

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020525\
 Data File : VU063177.D
 Acq On : 05 Feb 2025 23:42
 Operator : MD/SY
 Sample : Q1226-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCZL6

Quant Time: Feb 06 08:11:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020425WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 06 07:25:52 2025
 Response via : Initial Calibration

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

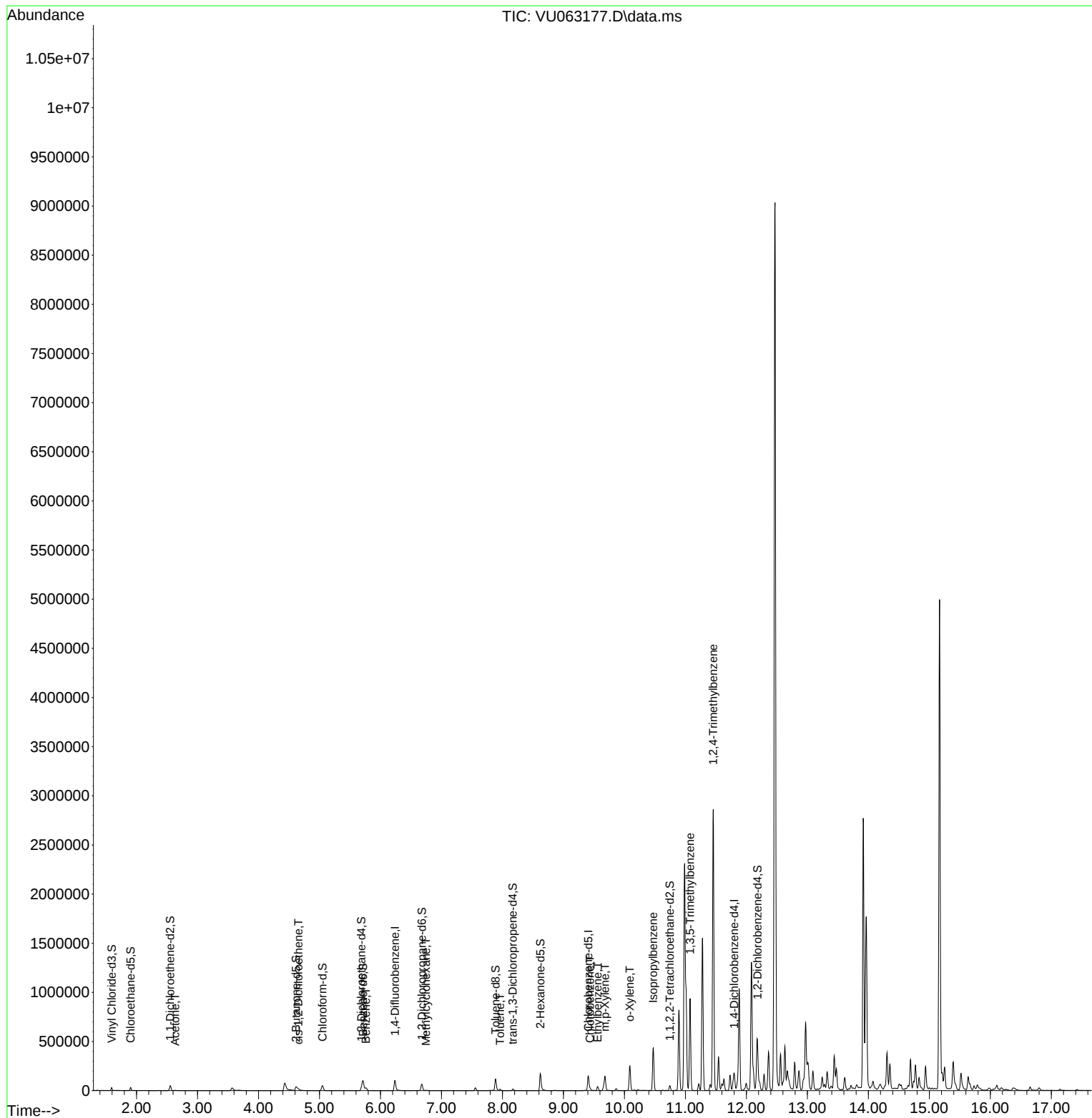
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	87158	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	83859	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	44057	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	20488	4.110	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.904	69	21129	4.566	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.554	65	9276	4.168	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	4.618	46	66395	40.455	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.900%
24) Chloroform-d	5.049	84	49464	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.689	65	25704	4.534	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.714	84	97889	4.475	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.679	67	33418	4.634	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.888	98	81783	4.232	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.171	79	11039	4.085	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.621	63	53701	39.487	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.980%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	27032	4.247	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	34574	4.700	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
13) Acetone	2.634	43	7495	7.252	ug/L	91
22) cis-1,2-Dichloroethene	4.657	96	4102	0.607	ug/L	95
33) Benzene	5.763	78	27580	0.999	ug/L	100
35) Methylcyclohexane	6.746	83	1610	0.153	ug/L	92
42) Toluene	7.962	91	11469	0.398	ug/L	94
51) Chlorobenzene	9.438	112	9918	0.570	ug/L	98
52) Ethylbenzene	9.560	91	29774	0.987	ug/L	99
53) m,p-Xylene	9.682	106	37560	3.451	ug/L	99
54) o-Xylene	10.090	106	67680	6.272	ug/L	97
60) Isopropylbenzene	10.473	105	281381	8.994	ug/L	100
62) 1,3,5-Trimethylbenzene	11.078	105	508853	20.620	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	1565936	65.987	ug/L	100

