

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122024\
 Data File : VU062536.D
 Acq On : 20 Dec 2024 19:56
 Operator : MD/SY
 Sample : P5345-16
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CP6

Quant Time: Dec 20 22:38:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 22:32:26 2024
 Response via : Initial Calibration

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

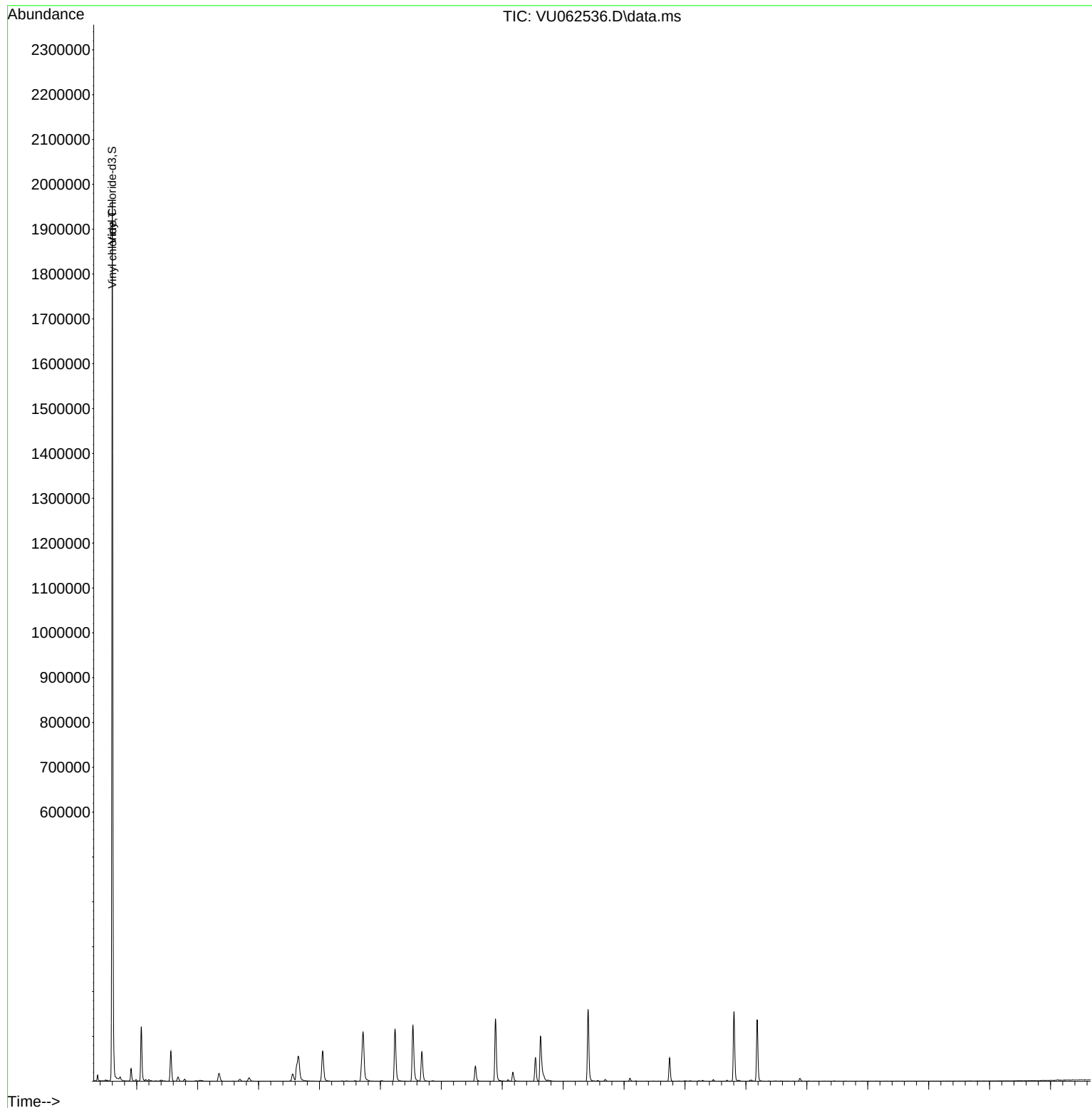
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	98078	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	92982	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	44375	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	33067	4.998	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.000%
7) Chloroethane-d5	1.908	69	18135	3.854	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.560	65	12269	3.898	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	4.624	46	46635	36.783	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.560%
24) Chloroform-d	5.052	84	61191	4.274	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	5.692	65	33608	4.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.718	84	105364	3.934	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
36) 1,2-Dichloropropane-d6	6.679	67	30124	3.931	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.600%
41) Toluene-d8	7.891	98	99121	3.918	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	8.174	79	13394	3.971	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.627	63	35597	34.984	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.960%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	22985	3.855	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	36426	4.455	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
5) Vinyl chloride	1.599	62	1293933	172.579	ug/L	100
12) 1,1-Dichloroethene	2.570	96	1267	0.191	ug/L #	1
14) Carbon disulfide	2.785	76	6358	0.304	ug/L	97
17) Methyl tert-butyl Ether	3.358	73	5846	0.354	ug/L #	77
18) trans-1,2-Dichloroethene	3.348	96	5819	0.855	ug/L	90
22) cis-1,2-Dichloroethene	4.657	96	25704	3.370	ug/L	90
34) Trichloroethene	6.534	95	42897	5.256	ug/L	95
47) Tetrachloroethene	8.547	164	11769	1.867	ug/L	97
53) m,p-Xylene	9.689	106	1566	0.122	ug/L	88
54) o-Xylene	10.097	106	1734	0.139	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	2522	0.095	ug/L	96

