

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111824\
 Data File : VU061840.D
 Acq On : 19 Nov 2024 03:27
 Operator : MD/SY
 Sample : P4885-11
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3Q7

Quant Time: Nov 19 04:37:31 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	166081	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	159139	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	68791	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	34924	3.255	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.000%
7) Chloroethane-d5	1.907	69	33776	3.687	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.560	65	16309	3.387	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.800%
20) 2-Butanone-d5	4.611	46	107589	47.238	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.480%
24) Chloroform-d	5.052	84	93246	4.372	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.692	65	49209	4.808	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.717	84	185648	4.217	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	6.682	67	59271	4.565	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.891	98	163135	3.975	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	8.174	79	20794	4.348	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.621	63	99965	52.891	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.780%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	48405	4.729	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	56784	4.635	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.380	85	1603	0.130	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	7665	0.714	ug/L	98
16) Methylene chloride	3.036	84	19156	1.658	ug/L	94
18) trans-1,2-Dichloroethene	3.345	96	48305	4.393	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	38660	3.117	ug/L	98
27) 1,2-Dichloroethane	5.791	62	2720	0.205	ug/L #	93
29) 1,1,1-Trichloroethane	5.306	97	50434	2.785	ug/L	98
34) Trichloroethene	6.534	95	233037	17.919	ug/L	99
42) Toluene	7.965	91	45136	0.870	ug/L	98
47) Tetrachloroethene	8.544	164	182777	18.704	ug/L	97
51) Chlorobenzene	9.438	112	18169	0.544	ug/L	96
52) Ethylbenzene	9.566	91	16772	0.304	ug/L	97
53) m,p-Xylene	9.685	106	12188	0.577	ug/L	100
54) o-Xylene	10.093	106	2292	0.112	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.772	83	1934	0.178	ug/L #	96
67) 1,2-Dichlorobenzene	12.206	146	12679	0.623	ug/L	93

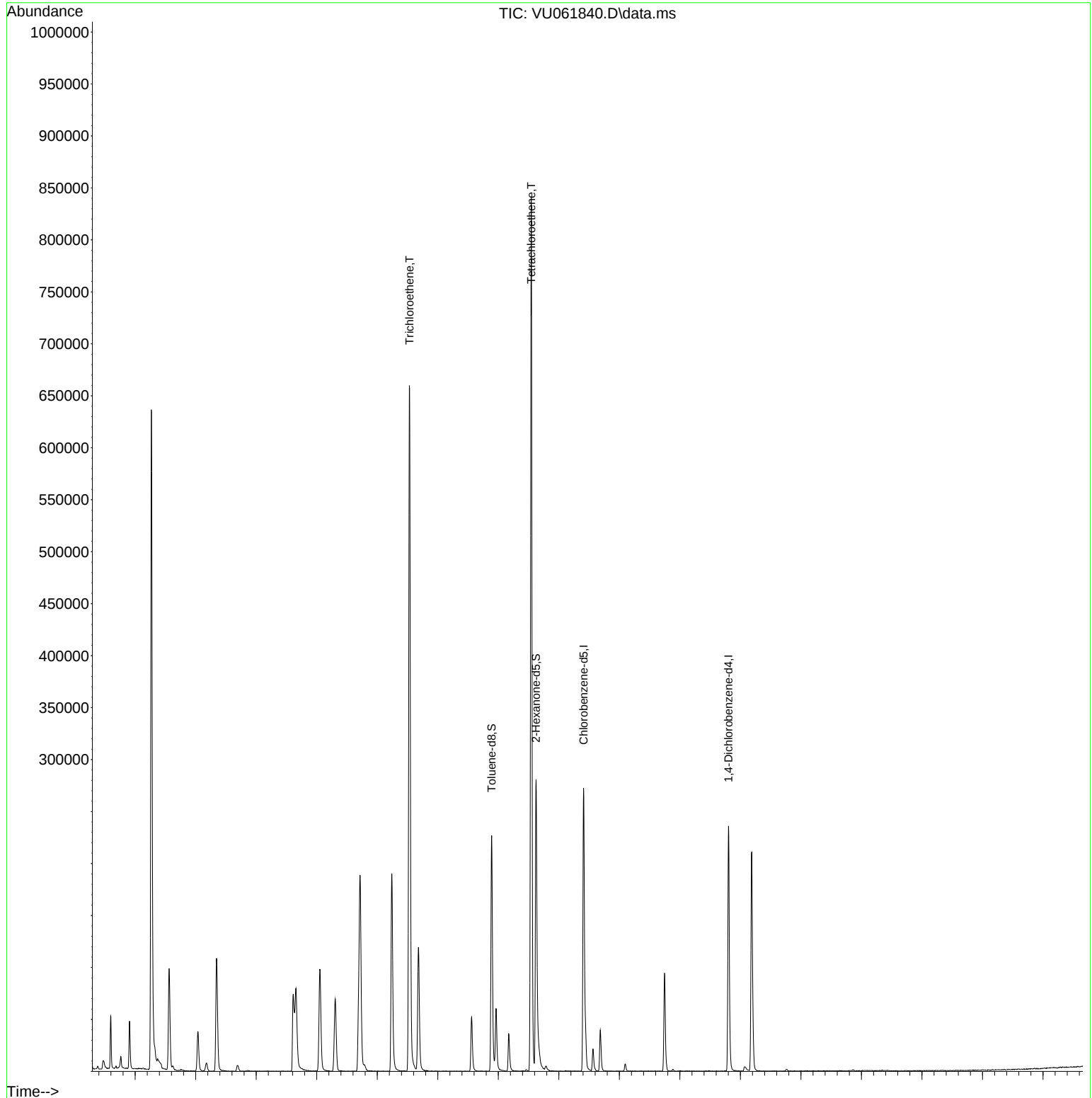
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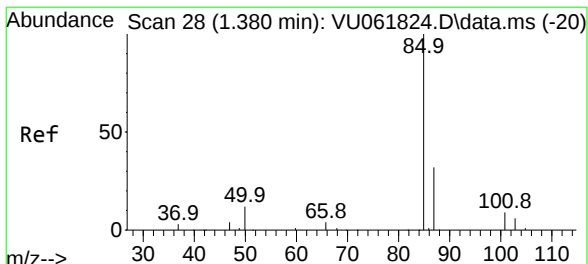
Instrument :
MSVOA_U
ClientSampleId :
BG3Q7

