

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
 Data File : VU061653.D
 Acq On : 14 Nov 2024 03:51
 Operator : MD/SY
 Sample : P4803-17 5X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 14 04:10:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 14 04:06:27 2024
 Response via : Initial Calibration

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

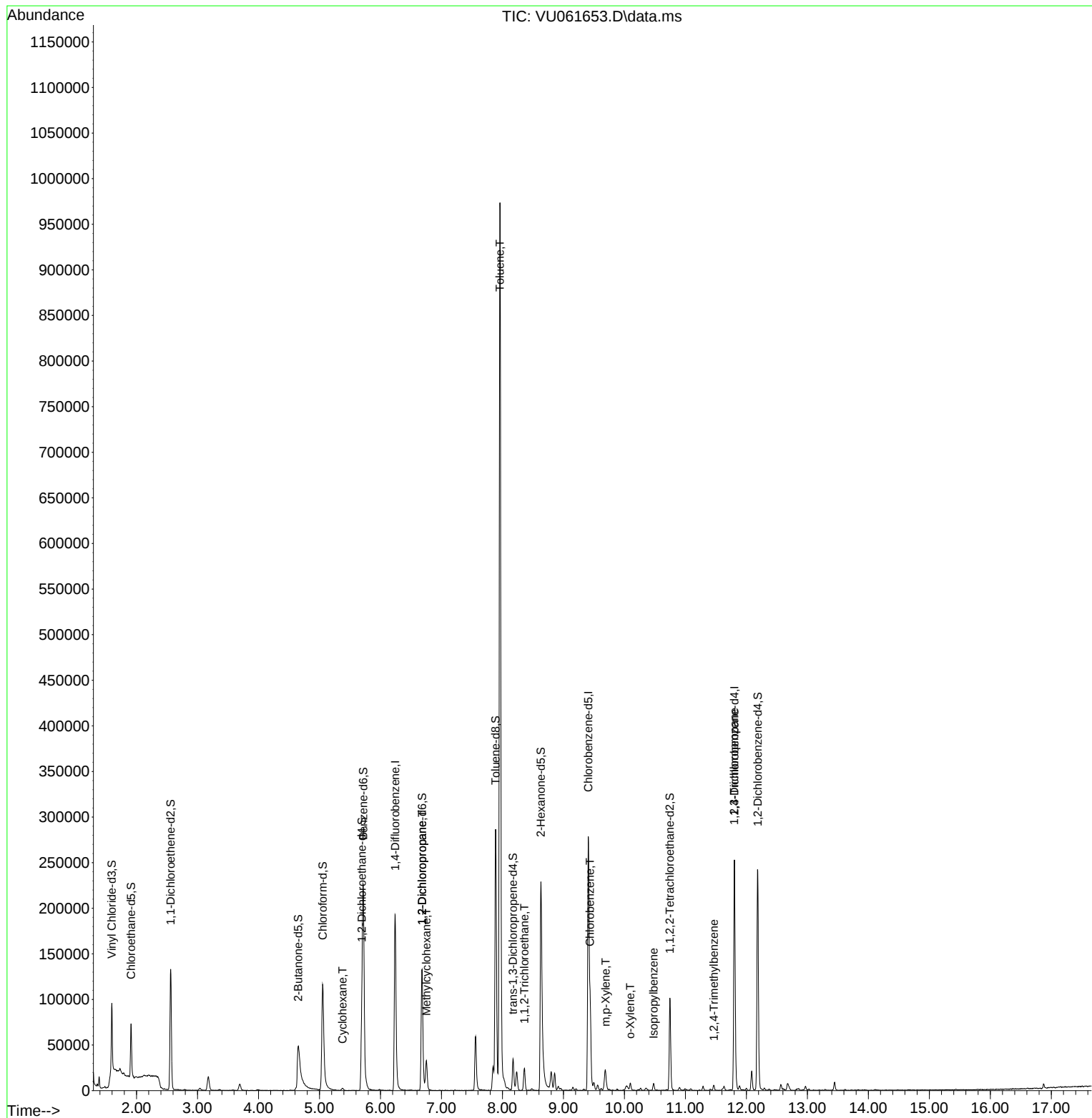
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	173951	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	159768	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	70129	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	52405	4.663	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.200%
7) Chloroethane-d5	1.911	69	43568	4.541	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.800%
11) 1,1-Dichloroethene-d2	2.560	65	25055	4.969	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.400%
20) 2-Butanone-d5	4.653	46	98996	41.498	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.000%
24) Chloroform-d	5.052	84	106055	4.747	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.695	65	53326	4.974	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.718	84	224872	5.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.682	67	66772	5.122	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.888	98	201369	4.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	8.174	79	21591	4.496	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.631	63	97148	51.199	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.400%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	50275	4.892	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	68541	5.487	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.800%
Target Compounds						
30) Cyclohexane	5.377	56	1351	0.074	ug/L #	87
35) Methylcyclohexane	6.753	83	13458	0.683	ug/L	96
37) 1,2-Dichloropropane	6.682	63	7083	0.577	ug/L #	89
42) Toluene	7.959	91	748682	14.380	ug/L	100
45) 1,1,2-Trichloroethane	8.361	97	9350	1.046	ug/L #	17
51) Chlorobenzene	9.438	112	52292	1.560	ug/L	98
53) m,p-Xylene	9.692	106	5427	0.256	ug/L	94
54) o-Xylene	10.097	106	2345	0.114	ug/L	81
60) Isopropylbenzene	10.479	105	5634	0.116	ug/L #	82
61) 1,2,3-Trichloropropane	11.801	75	8389	1.270	ug/L #	67
63) 1,2,4-Trimethylbenzene	11.467	105	4071	0.107	ug/L	97

