA_U
ClientSampleId :

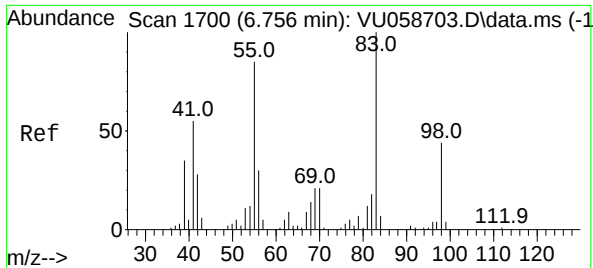
Tgt Ion: 43 Resp: 3486
Ion Ratio Lower Upper
43 100
72 14.7 11.7 35.0



#25
Chloroform
Concen: 0.318 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VU058706.D
Acq: 16 Apr 2024 11:23

Tgt Ion: 83 Resp: 3324
Ion Ratio Lower Upper
83 100
85 69.6 44.7 83.1





#35

Methylcyclohexane

Concen: 0.649 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058706.D

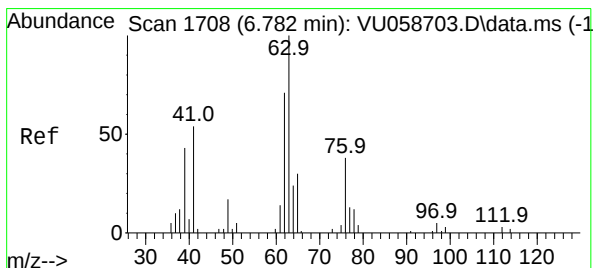
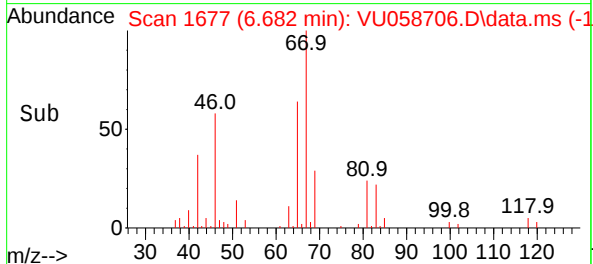
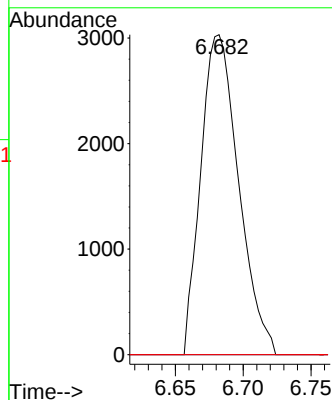
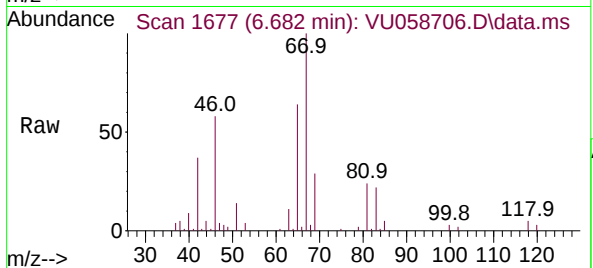
Acq: 16 Apr 2024 11:23

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 5888
Ion Ratio	Lower Upper
83	100
55	0.0 66.2 99.4#
98	0.0 34.6 52.0#



#37

1,2-Dichloropropane

Concen: 0.472 ug/L

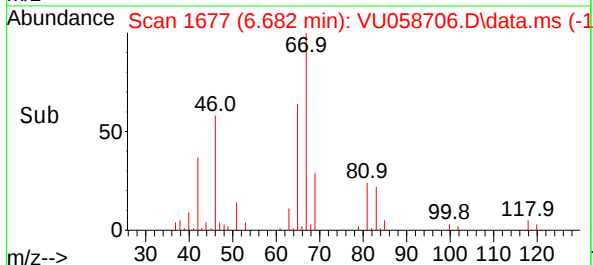
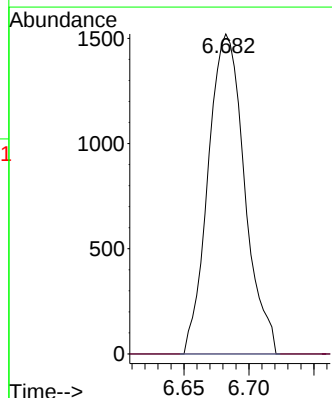
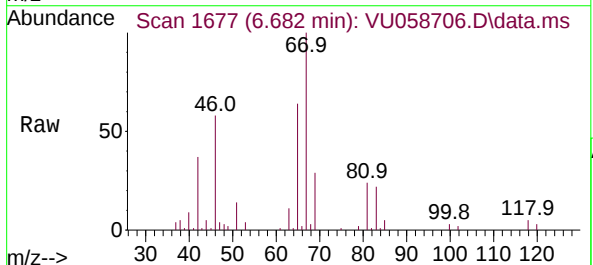
RT: 6.682 min Scan# 1677

