

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070323\
 Data File : VU054753.D
 Acq On : 03 Jul 2023 16:54
 Operator : MD/SY
 Sample : 03505-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A46T2

Quant Time: Jul 05 04:44:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 05 04:39:25 2023
 Response via : Initial Calibration

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

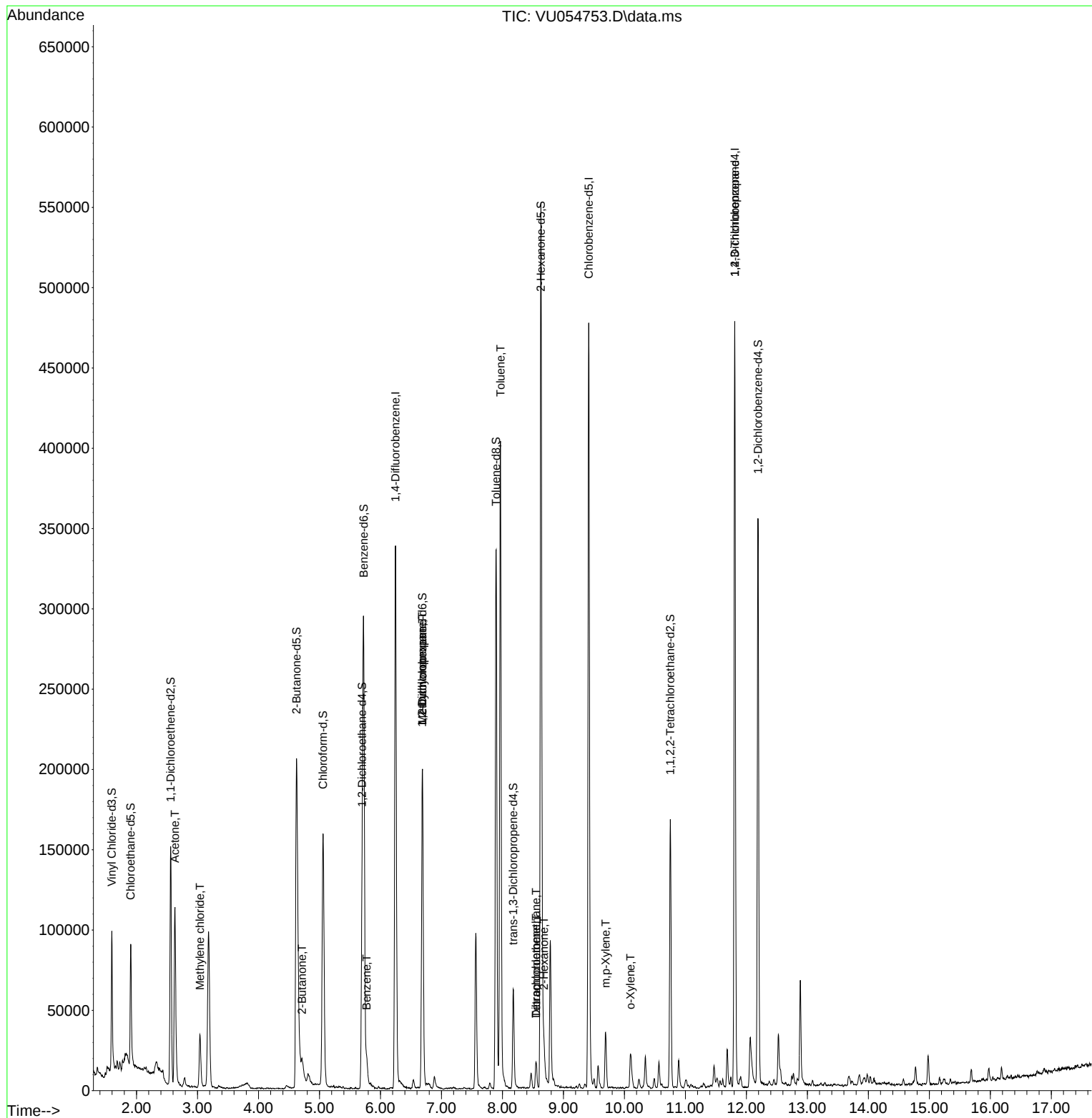
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	265950	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	265779	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	124004	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	67637	3.996	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.904	69	65736	4.148	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.560	65	28141	3.723	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	4.624	46	261056	54.859	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.720%
24) Chloroform-d	5.058	84	146330	4.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	5.698	65	80526	4.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
32) Benzene-d6	5.724	84	271449	3.674	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.400%
36) 1,2-Dichloropropane-d6	6.689	67	98453	3.990	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.800%
41) Toluene-d8	7.894	98	228342	3.482	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.600%#
43) trans-1,3-Dichloroprop...	8.177	79	35784	4.171	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.631	63	179489	49.863	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.720%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	83899	4.560	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	91394	4.370	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						Qvalue
13) Acetone	2.631	43	131230	29.248	ug/L	99
16) Methylene chloride	3.039	84	15511	0.572	ug/L	99
21) 2-Butanone	4.714	43	16985	2.917	ug/L	90
33) Benzene	5.772	78	13890	0.145	ug/L	100
35) Methylcyclohexane	6.689	83	21546	0.564	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	10877	0.421	ug/L #	90
42) Toluene	7.968	91	299894	3.049	ug/L	100
47) Tetrachloroethene	8.553	164	4020	0.208	ug/L	93
48) 2-Hexanone	8.679	43	8429	0.821	ug/L #	90
49) Dibromochloromethane	8.553	129	3862	0.224	ug/L #	11
53) m,p-Xylene	9.692	106	10422	0.264	ug/L	98
54) o-Xylene	10.100	106	4717	0.124	ug/L	86
61) 1,2,3-Trichloropropane	11.810	75	15550	1.241	ug/L #	69

