

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051202.D
 Acq On : 07 Oct 2022 03:36
 Operator : JC/MD
 Sample : N4893-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J16

Quant Time: Oct 07 06:31:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 02:51:40 2022
 Response via : Initial Calibration

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

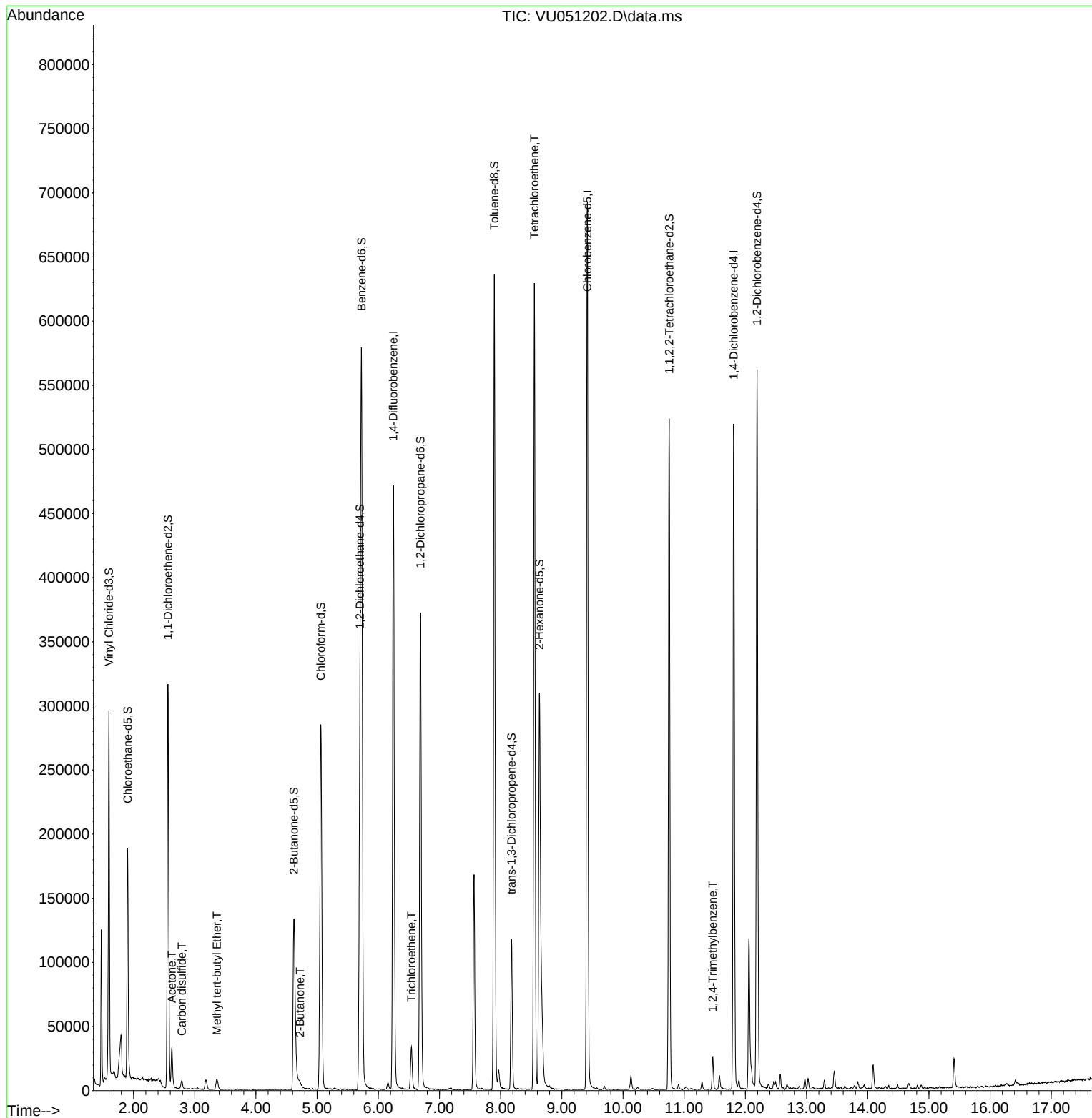
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	376784	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	382241	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	138387	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	162992	42.685	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.360%
7) Chloroethane-d5	1.903	69	136073	38.362	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.720%
11) 1,1-Dichloroethene-d2	2.562	63	187115	33.173	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.340%
21) 2-Butanone-d5	4.620	46	189829	76.648	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	76.650%
24) Chloroform-d	5.060	84	272536	44.300	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.700	65	172811	45.382	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.760%
32) Benzene-d6	5.726	84	536298	47.912	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.820%
36) 1,2-Dichloropropane-d6	6.690	67	186045	51.221	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.440%
41) Toluene-d8	7.896	98	425012	41.096	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	8.179	79	65883	38.029	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.060%
47) 2-Hexanone-d5	8.632	63	83566	56.979	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	56.980%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	266717	42.016	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.040%
66) 1,2-Dichlorobenzene-d4	12.192	152	146853	49.674	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.340%
Target Compounds						
					Qvalue	
13) Acetone	2.626	43	33367	16.872	ug/L	96
14) Carbon disulfide	2.790	76	8320	1.048	ug/L	97
18) Methyl tert-butyl Ether	3.362	73	7768	0.894	ug/L	97
22) 2-Butanone	4.719	43	5971	2.185	ug/L	79
34) Trichloroethene	6.542	95	10302	3.413	ug/L	97
46) Tetrachloroethene	8.552	164	136600	59.719	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	12541	1.702	ug/L	91

