

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
 Data File : VU056475.D
 Acq On : 18 Nov 2023 12:51
 Operator : MD/SY
 Sample : 05436-12
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY1C6

Quant Time: Nov 18 23:12:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 18 00:12:04 2023
 Response via : Initial Calibration

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

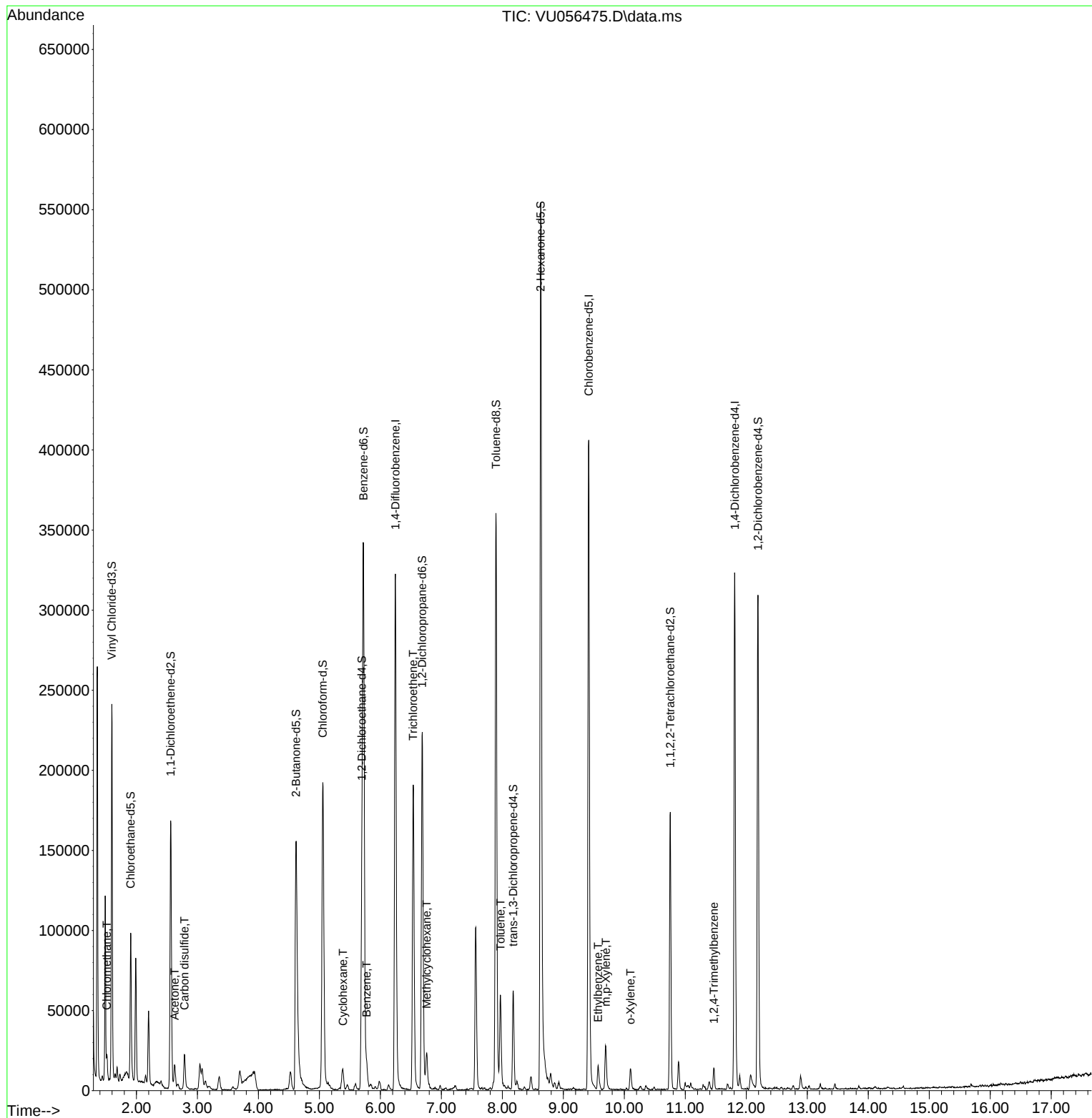
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	264427	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	238425	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	88789	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	69209	3.499	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.000%
7) Chloroethane-d5	1.904	69	70797	4.669	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.560	65	31730	3.635	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	4.618	46	241739	61.296	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.600%
24) Chloroform-d	5.055	84	184289	4.817	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.695	65	96381	5.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
32) Benzene-d6	5.721	84	326616	4.598	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.685	67	108682	5.076	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.894	98	249185	3.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	8.177	79	37676	4.588	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.627	63	188239	58.337	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.680%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	86414	5.649	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	82194	5.011	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	7832	0.366	ug/L	96
13) Acetone	2.628	43	19225	5.723	ug/L	94
14) Carbon disulfide	2.785	76	26030	0.494	ug/L	99
30) Cyclohexane	5.386	56	6490	0.250	ug/L #	91
33) Benzene	5.775	78	14042	0.206	ug/L	100
34) Trichloroethene	6.538	95	70831	3.821	ug/L	96
35) Methylcyclohexane	6.756	83	7578	0.283	ug/L #	80
42) Toluene	7.968	91	44968	0.638	ug/L	95
52) Ethylbenzene	9.566	91	11664	0.149	ug/L	94
53) m,p-Xylene	9.698	106	8485	0.295	ug/L	93
54) o-Xylene	10.100	106	4039	0.145	ug/L	71
63) 1,2,4-Trimethylbenzene	11.467	105	8068	0.174	ug/L	98

