

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111824\
 Data File : VU061842.D
 Acq On : 19 Nov 2024 04:16
 Operator : MD/SY
 Sample : P4885-13
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3Q9

Quant Time: Nov 19 04:38:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 03:37:44 2024
 Response via : Initial Calibration

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

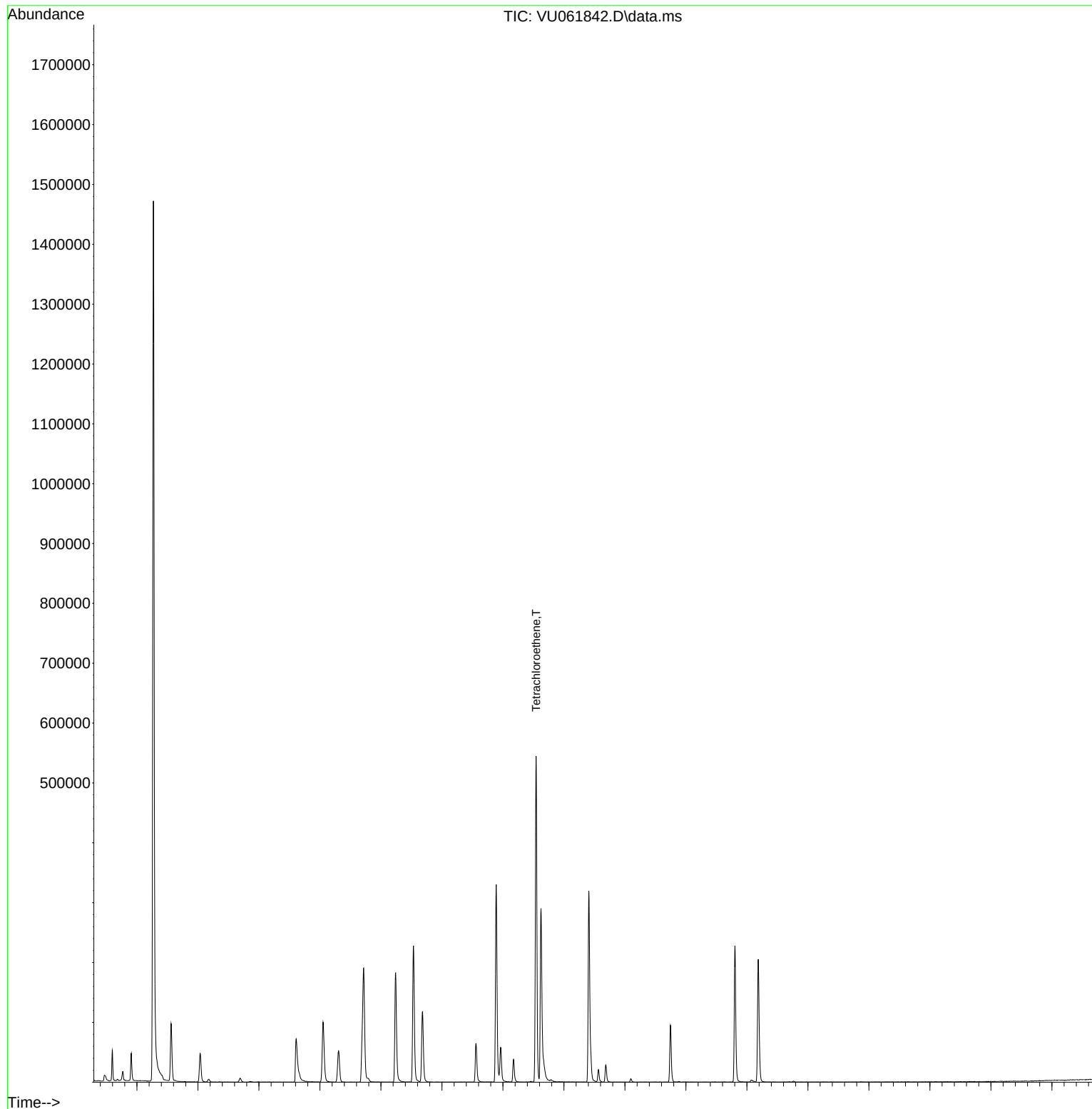
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	159736	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	189217	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	64368	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	34744	3.366	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.400%
7) Chloroethane-d5	1.907	69	34893	3.960	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.560	65	16597	3.584	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.600%
20) 2-Butanone-d5	4.611	46	110626	50.500	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.000%
24) Chloroform-d	5.052	84	92541	4.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.692	65	48912	4.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.717	84	186889	3.570	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.400%
36) 1,2-Dichloropropane-d6	6.682	67	59069	3.826	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.600%
41) Toluene-d8	7.891	98	235956	4.836	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	8.174	79	23078	4.058	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.621	63	105848	47.102	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.200%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	48256	3.965	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.200%
66) 1,2-Dichlorobenzene-d4	12.183	152	57619	5.026	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds	Qvalue					
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	5765	0.558	ug/L	96
16) Methylene chloride	3.036	84	25254	2.273	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	3046	0.255	ug/L	85
29) 1,1,1-Trichloroethane	5.309	97	39371	1.828	ug/L	98
34) Trichloroethene	6.534	95	79717	5.155	ug/L	94
42) Toluene	7.962	91	45837	0.743	ug/L	93
47) Tetrachloroethene	8.544	164	122345	10.529	ug/L	98
51) Chlorobenzene	9.441	112	19425	0.489	ug/L	98
52) Ethylbenzene	9.566	91	15635	0.238	ug/L	97
53) m,p-Xylene	9.688	106	8905	0.354	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	9749	0.512	ug/L	93

