

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112224\
 Data File : VU061997.D
 Acq On : 23 Nov 2024 02:15
 Operator : MD/SY
 Sample : P4904-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG412

Quant Time: Nov 23 03:18:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 23 00:14:12 2024
 Response via : Initial Calibration

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

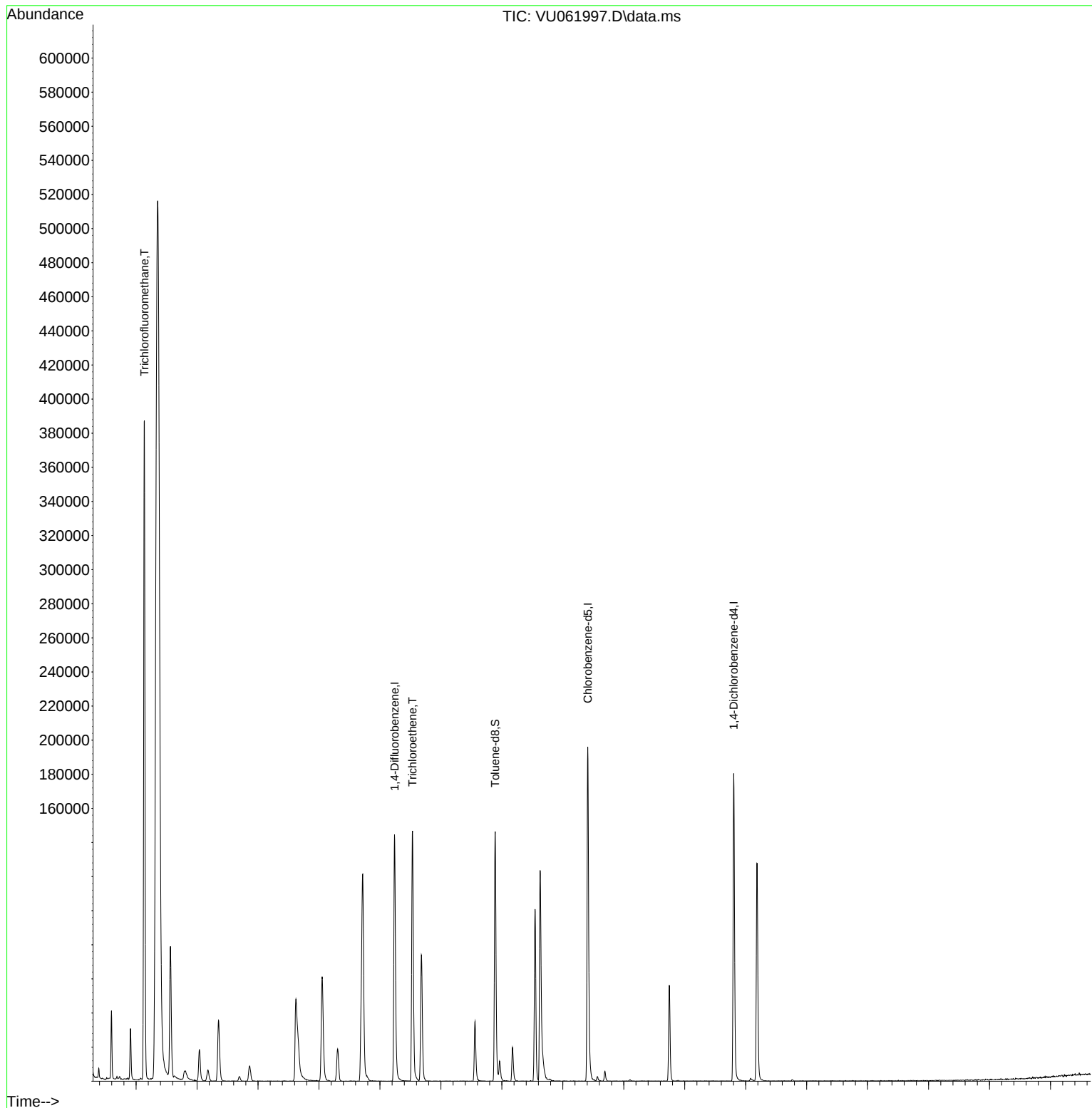
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	122823	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	115591	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	52033	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	27081	4.495	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.000%
7) Chloroethane-d5	1.908	69	22248	4.174	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.560	65	13848	5.753	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	115.000%
20) 2-Butanone-d5	4.621	46	62750	33.168	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.340%
24) Chloroform-d	5.052	84	62056	4.222	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.695	65	32107	4.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	5.718	84	119539	5.308	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
36) 1,2-Dichloropropane-d6	6.682	67	37256	4.868	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.891	98	105320	5.607	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.200%
43) trans-1,3-Dichloroprop...	8.174	79	13146	4.640	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.627	63	43527	33.661	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.320%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28899	3.779	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	75.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	35670	4.636	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds	Qvalue					
9) Trichlorofluoromethane	2.136	101	262725	18.252	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	4478	0.506	ug/L	95
12) 1,1-Dichloroethene	2.573	96	2035	0.247	ug/L #	1
16) Methylene chloride	3.039	84	10022	1.013	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	28971	1.372	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	5131	0.589	ug/L	97
19) 1,1-Dichloroethane	3.862	63	11562	0.682	ug/L	94
22) cis-1,2-Dichloroethene	4.653	96	7665	0.782	ug/L	94
25) Chloroform	5.075	83	3357	0.189	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	14805	1.111	ug/L	96
34) Trichloroethene	6.534	95	52932	5.681	ug/L	98
42) Toluene	7.962	91	9743	0.266	ug/L	95
47) Tetrachloroethene	8.547	164	22931	3.384	ug/L	95
51) Chlorobenzene	9.441	112	4274	0.170	ug/L	88
53) m,p-Xylene	9.689	106	1869	0.121	ug/L	83