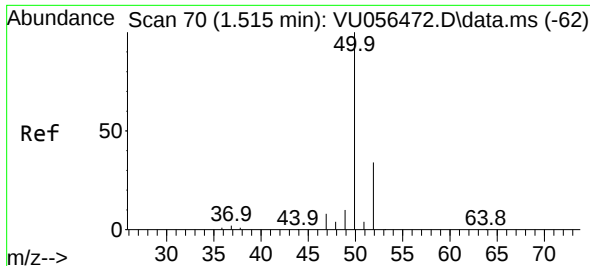
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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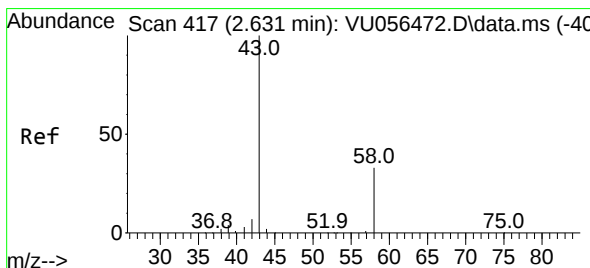
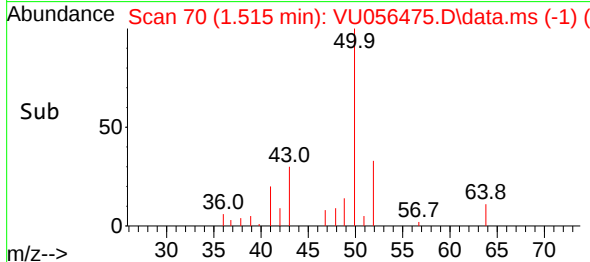
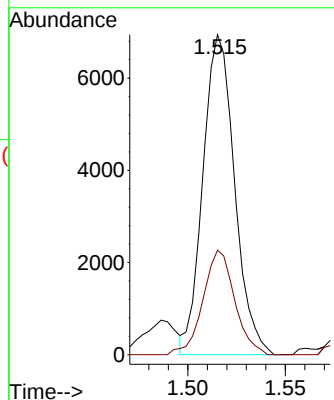
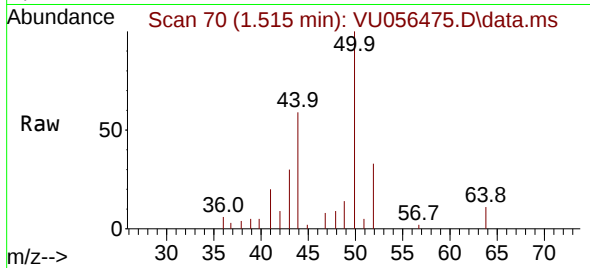




#3
Chloromethane
Concen: 0.366 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU056475.D
Acq: 18 Nov 2023 12:51

