

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100224\
 Data File : VU061067.D
 Acq On : 02 Oct 2024 11:36
 Operator : MD/SY
 Sample : P4227-11DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-3(20240927)DL

Quant Time: Oct 03 06:28:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 03 06:26:52 2024
 Response via : Initial Calibration

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

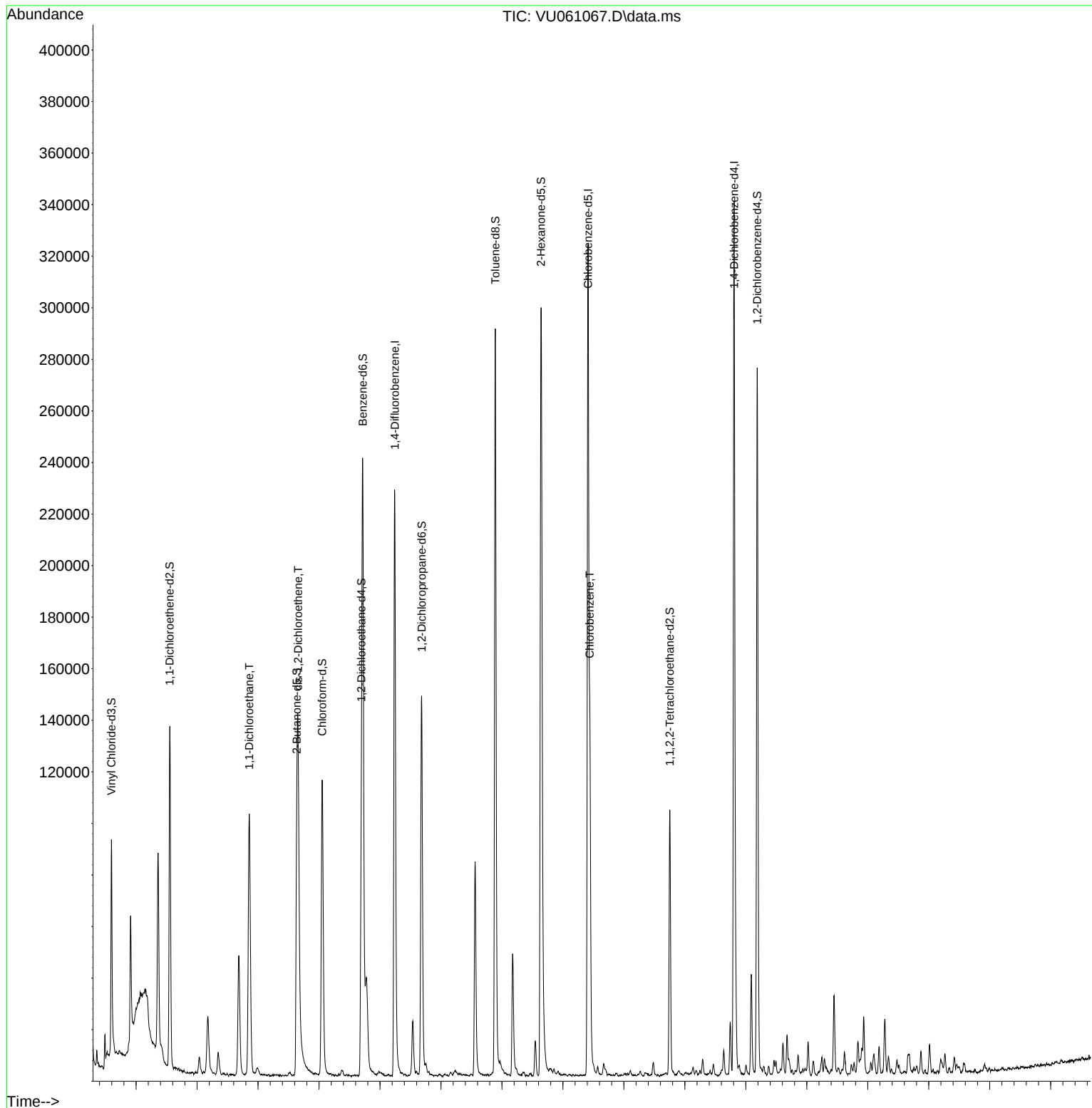
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	186439	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	175713	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	84327	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	59062	4.431	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.911	69	44542	4.464	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.551	65	26304	4.473	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.634	46	155532	48.712	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.420%
24) Chloroform-d	5.052	84	107925	4.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.695	65	58450	4.694	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.718	84	216762	4.679	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.682	67	72373	4.757	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.891	98	198157	4.576	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	8.177	79	30070	4.622	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.640	63	133258	49.487	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.980%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	53945	4.835	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	65147	4.832	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
5) Vinyl chloride	1.599	62	7999	0.607	ug/L #	80
12) 1,1-Dichloroethene	2.563	96	2078	0.193	ug/L #	1
18) trans-1,2-Dichloroethene	3.348	96	3404	0.288	ug/L	97
19) 1,1-Dichloroethane	3.856	63	120430	5.244	ug/L	99
22) cis-1,2-Dichloroethene	4.657	96	42846	3.260	ug/L	95
27) 1,2-Dichloroethane	5.788	62	18258	1.205	ug/L	97
33) Benzene	5.766	78	26787	0.517	ug/L	100
34) Trichloroethene	6.538	95	7332	0.522	ug/L	92
51) Chlorobenzene	9.441	112	66386	1.975	ug/L	94
60) Isopropylbenzene	10.483	105	3708	0.066	ug/L #	84
64) 1,3-Dichlorobenzene	11.746	146	7414	0.307	ug/L	96
65) 1,4-Dichlorobenzene	11.833	146	12511	0.524	ug/L	92

