

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110524\
 Data File : VU061485.D
 Acq On : 06 Nov 2024 05:31
 Operator : MD/SY
 Sample : P4714-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 06 07:11:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 06 00:52:59 2024
 Response via : Initial Calibration

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

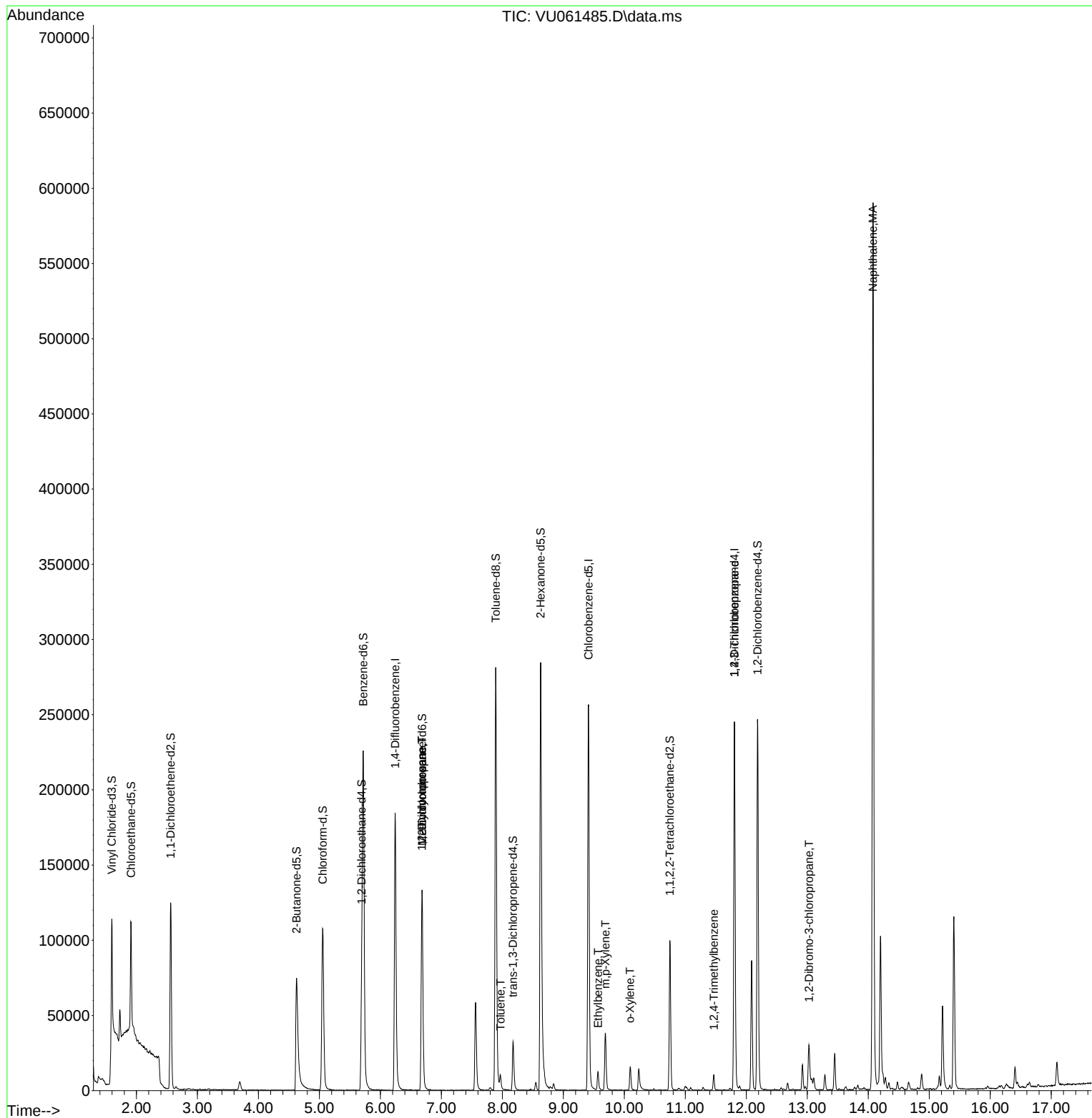
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	160190	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	148946	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	67229	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	52066	4.785	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.911	69	50738	5.086	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	2.560	65	23812	5.115	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.200%
20) 2-Butanone-d5	4.624	46	117320	53.102	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.200%
24) Chloroform-d	5.052	84	104703	5.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
26) 1,2-Dichloroethane-d4	5.692	65	54728	5.316	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	5.718	84	221976	5.289	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
36) 1,2-Dichloropropane-d6	6.682	67	66029	5.233	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.891	98	200220	5.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	8.174	79	20930	4.064	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.627	63	105682	50.098	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.200%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	49551	5.193	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	65973	5.542	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.800%
Target Compounds						Qvalue
35) Methylcyclohexane	6.682	83	14923	0.748	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	6946	0.595	ug/L #	89
42) Toluene	7.968	91	7634	0.153	ug/L	99
52) Ethylbenzene	9.570	91	9815	0.178	ug/L	94
53) m,p-Xylene	9.689	106	12003	0.573	ug/L	96
54) o-Xylene	10.094	106	4482	0.217	ug/L	97
61) 1,2,3-Trichloropropane	11.804	75	8246	1.231	ug/L #	67
63) 1,2,4-Trimethylbenzene	11.467	105	6443	0.156	ug/L	95
68) 1,2-Dibromo-3-chloropr...	13.029	75	543	0.386	ug/L #	2
71) Naphthalene	14.077	128	472765	25.057	ug/L	99

