

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111824\
 Data File : VU061839.D
 Acq On : 19 Nov 2024 03:02
 Operator : MD/SY
 Sample : P4885-10
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3Q6

Quant Time: Nov 19 04:37:05 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)

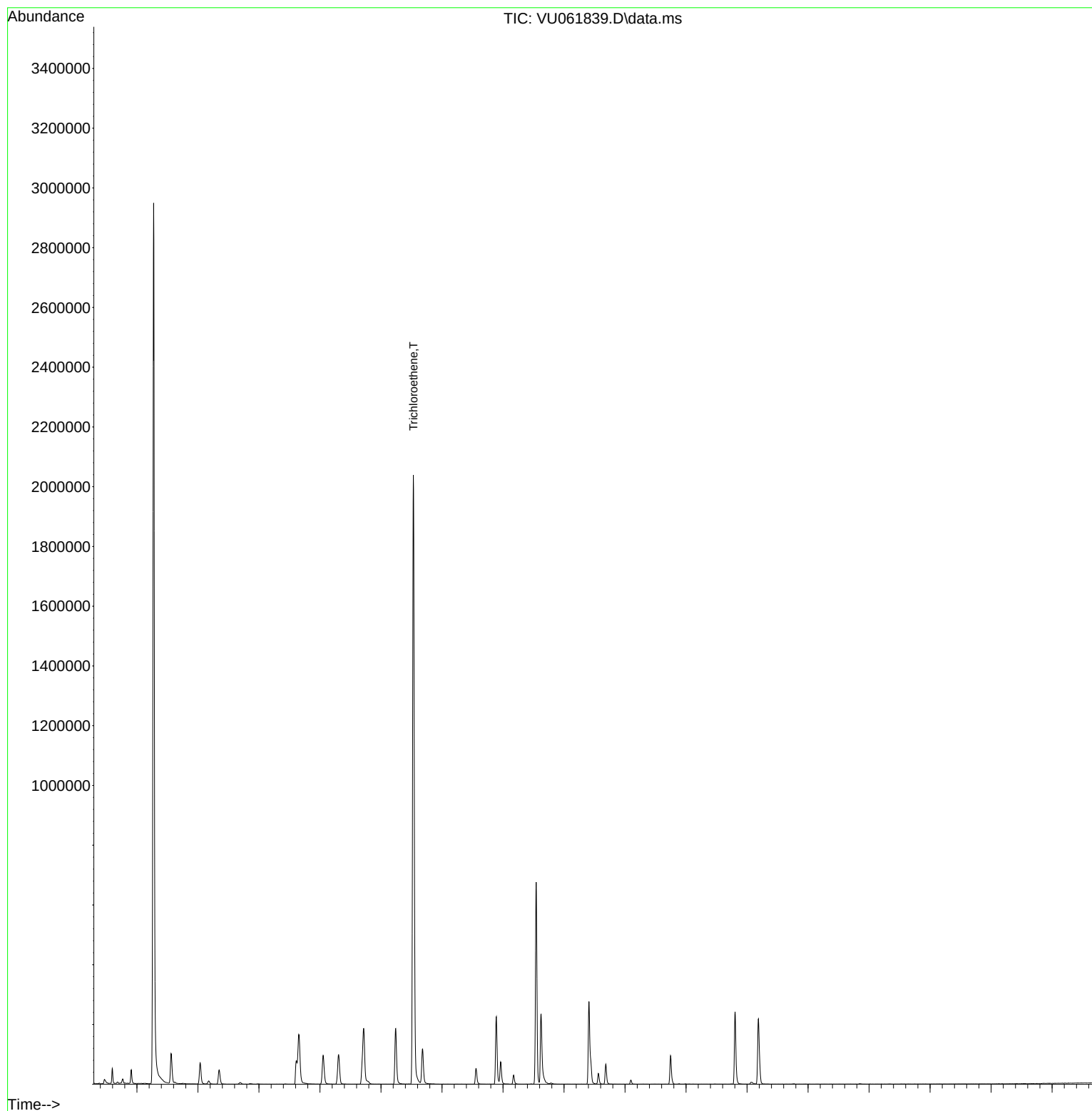
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	164858	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	157715	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	68873	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	34174	3.208	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.200%
7) Chloroethane-d5	1.907	69	34293	3.771	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.560	65	16457	3.444	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	4.611	46	108709	48.083	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.160%
24) Chloroform-d	5.052	84	91680	4.330	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.692	65	47086	4.634	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.718	84	185488	4.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.682	67	58610	4.554	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.891	98	162609	3.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	8.174	79	18132	3.825	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.600%
46) 2-Hexanone-d5	8.621	63	88016	46.990	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.980%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	47949	4.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	56994	4.646	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds	Qvalue					
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	8477	0.795	ug/L	98
12) 1,1-Dichloroethene	2.570	96	1795	0.180	ug/L #	1
16) Methylene chloride	3.036	84	36769	3.206	ug/L	96
18) trans-1,2-Dichloroethene	3.348	96	21675	1.986	ug/L	98
22) cis-1,2-Dichloroethene	4.653	96	89474	7.268	ug/L	97
27) 1,2-Dichloroethane	5.791	62	4973	0.378	ug/L #	94
29) 1,1,1-Trichloroethane	5.306	97	73348	4.087	ug/L	99
34) Trichloroethene	6.531	95	702349	54.494	ug/L	97
42) Toluene	7.962	91	58369	1.136	ug/L	100
47) Tetrachloroethene	8.544	164	145849	15.059	ug/L	97
51) Chlorobenzene	9.441	112	37939	1.147	ug/L	97
52) Ethylbenzene	9.563	91	26430	0.483	ug/L	94
53) m,p-Xylene	9.685	106	20176	0.963	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	4014	0.374	ug/L #	82
67) 1,2-Dichlorobenzene	12.203	146	23391	1.148	ug/L	98

