

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
 Data File : VU061761.D
 Acq On : 16 Nov 2024 22:56
 Operator : MD/SY
 Sample : P4803-06
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A0AQ1

Quant Time: Nov 18 04:20:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 18 04:15:29 2024
 Response via : Initial Calibration

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

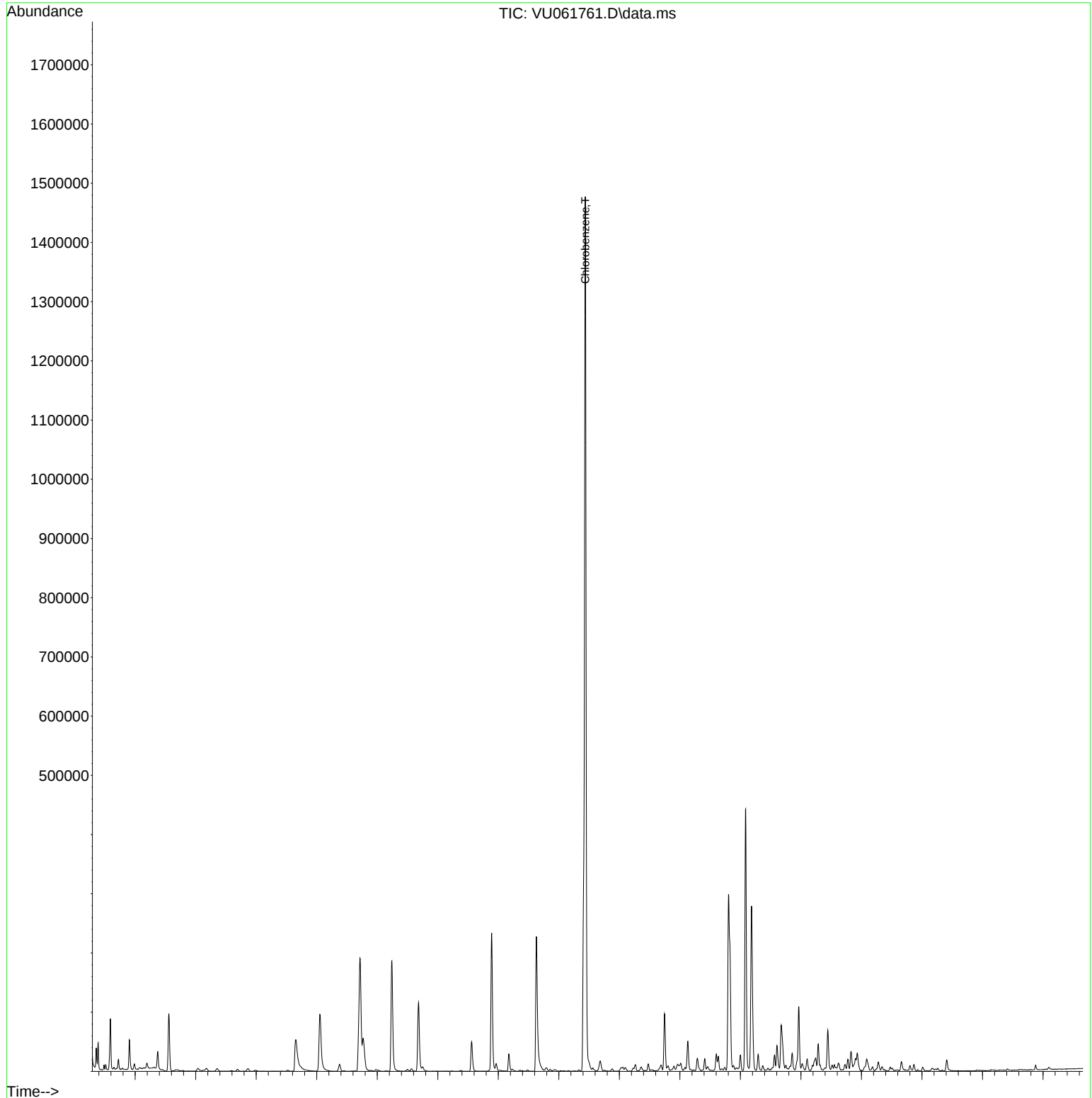
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	166180	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	157706	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	75602	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	40974	3.816	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.400%
7) Chloroethane-d5	1.904	69	35610	3.885	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.557	65	18426	3.825	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	4.650	46	96921	42.528	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.060%
24) Chloroform-d	5.052	84	89089	4.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
26) 1,2-Dichloroethane-d4	5.695	65	45880	4.480	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.718	84	185667	4.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.682	67	57413	4.462	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.200%
41) Toluene-d8	7.891	98	163882	4.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	8.174	79	17606	3.714	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.200%
46) 2-Hexanone-d5	8.627	63	81613	43.574	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.140%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	46186	4.553	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	63176	4.692	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds					Qvalue	
3) Chloromethane	1.512	50	5541	0.495	ug/L	100
19) 1,1-Dichloroethane	3.859	63	6150	0.307	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	2708	0.218	ug/L	96
27) 1,2-Dichloroethane	5.788	62	15410	1.161	ug/L	100
33) Benzene	5.769	78	51323	1.075	ug/L	100
42) Toluene	7.965	91	10140	0.197	ug/L	94
51) Chlorobenzene	9.438	112	827672	25.021	ug/L	100
65) 1,4-Dichlorobenzene	11.830	146	76408	3.130	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	16517	0.739	ug/L	98

