

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
 Data File : VU061944.D
 Acq On : 22 Nov 2024 02:53
 Operator : MD/SY
 Sample : P4904-03
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG413

Quant Time: Nov 22 04:37:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 00:07:48 2024
 Response via : Initial Calibration

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

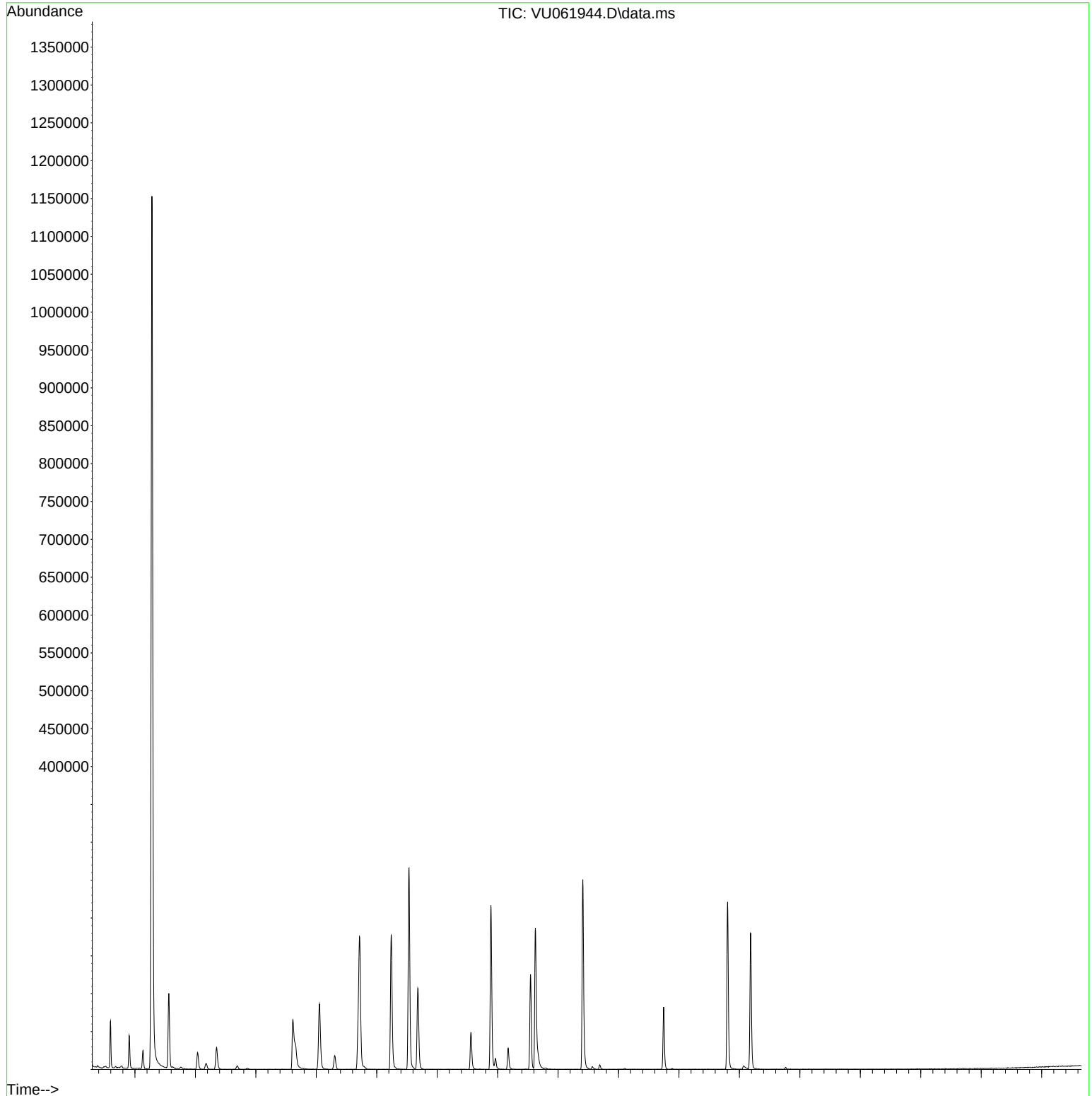
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	150476	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	141864	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	63634	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42853	5.806	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.200%
7) Chloroethane-d5	1.904	69	32892	5.037	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.557	65	18826	6.384	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	127.600%#
20) 2-Butanone-d5	4.612	46	94847	40.921	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.840%
24) Chloroform-d	5.052	84	85289	4.736	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.692	65	42508	4.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.718	84	169661	6.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	122.800%
36) 1,2-Dichloropropane-d6	6.679	67	56659	6.033	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	120.600%
41) Toluene-d8	7.888	98	152932	6.634	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	132.600%#
43) trans-1,3-Dichloroprop...	8.174	79	18221	5.241	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.800%
46) 2-Hexanone-d5	8.621	63	65255	41.119	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.240%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	42264	4.503	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.184	152	50694	5.388	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds				Qvalue		
9) Trichlorofluoromethane	2.133	101	15769	0.894	ug/L	97
16) Methylene chloride	3.036	84	11521	0.951	ug/L	94
17) Methyl tert-butyl Ether	3.351	73	10045	0.388	ug/L	96
18) trans-1,2-Dichloroethene	3.348	96	9176	0.860	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	12378	1.031	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	13778	0.843	ug/L	97
34) Trichloroethene	6.531	95	96741	8.460	ug/L	99
42) Toluene	7.965	91	11067	0.246	ug/L	96
47) Tetrachloroethene	8.544	164	27869	3.351	ug/L	98
51) Chlorobenzene	9.441	112	5129	0.167	ug/L	92
53) m,p-Xylene	9.689	106	2063	0.109	ug/L	73