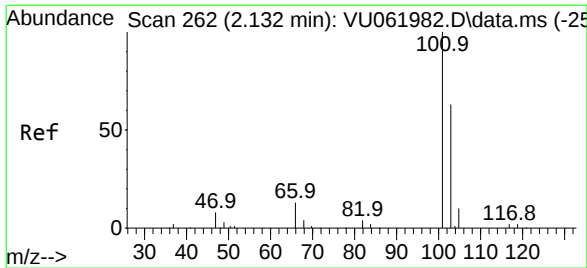
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 23 00:14:12 2024
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 18.252 ug/L

RT: 2.136 min Scan# 262

Delta R.T. 0.003 min

Lab File: VU061997.D

Acq: 23 Nov 2024 02:15

Instrument :

MSVOA_U

ClientSampleId :

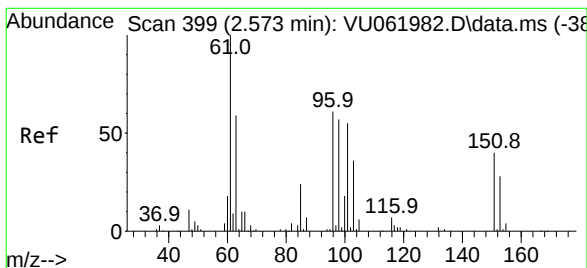
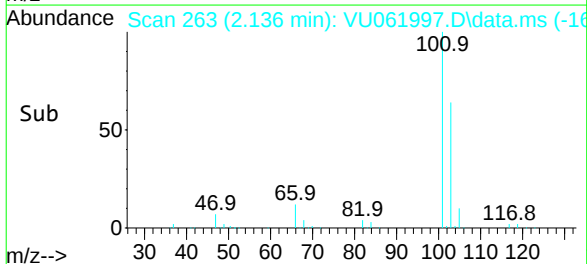
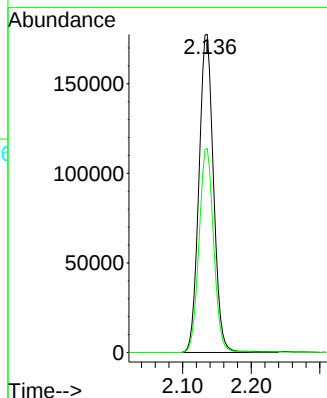
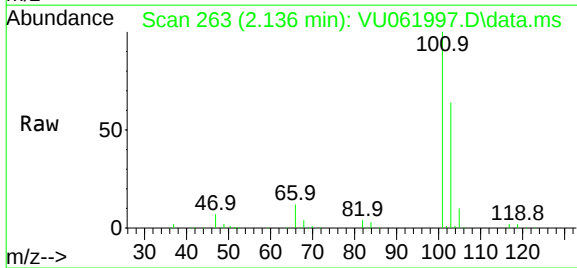
BG412

Tgt Ion:101 Resp: 262725

Ion Ratio Lower Upper

101 100

103 64.4 50.6 75.8



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.506 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU061997.D

Acq: 23 Nov 2024 02:15

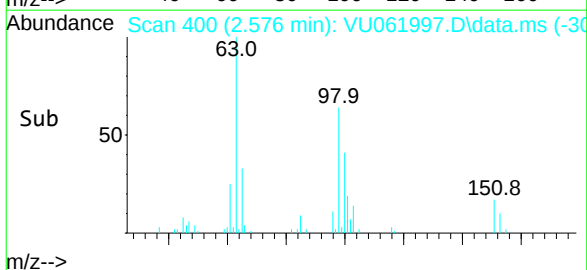
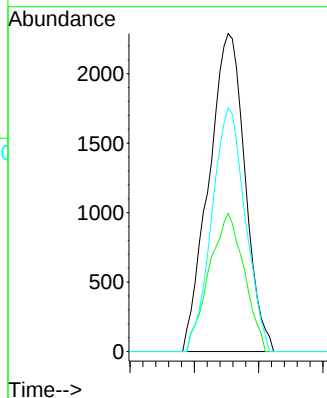
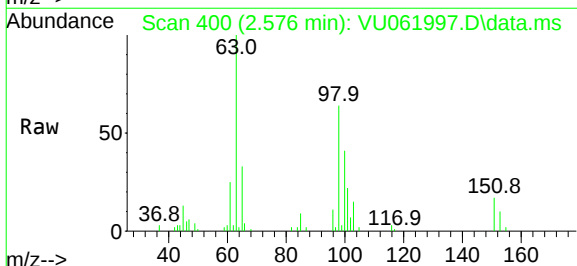
Tgt Ion:101 Resp: 4478

