

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041624\
 Data File : VU058725.D
 Acq On : 16 Apr 2024 18:48
 Operator : MD/SY
 Sample : P2079-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 17 01:14:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 17 01:09:43 2024
 Response via : Initial Calibration

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

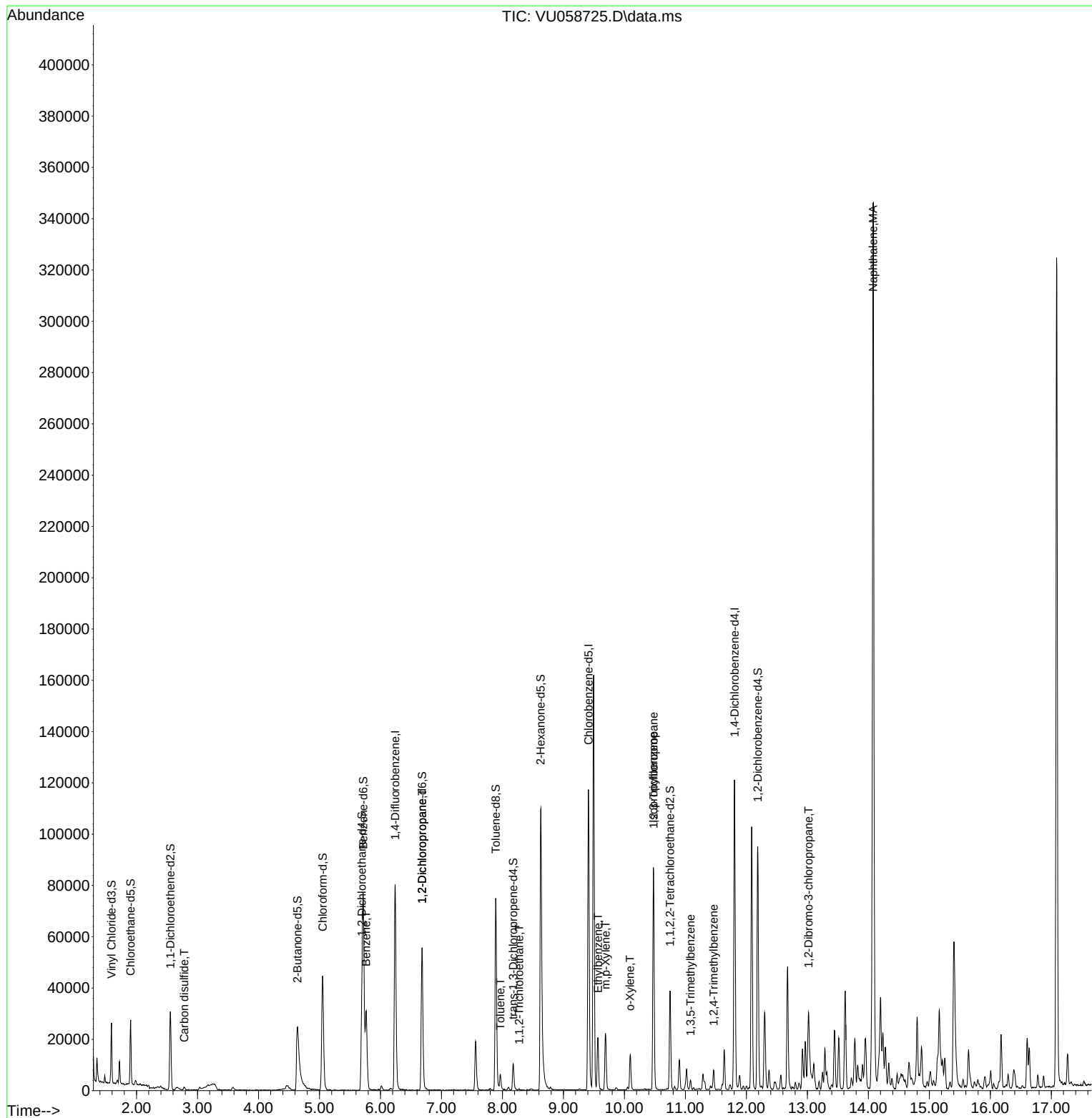
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	61842	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	60710	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	29395	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	12785	3.123	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.400%
7) Chloroethane-d5	1.904	69	16210	4.556	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.557	65	6061	3.271	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.400%
20) 2-Butanone-d5	4.637	46	54253	62.877	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.760%
24) Chloroform-d	5.052	84	40502	4.955	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.695	65	20982	5.501	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.000%
32) Benzene-d6	5.718	84	68540	4.193	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
36) 1,2-Dichloropropane-d6	6.682	67	25864	5.046	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.891	98	49707	3.429	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.600%#
43) trans-1,3-Dichloroprop...	8.177	79	6306	3.963	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.627	63	36720	55.953	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.900%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	18445	5.097	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	21537	4.350	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						Qvalue
14) Carbon disulfide	2.782	76	1506	0.108	ug/L #	74
33) Benzene	5.766	78	28512	1.296	ug/L	100
37) 1,2-Dichloropropane	6.682	63	3013	0.520	ug/L #	90
42) Toluene	7.965	91	4618	0.200	ug/L	96
45) 1,1,2-Trichloroethane	8.274	97	419	0.124	ug/L #	14
52) Ethylbenzene	9.566	91	13965	0.571	ug/L	95
53) m,p-Xylene	9.692	106	6005	0.686	ug/L	98
54) o-Xylene	10.094	106	3414	0.398	ug/L	99
60) Isopropylbenzene	10.476	105	51122	2.376	ug/L	99
61) 1,2,3-Trichloropropane	10.479	75	606	0.202	ug/L #	1
62) 1,3,5-Trimethylbenzene	11.084	105	2592	0.148	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	4134	0.231	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.020	75	378	0.743	ug/L #	4
71) Naphthalene	14.081	128	247948	30.356	ug/L	99