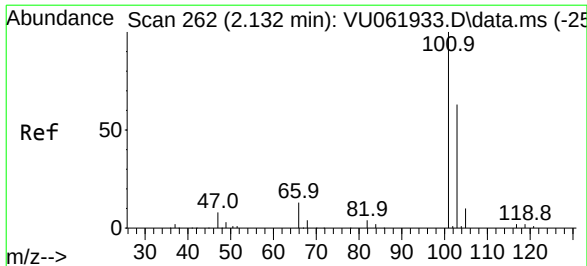
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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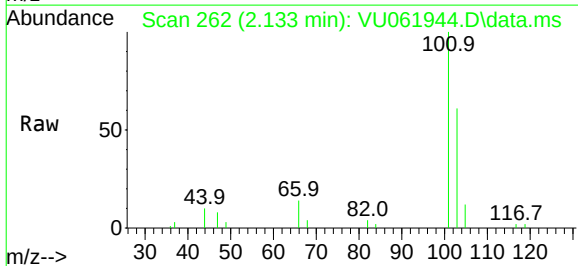
Quant Time: Nov 22 04:37:51 2024
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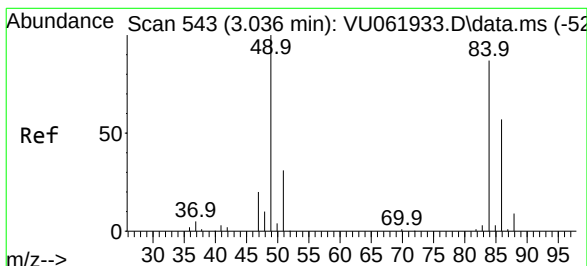
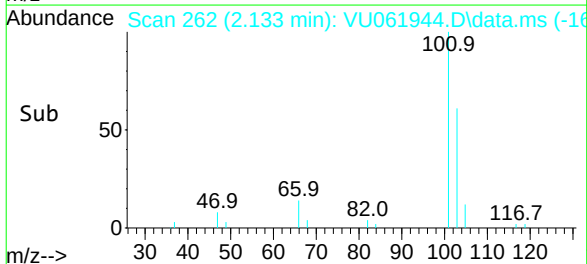
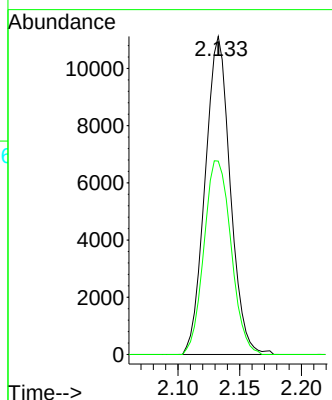


#9
Trichlorofluoromethane
Concen: 0.894 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU061944.D
Acq: 22 Nov 2024 02:53