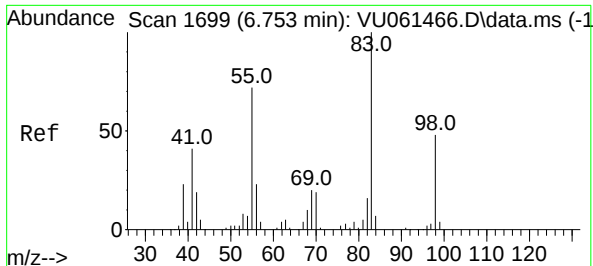
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.748 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU061485.D

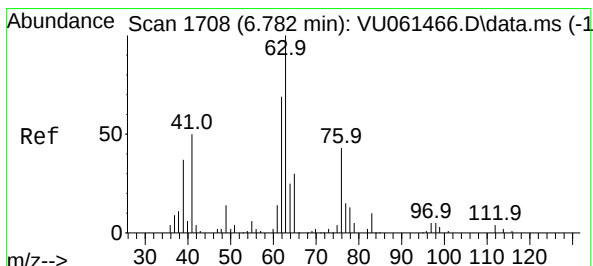
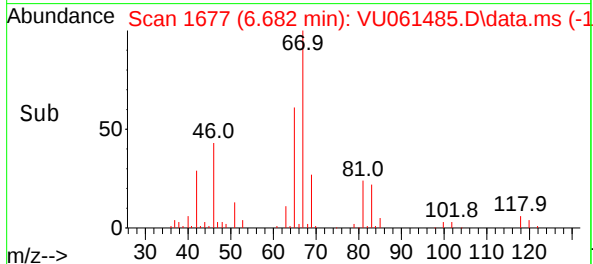
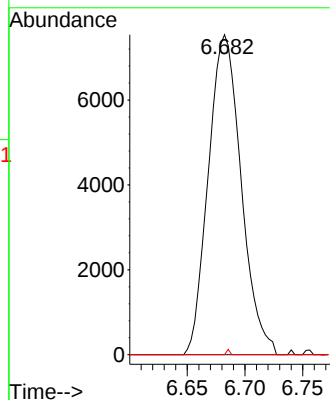
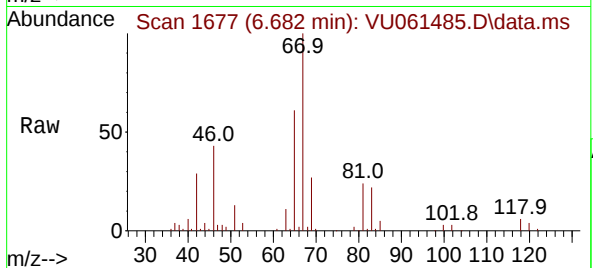
Acq: 06 Nov 2024 05:31

