

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061892.D
 Acq On : 21 Nov 2024 03:13
 Operator : MD/SY
 Sample : P4885-13
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3Q9

Quant Time: Nov 21 03:32:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 03:29:06 2024
 Response via : Initial Calibration

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

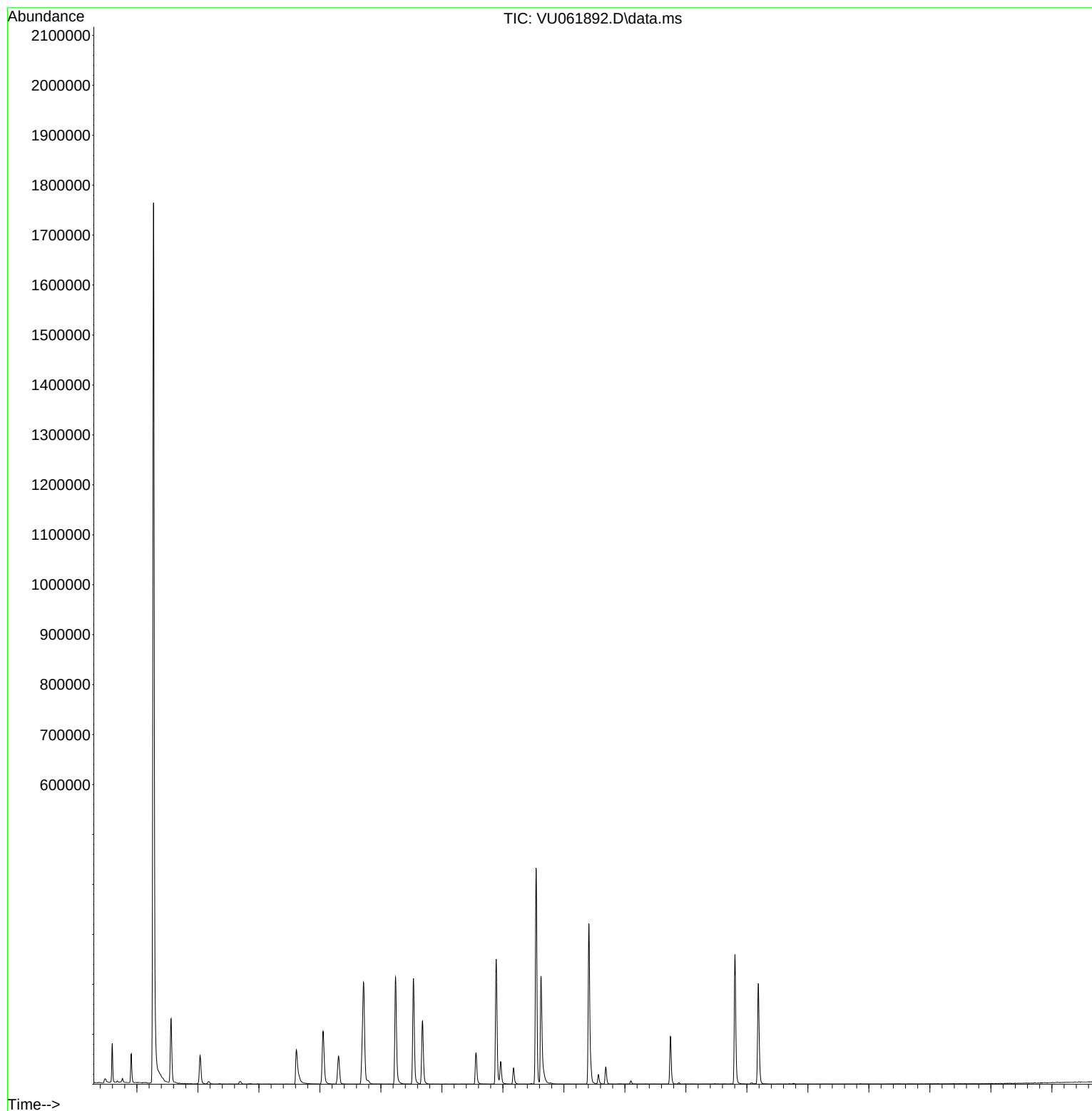
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	178844	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	184301	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	70269	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	53224	6.067	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 121.400%	
7) Chloroethane-d5	1.907	69	42055	5.419	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 108.400%	
11) 1,1-Dichloroethene-d2	2.557	65	23305	6.649	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 133.000%#	
20) 2-Butanone-d5	4.615	46	105698	38.369	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 76.740%	
24) Chloroform-d	5.052	84	97956	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 91.600%	
26) 1,2-Dichloroethane-d4	5.692	65	52457	4.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 95.200%	
32) Benzene-d6	5.718	84	195728	5.451	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 109.000%	
36) 1,2-Dichloropropane-d6	6.682	67	61376	5.030	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 100.600%	
41) Toluene-d8	7.891	98	177567	5.929	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 118.600%	
43) trans-1,3-Dichloroprop...	8.174	79	20752	4.594	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 91.800%	
46) 2-Hexanone-d5	8.624	63	77063	37.378	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 74.760%	
56) 1,1,2,2-Tetrachloroeth...	10.746	84	49778	4.083	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 81.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	51653	4.971	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 99.400%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	5990	0.464	ug/L	93
16) Methylene chloride	3.036	84	28617	1.987	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	2993	0.210	ug/L	98
27) 1,2-Dichloroethane	5.792	62	4060	0.244	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	42646	2.008	ug/L	97
34) Trichloroethene	6.534	95	74948	5.045	ug/L	99
42) Toluene	7.962	91	34895	0.597	ug/L	96
47) Tetrachloroethene	8.544	164	97022	8.980	ug/L	96
51) Chlorobenzene	9.438	112	16296	0.407	ug/L	99
52) Ethylbenzene	9.566	91	14528	0.208	ug/L	97
53) m,p-Xylene	9.685	106	10388	0.421	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	9033	0.427	ug/L	98