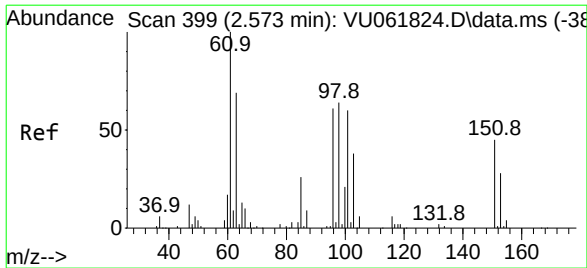
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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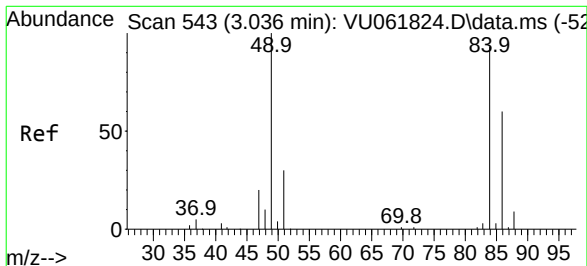
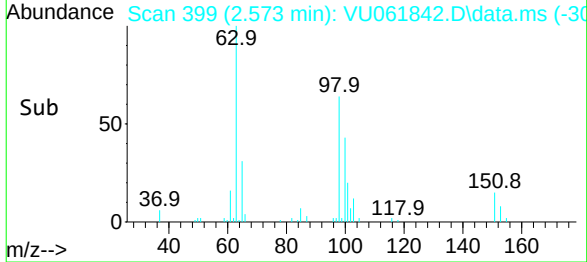
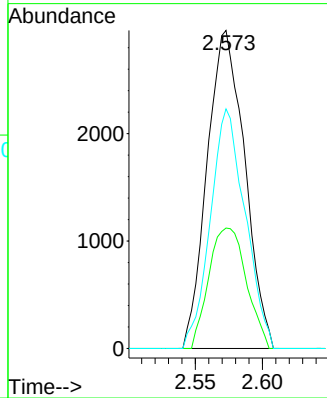
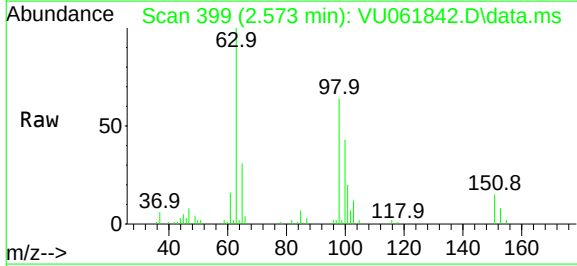