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	14923
Ion Ratio	Lower	Upper	
83	100		
55	0.0	55.9	83.9#
98	0.2	35.9	53.9#



#37

1,2-Dichloropropane

Concen: 0.595 ug/L

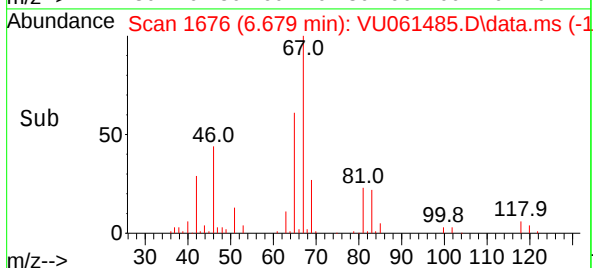
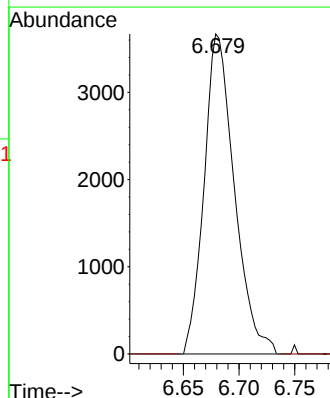
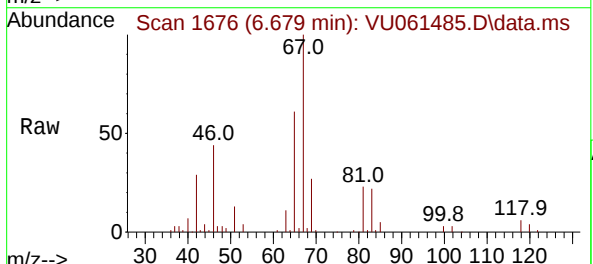
RT: 6.679 min Scan# 1676

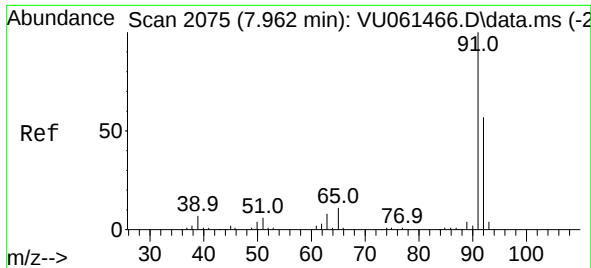
Delta R.T. -0.103 min

Lab File: VU061485.D

Acq: 06 Nov 2024 05:31

Tgt Ion:	63	Resp:	6946
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.0	4.4#





#42

Toluene

Concen: 0.153 ug/L

RT: 7.968 min Scan# 2075

Delta R.T. 0.006 min

Lab File: VU061485.D

Acq: 06 Nov 2024 05:31

Instrument :

MSVOA_U

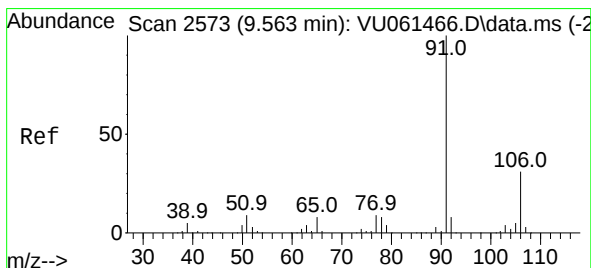
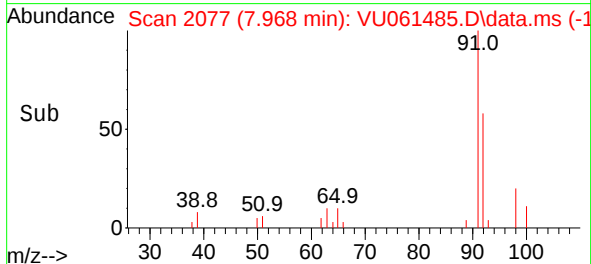
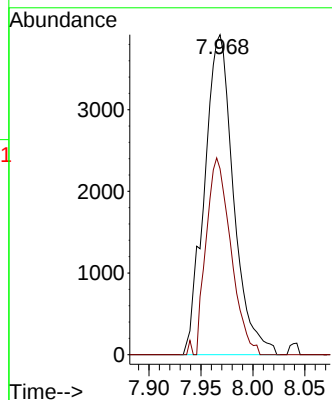
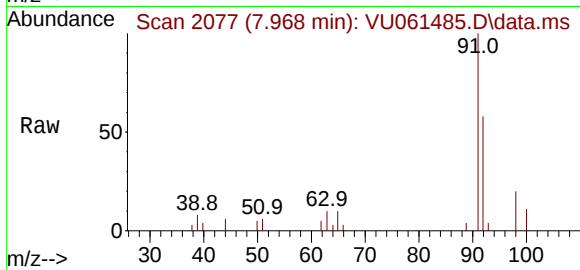
ClientSampleId :