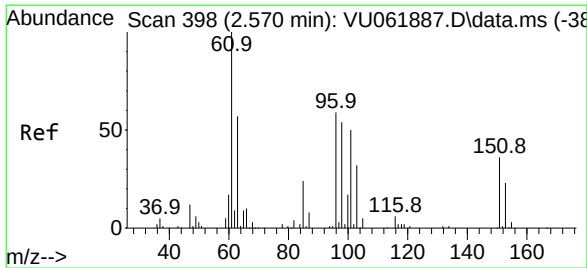
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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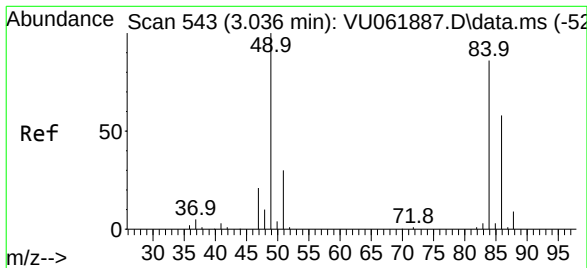
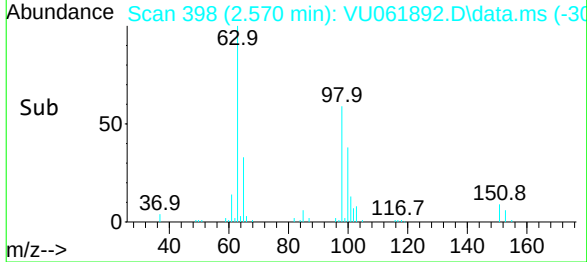
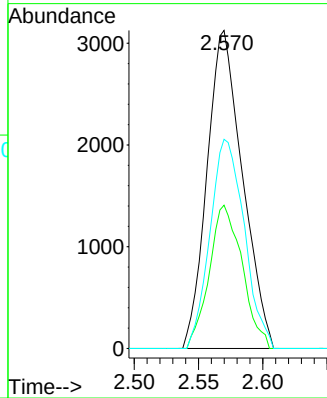
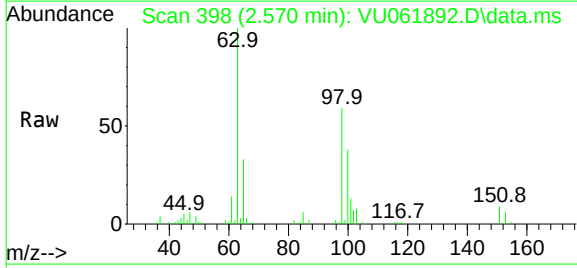




