

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072424\
 Data File : VU060153.D
 Acq On : 24 Jul 2024 15:03
 Operator : MD/SY
 Sample : P3244-06DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 25 05:13:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 25 05:11:47 2024
 Response via : Initial Calibration

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

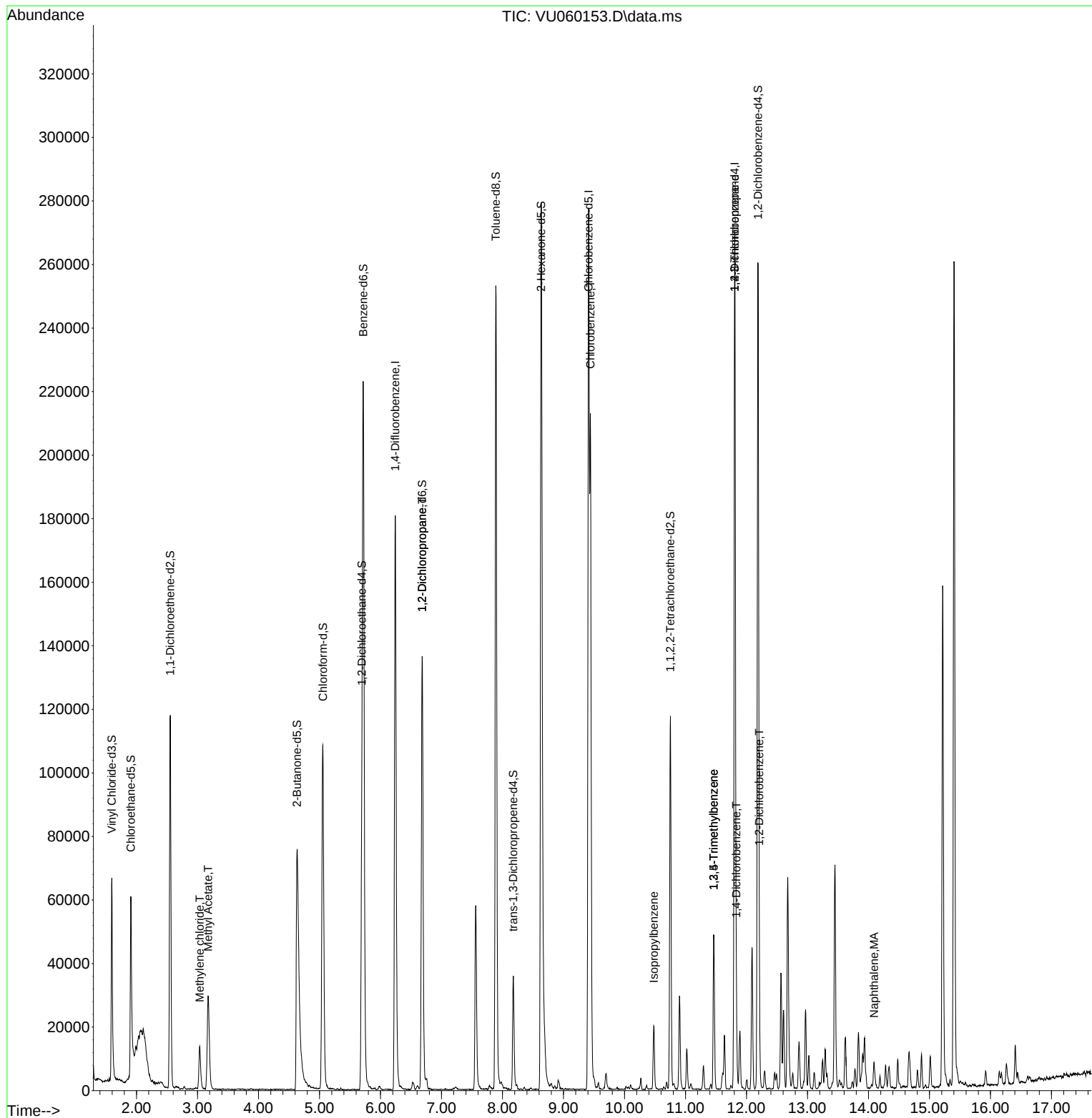
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	149957	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	157987	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	73970	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	54976	5.269	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.400%
7) Chloroethane-d5	1.907	69	51139	5.276	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.600%
11) 1,1-Dichloroethene-d2	2.550	65	21699	5.327	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.600%
20) 2-Butanone-d5	4.631	46	141086	57.839	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.680%
24) Chloroform-d	5.055	84	107019	4.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.695	65	53074	5.198	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	5.718	84	214127	5.059	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.682	67	72205	5.353	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.000%
41) Toluene-d8	7.891	98	175821	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.177	79	21657	4.717	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.634	63	111168	54.563	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.120%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	61960	5.161	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	69813	5.229	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						Qvalue
15) Methyl Acetate	3.174	43	2556	0.644	ug/L #	45
16) Methylene chloride	3.036	84	7033	0.501	ug/L	88
37) 1,2-Dichloropropane	6.682	63	7280	0.516	ug/L #	88
51) Chlorobenzene	9.441	112	111275	3.067	ug/L	97
60) Isopropylbenzene	10.483	105	13229	0.273	ug/L	95
61) 1,2,3-Trichloropropane	11.807	75	11624	1.490	ug/L #	63
62) 1,3,5-Trimethylbenzene	11.463	105	25998	0.703	ug/L	94
63) 1,2,4-Trimethylbenzene	11.463	105	25998	0.728	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	6803	0.257	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	3644	0.146	ug/L #	91
71) Naphthalene	14.090	128	8195	0.387	ug/L	97