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.558 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061842.D
Acq: 19 Nov 2024 04:16

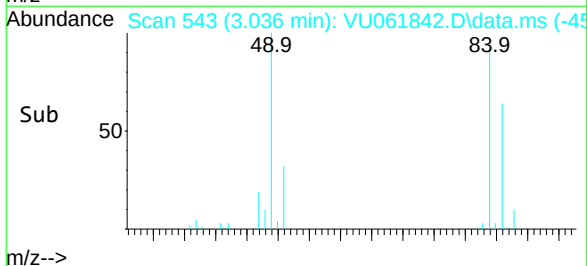
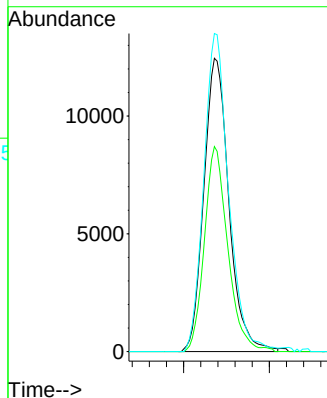
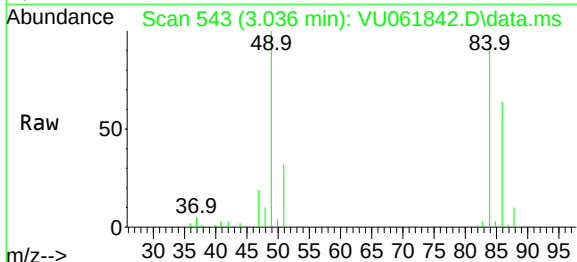
Instrument :
MSVOA_U
ClientSampleId :
BG3Q9

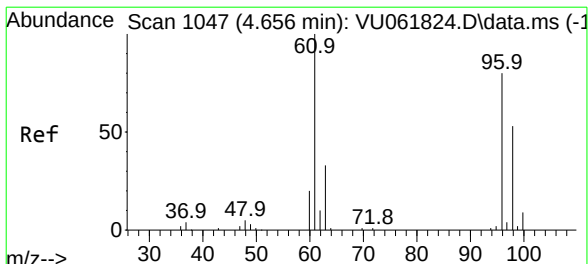
Tgt Ion:	101	Resp:	5765
Ion	Ratio	Lower	Upper
101	100		
85	37.8	35.1	52.7
151	70.0	56.9	85.3



#16
Methylene chloride
Concen: 2.273 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU061842.D
Acq: 19 Nov 2024 04:16

Tgt Ion:	84	Resp:	25254
Ion	Ratio	Lower	Upper
84	100		
86	69.9	45.1	83.7
49	108.4	76.3	141.7