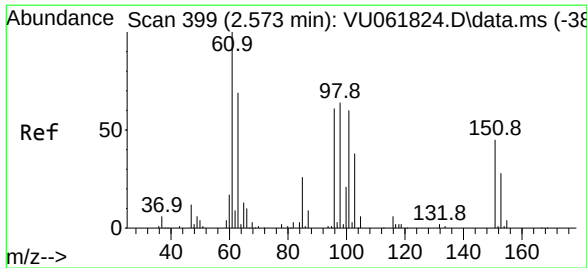
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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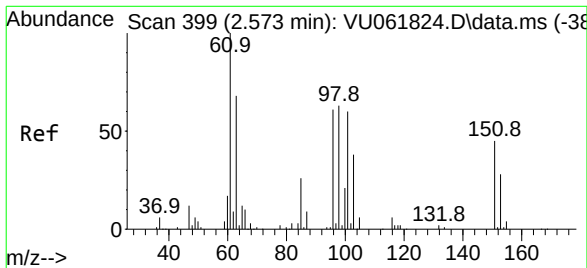
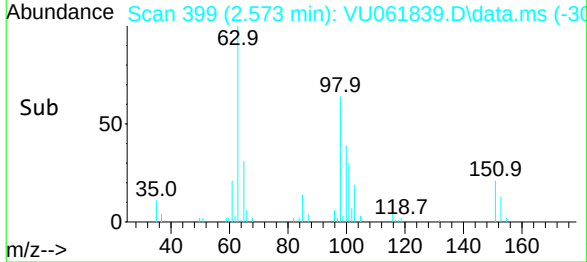
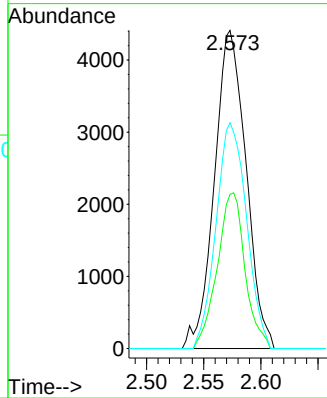
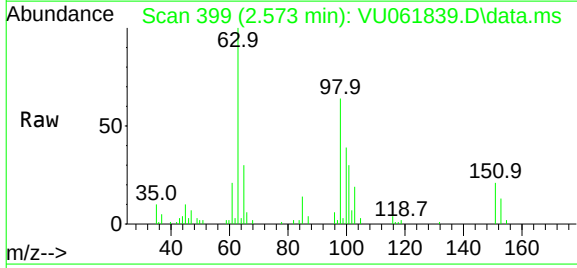




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.795 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU061839.D
Acq: 19 Nov 2024 03:02

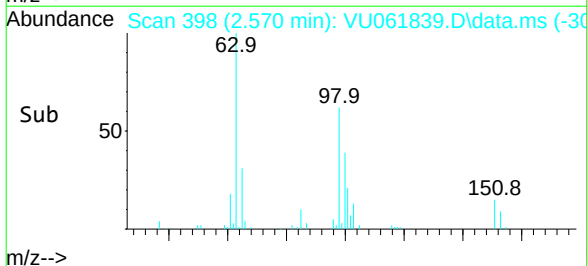
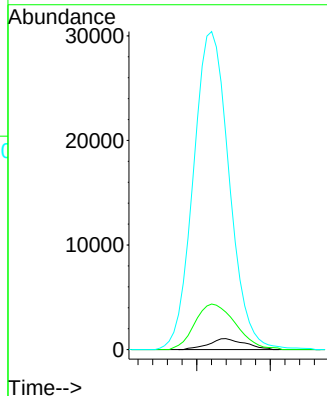
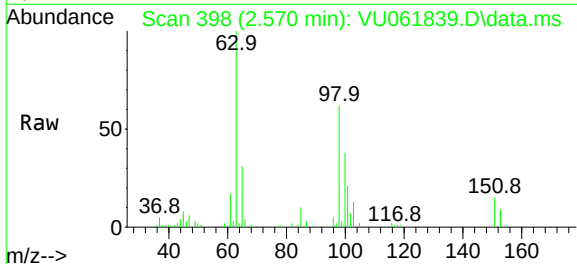
Instrument :
MSVOA_U
ClientSampleId :
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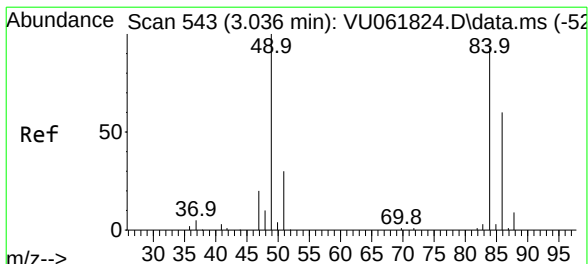
Tgt Ion: 101 Resp: 8477
Ion Ratio Lower Upper
101 100
85 43.1 35.1 52.7
151 68.5 56.9 85.3