Instrument :
MSVOA_U
ClientSampleId :
BG413

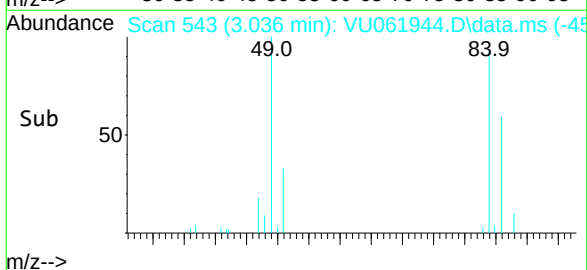
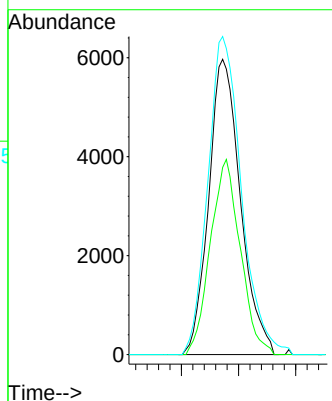
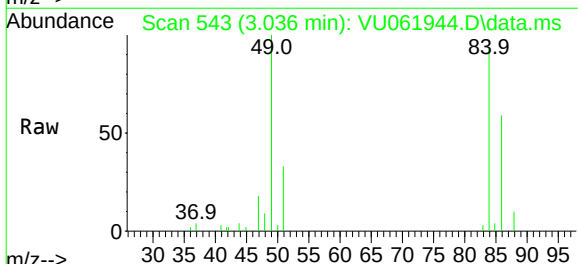


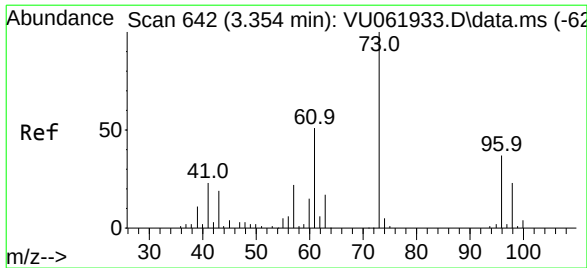
Tgt Ion:101 Resp: 15769
Ion Ratio Lower Upper
101 100
103 65.6 50.6 75.8



#16
Methylene chloride
Concen: 0.951 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU061944.D
Acq: 22 Nov 2024 02:53

Tgt Ion: 84 Resp: 11521
Ion Ratio Lower Upper
84 100
86 63.4 43.5 80.7
49 107.7 81.9 152.1

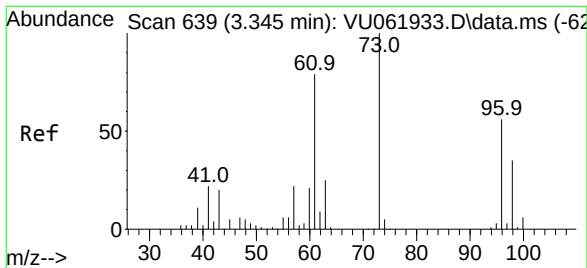
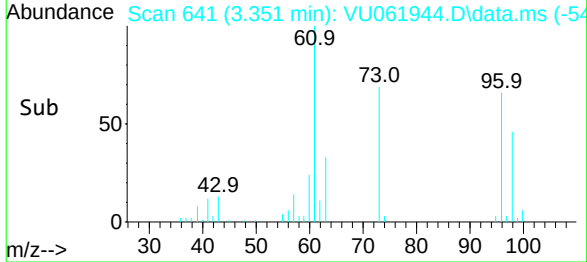
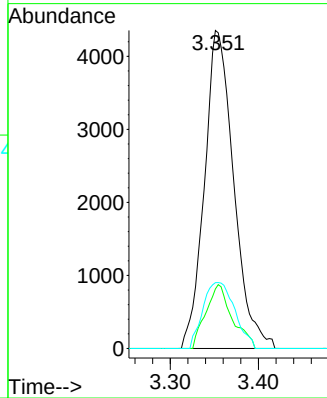
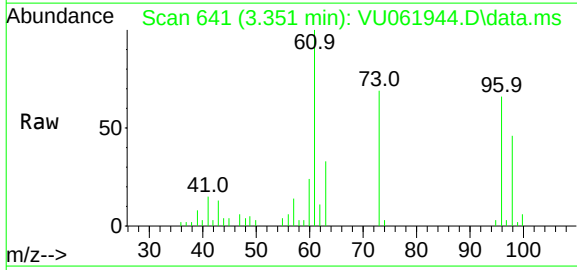




