

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
 Data File : VU061703.D
 Acq On : 15 Nov 2024 04:46
 Operator : MD/SY
 Sample : P4804-03
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 05:12:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 03:17:58 2024
 Response via : Initial Calibration

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

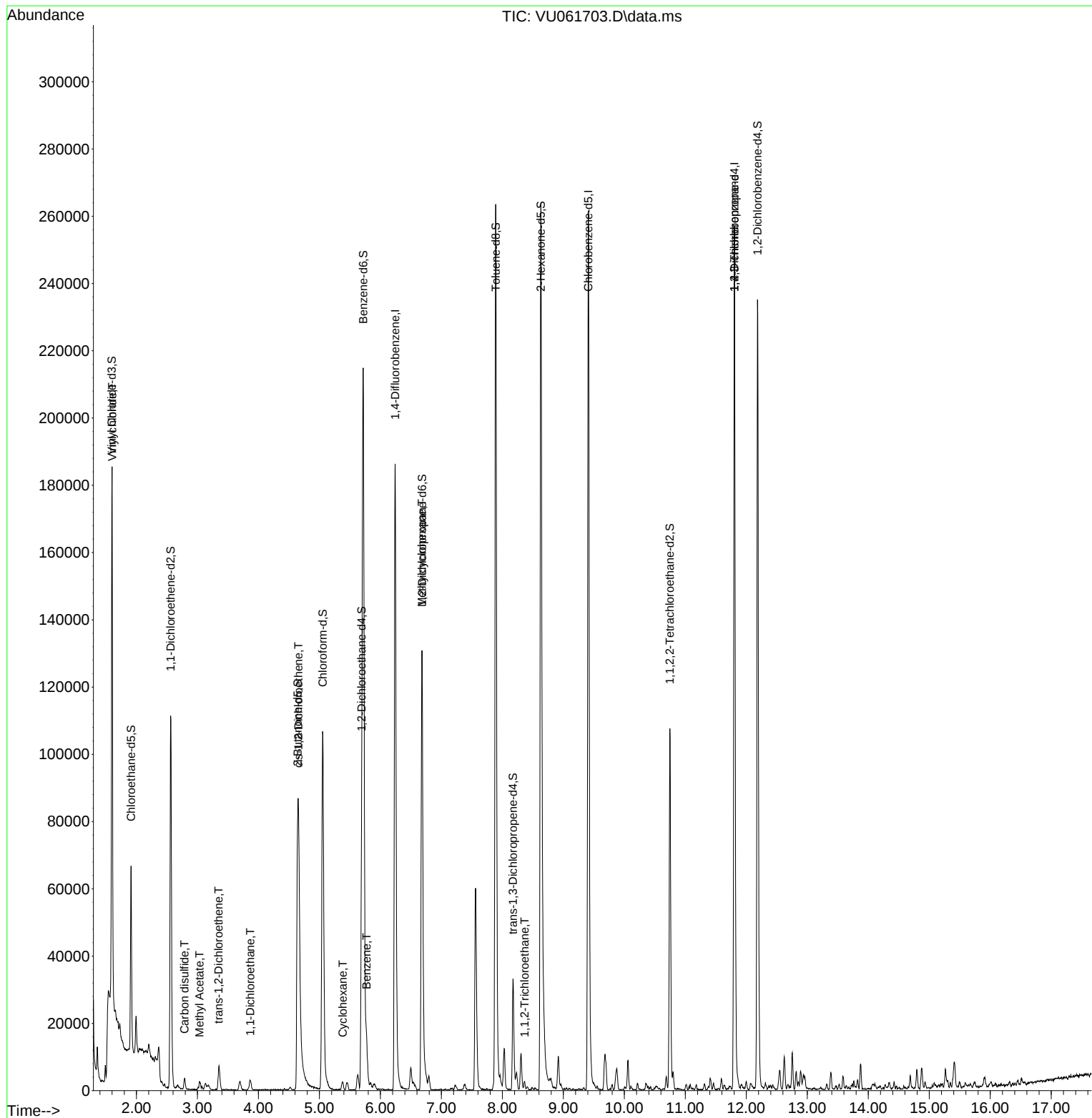
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	166892	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	155839	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	71780	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	46451	4.308	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.200%
7) Chloroethane-d5	1.911	69	40402	4.389	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.560	65	20623	4.263	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	4.644	46	124172	54.254	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.500%
24) Chloroform-d	5.052	84	102174	4.767	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.692	65	53265	5.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.718	84	211764	4.912	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.682	67	66213	5.207	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.200%
41) Toluene-d8	7.891	98	188323	4.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	8.174	79	20790	4.439	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.631	63	106239	57.401	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.800%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	53164	5.304	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	64631	5.055	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	59470	4.789	ug/L #	51
14) Carbon disulfide	2.789	76	4601	0.142	ug/L #	95
15) Methyl Acetate	3.033	43	1068	0.296	ug/L #	47
18) trans-1,2-Dichloroethene	3.348	96	2362	0.214	ug/L	82
19) 1,1-Dichloroethane	3.866	63	4151	0.206	ug/L #	81
22) cis-1,2-Dichloroethene	4.657	96	17499	1.404	ug/L	94
30) Cyclohexane	5.380	56	1242	0.070	ug/L	99
33) Benzene	5.772	78	13486	0.286	ug/L	100
35) Methylcyclohexane	6.679	83	15451	0.804	ug/L #	27
45) 1,1,2-Trichloroethane	8.364	97	1090	0.125	ug/L #	14
61) 1,2,3-Trichloropropane	11.804	75	8121	1.201	ug/L #	65