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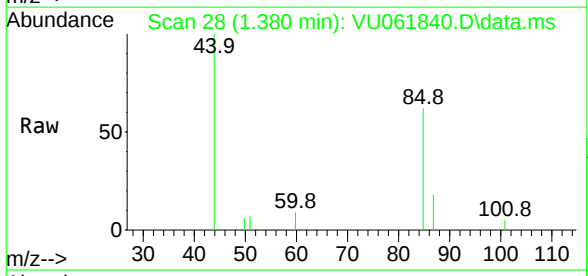
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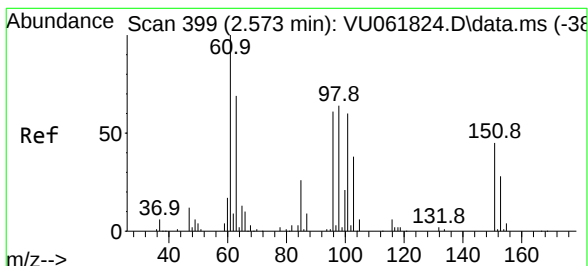
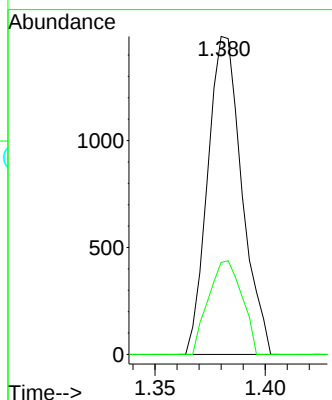
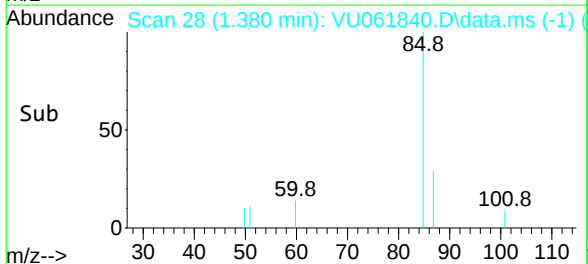


#2
 Dichlorodifluoromethane
 Concen: 0.130 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VU061840.D
 Acq: 19 Nov 2024 03:27

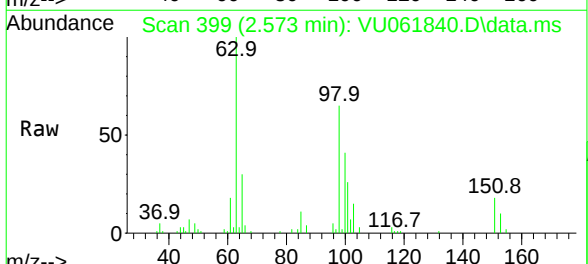
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 ClientSampleId :
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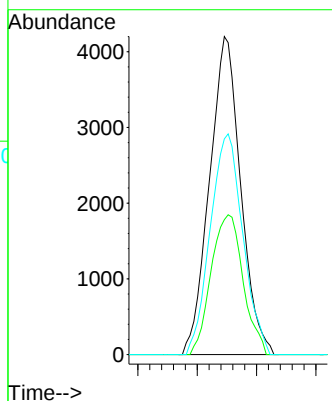
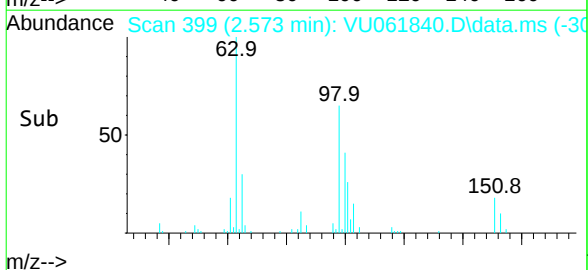
Tgt Ion: 85 Resp: 1603
 Ion Ratio Lower Upper
 85 100
 87 28.9 26.0 39.0

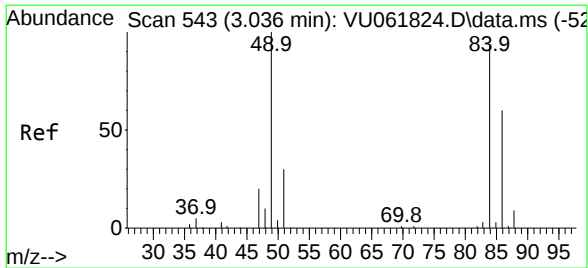


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.714 ug/L
 RT: 2.573 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VU061840.D
 Acq: 19 Nov 2024 03:27