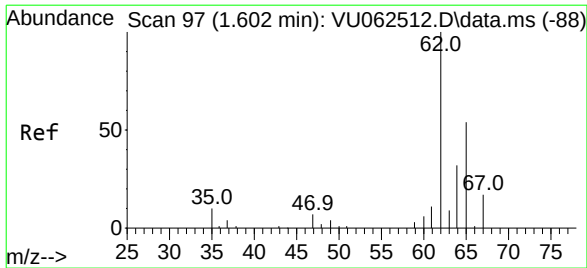
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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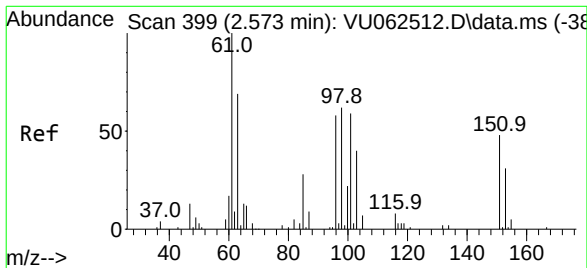
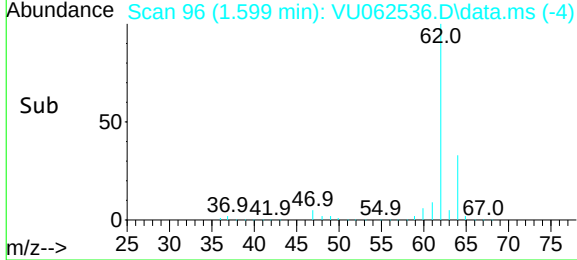
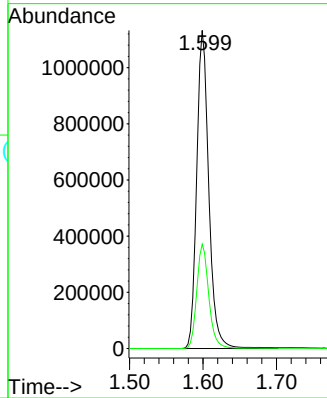
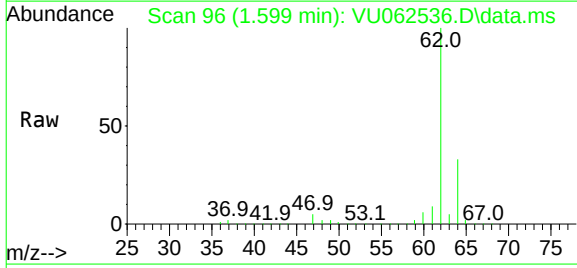




