

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111824\
 Data File : VU061833.D
 Acq On : 19 Nov 2024 00:34
 Operator : MD/SY
 Sample : P4885-03
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 03:40:55 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)

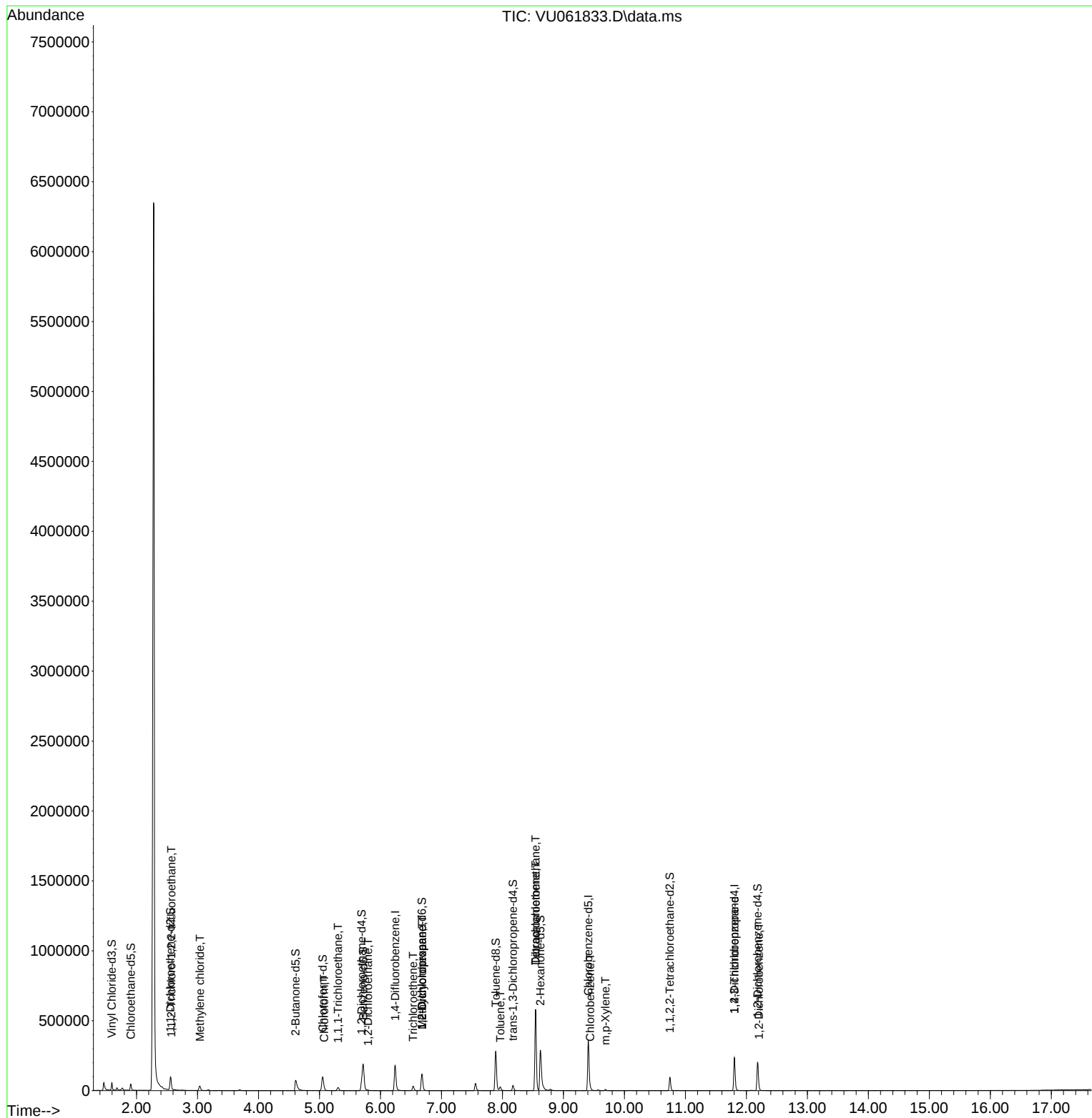
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	161959	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	204496	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	66030	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	35590	3.401	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.000%
7) Chloroethane-d5	1.907	69	34800	3.895	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.557	65	17027	3.627	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	4.608	46	110127	49.583	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.160%
24) Chloroform-d	5.052	84	92917	4.467	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.692	65	48372	4.846	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.718	84	186102	3.290	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.800%#
36) 1,2-Dichloropropane-d6	6.679	67	59855	3.587	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.800%
41) Toluene-d8	7.891	98	204793	3.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.174	79	22578	3.674	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.400%
46) 2-Hexanone-d5	8.621	63	113203	46.611	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.220%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	48772	3.708	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	56664	4.818	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	2214	0.211	ug/L #	87
16) Methylene chloride	3.039	84	16786	1.490	ug/L	99
25) Chloroform	5.078	83	4561	0.221	ug/L	94
27) 1,2-Dichloroethane	5.795	62	2229	0.172	ug/L #	74
29) 1,1,1-Trichloroethane	5.306	97	16466	0.708	ug/L	98
34) Trichloroethene	6.534	95	11889	0.711	ug/L	98
35) Methylcyclohexane	6.682	83	13284	0.527	ug/L #	22
37) 1,2-Dichloropropane	6.682	63	6326	0.403	ug/L #	89
42) Toluene	7.965	91	19489	0.292	ug/L	99
47) Tetrachloroethene	8.544	164	127914	10.186	ug/L	98
49) Dibromochloromethane	8.544	129	126800	10.565	ug/L #	10
51) Chlorobenzene	9.441	112	9349	0.218	ug/L	93
53) m,p-Xylene	9.688	106	2944	0.108	ug/L	85
61) 1,2,3-Trichloropropane	11.804	75	7640	1.228	ug/L #	64
67) 1,2-Dichlorobenzene	12.206	146	2491	0.128	ug/L	92

