

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
 Data File : VU060137.D
 Acq On : 24 Jul 2024 01:38
 Operator : MD/SY
 Sample : P3300-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 24 05:58:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 24 05:34:19 2024
 Response via : Initial Calibration

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

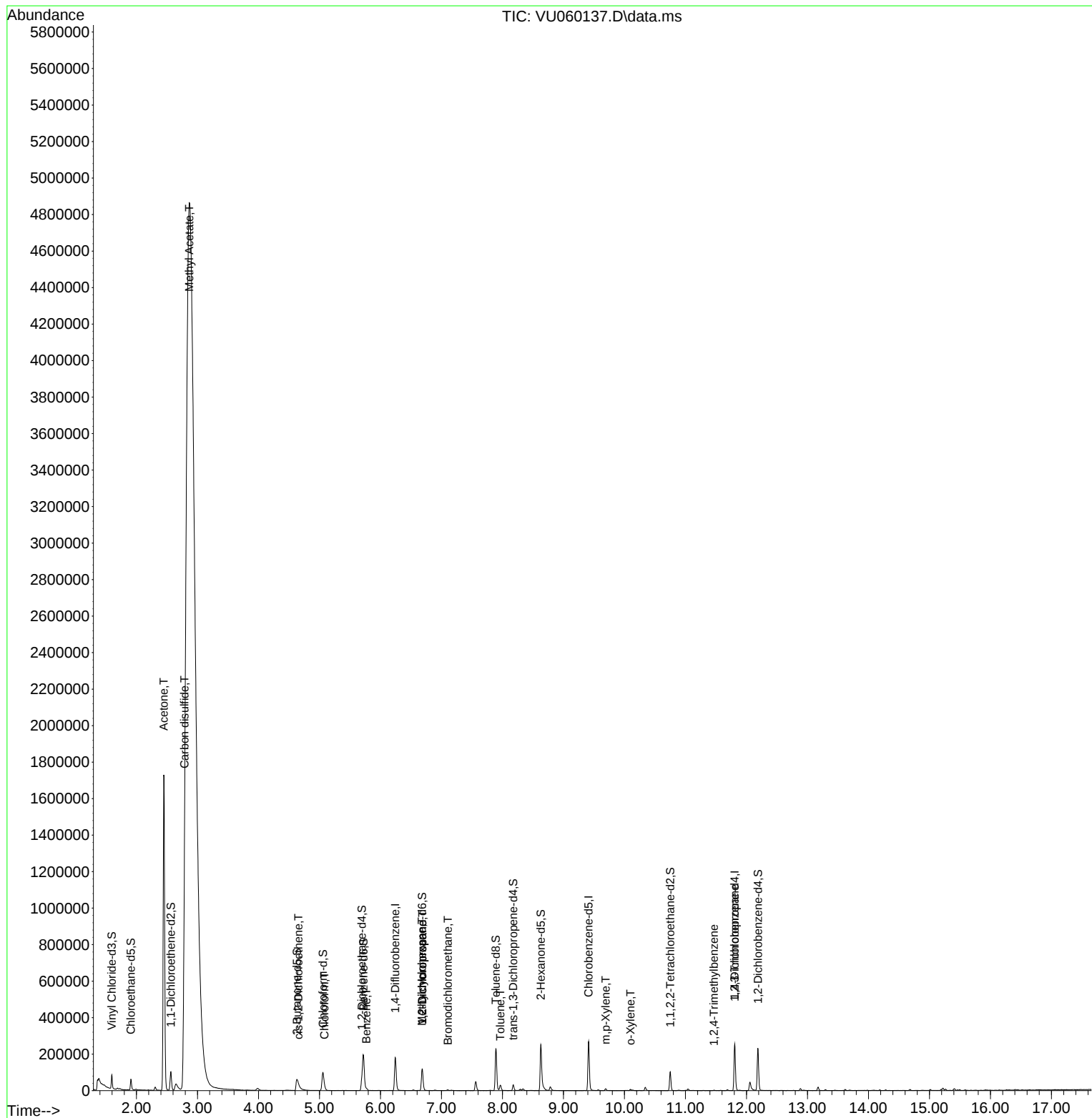
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	161052	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	166112	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	76829	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	52286	4.666	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.908	69	46673	4.483	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.563	65	19751	4.515	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	4.631	46	117735	44.941	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.880%
24) Chloroform-d	5.055	84	93184	3.957	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
26) 1,2-Dichloroethane-d4	5.695	65	46775	4.266	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
32) Benzene-d6	5.721	84	195255	4.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.682	67	61594	4.343	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.891	98	167310	4.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.177	79	18893	3.914	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.628	63	90347	42.175	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.340%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	55027	4.360	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	68138	4.913	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						Qvalue
13) Acetone	2.448	43	1103280	636.642	ug/L	39
14) Carbon disulfide	2.789	76	3551	0.099	ug/L #	94
15) Methyl Acetate	2.866	43	6003667	1408.564	ug/L #	45
22) cis-1,2-Dichloroethene	4.657	96	1727	0.121	ug/L	88
25) Chloroform	5.081	83	14485	0.542	ug/L	98
33) Benzene	5.769	78	10159	0.185	ug/L	100
35) Methylcyclohexane	6.679	83	14377	0.754	ug/L #	22
37) 1,2-Dichloropropane	6.686	63	5894	0.398	ug/L #	88
38) Bromodichloromethane	7.103	83	3614	0.195	ug/L #	84
42) Toluene	7.965	91	24826	0.425	ug/L	98
53) m,p-Xylene	9.692	106	3008	0.134	ug/L	91
54) o-Xylene	10.100	106	2341	0.109	ug/L	68
61) 1,2,3-Trichloropropane	11.804	75	8074	0.997	ug/L #	67
63) 1,2,4-Trimethylbenzene	11.467	105	2040	0.055	ug/L	99