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.464 ug/L
RT: 2.570 min Scan# 39
Delta R.T. 0.000 min
Lab File: VU061892.D
Acq: 21 Nov 2024 03:13

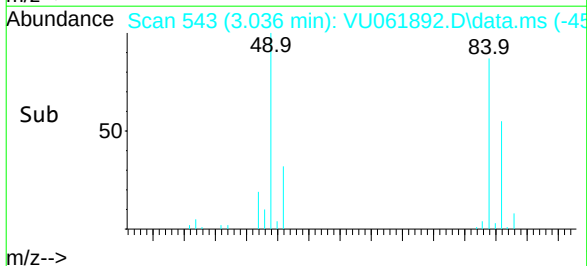
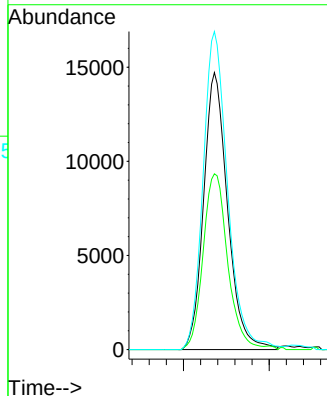
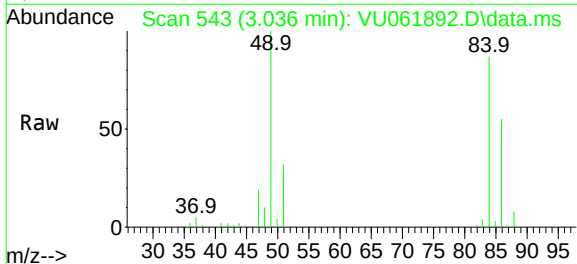
Instrument :
MSVOA_U
ClientSampleId :
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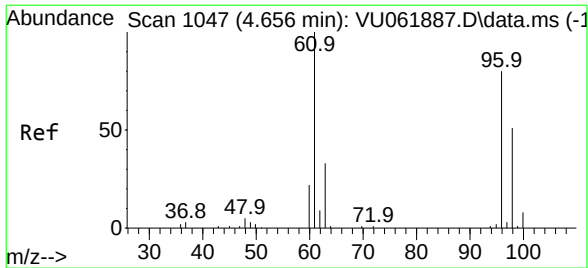
Tgt Ion:	101	Resp:	5990
Ion	Ratio	Lower	Upper
101	100		
85	41.9	38.0	57.0
151	63.7	55.3	82.9



#16
Methylene chloride
Concen: 1.987 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU061892.D
Acq: 21 Nov 2024 03:13

Tgt Ion:	84	Resp:	28617
Ion	Ratio	Lower	Upper
84	100		
86	63.5	43.5	80.7
49	114.8	81.9	152.1

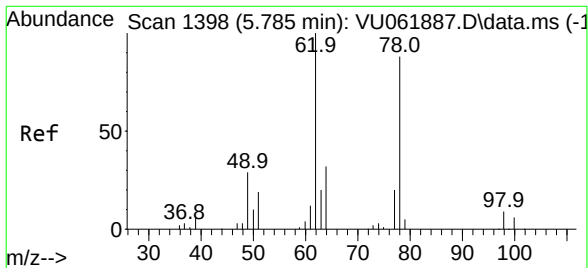
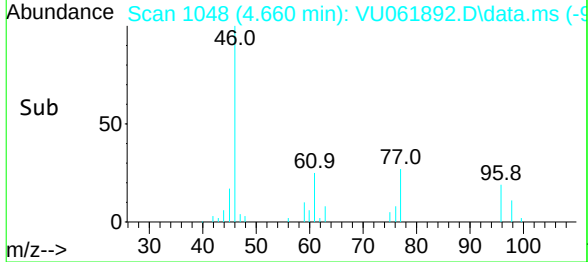
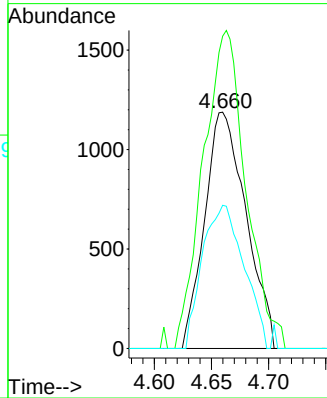
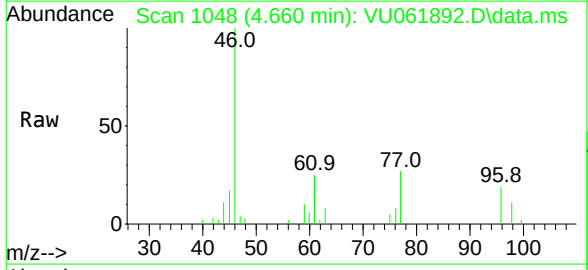