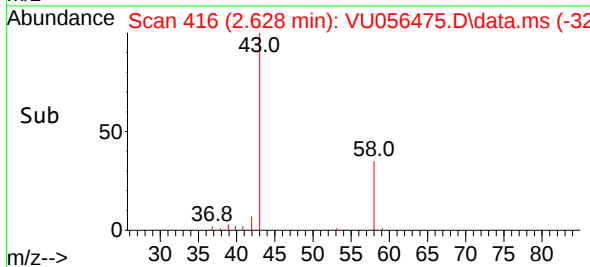
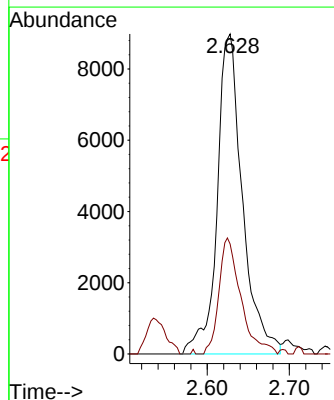
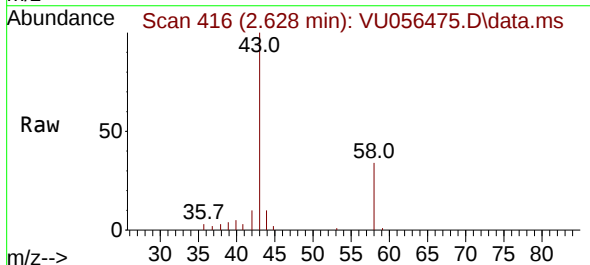
Instrument :
MSVOA_U
ClientSampleId :
EY1C6

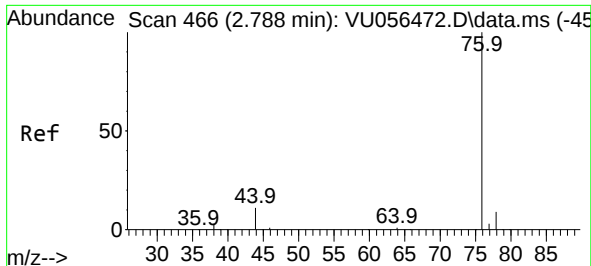
Tgt Ion: 50 Resp: 7832
Ion Ratio Lower Upper
50 100
52 32.7 24.3 45.1



#13
Acetone
Concen: 5.723 ug/L
RT: 2.628 min Scan# 416
Delta R.T. 0.000 min
Lab File: VU056475.D
Acq: 18 Nov 2023 12:51

Tgt Ion: 43 Resp: 19225
Ion Ratio Lower Upper
43 100
58 31.3 0.0 70.0

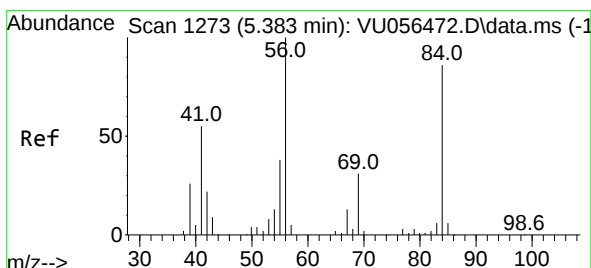
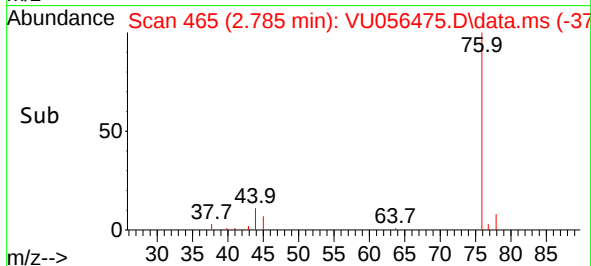
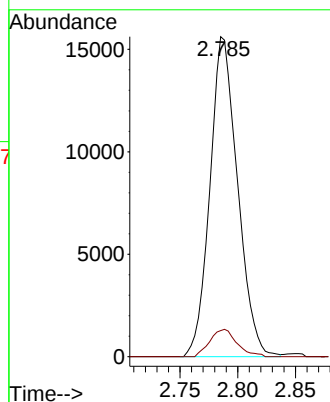
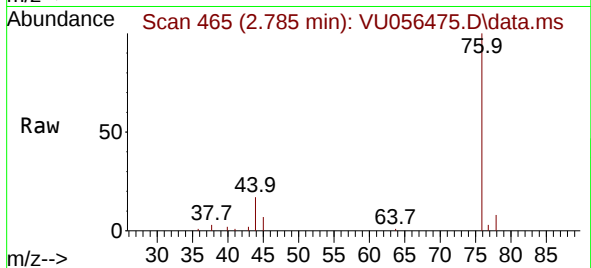