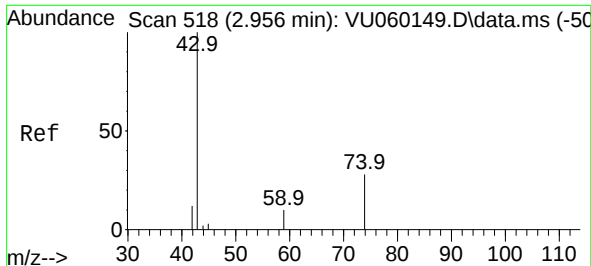
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Methyl Acetate

Concen: 0.644 ug/L

RT: 3.174 min Scan# 518

Delta R.T. 0.219 min

Lab File: VU060153.D

Acq: 24 Jul 2024 15:03

Instrument :

MSVOA_U

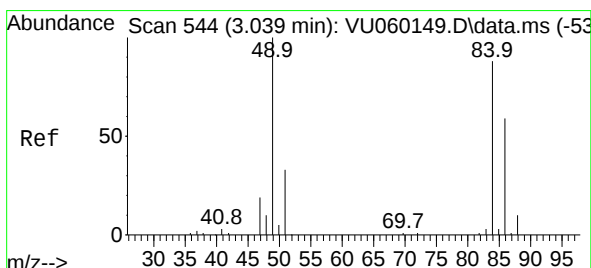
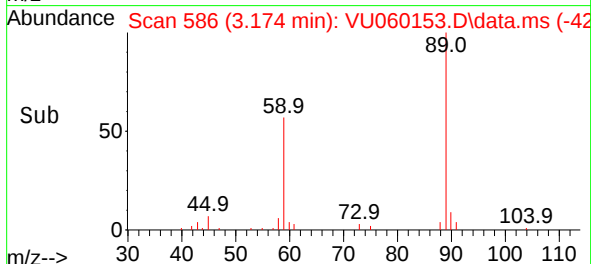
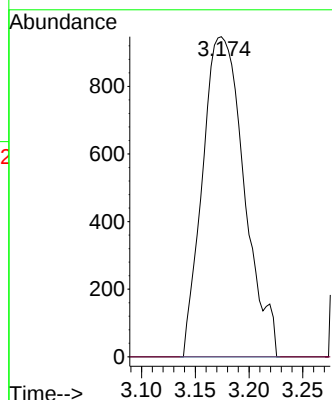
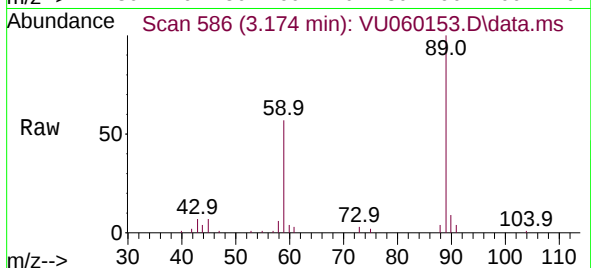
ClientSampleId :