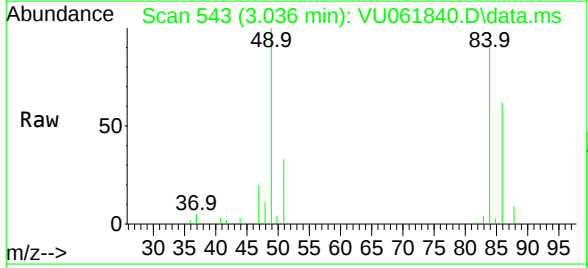
Tgt Ion: 101 Resp: 7665
 Ion Ratio Lower Upper
 101 100
 85 45.1 35.1 52.7
 151 72.5 56.9 85.3



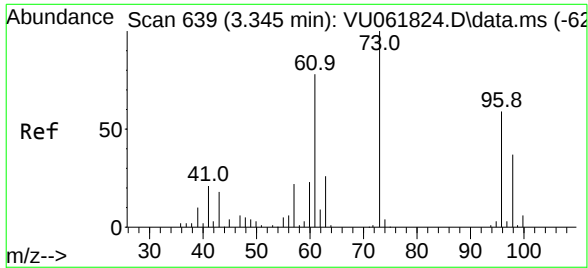
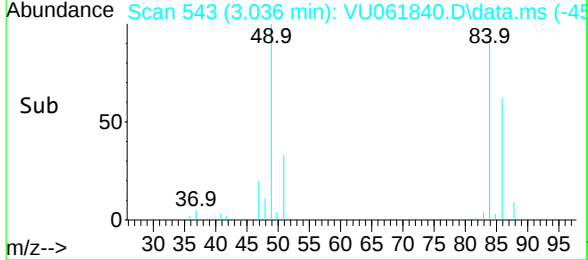
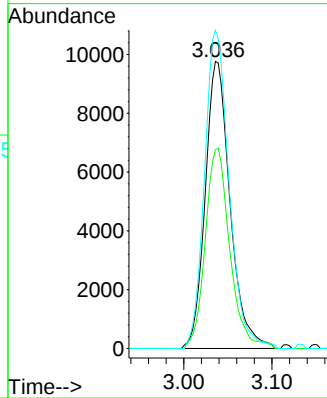


#16
Methylene chloride
Concen: 1.658 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU061840.D
Acq: 19 Nov 2024 03:27

Instrument :
MSVOA_U
ClientSampleId :
BG3Q7

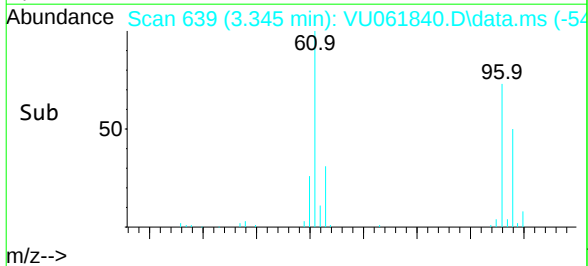
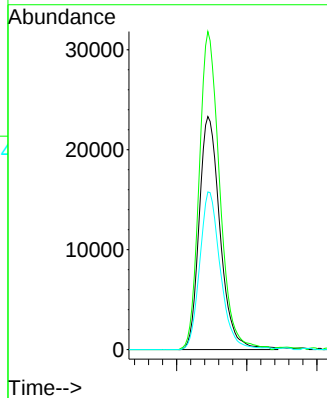
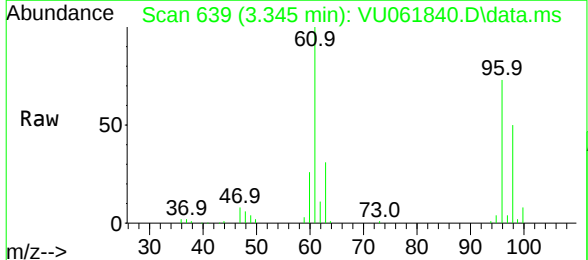


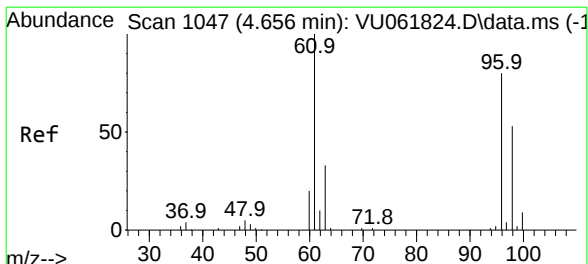
Tgt Ion	Ratio	Lower	Upper
84	100		
86	69.2	45.1	83.7
49	115.5	76.3	141.7



#18
trans-1,2-Dichloroethene
Concen: 4.393 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU061840.D
Acq: 19 Nov 2024 03:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	136.5	94.1	174.8
98	67.7	43.2	80.2

