

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059755.D
 Acq On : 02 Jul 2024 22:21
 Operator : MD/SY
 Sample : P2979-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B63

Quant Time: Jul 03 04:08:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 03 04:07:12 2024
 Response via : Initial Calibration

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

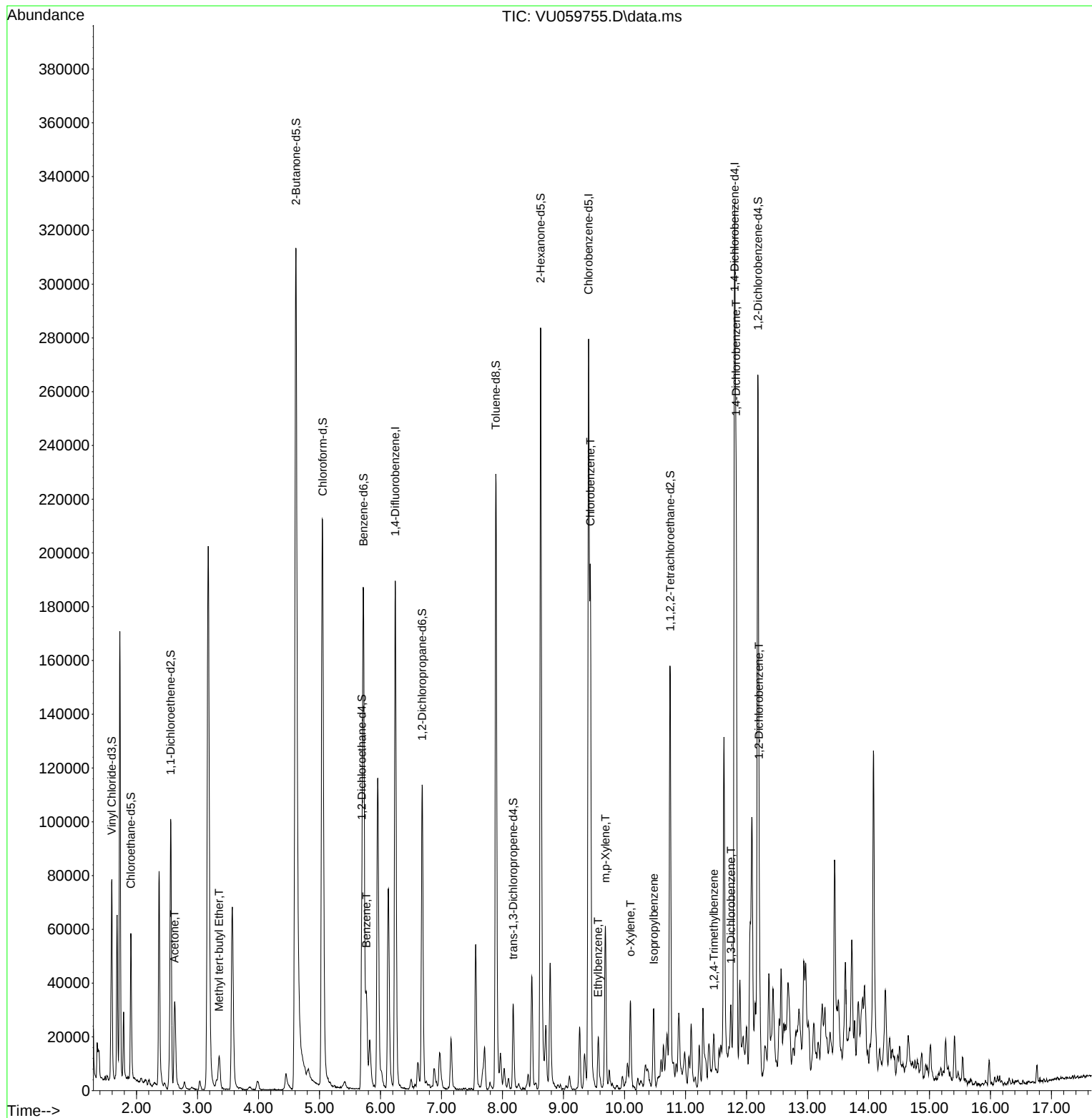
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	162276	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	158431	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	81828	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	49498	4.387	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.907	69	41480	3.820	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.400%
11) 1,1-Dichloroethene-d2	2.560	65	18402	3.931	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	4.615	46	99609	42.855	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.720%
24) Chloroform-d	5.052	84	88719	3.831	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.600%
26) 1,2-Dichloroethane-d4	5.695	65	44880	4.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
32) Benzene-d6	5.721	84	183716	4.213	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.682	67	57923	4.335	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.891	98	162433	4.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.174	79	19914	4.760	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.624	63	84025	48.336	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.680%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	50835	4.605	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	65524	4.499	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
					Qvalue	
13) Acetone	2.621	43	30447	20.194	ug/L	90
17) Methyl tert-butyl Ether	3.354	73	13547	0.546	ug/L	97
33) Benzene	5.769	78	34526	0.718	ug/L	100
51) Chlorobenzene	9.441	112	98875	3.061	ug/L	96
52) Ethylbenzene	9.566	91	6645	0.127	ug/L	100
53) m,p-Xylene	9.688	106	12822	0.639	ug/L	89
54) o-Xylene	10.097	106	8940	0.469	ug/L	94
60) Isopropylbenzene	10.479	105	17518	0.347	ug/L	96
63) 1,2,4-Trimethylbenzene	11.467	105	11349	0.296	ug/L	93
64) 1,3-Dichlorobenzene	11.746	146	5016	0.195	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	85523	3.232	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	12729	0.526	ug/L	95