Tgt Ion: 43 Resp: 2556

Ion Ratio Lower Upper

43 100

74 0.0 23.5 35.3#



#16

Methylene chloride

Concen: 0.501 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU060153.D

Acq: 24 Jul 2024 15:03

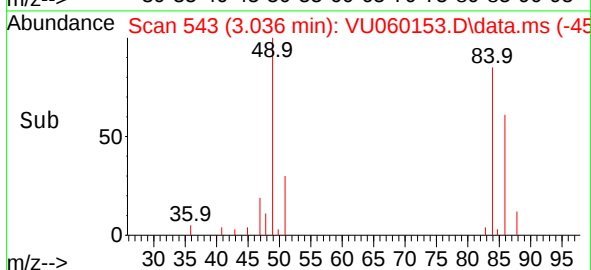
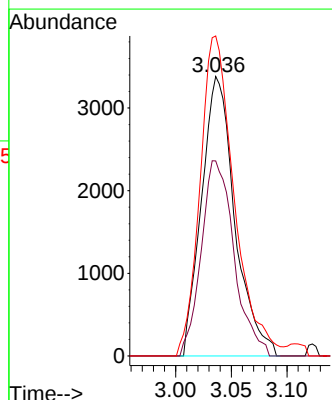
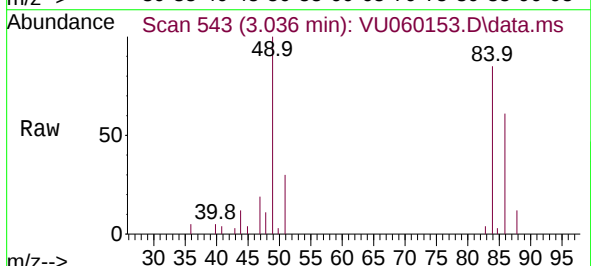
Tgt Ion: 84 Resp: 7033