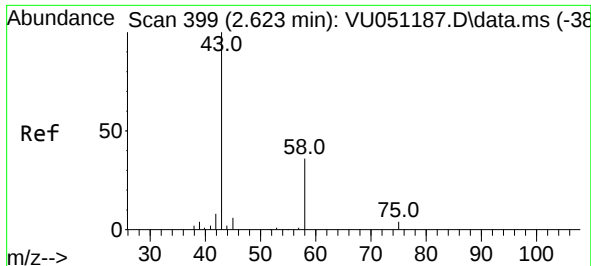
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 16.872 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU051202.D

Acq: 07 Oct 2022 03:36

Instrument :

MSVOA_U

ClientSampleId :

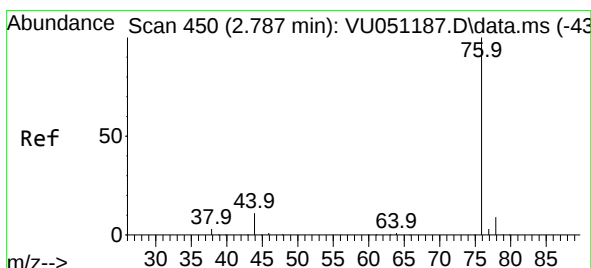
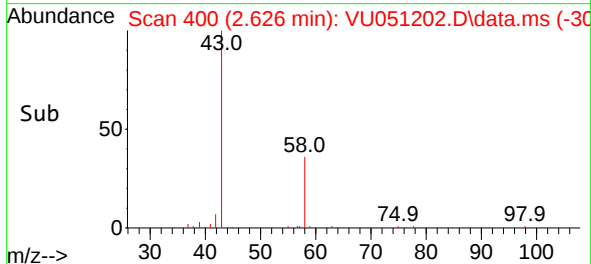
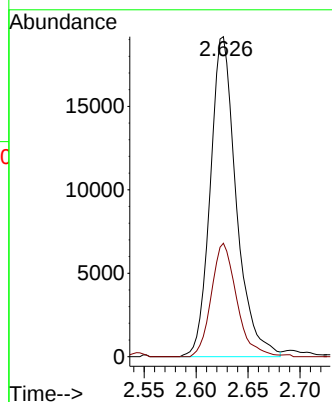
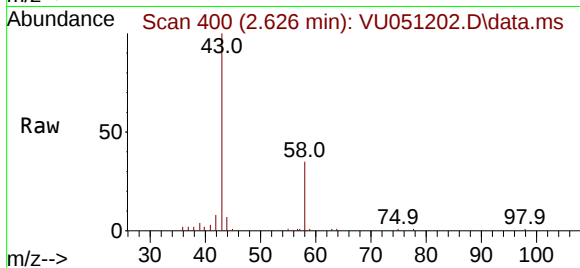
F5J16