#12
1,1-Dichloroethene
Concen: 0.180 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU061839.D
Acq: 19 Nov 2024 03:02

Tgt Ion: 96 Resp: 1795
Ion Ratio Lower Upper
96 100
61 342.0 116.8 217.0#
63 1954.5 86.1 159.9#

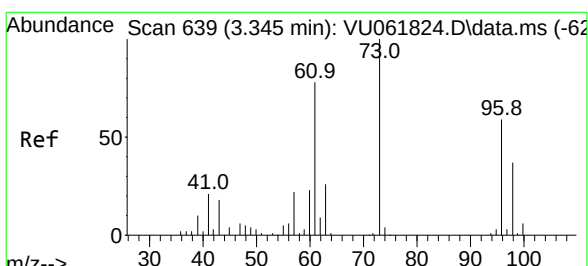
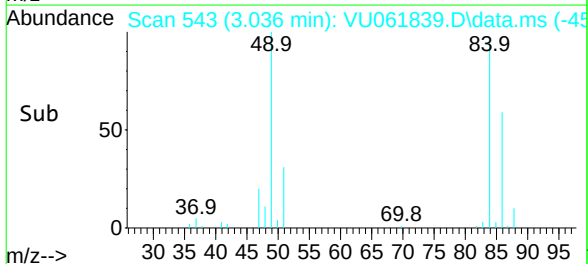
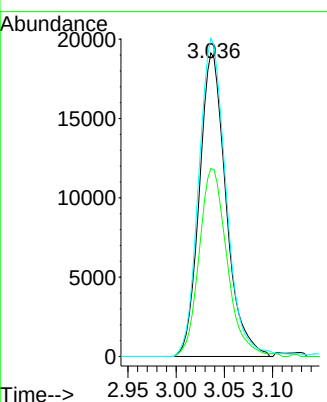
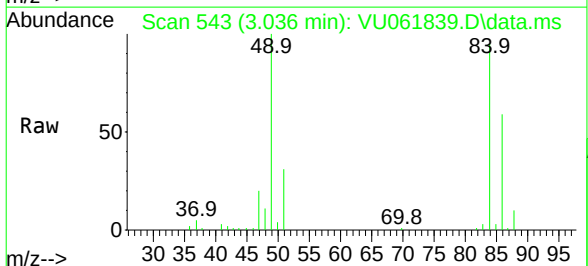




#16
Methylene chloride
Concen: 3.206 ug/L
RT: 3.036 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU061839.D
Acq: 19 Nov 2024 03:02

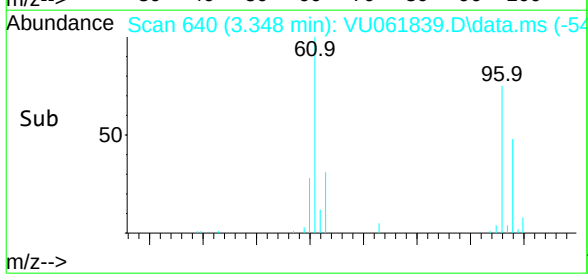
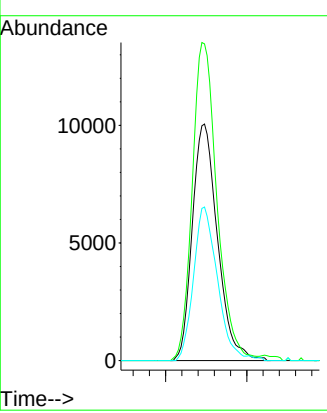
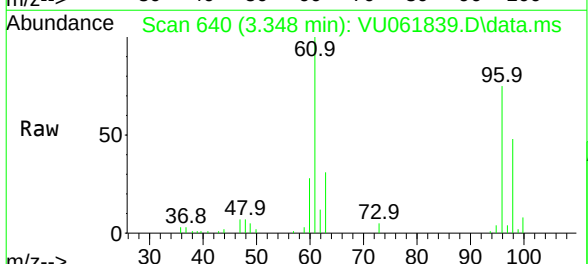
Instrument :
MSVOA_U
ClientSampleId :
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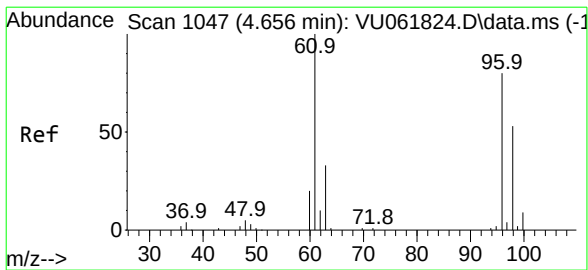
Tgt Ion:	84	Resp:	36769
Ion	Ratio	Lower	Upper
84	100		
86	61.9	45.1	83.7
49	104.8	76.3	141.7