Tgt Ion: 91 Resp: 7634

Ion Ratio Lower Upper

91 100

92 58.1 40.3 74.8



#52

Ethylbenzene

Concen: 0.178 ug/L

RT: 9.570 min Scan# 2575

Delta R.T. 0.006 min

Lab File: VU061485.D

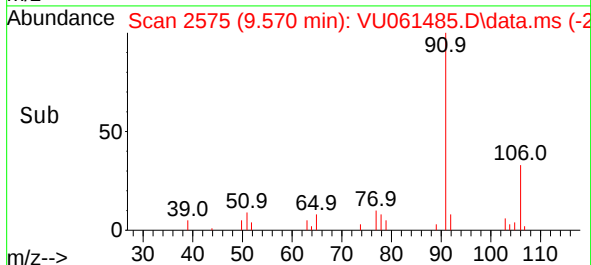
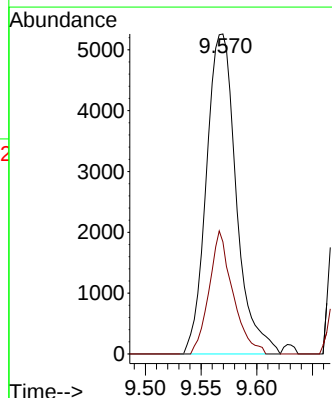
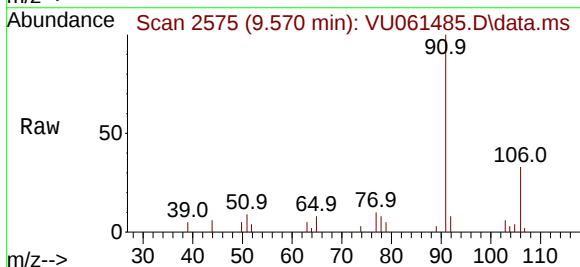
Acq: 06 Nov 2024 05:31