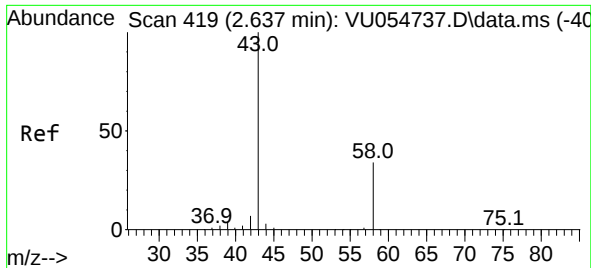
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 29.248 ug/L

RT: 2.631 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU054753.D

Acq: 03 Jul 2023 16:54

Instrument :

MSVOA_U

ClientSampleId :

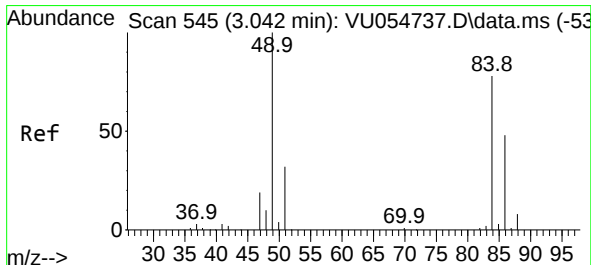
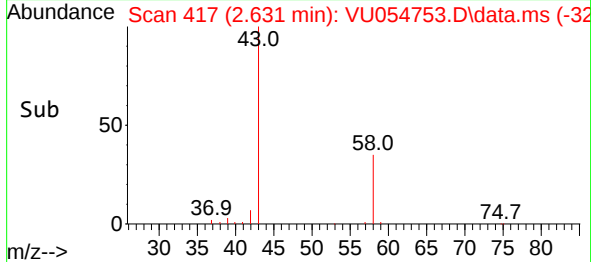
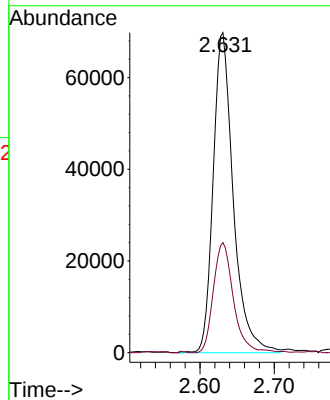
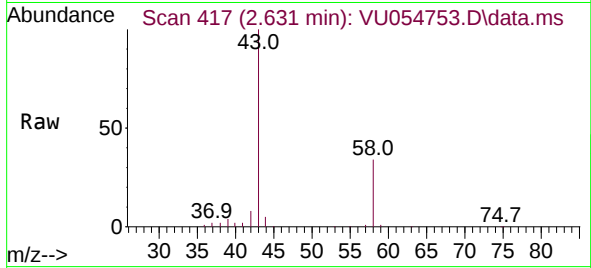
A46T2