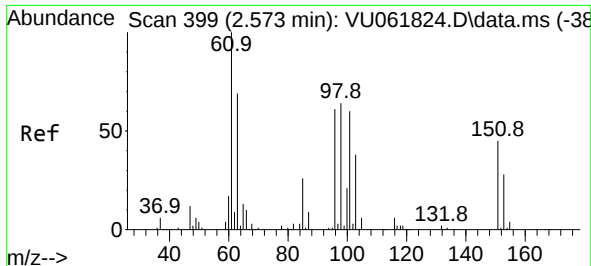
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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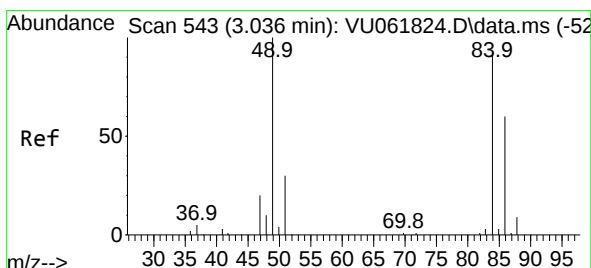
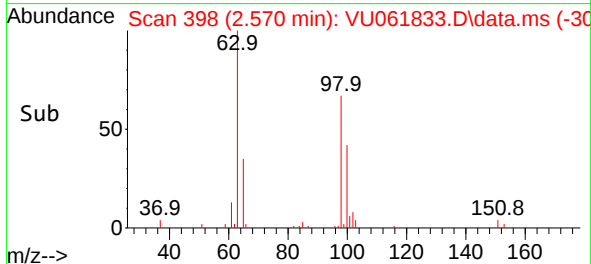
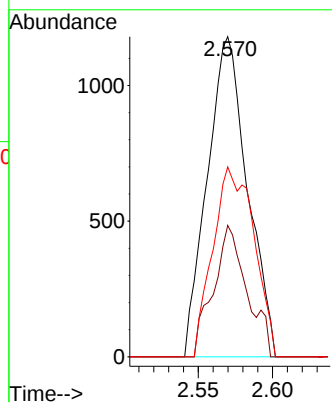
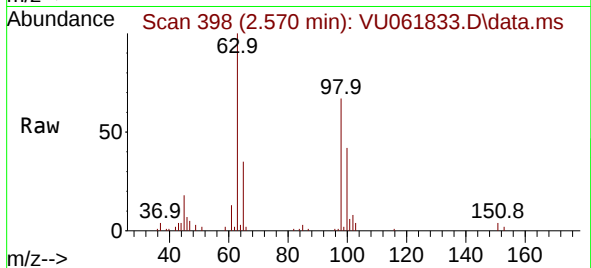




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.211 ug/L
RT: 2.570 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU061833.D
Acq: 19 Nov 2024 00:34

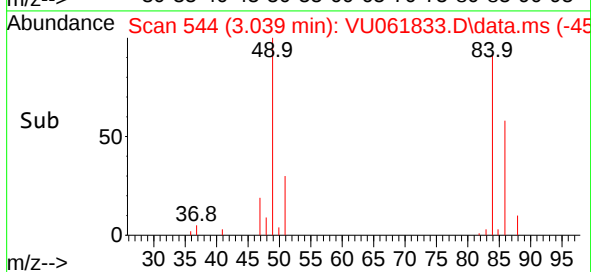
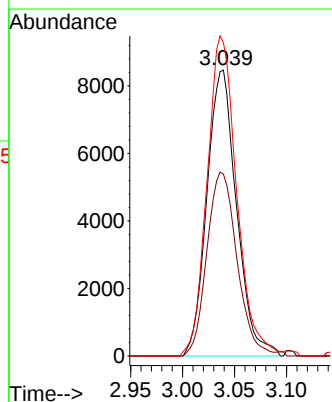
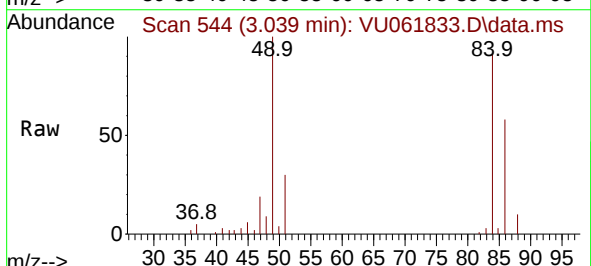
Instrument :
MSVOA_U
ClientSampleId :