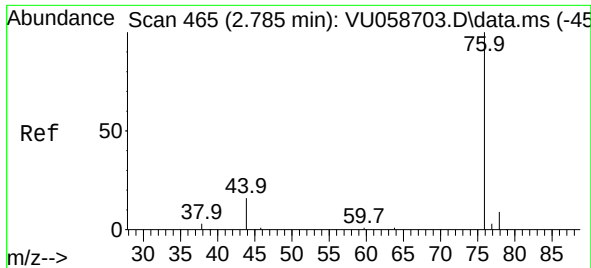
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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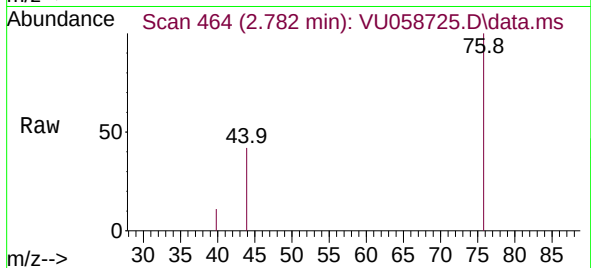
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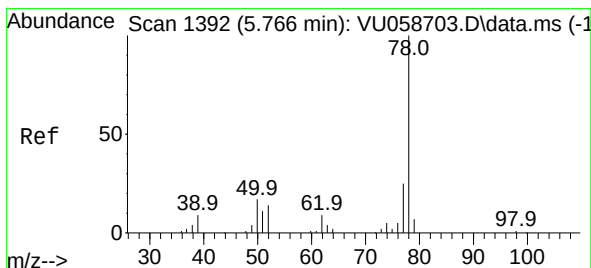
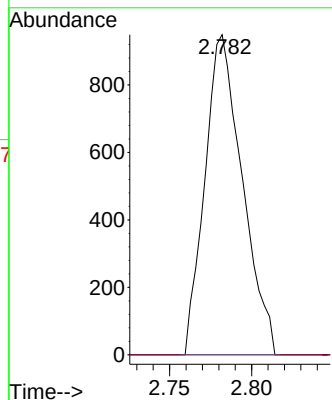
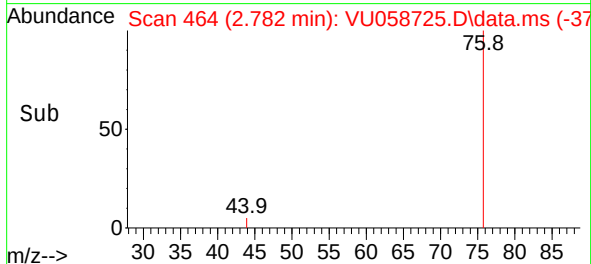


#14
Carbon disulfide
Concen: 0.108 ug/L
RT: 2.782 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU058725.D
Acq: 16 Apr 2024 18:48

Instrument :
MSVOA_U
ClientSampleId :