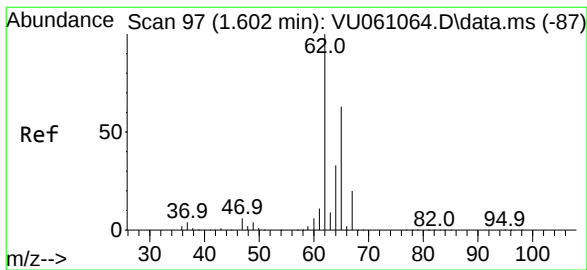
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.607 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.003 min

Lab File: VU061067.D

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Instrument :

MSVOA_U

ClientSampleId :

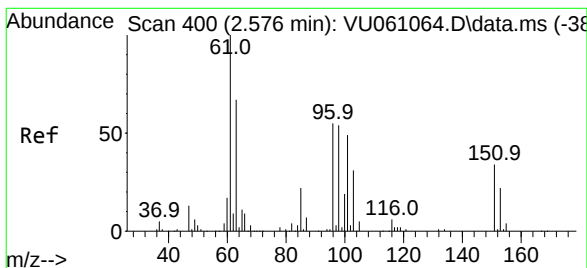
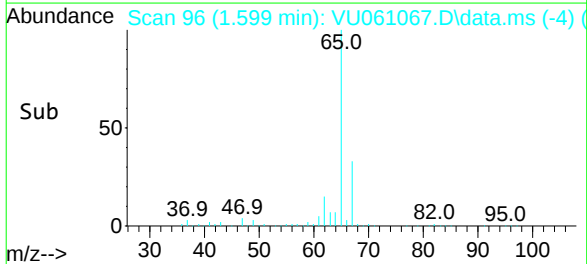
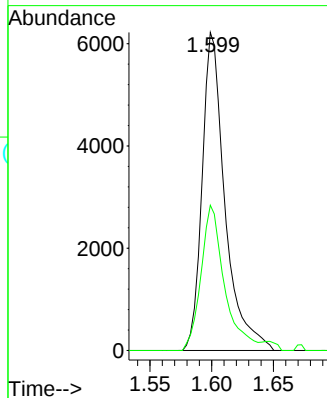
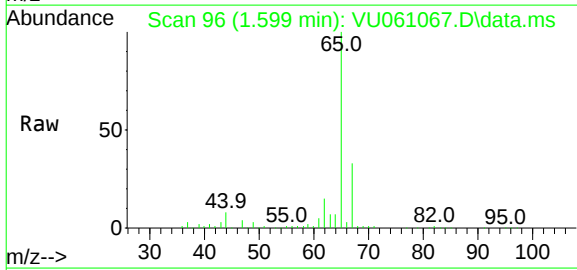
PMW-3(20240927)DL