#14
Carbon disulfide
Concen: 0.494 ug/L
RT: 2.785 min Scan# 465
Delta R.T. -0.003 min
Lab File: VU056475.D
Acq: 18 Nov 2023 12:51

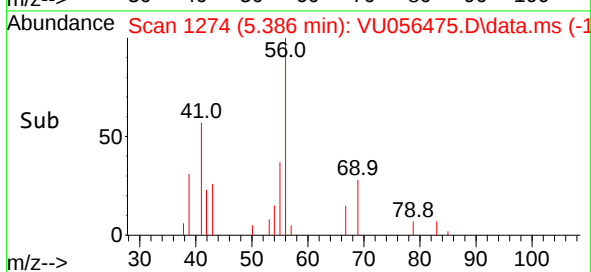
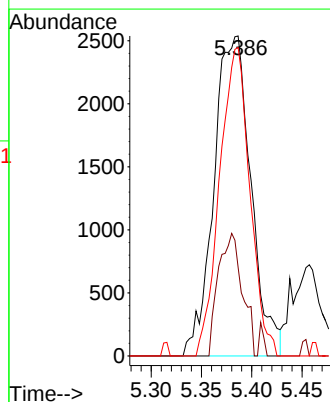
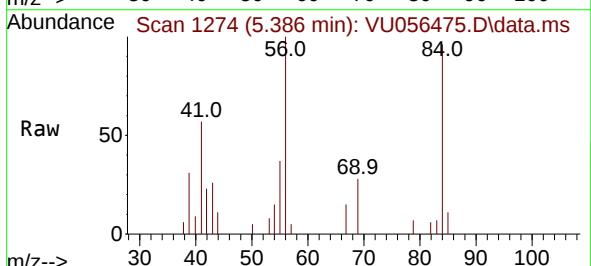
Instrument :
MSVOA_U
ClientSampleId :
EY1C6

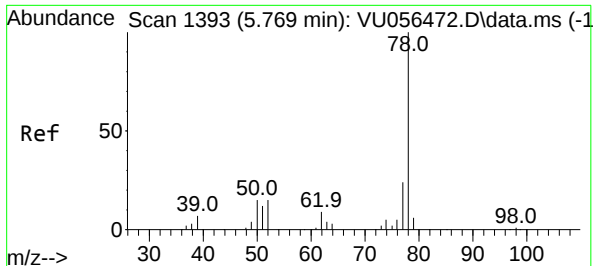
Tgt Ion: 76 Resp: 26030
Ion Ratio Lower Upper
76 100
78 8.2 6.8 10.2



#30
Cyclohexane
Concen: 0.250 ug/L
RT: 5.386 min Scan# 1274
Delta R.T. 0.003 min
Lab File: VU056475.D
Acq: 18 Nov 2023 12:51

Tgt Ion: 56 Resp: 6490
Ion Ratio Lower Upper
56 100
69 24.8 25.4 38.2#
84 78.8 68.6 103.0