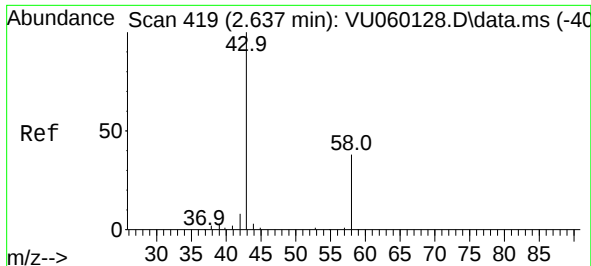
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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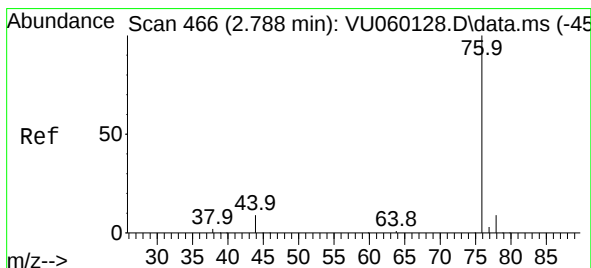
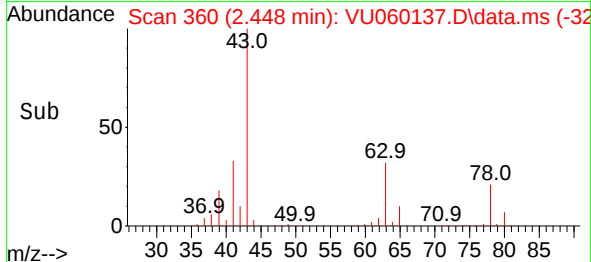
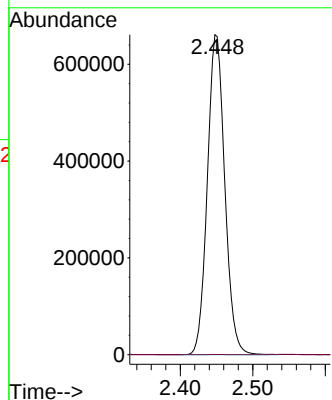
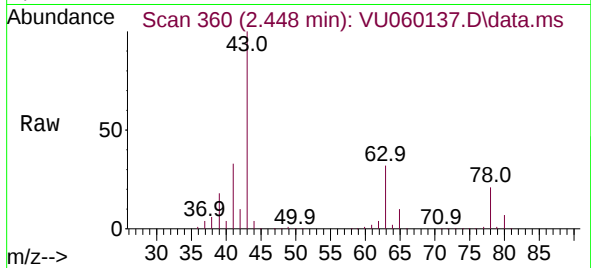




#13
Acetone
Concen: 636.642 ug/L
RT: 2.448 min Scan# 30
Delta R.T. -0.190 min
Lab File: VU060137.D
Acq: 24 Jul 2024 01:38

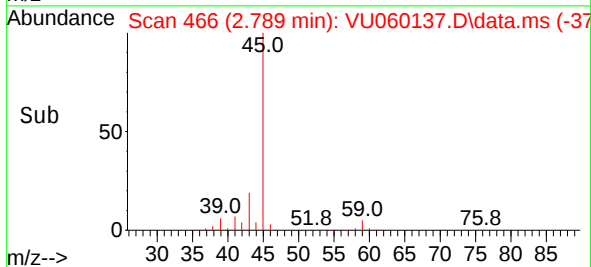
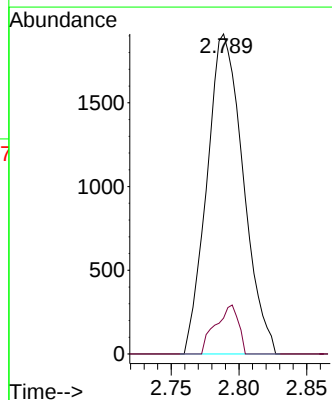
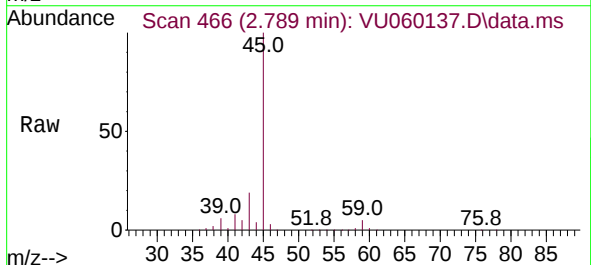
Instrument :
MSVOA_U
ClientSampleId :