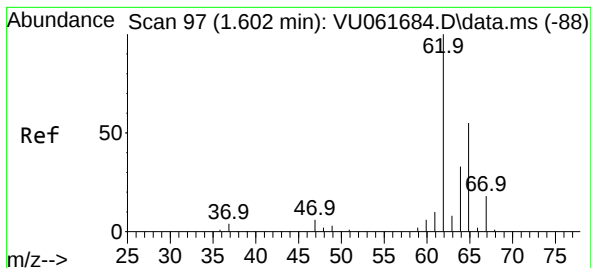
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.789 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU061703.D

Acq: 15 Nov 2024 04:46

Instrument :

MSVOA_U

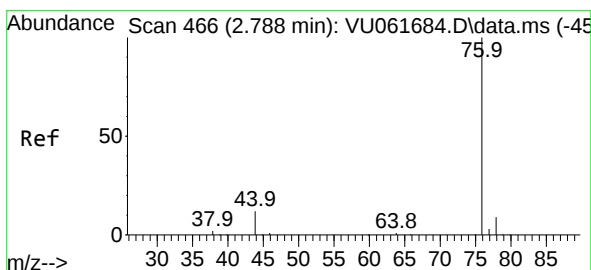
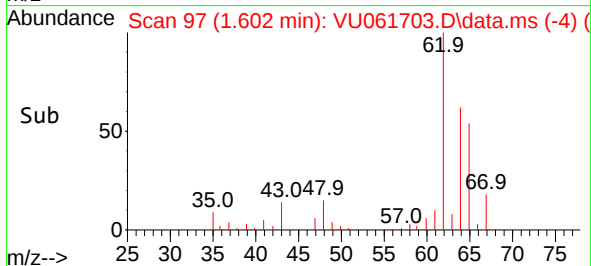
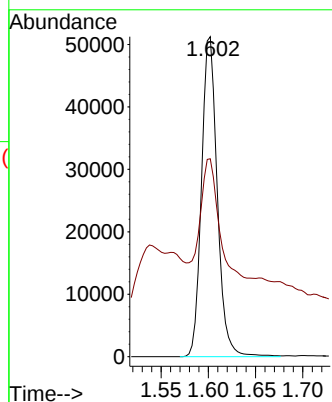
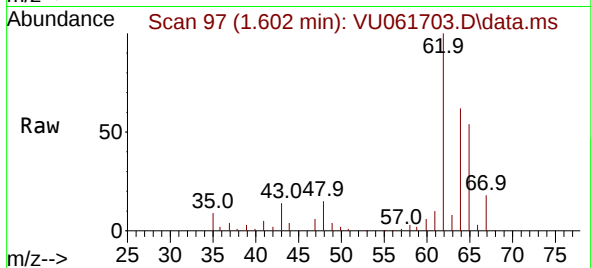
ClientSampleId :