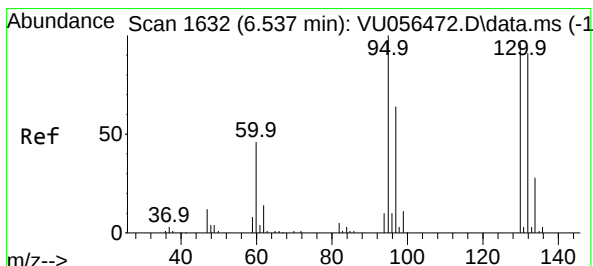
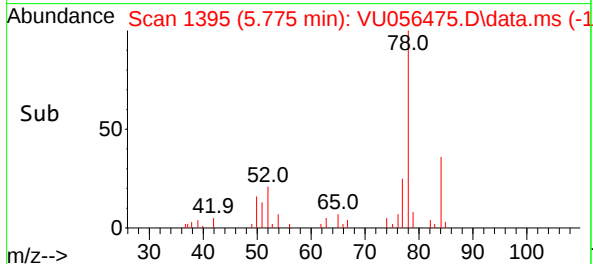
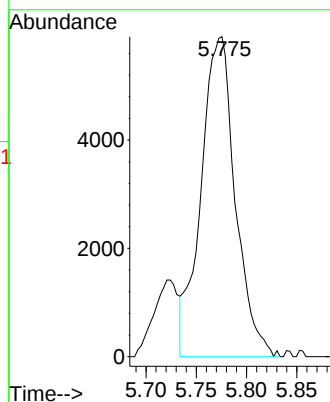
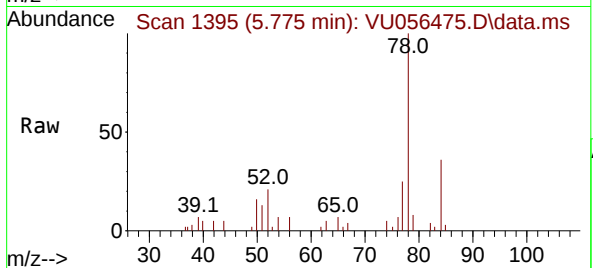




#33
Benzene
Concen: 0.206 ug/L
RT: 5.775 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VU056475.D
Acq: 18 Nov 2023 12:51

Instrument :
MSVOA_U
ClientSampleId :
EY1C6

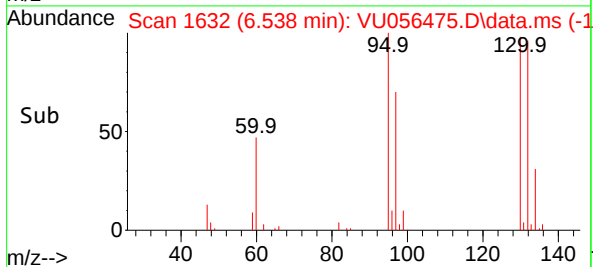
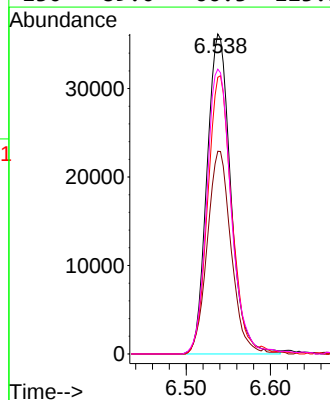
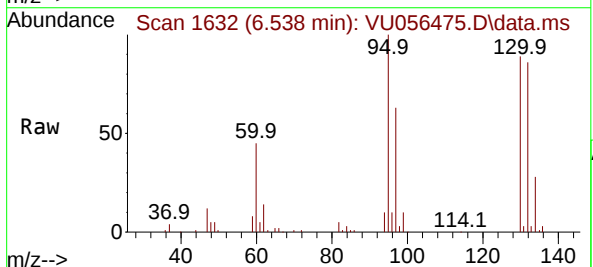
Tgt Ion: 78 Resp: 14042

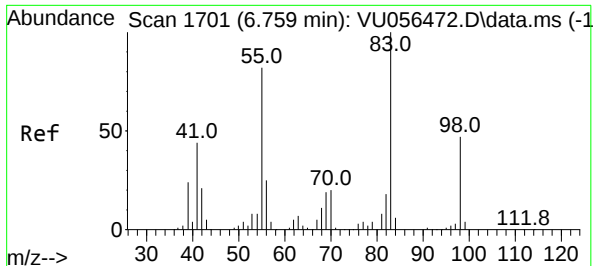


#34
Trichloroethene
Concen: 3.821 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU056475.D
Acq: 18 Nov 2023 12:51

Tgt Ion: 95 Resp: 70831

Ion	Ratio	Lower	Upper
95	100		
97	63.3	46.5	86.3
132	86.4	62.0	115.2
130	89.0	66.3	123.1