#22
cis-1,2-Dichloroethene
Concen: 0.210 ug/L
RT: 4.660 min Scan# 1047
Delta R.T. 0.003 min
Lab File: VU061892.D
Acq: 21 Nov 2024 03:13

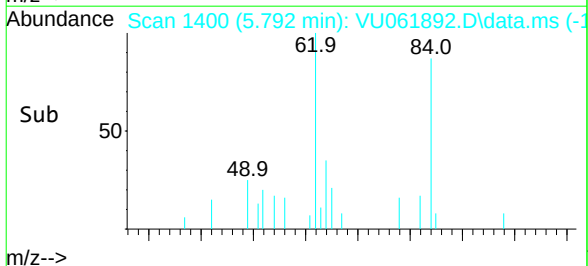
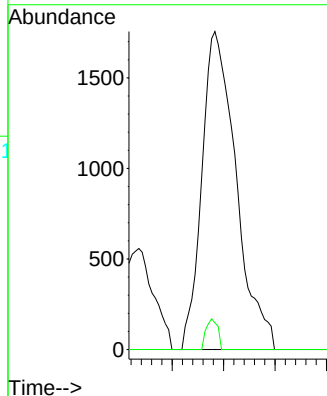
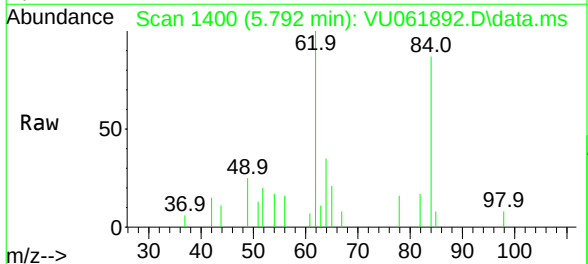
Instrument :
MSVOA_U
ClientSampleId :
BG3Q9

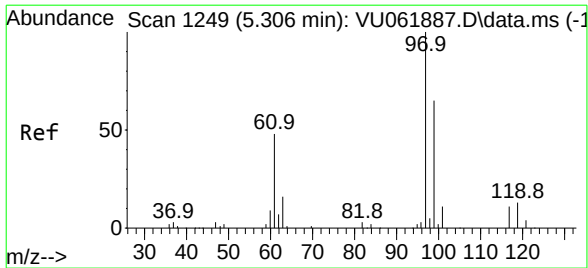
Tgt Ion:	96	Resp:	2993
Ion	Ratio	Lower	Upper
96	100		
61	132.2	92.0	170.8
98	60.6	44.5	82.7



#27
1,2-Dichloroethane
Concen: 0.244 ug/L
RT: 5.792 min Scan# 1400
Delta R.T. 0.007 min
Lab File: VU061892.D
Acq: 21 Nov 2024 03:13