Tgt Ion: 62 Resp: 7999

Ion Ratio Lower Upper

62 100

64 45.7 24.0 44.6#



#12

1,1-Dichloroethene

Concen: 0.193 ug/L

RT: 2.563 min Scan# 396

Delta R.T. -0.013 min

Lab File: VU061067.D

Acq: 02 Oct 2024 11:36

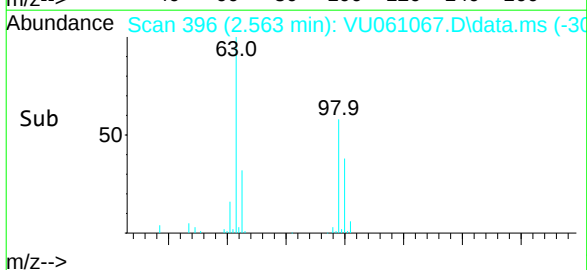
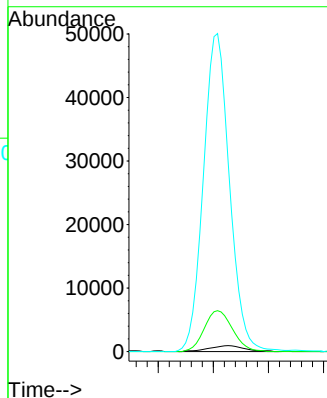
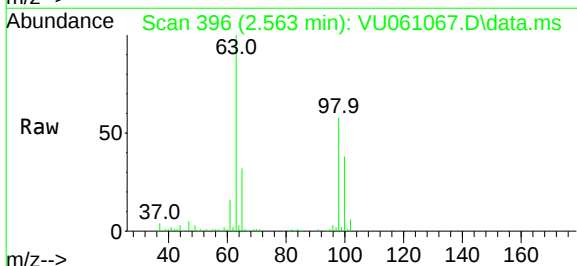
Tgt Ion: 96 Resp: 2078

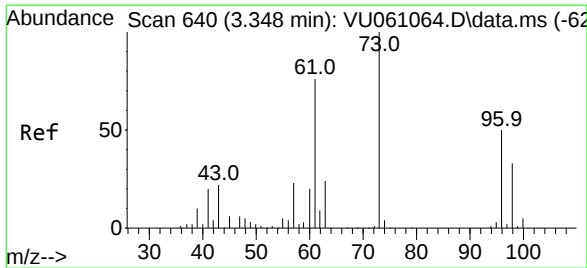
Ion Ratio Lower Upper

96 100

61 505.2 120.7 224.1#

63 3162.6 90.0 167.2#

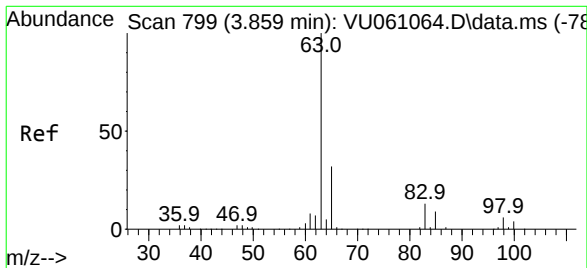
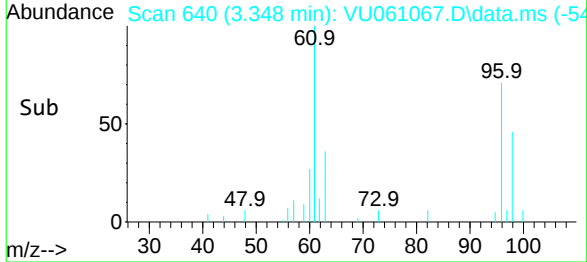
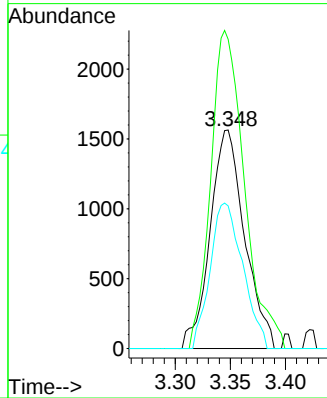
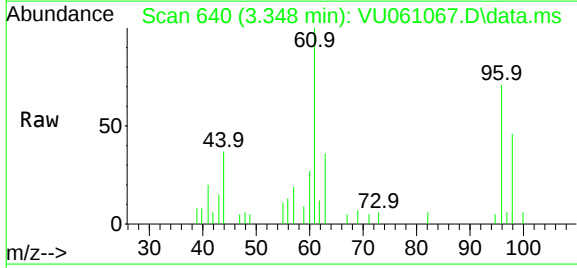