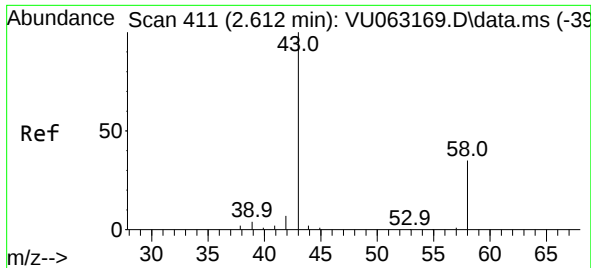
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.252 ug/L

RT: 2.634 min Scan# 411

Delta R.T. 0.023 min

Lab File: VU063177.D

Acq: 05 Feb 2025 23:42

Instrument :

MSVOA_U

ClientSampleId :

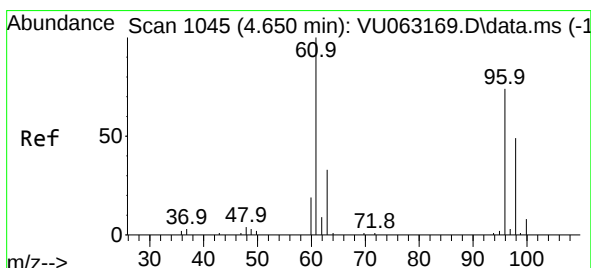
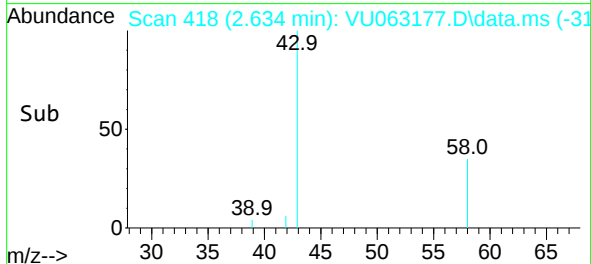
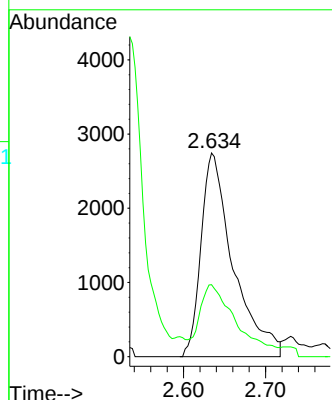
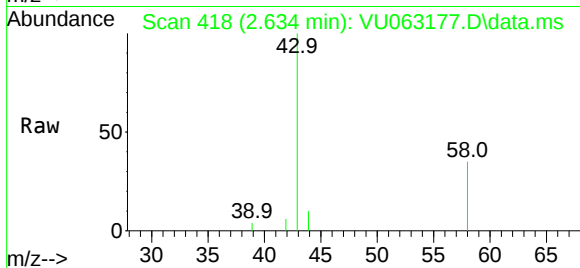
DCZL6