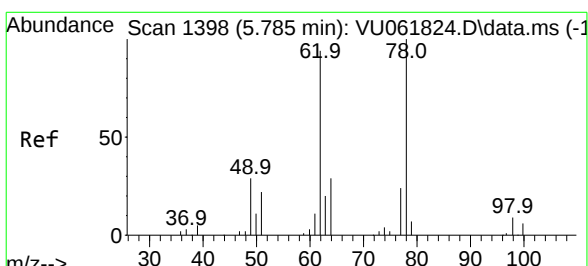
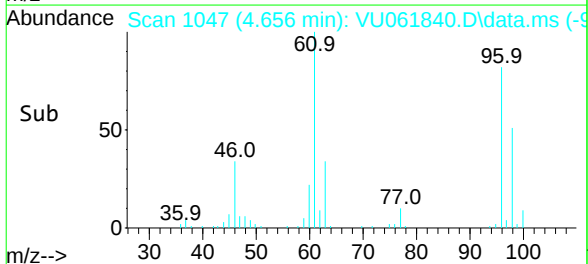
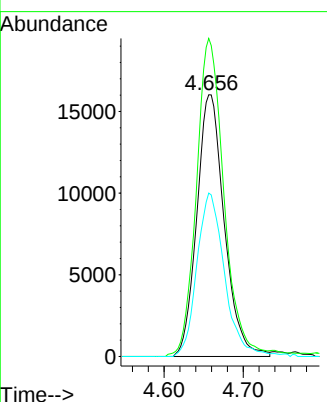
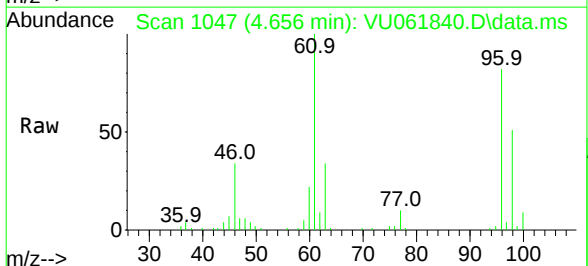




#22
 cis-1,2-Dichloroethene
 Concen: 3.117 ug/L
 RT: 4.656 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: VU061840.D
 Acq: 19 Nov 2024 03:27

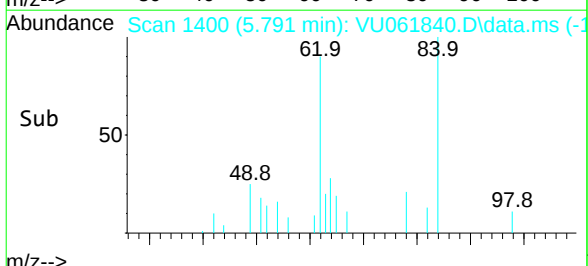
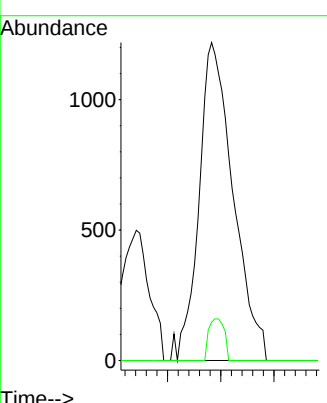
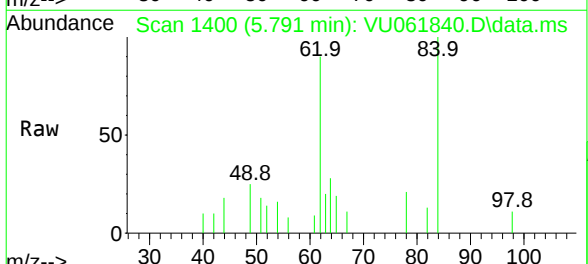
Instrument :
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 ClientSampleId :
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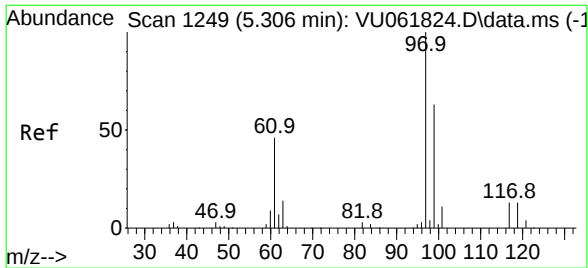
Tgt Ion:	96	Resp:	38660
Ion	Ratio	Lower	Upper
96	100		
61	121.5	85.6	159.0
98	62.4	45.6	84.8



#27
 1,2-Dichloroethane
 Concen: 0.205 ug/L
 RT: 5.791 min Scan# 1400
 Delta R.T. 0.006 min
 Lab File: VU061840.D
 Acq: 19 Nov 2024 03:27