#5
 Vinyl chloride
 Concen: 172.579 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.003 min
 Lab File: VU062536.D
 Acq: 20 Dec 2024 19:56

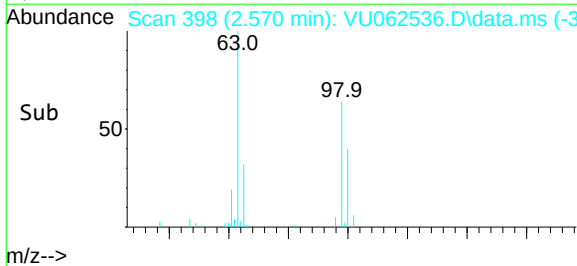
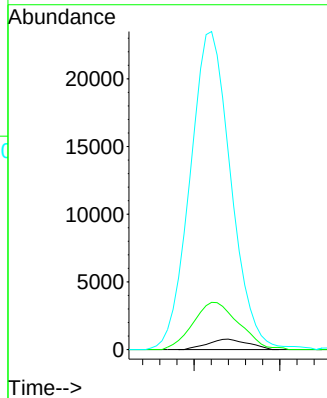
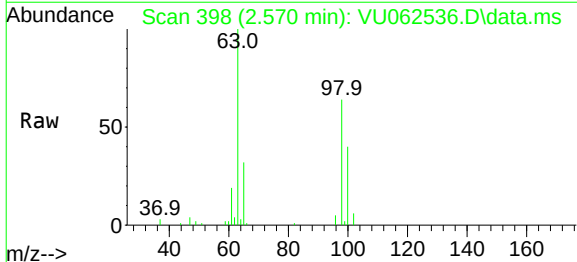
Instrument :
 MSVOA_U
 ClientSampleId :
 C0CP6

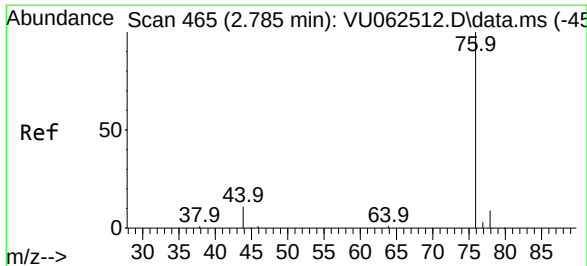
Tgt Ion: 62 Resp: 1293933
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.1 42.9



#12
 1,1-Dichloroethene
 Concen: 0.191 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. -0.003 min
 Lab File: VU062536.D
 Acq: 20 Dec 2024 19:56

Tgt Ion: 96 Resp: 1267
 Ion Ratio Lower Upper
 96 100
 61 356.1 119.6 222.2#
 63 1891.6 65.0 120.6#





#14

Carbon disulfide

Concen: 0.304 ug/L

RT: 2.785 min Scan# 46

Delta R.T. 0.000 min

Lab File: VU062536.D

Acq: 20 Dec 2024 19:56

Instrument :

MSVOA_U

ClientSampleId :