Tgt Ion: 43 Resp: 7495

Ion Ratio Lower Upper

43 100

58 30.0 0.0 70.2



#22

cis-1,2-Dichloroethene

Concen: 0.607 ug/L

RT: 4.657 min Scan# 1047

Delta R.T. 0.003 min

Lab File: VU063177.D

Acq: 05 Feb 2025 23:42

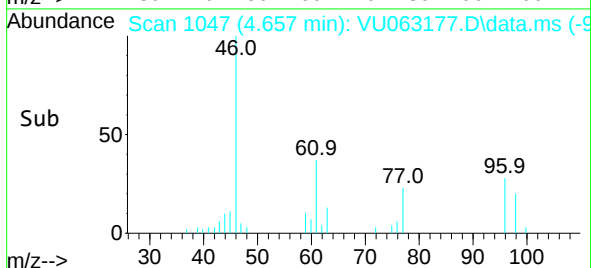
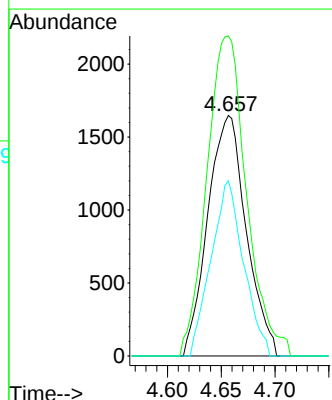
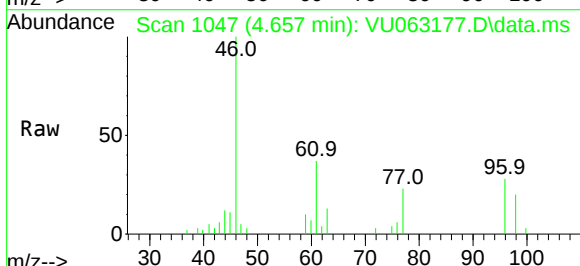
Tgt Ion: 96 Resp: 4102

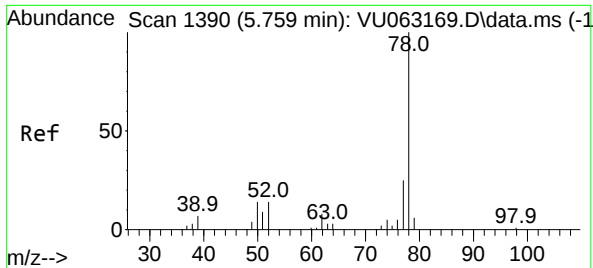
Ion Ratio Lower Upper

96 100

61 133.1 91.8 170.6

98 72.9 44.4 82.4

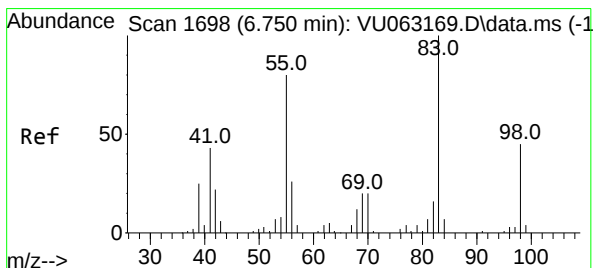
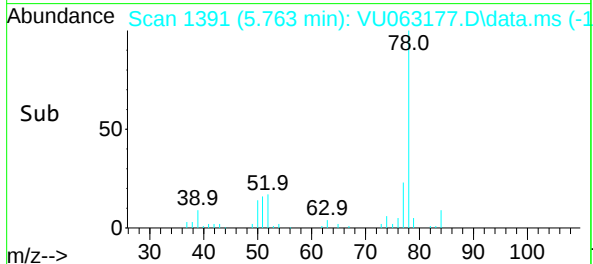
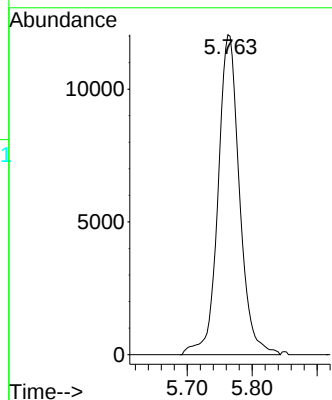
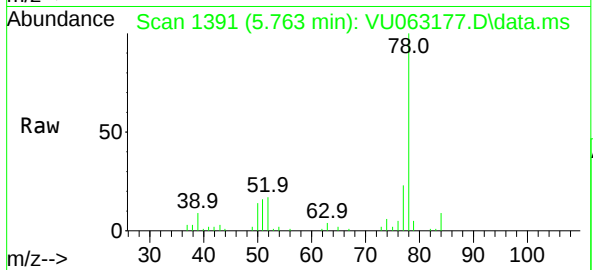