Tgt Ion: 62 Resp: 59470

Ion Ratio Lower Upper

62 100

64 61.9 23.7 44.1#



#14

Carbon disulfide

Concen: 0.142 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU061703.D

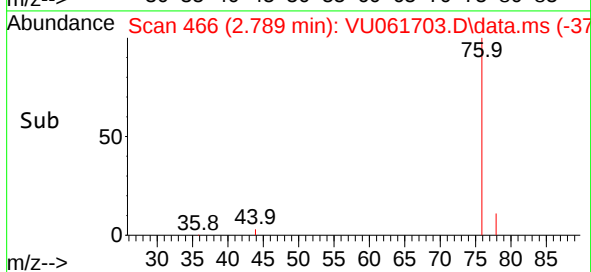
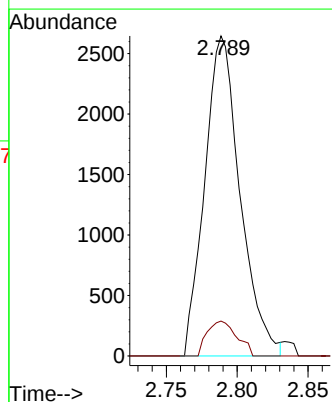
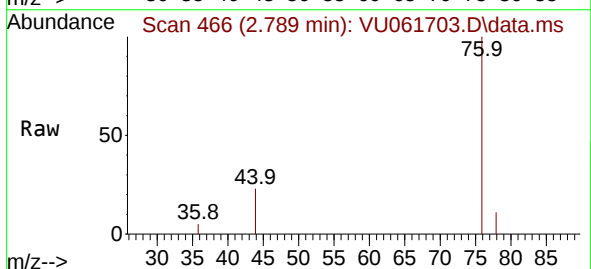
Acq: 15 Nov 2024 04:46