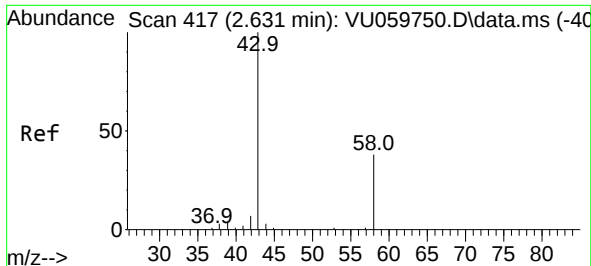
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 20.194 ug/L

RT: 2.621 min Scan# 41

Delta R.T. -0.010 min

Lab File: VU059755.D

Acq: 02 Jul 2024 22:21

Instrument :

MSVOA_U

ClientSampleId :

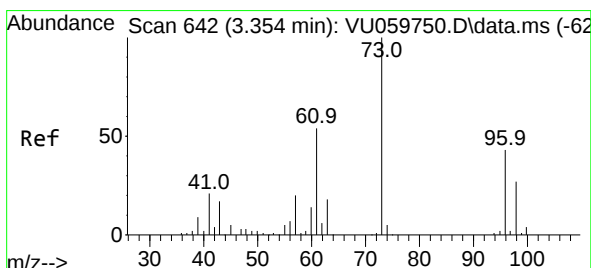
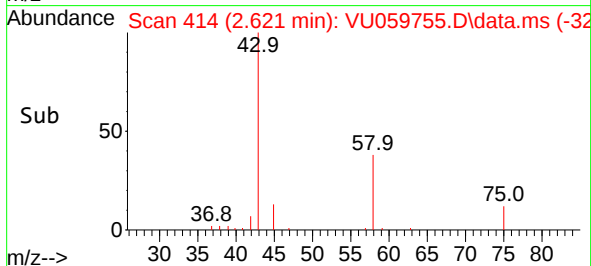
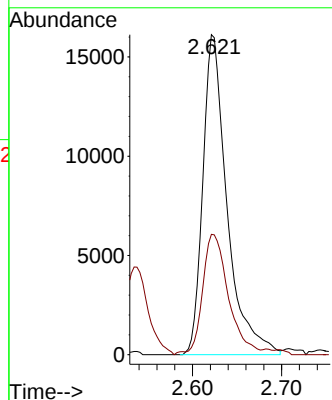
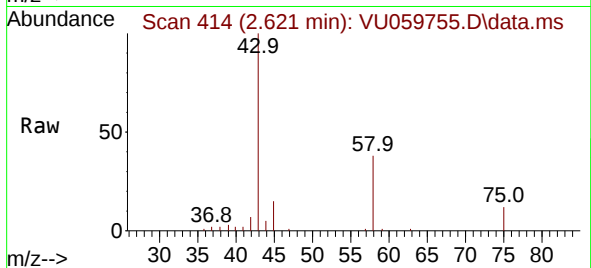
C0B63