#33
Benzene
Concen: 0.999 ug/L
RT: 5.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063177.D
Acq: 05 Feb 2025 23:42

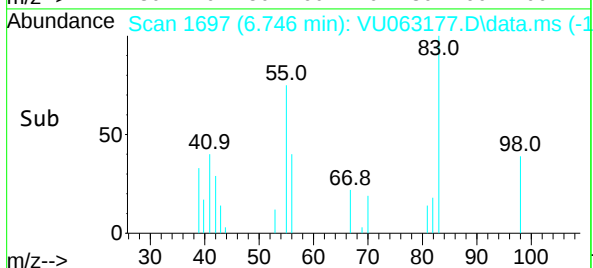
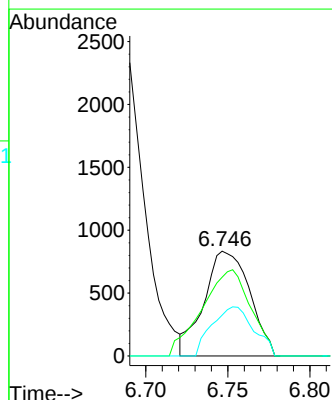
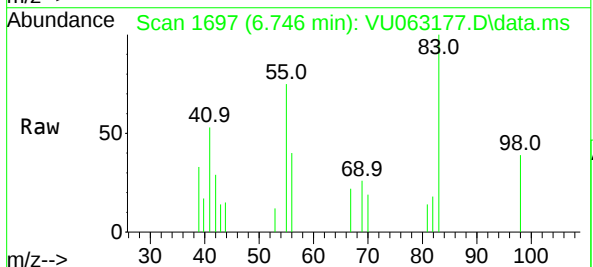
Instrument :
MSVOA_U
ClientSampleId :
DCZL6

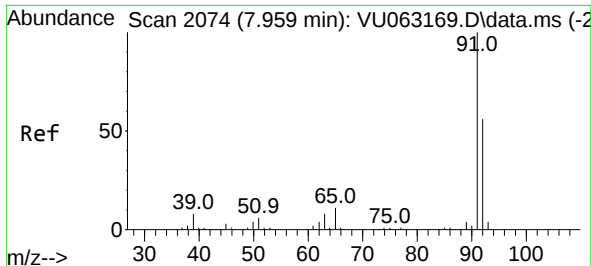
Tgt Ion: 78 Resp: 27580



#35
Methylcyclohexane
Concen: 0.153 ug/L
RT: 6.746 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VU063177.D
Acq: 05 Feb 2025 23:42

Tgt Ion: 83 Resp: 1610
Ion Ratio Lower Upper
83 100
55 87.7 62.8 94.2
98 42.9 36.0 54.0





#42

Toluene

Concen: 0.398 ug/L

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU063177.D

Acq: 05 Feb 2025 23:42

Instrument :

MSVOA_U

ClientSampleId :