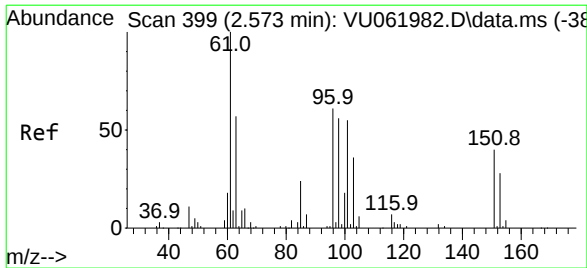
Ion Ratio Lower Upper

101 100

85 41.9 38.0 57.0

151 70.7 55.3 82.9

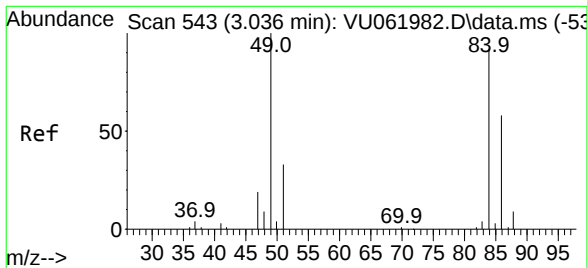
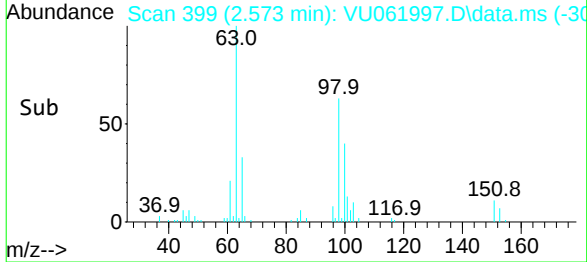
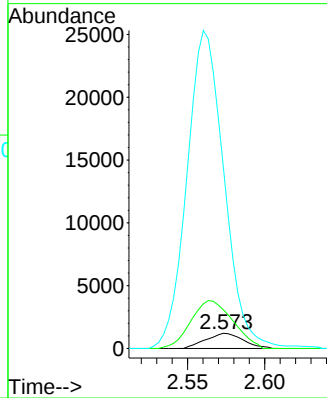
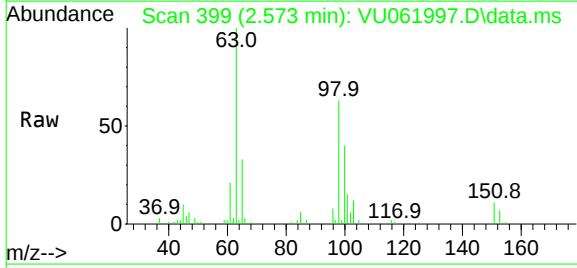




#12
1,1-Dichloroethene
Concen: 0.247 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061997.D
Acq: 23 Nov 2024 02:15

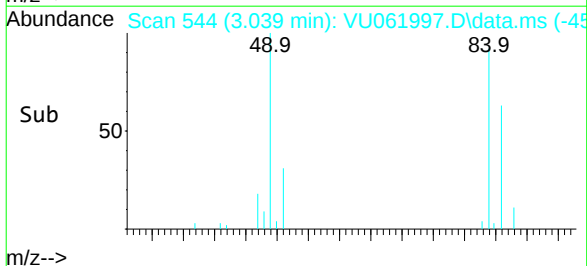
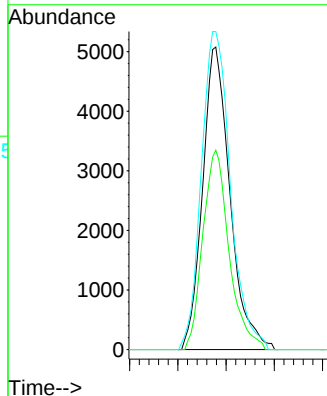
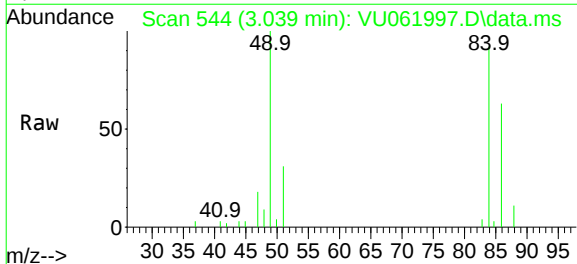
Instrument :
MSVOA_U
ClientSampleId :
BG412