Tgt Ion: 43 Resp: 33367

Ion Ratio Lower Upper

43 100

58 34.6 0.0 73.6



#14

Carbon disulfide

Concen: 1.048 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU051202.D

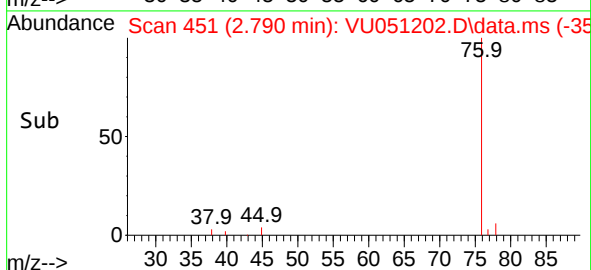
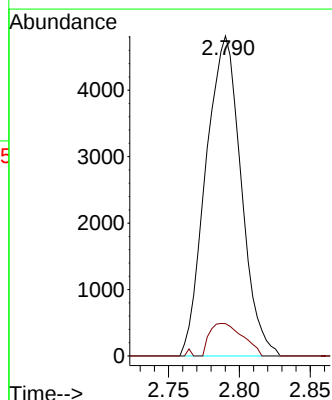
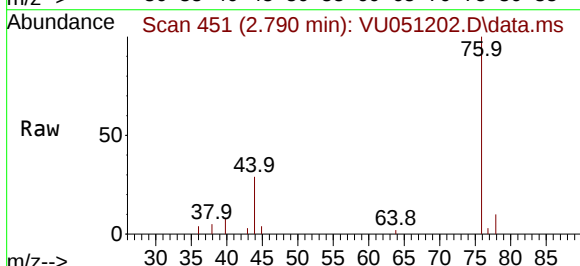
Acq: 07 Oct 2022 03:36

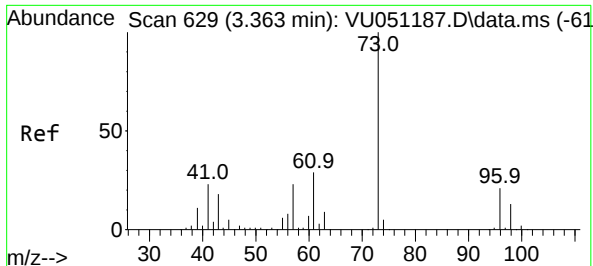
Tgt Ion: 76 Resp: 8320

Ion Ratio Lower Upper

76 100

78 10.1 7.4 11.0

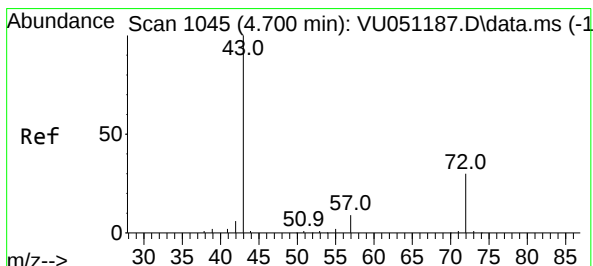
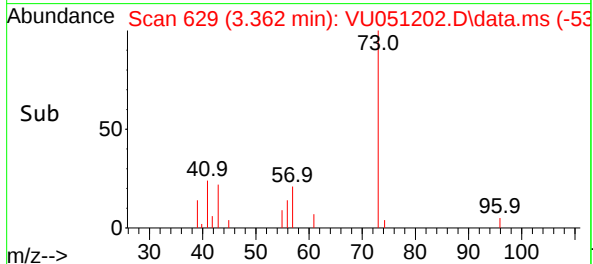
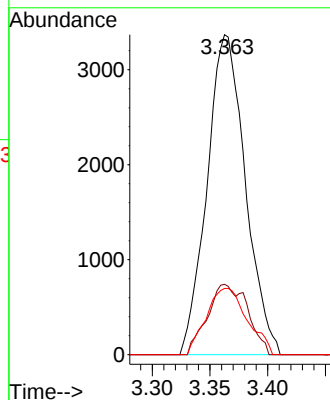
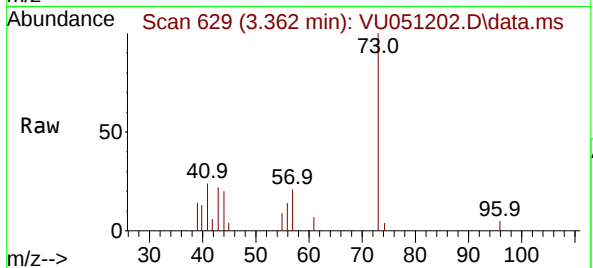