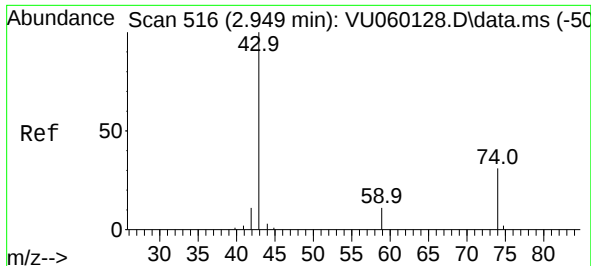
Tgt Ion: 43 Resp: 1103280
Ion Ratio Lower Upper
43 100
58 2.9 0.0 82.2



#14
Carbon disulfide
Concen: 0.099 ug/L
RT: 2.789 min Scan# 466
Delta R.T. 0.000 min
Lab File: VU060137.D
Acq: 24 Jul 2024 01:38

Tgt Ion: 76 Resp: 3551
Ion Ratio Lower Upper
76 100
78 11.2 7.4 11.0#





#15

Methyl Acetate

Concen: 1408.564 ug/L

RT: 2.866 min Scan# 40

Delta R.T. -0.084 min

Lab File: VU060137.D

Acq: 24 Jul 2024 01:38

Instrument :

MSVOA_U

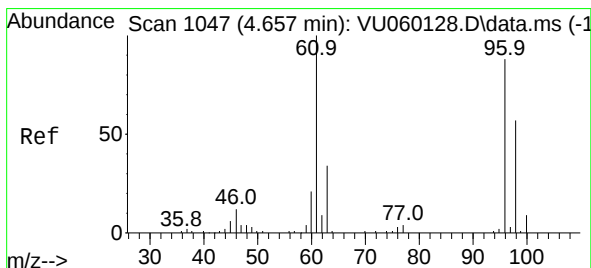
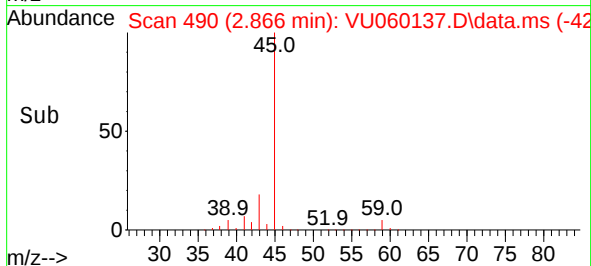
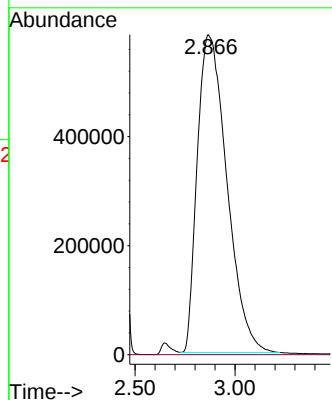
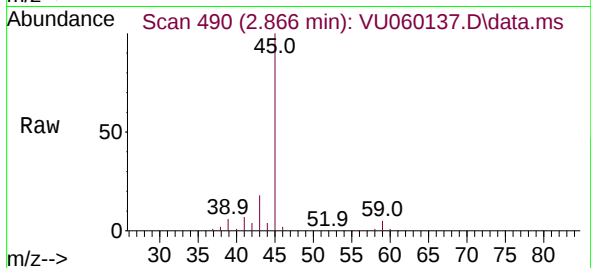
ClientSampleId :