#18
trans-1,2-Dichloroethene
Concen: 0.288 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU061067.D
Acq: 02 Oct 2024 11:36

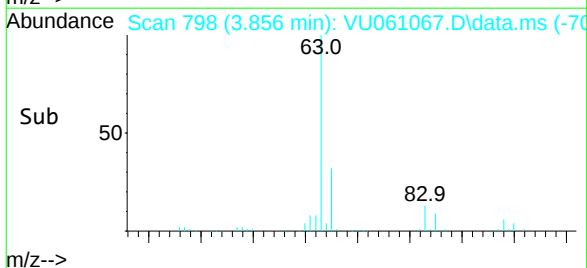
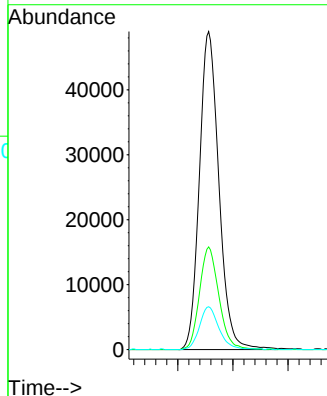
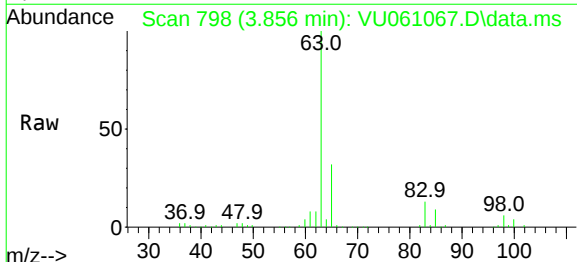
Instrument :
MSVOA_U
ClientSampleId :
PMW-3(20240927)DL

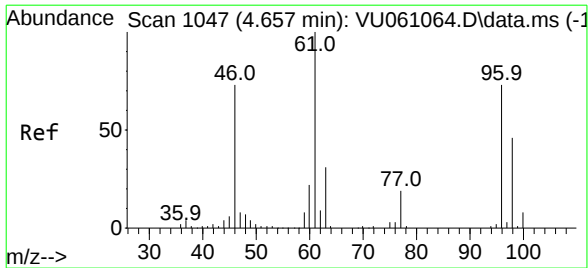
Tgt Ion:	96	Resp:	3404
Ion	Ratio	Lower	Upper
96	100		
61	141.5	97.2	180.6
98	65.3	43.3	80.5



#19
1,1-Dichloroethane
Concen: 5.244 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.003 min
Lab File: VU061067.D
Acq: 02 Oct 2024 11:36

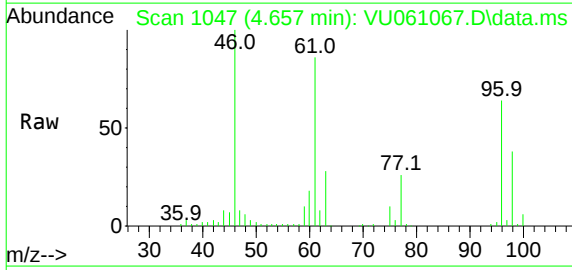
Tgt Ion:	63	Resp:	120430
Ion	Ratio	Lower	Upper
63	100		
65	32.3	23.0	42.8
83	13.5	9.0	16.6



