

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111424\
 Data File : VU061667.D
 Acq On : 14 Nov 2024 13:18
 Operator : MD/SY
 Sample : P4761-21
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A0AP0

Quant Time: Nov 15 00:45:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 15 00:40:52 2024
 Response via : Initial Calibration

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

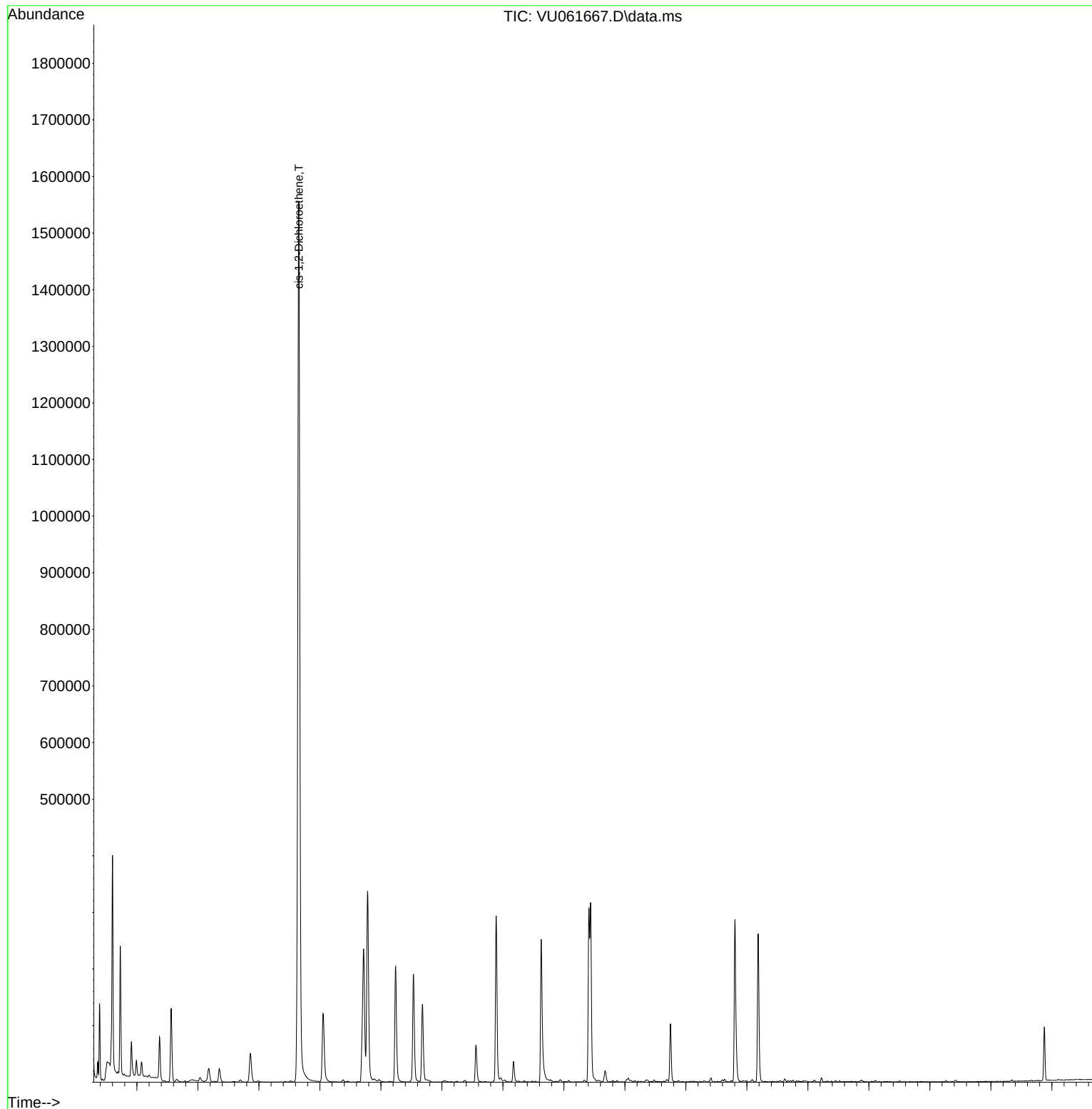
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	180114	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	170373	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	78141	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	53194	4.571	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.911	69	44660	4.495	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.560	65	23637	4.527	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.600%
20) 2-Butanone-d5	4.628	46	113514	45.956	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.920%
24) Chloroform-d	5.052	84	109025	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.692	65	52655	4.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.718	84	226098	4.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.679	67	68750	4.946	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.891	98	209451	4.768	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	8.174	79	21837	4.265	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.627	63	95382	47.139	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.280%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	52026	4.747	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	71361	5.127	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds				Qvalue		
5) Vinyl chloride	1.599	62	208412	15.551	ug/L	90
12) 1,1-Dichloroethene	2.573	96	3707	0.341	ug/L #	1
18) trans-1,2-Dichloroethene	3.351	96	7903	0.663	ug/L	93
19) 1,1-Dichloroethane	3.859	63	57594	2.649	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	831189	61.799	ug/L	99
25) Chloroform	5.081	83	5740	0.250	ug/L	97
27) 1,2-Dichloroethane	5.782	62	280039	19.473	ug/L	100
33) Benzene	5.766	78	27244	0.528	ug/L	100
34) Trichloroethene	6.534	95	65776	4.724	ug/L	99
51) Chlorobenzene	9.438	112	174734	4.890	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	13834	0.548	ug/L	97

