

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122024\
 Data File : VU062556.D
 Acq On : 21 Dec 2024 05:47
 Operator : MD/SY
 Sample : P5344-13
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CH8

Quant Time: Dec 21 06:00:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 23:41:56 2024
 Response via : Initial Calibration

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

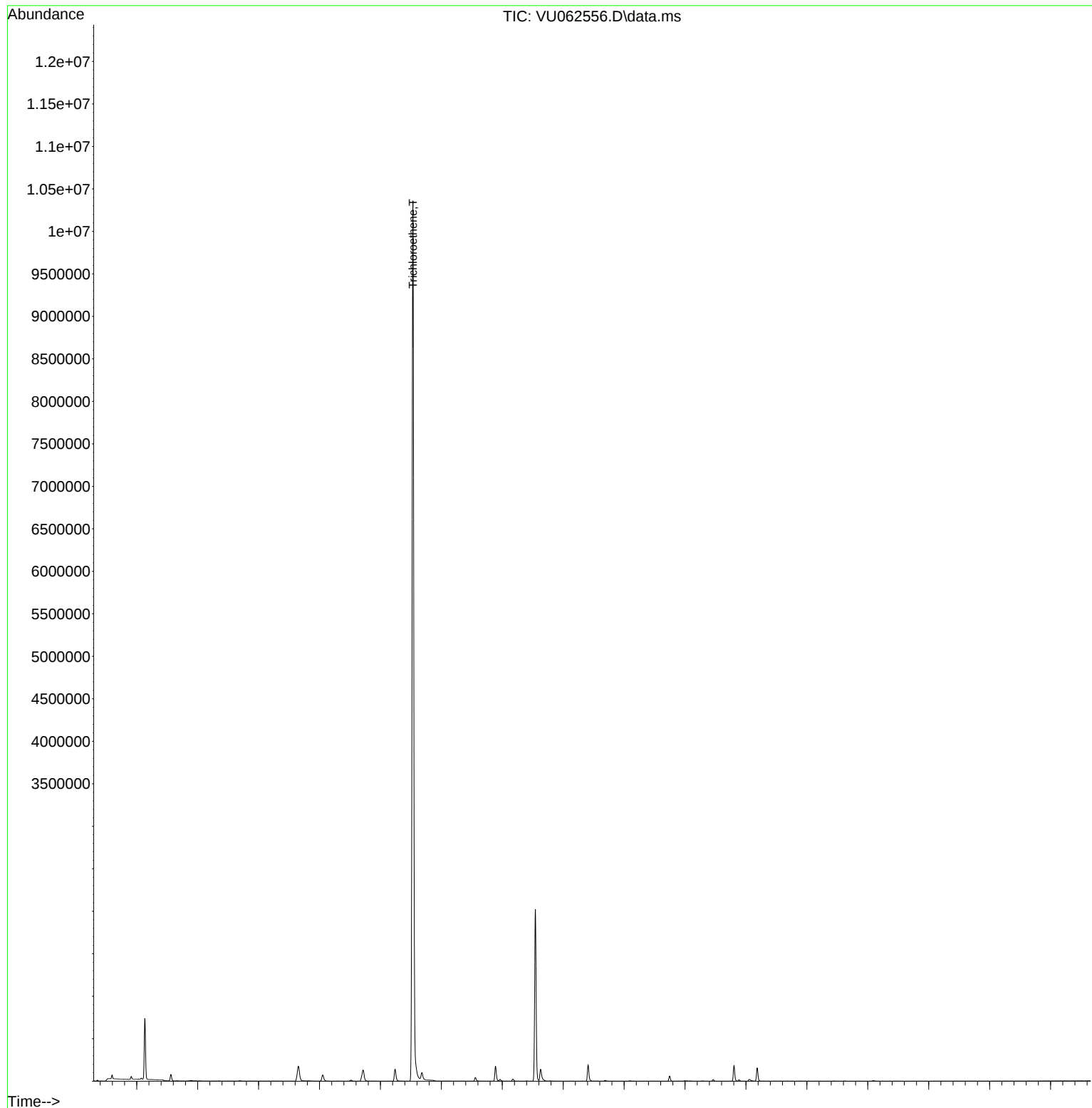
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	120234	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	109044	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	52752	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	30646	3.779	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.911	69	25169	4.363	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.560	65	14566	3.775	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	4.631	46	66474	42.769	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.540%
24) Chloroform-d	5.052	84	70966	4.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
26) 1,2-Dichloroethane-d4	5.692	65	38605	4.473	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
32) Benzene-d6	5.717	84	129674	4.129	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.682	67	36542	4.066	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.400%
41) Toluene-d8	7.888	98	122619	4.133	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	8.174	79	16675	4.216	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.627	63	50703	42.490	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.980%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29493	4.218	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	43951	4.521	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.132	101	482919	30.271	ug/L	99
13) Acetone	2.663	43	4738	4.477	ug/L	94
22) cis-1,2-Dichloroethene	4.656	96	86580	9.261	ug/L	98
31) Carbon tetrachloride	5.518	117	8620	0.613	ug/L	96
34) Trichloroethene	6.534	95	3721921	388.824	ug/L	97
42) Toluene	7.965	91	16083	0.441	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	1140	0.183	ug/L	87
47) Tetrachloroethene	8.544	164	450282	60.925	ug/L	96
51) Chlorobenzene	9.444	112	3279	0.140	ug/L	91
53) m,p-Xylene	9.692	106	3016	0.200	ug/L	96
54) o-Xylene	10.094	106	1700	0.116	ug/L	74
62) 1,3,5-Trimethylbenzene	11.084	105	2390	0.074	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	12645	0.400	ug/L	97