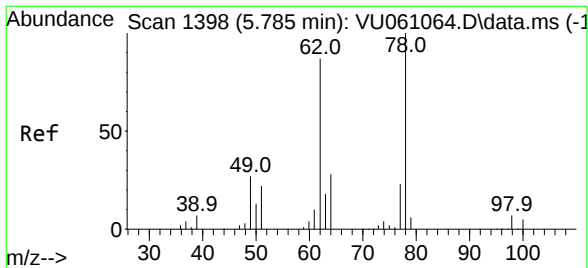
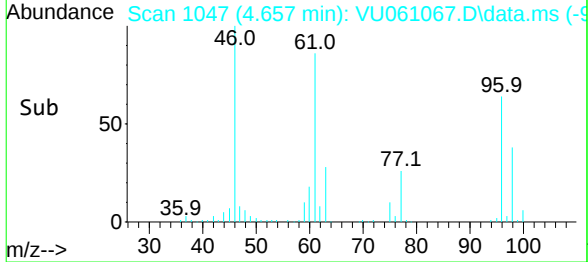
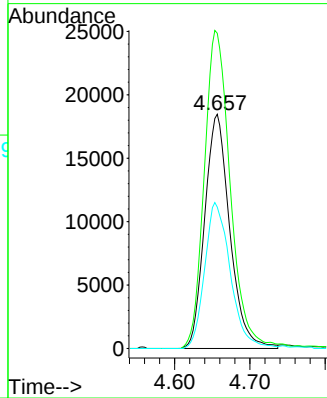


#22
 cis-1,2-Dichloroethene
 Concen: 3.260 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU061067.D
 Acq: 02 Oct 2024 11:36

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-3(20240927)DL

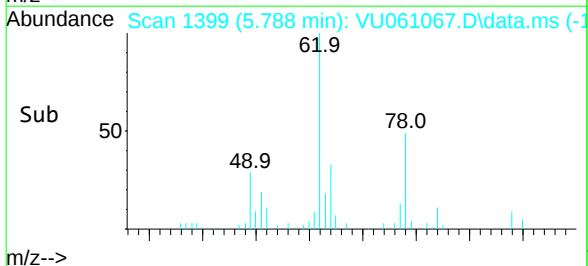
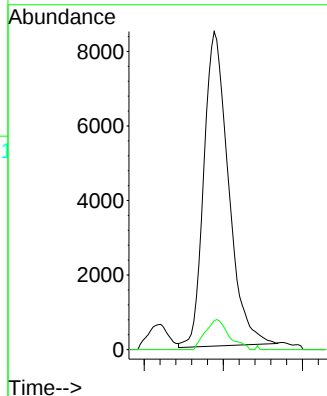
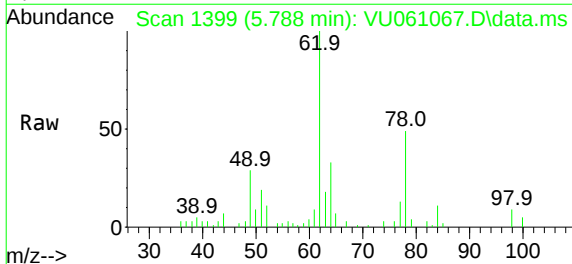


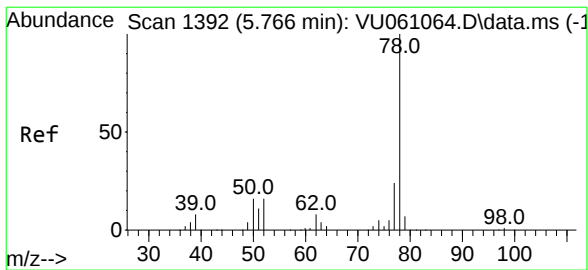
Tgt Ion: 96 Resp: 42846
 Ion Ratio Lower Upper
 96 100
 61 134.6 89.7 166.5
 98 60.3 45.1 83.9



#27
 1,2-Dichloroethane
 Concen: 1.205 ug/L
 RT: 5.788 min Scan# 1399
 Delta R.T. 0.003 min
 Lab File: VU061067.D
 Acq: 02 Oct 2024 11:36