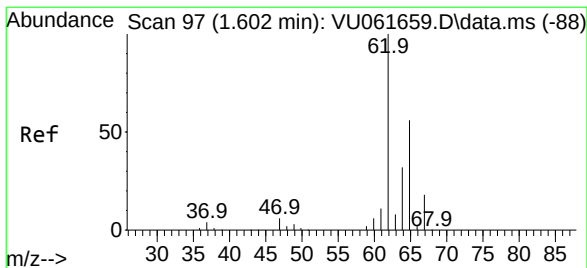
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 15.551 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.003 min

Lab File: VU061667.D

Acq: 14 Nov 2024 13:18

Instrument :

MSVOA_U

ClientSampleId :

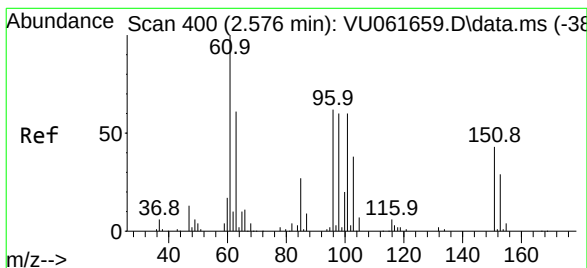
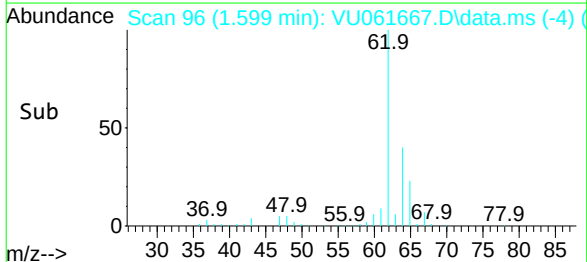
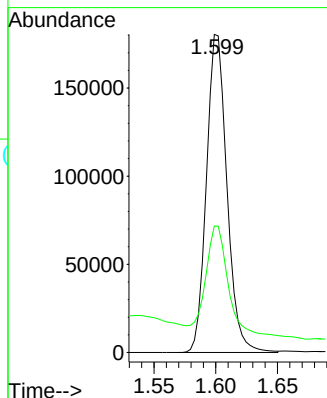
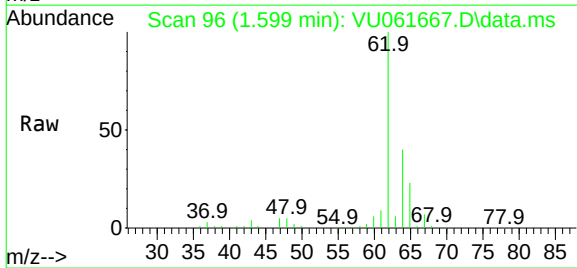
A0AP0