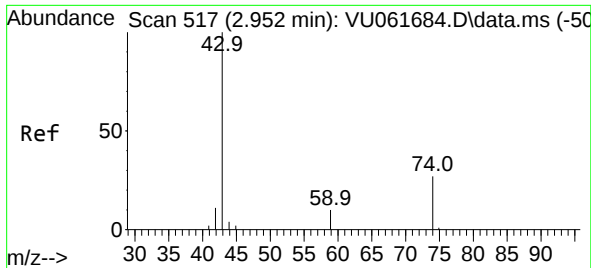
Tgt Ion: 76 Resp: 4601

Ion Ratio Lower Upper

76 100

78 10.9 7.3 10.9#

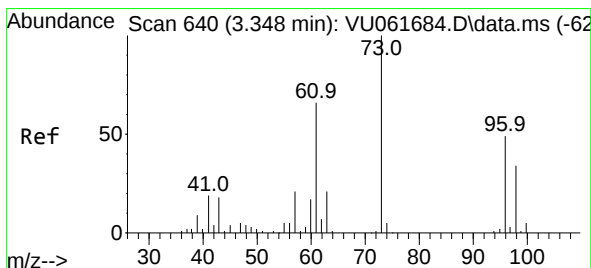
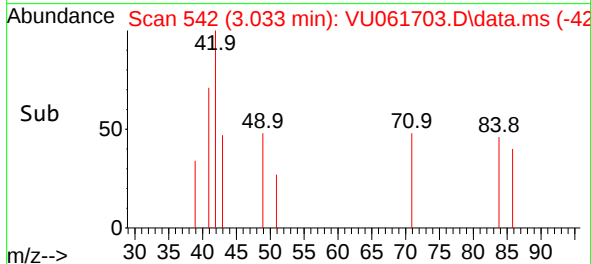
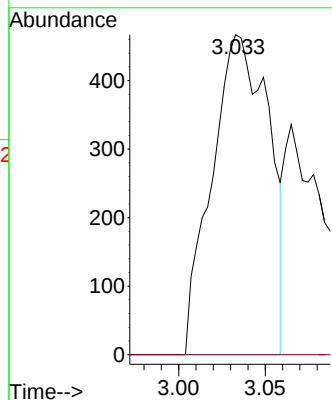
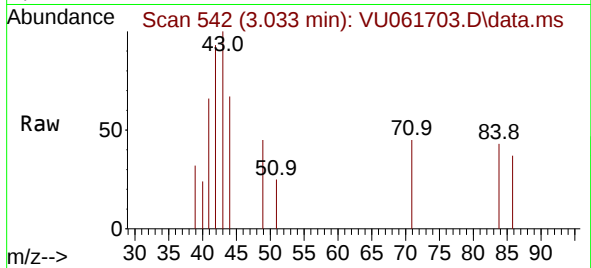




#15
Methyl Acetate
Concen: 0.296 ug/L
RT: 3.033 min Scan# 54
Delta R.T. 0.081 min
Lab File: VU061703.D
Acq: 15 Nov 2024 04:46

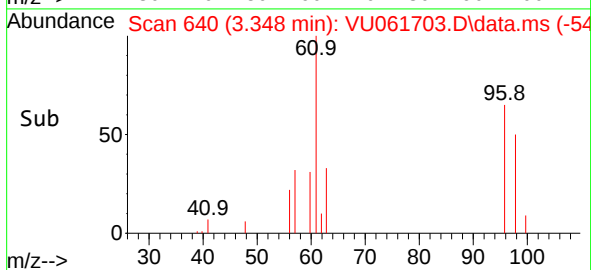
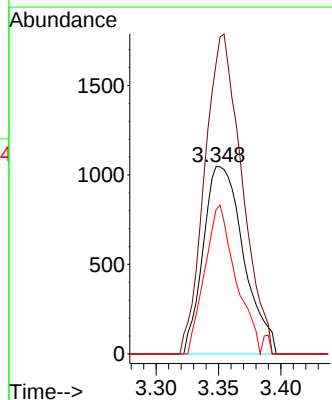
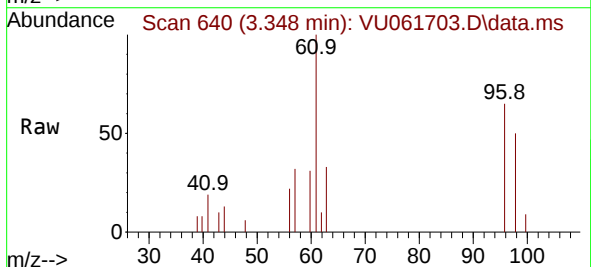
Instrument :
MSVOA_U
ClientSampleId :

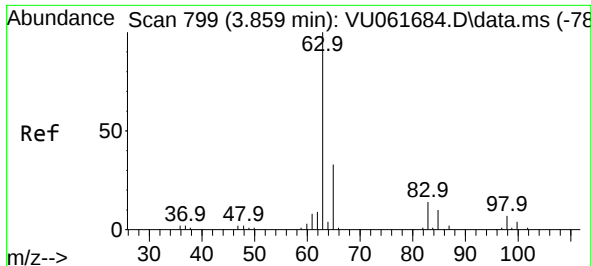
Tgt Ion: 43 Resp: 1068
Ion Ratio Lower Upper
43 100
74 0.0 22.5 33.7#



#18
trans-1,2-Dichloroethene
Concen: 0.214 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU061703.D
Acq: 15 Nov 2024 04:46