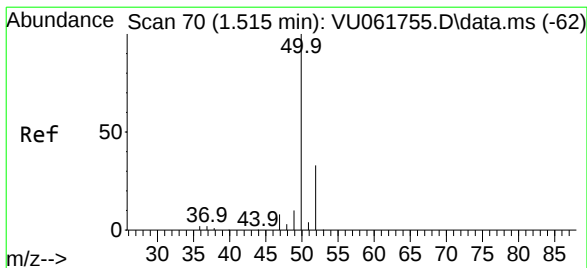
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111624\
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Misc : 25mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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A0AQ1

Quant Time: Nov 18 04:20:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 18 04:15:29 2024
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.495 ug/L

RT: 1.512 min Scan# 69

Delta R.T. -0.003 min

Lab File: VU061761.D

Acq: 16 Nov 2024 22:56

Instrument :

MSVOA_U

ClientSampleId :

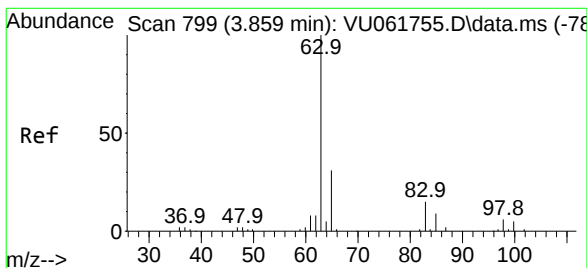
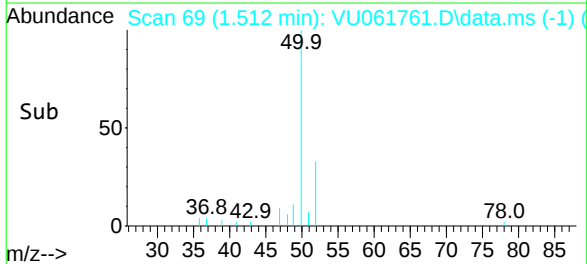
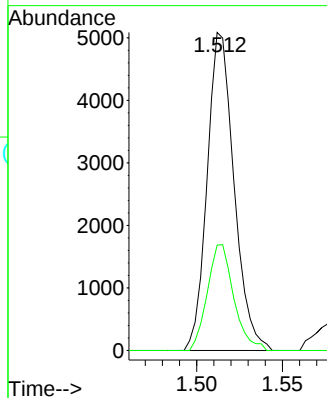
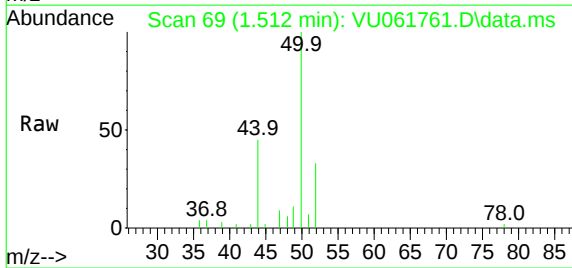
A0AQ1