Tgt Ion:	62	Resp:	2720
Ion	Ratio	Lower	Upper
62	100		
98	12.1	7.7	11.5

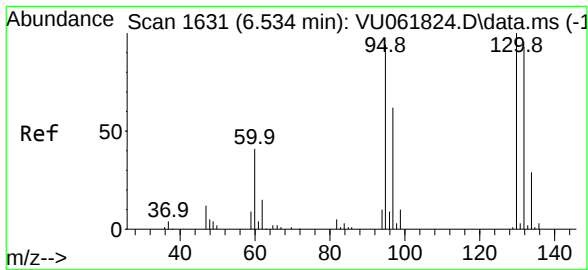
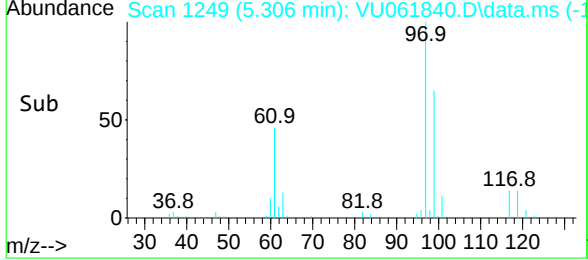
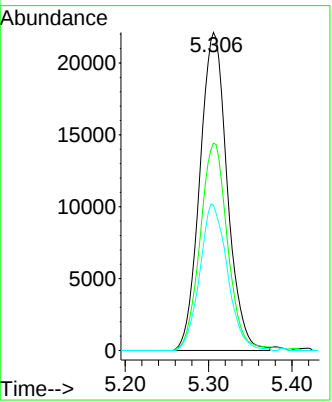
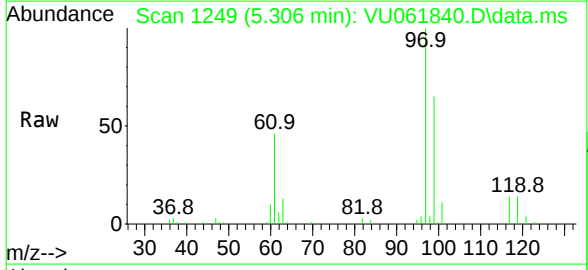




#29
 1,1,1-Trichloroethane
 Concen: 2.785 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. 0.000 min
 Lab File: VU061840.D
 Acq: 19 Nov 2024 03:27

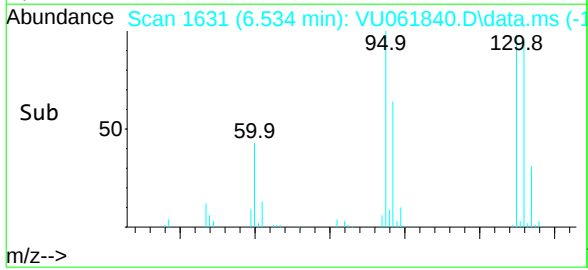
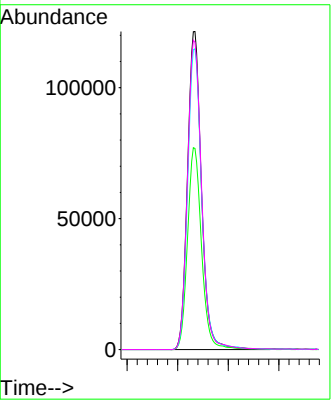
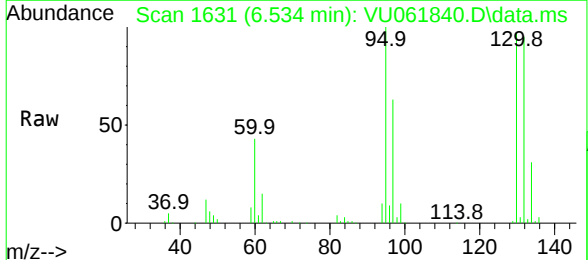
Instrument :
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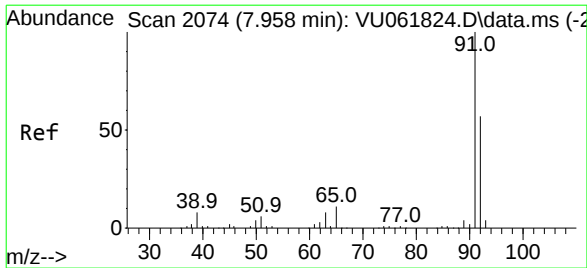
Tgt Ion:	97	Resp:	50434
Ion	Ratio	Lower	Upper
97	100		
99	65.6	51.7	77.5
61	46.6	35.4	53.0



#34
 Trichloroethene
 Concen: 17.919 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. 0.000 min
 Lab File: VU061840.D
 Acq: 19 Nov 2024 03:27

Tgt Ion:	95	Resp:	233037
Ion	Ratio	Lower	Upper
95	100		
97	63.3	43.5	80.9
132	94.6	65.2	121.0
130	96.6	67.5	125.3





#42

Toluene

Concen: 0.870 ug/L

RT: 7.965 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VU061840.D

Acq: 19 Nov 2024 03:27

Instrument :

MSVOA_U

ClientSampleId :

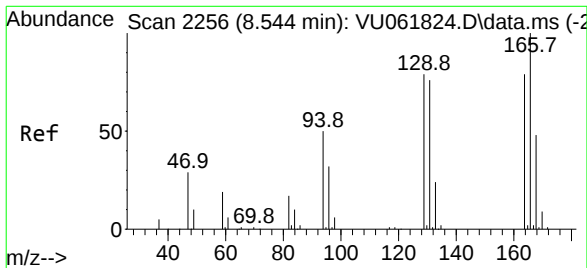
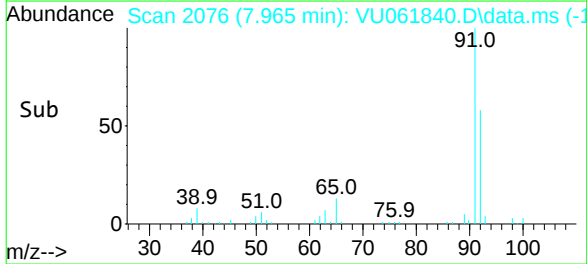
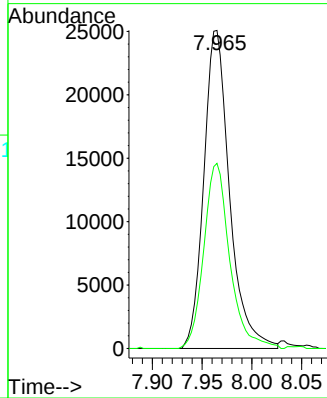
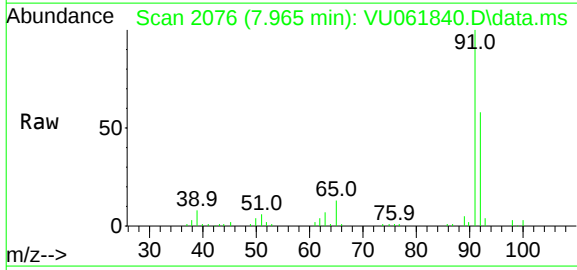
BG3Q7