#18
trans-1,2-Dichloroethene
Concen: 1.986 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU061839.D
Acq: 19 Nov 2024 03:02

Tgt Ion:	96	Resp:	21675
Ion	Ratio	Lower	Upper
96	100		
61	133.9	94.1	174.8
98	64.9	43.2	80.2

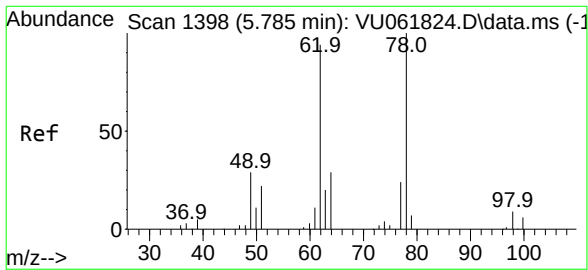
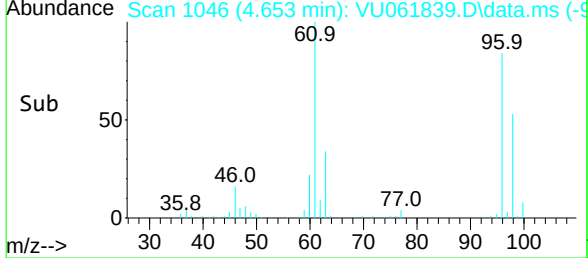
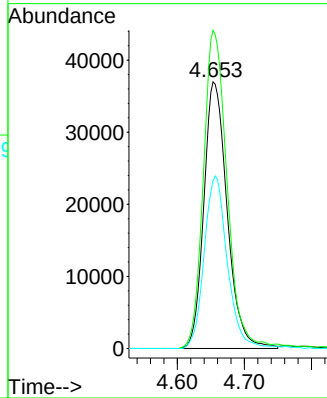
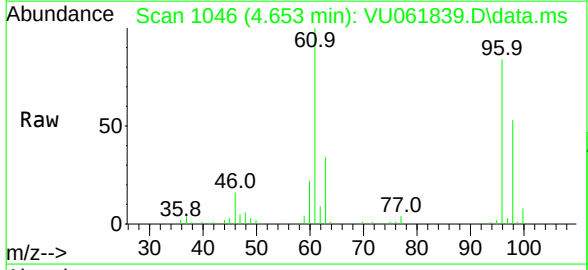




#22
 cis-1,2-Dichloroethene
 Concen: 7.268 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU061839.D
 Acq: 19 Nov 2024 03:02

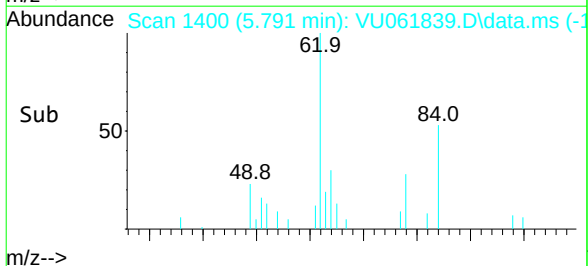
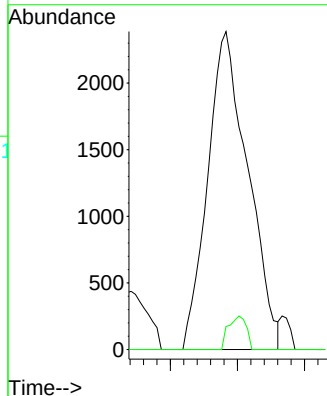
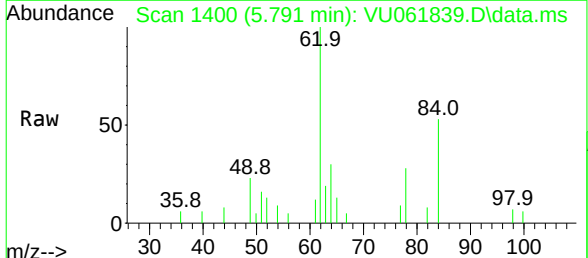
Instrument :
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 ClientSampleId :
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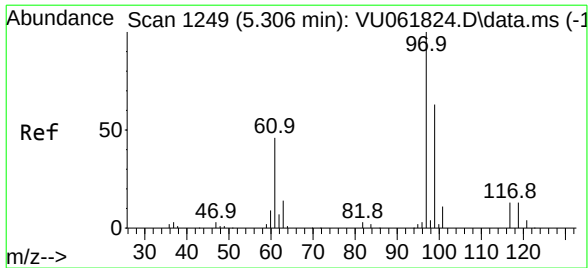
Tgt Ion:	96	Resp:	89474
Ion	Ratio	Lower	Upper
96	100		
61	119.3	85.6	159.0
98	62.8	45.6	84.8