Tgt Ion: 50 Resp: 5541

Ion Ratio Lower Upper

50 100

52 33.1 23.2 43.2



#19

1,1-Dichloroethane

Concen: 0.307 ug/L

RT: 3.859 min Scan# 799

Delta R.T. 0.000 min

Lab File: VU061761.D

Acq: 16 Nov 2024 22:56

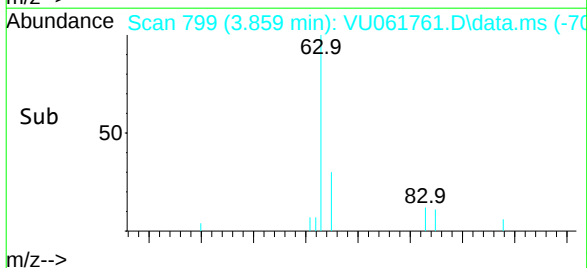
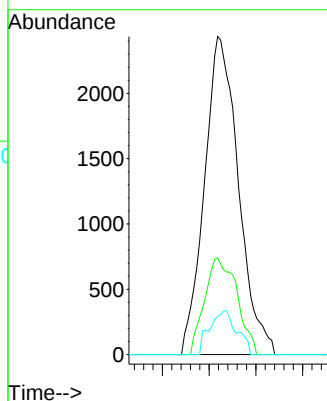
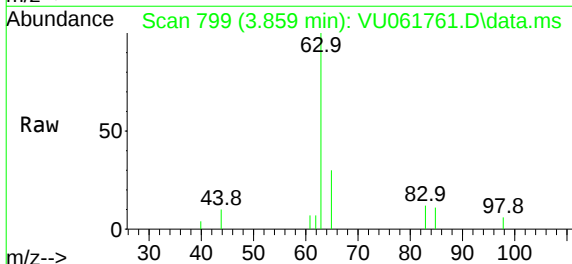
Tgt Ion: 63 Resp: 6150

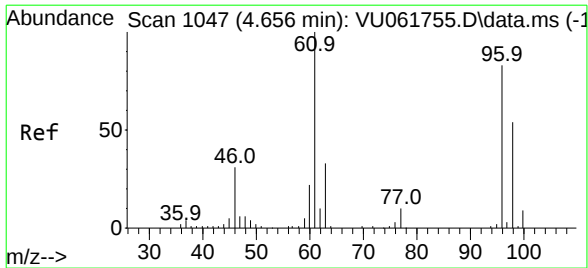
Ion Ratio Lower Upper

63 100

65 30.4 23.4 43.4

83 12.0 9.6 17.8

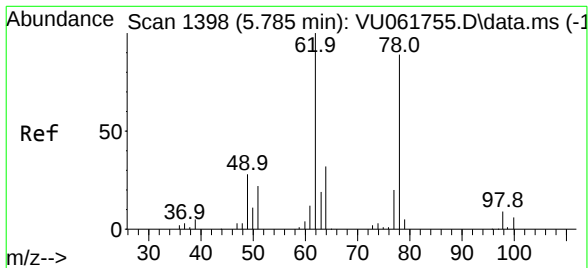
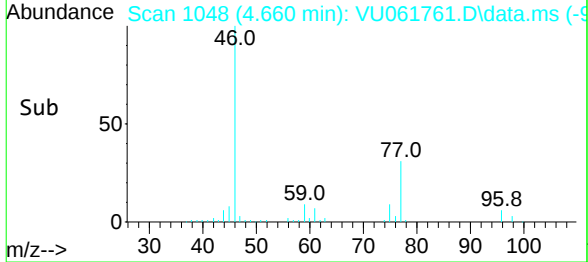
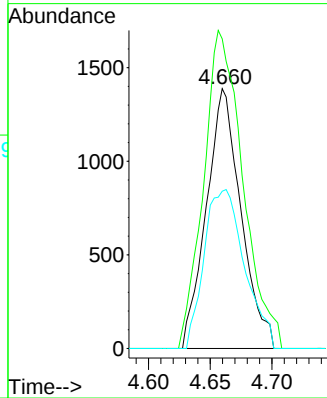
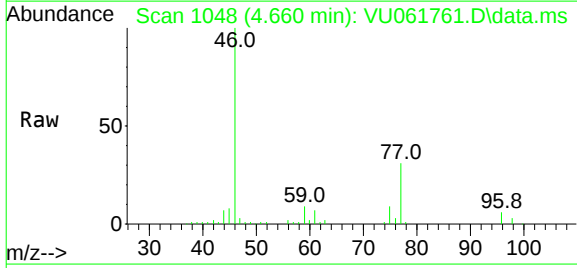




#22
 cis-1,2-Dichloroethene
 Concen: 0.218 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU061761.D
 Acq: 16 Nov 2024 22:56