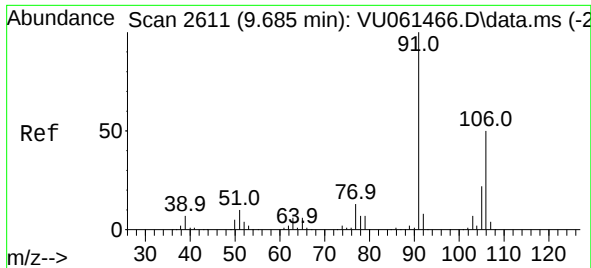
Tgt Ion: 91 Resp: 9815

Ion Ratio Lower Upper

91 100

106 35.0 22.0 41.0

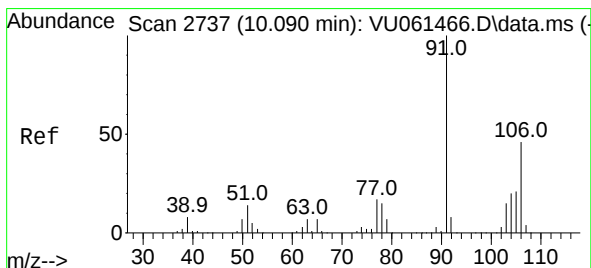
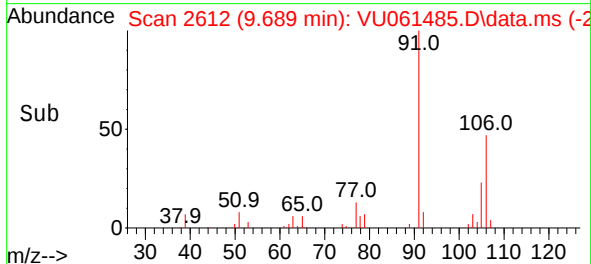
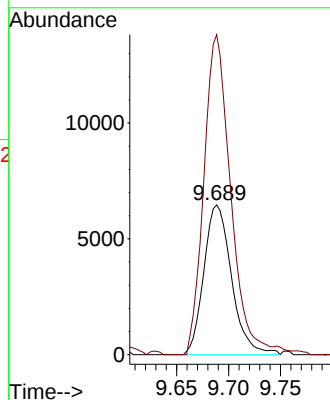
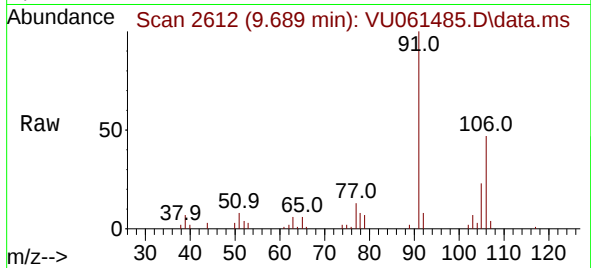




#53
m,p-Xylene
Concen: 0.573 ug/L
RT: 9.689 min Scan# 2611
Delta R.T. 0.003 min
Lab File: VU061485.D
Acq: 06 Nov 2024 05:31

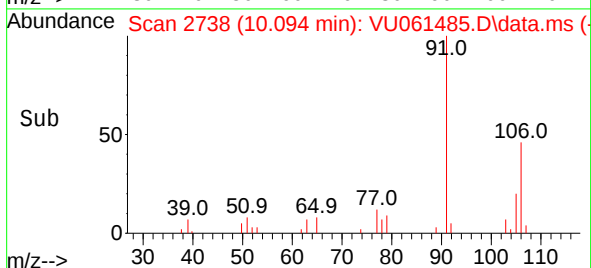
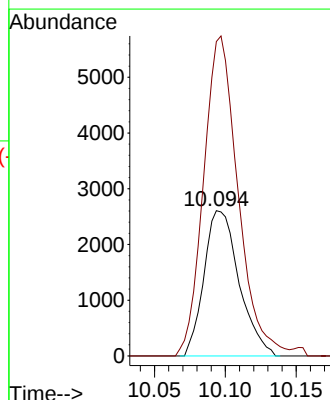
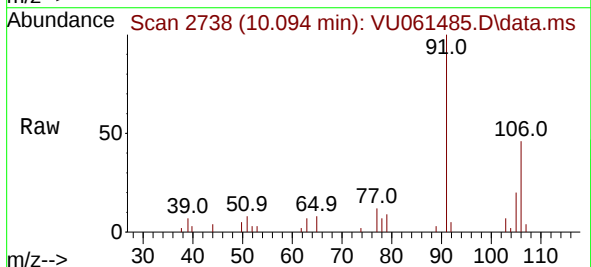
Instrument :
MSVOA_U
ClientSampleId :

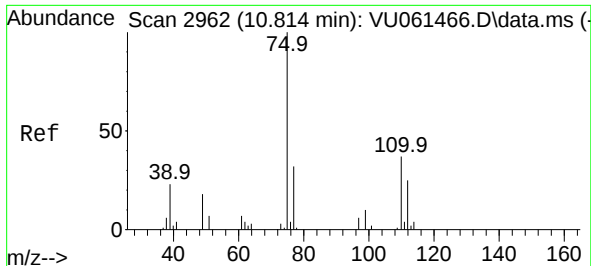
Tgt Ion:106 Resp: 12003
Ion Ratio Lower Upper
106 100
91 213.7 145.7 270.7