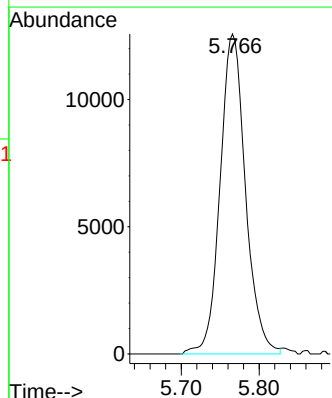
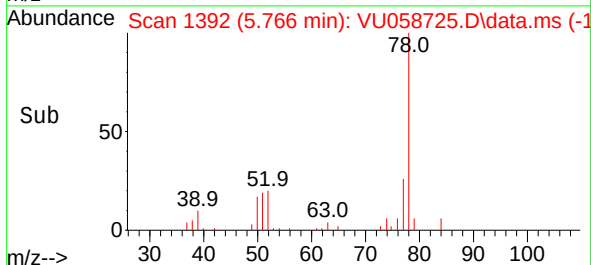
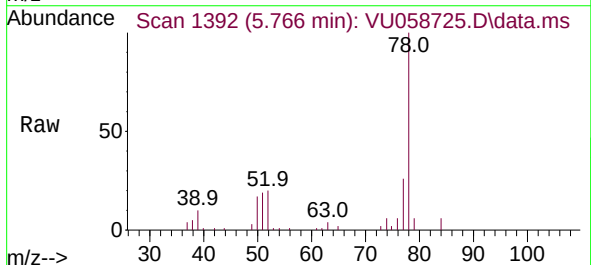


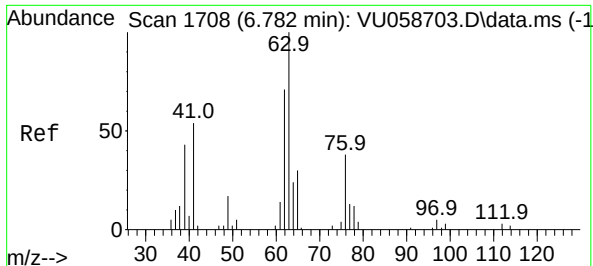
Tgt Ion: 76 Resp: 1506
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#33
Benzene
Concen: 1.296 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU058725.D
Acq: 16 Apr 2024 18:48

Tgt Ion: 78 Resp: 28512

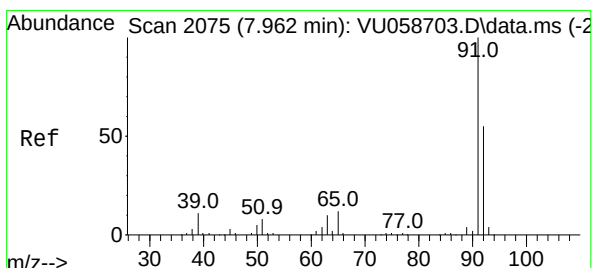
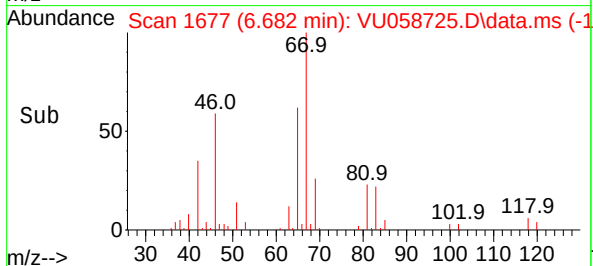
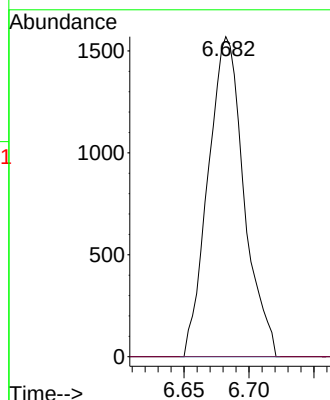
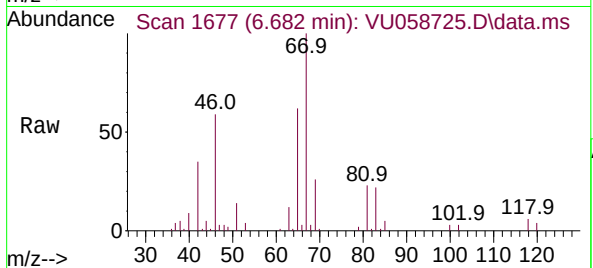




#37
1,2-Dichloropropane
Concen: 0.520 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058725.D
Acq: 16 Apr 2024 18:48

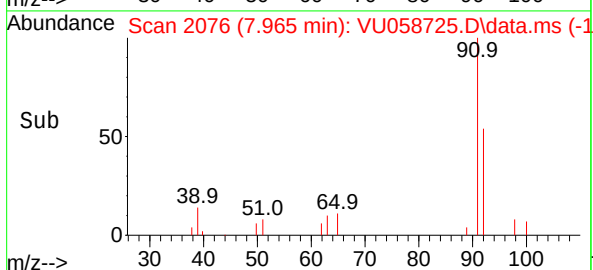
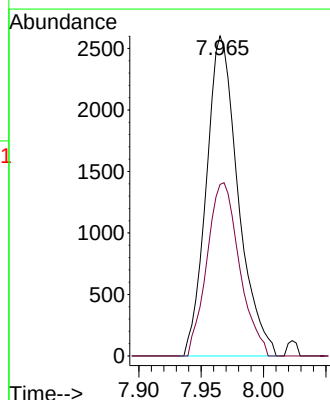
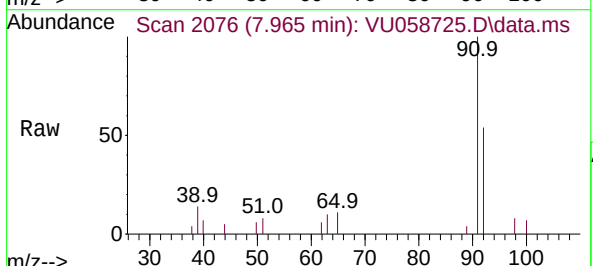
Instrument :
MSVOA_U
ClientSampleId :