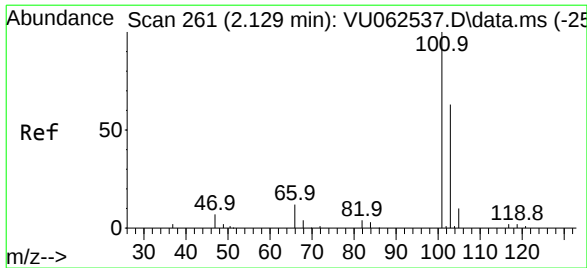
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122024\
Data File : VU062556.D
Acq On : 21 Dec 2024 05:47
Operator : MD/SY
Sample : P5344-13
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CH8

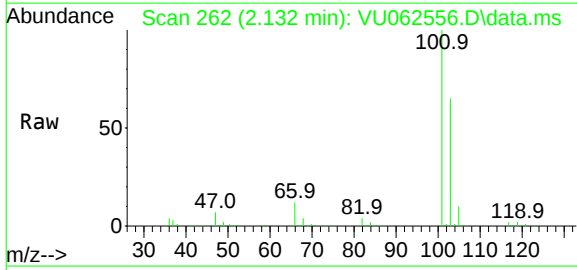
Quant Time: Dec 21 06:00:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 20 23:41:56 2024
Response via : Initial Calibration



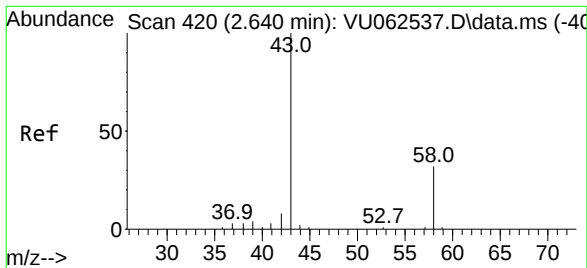
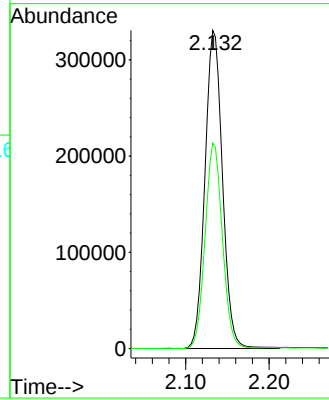
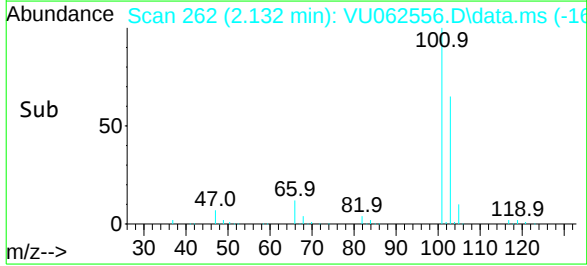


#9
Trichlorofluoromethane
Concen: 30.271 ug/L
RT: 2.132 min Scan# 261
Delta R.T. 0.003 min
Lab File: VU062556.D
Acq: 21 Dec 2024 05:47