Tgt Ion: 62 Resp: 18258
 Ion Ratio Lower Upper
 62 100
 98 9.1 8.2 12.4

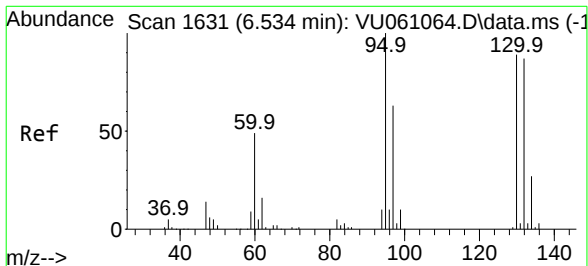
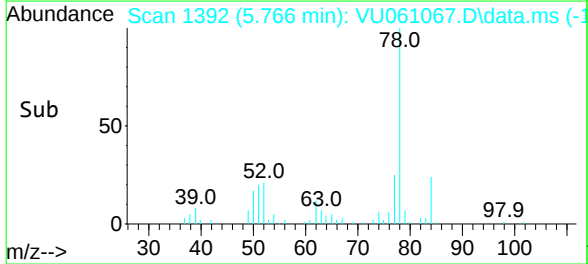
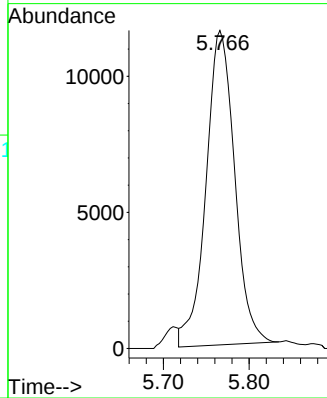
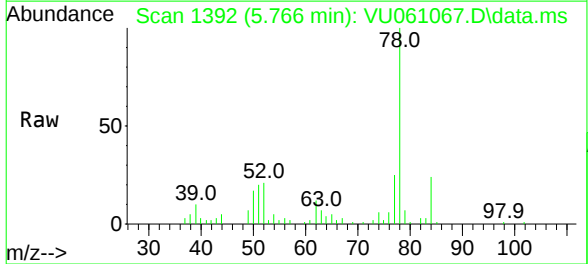




#33
Benzene
Concen: 0.517 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061067.D
Acq: 02 Oct 2024 11:36

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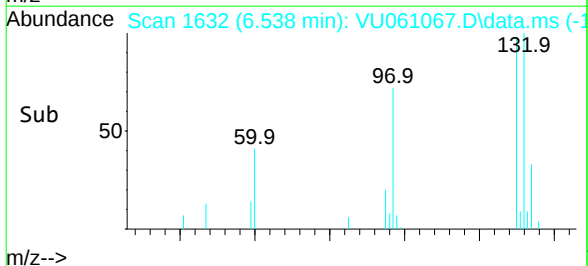
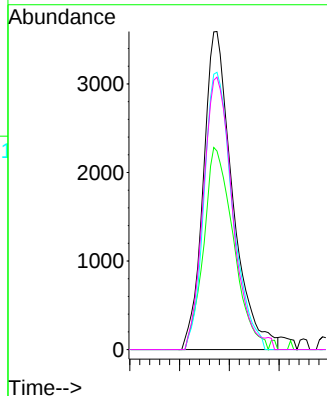
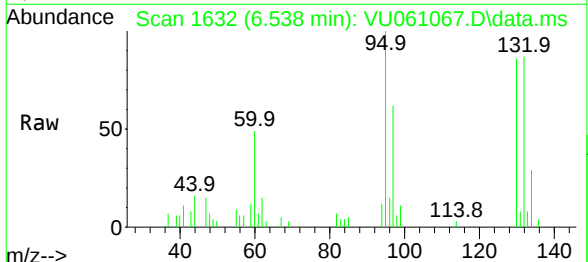
Tgt Ion: 78 Resp: 26787