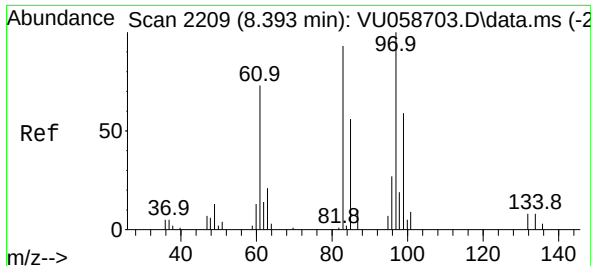
Tgt Ion: 63 Resp: 3013
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#42
Toluene
Concen: 0.200 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU058725.D
Acq: 16 Apr 2024 18:48

Tgt Ion: 91 Resp: 4618
Ion Ratio Lower Upper
91 100
92 53.6 39.5 73.3





#45

1,1,2-Trichloroethane

Concen: 0.124 ug/L

RT: 8.274 min Scan# 2172

Delta R.T. -0.119 min

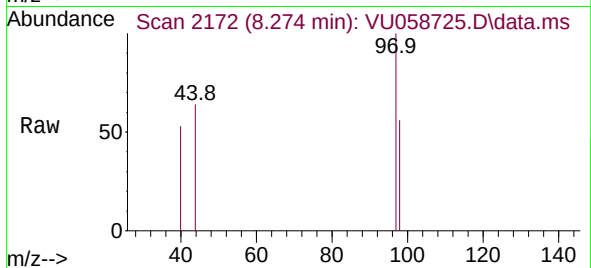
Lab File: VU058725.D

Acq: 16 Apr 2024 18:48

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 97 Resp: 419

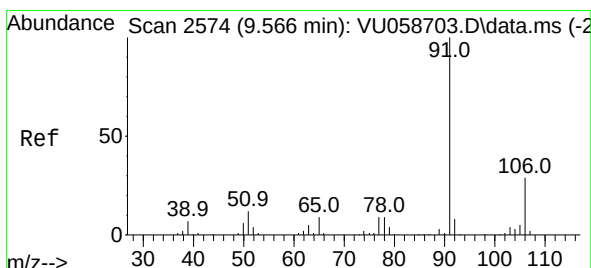
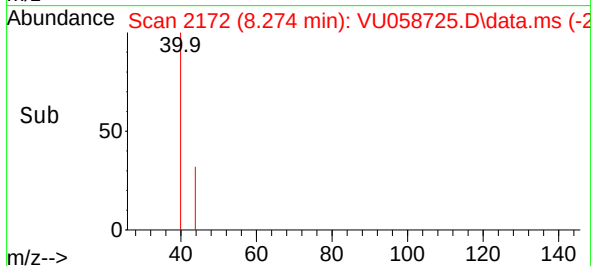
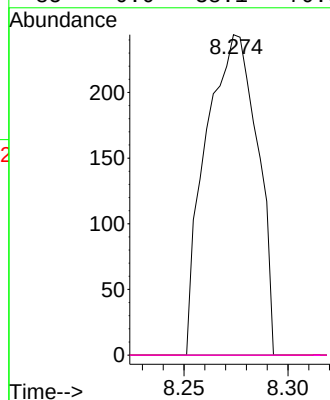
Ion Ratio Lower Upper