Tgt Ion: 62 Resp: 208412

Ion Ratio Lower Upper

62 100

64 39.7 23.7 44.1



#12

1,1-Dichloroethene

Concen: 0.341 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU061667.D

Acq: 14 Nov 2024 13:18

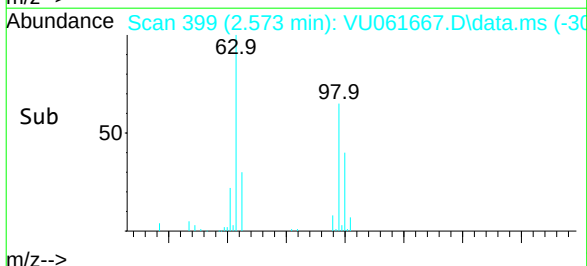
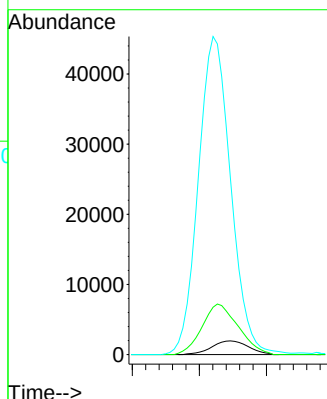
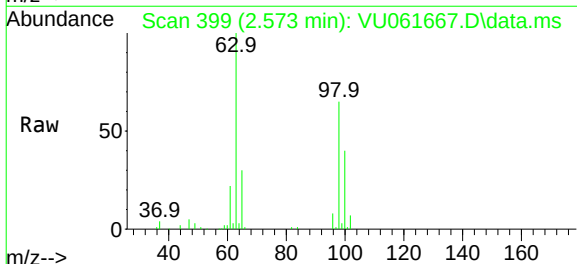
Tgt Ion: 96 Resp: 3707