Tgt Ion: 43 Resp: 30447

Ion Ratio Lower Upper

43 100

58 39.9 0.0 68.0



#17

Methyl tert-butyl Ether

Concen: 0.546 ug/L

RT: 3.354 min Scan# 642

Delta R.T. -0.000 min

Lab File: VU059755.D

Acq: 02 Jul 2024 22:21

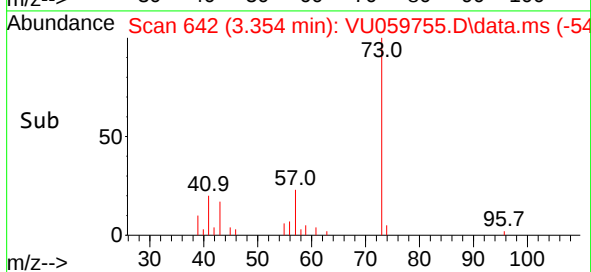
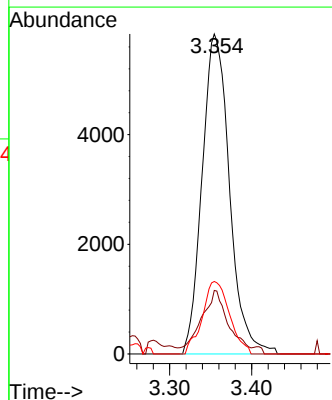
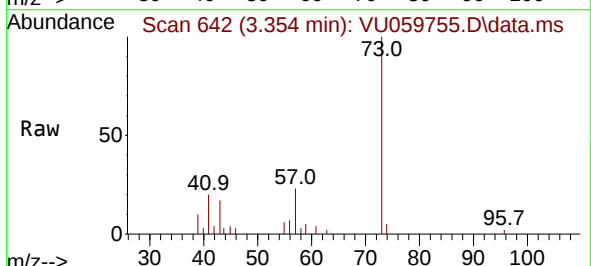
Tgt Ion: 73 Resp: 13547

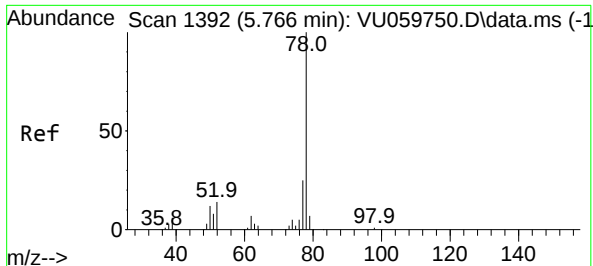
Ion Ratio Lower Upper

73 100

43 15.6 14.9 22.3

57 22.5 18.0 27.0





#33

Benzene

Concen: 0.718 ug/L

RT: 5.769 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU059755.D

Acq: 02 Jul 2024 22:21

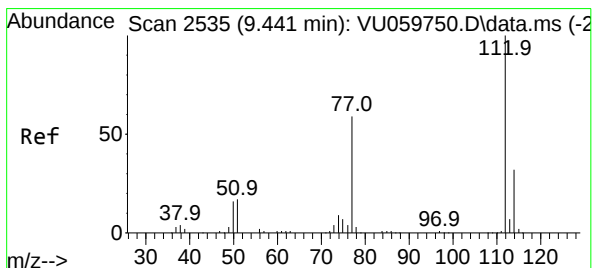
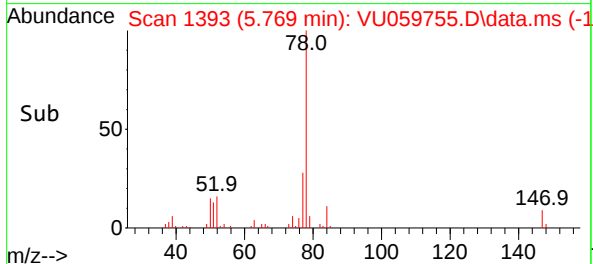
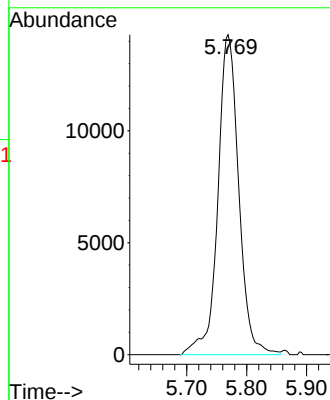
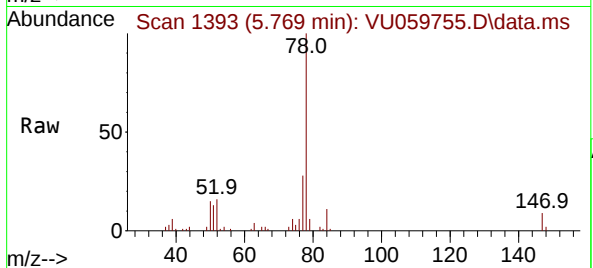
Instrument :