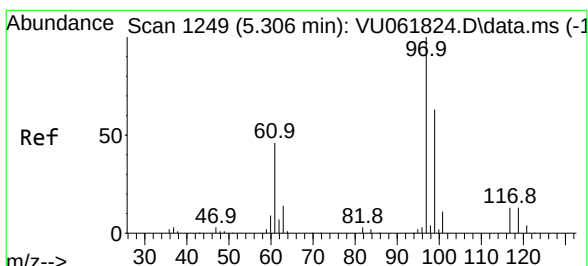
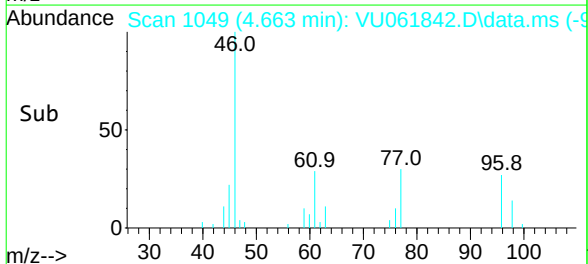
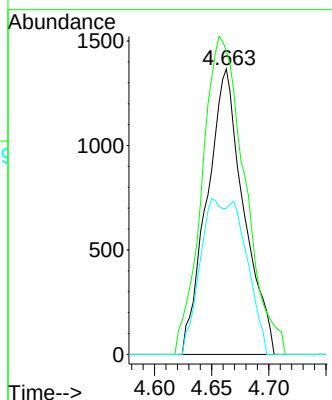
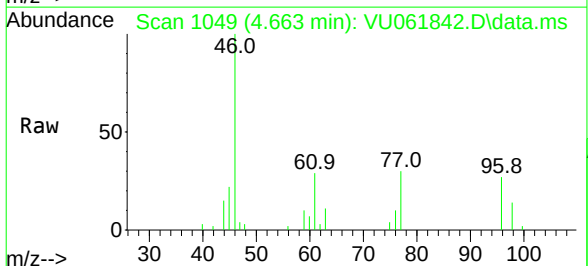




#22
 cis-1,2-Dichloroethene
 Concen: 0.255 ug/L
 RT: 4.663 min Scan# 1047
 Delta R.T. 0.006 min
 Lab File: VU061842.D
 Acq: 19 Nov 2024 04:16

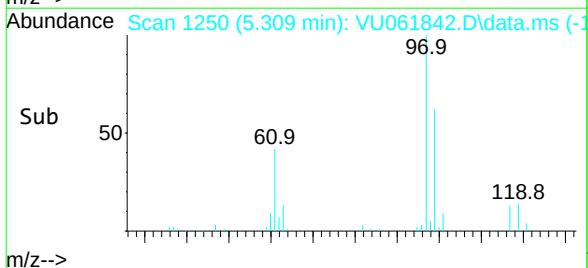
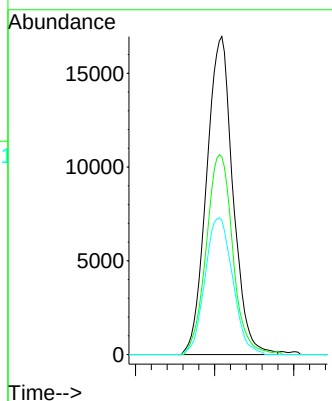
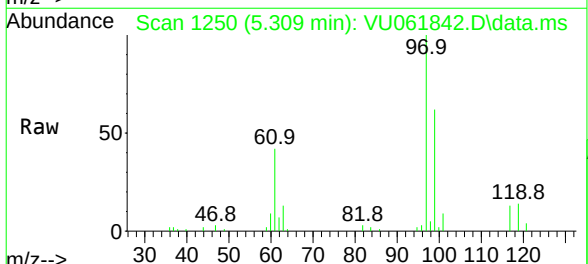
Instrument :
 MSVOA_U
 ClientSampleId :
 BG3Q9

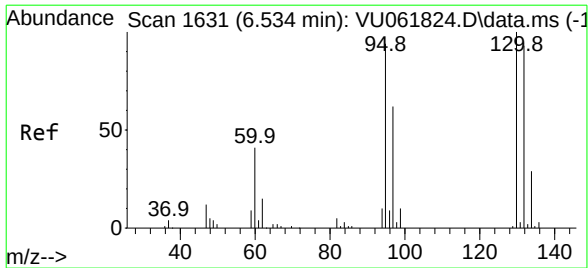
Tgt Ion: 96	Resp: 3046
Ion Ratio	Lower Upper
96 100	
61 106.4	85.6 159.0
98 51.2	45.6 84.8



#29
 1,1,1-Trichloroethane
 Concen: 1.828 ug/L
 RT: 5.309 min Scan# 1250
 Delta R.T. 0.003 min
 Lab File: VU061842.D
 Acq: 19 Nov 2024 04:16