Tgt Ion: 43 Resp: 6003667

Ion Ratio Lower Upper

43 100

74 0.0 23.5 35.3#



#22

cis-1,2-Dichloroethene

Concen: 0.121 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.000 min

Lab File: VU060137.D

Acq: 24 Jul 2024 01:38

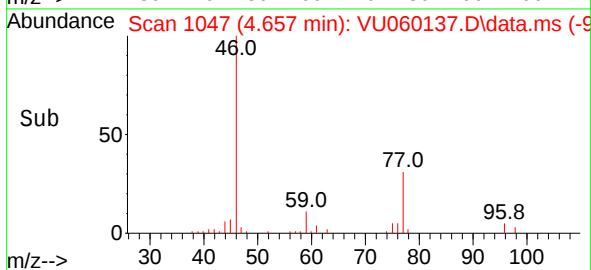
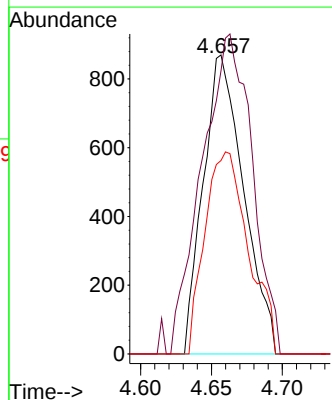
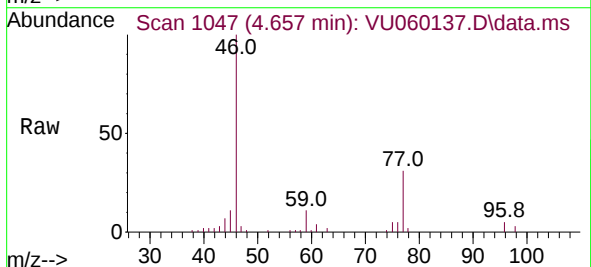
Tgt Ion: 96 Resp: 1727

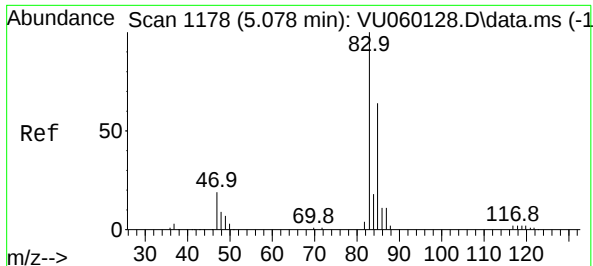
Ion Ratio Lower Upper

96 100

61 94.7 80.2 148.9

98 64.7 44.7 83.1





#25

Chloroform

Concen: 0.542 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU060137.D

Acq: 24 Jul 2024 01:38

Instrument :

MSVOA_U

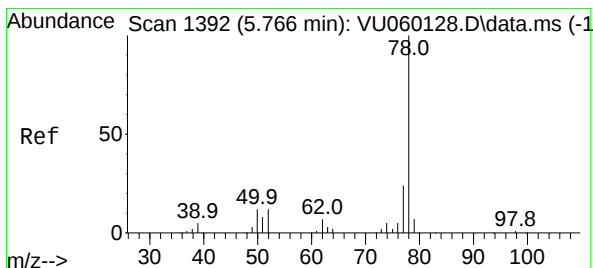
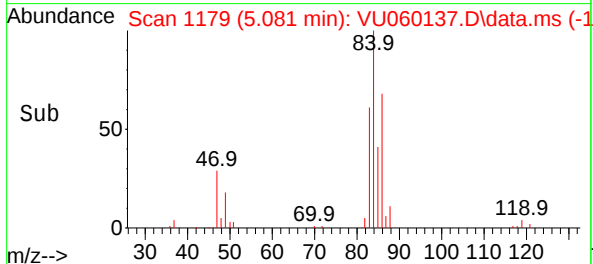
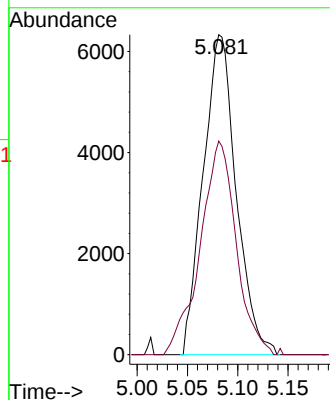
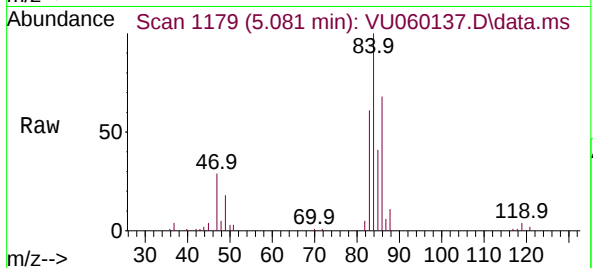
ClientSampleId :