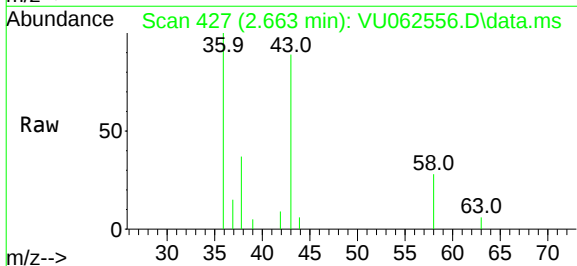
Instrument :
MSVOA_U
ClientSampleId :
C0CH8



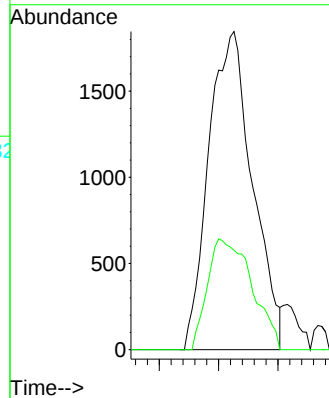
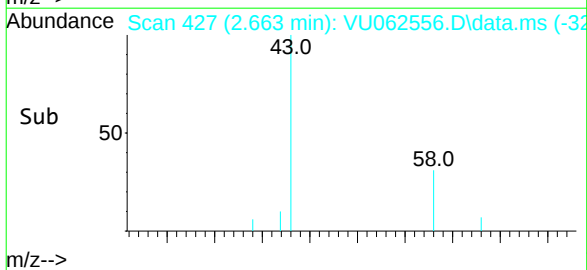
Tgt Ion:101 Resp: 482919
Ion Ratio Lower Upper
101 100
103 63.8 50.6 75.8

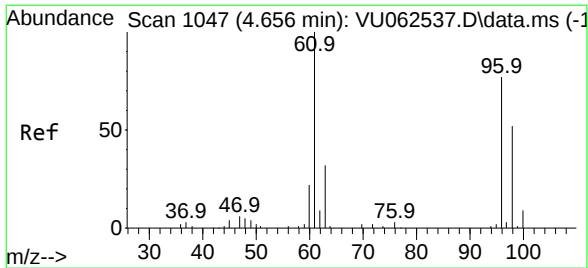


#13
Acetone
Concen: 4.477 ug/L
RT: 2.663 min Scan# 427
Delta R.T. 0.023 min
Lab File: VU062556.D
Acq: 21 Dec 2024 05:47



Tgt Ion: 43 Resp: 4738
Ion Ratio Lower Upper
43 100
58 35.2 0.0 64.0

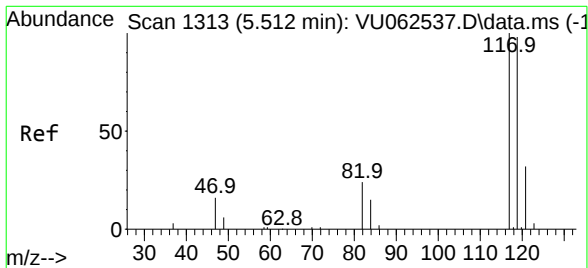
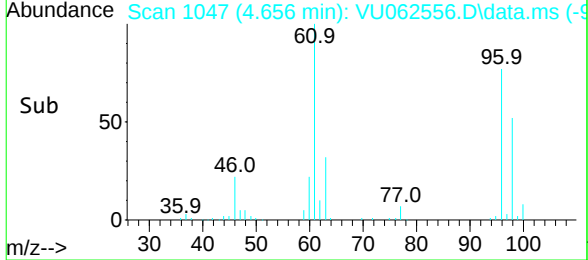
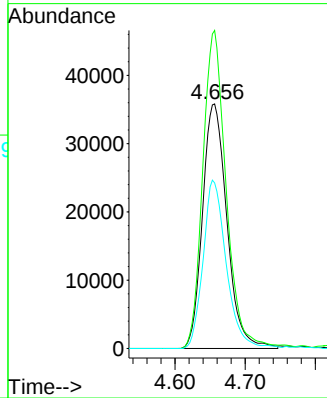
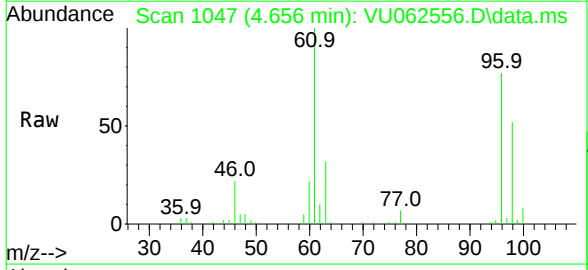