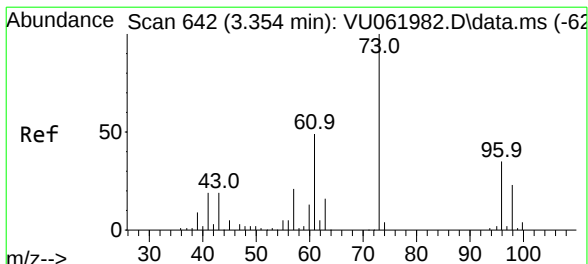
Tgt Ion: 96 Resp: 2035
Ion Ratio Lower Upper
96 100
61 215.0 119.6 222.2
63 1011.5 65.0 120.6#



#16
Methylene chloride
Concen: 1.013 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU061997.D
Acq: 23 Nov 2024 02:15

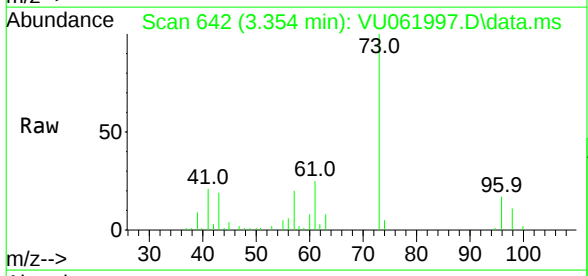
Tgt Ion: 84 Resp: 10022
Ion Ratio Lower Upper
84 100
86 65.9 43.5 80.7
49 105.1 81.9 152.1



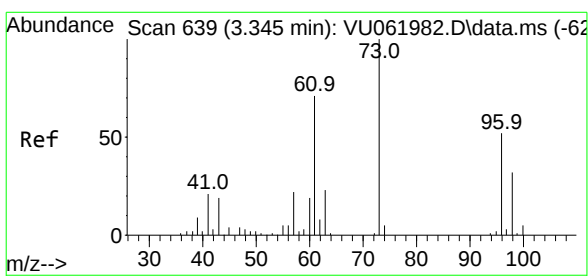
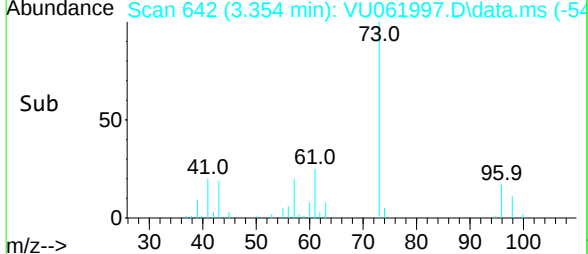
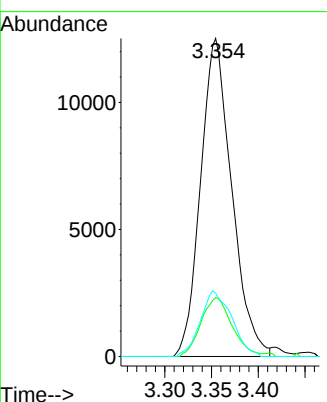


#17
 Methyl tert-butyl Ether
 Concen: 1.372 ug/L
 RT: 3.354 min Scan# 642
 Delta R.T. 0.000 min
 Lab File: VU061997.D
 Acq: 23 Nov 2024 02:15

Instrument :
 MSVOA_U
 ClientSampleId :
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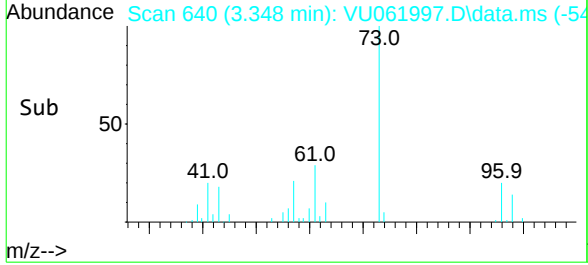
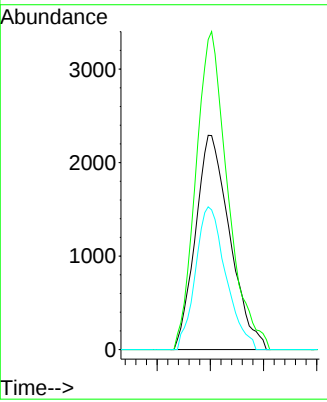
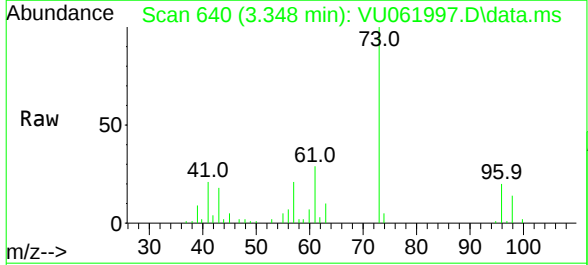


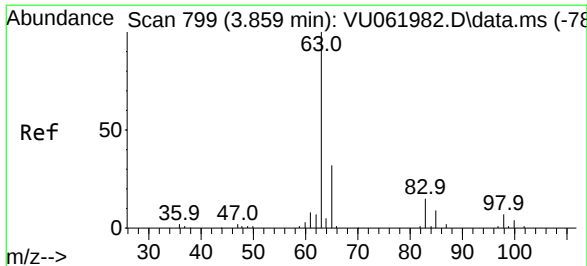
Tgt Ion:	73	Resp:	28971
Ion	Ratio	Lower	Upper
73	100		
43	18.6	16.3	24.5
57	20.8	17.1	25.7