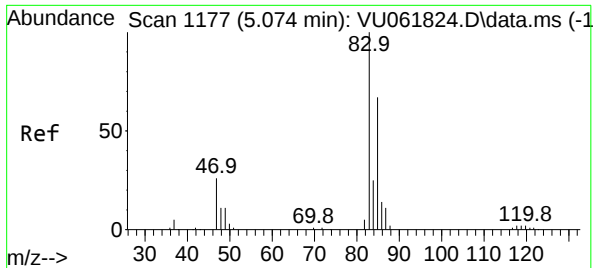
Tgt Ion:101 Resp: 2214
Ion Ratio Lower Upper
101 100
85 34.4 35.1 52.7#
151 61.0 56.9 85.3



#16
Methylene chloride
Concen: 1.490 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU061833.D
Acq: 19 Nov 2024 00:34

Tgt Ion: 84 Resp: 16786
Ion Ratio Lower Upper
84 100
86 63.6 45.1 83.7
49 109.5 76.3 141.7





#25

Chloroform

Concen: 0.221 ug/L

RT: 5.078 min Scan# 1177

Delta R.T. 0.003 min

Lab File: VU061833.D

Acq: 19 Nov 2024 00:34

Instrument :

MSVOA_U

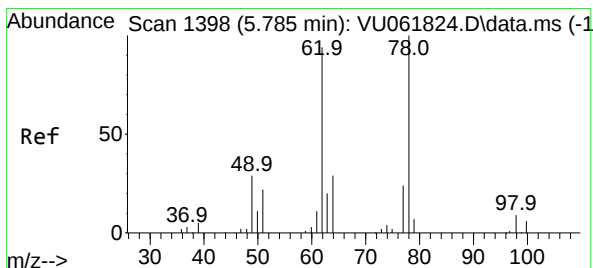
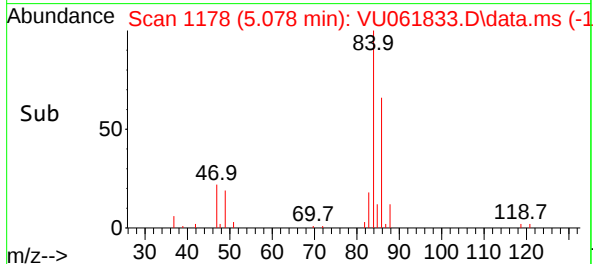
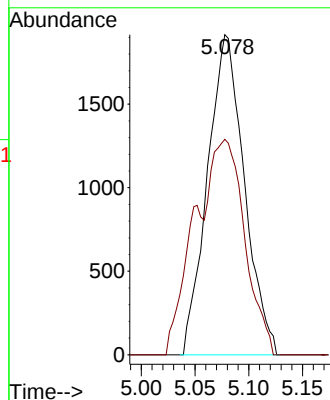
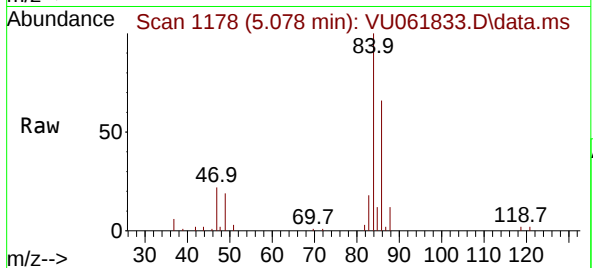
ClientSampleId :

Tgt Ion: 83 Resp: 4561

Ion Ratio Lower Upper

83 100

85 67.3 44.1 81.9



#27

1,2-Dichloroethane

Concen: 0.172 ug/L

RT: 5.795 min Scan# 1401

Delta R.T. 0.010 min

Lab File: VU061833.D

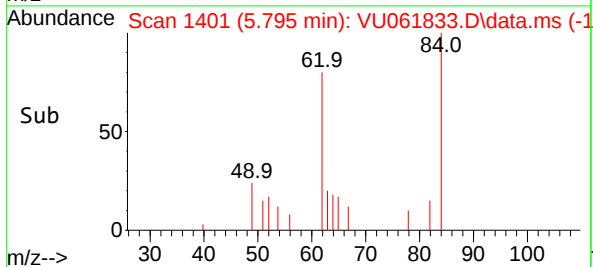
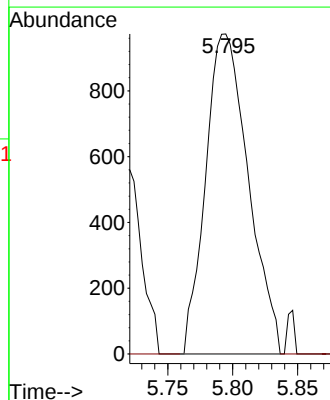
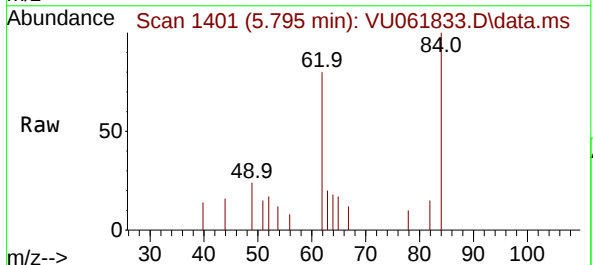
Acq: 19 Nov 2024 00:34