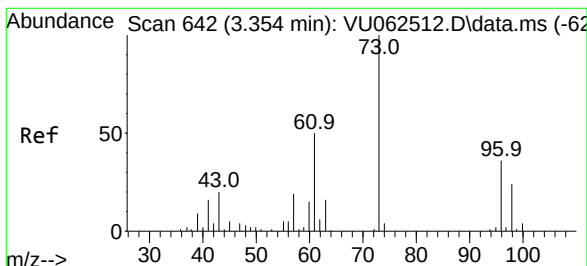
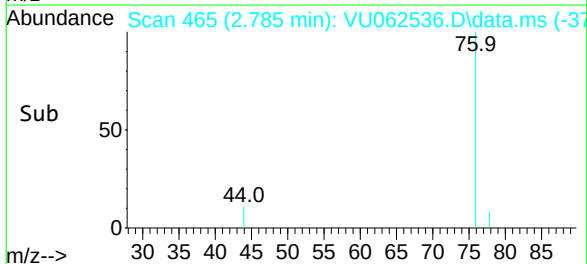
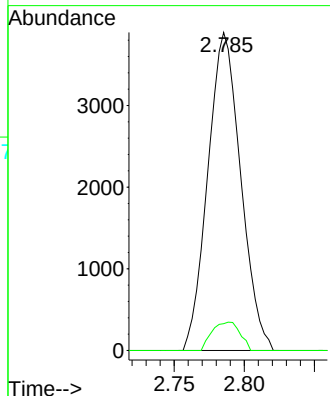
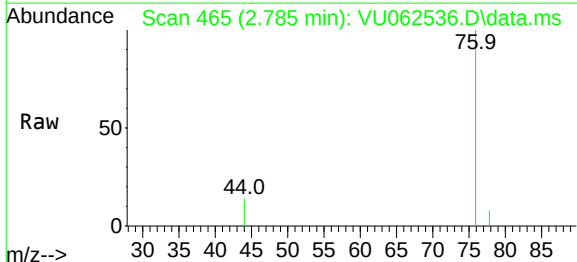
C0CP6

Tgt Ion: 76 Resp: 6358

Ion Ratio Lower Upper

76 100

78 8.4 7.5 11.3



#17

Methyl tert-butyl Ether

Concen: 0.354 ug/L

RT: 3.358 min Scan# 643

Delta R.T. 0.003 min

Lab File: VU062536.D

Acq: 20 Dec 2024 19:56

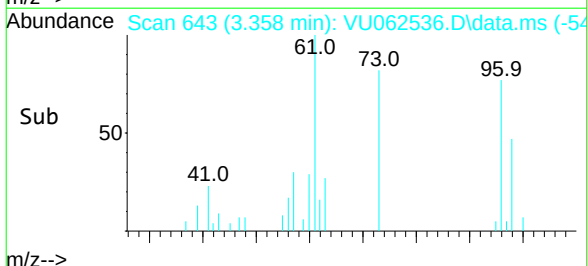
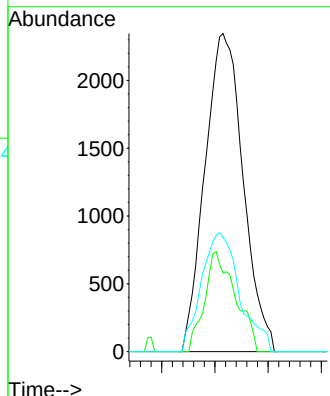
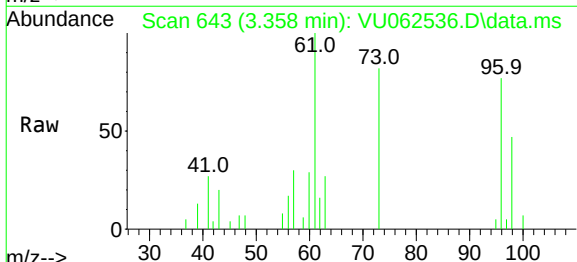
Tgt Ion: 73 Resp: 5846