#18
 trans-1,2-Dichloroethene
 Concen: 0.589 ug/L
 RT: 3.348 min Scan# 640
 Delta R.T. 0.003 min
 Lab File: VU061997.D
 Acq: 23 Nov 2024 02:15

Tgt Ion:	96	Resp:	5131
Ion	Ratio	Lower	Upper
96	100		
61	144.6	104.2	193.4
98	66.6	45.7	84.9

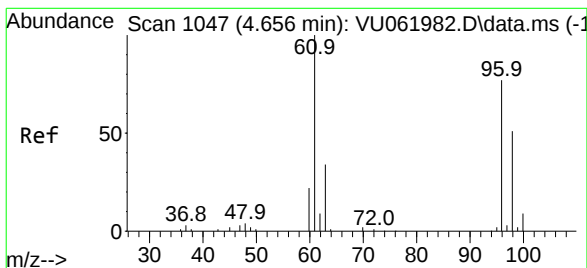
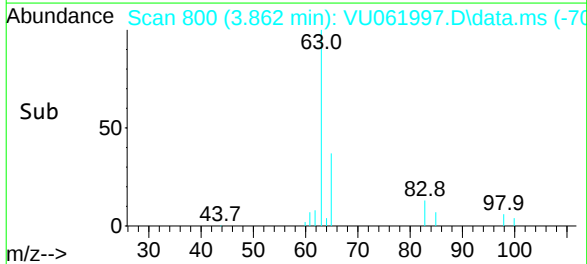
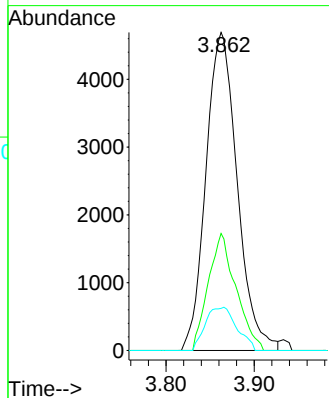
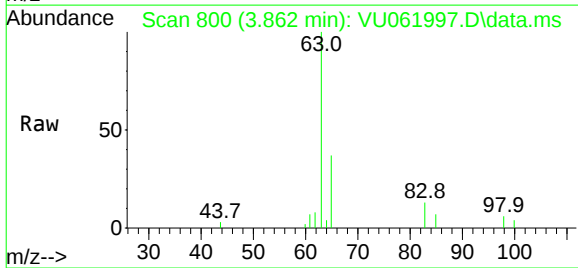




#19
1,1-Dichloroethane
Concen: 0.682 ug/L
RT: 3.862 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU061997.D
Acq: 23 Nov 2024 02:15

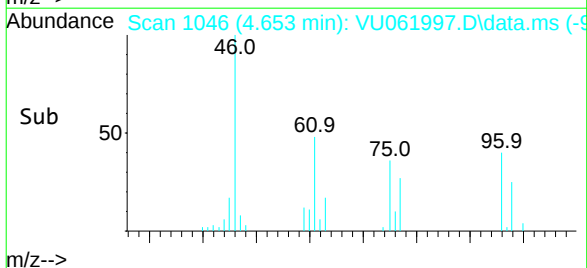
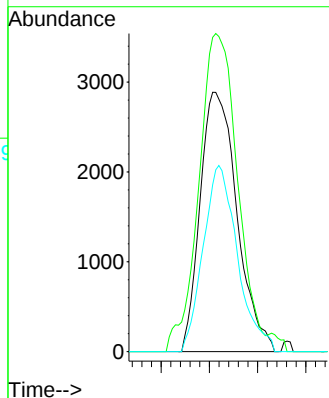
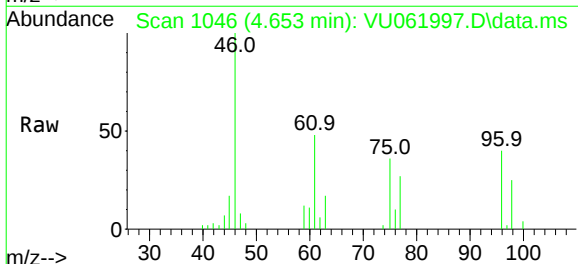
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ClientSampleId :
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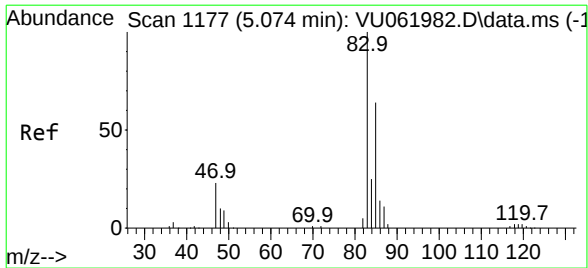
Tgt Ion:	63	Resp:	11562
Ion	Ratio	Lower	Upper
63	100		
65	36.8	22.7	42.3
83	13.2	9.9	18.3