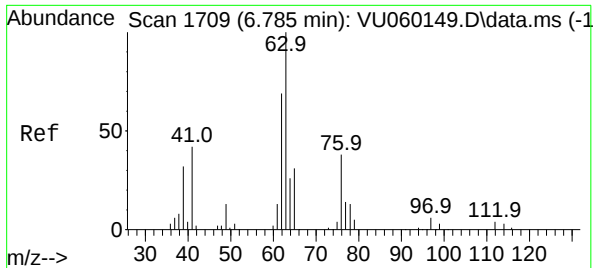
Ion Ratio Lower Upper

84 100

86 69.8 44.4 82.5

49 118.3 72.0 133.6

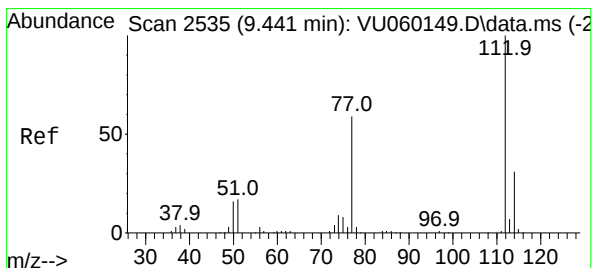
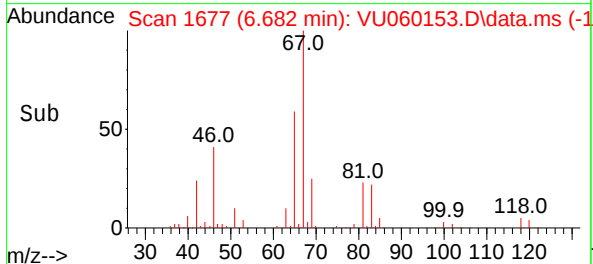
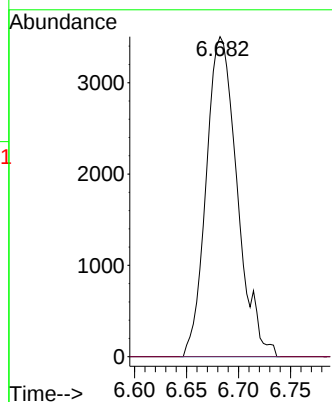
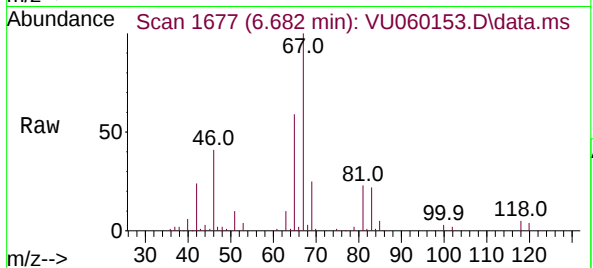




#37
1,2-Dichloropropane
Concen: 0.516 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU060153.D
Acq: 24 Jul 2024 15:03

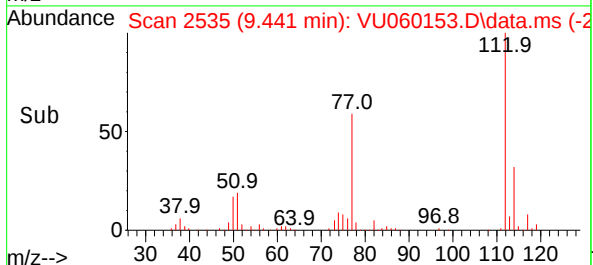
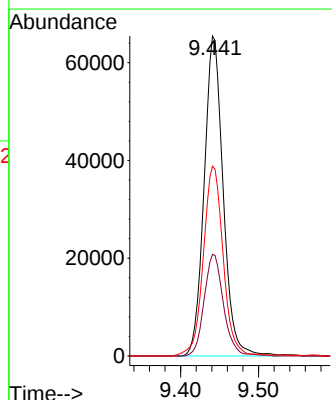
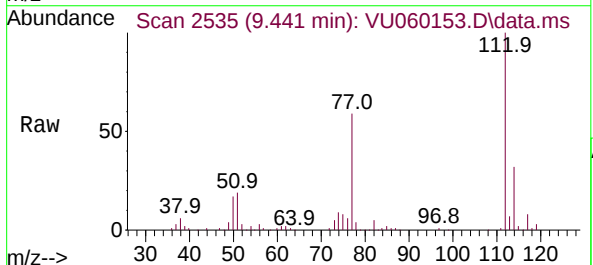
Instrument :
MSVOA_U
ClientSampleId :

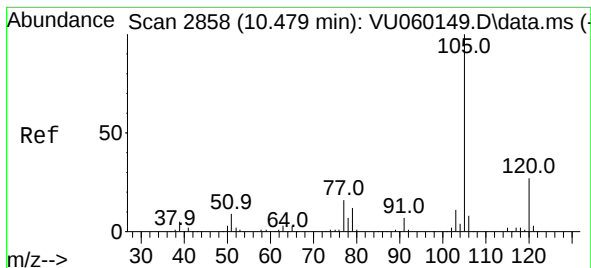
Tgt Ion: 63 Resp: 7280
Ion Ratio Lower Upper
63 100
112 0.3 3.3 4.9#



#51
Chlorobenzene
Concen: 3.067 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.000 min
Lab File: VU060153.D
Acq: 24 Jul 2024 15:03