Tgt Ion: 96 Resp: 2362
Ion Ratio Lower Upper
96 100
61 154.8 94.1 174.8
98 77.0 43.2 80.2





#19

1,1-Dichloroethane

Concen: 0.206 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.007 min

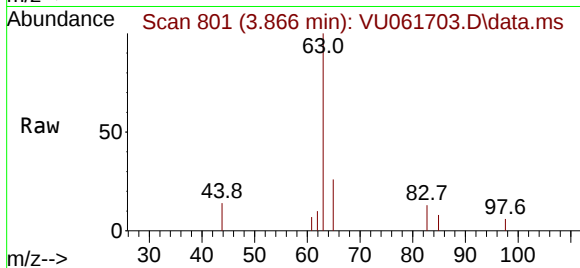
Lab File: VU061703.D

Acq: 15 Nov 2024 04:46

Instrument :

MSVOA_U

ClientSampleId :



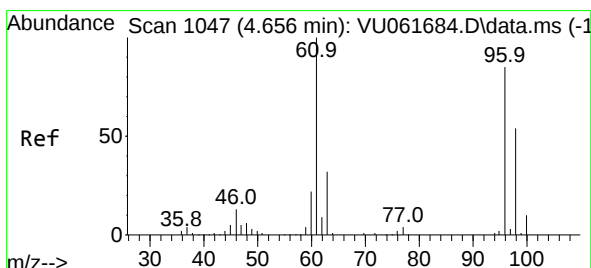
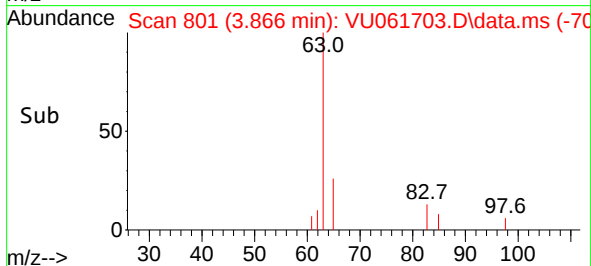
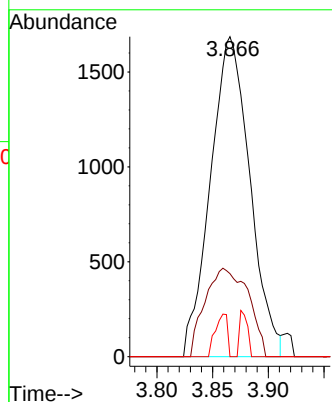
Tgt Ion: 63 Resp: 4151

Ion Ratio Lower Upper

63 100

65 25.9 23.4 43.4

83 0.0 9.6 17.8#



#22

cis-1,2-Dichloroethene

Concen: 1.404 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU061703.D

Acq: 15 Nov 2024 04:46

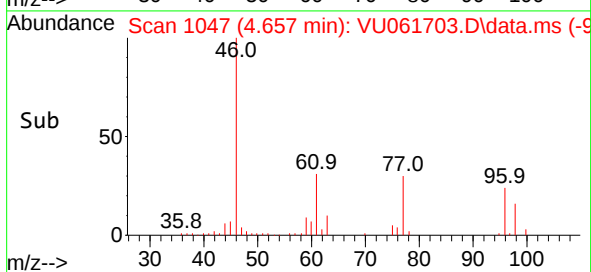
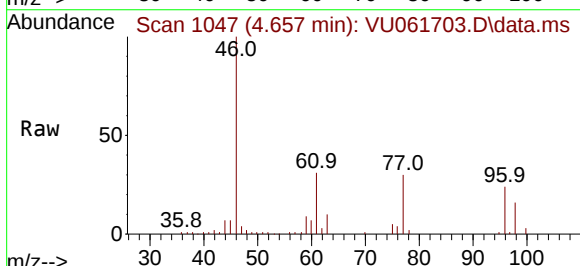
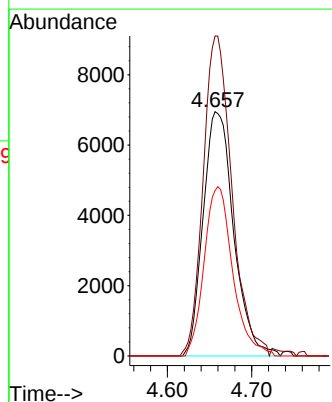
Tgt Ion: 96 Resp: 17499