#35

Methylcyclohexane

Concen: 0.283 ug/L

RT: 6.756 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU056475.D

Acq: 18 Nov 2023 12:51

Instrument :

MSVOA_U

ClientSampleId :

EY1C6

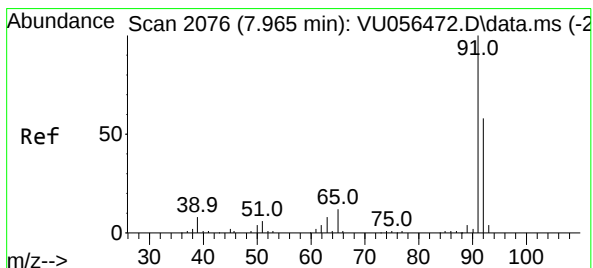
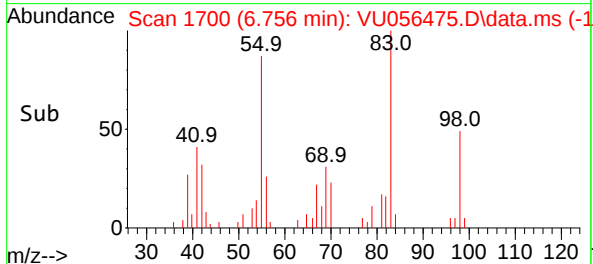
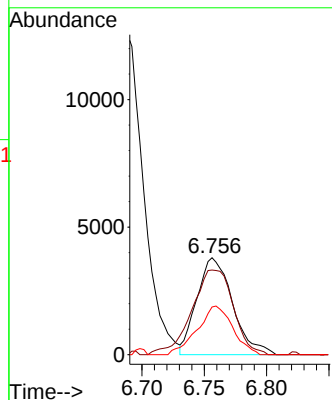
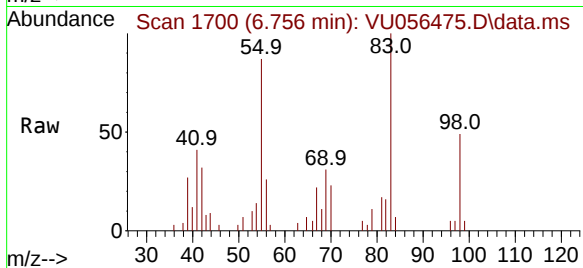
Tgt Ion: 83 Resp: 7578

Ion Ratio Lower Upper

83 100

55 101.4 62.9 94.3#

98 49.6 35.3 52.9



#42

Toluene

Concen: 0.638 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.003 min

Lab File: VU056475.D

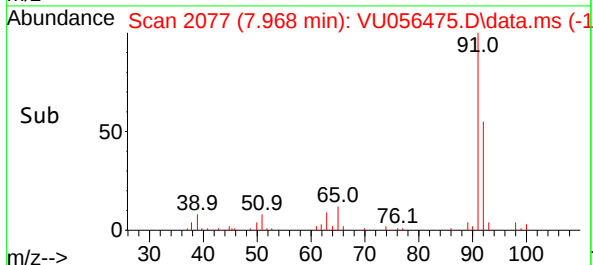
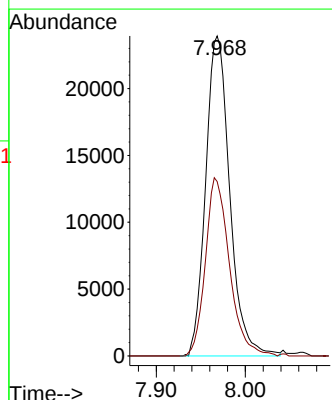
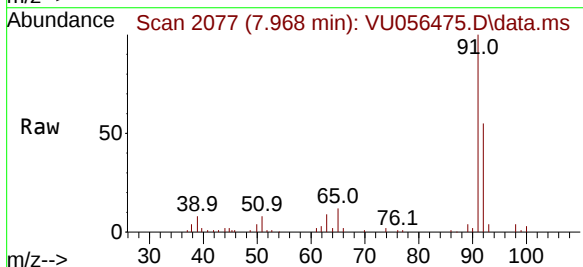
Acq: 18 Nov 2023 12:51