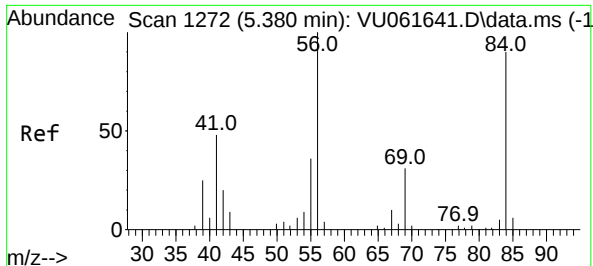
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#30

Cyclohexane

Concen: 0.074 ug/L

RT: 5.377 min Scan# 1699

Delta R.T. -0.003 min

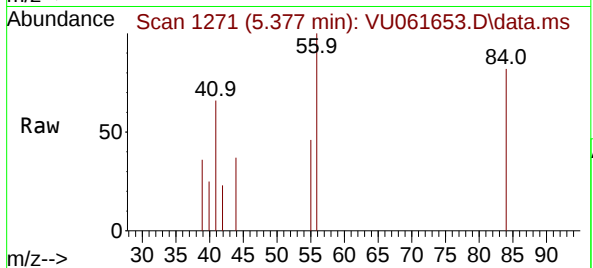
Lab File: VU061653.D

Acq: 14 Nov 2024 03:51

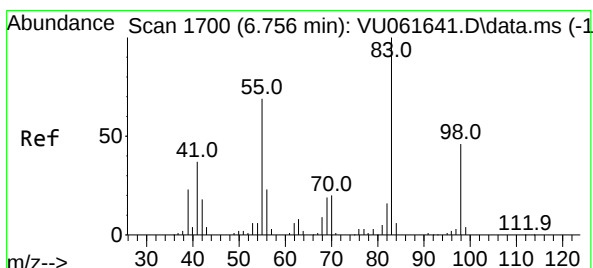
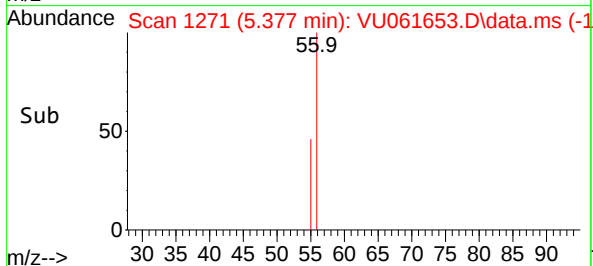
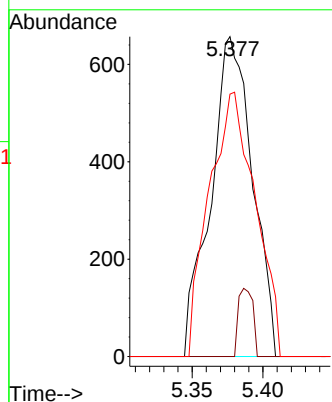
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	56	Resp:	1351
Ion Ratio	100	Lower	Upper
56	100		
69	7.3	25.6	38.4#
84	91.1	74.3	111.5