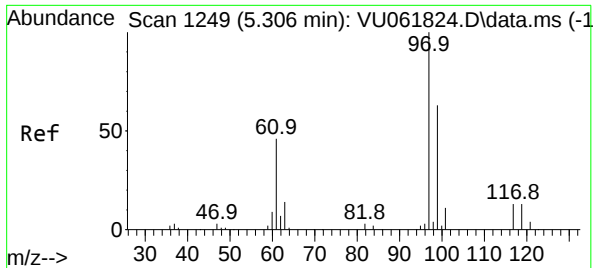
Tgt Ion: 62 Resp: 2229

Ion Ratio Lower Upper

62 100

98 0.0 7.7 11.5#

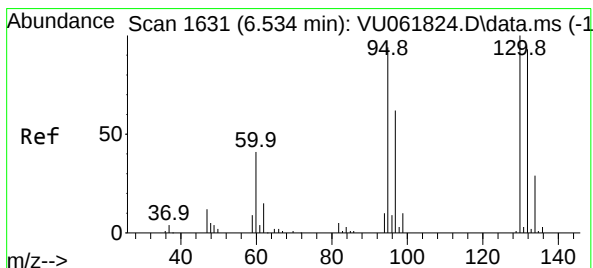
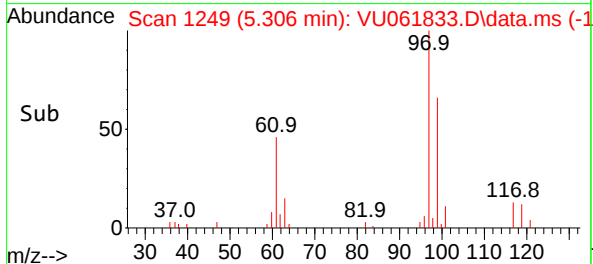
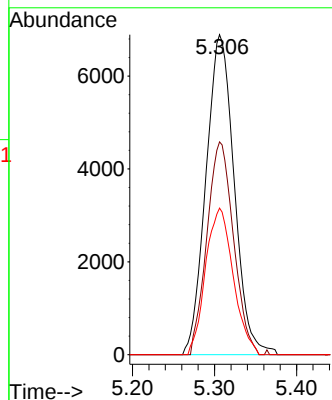
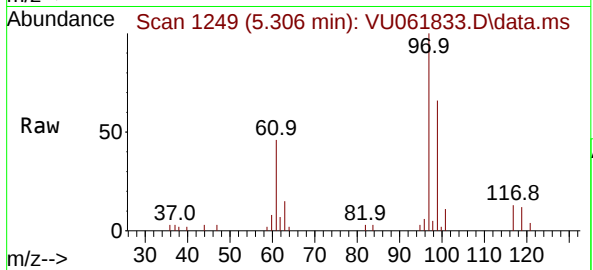




#29
1,1,1-Trichloroethane
Concen: 0.708 ug/L
RT: 5.306 min Scan# 1249
Delta R.T. 0.000 min
Lab File: VU061833.D
Acq: 19 Nov 2024 00:34

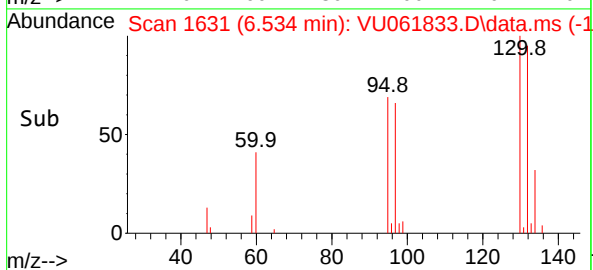
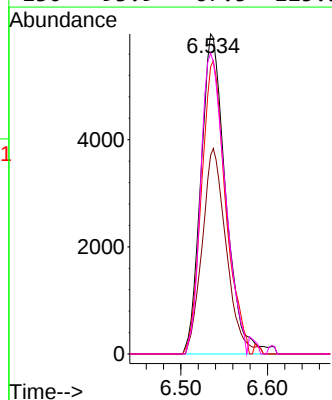
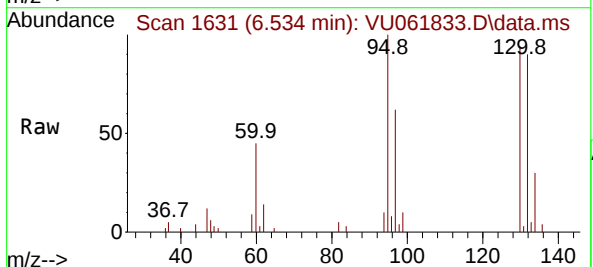
Instrument :
MSVOA_U
ClientSampleId :

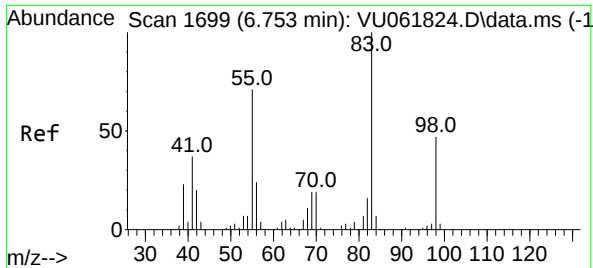
Tgt Ion:	97	Resp:	16466
Ion	Ratio	Lower	Upper
97	100		
99	62.7	51.7	77.5
61	44.8	35.4	53.0