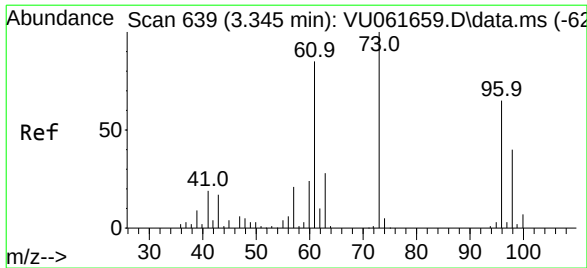
Ion Ratio Lower Upper

96 100

61 278.1 116.8 217.0#

63 1293.1 86.1 159.9#

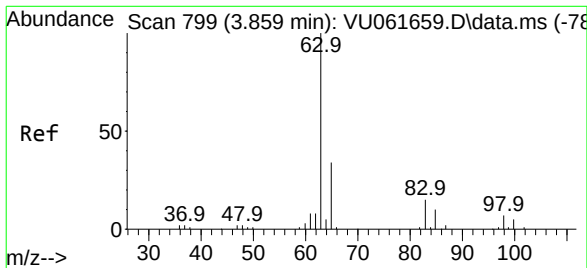
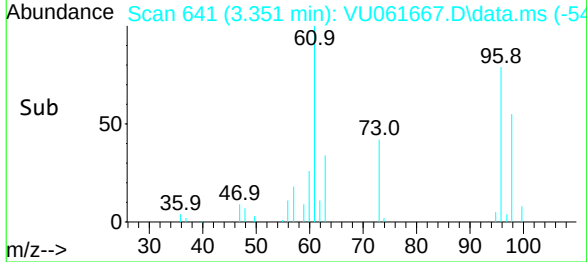
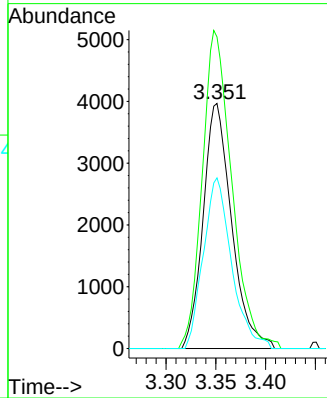
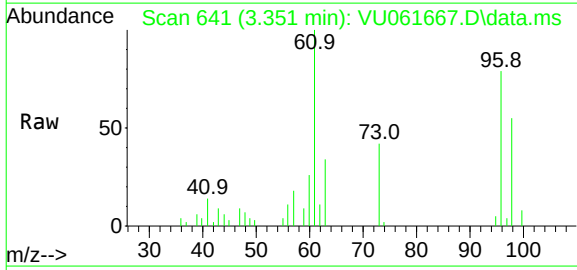




#18
trans-1,2-Dichloroethene
Concen: 0.663 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.007 min
Lab File: VU061667.D
Acq: 14 Nov 2024 13:18

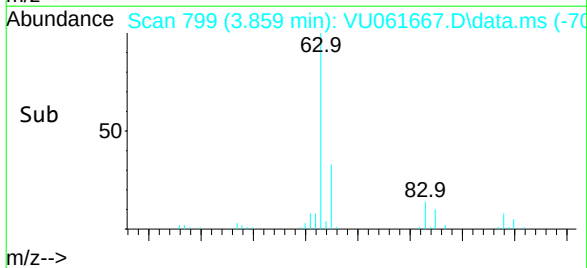
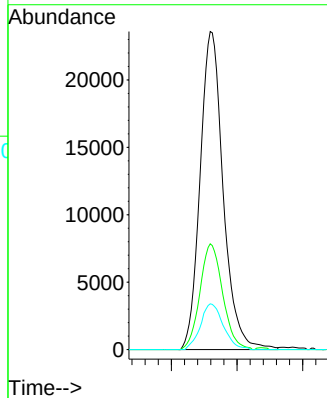
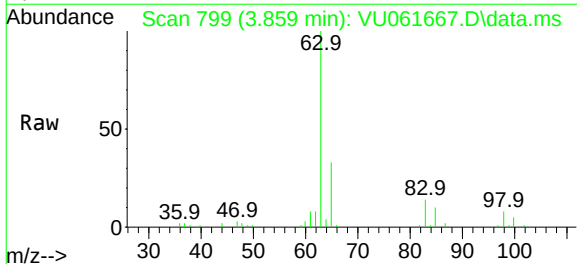
Instrument :
MSVOA_U
ClientSampleId :
A0AP0

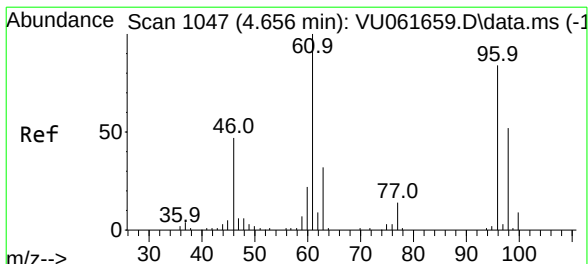
Tgt Ion:	96	Resp:	7903
Ion	Ratio	Lower	Upper
96	100		
61	127.1	94.1	174.8
98	69.6	43.2	80.2



#19
1,1-Dichloroethane
Concen: 2.649 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU061667.D
Acq: 14 Nov 2024 13:18