#22
cis-1,2-Dichloroethene
Concen: 0.782 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU061997.D
Acq: 23 Nov 2024 02:15

Tgt Ion:	96	Resp:	7665
Ion	Ratio	Lower	Upper
96	100		
61	121.2	92.0	170.8
98	64.4	44.5	82.7

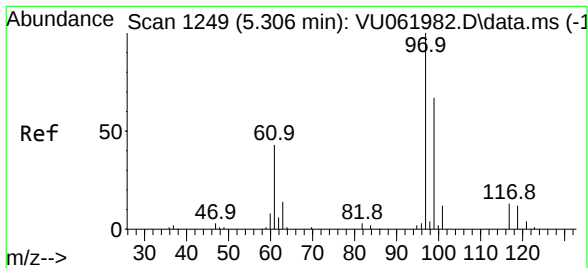
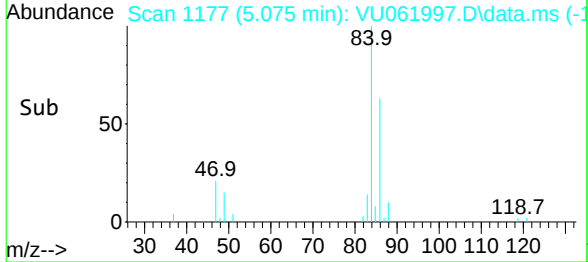
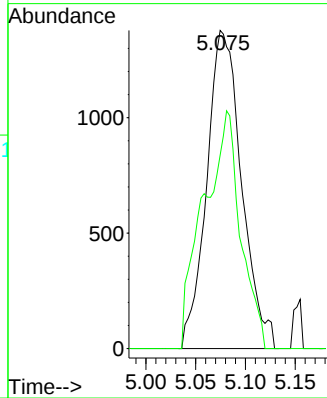
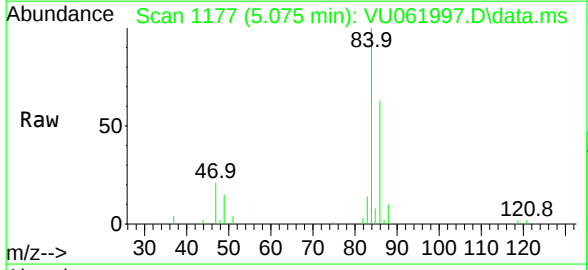




#25
 Chloroform
 Concen: 0.189 ug/L
 RT: 5.075 min Scan# 1177
 Delta R.T. 0.000 min
 Lab File: VU061997.D
 Acq: 23 Nov 2024 02:15

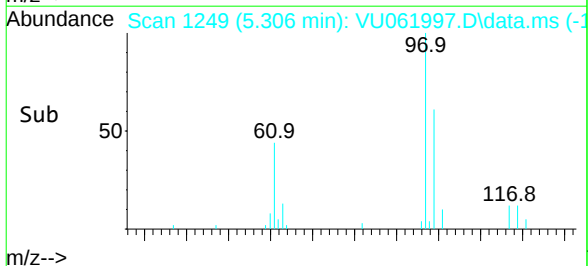
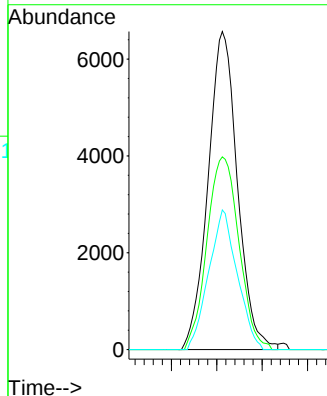
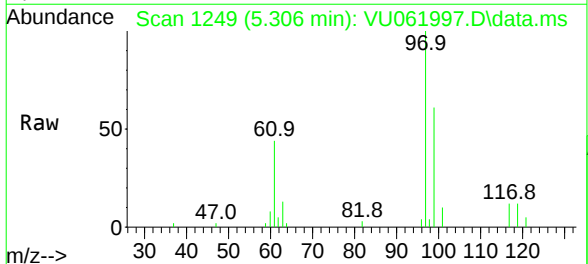
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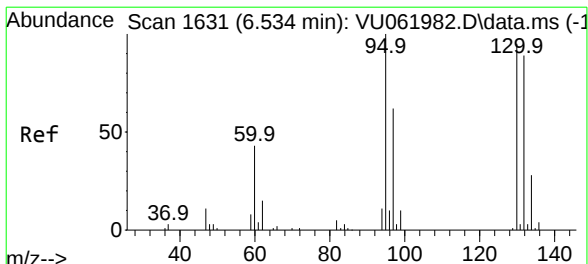
Tgt Ion:	83	Resp:	3357
Ion	Ratio	Lower	Upper
83	100		
85	60.8	45.4	84.2



#29
 1,1,1-Trichloroethane
 Concen: 1.111 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. 0.000 min
 Lab File: VU061997.D
 Acq: 23 Nov 2024 02:15