#34
Trichloroethene
Concen: 0.711 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU061833.D
Acq: 19 Nov 2024 00:34

Tgt Ion:	95	Resp:	11889
Ion	Ratio	Lower	Upper
95	100		
97	62.0	43.5	80.9
132	89.7	65.2	121.0
130	93.9	67.5	125.3

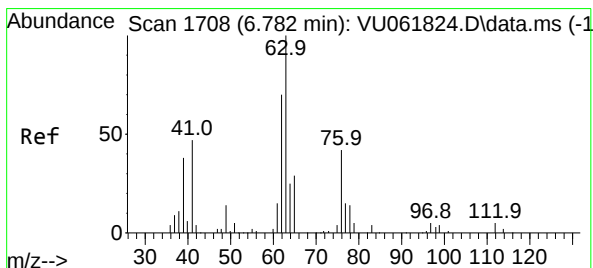
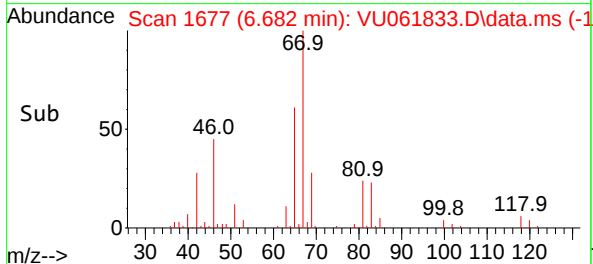
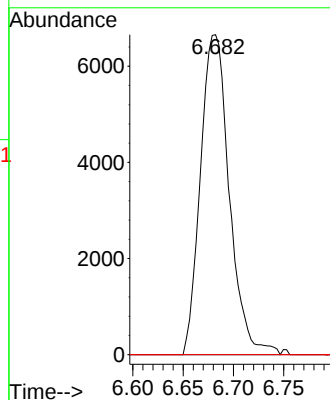
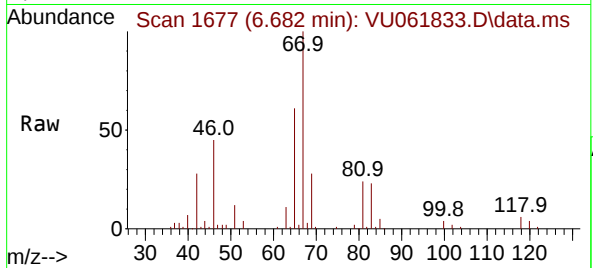




#35
Methylcyclohexane
Concen: 0.527 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU061833.D
Acq: 19 Nov 2024 00:34

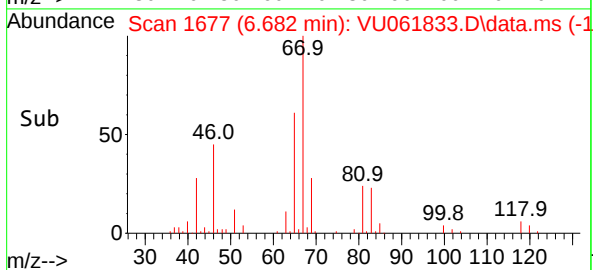
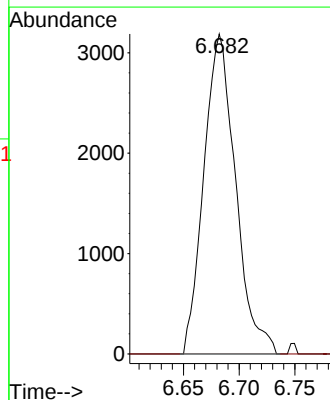
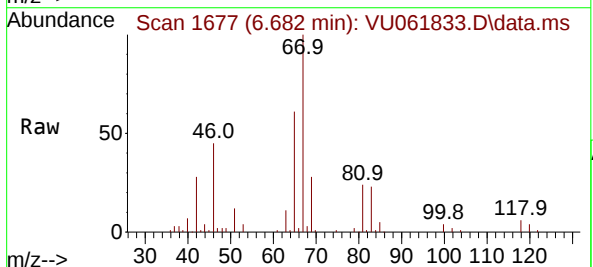
Instrument :
MSVOA_U
ClientSampleId :

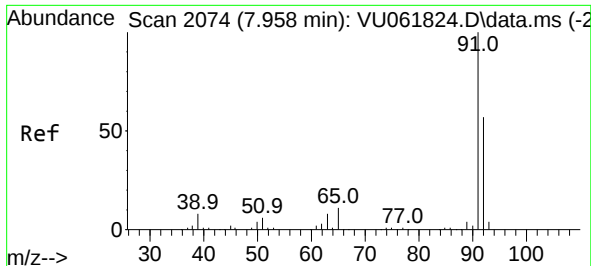
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	56.4	84.6#
98	3.0	37.7	56.5#



#37
1,2-Dichloropropane
Concen: 0.403 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU061833.D
Acq: 19 Nov 2024 00:34