#35

Methylcyclohexane

Concen: 0.683 ug/L

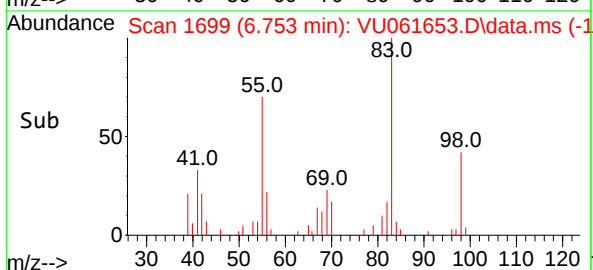
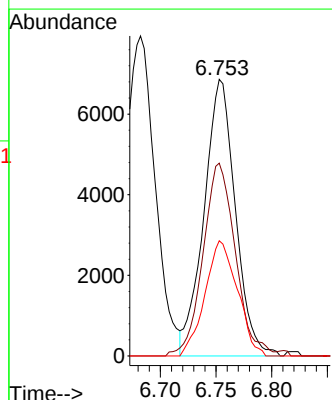
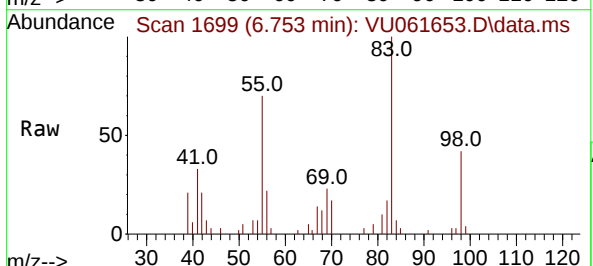
RT: 6.753 min Scan# 1699

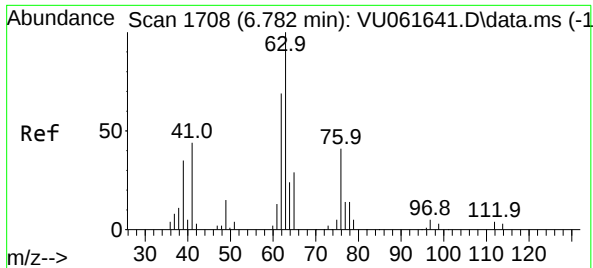
Delta R.T. -0.003 min

Lab File: VU061653.D

Acq: 14 Nov 2024 03:51

Tgt Ion:	83	Resp:	13458
Ion Ratio	100	Lower	Upper
83	100		
55	72.0	56.4	84.6
98	42.9	37.7	56.5