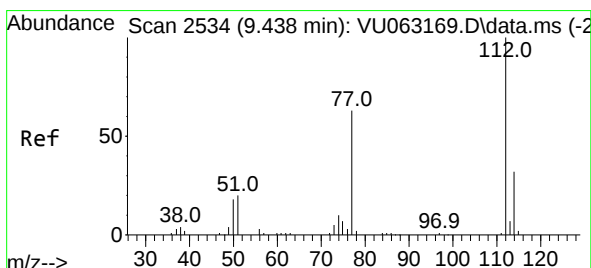
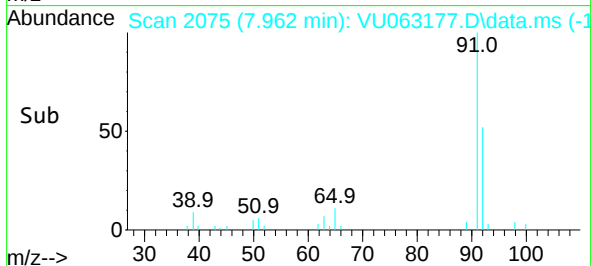
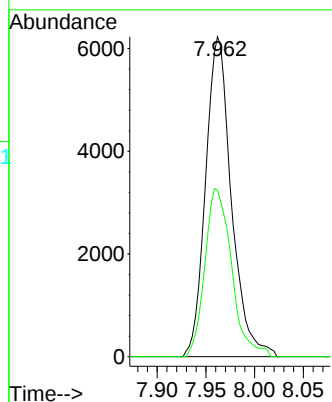
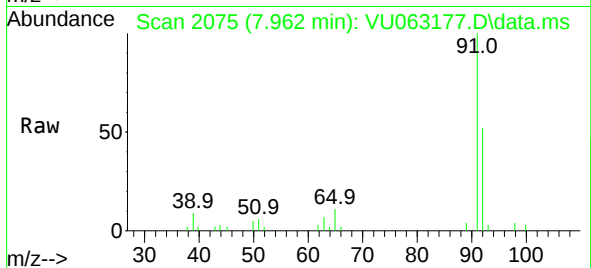
DCZL6

Tgt Ion: 91 Resp: 11469

Ion Ratio Lower Upper

91 100

92 52.0 39.5 73.4



#51

Chlorobenzene

Concen: 0.570 ug/L

RT: 9.438 min Scan# 2534

Delta R.T. 0.000 min

Lab File: VU063177.D

Acq: 05 Feb 2025 23:42

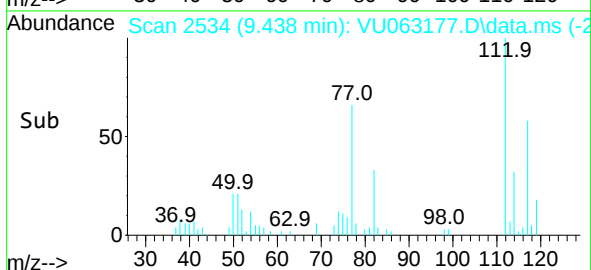
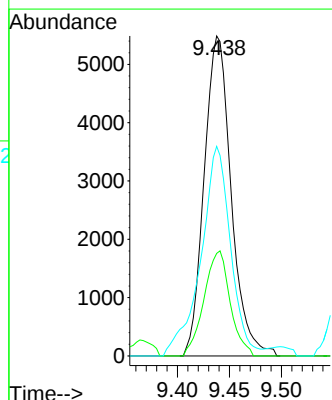
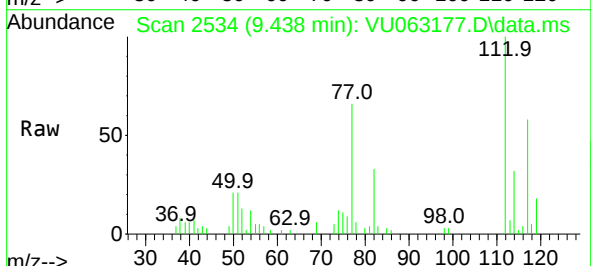
Tgt Ion: 112 Resp: 9918