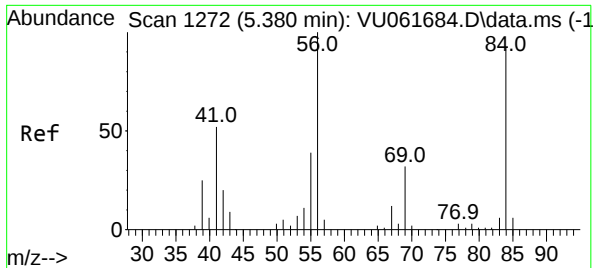
Ion Ratio Lower Upper

96 100

61 131.0 85.6 159.0

98 67.8 45.6 84.8





#30

Cyclohexane

Concen: 0.070 ug/L

RT: 5.380 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU061703.D

Acq: 15 Nov 2024 04:46

Instrument :

MSVOA_U

ClientSampleId :

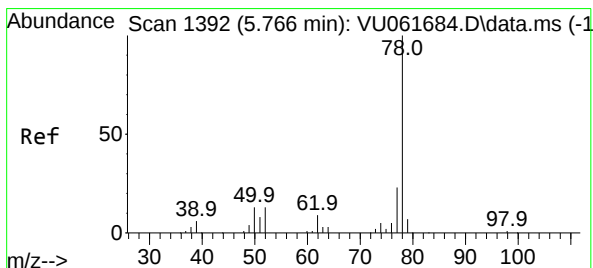
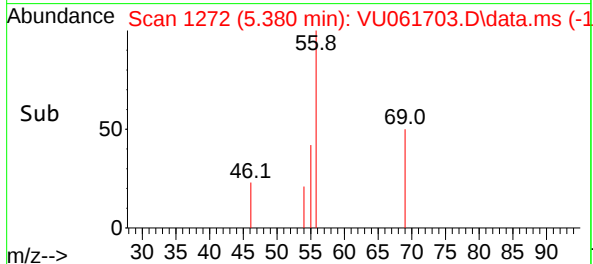
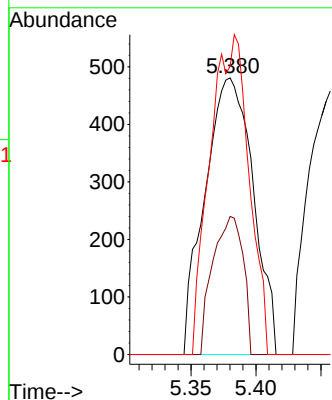
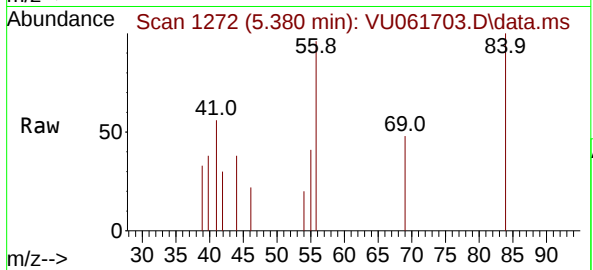
Tgt Ion: 56 Resp: 1242