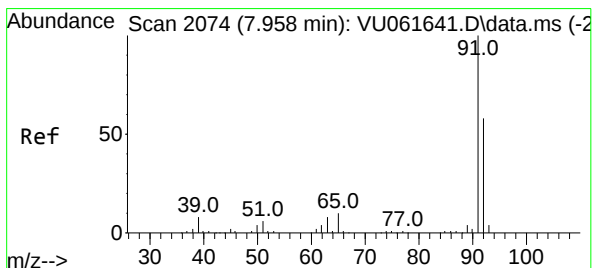
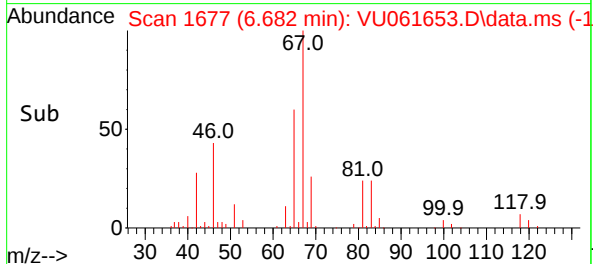
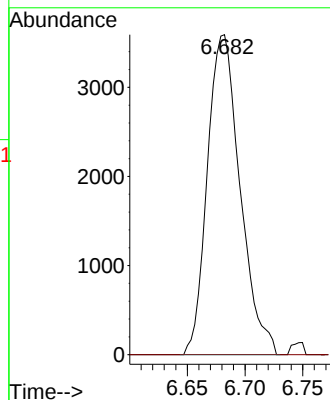
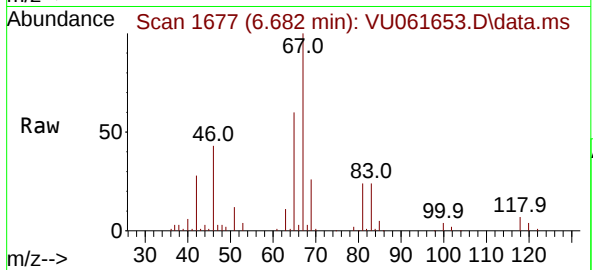




#37
1,2-Dichloropropane
Concen: 0.577 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.099 min
Lab File: VU061653.D
Acq: 14 Nov 2024 03:51

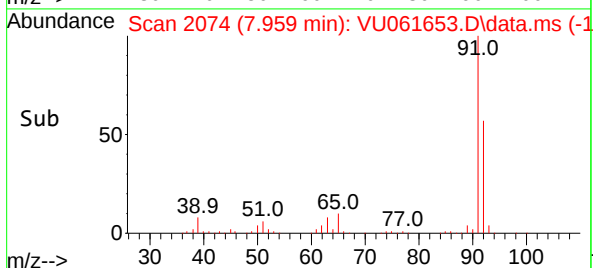
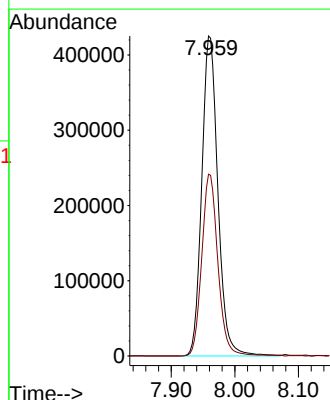
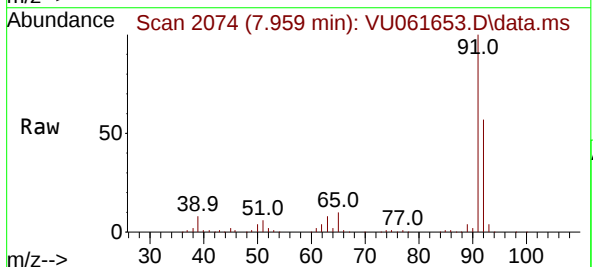
Instrument :
MSVOA_U
ClientSampleId :

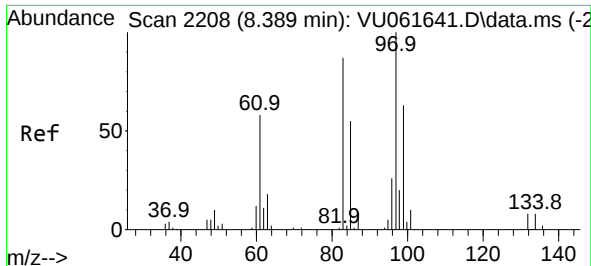
Tgt Ion: 63 Resp: 7083
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#42
Toluene
Concen: 14.380 ug/L
RT: 7.959 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VU061653.D
Acq: 14 Nov 2024 03:51