#22
 cis-1,2-Dichloroethene
 Concen: 9.261 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU062556.D
 Acq: 21 Dec 2024 05:47

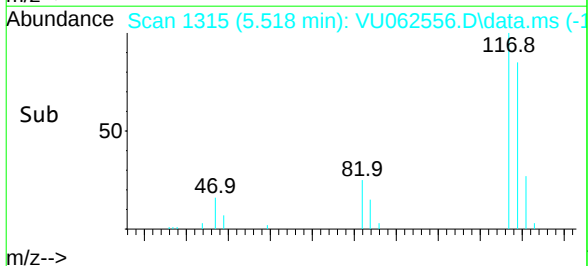
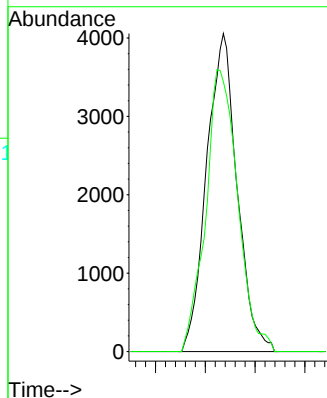
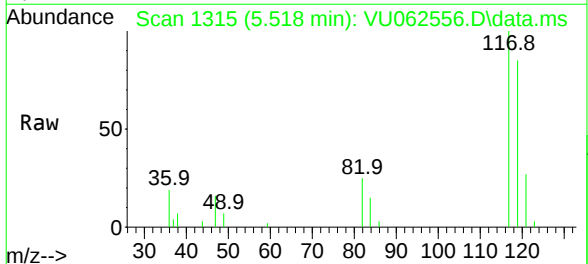
Instrument :
 MSVOA_U
 ClientSampleId :
 C0CH8

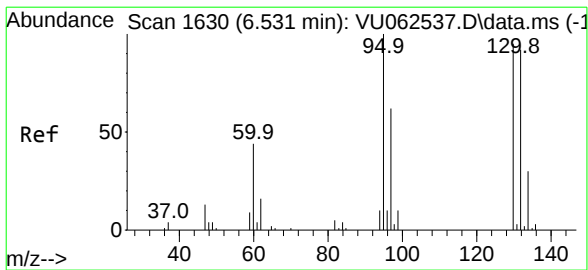
Tgt Ion:	96	Resp:	86580
Ion	Ratio	Lower	Upper
96	100		
61	130.0	92.0	170.8
98	67.7	44.5	82.7



#31
 Carbon tetrachloride
 Concen: 0.613 ug/L
 RT: 5.518 min Scan# 1315
 Delta R.T. 0.006 min
 Lab File: VU062556.D
 Acq: 21 Dec 2024 05:47

Tgt Ion:	117	Resp:	8620
Ion	Ratio	Lower	Upper
117	100		
119	93.1	77.5	116.3





#34

Trichloroethene

Concen: 388.824 ug/L

RT: 6.534 min Scan# 16

Delta R.T. 0.003 min

Lab File: VU062556.D

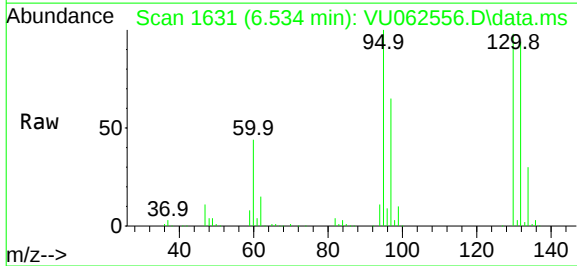
Acq: 21 Dec 2024 05:47

Instrument :

MSVOA_U

ClientSampleId :

C0CH8



Tgt Ion: 95 Resp: 3721921

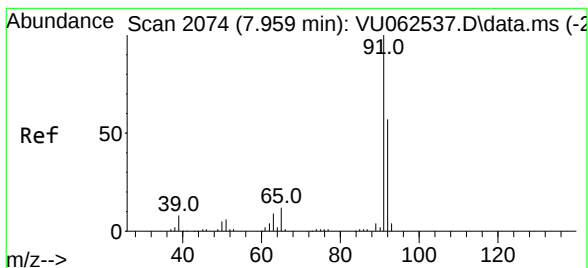
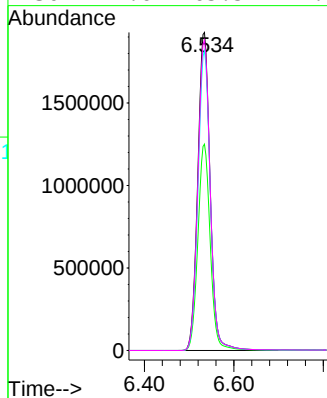
Ion Ratio Lower Upper