#18
Methyl tert-butyl Ether
Concen: 0.894 ug/L
RT: 3.362 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU051202.D
Acq: 07 Oct 2022 03:36

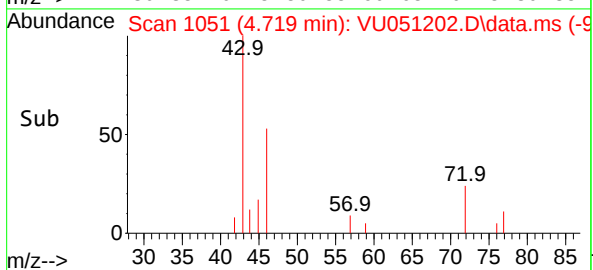
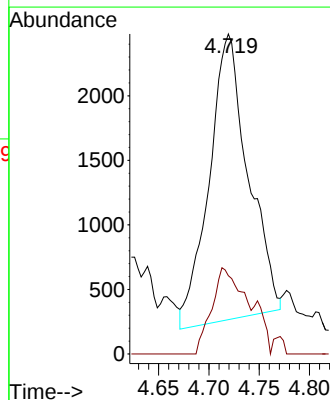
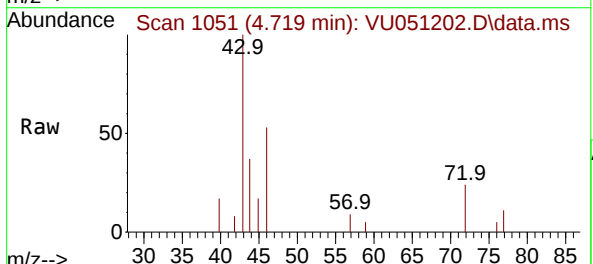
Instrument :
MSVOA_U
ClientSampleId :
F5J16

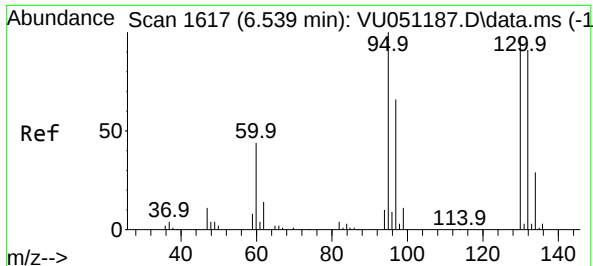
Tgt Ion: 73	Resp:	7768	
Ion	Ratio	Lower	Upper
73	100		
43	15.8	14.7	22.1
57	22.2	17.5	26.3



#22
2-Butanone
Concen: 2.185 ug/L
RT: 4.719 min Scan# 1051
Delta R.T. 0.019 min
Lab File: VU051202.D
Acq: 07 Oct 2022 03:36

Tgt Ion: 43	Resp:	5971	
Ion	Ratio	Lower	Upper
43	100		
72	20.1	15.8	47.4





#34

Trichloroethene

Concen: 3.413 ug/L

RT: 6.542 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU051202.D

Acq: 07 Oct 2022 03:36

Instrument :

MSVOA_U

ClientSampleId :