Tgt Ion: 83 Resp: 14485

Ion Ratio Lower Upper

83 100

85 66.8 45.4 84.2



#33

Benzene

Concen: 0.185 ug/L

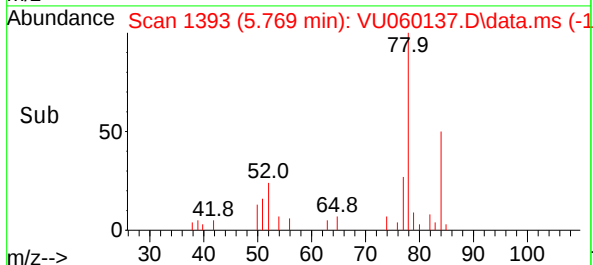
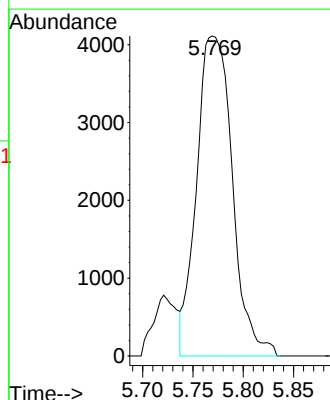
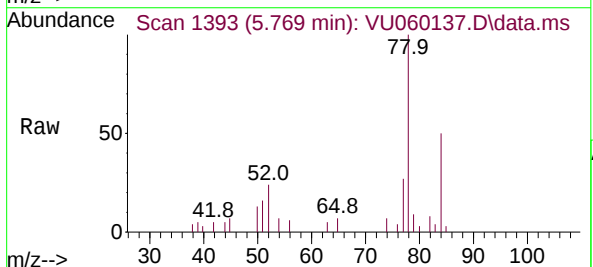
RT: 5.769 min Scan# 1393

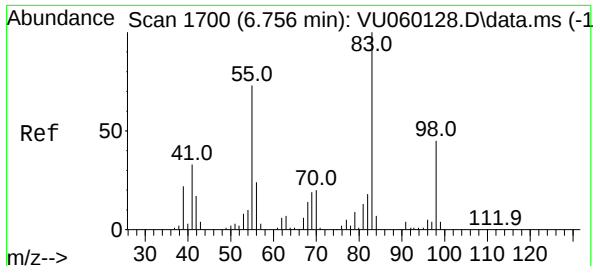
Delta R.T. 0.003 min

Lab File: VU060137.D

Acq: 24 Jul 2024 01:38

Tgt Ion: 78 Resp: 10159





#35

Methylcyclohexane

Concen: 0.754 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU060137.D

Acq: 24 Jul 2024 01:38

Instrument :

MSVOA_U

ClientSampleId :

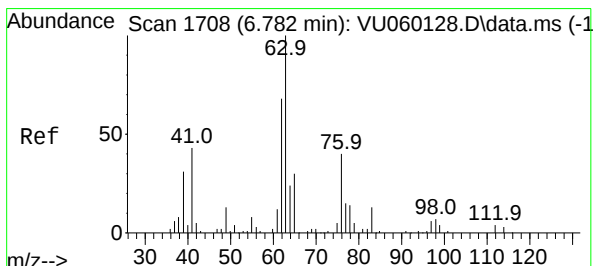
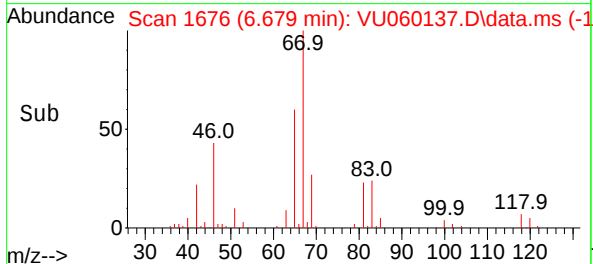
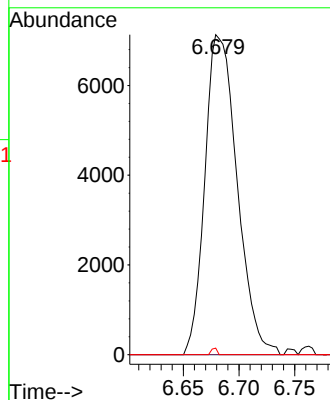
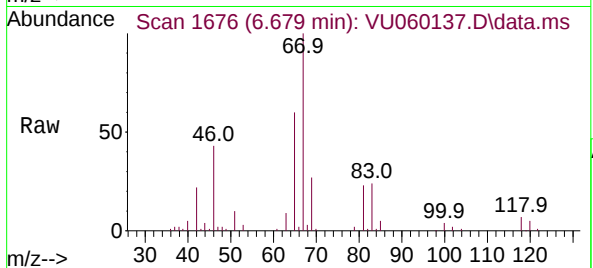
Tgt Ion: 83 Resp: 14377