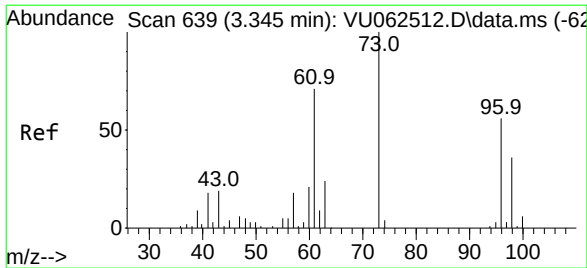
Ion Ratio Lower Upper

73 100

43 25.5 16.3 24.5#

57 37.5 17.1 25.7#

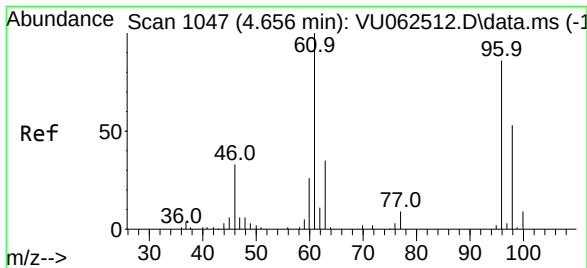
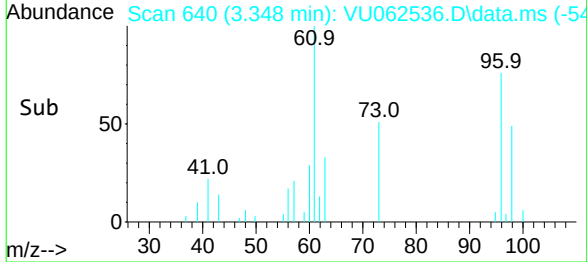
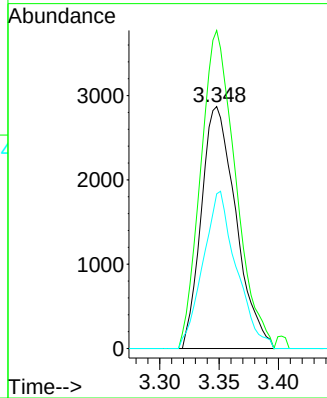
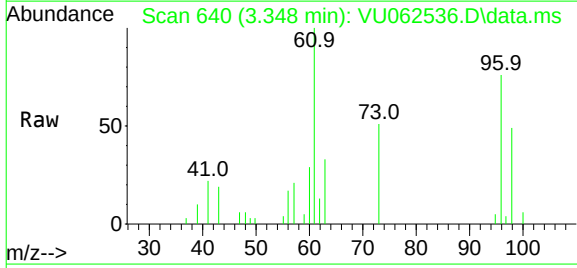




#18
trans-1,2-Dichloroethene
Concen: 0.855 ug/L
RT: 3.348 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU062536.D
Acq: 20 Dec 2024 19:56

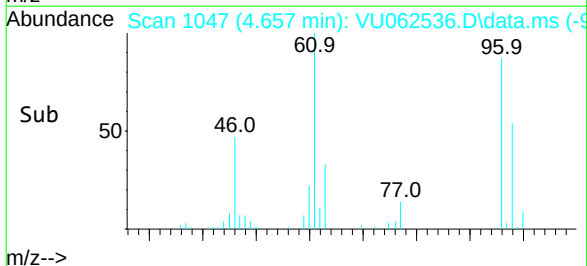
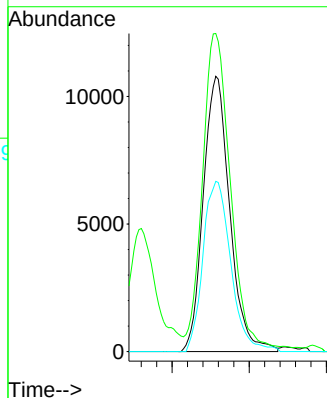
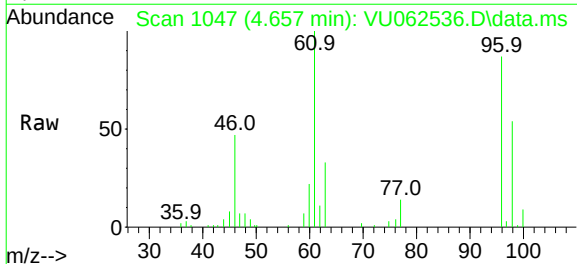
Instrument :
MSVOA_U
ClientSampleId :
C0CP6