Tgt Ion: 91 Resp: 748682
Ion Ratio Lower Upper
91 100
92 56.8 39.7 73.7

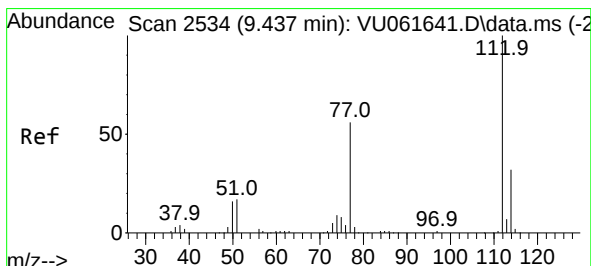
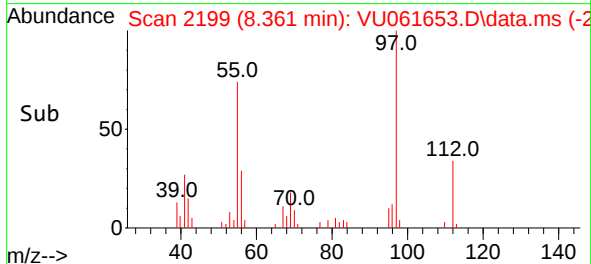
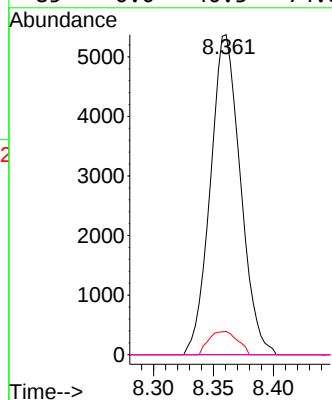
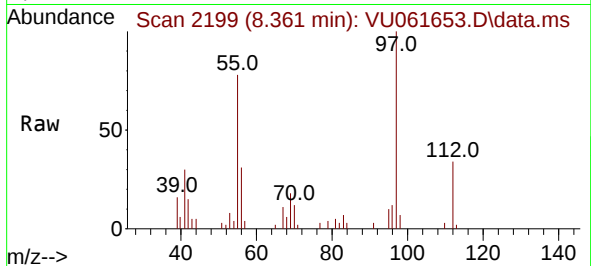




#45
1,1,2-Trichloroethane
Concen: 1.046 ug/L
RT: 8.361 min Scan# 2199
Delta R.T. -0.029 min
Lab File: VU061653.D
Acq: 14 Nov 2024 03:51

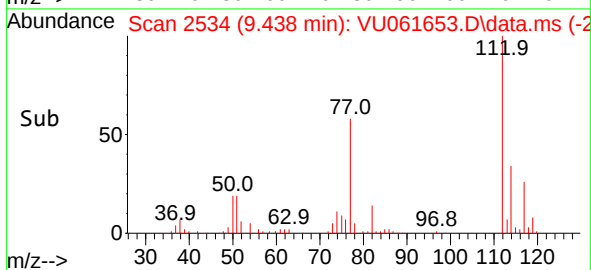
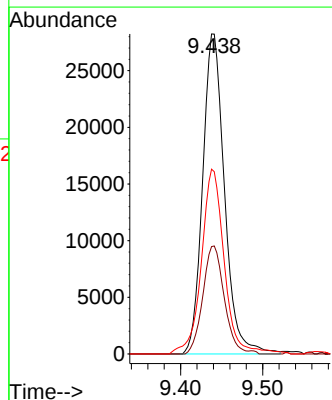
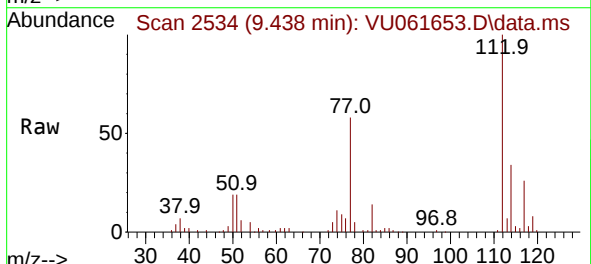
Instrument :
MSVOA_U
ClientSampleId :