Ion Ratio Lower Upper

56 100

69 31.2 25.6 38.4

84 93.3 74.3 111.5



#33

Benzene

Concen: 0.286 ug/L

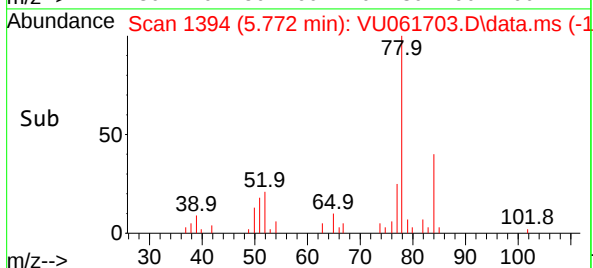
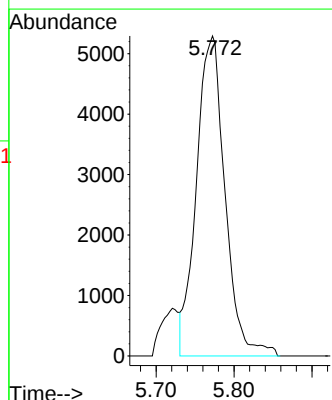
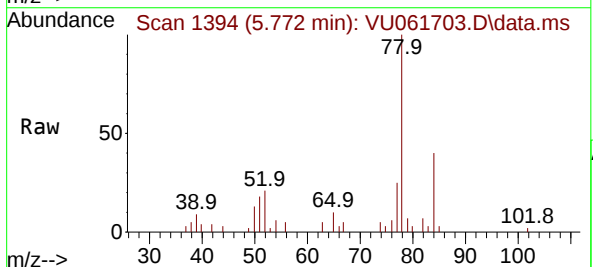
RT: 5.772 min Scan# 1394

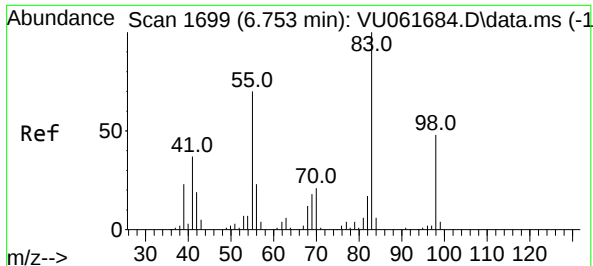
Delta R.T. 0.007 min

Lab File: VU061703.D

Acq: 15 Nov 2024 04:46

Tgt Ion: 78 Resp: 13486





#35

Methylcyclohexane

Concen: 0.804 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU061703.D

Acq: 15 Nov 2024 04:46

Instrument :

MSVOA_U

ClientSampleId :

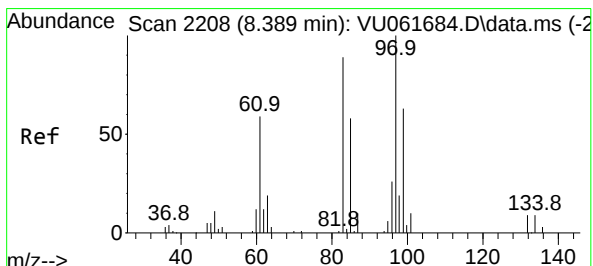
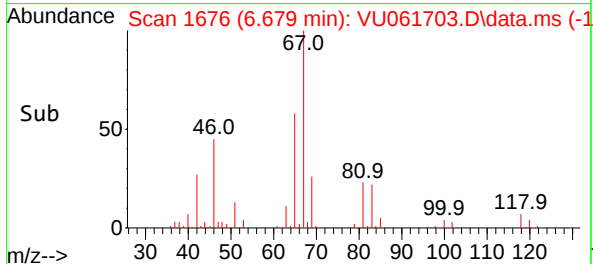
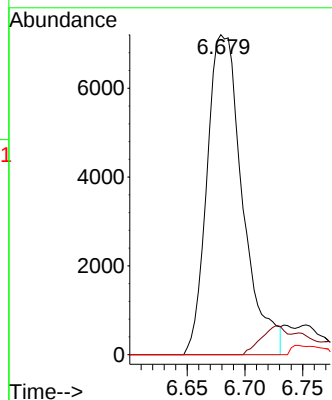
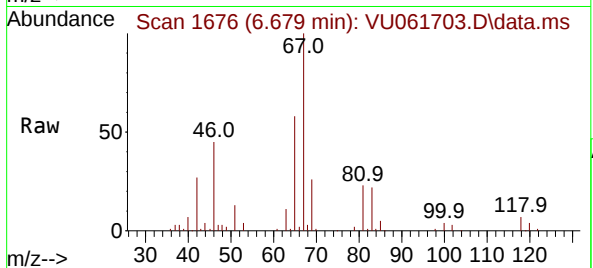
Tgt Ion: 83 Resp: 15451