MSVOA_U

ClientSampleId :

C0B63

Tgt Ion: 78 Resp: 34526



#51

Chlorobenzene

Concen: 3.061 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.000 min

Lab File: VU059755.D

Acq: 02 Jul 2024 22:21

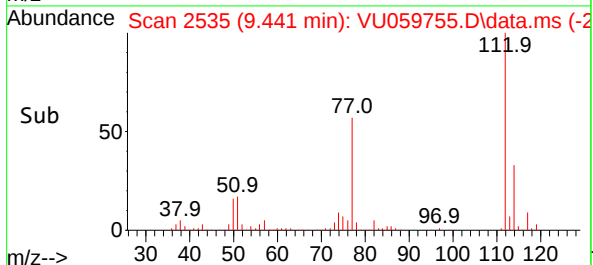
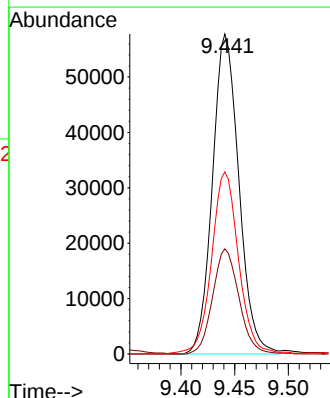
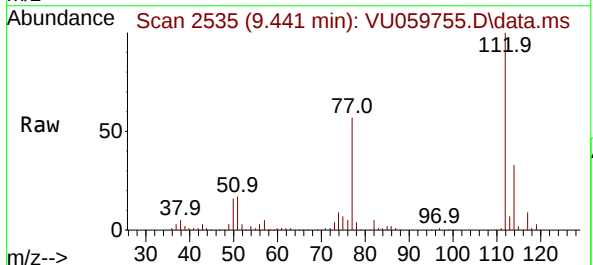
Tgt Ion: 112 Resp: 98875