Tgt Ion: 112 Resp: 111275
Ion Ratio Lower Upper
112 100
114 31.8 22.1 41.1
77 59.4 44.7 67.1





#60

Isopropylbenzene

Concen: 0.273 ug/L

RT: 10.483 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU060153.D

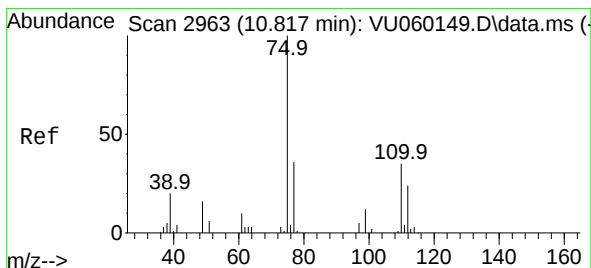
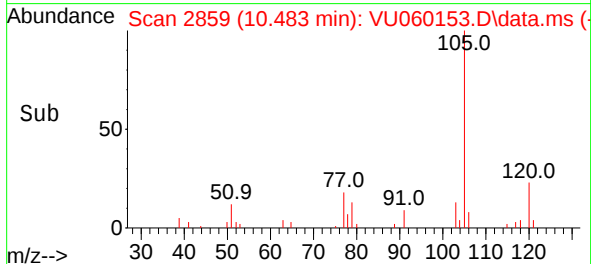
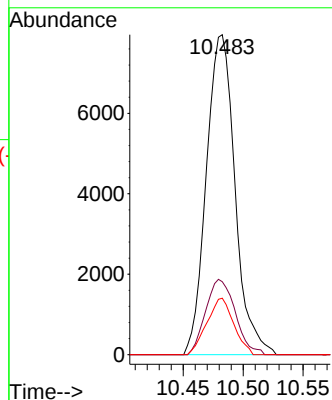
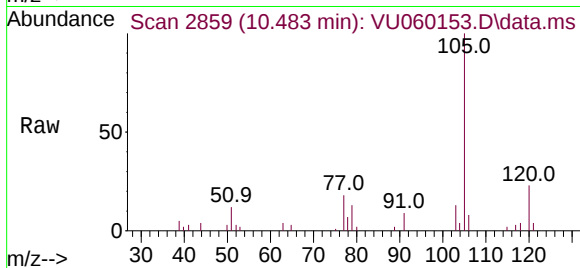
Acq: 24 Jul 2024 15:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:105	Resp:	13229
Ion Ratio	Lower	Upper
105	100	
120	24.3	21.9 32.9
77	16.5	12.1 18.1



#61

1,2,3-Trichloropropane

Concen: 1.490 ug/L

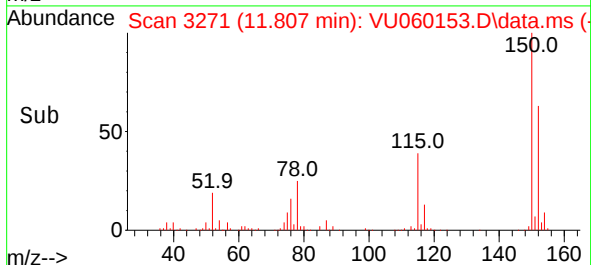
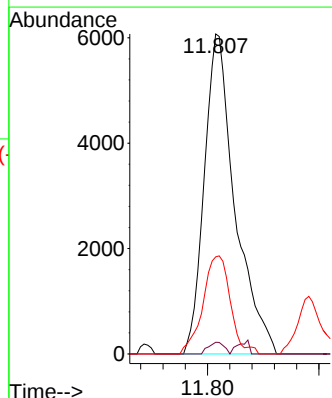
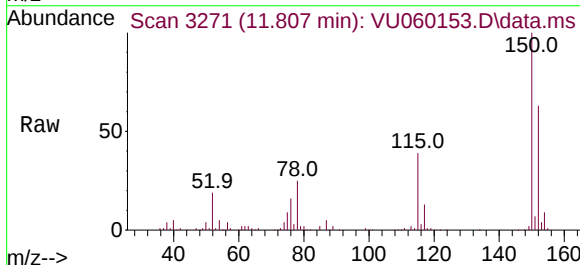
RT: 11.807 min Scan# 3271