Tgt Ion: 91 Resp: 45136

Ion Ratio Lower Upper

91 100

92 58.2 39.7 73.7



#47

Tetrachloroethene

Concen: 18.704 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU061840.D

Acq: 19 Nov 2024 03:27

Tgt Ion: 164 Resp: 182777

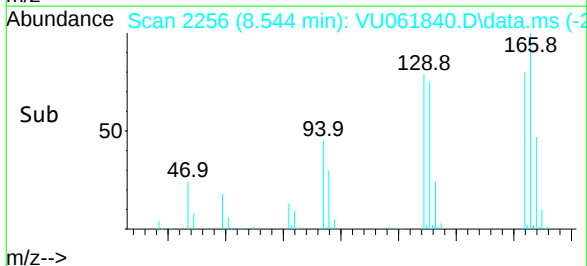
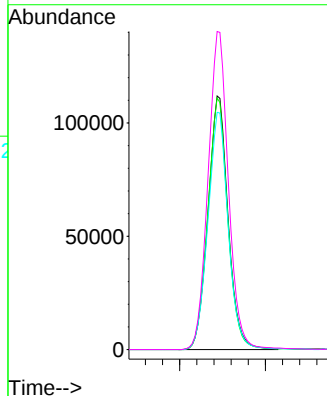
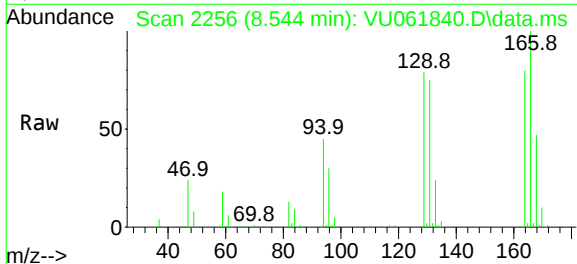
Ion Ratio Lower Upper

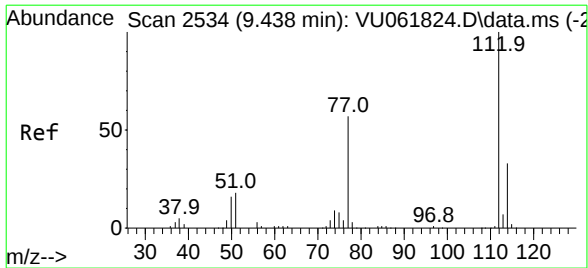
164 100

129 99.2 71.7 133.3

131 93.6 68.2 126.6

166 125.4 89.9 167.0

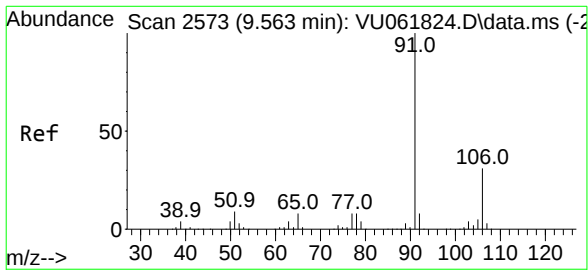
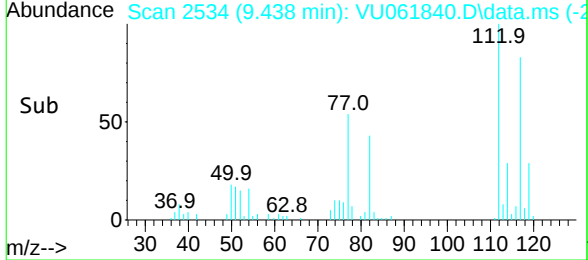
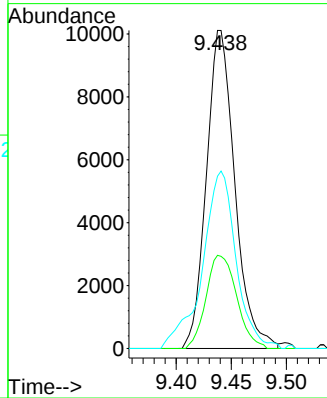
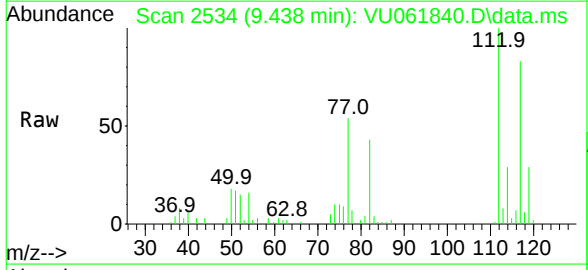