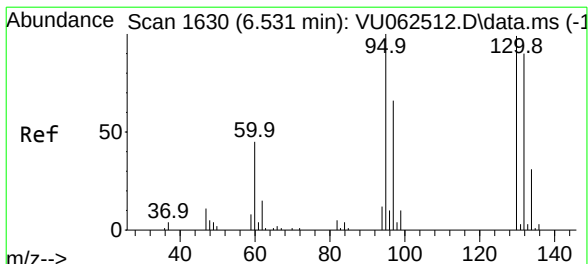
Tgt Ion: 96 Resp: 5819
Ion Ratio Lower Upper
96 100
61 131.5 104.2 193.4
98 63.9 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 3.370 ug/L
RT: 4.657 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU062536.D
Acq: 20 Dec 2024 19:56

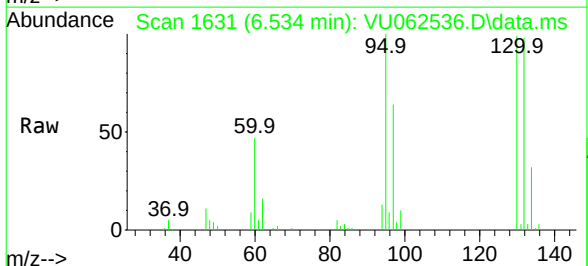
Tgt Ion: 96 Resp: 25704
Ion Ratio Lower Upper
96 100
61 115.5 92.0 170.8
98 61.8 44.5 82.7





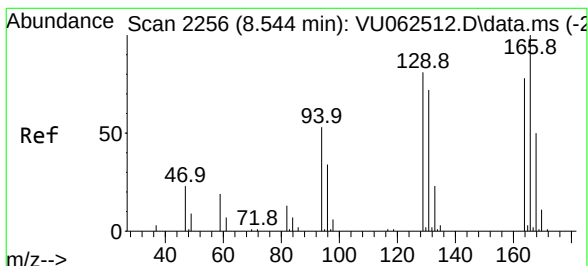
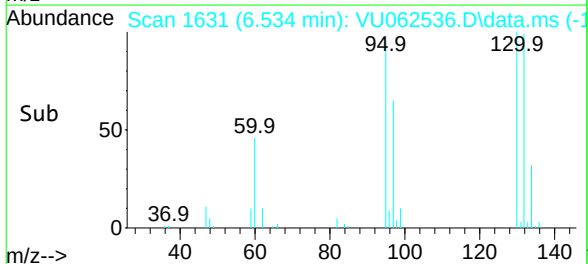
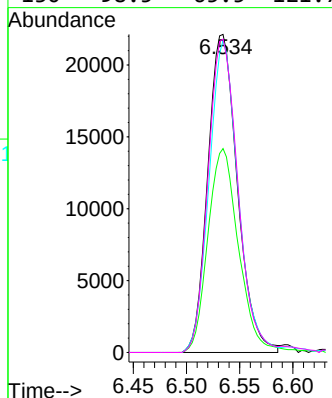
#34
 Trichloroethene
 Concen: 5.256 ug/L
 RT: 6.534 min Scan# 16
 Delta R.T. 0.003 min
 Lab File: VU062536.D
 Acq: 20 Dec 2024 19:56