Tgt Ion: 43 Resp: 131230

Ion Ratio Lower Upper

43 100

58 34.3 0.0 67.2



#16

Methylene chloride

Concen: 0.572 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.003 min

Lab File: VU054753.D

Acq: 03 Jul 2023 16:54

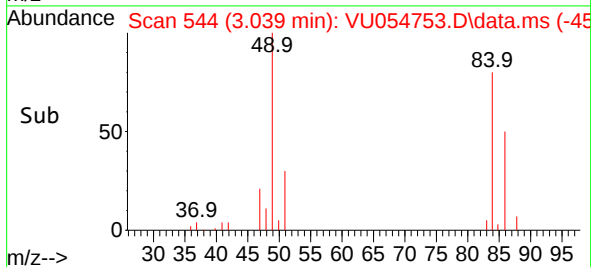
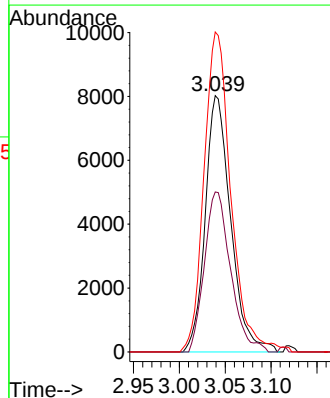
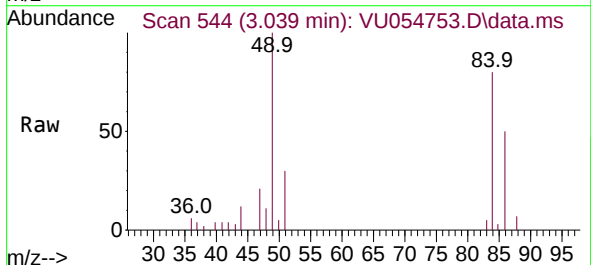
Tgt Ion: 84 Resp: 15511

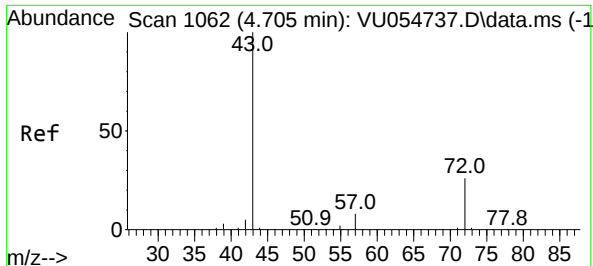
Ion Ratio Lower Upper

84 100

86 62.4 43.9 81.5

49 124.8 86.1 159.9





#21

2-Butanone

Concen: 2.917 ug/L

RT: 4.714 min Scan# 1062

Delta R.T. 0.010 min

Lab File: VU054753.D

Acq: 03 Jul 2023 16:54

Instrument :

MSVOA_U

ClientSampleId :

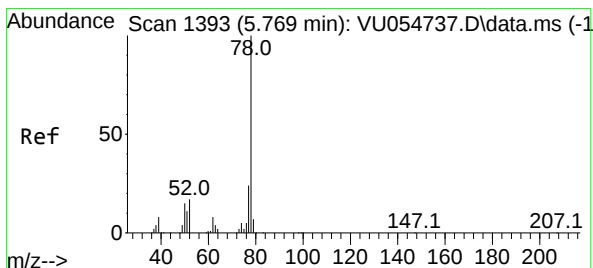
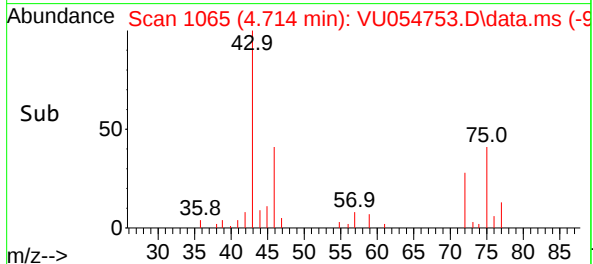
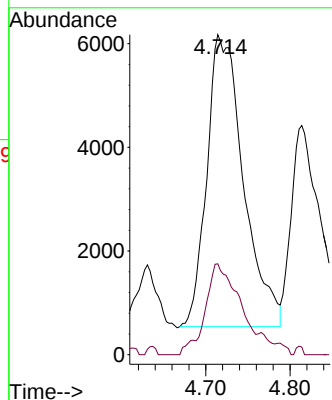
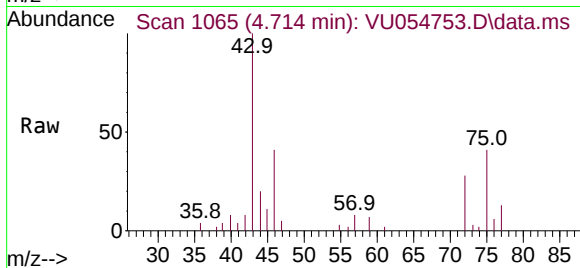
A46T2