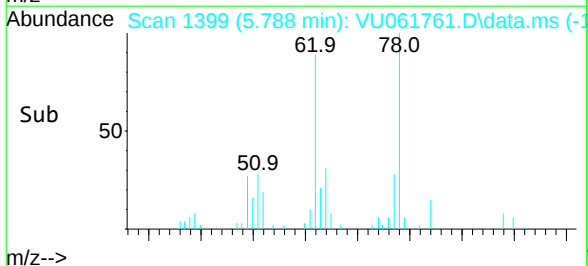
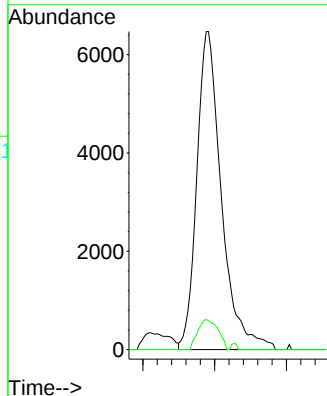
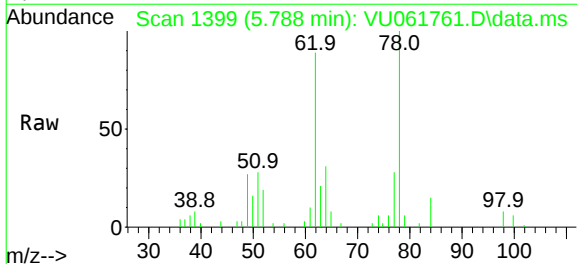
Instrument :
 MSVOA_U
 ClientSampleId :
 A0AQ1

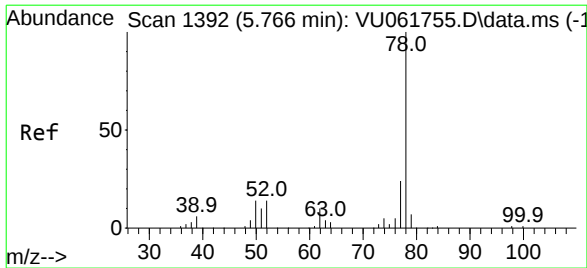
Tgt Ion:	96	Resp:	2708
Ion	Ratio	Lower	Upper
96	100		
61	119.2	85.6	159.0
98	60.5	45.6	84.8



#27
 1,2-Dichloroethane
 Concen: 1.161 ug/L
 RT: 5.788 min Scan# 1399
 Delta R.T. 0.003 min
 Lab File: VU061761.D
 Acq: 16 Nov 2024 22:56

Tgt Ion:	62	Resp:	15410
Ion	Ratio	Lower	Upper
62	100		
98	9.5	7.7	11.5

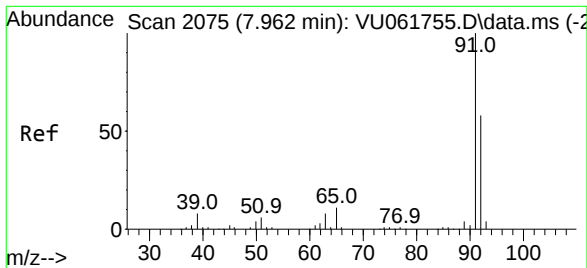
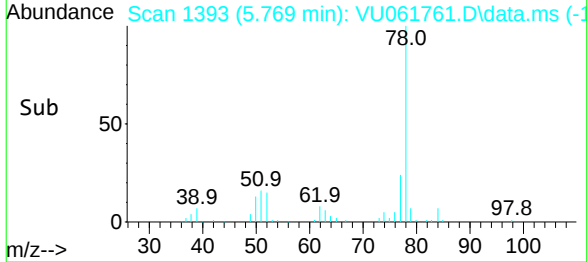
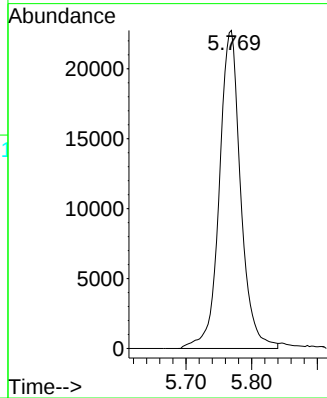
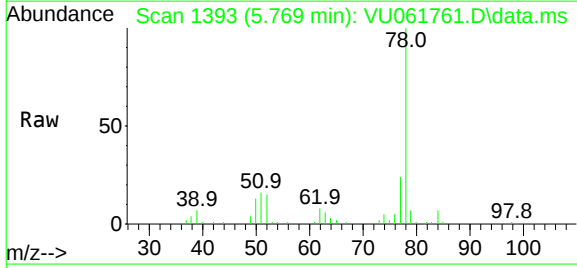