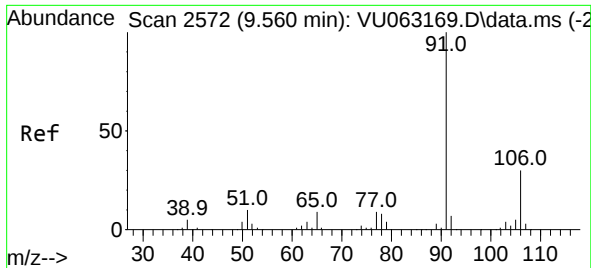
Ion Ratio Lower Upper

112 100

114 32.0 22.6 42.0

77 65.5 50.8 76.2

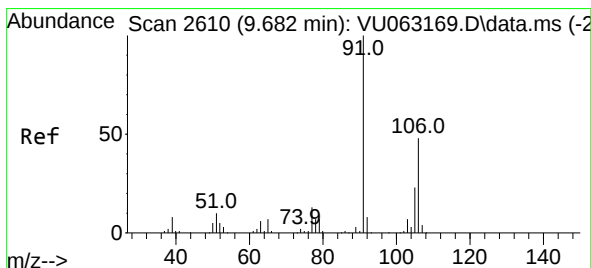
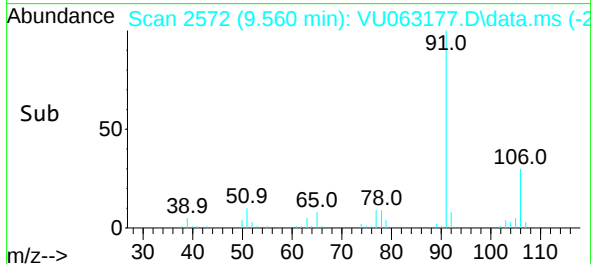
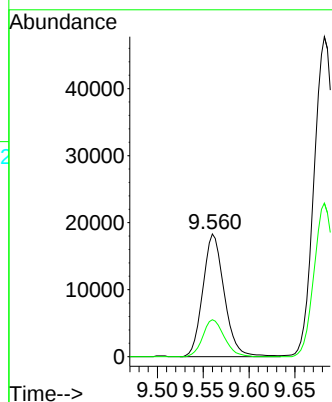
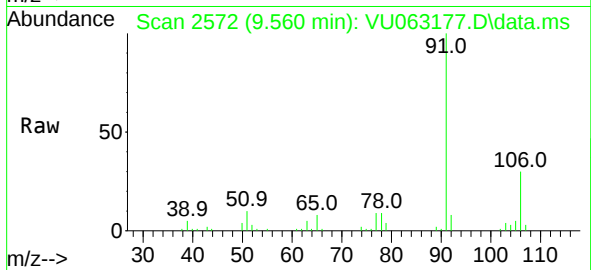




#52
Ethylbenzene
Concen: 0.987 ug/L
RT: 9.560 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063177.D
Acq: 05 Feb 2025 23:42

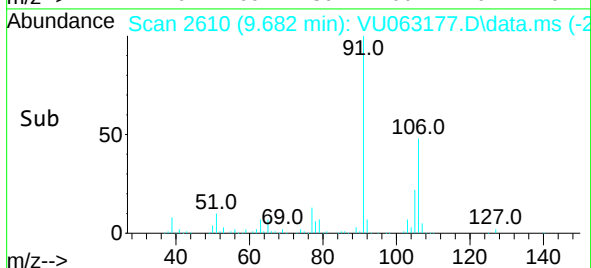
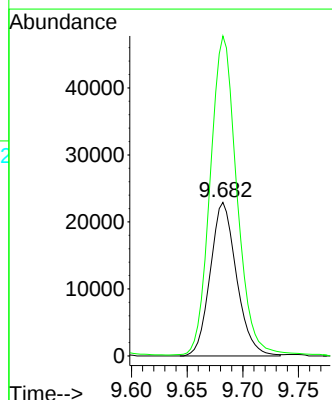
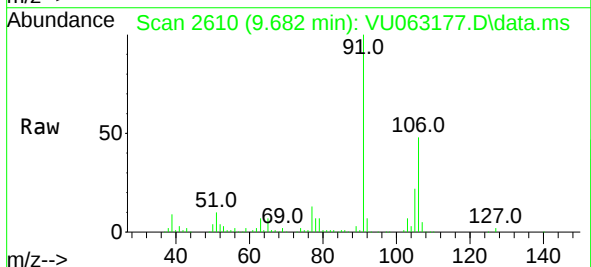
Instrument :
MSVOA_U
ClientSampleId :
DCZL6

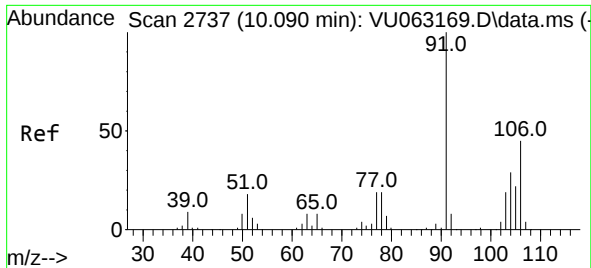
Tgt Ion: 91 Resp: 29774
Ion Ratio Lower Upper
91 100
106 30.1 21.3 39.6