#51
Chlorobenzene
Concen: 0.544 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU061840.D
Acq: 19 Nov 2024 03:27

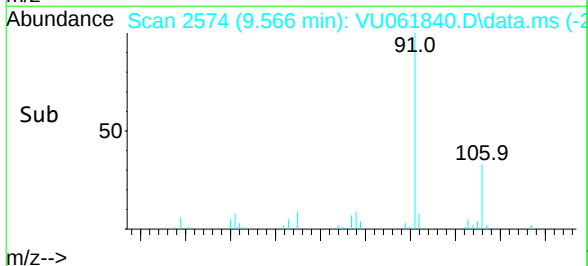
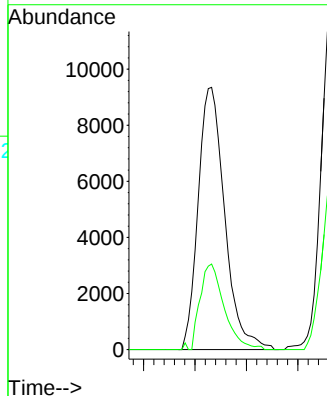
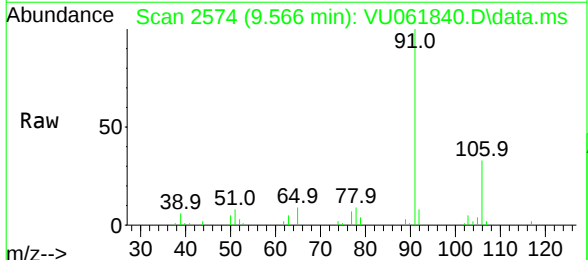
Instrument :
MSVOA_U
ClientSampleId :
BG3Q7

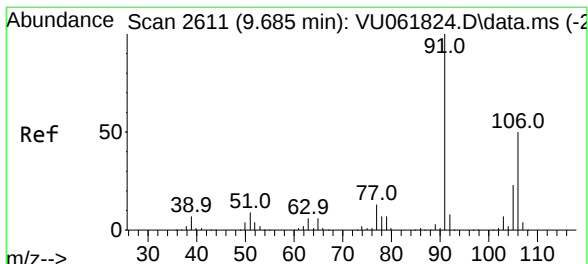
Tgt Ion:	112	Resp:	18169
Ion	Ratio	Lower	Upper
112	100		
114	29.3	22.5	41.9
77	54.2	45.3	67.9



#52
Ethylbenzene
Concen: 0.304 ug/L
RT: 9.566 min Scan# 2574
Delta R.T. 0.003 min
Lab File: VU061840.D
Acq: 19 Nov 2024 03:27

Tgt Ion:	91	Resp:	16772
Ion	Ratio	Lower	Upper
91	100		
106	32.6	21.7	40.3

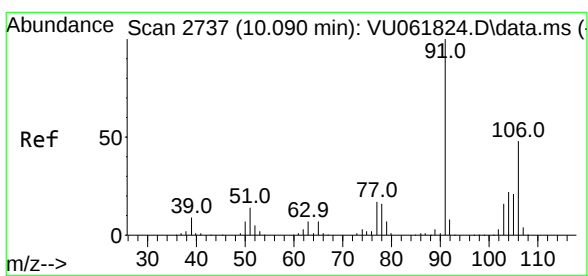
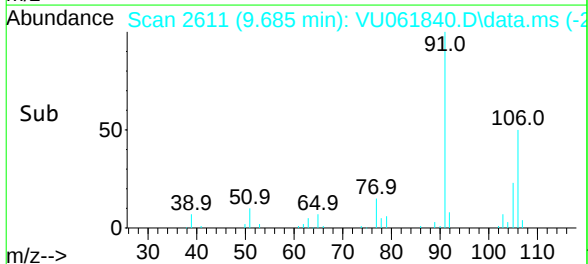
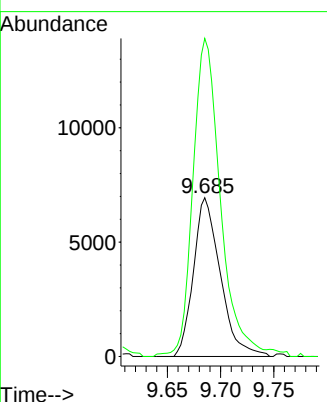
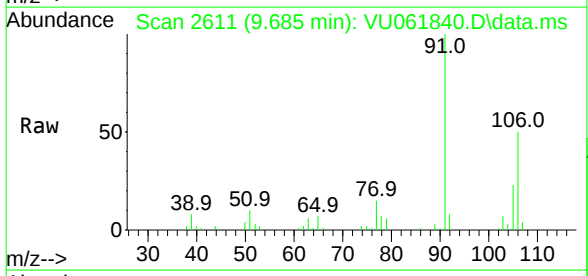




#53
 m,p-Xylene
 Concen: 0.577 ug/L
 RT: 9.685 min Scan# 2611
 Delta R.T. 0.000 min
 Lab File: VU061840.D
 Acq: 19 Nov 2024 03:27