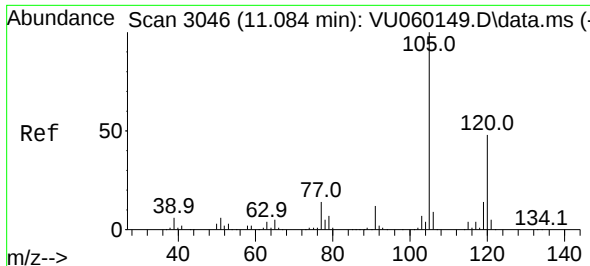
Delta R.T. 0.990 min

Lab File: VU060153.D

Acq: 24 Jul 2024 15:03

Tgt Ion: 75	Resp:	11624
Ion Ratio	Lower	Upper
75	100	
110	1.9	30.8 46.2#
77	27.3	26.2 39.2





#62

1,3,5-Trimethylbenzene

Concen: 0.703 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.379 min

Lab File: VU060153.D

Acq: 24 Jul 2024 15:03

Instrument :

MSVOA_U

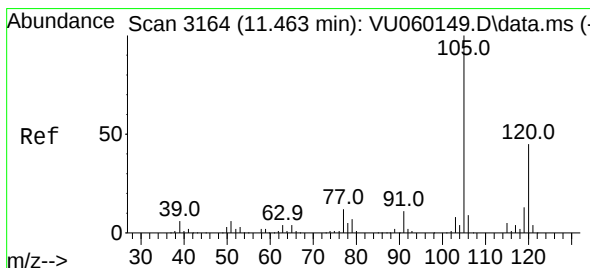
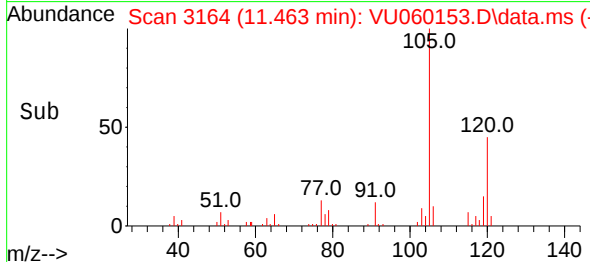
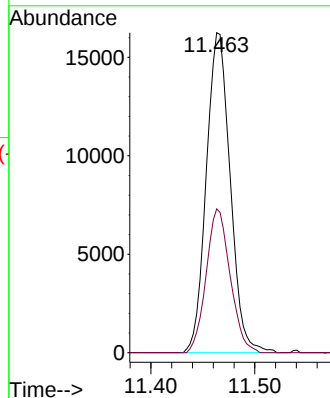
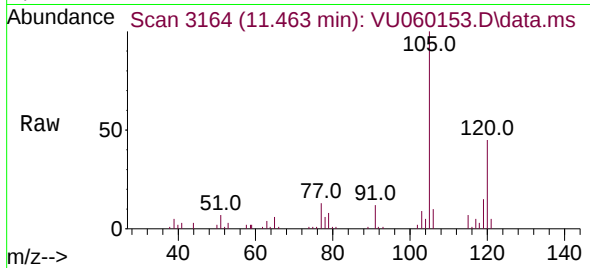
ClientSampleId :

Tgt Ion:105 Resp: 25998

Ion Ratio Lower Upper

105 100

120 45.0 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 0.728 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. -0.000 min