#27
 1,2-Dichloroethane
 Concen: 0.378 ug/L
 RT: 5.791 min Scan# 1400
 Delta R.T. 0.007 min
 Lab File: VU061839.D
 Acq: 19 Nov 2024 03:02

Tgt Ion:	62	Resp:	4973
Ion	Ratio	Lower	Upper
62	100		
98	7.2	7.7	11.5#

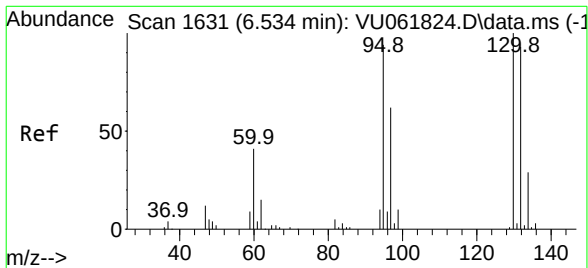
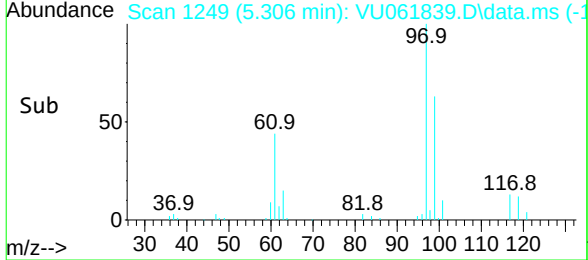
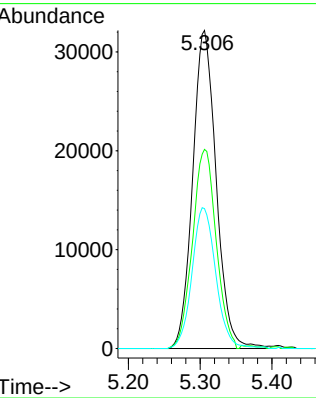
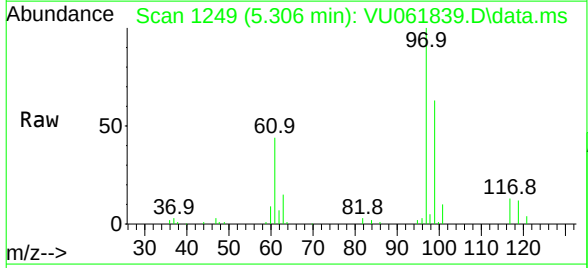




#29
 1,1,1-Trichloroethane
 Concen: 4.087 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. 0.000 min
 Lab File: VU061839.D
 Acq: 19 Nov 2024 03:02

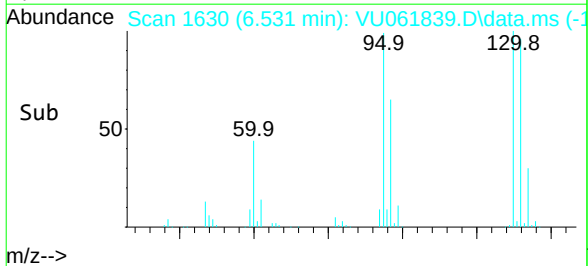
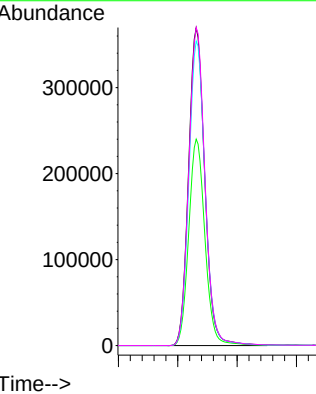
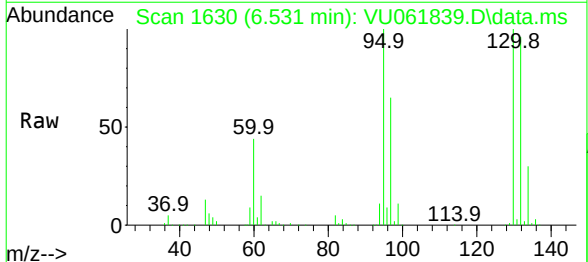
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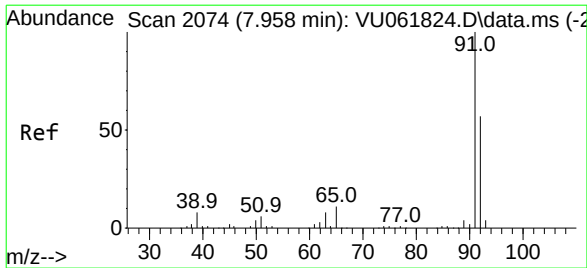
Tgt Ion:	97	Resp:	73348
Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.7	77.5
61	44.7	35.4	53.0



#34
 Trichloroethene
 Concen: 54.494 ug/L
 RT: 6.531 min Scan# 1630
 Delta R.T. -0.003 min
 Lab File: VU061839.D
 Acq: 19 Nov 2024 03:02

Tgt Ion:	95	Resp:	702349
Ion	Ratio	Lower	Upper
95	100		
97	65.0	43.5	80.9
132	95.9	65.2	121.0
130	100.1	67.5	125.3