#53
m,p-Xylene
Concen: 3.451 ug/L
RT: 9.682 min Scan# 2610
Delta R.T. -0.003 min
Lab File: VU063177.D
Acq: 05 Feb 2025 23:42

Tgt Ion: 106 Resp: 37560
Ion Ratio Lower Upper
106 100
91 208.3 147.3 273.6

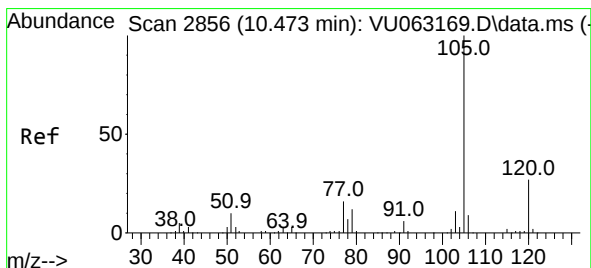
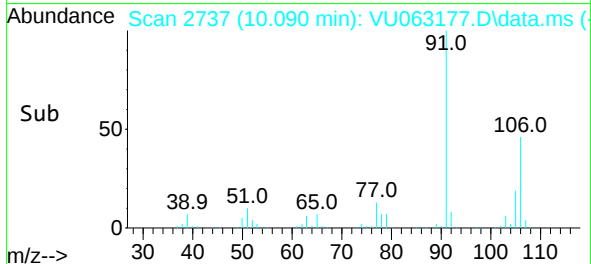
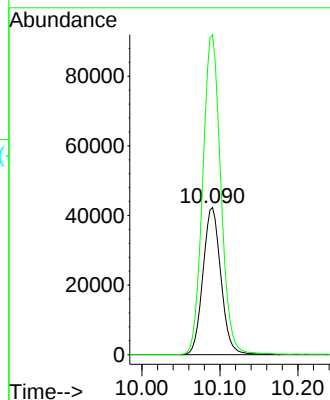
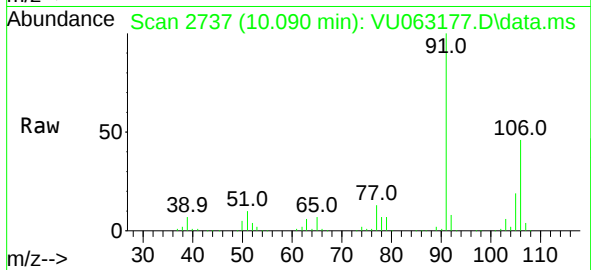




#54
o-Xylene
Concen: 6.272 ug/L
RT: 10.090 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063177.D
Acq: 05 Feb 2025 23:42

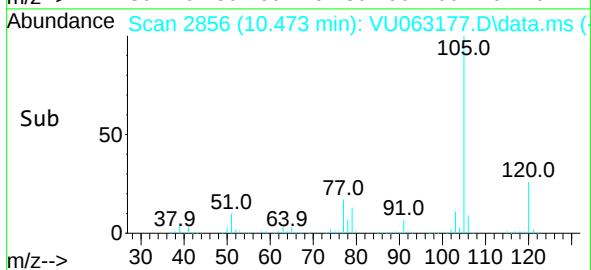
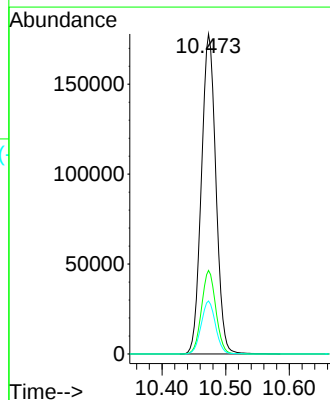
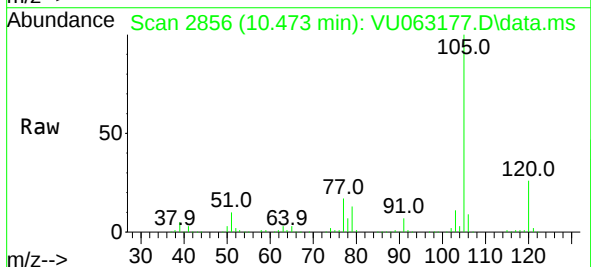
Instrument :
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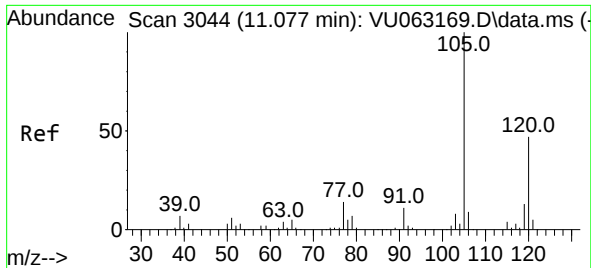
Tgt Ion:106 Resp: 67680
Ion Ratio Lower Upper
106 100
91 217.4 155.4 288.6