Ion Ratio Lower Upper

83 100

55 1.5 56.7 85.1#

98 0.4 36.6 55.0#



#37

1,2-Dichloropropane

Concen: 0.398 ug/L

RT: 6.686 min Scan# 1678

Delta R.T. -0.096 min

Lab File: VU060137.D

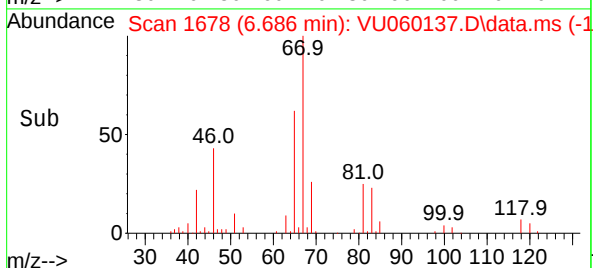
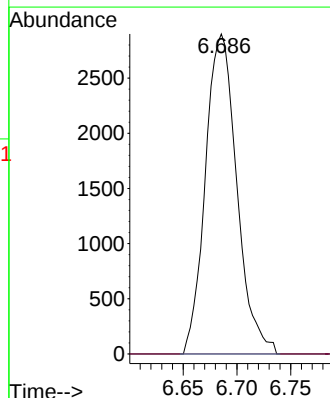
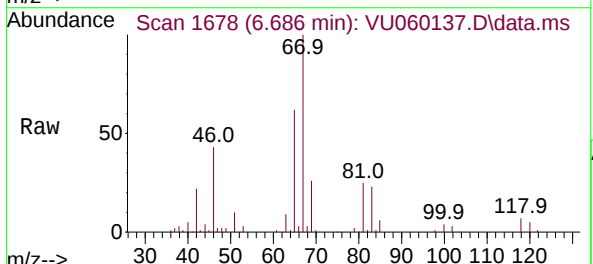
Acq: 24 Jul 2024 01:38

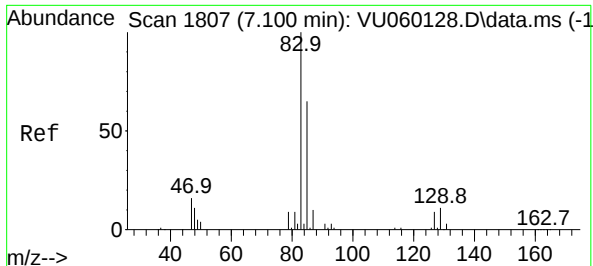
Tgt Ion: 63 Resp: 5894

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#38

Bromodichloromethane

Concen: 0.195 ug/L

RT: 7.103 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU060137.D

Acq: 24 Jul 2024 01:38

Instrument :

MSVOA_U

ClientSampleId :

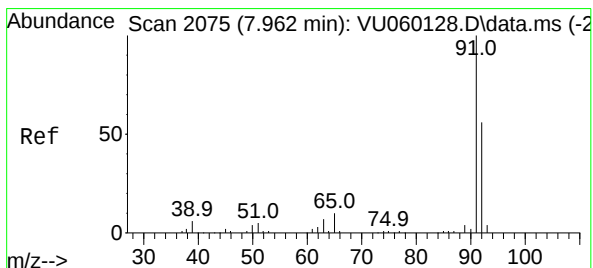
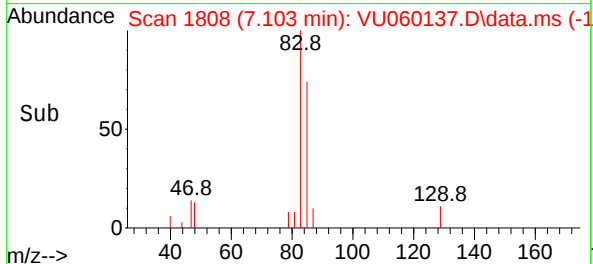
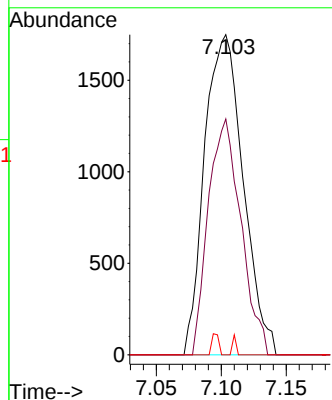
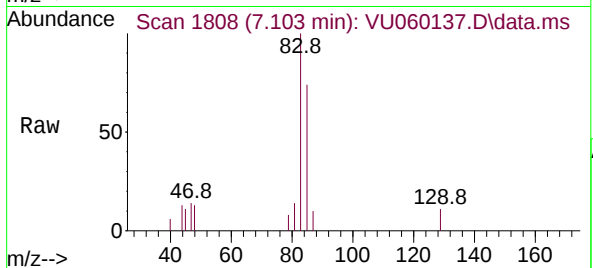
Tgt Ion: 83 Resp: 3614