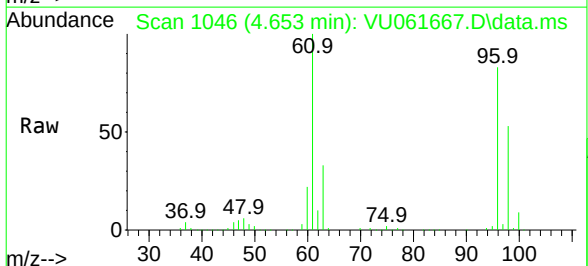
Tgt Ion:	63	Resp:	57594
Ion	Ratio	Lower	Upper
63	100		
65	33.3	23.4	43.4
83	14.4	9.6	17.8



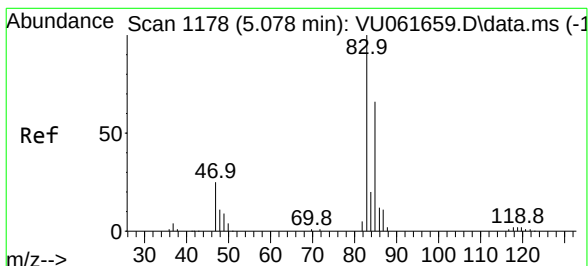
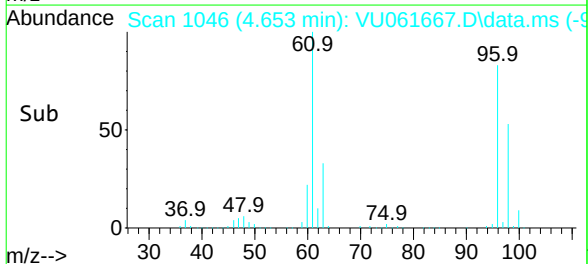
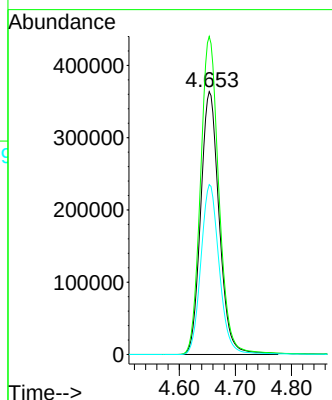


#22
 cis-1,2-Dichloroethene
 Concen: 61.799 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU061667.D
 Acq: 14 Nov 2024 13:18

Instrument :
 MSVOA_U
 ClientSampleId :
 A0AP0

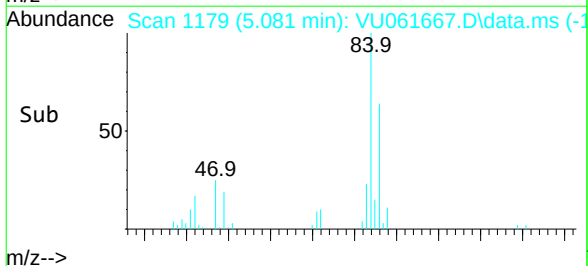
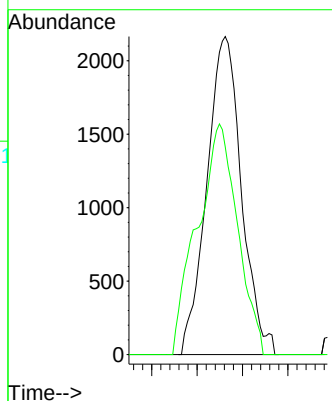
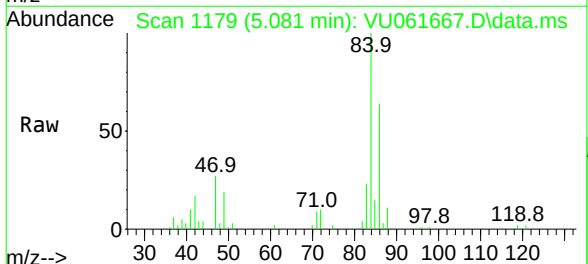