#42

Toluene

Concen: 1.136 ug/L

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU061839.D

Acq: 19 Nov 2024 03:02

Instrument :

MSVOA_U

ClientSampleId :

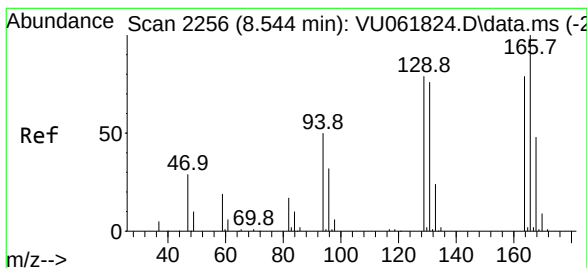
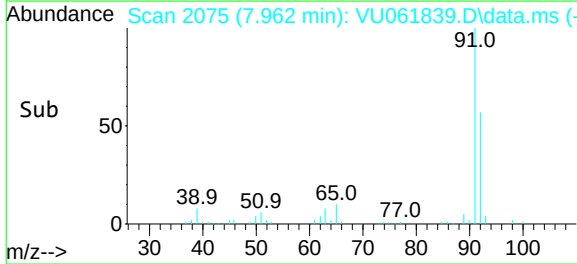
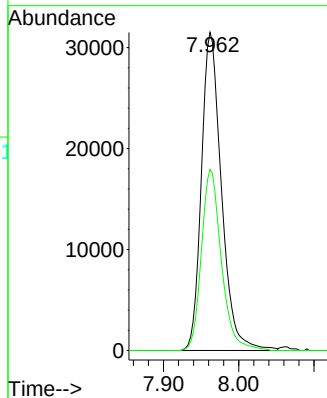
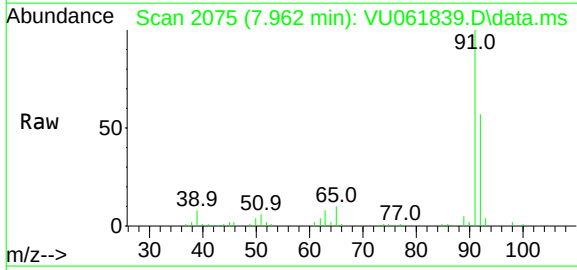
BG3Q6

Tgt Ion: 91 Resp: 58369

Ion Ratio Lower Upper

91 100

92 57.0 39.7 73.7



#47

Tetrachloroethene

Concen: 15.059 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU061839.D

Acq: 19 Nov 2024 03:02

Tgt Ion: 164 Resp: 145849

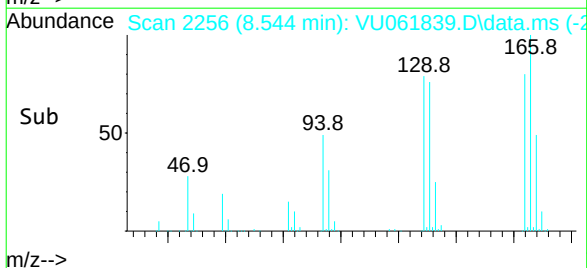
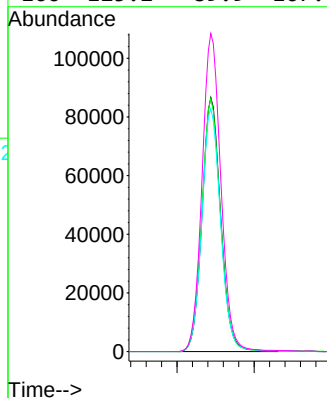
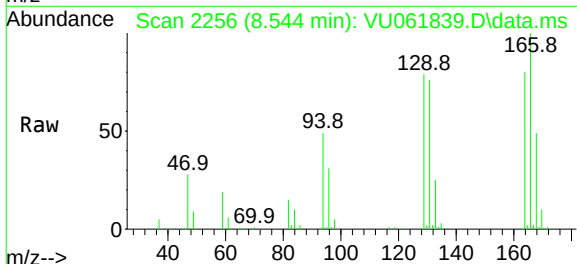
Ion Ratio Lower Upper