#54
o-Xylene
Concen: 0.217 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU061485.D
Acq: 06 Nov 2024 05:31

Tgt Ion:106 Resp: 4482
Ion Ratio Lower Upper
106 100
91 216.5 148.8 276.4





#61

1,2,3-Trichloropropane

Concen: 1.231 ug/L

RT: 11.804 min Scan# 3165

Delta R.T. 0.990 min

Lab File: VU061485.D

Acq: 06 Nov 2024 05:31

Instrument :

MSVOA_U

ClientSampleId :

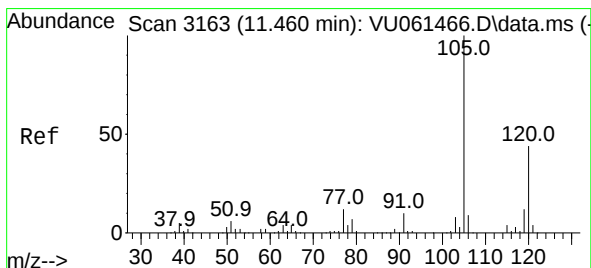
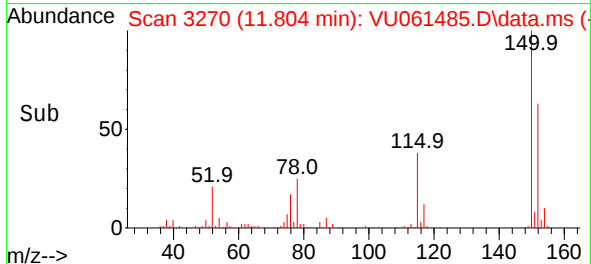
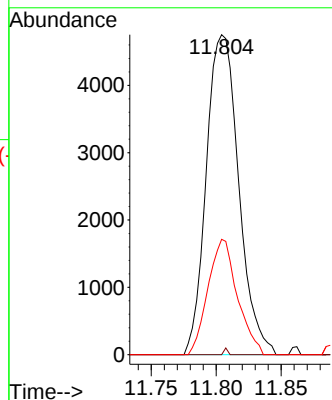
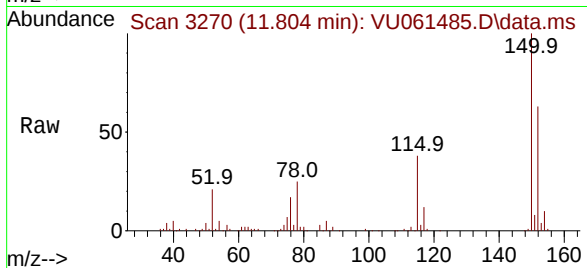
Tgt Ion: 75 Resp: 8246

Ion Ratio Lower Upper

75 100

110 0.2 28.8 43.2#

77 32.6 25.7 38.5



#63

1,2,4-Trimethylbenzene

Concen: 0.156 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.006 min

Lab File: VU061485.D

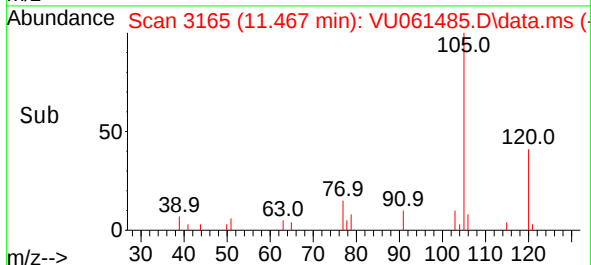
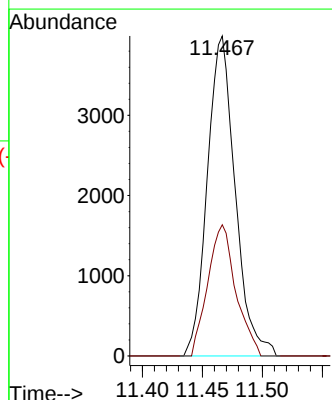
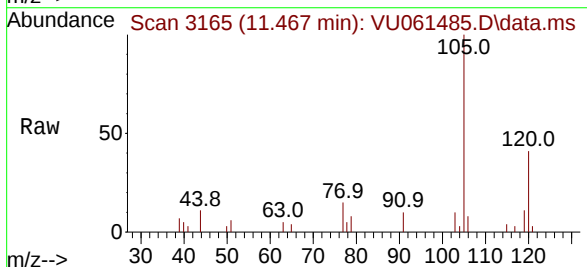
Acq: 06 Nov 2024 05:31