97 100

99 0.0 43.7 81.1#

83 0.0 64.5 119.7#

85 0.0 38.1 70.9#



#52

Ethylbenzene

Concen: 0.571 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. 0.000 min

Lab File: VU058725.D

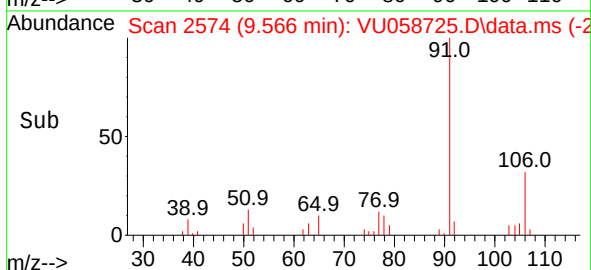
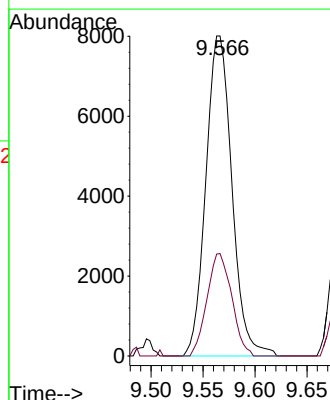
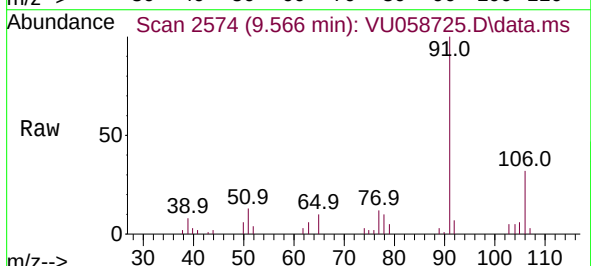
Acq: 16 Apr 2024 18:48

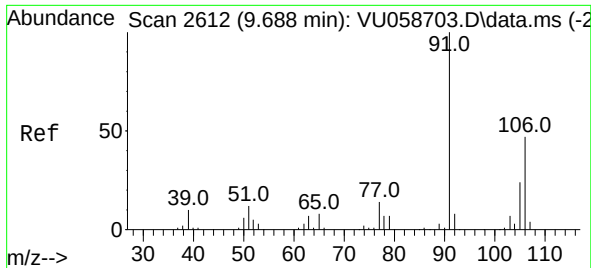
Tgt Ion: 91 Resp: 13965

Ion Ratio Lower Upper

91 100

106 32.0 20.6 38.4

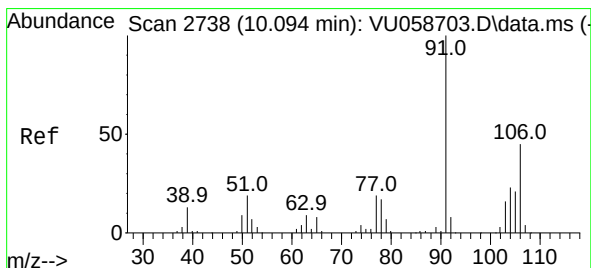
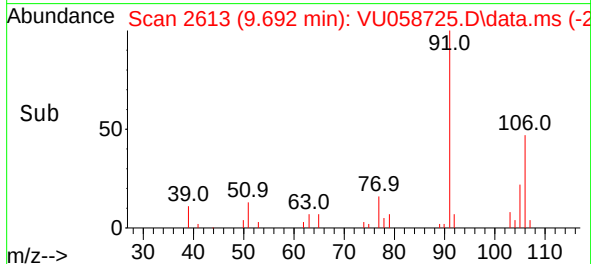
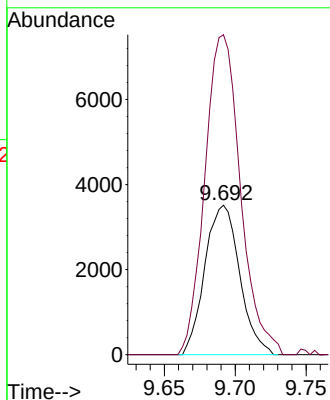
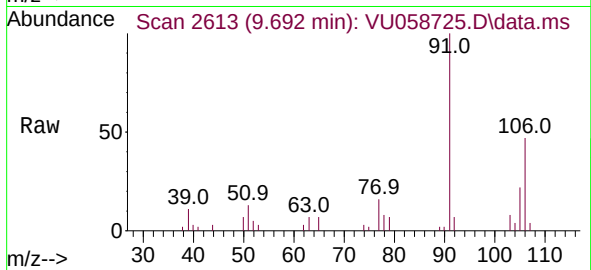




#53
m,p-Xylene
Concen: 0.686 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU058725.D
Acq: 16 Apr 2024 18:48

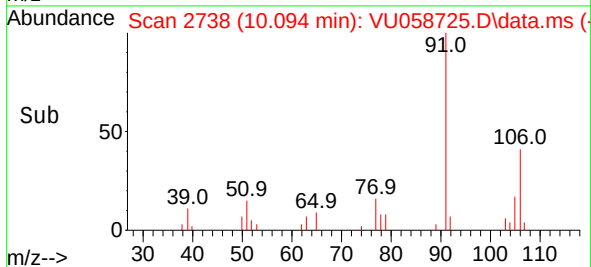
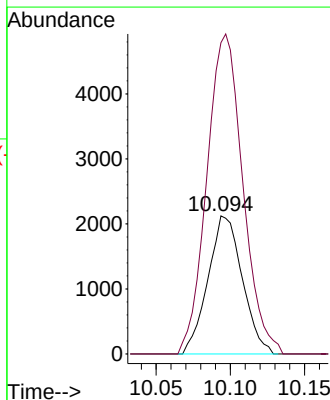
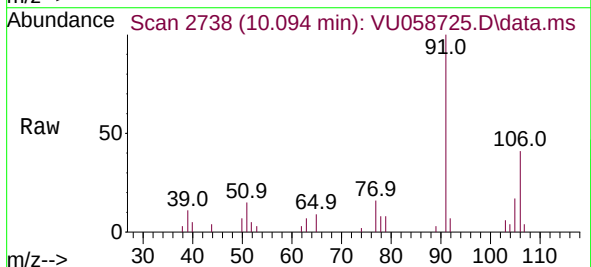
Instrument :
MSVOA_U
ClientSampleId :