#60
Isopropylbenzene
Concen: 8.994 ug/L
RT: 10.473 min Scan# 2856
Delta R.T. -0.003 min
Lab File: VU063177.D
Acq: 05 Feb 2025 23:42

Tgt Ion:105 Resp: 281381
Ion Ratio Lower Upper
105 100
120 25.8 20.8 31.2
77 16.4 13.3 19.9

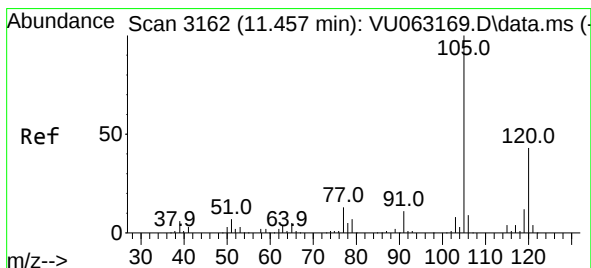
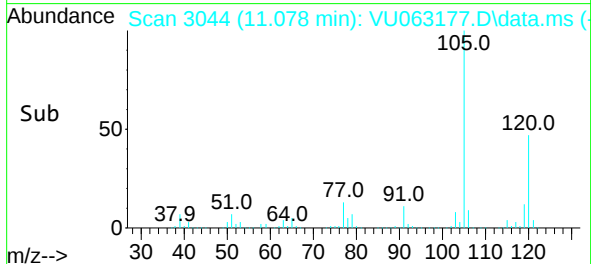
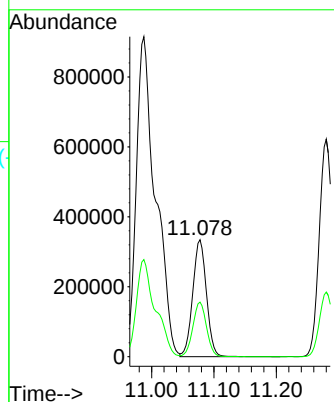
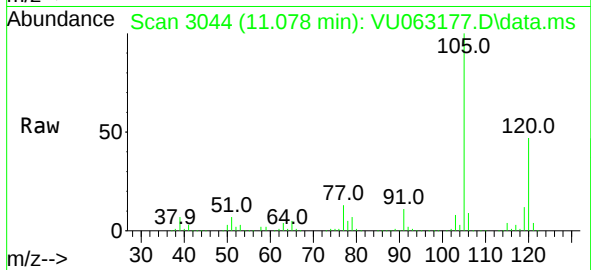




#62
1,3,5-Trimethylbenzene
Concen: 20.620 ug/L
RT: 11.078 min Scan# 3044
Delta R.T. 0.000 min
Lab File: VU063177.D
Acq: 05 Feb 2025 23:42

Instrument :
MSVOA_U
ClientSampleId :
DCZL6

Tgt Ion:105 Resp: 508853
Ion Ratio Lower Upper
105 100
120 46.5 37.8 56.8



#63
1,2,4-Trimethylbenzene
Concen: 65.987 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. -0.003 min
Lab File: VU063177.D
Acq: 05 Feb 2025 23:42

Tgt Ion:105 Resp: 1565936
Ion Ratio Lower Upper
105 100
120 43.6 34.7 52.1