Tgt Ion:	62	Resp:	4060
Ion	Ratio	Lower	Upper
62	100		
98	8.4	7.4	11.0

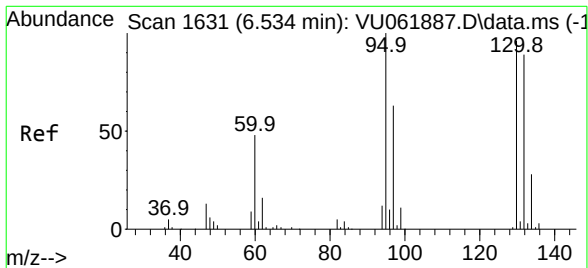
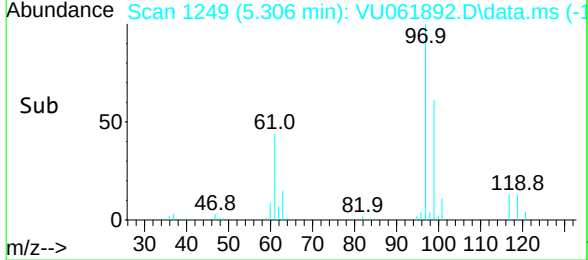
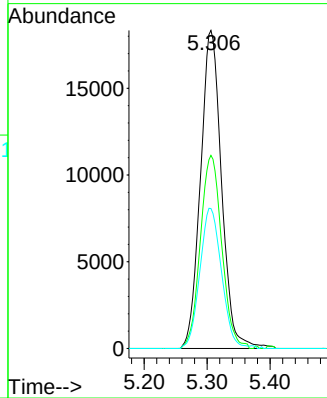
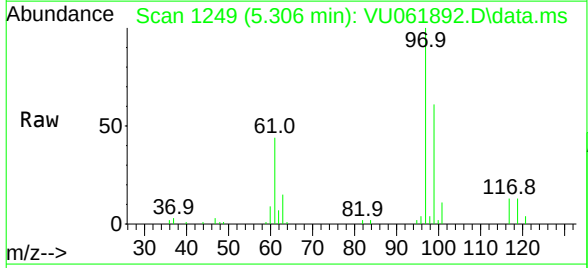




#29
1,1,1-Trichloroethane
Concen: 2.008 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061892.D
Acq: 21 Nov 2024 03:13

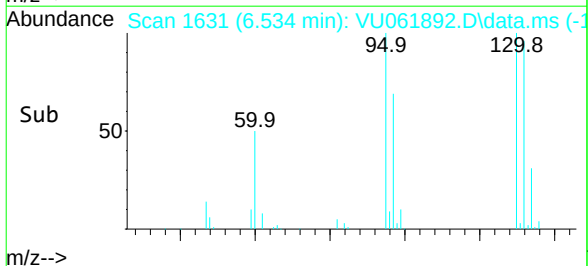
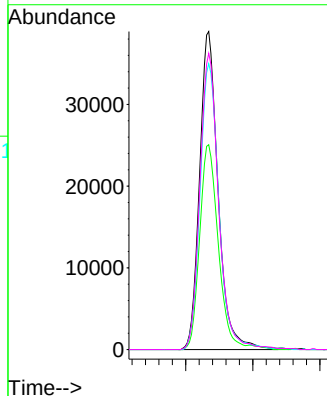
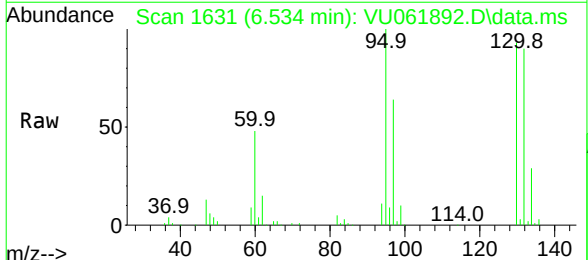
Instrument :
MSVOA_U
ClientSampleId :
BG3Q9

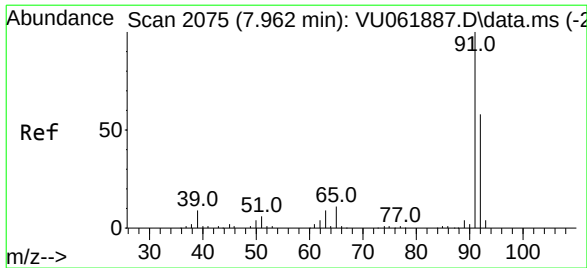
Tgt Ion:	97	Resp:	42646
Ion	Ratio	Lower	Upper
97	100		
99	61.6	51.4	77.2
61	45.2	37.8	56.6