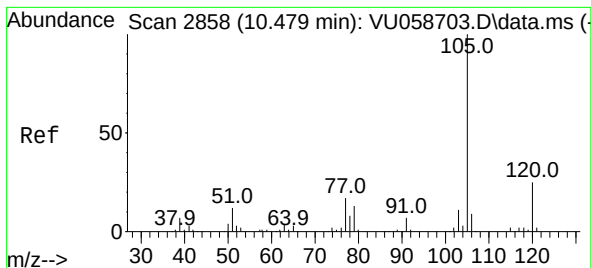
Tgt Ion:106 Resp: 6005
Ion Ratio Lower Upper
106 100
91 214.2 147.8 274.4



#54
o-Xylene
Concen: 0.398 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. 0.000 min
Lab File: VU058725.D
Acq: 16 Apr 2024 18:48

Tgt Ion:106 Resp: 3414
Ion Ratio Lower Upper
106 100
91 225.5 156.9 291.5





#60

Isopropylbenzene

Concen: 2.376 ug/L

RT: 10.476 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU058725.D

Acq: 16 Apr 2024 18:48

Instrument :

MSVOA_U

ClientSampleId :

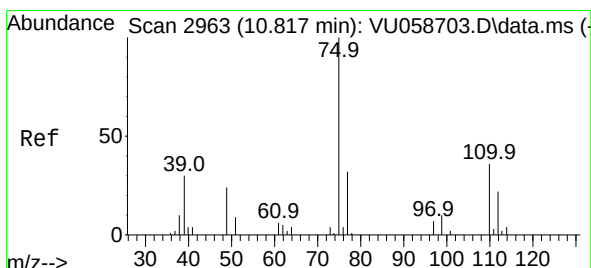
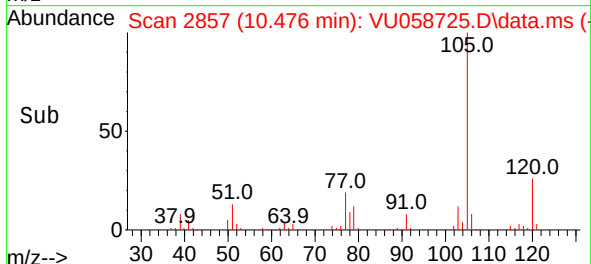
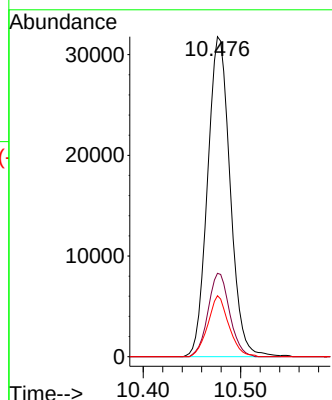
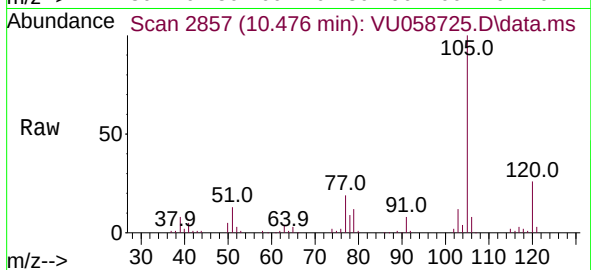
Tgt Ion:105 Resp: 51122