Tgt Ion: 43 Resp: 16985

Ion Ratio Lower Upper

43 100

72 32.0 13.4 40.1



#33

Benzene

Concen: 0.145 ug/L

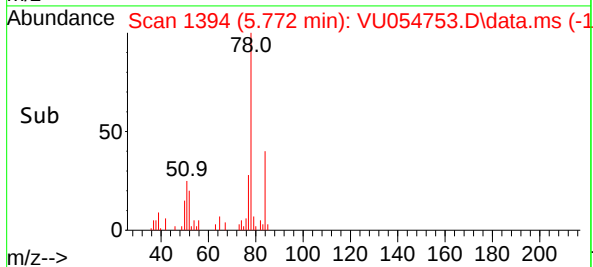
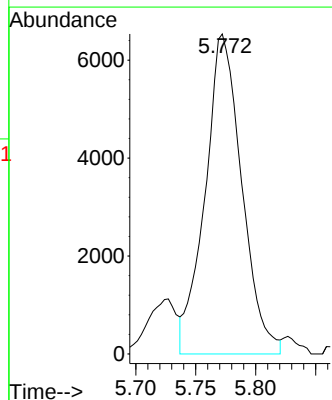
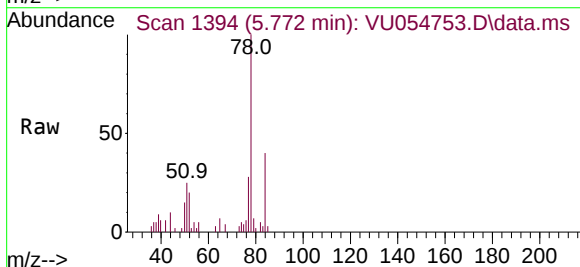
RT: 5.772 min Scan# 1394

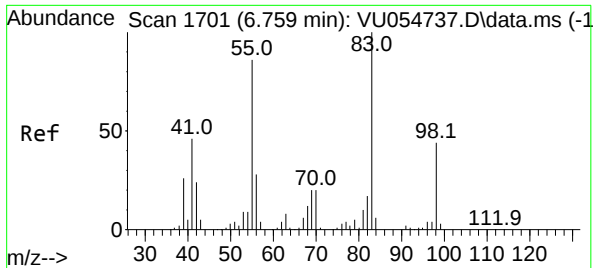
Delta R.T. 0.003 min

Lab File: VU054753.D

Acq: 03 Jul 2023 16:54

Tgt Ion: 78 Resp: 13890

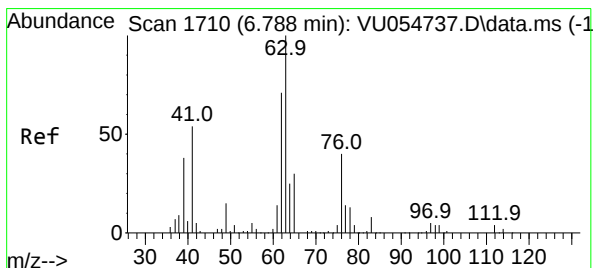
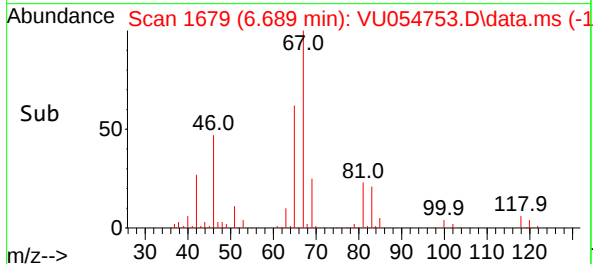
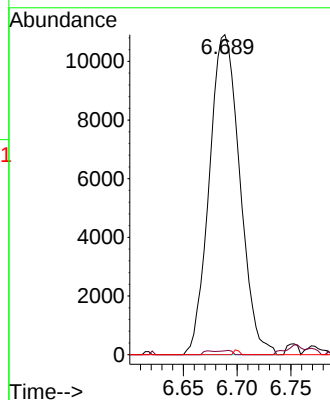
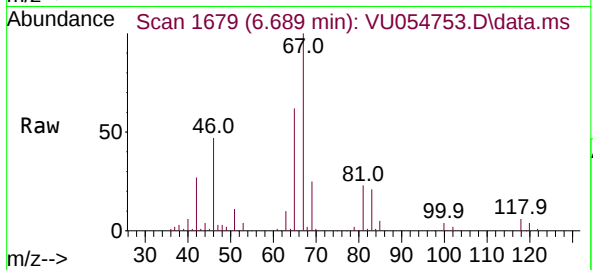