#17
Methyl tert-butyl Ether
Concen: 0.388 ug/L
RT: 3.351 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU061944.D
Acq: 22 Nov 2024 02:53

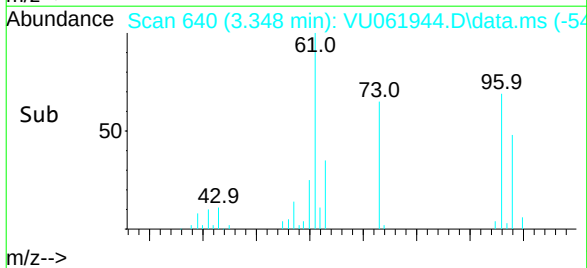
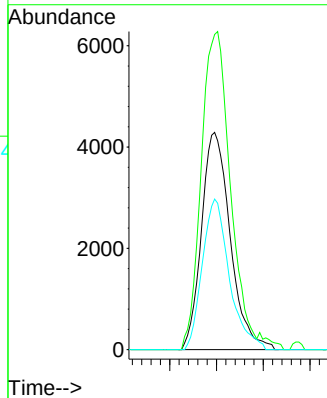
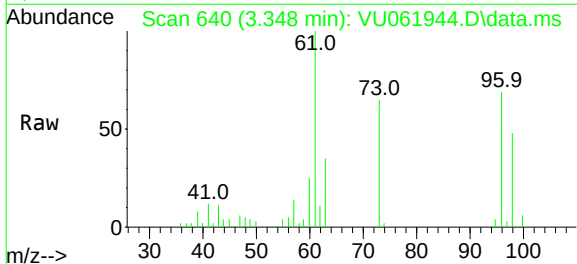
Instrument :
MSVOA_U
ClientSampleId :
BG413

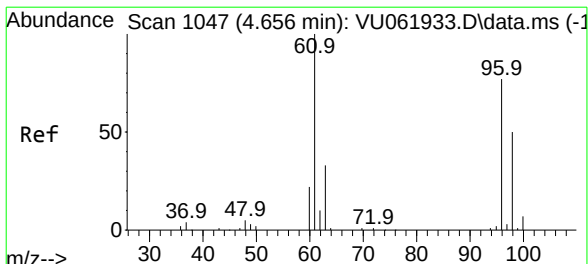
Tgt Ion:	73	Resp:	10045
Ion	Ratio	Lower	Upper
73	100		
43	18.1	16.3	24.5
57	22.6	17.1	25.7



#18
trans-1,2-Dichloroethene
Concen: 0.860 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061944.D
Acq: 22 Nov 2024 02:53

Tgt Ion:	96	Resp:	9176
Ion	Ratio	Lower	Upper
96	100		
61	145.1	104.2	193.4
98	69.3	45.7	84.9

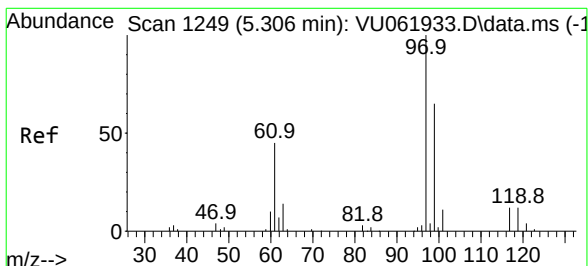
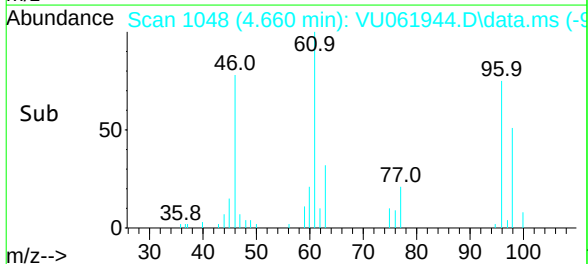
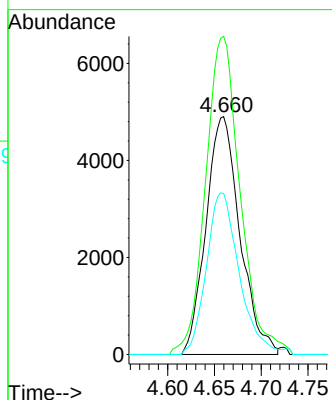
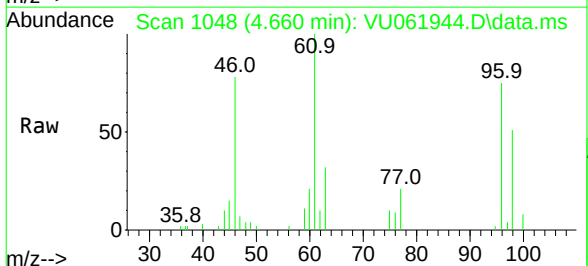