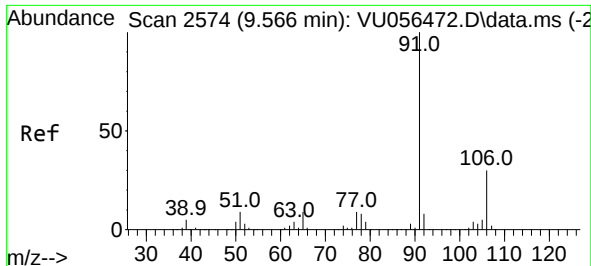
Tgt Ion: 91 Resp: 44968

Ion Ratio Lower Upper

91 100

92 54.5 40.6 75.4

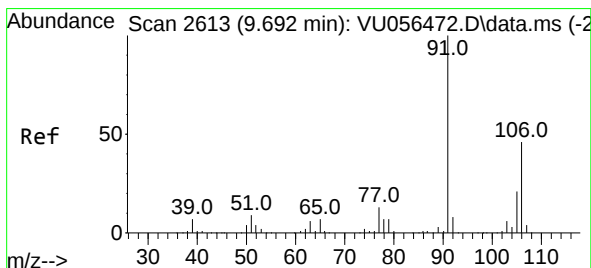
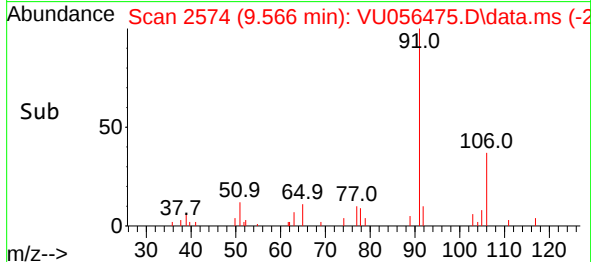
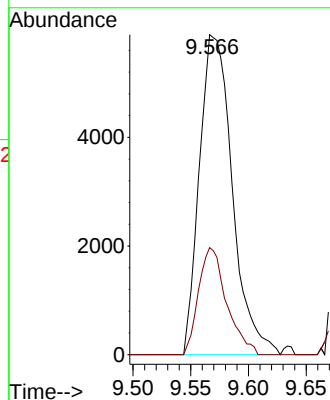
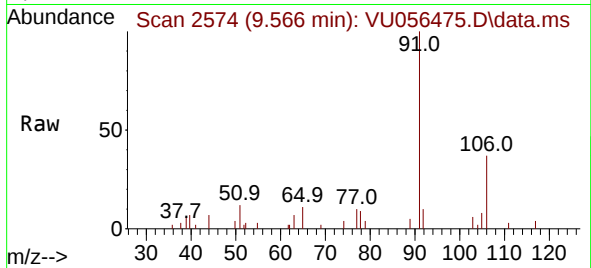




#52
Ethylbenzene
Concen: 0.149 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056475.D
Acq: 18 Nov 2023 12:51

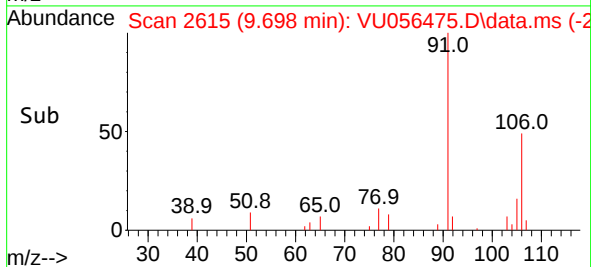
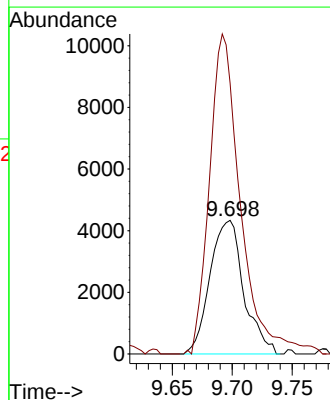
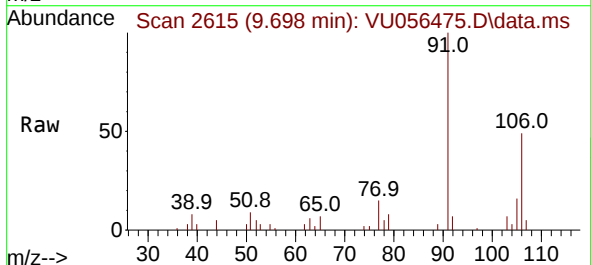
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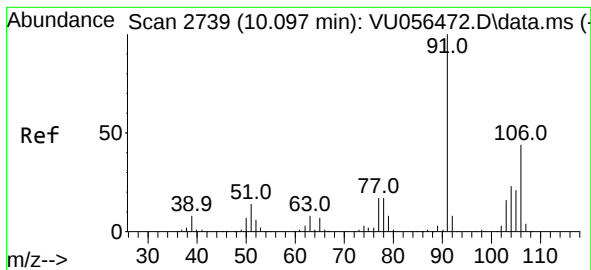
Tgt Ion: 91 Resp: 11664
Ion Ratio Lower Upper
91 100
106 33.4 21.1 39.1