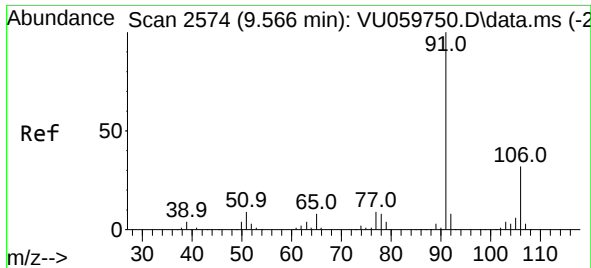
Ion Ratio Lower Upper

112 100

114 32.9 22.4 41.6

77 56.8 49.1 73.7

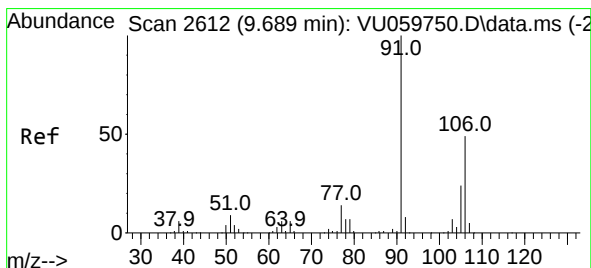
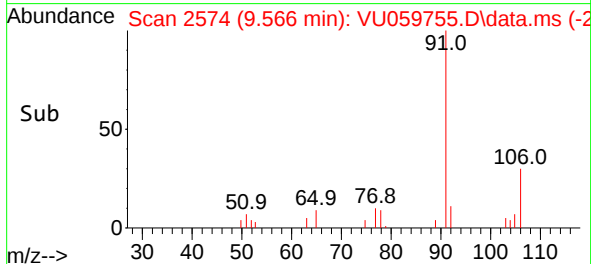
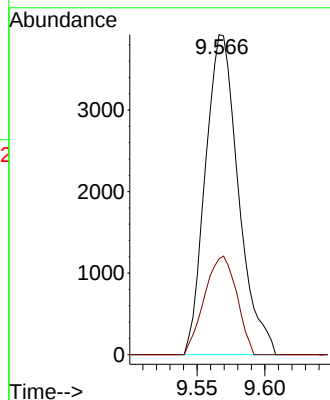
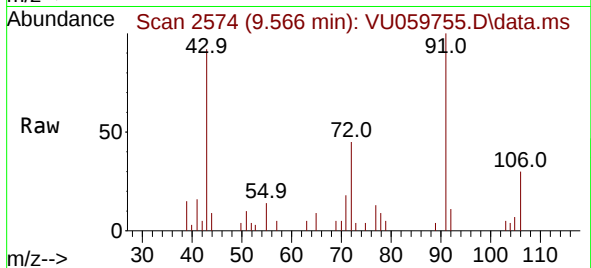




#52
Ethylbenzene
Concen: 0.127 ug/L
RT: 9.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU059755.D
Acq: 02 Jul 2024 22:21

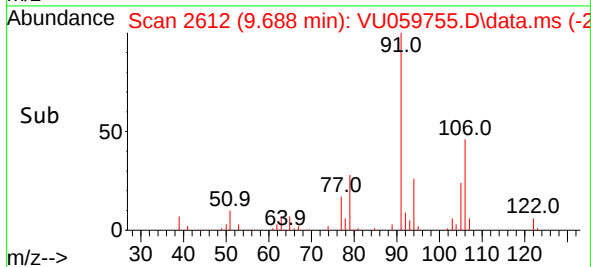
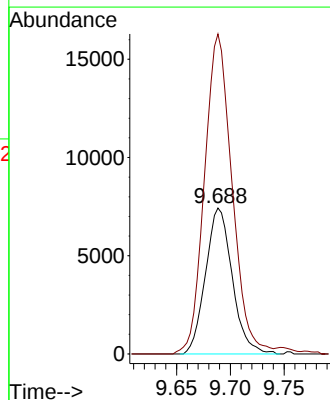
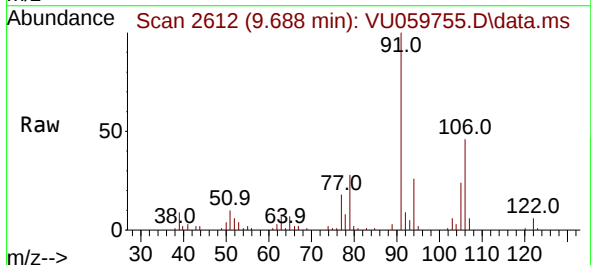
Instrument :
MSVOA_U
ClientSampleId :
C0B63

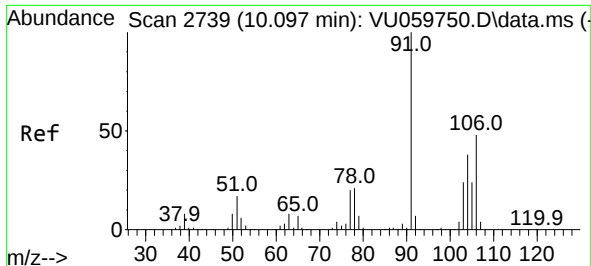
Tgt Ion: 91 Resp: 6645
Ion Ratio Lower Upper
91 100
106 30.0 20.9 38.7



#53
m,p-Xylene
Concen: 0.639 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU059755.D
Acq: 02 Jul 2024 22:21