#22
 cis-1,2-Dichloroethene
 Concen: 1.031 ug/L
 RT: 4.660 min Scan# 1047
 Delta R.T. 0.003 min
 Lab File: VU061944.D
 Acq: 22 Nov 2024 02:53

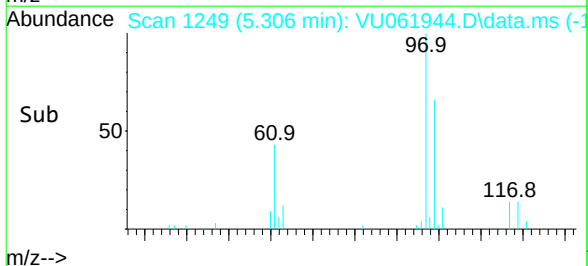
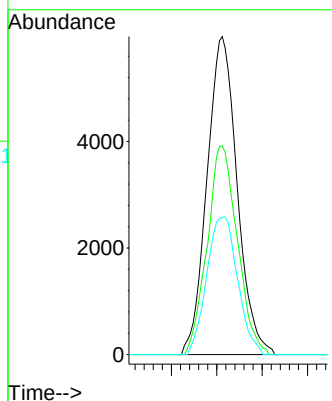
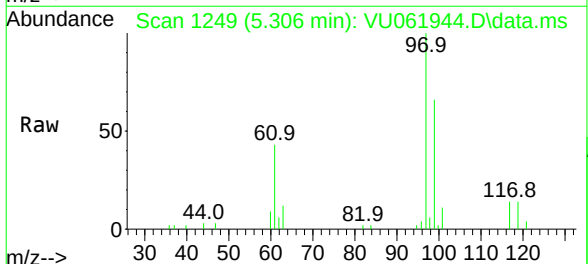
Instrument :
 MSVOA_U
 ClientSampleId :
 BG413

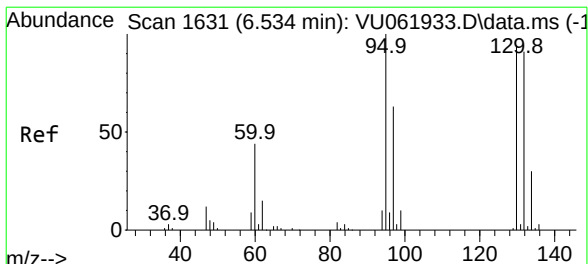
Tgt Ion:	96	Resp:	12378
Ion	Ratio	Lower	Upper
96	100		
61	133.7	92.0	170.8
98	67.7	44.5	82.7



#29
 1,1,1-Trichloroethane
 Concen: 0.843 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. 0.000 min
 Lab File: VU061944.D
 Acq: 22 Nov 2024 02:53

Tgt Ion:	97	Resp:	13778
Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.4	77.2
61	44.2	37.8	56.6

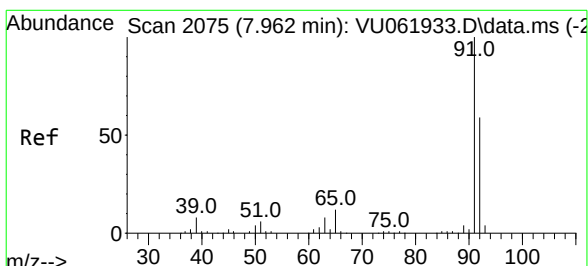
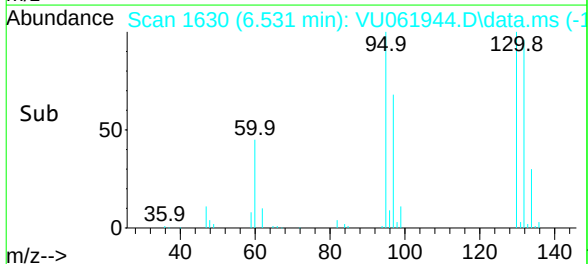
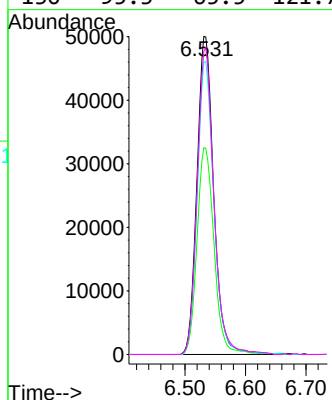
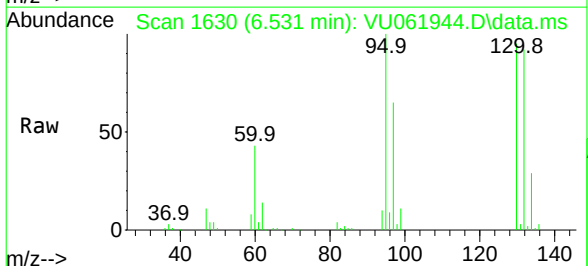