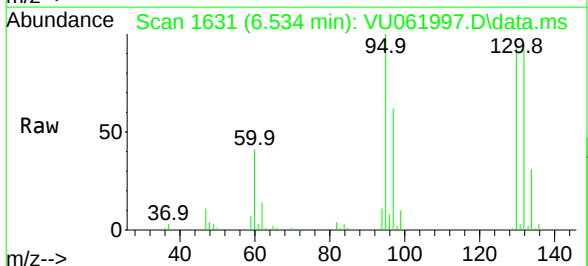
Tgt Ion:	97	Resp:	14805
Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.4	77.2
61	42.5	37.8	56.6





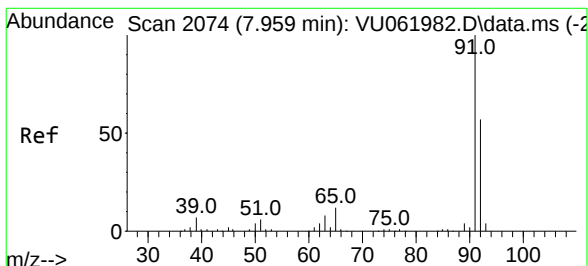
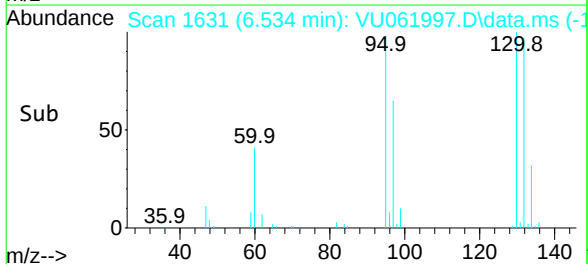
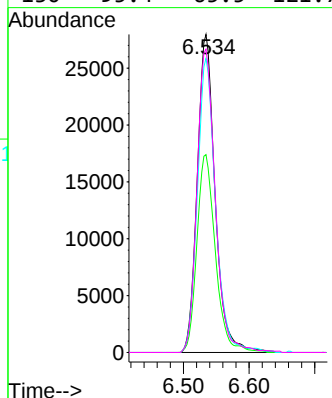
#34
 Trichloroethene
 Concen: 5.681 ug/L
 RT: 6.534 min Scan# 16
 Delta R.T. 0.000 min
 Lab File: VU061997.D
 Acq: 23 Nov 2024 02:15

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion: 95 Resp: 52932

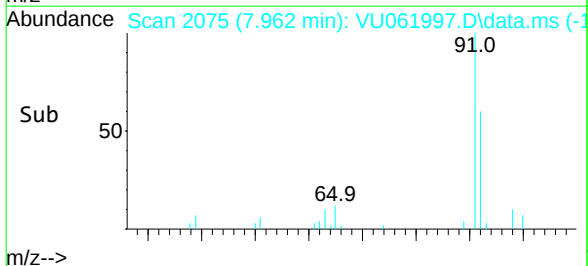
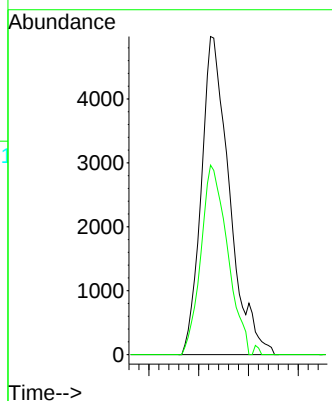
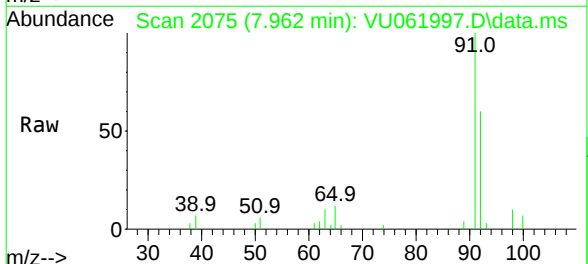
Ion	Ratio	Lower	Upper
95	100		
97	62.2	45.9	85.3
132	92.4	63.8	118.4
130	95.4	65.5	121.7

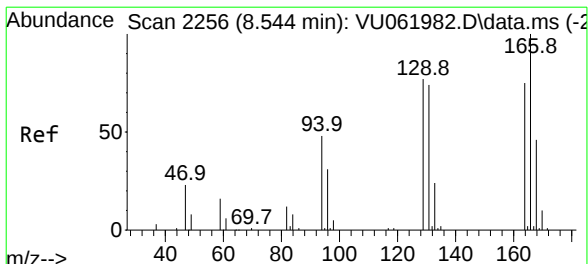


#42
 Toluene
 Concen: 0.266 ug/L
 RT: 7.962 min Scan# 2075
 Delta R.T. 0.003 min
 Lab File: VU061997.D
 Acq: 23 Nov 2024 02:15