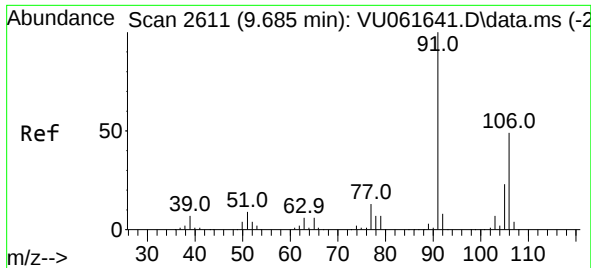
Tgt Ion: 97	Resp: 9350
Ion Ratio	Lower Upper
97 100	
99 0.0	43.8 81.3#
83 7.3	63.2 117.4#
85 0.0	40.3 74.8#



#51
Chlorobenzene
Concen: 1.560 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU061653.D
Acq: 14 Nov 2024 03:51

Tgt Ion: 112	Resp: 52292
Ion Ratio	Lower Upper
112 100	
114 33.6	22.5 41.9
77 57.7	45.3 67.9

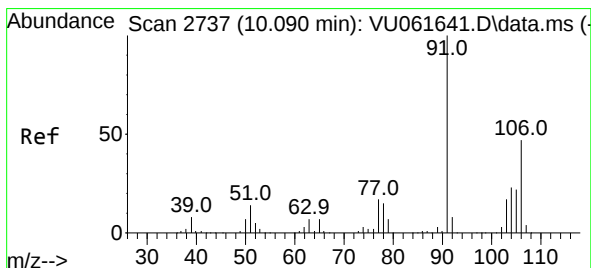
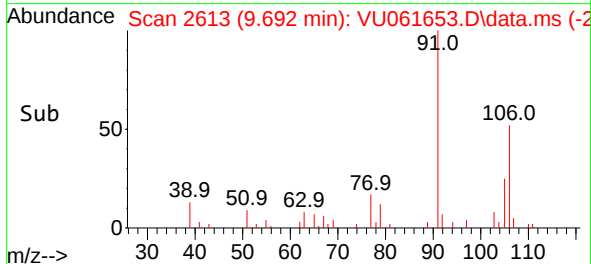
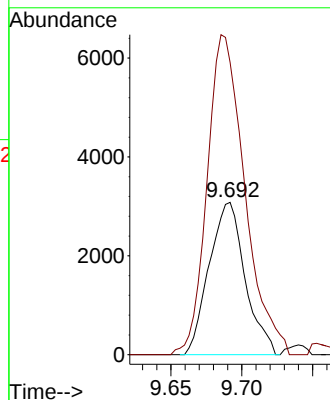
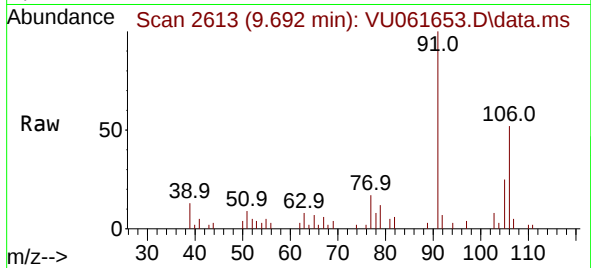




#53
m,p-Xylene
Concen: 0.256 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.007 min
Lab File: VU061653.D
Acq: 14 Nov 2024 03:51