#34
 Trichloroethene
 Concen: 8.460 ug/L
 RT: 6.531 min Scan# 16
 Delta R.T. -0.003 min
 Lab File: VU061944.D
 Acq: 22 Nov 2024 02:53

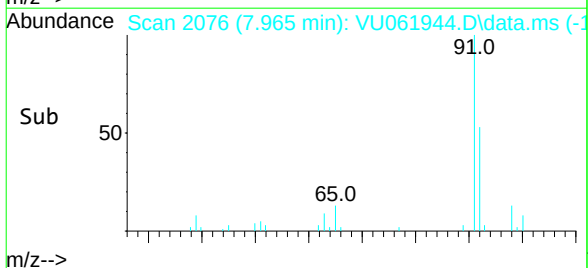
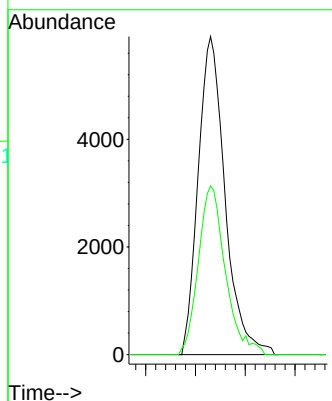
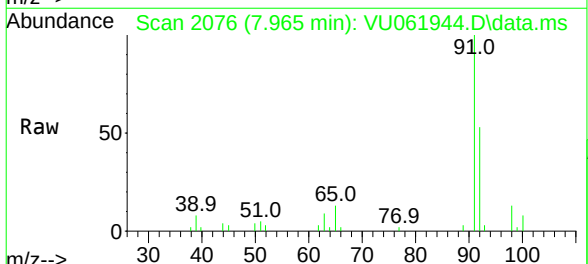
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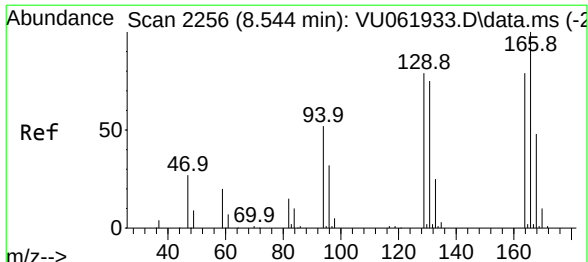
Tgt Ion:	95	Resp:	96741
Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.9	85.3
132	91.8	63.8	118.4
130	95.3	65.5	121.7



#42
 Toluene
 Concen: 0.246 ug/L
 RT: 7.965 min Scan# 2076
 Delta R.T. 0.003 min
 Lab File: VU061944.D
 Acq: 22 Nov 2024 02:53

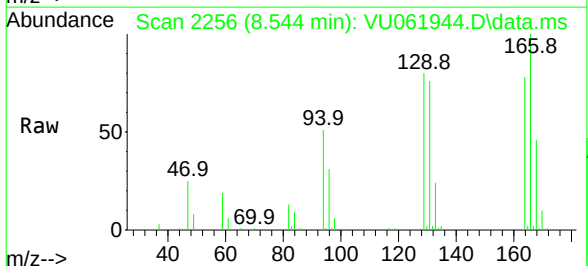
Tgt Ion:	91	Resp:	11067
Ion	Ratio	Lower	Upper
91	100		
92	53.0	39.0	72.4