Tgt Ion: 106 Resp: 12822
Ion Ratio Lower Upper
106 100
91 219.3 142.0 263.8

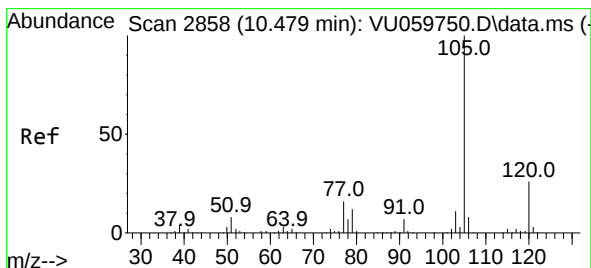
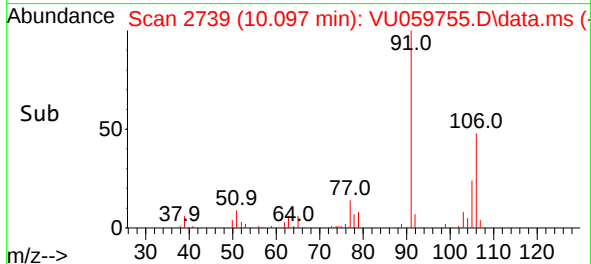
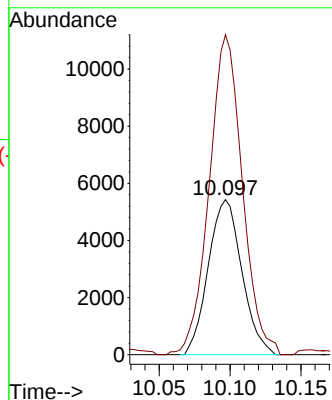
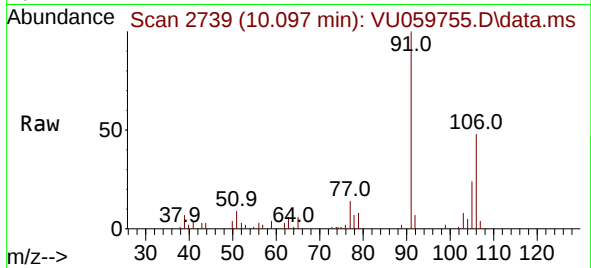




#54
o-Xylene
Concen: 0.469 ug/L
RT: 10.097 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU059755.D
Acq: 02 Jul 2024 22:21

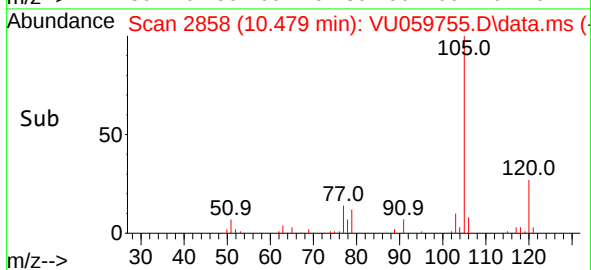
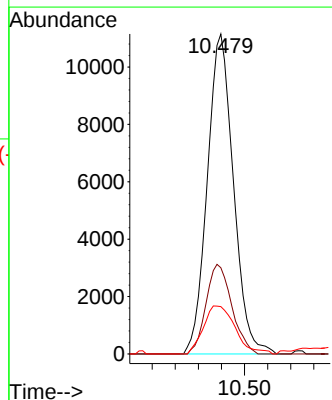
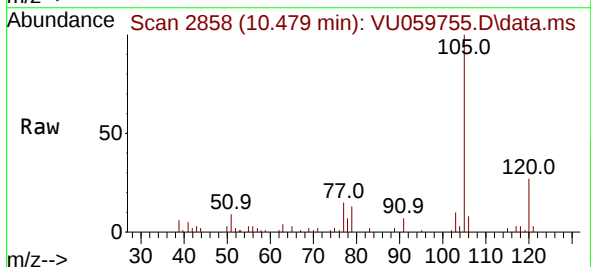
Instrument :
MSVOA_U
ClientSampleId :
C0B63

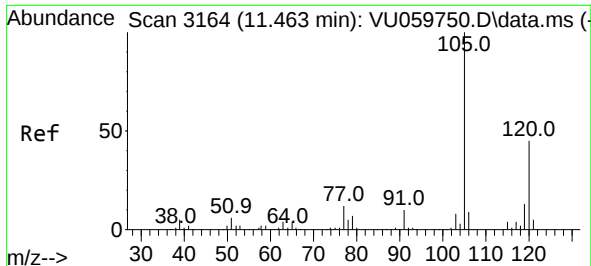
Tgt Ion:106 Resp: 8940
Ion Ratio Lower Upper
106 100
91 206.4 151.6 281.6