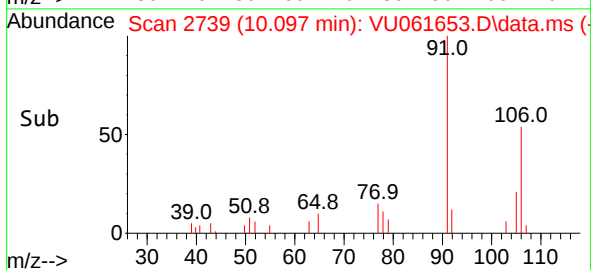
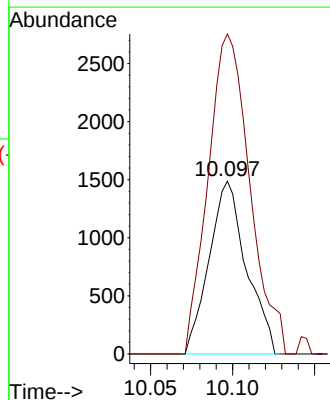
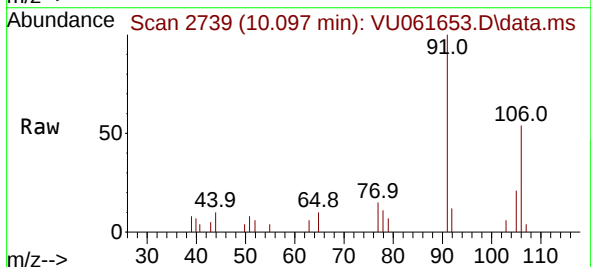
Instrument :
MSVOA_U
ClientSampleId :

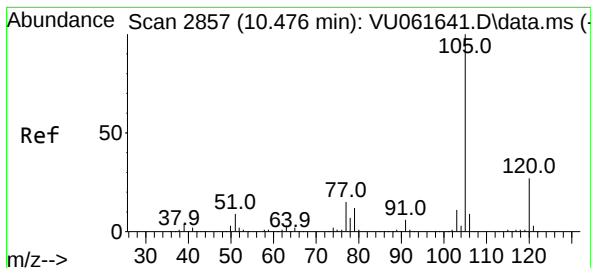
Tgt Ion:106 Resp: 5427
Ion Ratio Lower Upper
106 100
91 191.7 140.4 260.8



#54
o-Xylene
Concen: 0.114 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.007 min
Lab File: VU061653.D
Acq: 14 Nov 2024 03:51

Tgt Ion:106 Resp: 2345
Ion Ratio Lower Upper
106 100
91 185.3 151.3 280.9





#60

Isopropylbenzene

Concen: 0.116 ug/L

RT: 10.479 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU061653.D

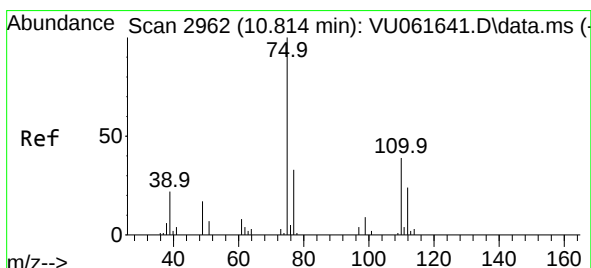
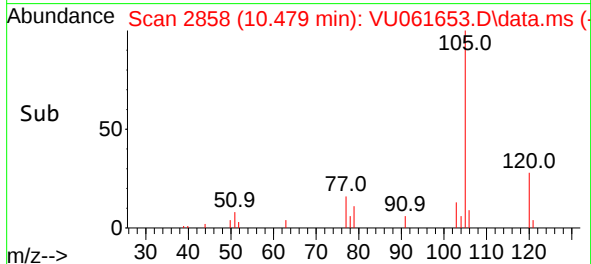
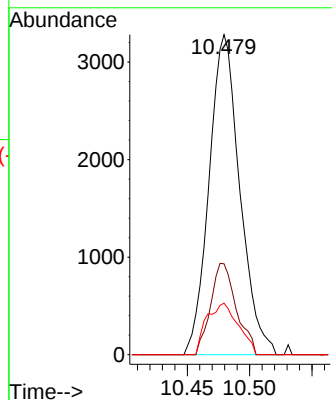
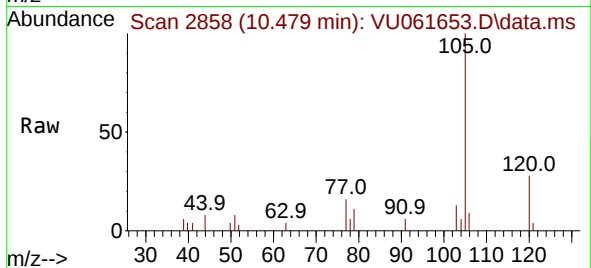
Acq: 14 Nov 2024 03:51