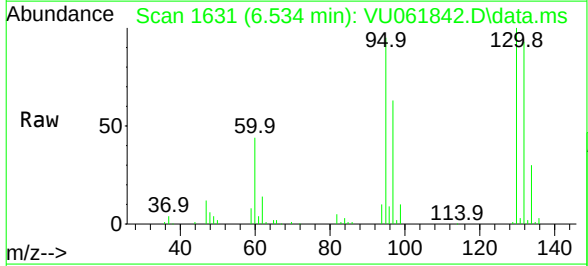
Tgt Ion: 97	Resp: 39371
Ion Ratio	Lower Upper
97 100	
99 62.8	51.7 77.5
61 45.0	35.4 53.0



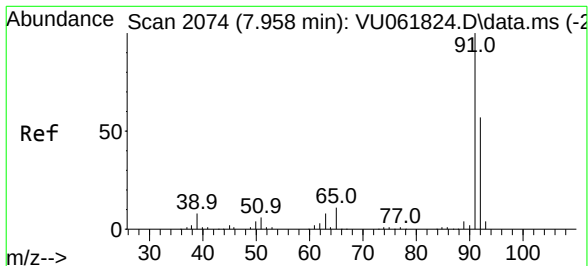
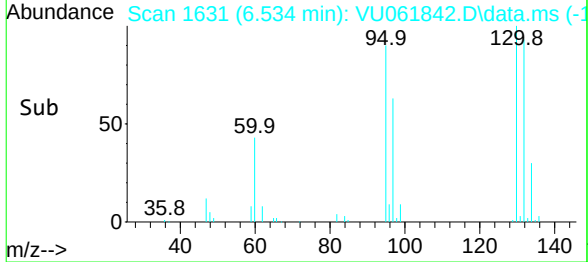
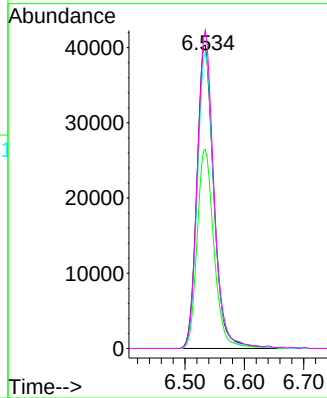


#34
Trichloroethene
Concen: 5.155 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061842.D
Acq: 19 Nov 2024 04:16

Instrument :
MSVOA_U
ClientSampleId :
BG3Q9

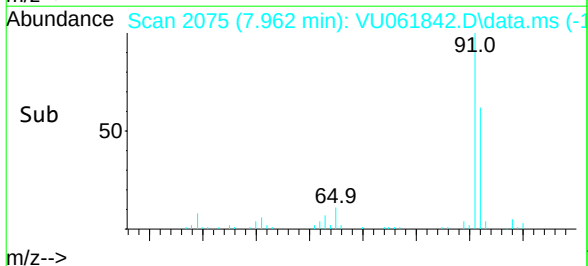
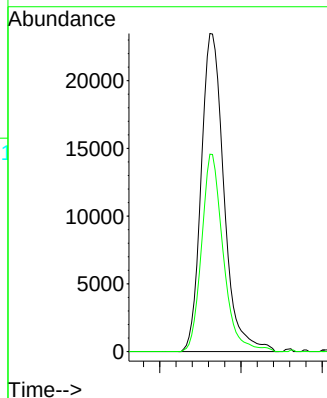
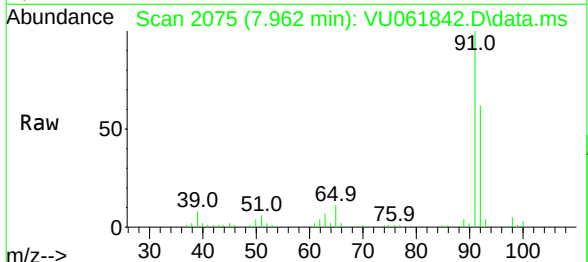