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#





#42

Toluene

Concen: 0.292 ug/L

RT: 7.965 min Scan# 2074

Delta R.T. 0.007 min

Lab File: VU061833.D

Acq: 19 Nov 2024 00:34

Instrument :

MSVOA_U

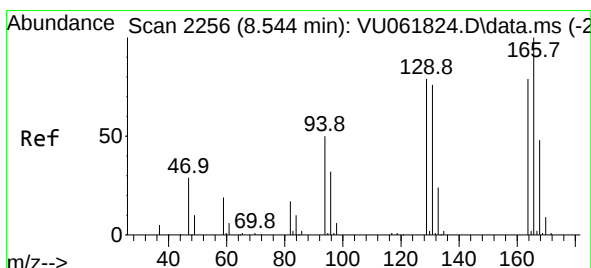
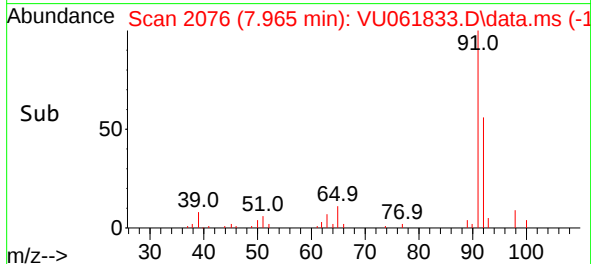
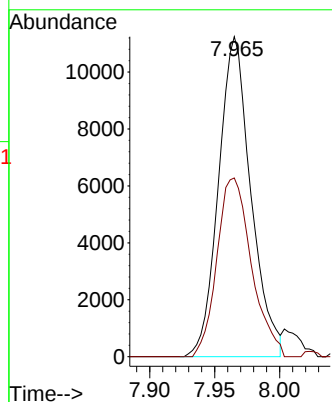
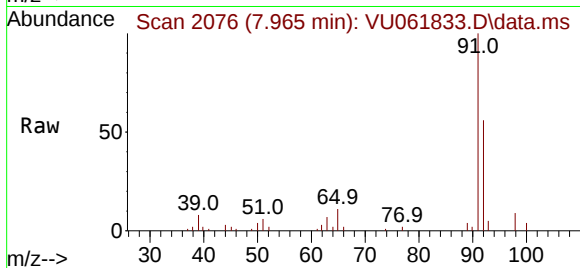
ClientSampleId :

Tgt Ion: 91 Resp: 19489

Ion Ratio Lower Upper

91 100

92 55.9 39.7 73.7



#47

Tetrachloroethene

Concen: 10.186 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.000 min

Lab File: VU061833.D

Acq: 19 Nov 2024 00:34

Tgt Ion: 164 Resp: 127914

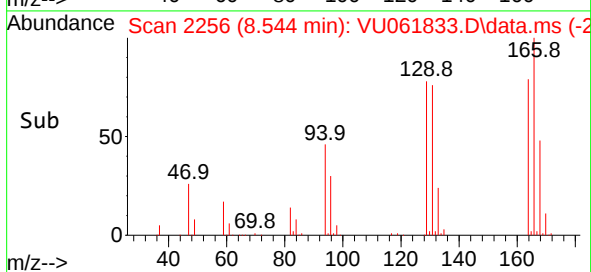
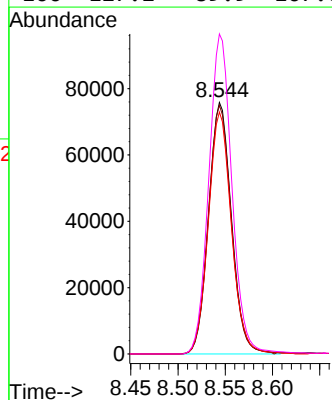
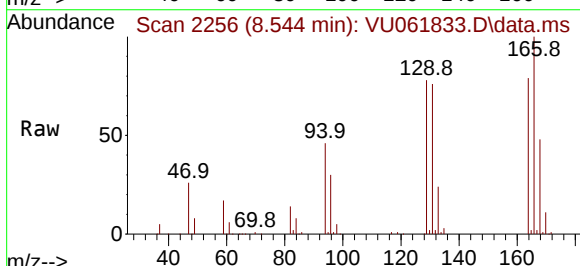
Ion Ratio Lower Upper