95 100

97 64.9 45.9 85.3

132 94.3 63.8 118.4

130 97.6 65.5 121.7



#42

Toluene

Concen: 0.441 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.006 min

Lab File: VU062556.D

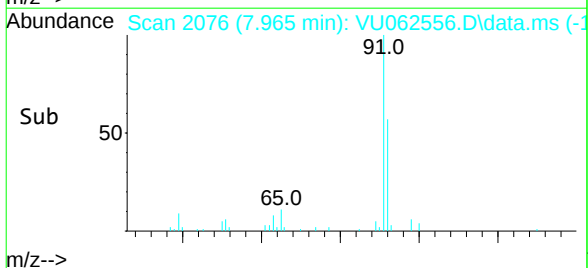
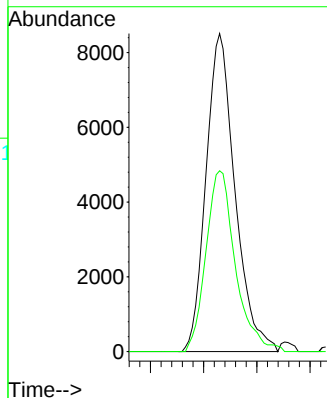
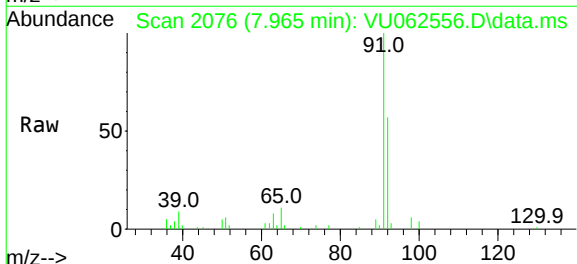
Acq: 21 Dec 2024 05:47

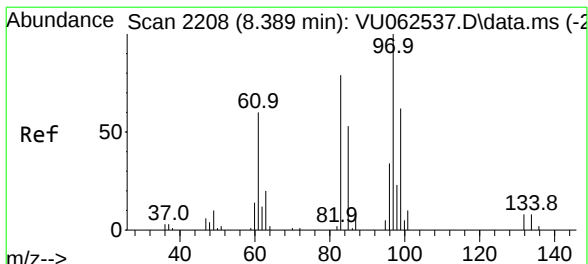
Tgt Ion: 91 Resp: 16083

Ion Ratio Lower Upper

91 100

92 56.9 39.0 72.4

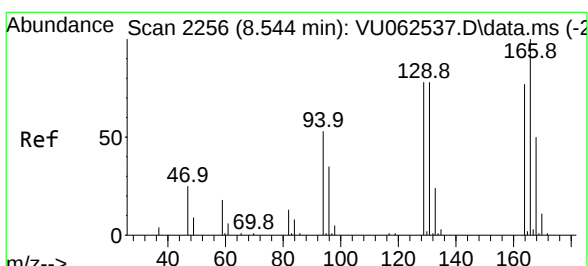
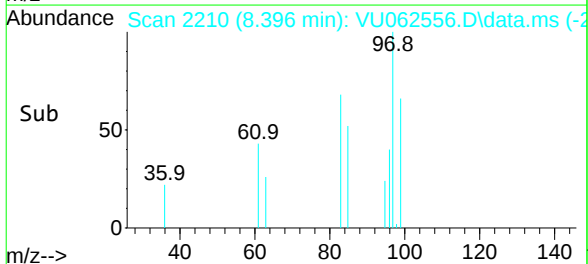
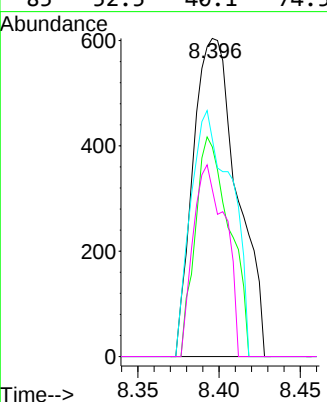
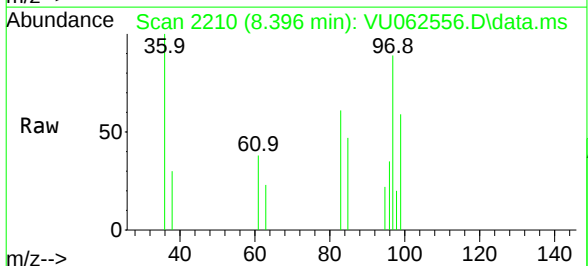