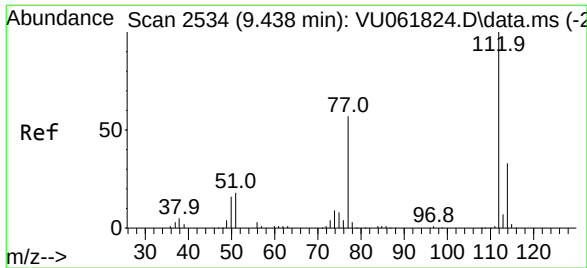
164 100

129 99.5 71.7 133.3

131 95.6 68.2 126.6

166 125.2 89.9 167.0





#51

Chlorobenzene

Concen: 1.147 ug/L

RT: 9.441 min Scan# 2534

Delta R.T. 0.003 min

Lab File: VU061839.D

Acq: 19 Nov 2024 03:02

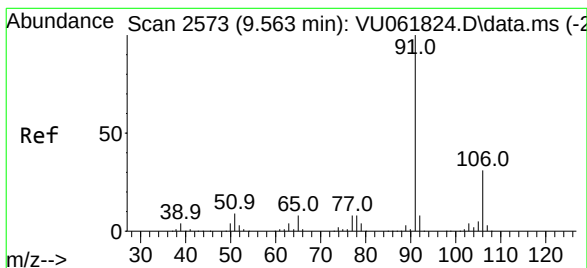
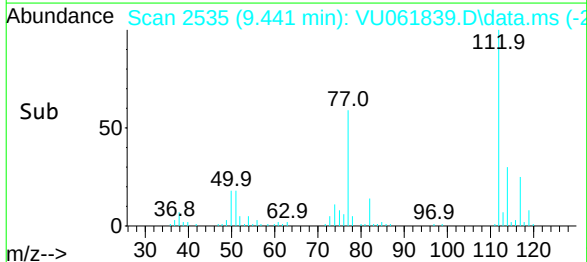
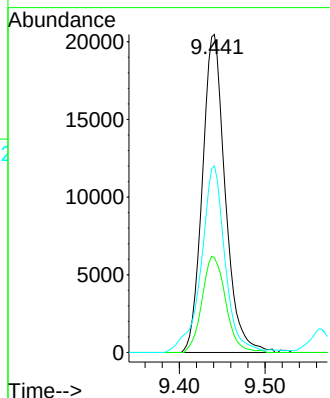
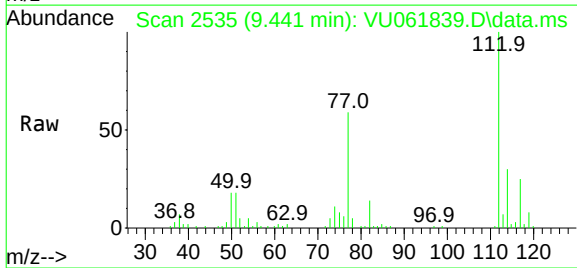
Instrument :

MSVOA_U

ClientSampleId :

BG3Q6

Tgt Ion:	112	Resp:	37939
Ion	Ratio	Lower	Upper
112	100		
114	29.8	22.5	41.9
77	58.7	45.3	67.9



#52

Ethylbenzene

Concen: 0.483 ug/L

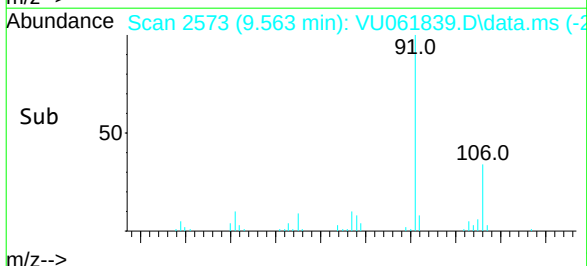
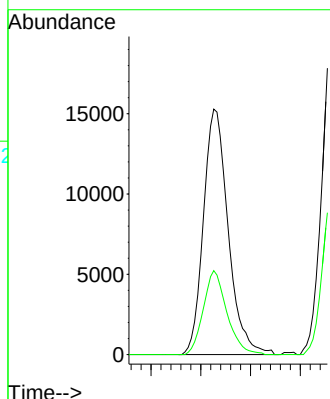
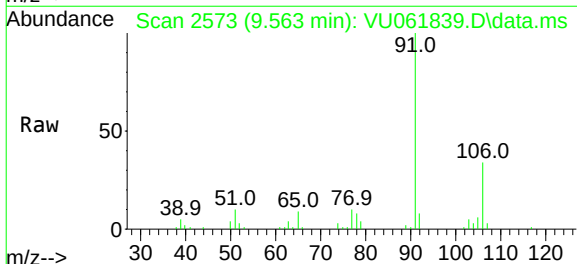
RT: 9.563 min Scan# 2573