#35
Methylcyclohexane
Concen: 0.564 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU054753.D
Acq: 03 Jul 2023 16:54

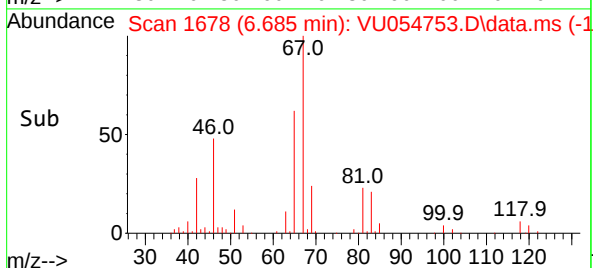
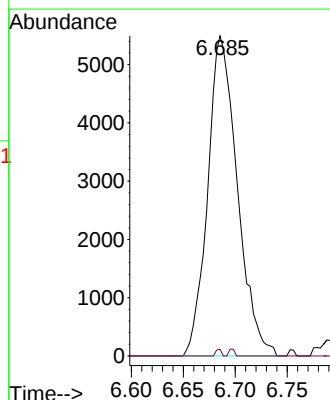
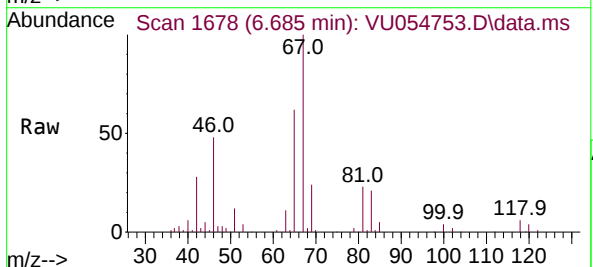
Instrument :
MSVOA_U
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A46T2

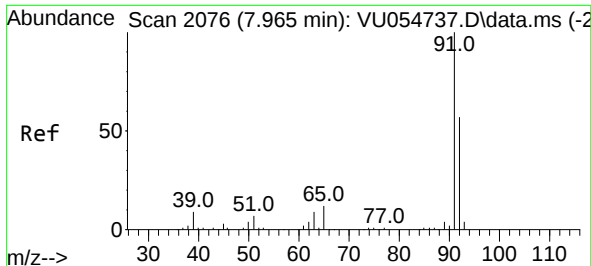
Tgt Ion: 83 Resp: 21546
Ion Ratio Lower Upper
83 100
55 0.5 67.1 100.7#
98 0.3 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.421 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.103 min
Lab File: VU054753.D
Acq: 03 Jul 2023 16:54

Tgt Ion: 63 Resp: 10877
Ion Ratio Lower Upper
63 100
112 0.4 3.0 4.6#





#42

Toluene

Concen: 3.049 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU054753.D

Acq: 03 Jul 2023 16:54

Instrument :

MSVOA_U

ClientSampleId :

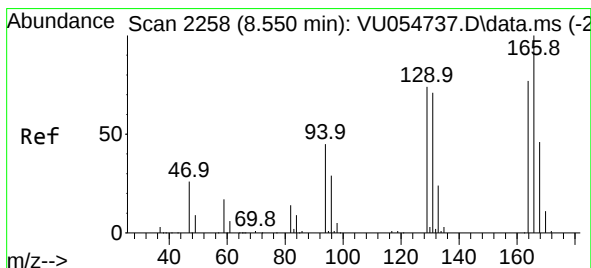
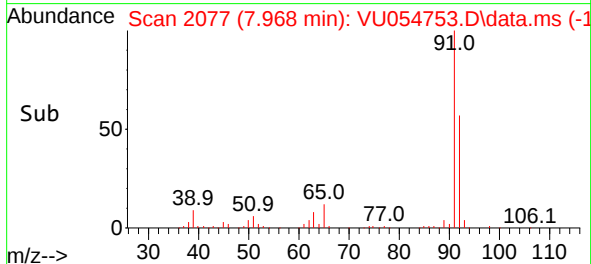
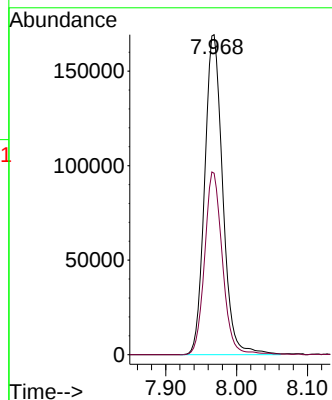
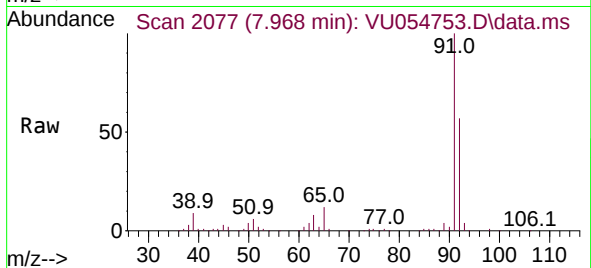
A46T2