Lab File: VU060153.D

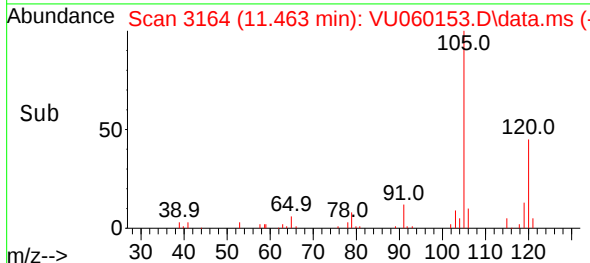
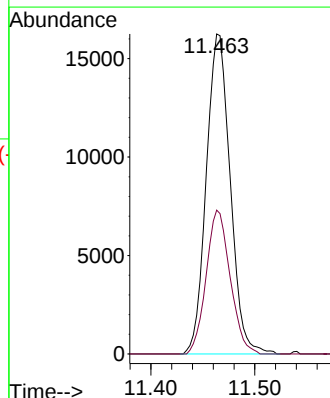
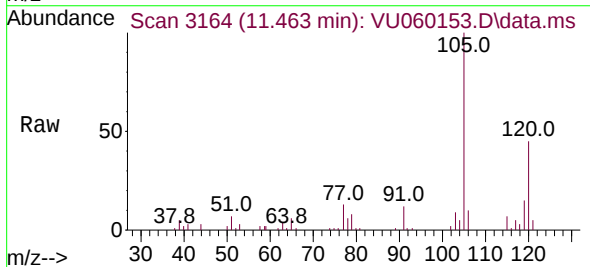
Acq: 24 Jul 2024 15:03

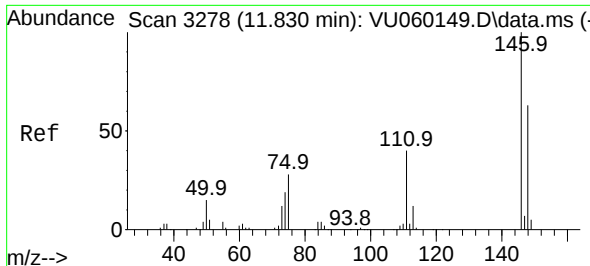
Tgt Ion:105 Resp: 25998

Ion Ratio Lower Upper

105 100

120 45.0 36.7 55.1





#65

1,4-Dichlorobenzene

Concen: 0.257 ug/L

RT: 11.833 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU060153.D

Acq: 24 Jul 2024 15:03

Instrument :

MSVOA_U

ClientSampleId :

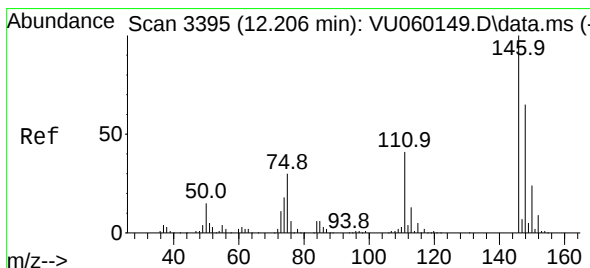
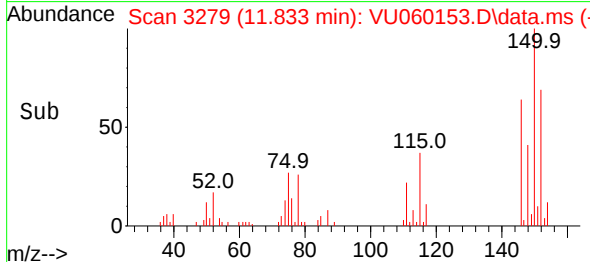
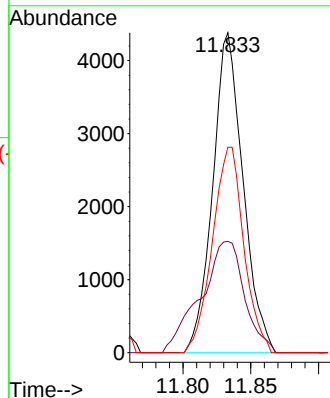
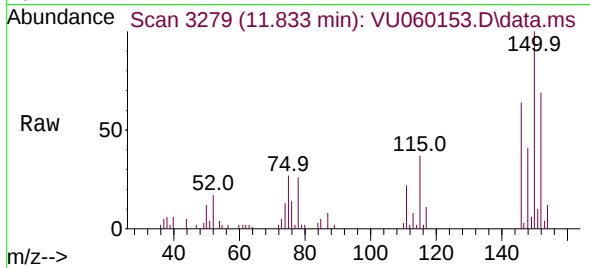
Tgt Ion:146 Resp: 6803