Ion Ratio Lower Upper

105 100

120 24.9 20.2 30.4

77 17.7 13.5 20.3



#61

1,2,3-Trichloropropane

Concen: 0.202 ug/L

RT: 10.479 min Scan# 2858

Delta R.T. -0.338 min

Lab File: VU058725.D

Acq: 16 Apr 2024 18:48

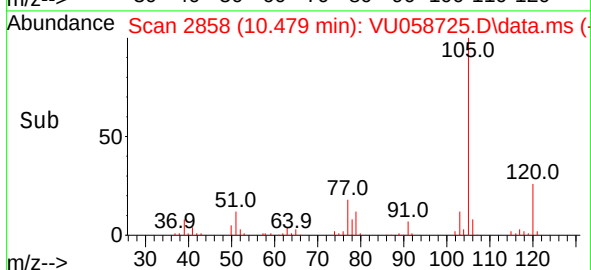
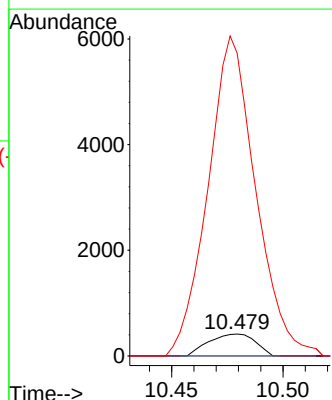
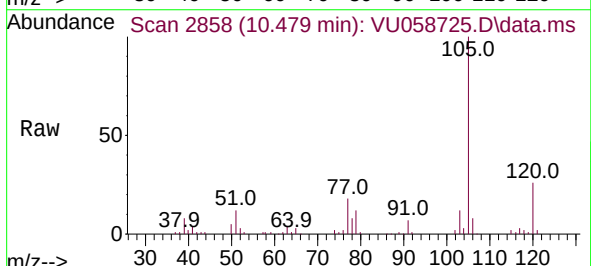
Tgt Ion: 75 Resp: 606

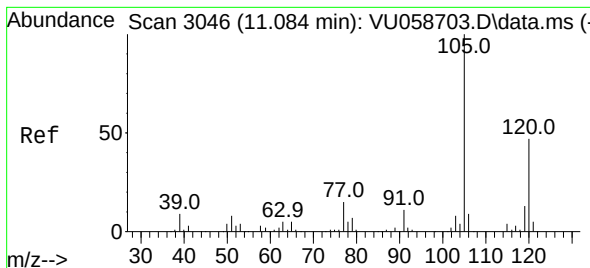
Ion Ratio Lower Upper

75 100

110 0.0 25.8 38.6#

77 1490.8 25.1 37.7#





#62

1,3,5-Trimethylbenzene

Concen: 0.148 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.000 min

Lab File: VU058725.D

Acq: 16 Apr 2024 18:48

Instrument :

MSVOA_U

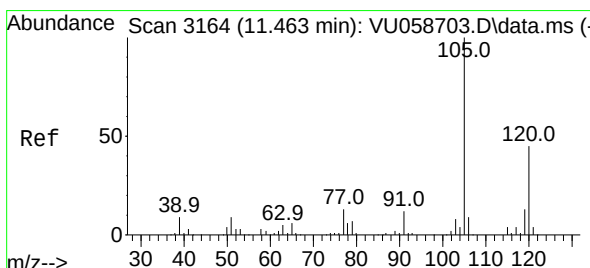
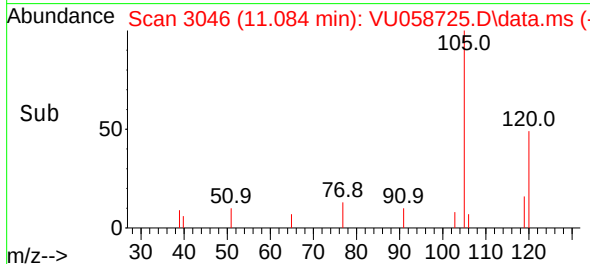
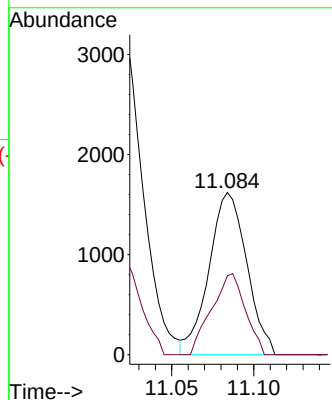
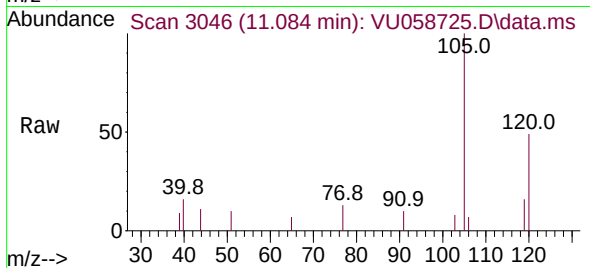
ClientSampleId :