Tgt Ion: 91 Resp: 299894

Ion Ratio Lower Upper

91 100

92 56.7 39.5 73.4



#47

Tetrachloroethene

Concen: 0.208 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. 0.003 min

Lab File: VU054753.D

Acq: 03 Jul 2023 16:54

Tgt Ion: 164 Resp: 4020

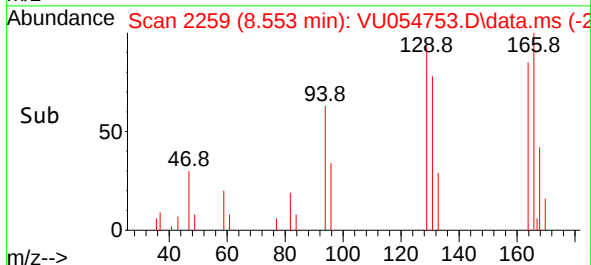
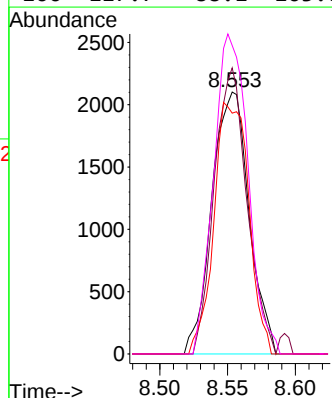
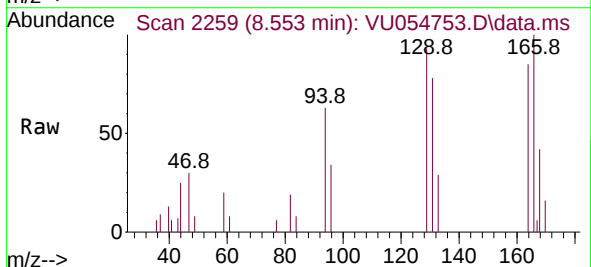
Ion Ratio Lower Upper

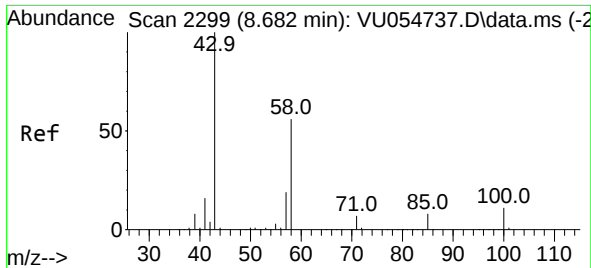
164 100

129 109.2 67.7 125.7

131 91.9 64.6 120.0

166 117.7 88.1 163.7

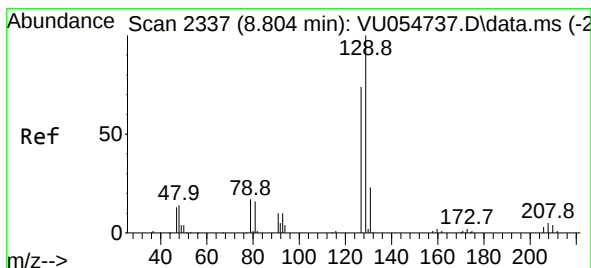
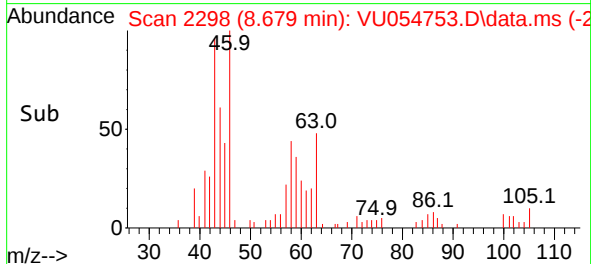
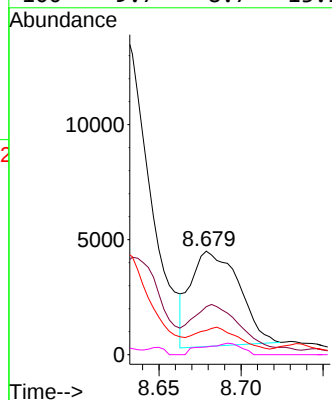
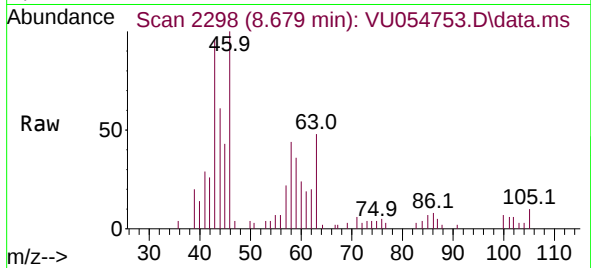