Ion Ratio Lower Upper

83 100

55 6.9 56.4 84.6#

98 2.4 37.7 56.5#



#45

1,1,2-Trichloroethane

Concen: 0.125 ug/L

RT: 8.364 min Scan# 2200

Delta R.T. -0.026 min

Lab File: VU061703.D

Acq: 15 Nov 2024 04:46

Tgt Ion: 97 Resp: 1090

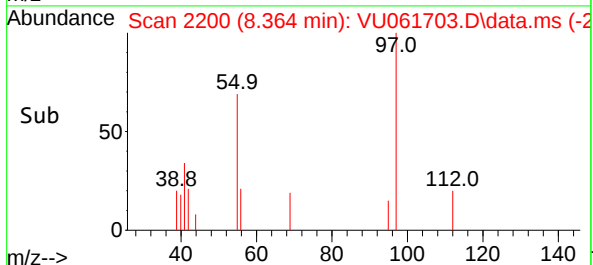
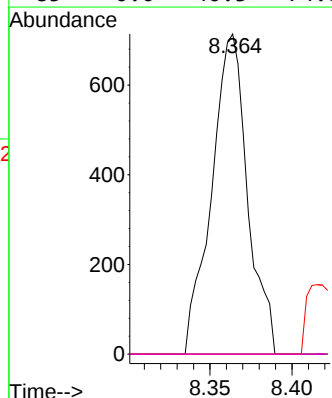
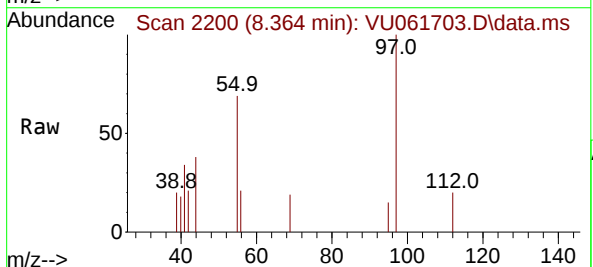
Ion Ratio Lower Upper

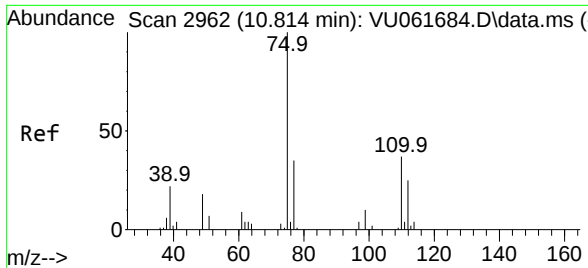
97 100

99 0.0 43.8 81.3#

83 0.0 63.2 117.4#

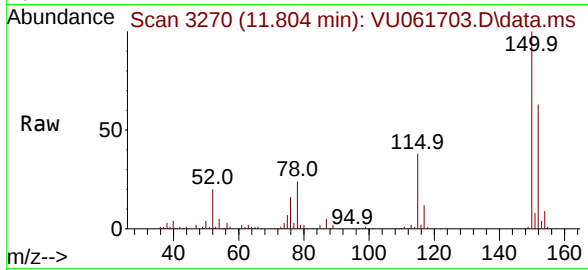
85 0.0 40.3 74.8#





#61
1,2,3-Trichloropropane
Concen: 1.201 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU061703.D
Acq: 15 Nov 2024 04:46

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 8121
Ion Ratio Lower Upper
75 100
110 2.1 31.3 46.9#
77 35.5 26.0 39.0