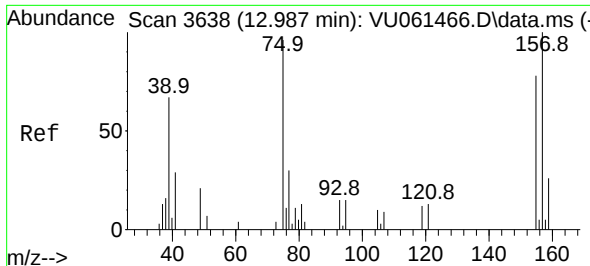
Tgt Ion: 105 Resp: 6443

Ion Ratio Lower Upper

105 100

120 41.2 35.4 53.0





#68

1,2-Dibromo-3-chloropropane

Concen: 0.386 ug/L

RT: 13.029 min Scan# 30

Delta R.T. 0.042 min

Lab File: VU061485.D

Acq: 06 Nov 2024 05:31

Instrument :

MSVOA_U

ClientSampleId :

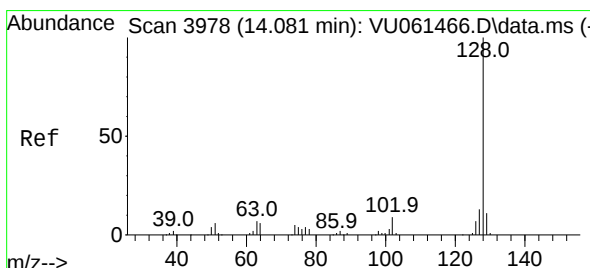
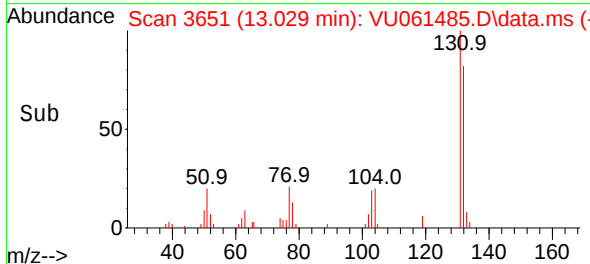
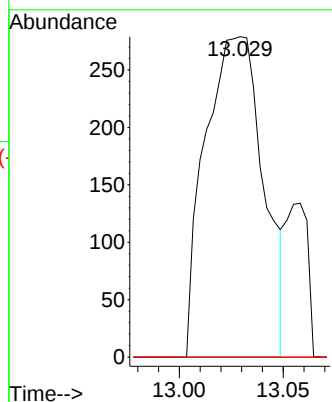
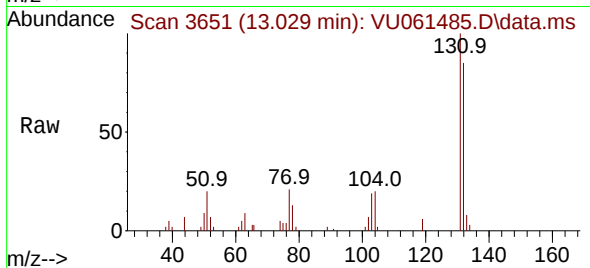
Tgt Ion: 75 Resp: 543

Ion Ratio Lower Upper

75 100

155 0.0 69.3 103.9#

157 0.0 81.4 122.2#



#71

Naphthalene

Concen: 25.057 ug/L

RT: 14.077 min Scan# 3977

Delta R.T. -0.003 min

Lab File: VU061485.D

Acq: 06 Nov 2024 05:31

Tgt Ion:128 Resp: 472765

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.4

127 13.1 10.0 15.0