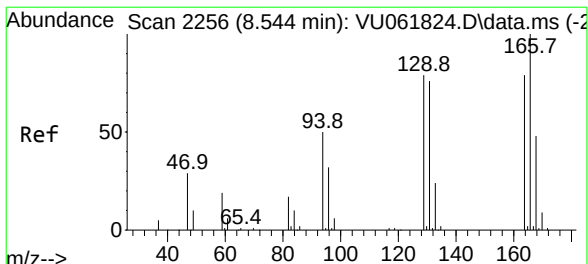
Tgt Ion: 95 Resp: 79717
Ion Ratio Lower Upper
95 100
97 65.6 43.5 80.9
132 97.7 65.2 121.0
130 104.8 67.5 125.3



#42
Toluene
Concen: 0.743 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.003 min
Lab File: VU061842.D
Acq: 19 Nov 2024 04:16

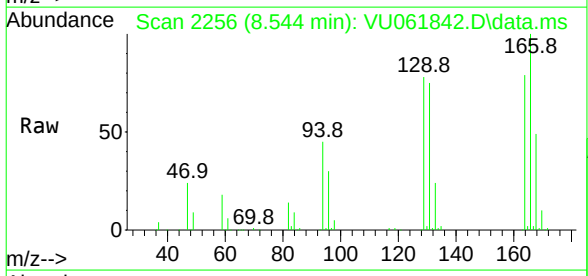
Tgt Ion: 91 Resp: 45837
Ion Ratio Lower Upper
91 100
92 62.1 39.7 73.7





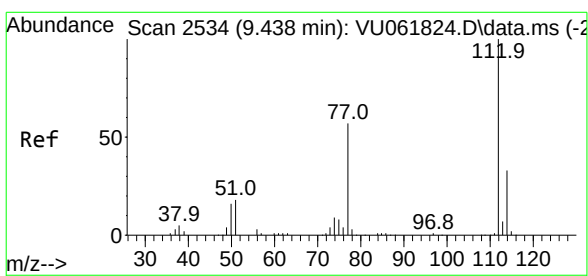
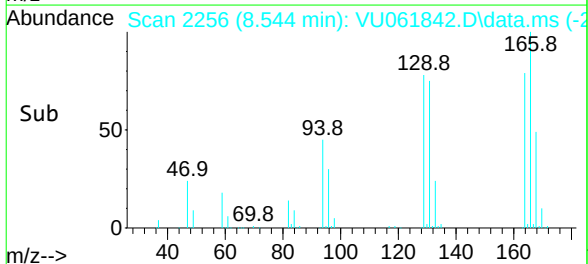
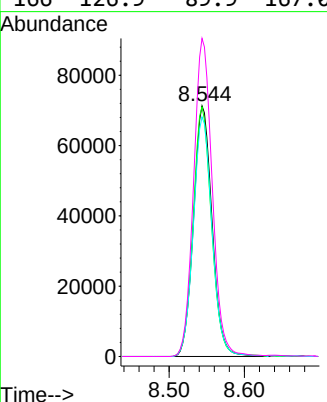
#47
 Tetrachloroethene
 Concen: 10.529 ug/L
 RT: 8.544 min Scan# 2256
 Delta R.T. 0.000 min
 Lab File: VU061842.D
 Acq: 19 Nov 2024 04:16