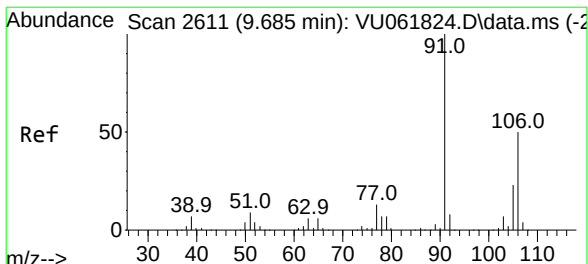
Delta R.T. 0.000 min

Lab File: VU061839.D

Acq: 19 Nov 2024 03:02

Tgt Ion:	91	Resp:	26430
Ion	Ratio	Lower	Upper
91	100		
106	34.2	21.7	40.3

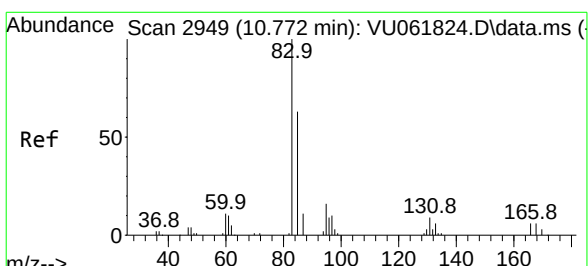
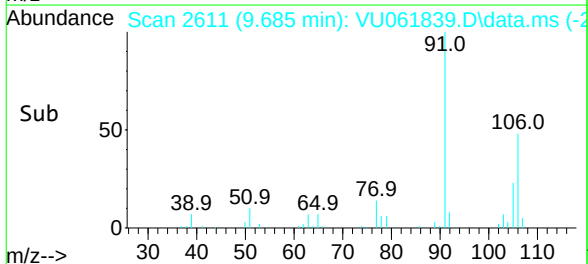
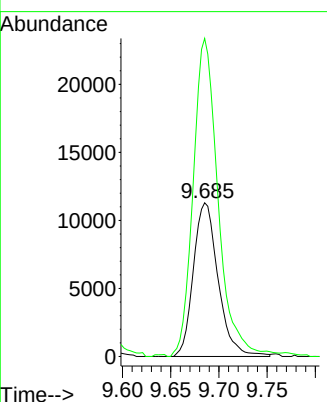
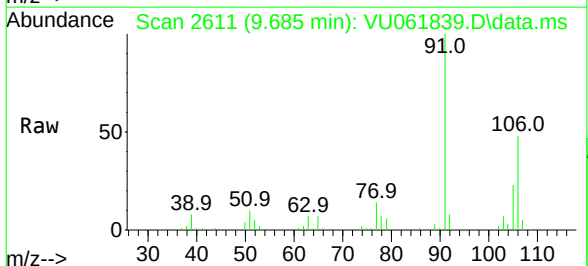




#53
m,p-Xylene
Concen: 0.963 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU061839.D
Acq: 19 Nov 2024 03:02

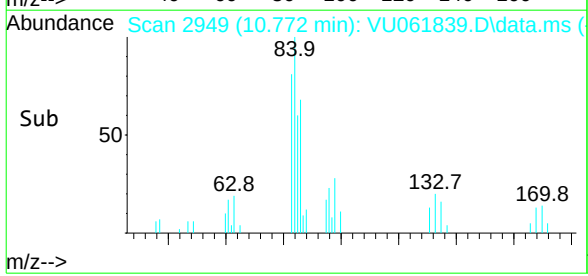
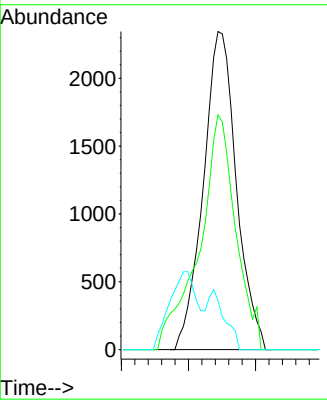
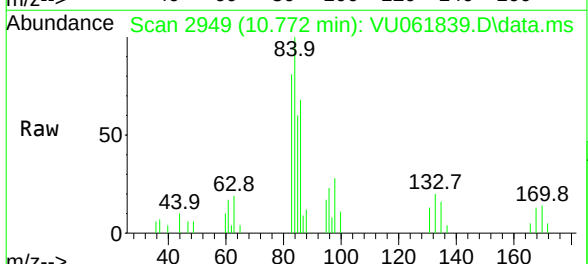
Instrument :
MSVOA_U
ClientSampleId :
BG3Q6

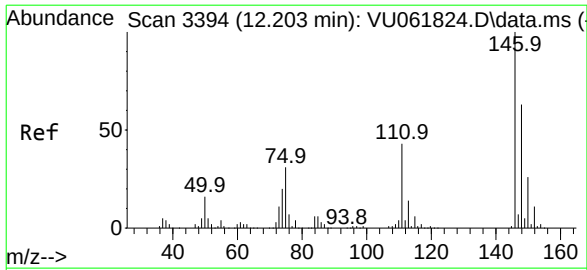
Tgt Ion:	106	Resp:	20176
Ion	Ratio	Lower	Upper
106	100		
91	206.9	140.4	260.8



#57
1,1,2,2-Tetrachloroethane
Concen: 0.374 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU061839.D
Acq: 19 Nov 2024 03:02

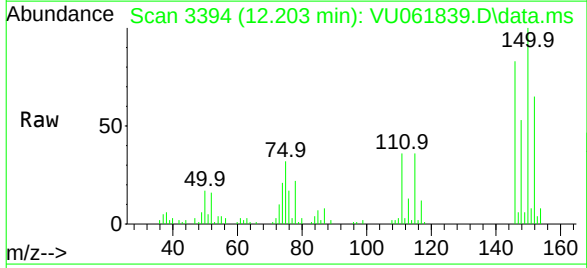
Tgt Ion:	83	Resp:	4014
Ion	Ratio	Lower	Upper
83	100		
85	73.8	41.9	77.9
131	15.4	7.8	11.6





#67
 1,2-Dichlorobenzene
 Concen: 1.148 ug/L
 RT: 12.203 min Scan# 33
 Delta R.T. 0.000 min
 Lab File: VU061839.D
 Acq: 19 Nov 2024 03:02

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3Q6



Tgt Ion:	146	Resp:	23391
Ion	Ratio	Lower	Upper
146	100		
111	43.1	35.2	52.8
148	64.3	52.6	79.0