#45
 1,1,2-Trichloroethane
 Concen: 0.183 ug/L
 RT: 8.396 min Scan# 2208
 Delta R.T. 0.006 min
 Lab File: VU062556.D
 Acq: 21 Dec 2024 05:47

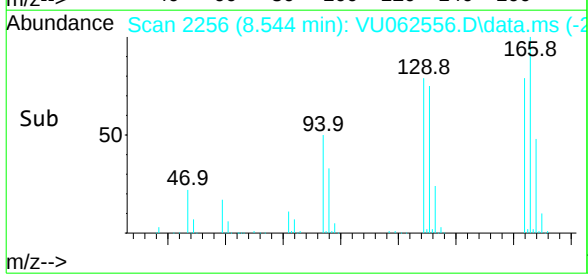
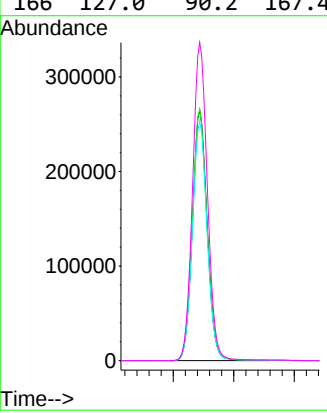
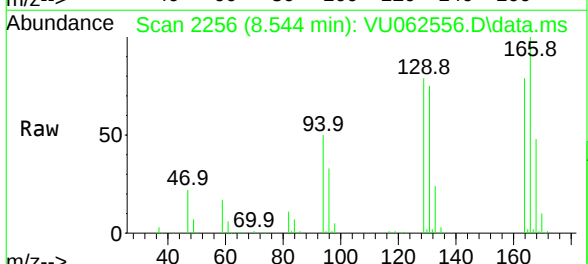
Instrument :
 MSVOA_U
 ClientSampleId :
 C0CH8

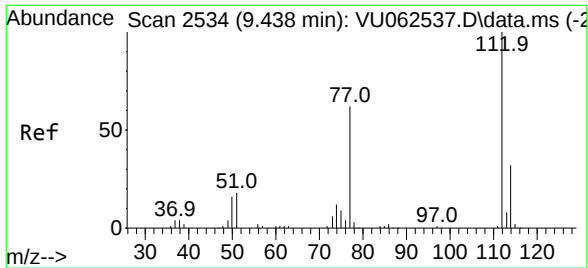
Tgt Ion:	97	Resp:	1140
Ion	Ratio	Lower	Upper
97	100		
99	65.9	43.0	79.8
83	68.4	61.7	114.5
85	52.5	40.1	74.5



#47
 Tetrachloroethene
 Concen: 60.925 ug/L
 RT: 8.544 min Scan# 2256
 Delta R.T. 0.000 min
 Lab File: VU062556.D
 Acq: 21 Dec 2024 05:47

Tgt Ion:	164	Resp:	450282
Ion	Ratio	Lower	Upper
164	100		
129	100.4	73.2	136.0
131	95.5	72.3	134.3
166	127.0	90.2	167.4