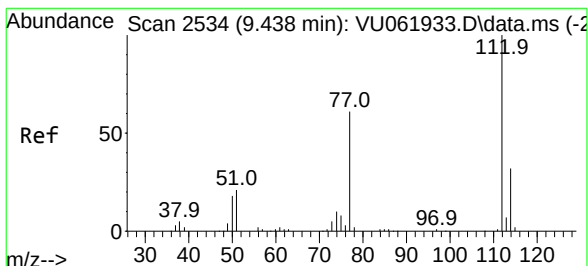
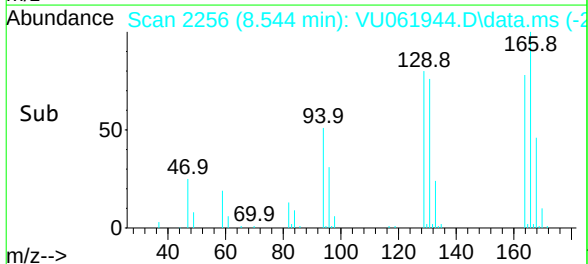
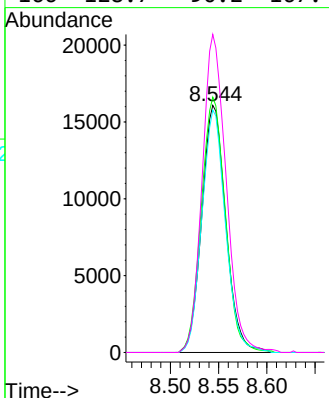


#47
Tetrachloroethene
Concen: 3.351 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU061944.D
Acq: 22 Nov 2024 02:53

Instrument :
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ClientSampleId :
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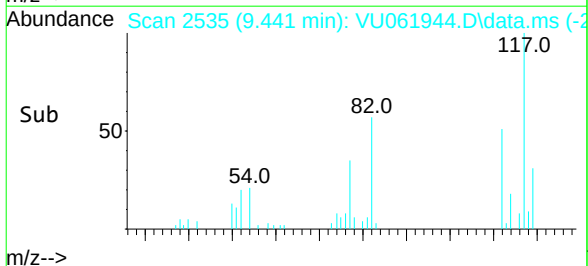
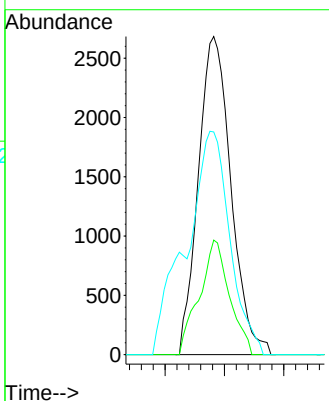
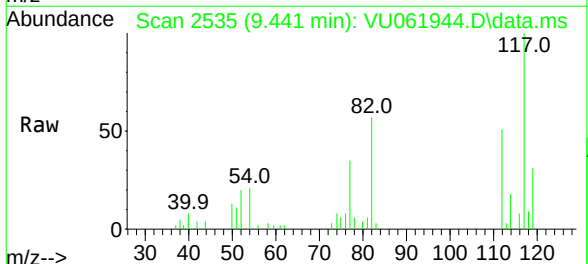


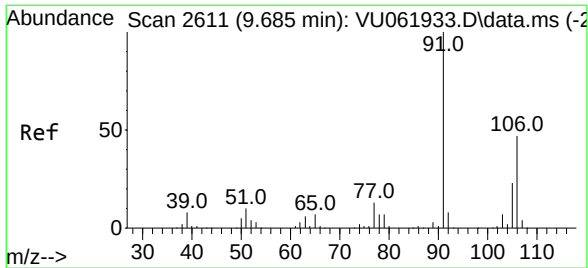
Tgt Ion	Ratio	Lower	Upper
164	100		
129	103.3	73.2	136.0
131	98.1	72.3	134.3
166	128.7	90.2	167.4



#51
Chlorobenzene
Concen: 0.167 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU061944.D
Acq: 22 Nov 2024 02:53

Tgt Ion	Ratio	Lower	Upper
112	100		
114	36.0	23.0	42.6
77	70.0	50.5	75.7





#53
 m,p-Xylene
 Concen: 0.109 ug/L
 RT: 9.689 min Scan# 2611
 Delta R.T. 0.003 min
 Lab File: VU061944.D
 Acq: 22 Nov 2024 02:53

Instrument : MSVOA_U
 ClientSampleId : BG413

Tgt Ion:106 Resp: 2063

Ion	Ratio	Lower	Upper
106	100		
91	169.1	147.6	274.0