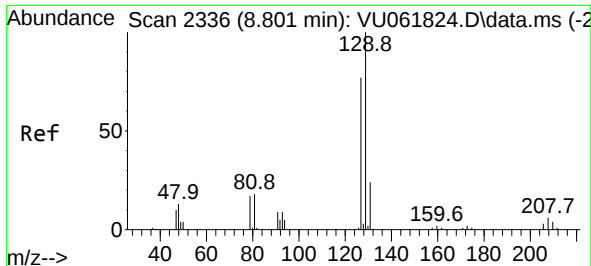
164 100

129 98.9 71.7 133.3

131 96.2 68.2 126.6

166 127.2 89.9 167.0

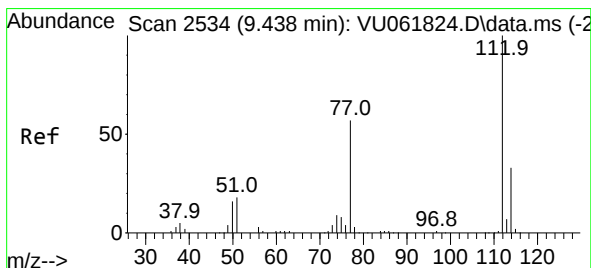
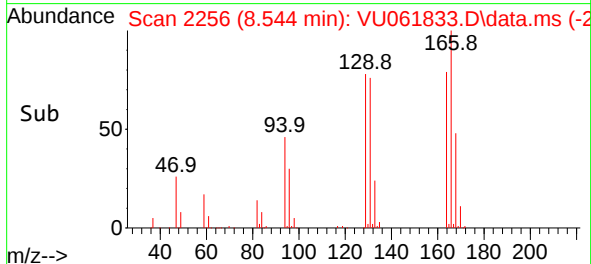
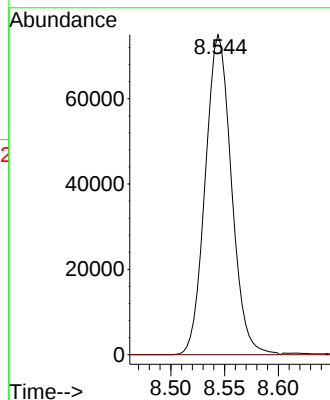
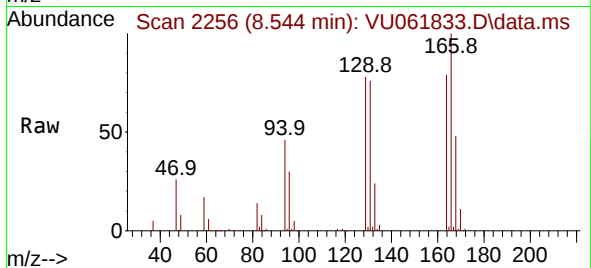




#49
Dibromochloromethane
Concen: 10.565 ug/L
RT: 8.544 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU061833.D
Acq: 19 Nov 2024 00:34

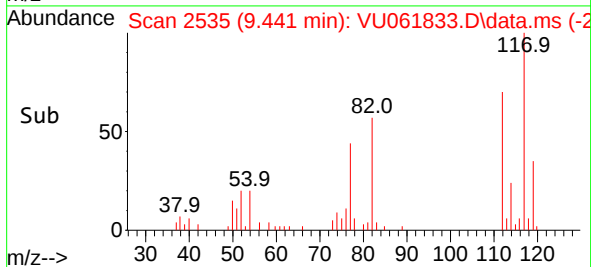
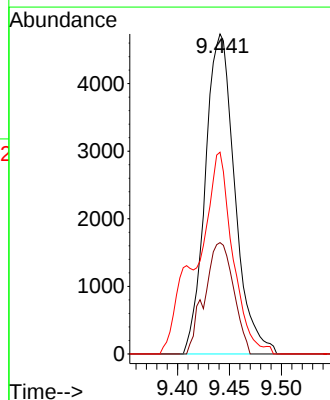
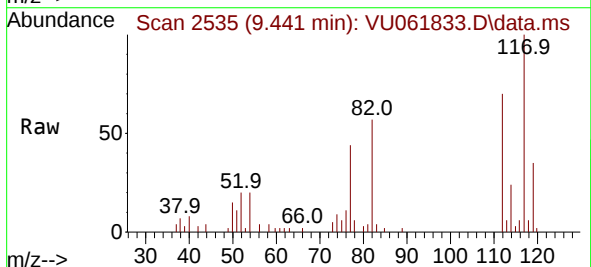
Instrument :
MSVOA_U
ClientSampleId :

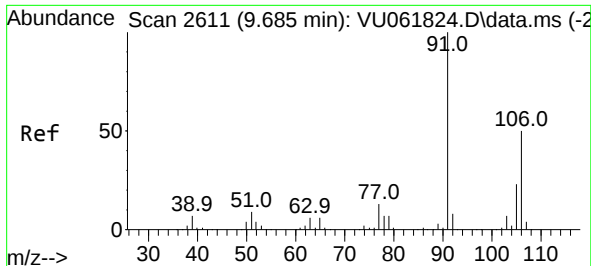
Tgt Ion:129 Resp: 126800
Ion Ratio Lower Upper
129 100
127 0.0 55.1 102.3#



#51
Chlorobenzene
Concen: 0.218 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU061833.D
Acq: 19 Nov 2024 00:34

Tgt Ion:112 Resp: 9349
Ion Ratio Lower Upper
112 100
114 34.8 22.5 41.9
77 63.1 45.3 67.9