#34
Trichloroethene
Concen: 5.045 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061892.D
Acq: 21 Nov 2024 03:13

Tgt Ion:	95	Resp:	74948
Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.9	85.3
132	89.9	63.8	118.4
130	93.2	65.5	121.7





#42

Toluene

Concen: 0.597 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU061892.D

Acq: 21 Nov 2024 03:13

Instrument :

MSVOA_U

ClientSampleId :

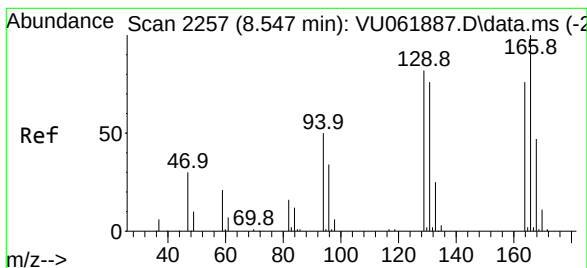
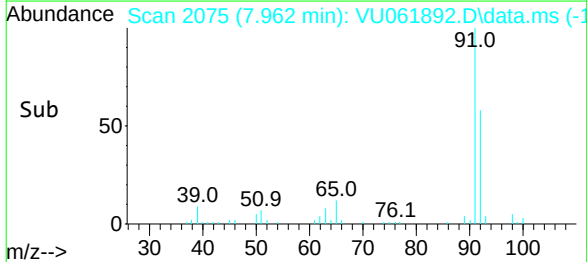
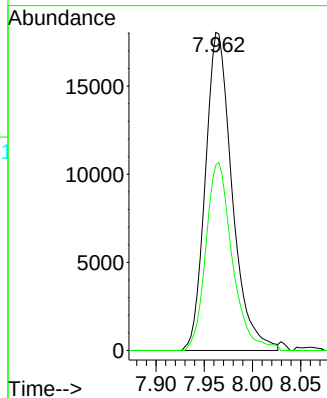
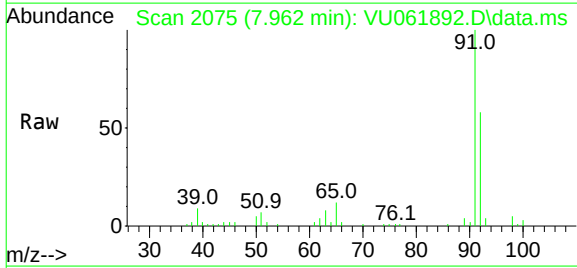
BG3Q9

Tgt Ion: 91 Resp: 34895

Ion Ratio Lower Upper

91 100

92 58.3 39.0 72.4



#47

Tetrachloroethene

Concen: 8.980 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.003 min

Lab File: VU061892.D

Acq: 21 Nov 2024 03:13

Tgt Ion: 164 Resp: 97022

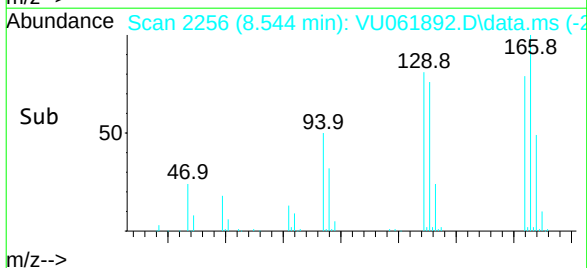
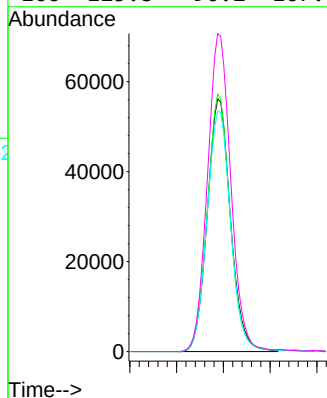
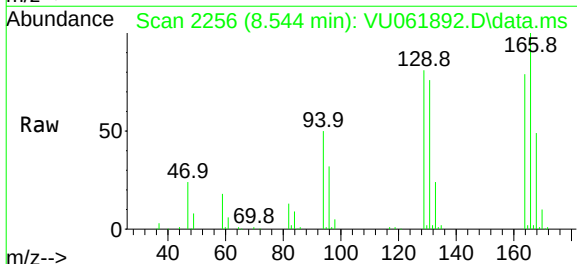
Ion Ratio Lower Upper