Tgt Ion: 91 Resp: 9743

Ion	Ratio	Lower	Upper
91	100		
92	59.6	39.0	72.4

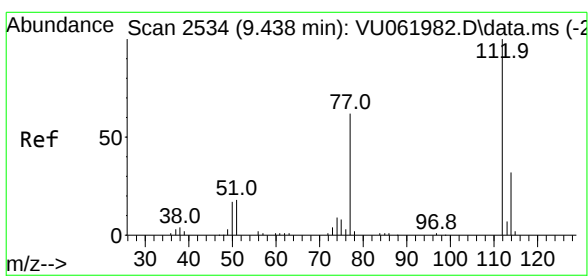
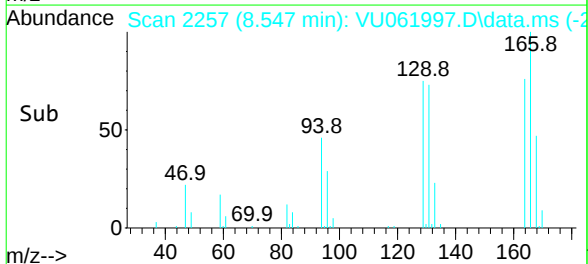
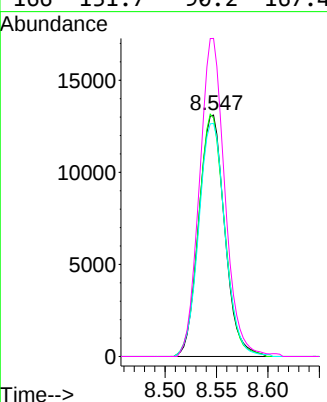
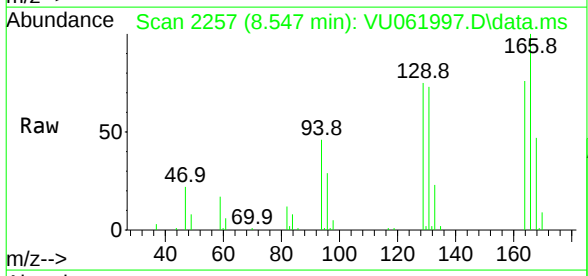




#47
Tetrachloroethene
Concen: 3.384 ug/L
RT: 8.547 min Scan# 2256
Delta R.T. 0.003 min
Lab File: VU061997.D
Acq: 23 Nov 2024 02:15

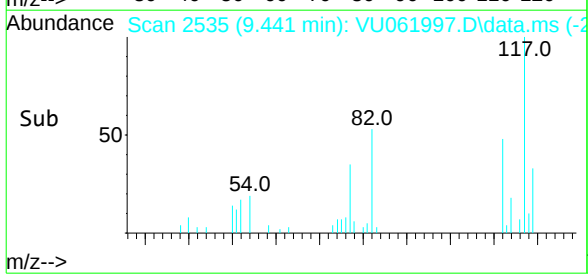
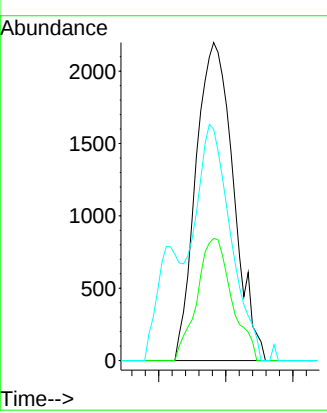
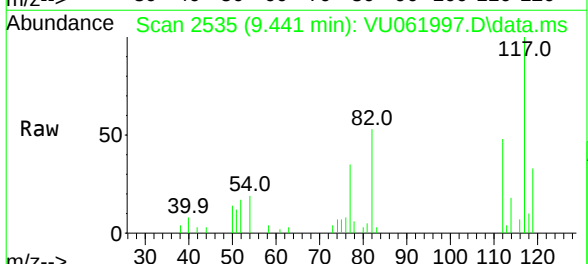
Instrument :
MSVOA_U
ClientSampleId :
BG412

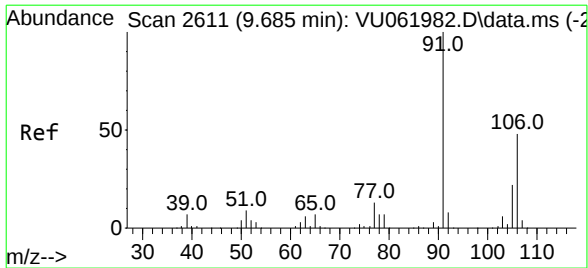
Tgt Ion:	164	Resp:	22931
Ion Ratio	Lower	Upper	
164	100		
129	98.8	73.2	136.0
131	96.5	72.3	134.3
166	131.7	90.2	167.4



#51
Chlorobenzene
Concen: 0.170 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU061997.D
Acq: 23 Nov 2024 02:15

Tgt Ion:	112	Resp:	4274
Ion Ratio	Lower	Upper	
112	100		
114	38.4	23.0	42.6
77	72.7	50.5	75.7





#53
 m,p-Xylene
 Concen: 0.121 ug/L
 RT: 9.689 min Scan# 2611
 Delta R.T. 0.003 min
 Lab File: VU061997.D
 Acq: 23 Nov 2024 02:15

Instrument :
 MSVOA_U
 ClientSampleId :
 BG412

Tgt Ion:	106	Resp:	1869
Ion Ratio	Lower	Upper	
106	100		
91	238.0	147.6	274.0