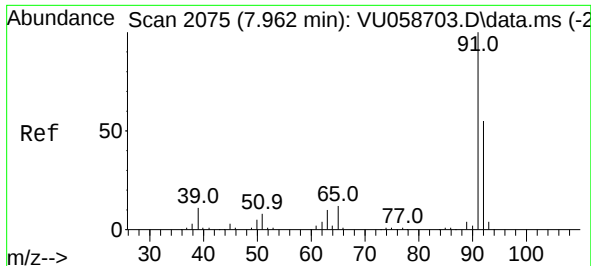
Delta R.T. -0.100 min

Lab File: VU058706.D

Acq: 16 Apr 2024 11:23

Tgt Ion: 63	Resp: 2965
Ion Ratio	Lower Upper
63	100
112	0.0 2.6 4.0#





#42

Toluene

Concen: 0.130 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU058706.D

Acq: 16 Apr 2024 11:23

Instrument :

MSVOA_U

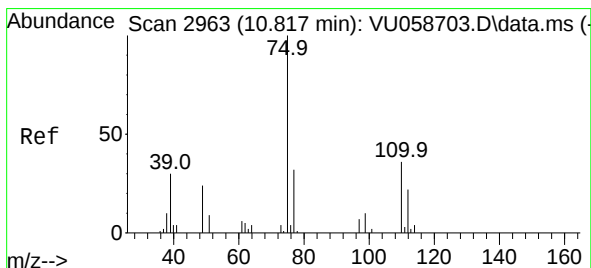
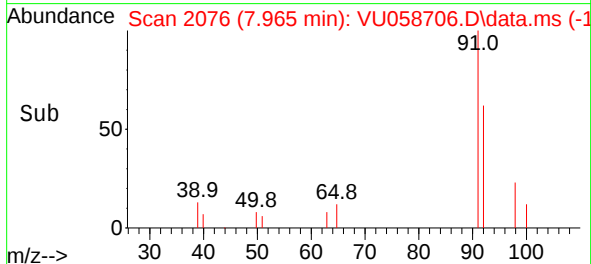
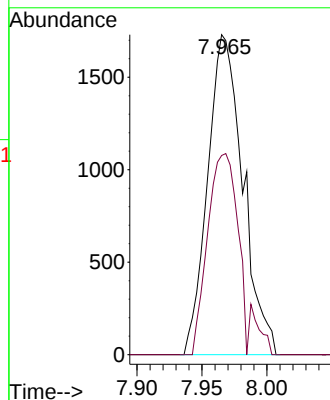
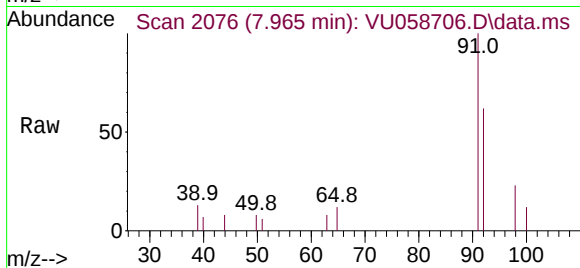
ClientSampleId :

Tgt Ion: 91 Resp: 3261

Ion Ratio Lower Upper

91 100

92 62.3 39.5 73.3



#61

1,2,3-Trichloropropane

Concen: 1.456 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU058706.D

Acq: 16 Apr 2024 11:23

Tgt Ion: 75 Resp: 3800

Ion Ratio Lower Upper

75 100

110 0.0 25.8 38.6

77 28.2 25.1 37.7