#33
Benzene
Concen: 1.075 ug/L
RT: 5.769 min Scan# 13
Delta R.T. 0.003 min
Lab File: VU061761.D
Acq: 16 Nov 2024 22:56

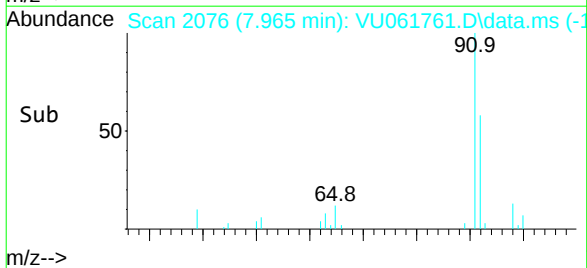
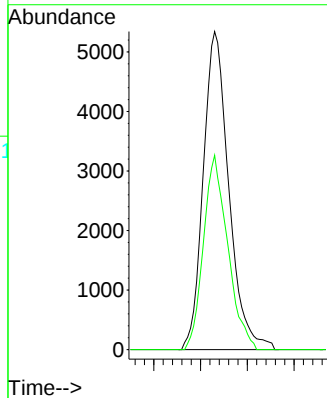
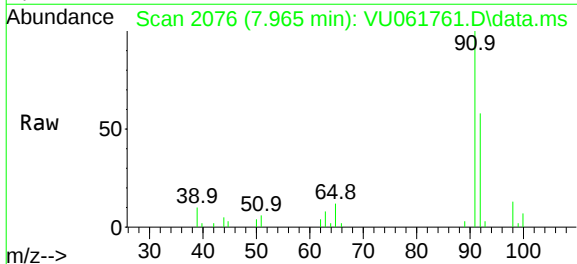
Instrument :
MSVOA_U
ClientSampleId :
A0AQ1

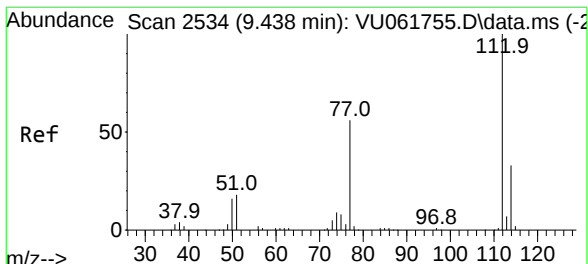
Tgt Ion: 78 Resp: 51323



#42
Toluene
Concen: 0.197 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU061761.D
Acq: 16 Nov 2024 22:56

Tgt Ion: 91 Resp: 10140
Ion Ratio Lower Upper
91 100
92 61.1 39.7 73.7

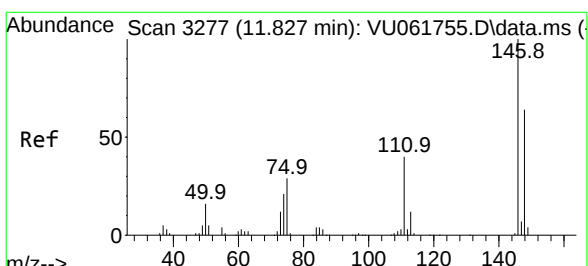
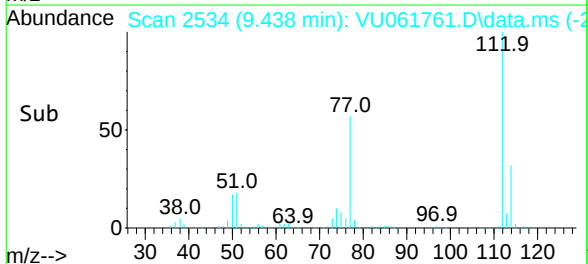
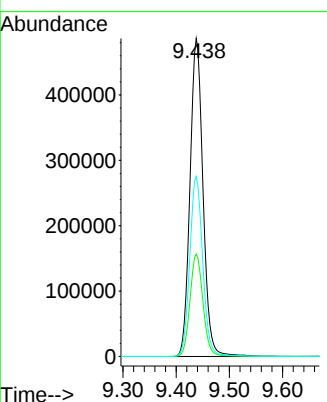
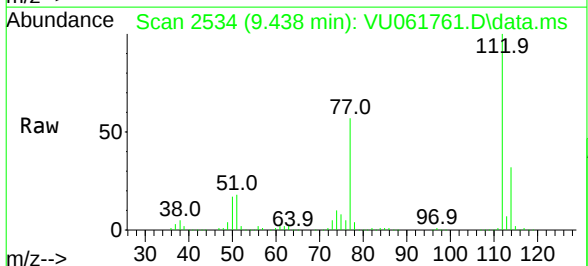