F5J16

Tgt Ion: 95 Resp: 10302

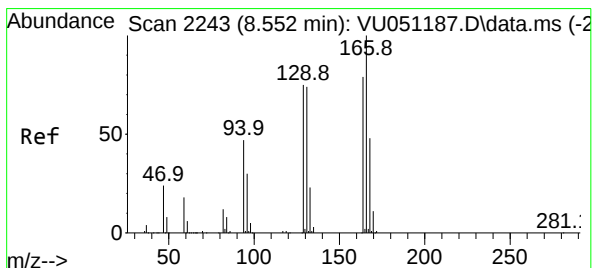
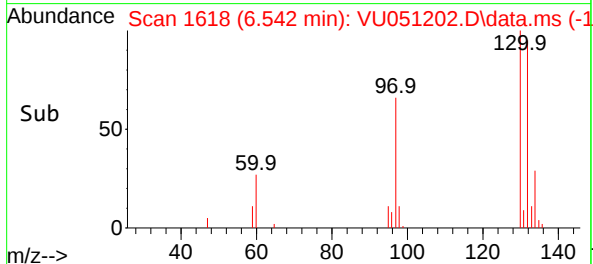
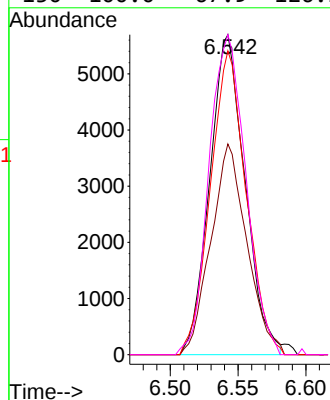
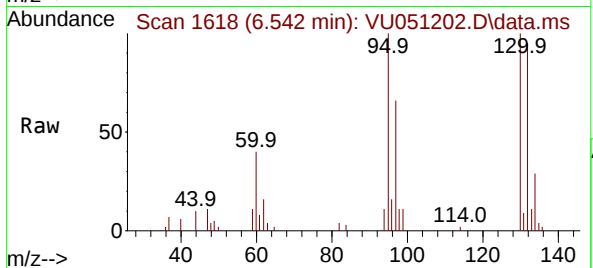
Ion Ratio Lower Upper

95 100

97 65.9 45.9 85.3

132 95.0 64.0 119.0

130 100.0 67.9 126.1



#46

Tetrachloroethene

Concen: 59.719 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU051202.D

Acq: 07 Oct 2022 03:36

Tgt Ion:164 Resp: 136600

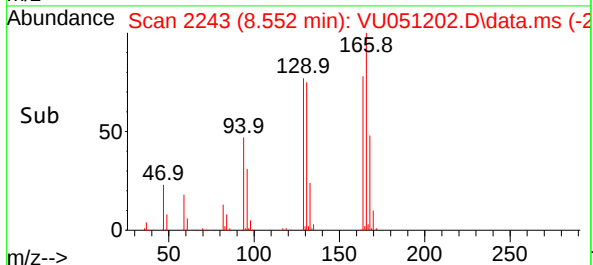
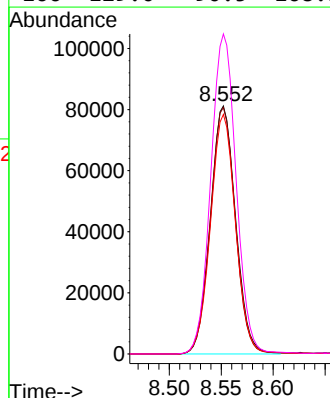
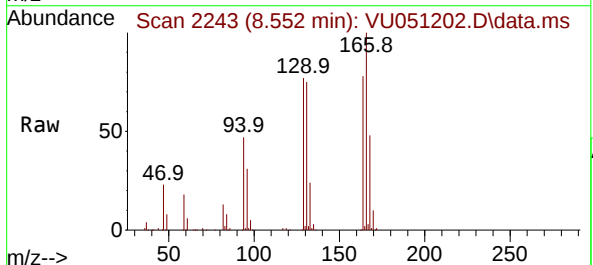
Ion Ratio Lower Upper

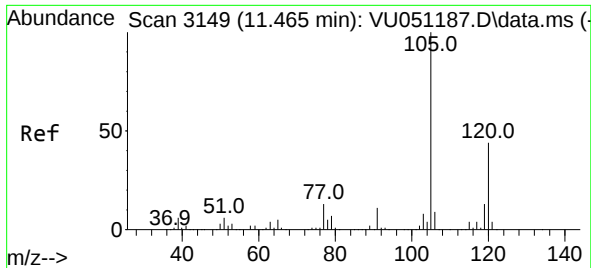
164 100

129 99.4 68.1 126.5

131 96.6 67.8 126.0

166 129.0 90.5 168.1





#63
 1,2,4-Trimethylbenzene
 Concen: 1.702 ug/L
 RT: 11.468 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU051202.D
 Acq: 07 Oct 2022 03:36

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J16

Tgt Ion:105 Resp: 12541
 Ion Ratio Lower Upper
 105 100
 120 50.1 35.5 53.3