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:164 Resp: 122345

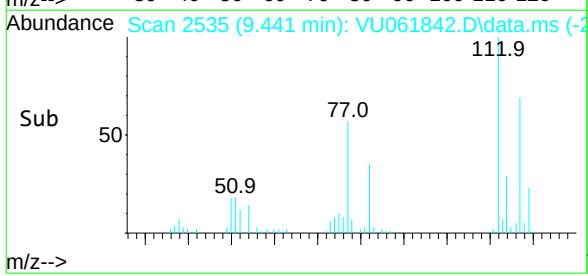
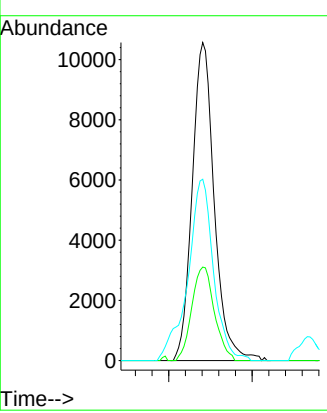
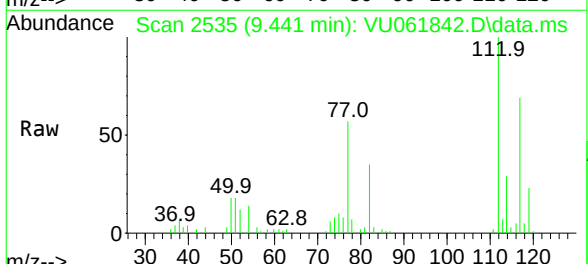
Ion	Ratio	Lower	Upper
164	100		
129	99.5	71.7	133.3
131	95.6	68.2	126.6
166	126.9	89.9	167.0

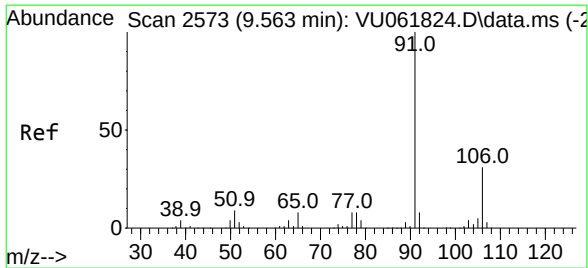


#51
 Chlorobenzene
 Concen: 0.489 ug/L
 RT: 9.441 min Scan# 2535
 Delta R.T. 0.003 min
 Lab File: VU061842.D
 Acq: 19 Nov 2024 04:16

Tgt Ion:112 Resp: 19425

Ion	Ratio	Lower	Upper
112	100		
114	29.4	22.5	41.9
77	57.0	45.3	67.9

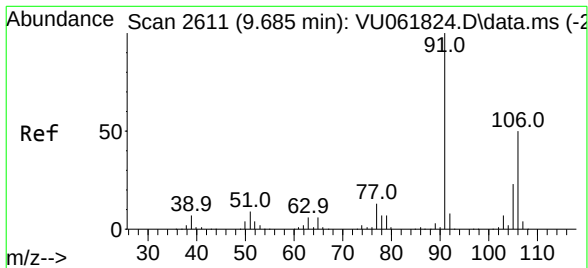
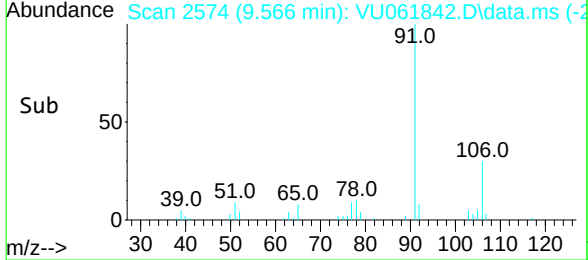
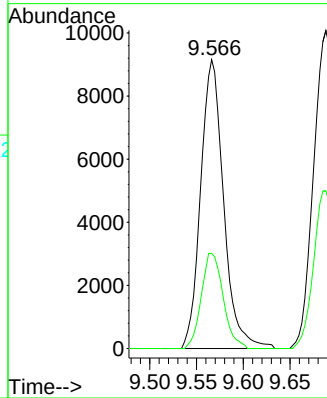
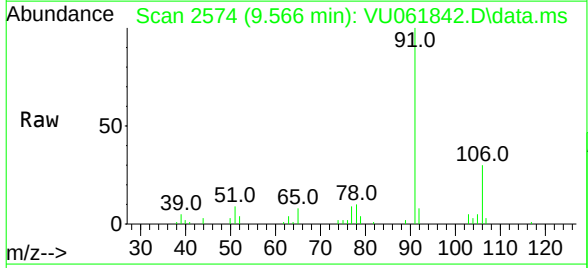