#60
Isopropylbenzene
Concen: 0.347 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU059755.D
Acq: 02 Jul 2024 22:21

Tgt Ion:105 Resp: 17518
Ion Ratio Lower Upper
105 100
120 27.6 20.6 31.0
77 18.2 12.8 19.2





#63

1,2,4-Trimethylbenzene

Concen: 0.296 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VU059755.D

Acq: 02 Jul 2024 22:21

Instrument :

MSVOA_U

ClientSampleId :

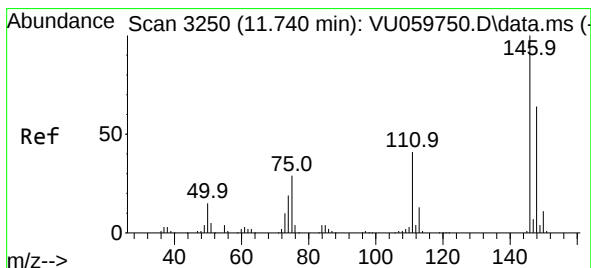
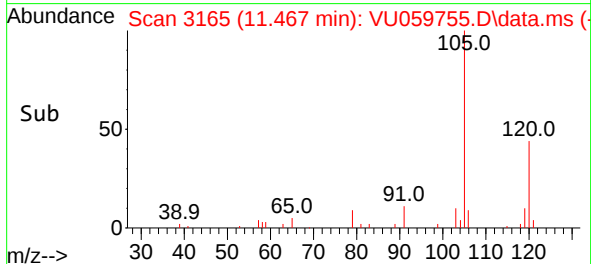
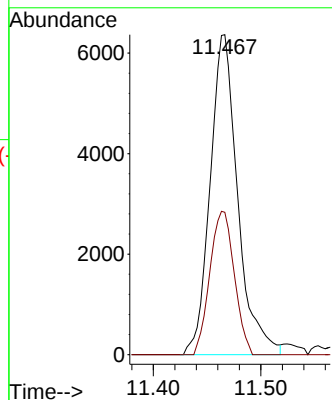
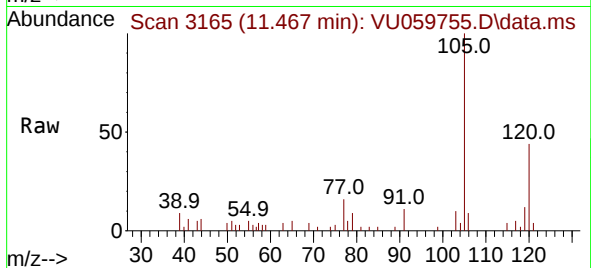
C0B63

Tgt Ion:105 Resp: 11349

Ion Ratio Lower Upper

105 100

120 39.6 35.4 53.0



#64

1,3-Dichlorobenzene

Concen: 0.195 ug/L

RT: 11.746 min Scan# 3252

Delta R.T. 0.006 min

Lab File: VU059755.D

Acq: 02 Jul 2024 22:21

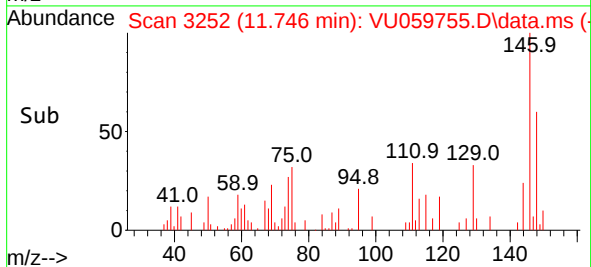
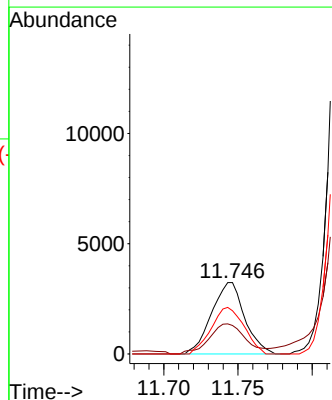
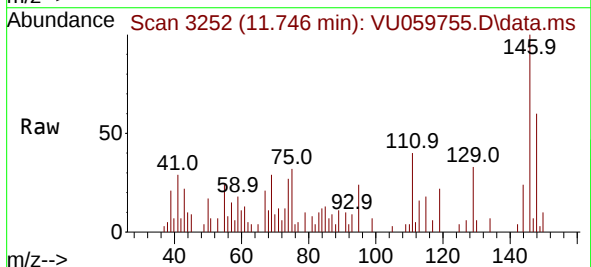
Tgt Ion:146 Resp: 5016