#48
2-Hexanone
Concen: 0.821 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU054753.D
Acq: 03 Jul 2023 16:54

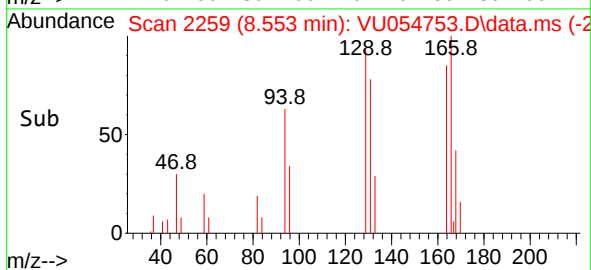
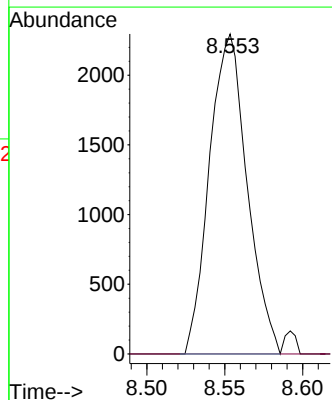
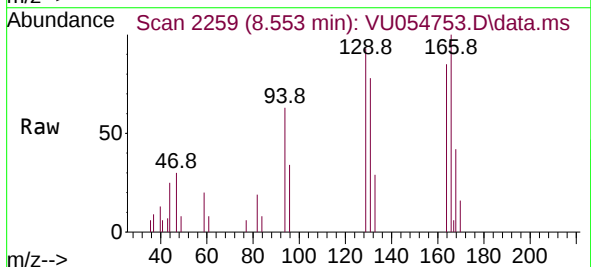
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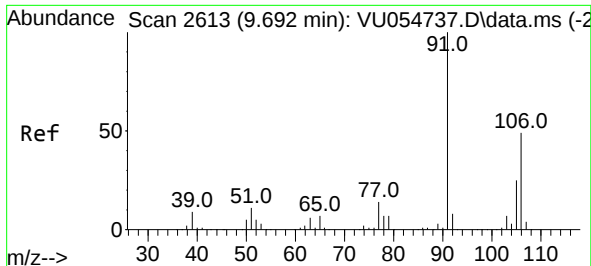
Tgt Ion: 43	Resp: 8429
Ion Ratio	Lower Upper
43	100
58	50.3 45.2 67.8
57	28.1 15.8 23.6
100	9.7 8.7 13.1



#49
Dibromochloromethane
Concen: 0.224 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. -0.251 min
Lab File: VU054753.D
Acq: 03 Jul 2023 16:54