#52
Ethylbenzene
Concen: 0.238 ug/L
RT: 9.566 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU061842.D
Acq: 19 Nov 2024 04:16

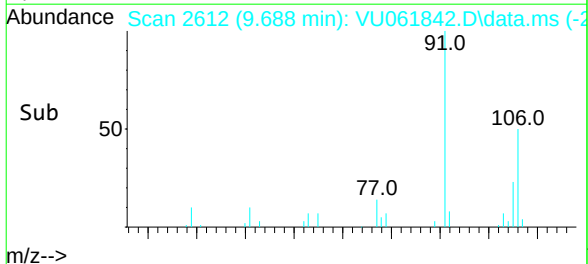
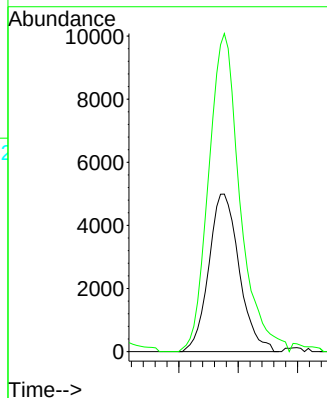
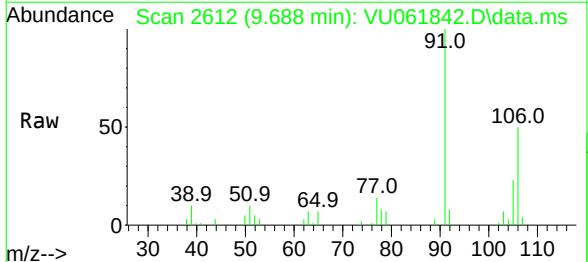
Instrument :
MSVOA_U
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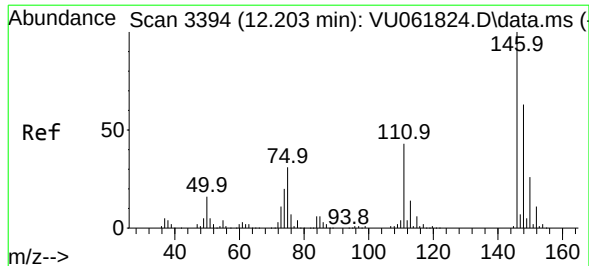
Tgt Ion: 91 Resp: 15635
Ion Ratio Lower Upper
91 100
106 32.9 21.7 40.3



#53
m,p-Xylene
Concen: 0.354 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. 0.003 min
Lab File: VU061842.D
Acq: 19 Nov 2024 04:16

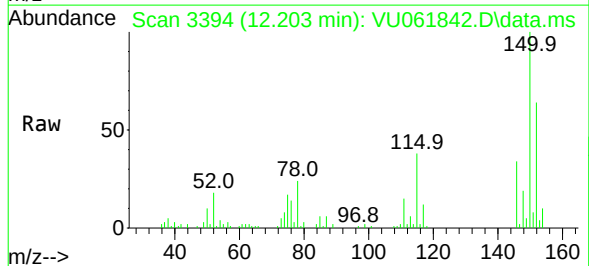
Tgt Ion: 106 Resp: 8905
Ion Ratio Lower Upper
106 100
91 201.9 140.4 260.8





#67
1,2-Dichlorobenzene
Concen: 0.512 ug/L
RT: 12.203 min Scan# 3394
Delta R.T. 0.000 min
Lab File: VU061842.D
Acq: 19 Nov 2024 04:16

Instrument :
MSVOA_U
ClientSampleId :
BG3Q9



Tgt Ion:	146	Resp:	9749
Ion	Ratio	Lower	Upper
146	100		
111	44.2	35.2	52.8
148	56.7	52.6	79.0