#53
m,p-Xylene
Concen: 0.295 ug/L
RT: 9.698 min Scan# 2615
Delta R.T. 0.006 min
Lab File: VU056475.D
Acq: 18 Nov 2023 12:51

Tgt Ion: 106 Resp: 8485
Ion Ratio Lower Upper
106 100
91 202.5 149.6 277.8





#54

o-Xylene

Concen: 0.145 ug/L

RT: 10.100 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU056475.D

Acq: 18 Nov 2023 12:51

Instrument :

MSVOA_U

ClientSampleId :

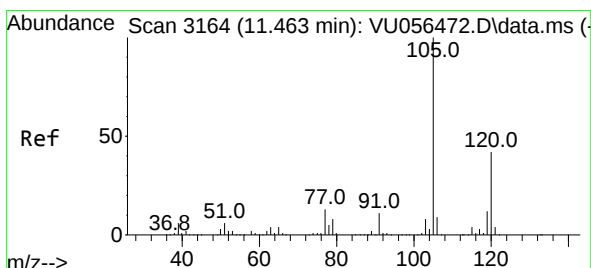
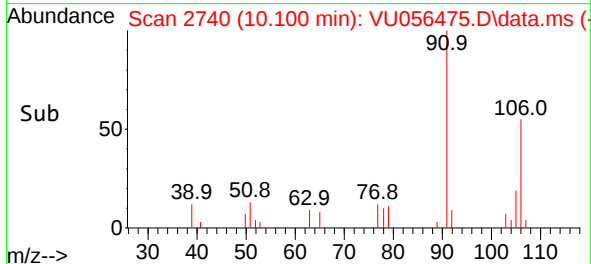
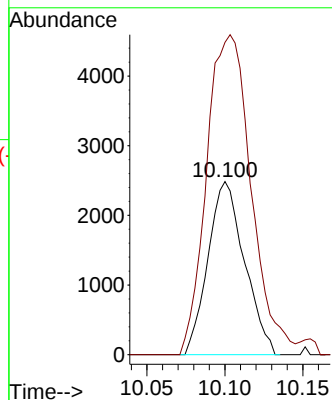
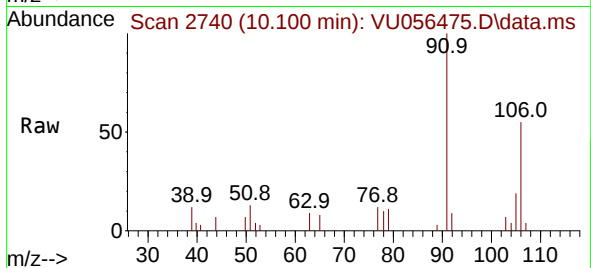
EY1C6

Tgt Ion:106 Resp: 4039

Ion Ratio Lower Upper

106 100

91 180.3 159.3 295.9



#63

1,2,4-Trimethylbenzene

Concen: 0.174 ug/L

RT: 11.467 min Scan# 3165

Delta R.T. 0.003 min

Lab File: VU056475.D

Acq: 18 Nov 2023 12:51

Tgt Ion:105 Resp: 8068

Ion Ratio Lower Upper

105 100

120 43.5 34.0 51.0