Tgt Ion:105 Resp: 2592

Ion Ratio Lower Upper

105 100

120 44.5 37.2 55.8



#63

1,2,4-Trimethylbenzene

Concen: 0.231 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.000 min

Lab File: VU058725.D

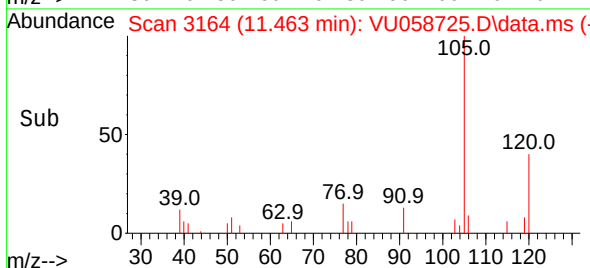
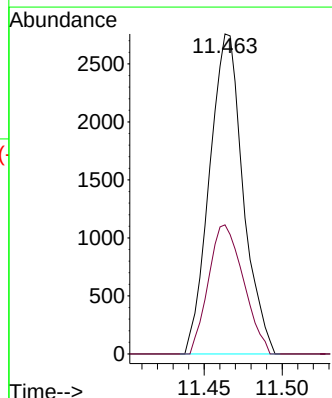
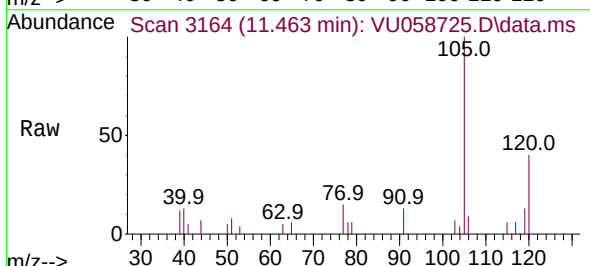
Acq: 16 Apr 2024 18:48

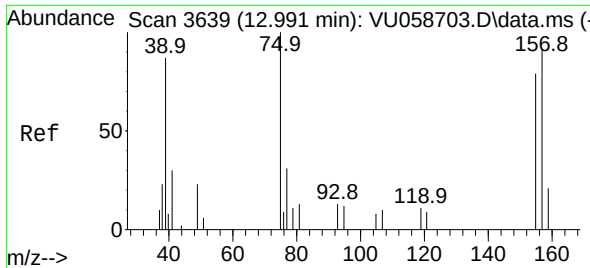
Tgt Ion:105 Resp: 4134

Ion Ratio Lower Upper

105 100

120 41.9 34.7 52.1

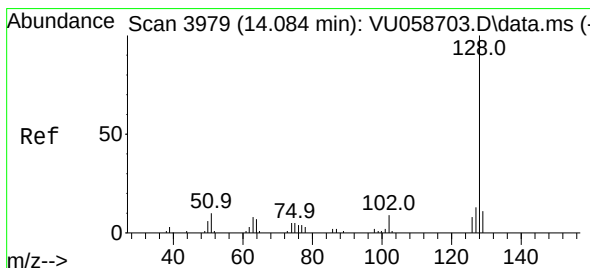
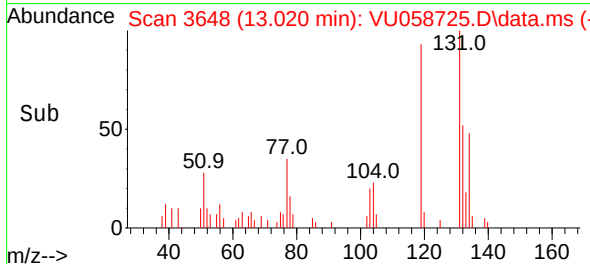
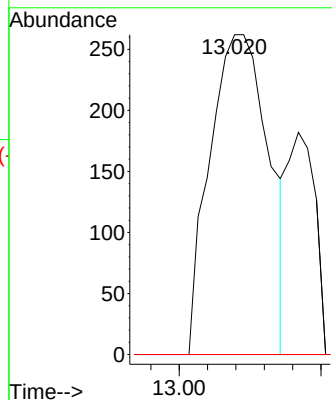
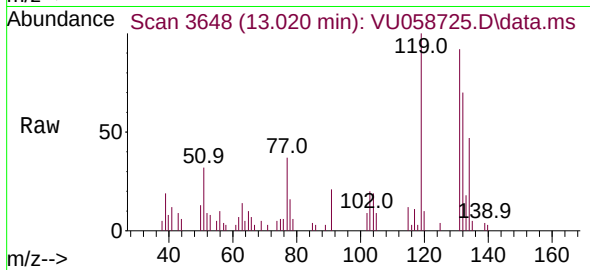




#68
1,2-Dibromo-3-chloropropane
Concen: 0.743 ug/L
RT: 13.020 min Scan# 3648
Delta R.T. 0.029 min
Lab File: VU058725.D
Acq: 16 Apr 2024 18:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 378
Ion Ratio Lower Upper
75 100
155 0.0 61.4 92.0#
157 0.0 81.7 122.5#



#71
Naphthalene
Concen: 30.356 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.003 min
Lab File: VU058725.D
Acq: 16 Apr 2024 18:48

Tgt Ion:128 Resp: 247948
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 13.3 11.0 16.6