Ion Ratio Lower Upper

146 100

111 34.8 26.5 49.1

148 64.2 45.3 84.1



#67

1,2-Dichlorobenzene

Concen: 0.146 ug/L

RT: 12.209 min Scan# 3396

Delta R.T. 0.003 min

Lab File: VU060153.D

Acq: 24 Jul 2024 15:03

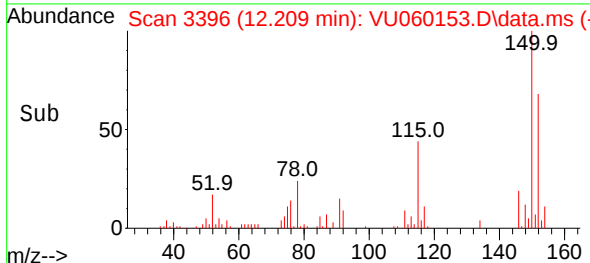
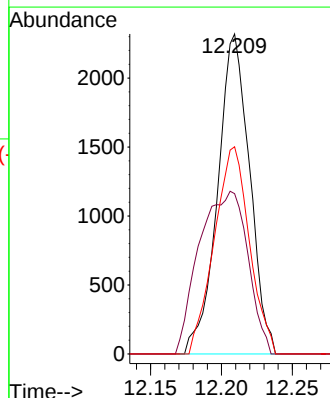
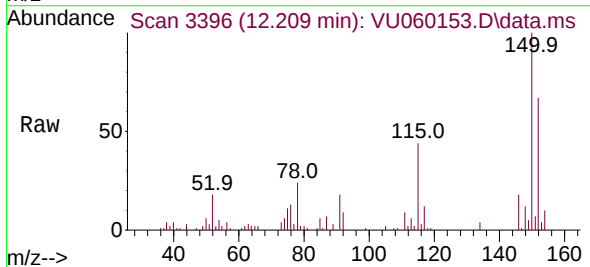
Tgt Ion:146 Resp: 3644

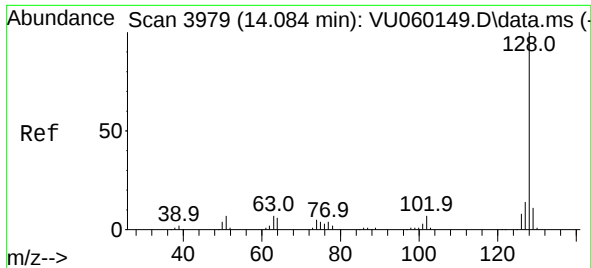
Ion Ratio Lower Upper

146 100

111 50.1 30.9 46.3#

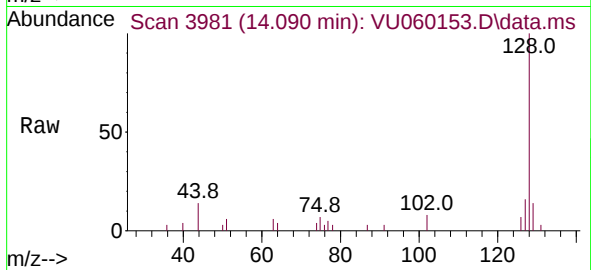
148 64.7 49.8 74.8





#71
Naphthalene
Concen: 0.387 ug/L
RT: 14.090 min Scan# 3981
Delta R.T. 0.006 min
Lab File: VU060153.D
Acq: 24 Jul 2024 15:03

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	8195
Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.2	12.4
127	12.6	10.6	16.0