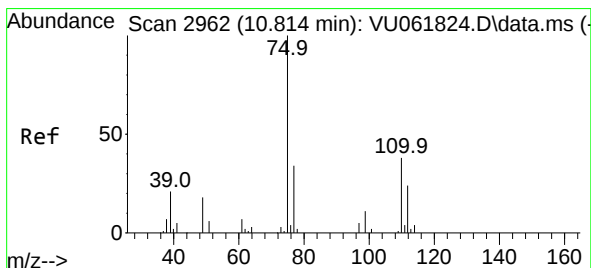
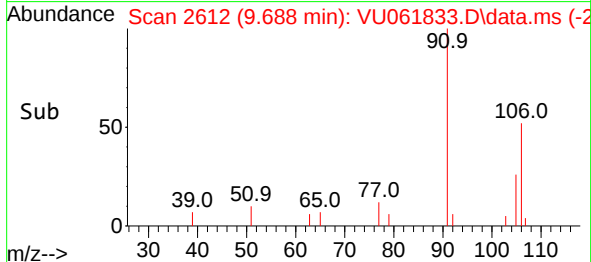
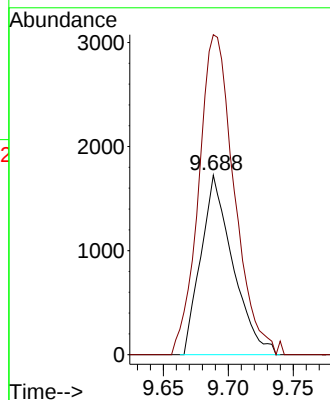
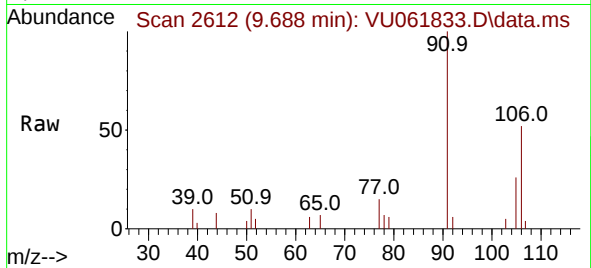




#53
m,p-Xylene
Concen: 0.108 ug/L
RT: 9.688 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU061833.D
Acq: 19 Nov 2024 00:34

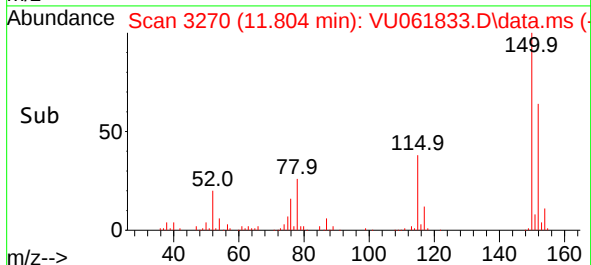
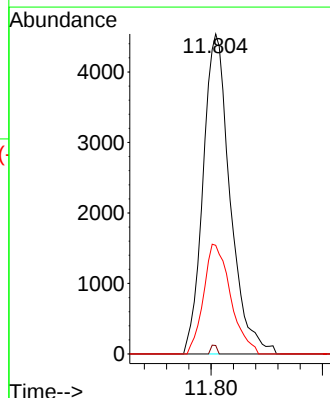
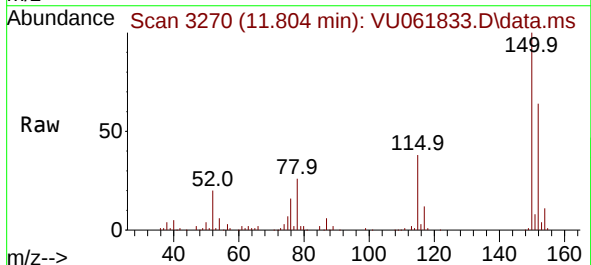
Instrument :
MSVOA_U
ClientSampleId :

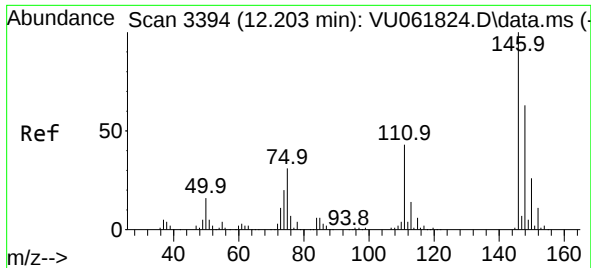
Tgt Ion:106 Resp: 2944
Ion Ratio Lower Upper
106 100
91 178.3 140.4 260.8



#61
1,2,3-Trichloropropane
Concen: 1.228 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU061833.D
Acq: 19 Nov 2024 00:34

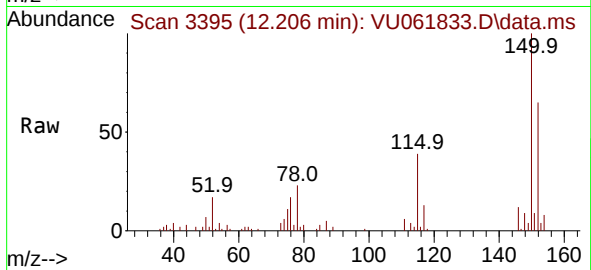
Tgt Ion: 75 Resp: 7640
Ion Ratio Lower Upper
75 100
110 0.6 31.3 46.9#
77 34.3 26.0 39.0





#67
 1,2-Dichlorobenzene
 Concen: 0.128 ug/L
 RT: 12.206 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU061833.D
 Acq: 19 Nov 2024 00:34

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	146	Resp:	2491
Ion	Ratio	Lower	Upper
146	100		
111	52.6	35.2	52.8
148	69.5	52.6	79.0