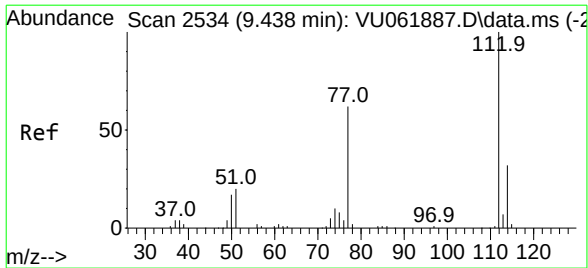
164 100

129 101.9 73.2 136.0

131 95.1 72.3 134.3

166 125.8 90.2 167.4

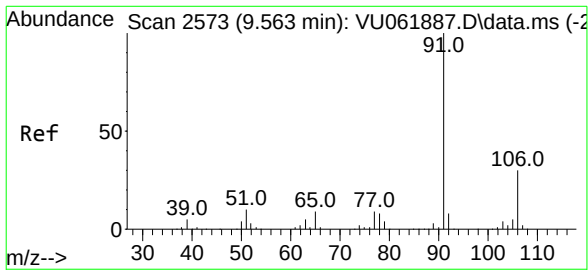
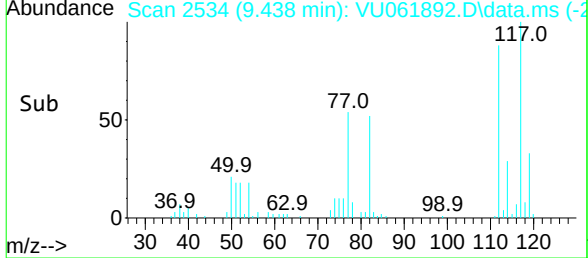
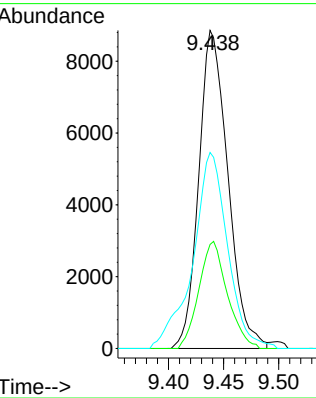
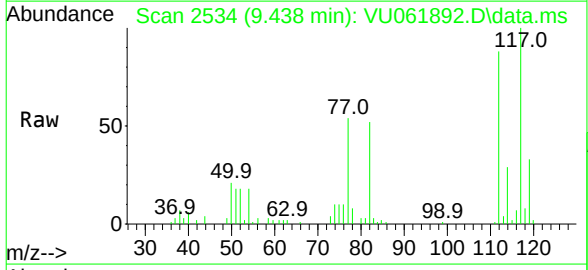




#51
Chlorobenzene
Concen: 0.407 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU061892.D
Acq: 21 Nov 2024 03:13

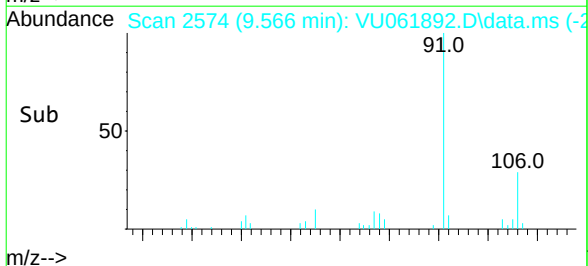
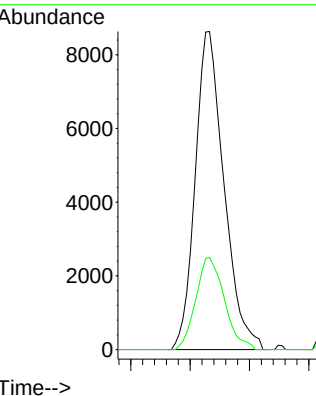
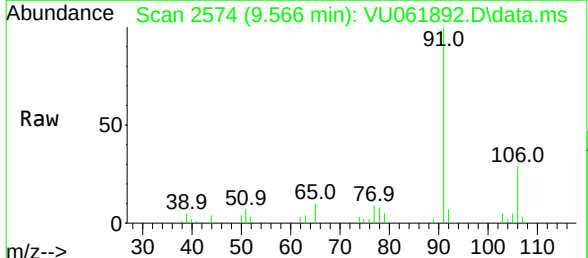
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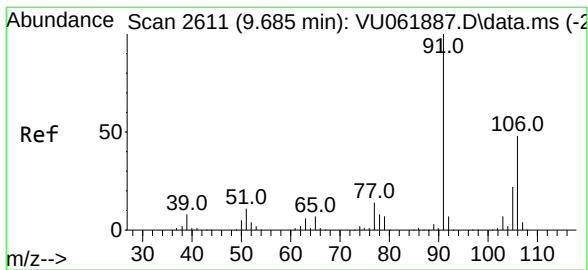
Tgt Ion:	112	Resp:	16296
Ion	Ratio	Lower	Upper
112	100		
114	32.7	23.0	42.6
77	61.6	50.5	75.7