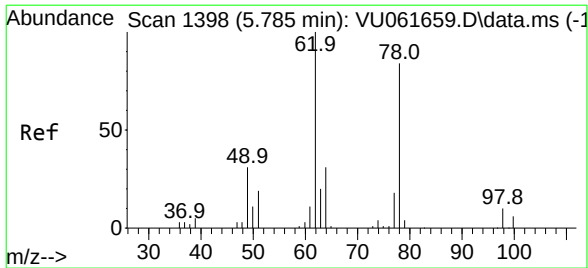
Tgt Ion:	96	Resp:	831189
Ion	Ratio	Lower	Upper
96	100		
61	121.0	85.6	159.0
98	64.6	45.6	84.8



#25
 Chloroform
 Concen: 0.250 ug/L
 RT: 5.081 min Scan# 1179
 Delta R.T. 0.003 min
 Lab File: VU061667.D
 Acq: 14 Nov 2024 13:18

Tgt Ion:	83	Resp:	5740
Ion	Ratio	Lower	Upper
83	100		
85	65.3	44.1	81.9

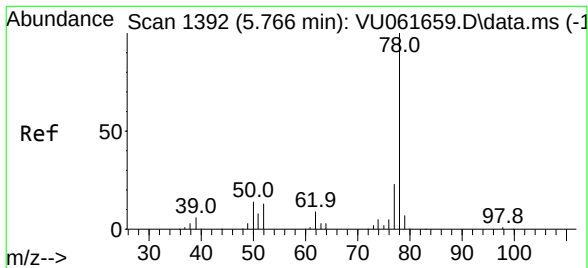
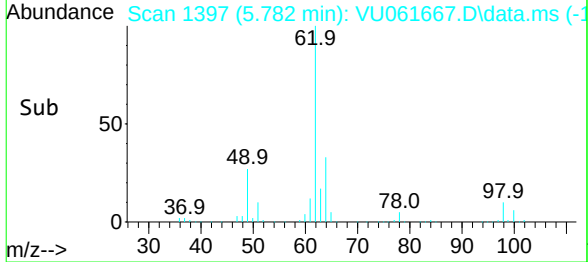
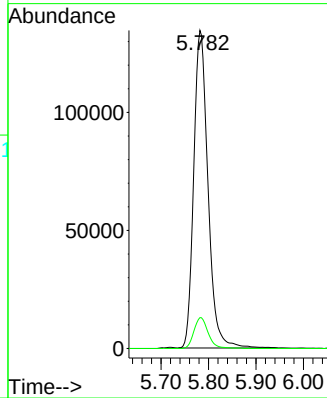
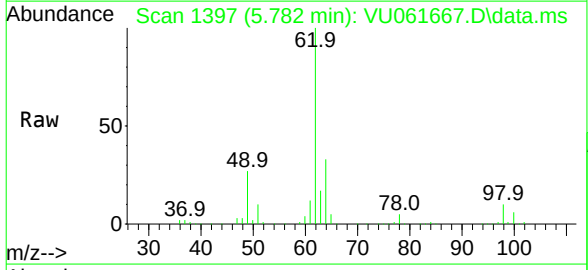




#27
1,2-Dichloroethane
Concen: 19.473 ug/L
RT: 5.782 min Scan# 1398
Delta R.T. -0.003 min
Lab File: VU061667.D
Acq: 14 Nov 2024 13:18