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	105	Resp:	5634
Ion Ratio	Lower	Upper	
105	100		
120	23.9	21.6	32.4
77	0.0	12.8	19.2#



#61

1,2,3-Trichloropropane

Concen: 1.270 ug/L

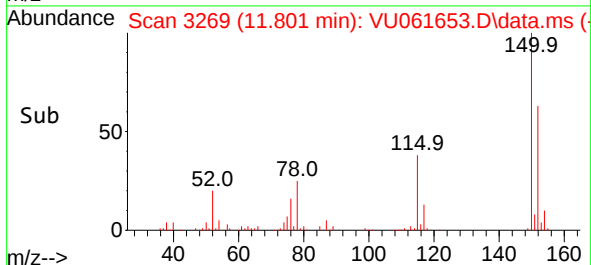
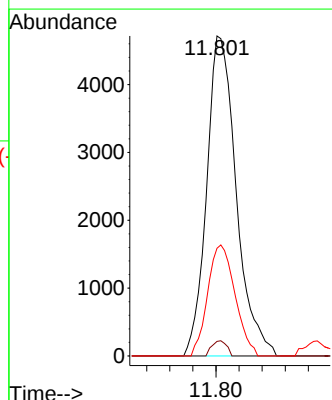
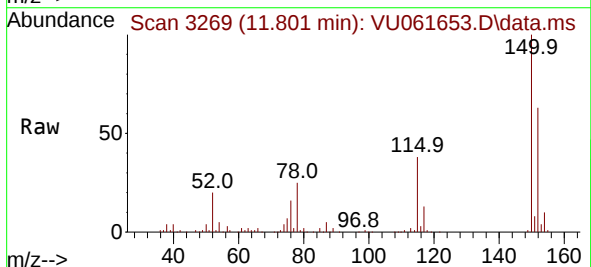
RT: 11.801 min Scan# 3269

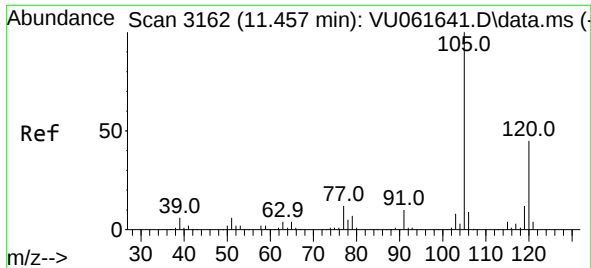
Delta R.T. 0.987 min

Lab File: VU061653.D

Acq: 14 Nov 2024 03:51

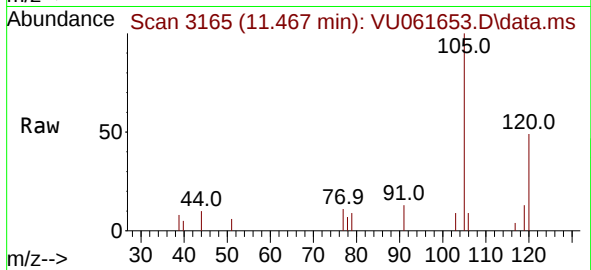
Tgt Ion:	75	Resp:	8389
Ion Ratio	Lower	Upper	
75	100		
110	2.4	31.3	46.9#
77	32.1	26.0	39.0





#63
1,2,4-Trimethylbenzene
Concen: 0.107 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.010 min
Lab File: VU061653.D
Acq: 14 Nov 2024 03:51

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:105 Resp: 4071
Ion Ratio Lower Upper
105 100
120 47.4 36.3 54.5