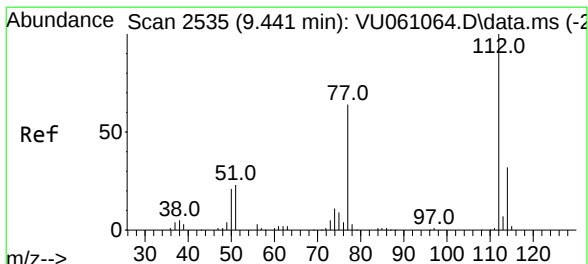


#34
Trichloroethene
Concen: 0.522 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.003 min
Lab File: VU061067.D
Acq: 02 Oct 2024 11:36

Tgt Ion: 95 Resp: 7332

Ion	Ratio	Lower	Upper
95	100		
97	62.4	44.9	83.5
132	87.2	63.5	117.9
130	85.7	70.2	130.4

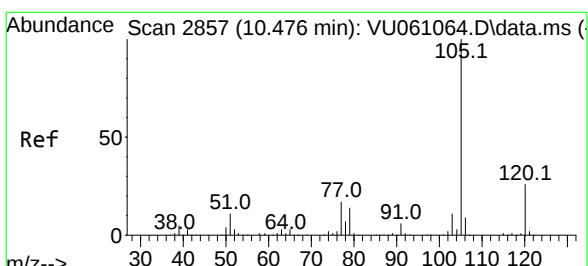
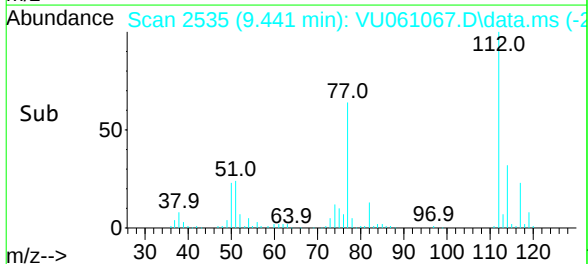
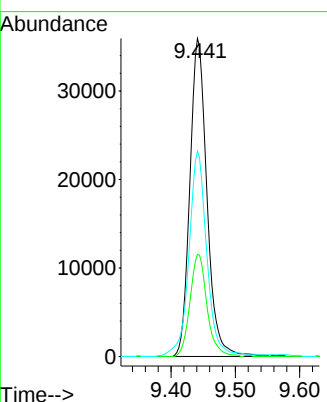
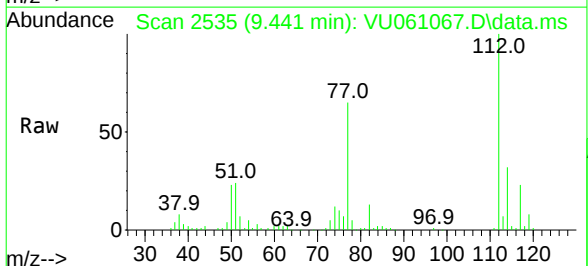




#51
 Chlorobenzene
 Concen: 1.975 ug/L
 RT: 9.441 min Scan# 2535
 Delta R.T. 0.000 min
 Lab File: VU061067.D
 Acq: 02 Oct 2024 11:36

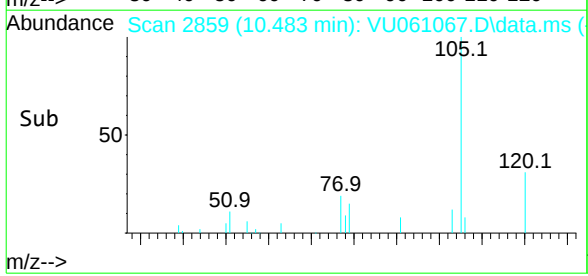
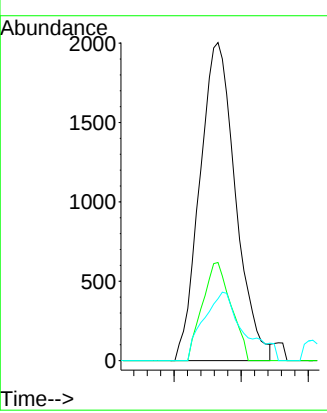
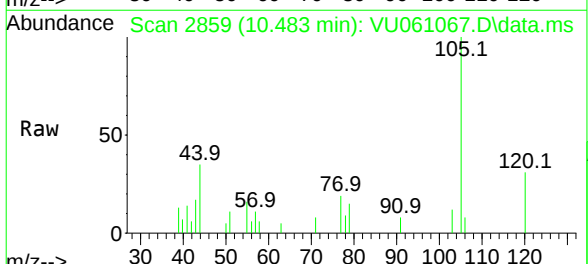
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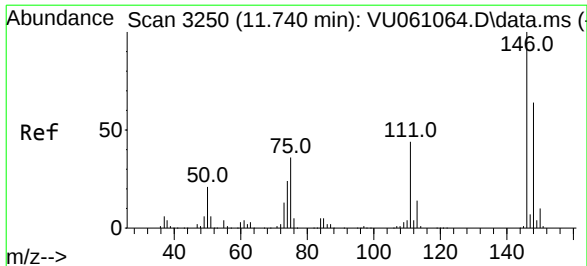
Tgt Ion:	112	Resp:	66386
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.2	41.2
77	64.6	46.1	69.1