Ion Ratio Lower Upper

83 100

85 73.6 43.5 80.7

127 0.0 7.1 10.7#



#42

Toluene

Concen: 0.425 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU060137.D

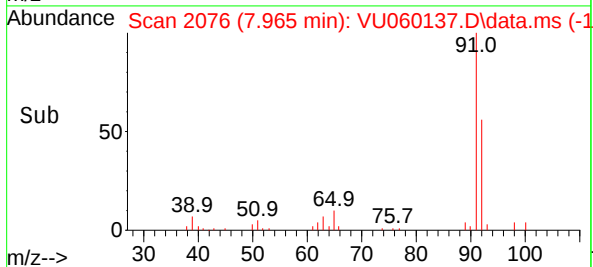
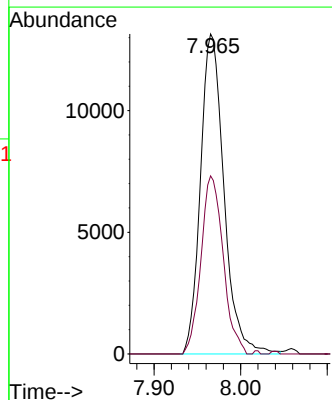
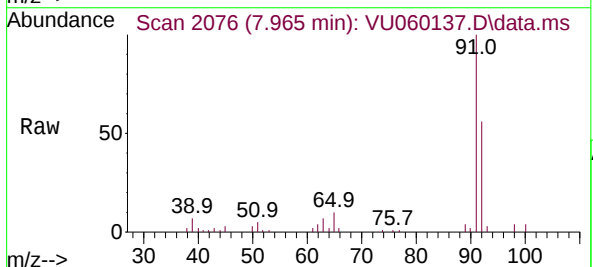
Acq: 24 Jul 2024 01:38

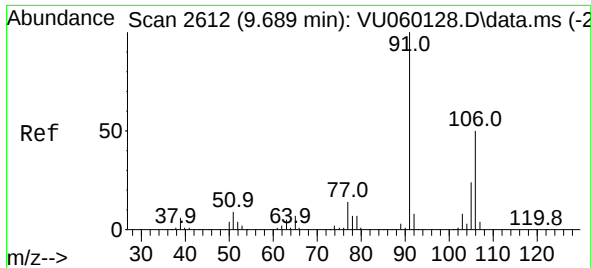
Tgt Ion: 91 Resp: 24826

Ion Ratio Lower Upper

91 100

92 55.7 39.8 73.8

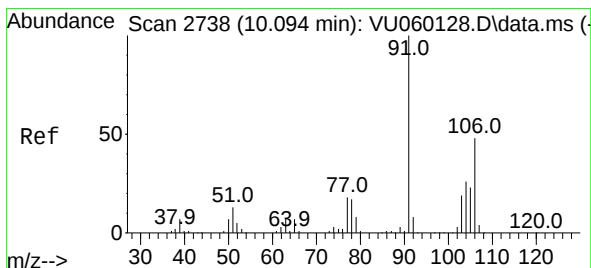
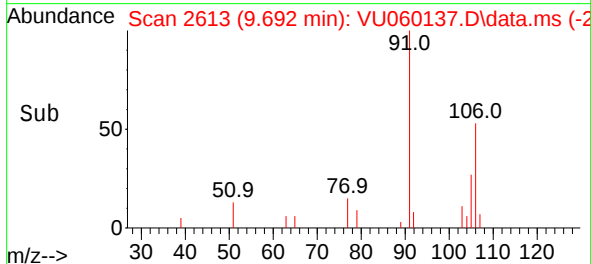
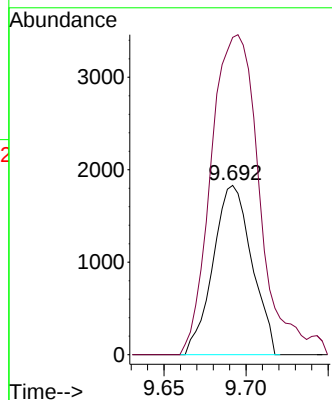
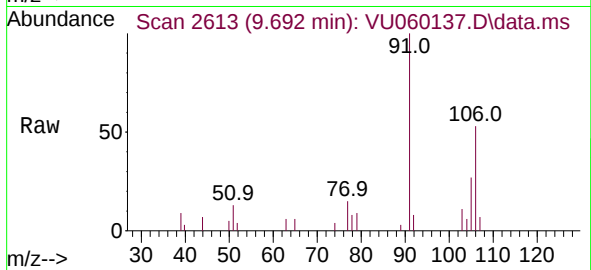




#53
m,p-Xylene
Concen: 0.134 ug/L
RT: 9.692 min Scan# 2740
Delta R.T. 0.003 min
Lab File: VU060137.D
Acq: 24 Jul 2024 01:38