#51

Chlorobenzene

Concen: 0.140 ug/L

RT: 9.444 min Scan# 25

Delta R.T. 0.006 min

Lab File: VU062556.D

Acq: 21 Dec 2024 05:47

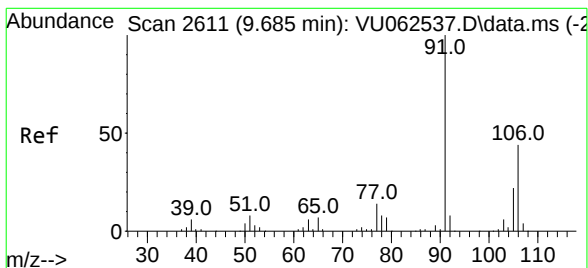
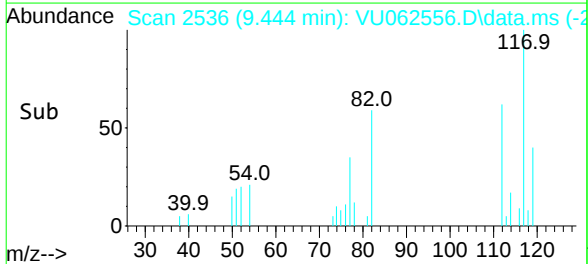
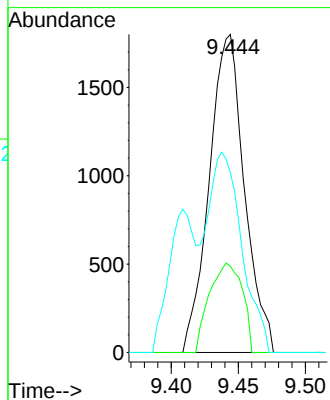
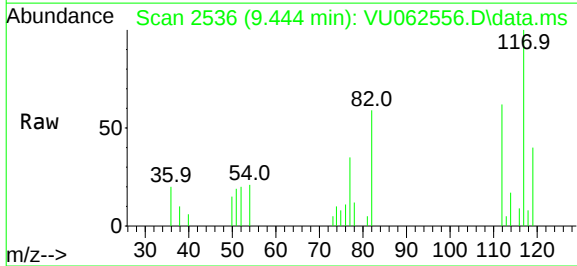
Instrument :

MSVOA_U

ClientSampleId :

C0CH8

Tgt Ion:	112	Resp:	3279
Ion	Ratio	Lower	Upper
112	100		
114	27.1	23.0	42.6
77	56.6	50.5	75.7



#53

m,p-Xylene

Concen: 0.200 ug/L

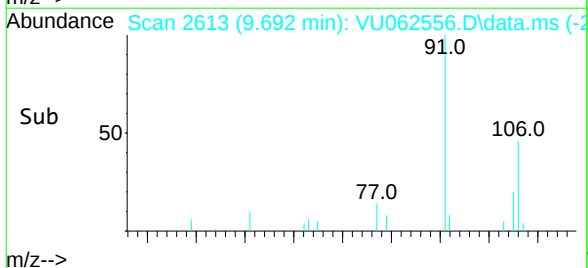
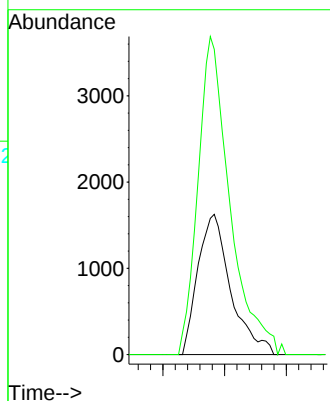
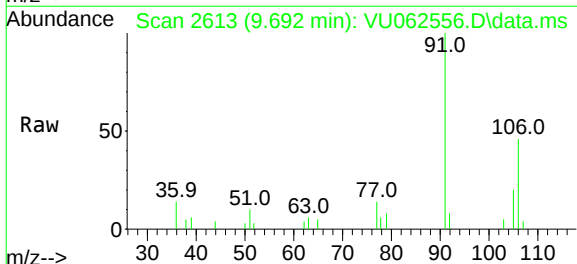
RT: 9.692 min Scan# 2613

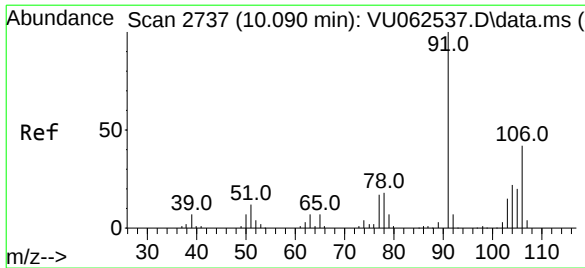
Delta R.T. 0.006 min

Lab File: VU062556.D

Acq: 21 Dec 2024 05:47

Tgt Ion:	106	Resp:	3016
Ion	Ratio	Lower	Upper
106	100		
91	217.7	147.6	274.0





#54

o-Xylene

Concen: 0.116 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. 0.003 min

Lab File: VU062556.D

Acq: 21 Dec 2024 05:47

Instrument :

MSVOA_U

ClientSampleId :