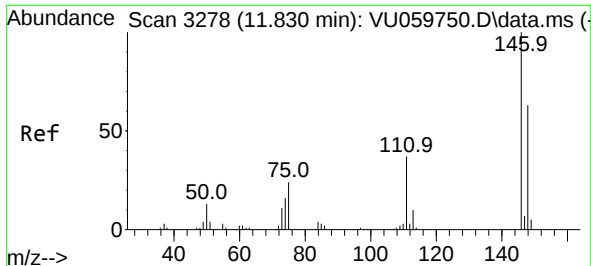
Ion Ratio Lower Upper

146 100

111 40.0 27.4 51.0

148 60.5 45.0 83.6

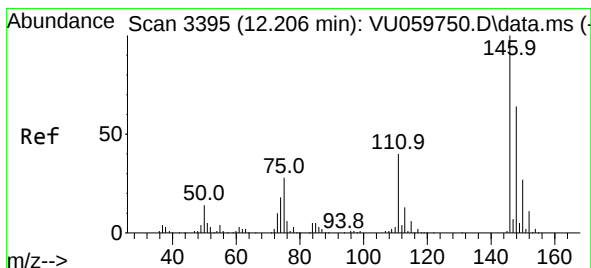
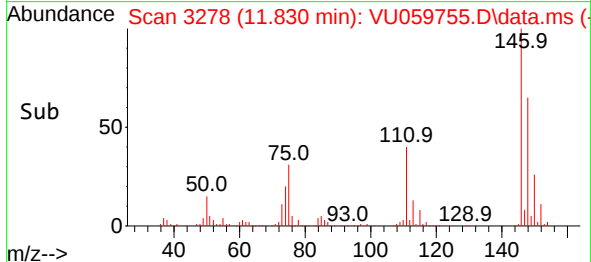
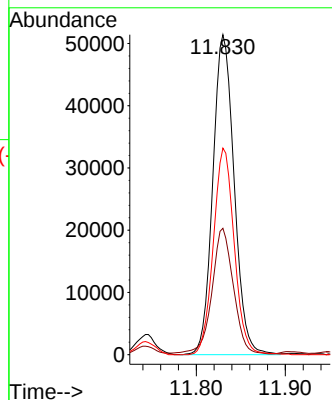
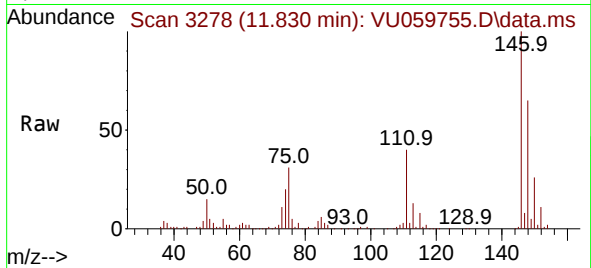




#65
1,4-Dichlorobenzene
Concen: 3.232 ug/L
RT: 11.830 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU059755.D
Acq: 02 Jul 2024 22:21

Instrument :
MSVOA_U
ClientSampleId :
C0B63

Tgt Ion:146 Resp: 85523
Ion Ratio Lower Upper
146 100
111 39.5 26.9 50.1
148 64.5 45.3 84.1



#67
1,2-Dichlorobenzene
Concen: 0.526 ug/L
RT: 12.206 min Scan# 3395
Delta R.T. -0.000 min
Lab File: VU059755.D
Acq: 02 Jul 2024 22:21

Tgt Ion:146 Resp: 12729
Ion Ratio Lower Upper
146 100
111 45.4 33.4 50.0
148 59.1 49.7 74.5