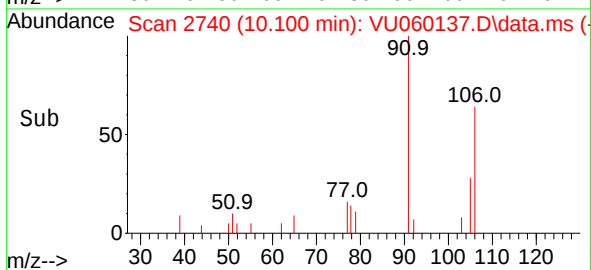
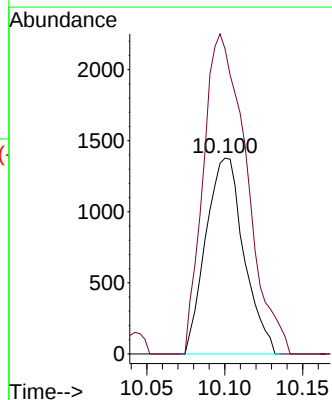
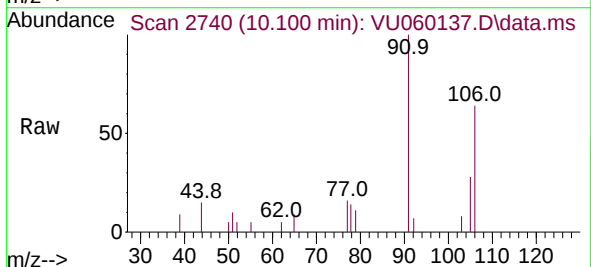
Instrument :
MSVOA_U
ClientSampleId :

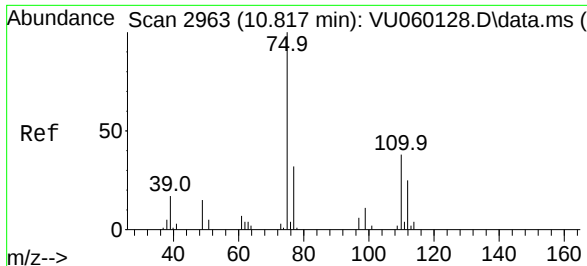
Tgt Ion:106 Resp: 3008
Ion Ratio Lower Upper
106 100
91 187.4 141.3 262.5



#54
o-Xylene
Concen: 0.109 ug/L
RT: 10.100 min Scan# 2740
Delta R.T. 0.006 min
Lab File: VU060137.D
Acq: 24 Jul 2024 01:38

Tgt Ion:106 Resp: 2341
Ion Ratio Lower Upper
106 100
91 155.9 143.6 266.6

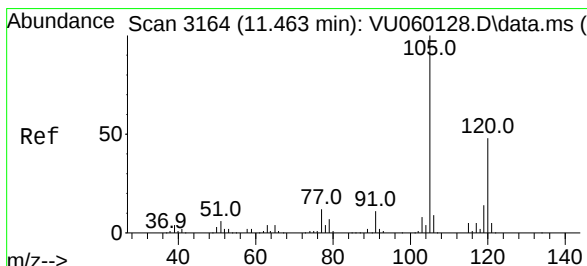
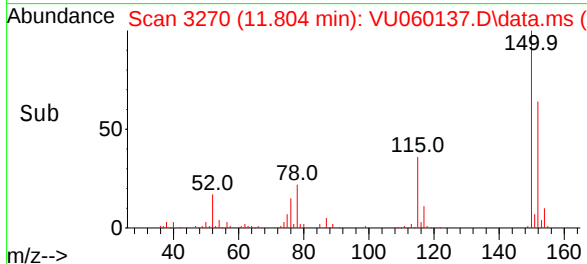
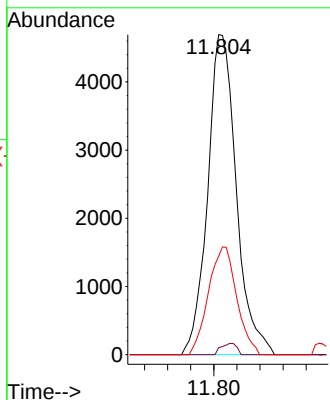
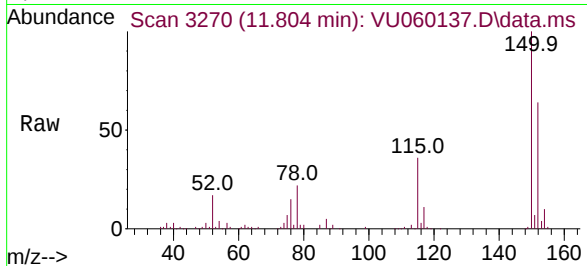




#61
 1,2,3-Trichloropropane
 Concen: 0.997 ug/L
 RT: 11.804 min Scan# 311
 Delta R.T. 0.987 min
 Lab File: VU060137.D
 Acq: 24 Jul 2024 01:38

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 8074
 Ion Ratio Lower Upper
 75 100
 110 1.9 30.8 46.2#
 77 33.2 26.2 39.2



#63
 1,2,4-Trimethylbenzene
 Concen: 0.055 ug/L
 RT: 11.467 min Scan# 3165
 Delta R.T. 0.003 min
 Lab File: VU060137.D
 Acq: 24 Jul 2024 01:38

Tgt Ion: 105 Resp: 2040
 Ion Ratio Lower Upper
 105 100
 120 45.3 36.7 55.1