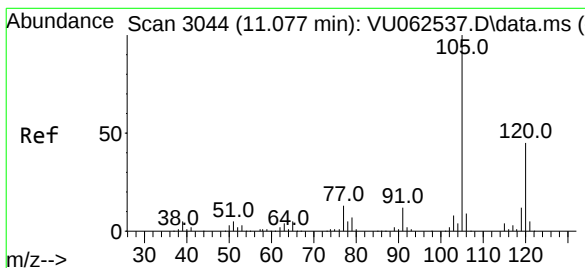
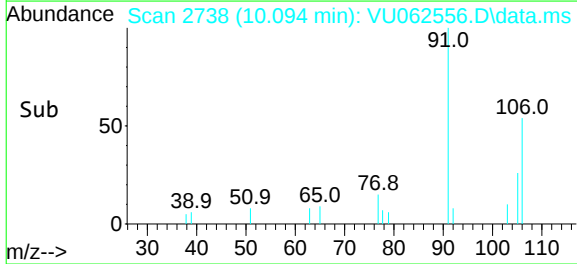
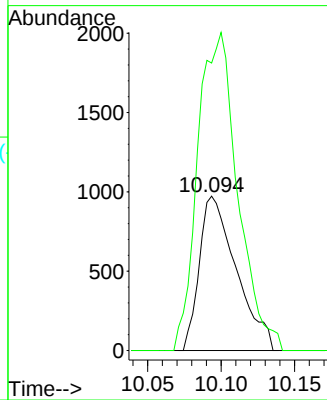
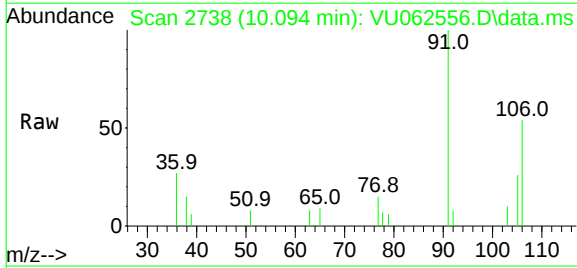
C0CH8

Tgt Ion:106 Resp: 1700

Ion Ratio Lower Upper

106 100

91 186.2 159.8 296.8



#62

1,3,5-Trimethylbenzene

Concen: 0.074 ug/L

RT: 11.084 min Scan# 3046

Delta R.T. 0.006 min

Lab File: VU062556.D

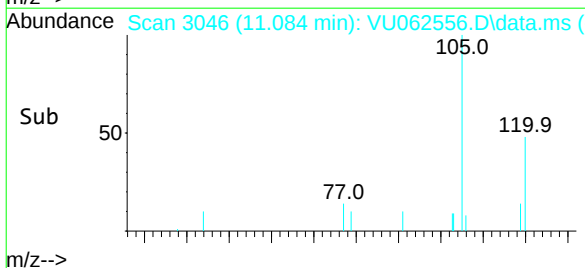
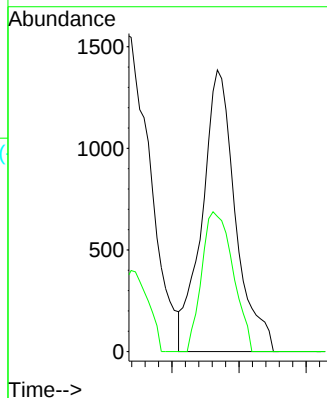
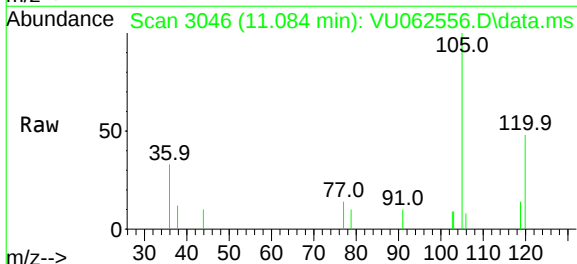
Acq: 21 Dec 2024 05:47

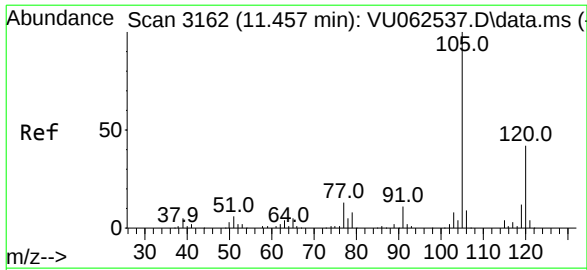
Tgt Ion:105 Resp: 2390

Ion Ratio Lower Upper

105 100

120 46.4 36.7 55.1





#63
 1,2,4-Trimethylbenzene
 Concen: 0.400 ug/L
 RT: 11.463 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VU062556.D
 Acq: 21 Dec 2024 05:47

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CH8

Tgt Ion:105 Resp: 12645
 Ion Ratio Lower Upper
 105 100
 120 41.7 34.7 52.1