Tgt Ion: 129	Resp: 3862
Ion Ratio	Lower Upper
129	100
127	0.0 53.2 98.8

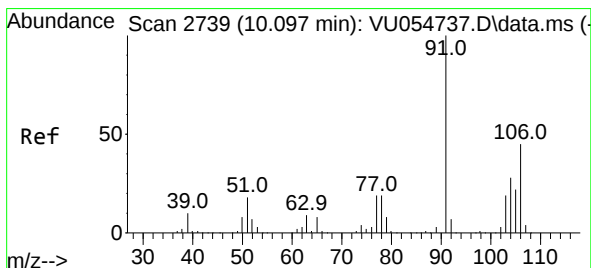
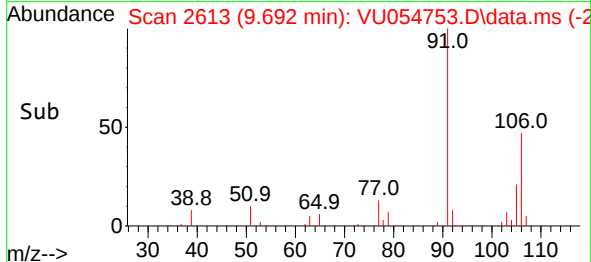
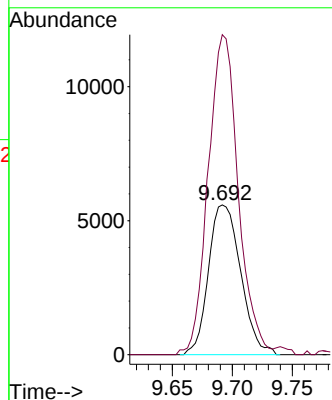
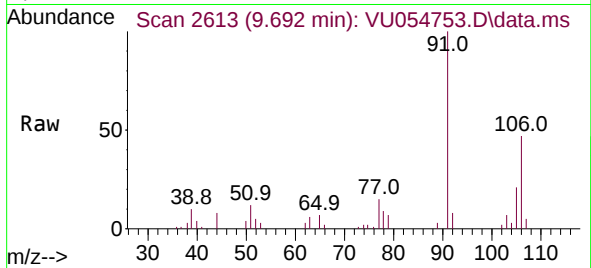




#53
m,p-Xylene
Concen: 0.264 ug/L
RT: 9.692 min Scan# 2140
Delta R.T. -0.000 min
Lab File: VU054753.D
Acq: 03 Jul 2023 16:54

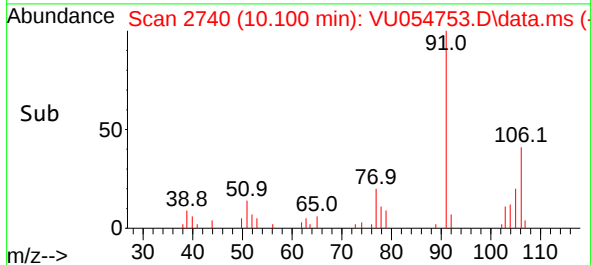
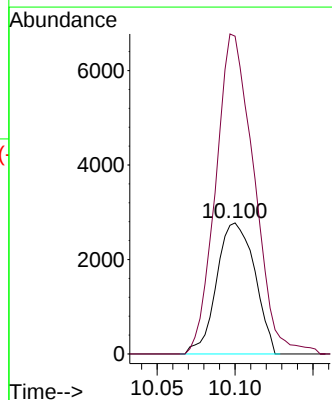
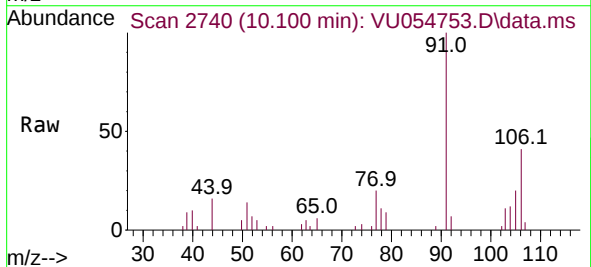
Instrument :
MSVOA_U
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A46T2

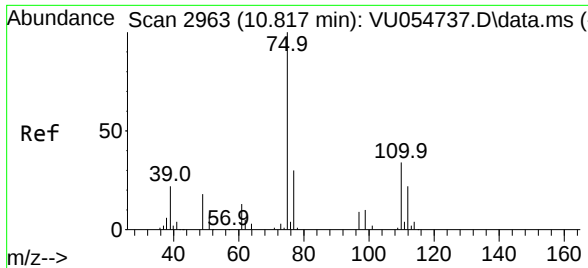
Tgt Ion:106 Resp: 10422
Ion Ratio Lower Upper
106 100
91 213.7 147.0 273.0



#54
o-Xylene
Concen: 0.124 ug/L
RT: 10.100 min Scan# 2740
Delta R.T. 0.003 min
Lab File: VU054753.D
Acq: 03 Jul 2023 16:54

Tgt Ion:106 Resp: 4717
Ion Ratio Lower Upper
106 100
91 242.5 154.5 286.9





#61
 1,2,3-Trichloropropane
 Concen: 1.241 ug/L
 RT: 11.810 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU054753.D
 Acq: 03 Jul 2023 16:54

Instrument :
 MSVOA_U
 ClientSampleId :
 A46T2

Tgt Ion: 75 Resp: 15550
 Ion Ratio Lower Upper
 75 100
 110 3.9 28.0 42.0#
 77 34.8 25.4 38.2