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CP6



Tgt Ion: 95 Resp: 42897

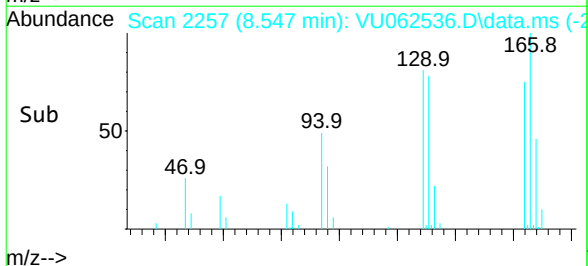
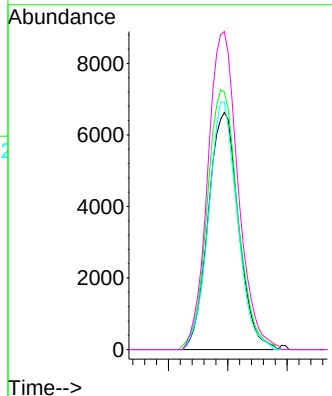
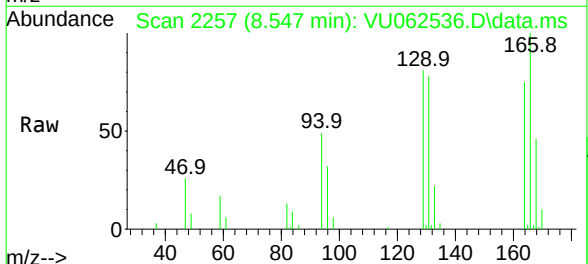
Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.9	85.3
132	98.0	63.8	118.4
130	98.5	65.5	121.7

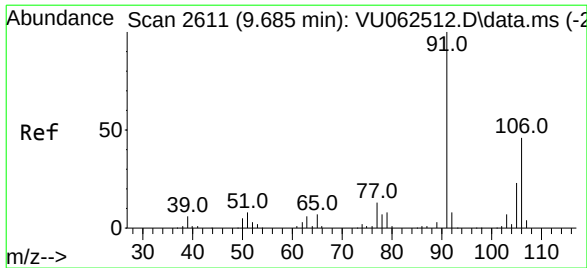


#47
 Tetrachloroethene
 Concen: 1.867 ug/L
 RT: 8.547 min Scan# 2257
 Delta R.T. 0.003 min
 Lab File: VU062536.D
 Acq: 20 Dec 2024 19:56

Tgt Ion: 164 Resp: 11769

Ion	Ratio	Lower	Upper
164	100		
129	108.6	73.2	136.0
131	104.4	72.3	134.3
166	134.1	90.2	167.4





#53

m,p-Xylene

Concen: 0.122 ug/L

RT: 9.689 min Scan# 2611

Delta R.T. 0.003 min

Lab File: VU062536.D

Acq: 20 Dec 2024 19:56

Instrument :

MSVOA_U

ClientSampleId :

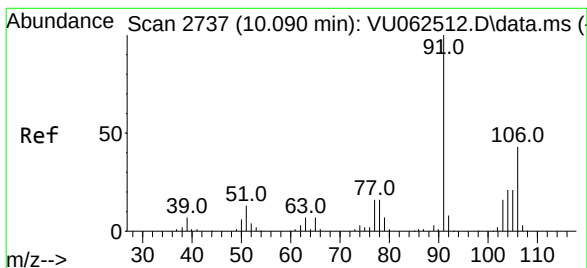
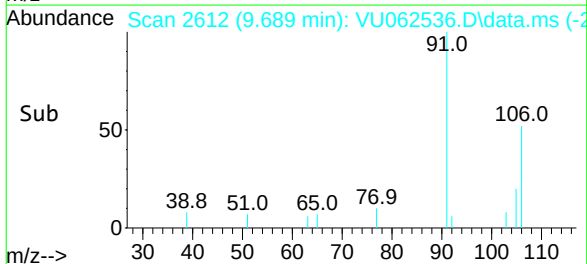
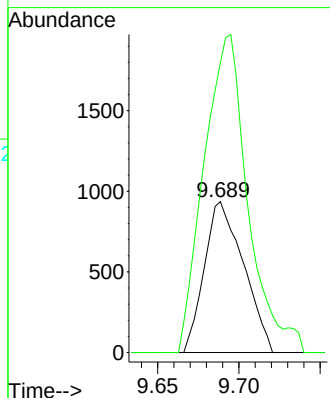
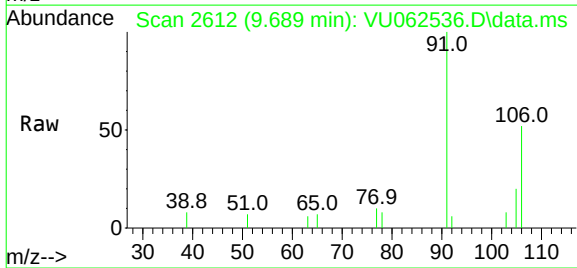
C0CP6