#52
Ethylbenzene
Concen: 0.208 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU061892.D
Acq: 21 Nov 2024 03:13

Tgt Ion:	91	Resp:	14528
Ion	Ratio	Lower	Upper
91	100		
106	28.9	21.6	40.0

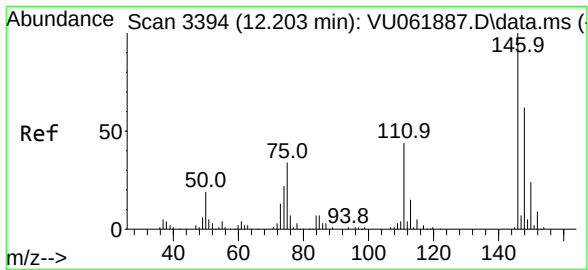
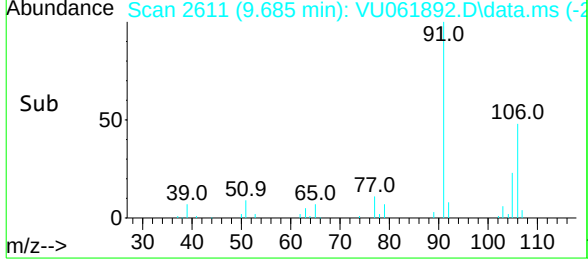
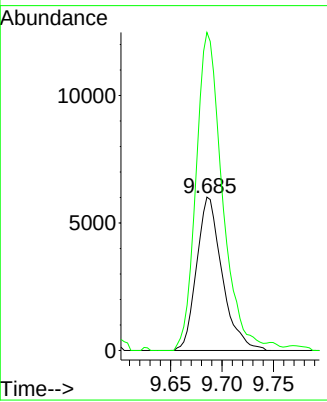
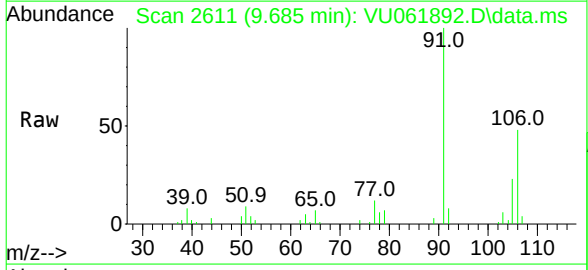




#53
 m,p-Xylene
 Concen: 0.421 ug/L
 RT: 9.685 min Scan# 2611
 Delta R.T. 0.000 min
 Lab File: VU061892.D
 Acq: 21 Nov 2024 03:13

Instrument :
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Tgt Ion:	106	Resp:	10388
Ion Ratio	Lower	Upper	
106	100		
91	207.3	147.6	274.0



#67
 1,2-Dichlorobenzene
 Concen: 0.427 ug/L
 RT: 12.206 min Scan# 3395
 Delta R.T. 0.003 min
 Lab File: VU061892.D
 Acq: 21 Nov 2024 03:13

Tgt Ion:	146	Resp:	9033
Ion Ratio	Lower	Upper	
146	100		
111	46.0	36.0	54.0
148	63.7	52.3	78.5