#60
 Isopropylbenzene
 Concen: 0.066 ug/L
 RT: 10.483 min Scan# 2859
 Delta R.T. 0.006 min
 Lab File: VU061067.D
 Acq: 02 Oct 2024 11:36

Tgt Ion:	105	Resp:	3708
Ion	Ratio	Lower	Upper
105	100		
120	24.7	21.5	32.3
77	0.0	12.6	18.8





#64

1,3-Dichlorobenzene

Concen: 0.307 ug/L

RT: 11.746 min Scan# 32

Delta R.T. 0.006 min

Lab File: VU061067.D

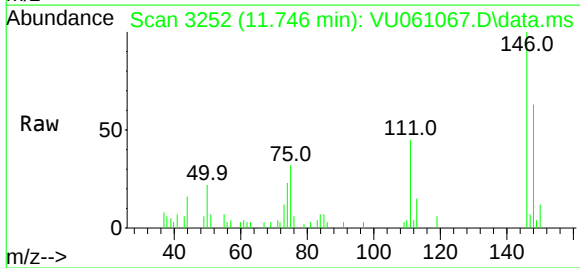
Acq: 02 Oct 2024 11:36

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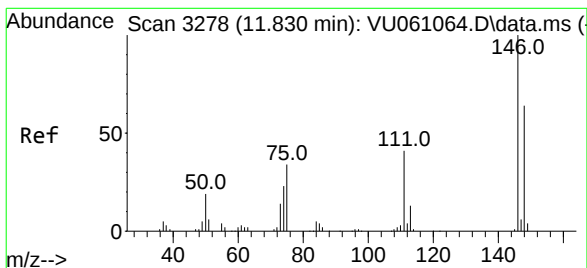
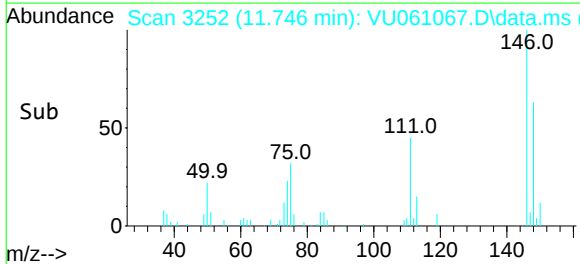
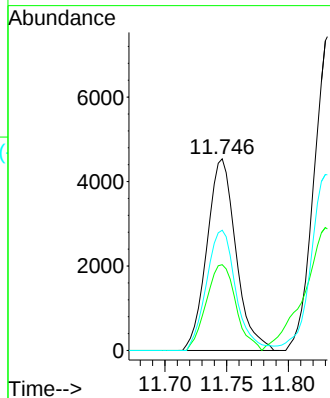
Tgt Ion:146 Resp: 7414

Ion Ratio Lower Upper

146 100

111 44.7 27.5 51.1

148 62.7 43.7 81.1



#65

1,4-Dichlorobenzene

Concen: 0.524 ug/L

RT: 11.833 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VU061067.D

Acq: 02 Oct 2024 11:36

Tgt Ion:146 Resp: 12511

Ion Ratio Lower Upper

146 100

111 37.8 26.3 48.9

148 55.2 45.3 84.1