Tgt Ion:106 Resp: 1566

Ion Ratio Lower Upper

106 100

91 191.9 147.6 274.0



#54

o-Xylene

Concen: 0.139 ug/L

RT: 10.097 min Scan# 2739

Delta R.T. 0.007 min

Lab File: VU062536.D

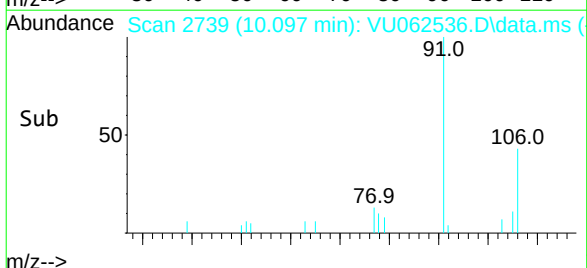
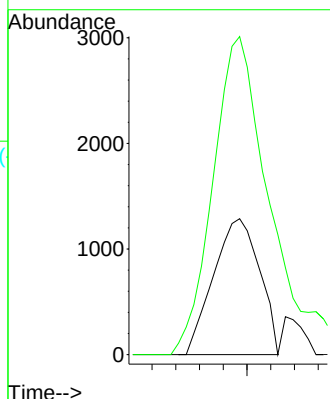
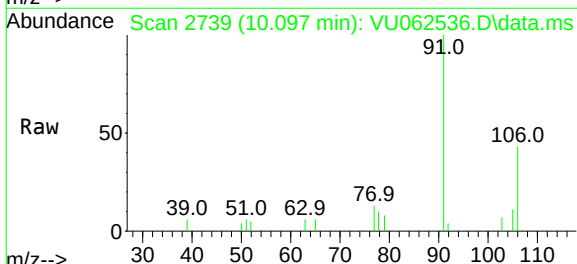
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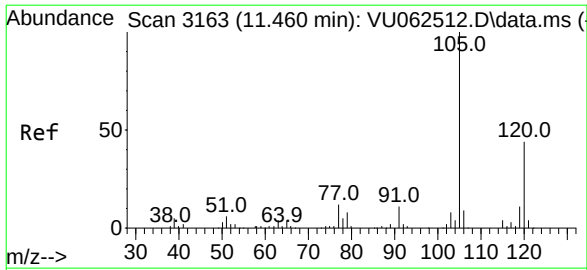
Tgt Ion:106 Resp: 1734

Ion Ratio Lower Upper

106 100

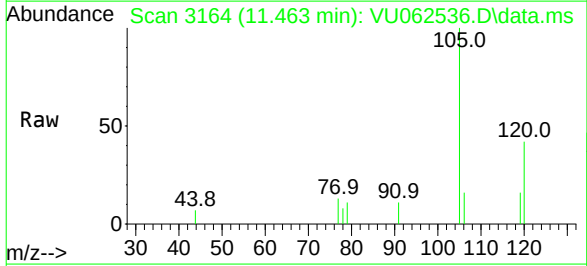
91 234.0 159.8 296.8





#63
1,2,4-Trimethylbenzene
Concen: 0.095 ug/L
RT: 11.463 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU062536.D
Acq: 20 Dec 2024 19:56

Instrument :
MSVOA_U
ClientSampleId :
C0CP6



Tgt Ion:105 Resp: 2522
Ion Ratio Lower Upper
105 100
120 46.0 34.7 52.1