#51
 Chlorobenzene
 Concen: 25.021 ug/L
 RT: 9.438 min Scan# 2534
 Delta R.T. 0.000 min
 Lab File: VU061761.D
 Acq: 16 Nov 2024 22:56

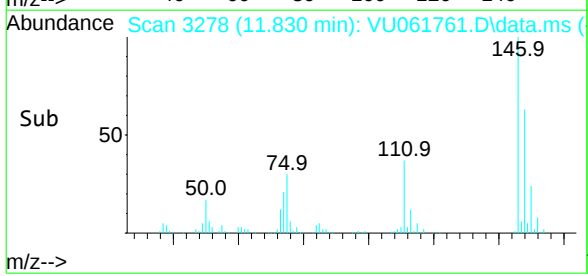
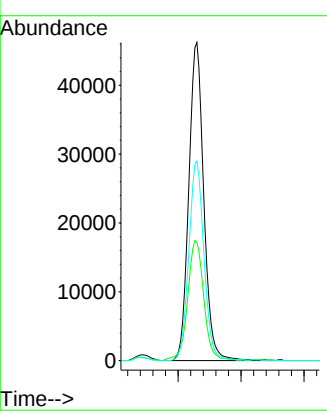
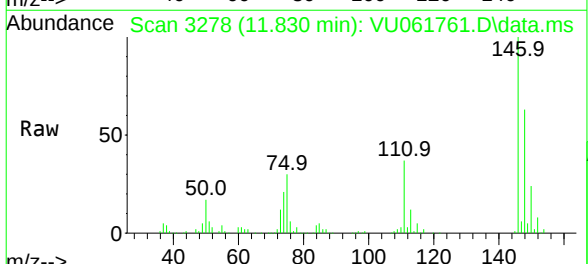
Instrument : MSVOA_U
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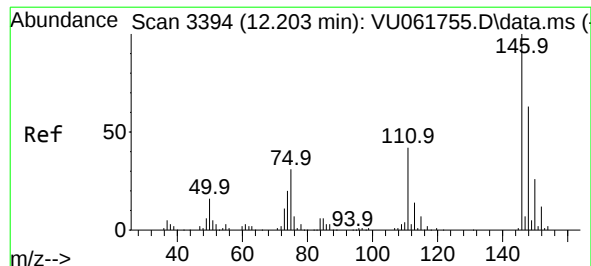
Tgt Ion:	112	Resp:	827672
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.5	41.9
77	56.7	45.3	67.9



#65
 1,4-Dichlorobenzene
 Concen: 3.130 ug/L
 RT: 11.830 min Scan# 3278
 Delta R.T. 0.003 min
 Lab File: VU061761.D
 Acq: 16 Nov 2024 22:56

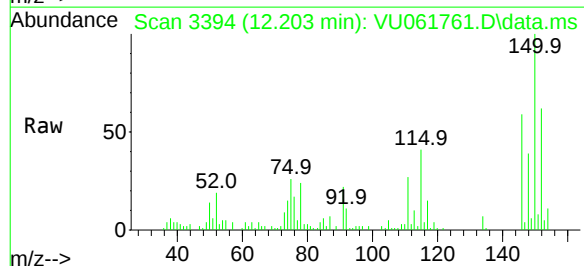
Tgt Ion:	146	Resp:	76408
Ion	Ratio	Lower	Upper
146	100		
111	37.3	28.8	53.4
148	62.6	44.7	83.1





#67
 1,2-Dichlorobenzene
 Concen: 0.739 ug/L
 RT: 12.203 min Scan# 33
 Delta R.T. 0.000 min
 Lab File: VU061761.D
 Acq: 16 Nov 2024 22:56

Instrument :
 MSVOA_U
 ClientSampleId :
 A0AQ1



Tgt Ion:	146	Resp:	16517
Ion	Ratio	Lower	Upper
146	100		
111	46.5	35.2	52.8
148	66.7	52.6	79.0