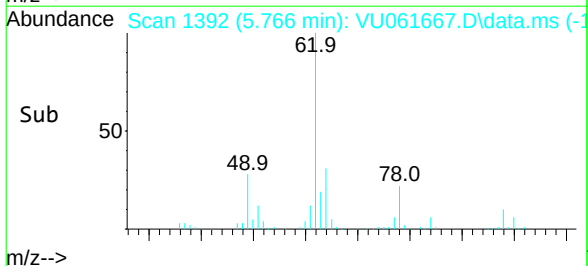
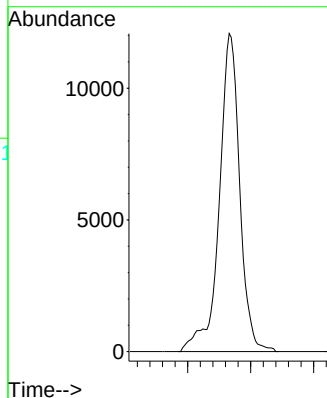
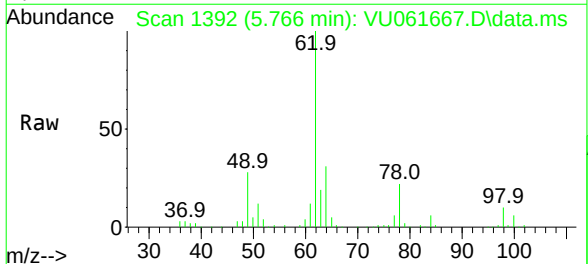
Instrument :
MSVOA_U
ClientSampleId :
A0AP0

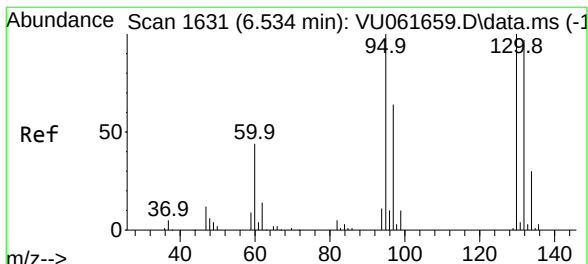
Tgt Ion: 62 Resp: 280039
Ion Ratio Lower Upper
62 100
98 9.7 7.7 11.5



#33
Benzene
Concen: 0.528 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061667.D
Acq: 14 Nov 2024 13:18

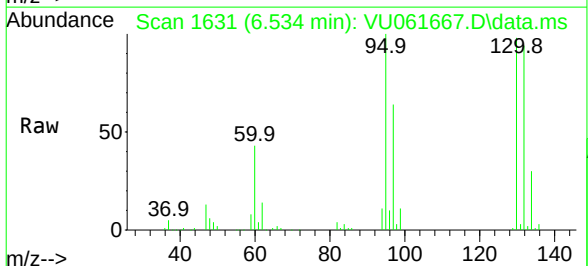
Tgt Ion: 78 Resp: 27244



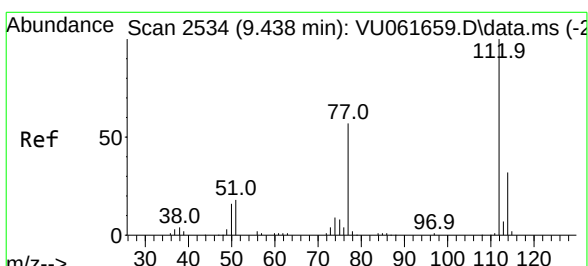
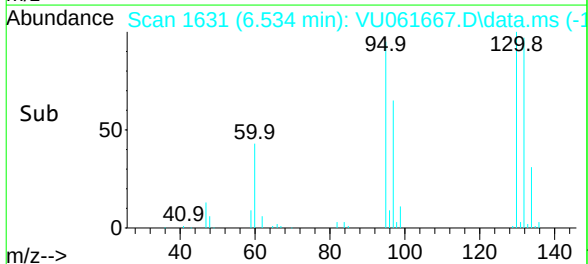
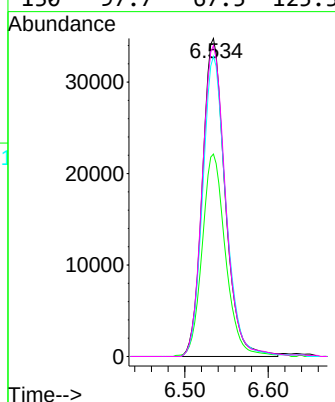