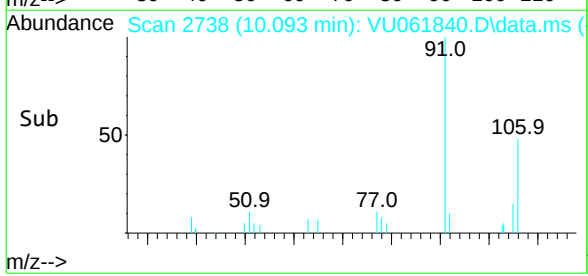
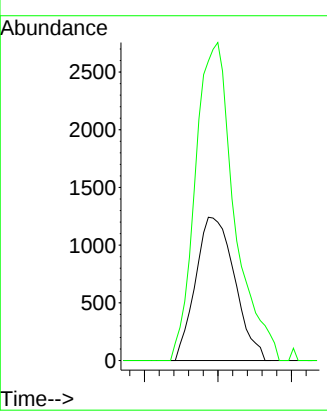
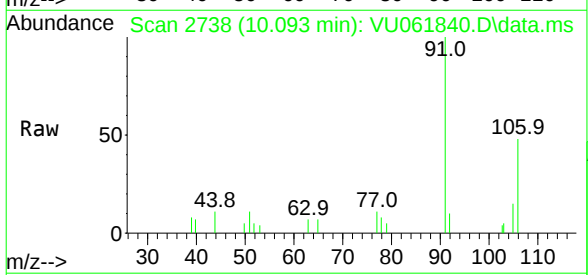
Instrument :
 MSVOA_U
 ClientSampleId :
 BG3Q7

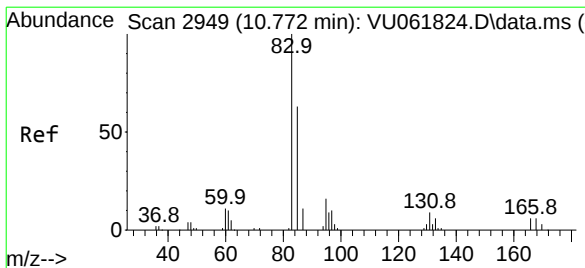
Tgt Ion:	106	Resp:	12188
Ion Ratio	Lower	Upper	
106	100		
91	200.4	140.4	260.8



#54
 o-Xylene
 Concen: 0.112 ug/L
 RT: 10.093 min Scan# 2738
 Delta R.T. 0.003 min
 Lab File: VU061840.D
 Acq: 19 Nov 2024 03:27

Tgt Ion:	106	Resp:	2292
Ion Ratio	Lower	Upper	
106	100		
91	208.9	151.3	280.9





#57

1,1,2,2-Tetrachloroethane

Concen: 0.178 ug/L

RT: 10.772 min Scan# 29

Delta R.T. 0.000 min

Lab File: VU061840.D

Acq: 19 Nov 2024 03:27

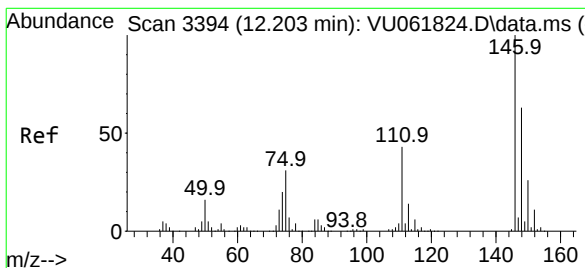
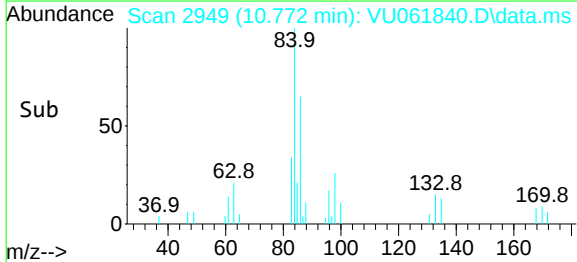
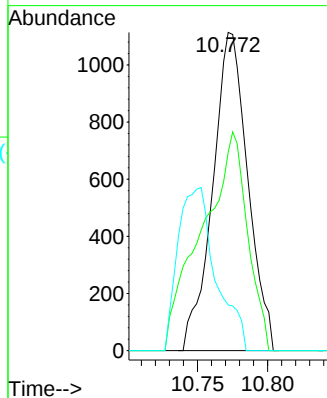
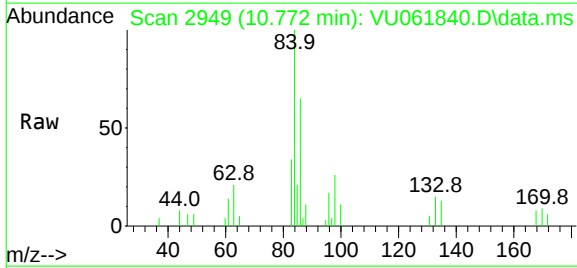
Instrument :

MSVOA_U

ClientSampleId :

BG3Q7

Tgt Ion:	83	Resp:	1934
Ion	Ratio	Lower	Upper
83	100		
85	62.3	41.9	77.9
131	14.4	7.8	11.6



#67

1,2-Dichlorobenzene

Concen: 0.623 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU061840.D

Acq: 19 Nov 2024 03:27

Tgt Ion:	146	Resp:	12679
Ion	Ratio	Lower	Upper
146	100		
111	40.5	35.2	52.8
148	58.9	52.6	79.0