#34
 Trichloroethene
 Concen: 4.724 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.000 min
 Lab File: VU061667.D
 Acq: 14 Nov 2024 13:18

Instrument :
 MSVOA_U
 ClientSampleId :
 A0AP0

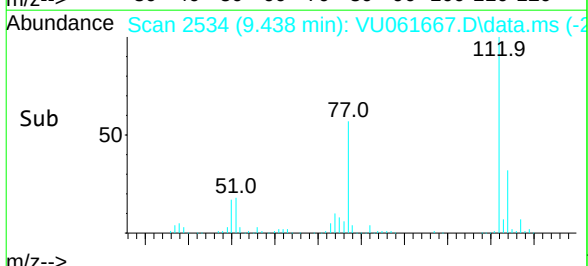
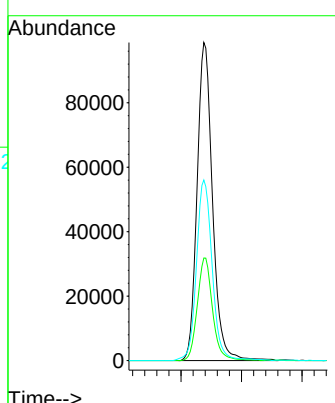
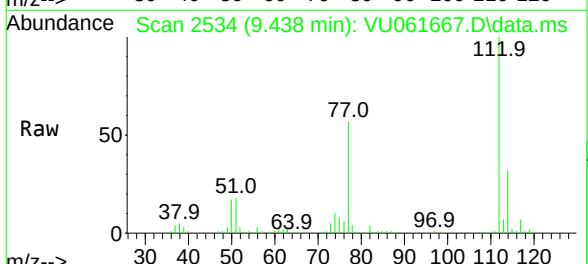


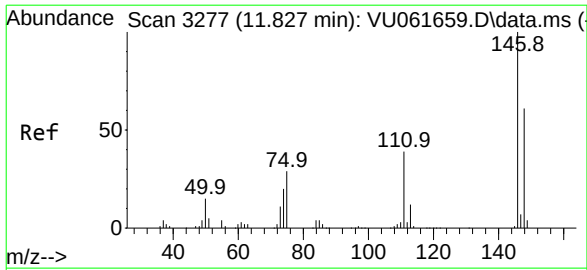
Tgt Ion:	95	Resp:	65776
Ion	Ratio	Lower	Upper
95	100		
97	63.7	43.5	80.9
132	94.4	65.2	121.0
130	97.7	67.5	125.3



#51
 Chlorobenzene
 Concen: 4.890 ug/L
 RT: 9.438 min Scan# 2534
 Delta R.T. 0.000 min
 Lab File: VU061667.D
 Acq: 14 Nov 2024 13:18

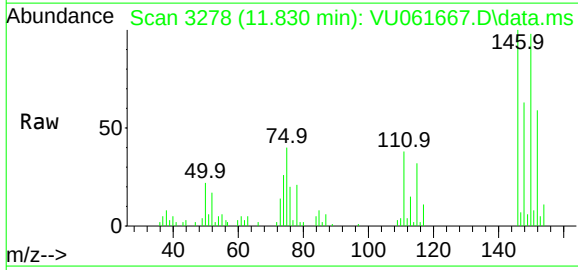
Tgt Ion:	112	Resp:	174734
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.5	41.9
77	56.8	45.3	67.9





#65
1,4-Dichlorobenzene
Concen: 0.548 ug/L
RT: 11.830 min Scan# 32
Delta R.T. 0.003 min
Lab File: VU061667.D
Acq: 14 Nov 2024 13:18

Instrument :
MSVOA_U
ClientSampleId :
A0AP0



Tgt Ion:	146	Resp:	13834
Ion	Ratio	Lower	Upper
146	100		
111	37.5	28.8	53.4
148	62.9	44.7	83.1

