

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111721\
 Data File : VU045833.D
 Acq On : 17 Nov 2021 12:25
 Operator : SY/MD
 Sample : M4686-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 02:19:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 02:11:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	90876	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	95188	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	43619	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	21392	2.971	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.400%
7) Chloroethane-d5	1.919	69	19811	3.780	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.600%
11) 1,1-Dichloroethene-d2	2.572	65	9740	3.225	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.600%
20) 2-Butanone-d5	4.642	46	108455	56.209	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.420%
24) Chloroform-d	5.067	84	45337	3.780	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.600%
26) 1,2-Dichloroethane-d4	5.707	65	31520	4.478	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	5.732	84	96787	3.692	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.800%
36) 1,2-Dichloropropane-d6	6.694	67	33450	4.049	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.000%
41) Toluene-d8	7.899	98	78459	3.309	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.200%#
43) trans-1,3-Dichloroprop...	8.182	79	12661	3.775	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.600%
46) 2-Hexanone-d5	8.636	63	74227	49.173	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.340%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32733	4.690	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	33825	4.516	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	754	0.102	ug/L	94
3) Chloromethane	1.520	50	1088	0.139	ug/L	98
9) Trichlorofluoromethane	2.144	101	13684	1.347	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	438	0.074	ug/L #	21
12) 1,1-Dichloroethene	2.588	96	5260	0.935	ug/L #	56
16) Methylene chloride	3.051	84	41259	4.968	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	12349	0.843	ug/L	99
19) 1,1-Dichloroethane	3.877	63	17556	1.554	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	1445	0.221	ug/L	92
25) Chloroform	5.092	83	14374	1.173	ug/L	90
29) 1,1,1-Trichloroethane	5.324	97	2421	0.234	ug/L #	84
34) Trichloroethene	6.546	95	20351	2.973	ug/L	97
35) Methylcyclohexane	6.694	83	7729	0.735	ug/L #	24
37) 1,2-Dichloropropane	6.694	63	3575	0.511	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	904	0.091	ug/L #	77
47) Tetrachloroethene	8.555	164	32890	6.863	ug/L	95
49) Dibromochloromethane	8.555	129	33289	5.632	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5811	1.283	ug/L #	68

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111721\
Data File : VU045833.D
Acq On : 17 Nov 2021 12:25
Operator : SY/MD
Sample : M4686-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 18 02:19:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 18 02:11:55 2021
Response via : Initial Calibration

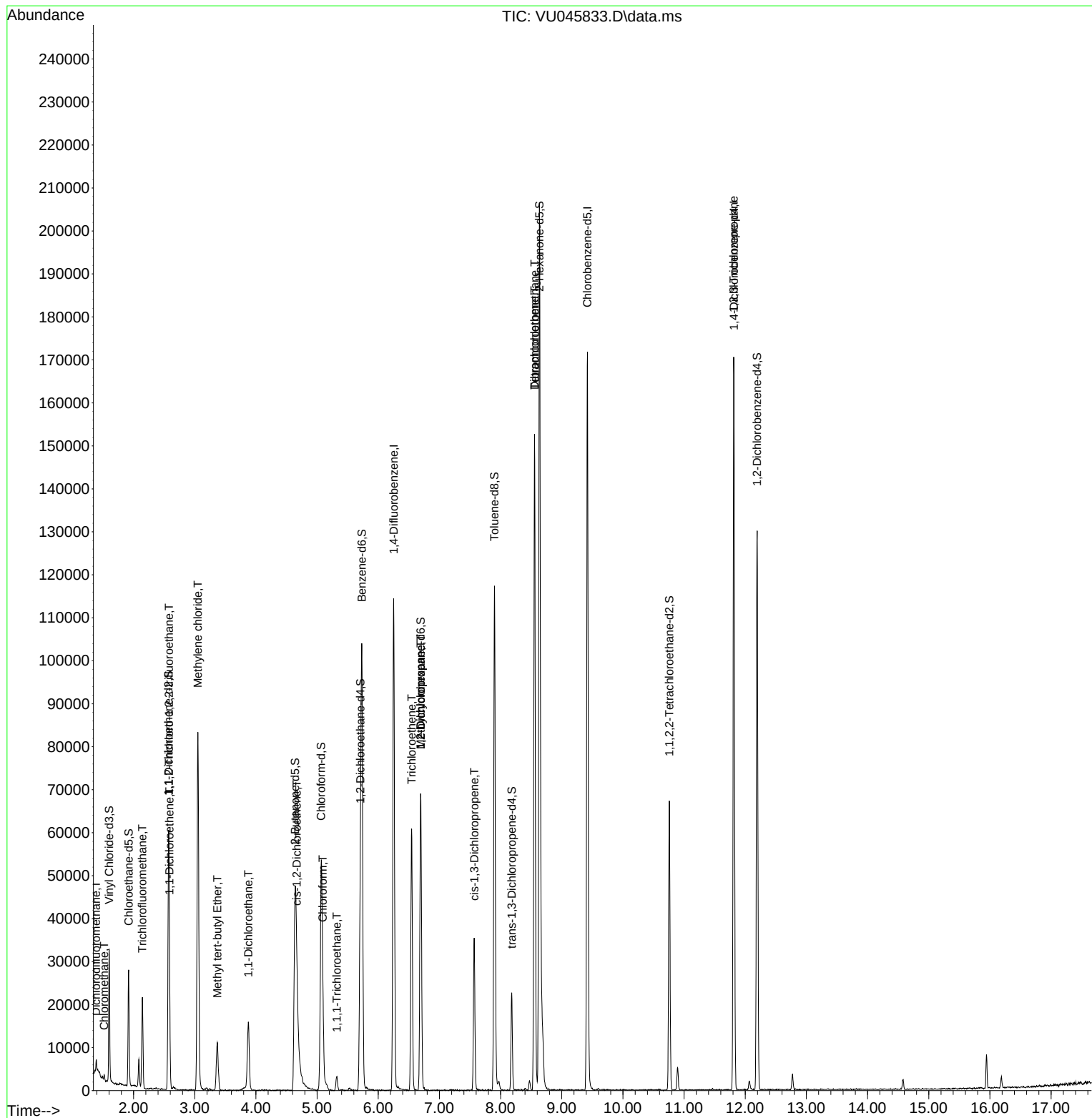
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

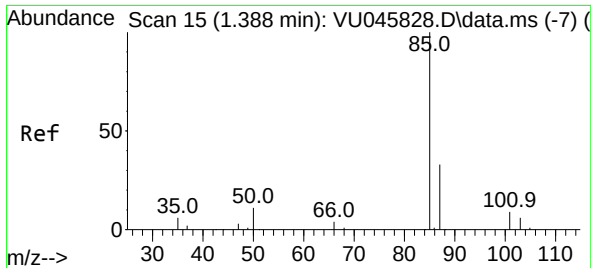
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111721\
Data File : VU045833.D
Acq On : 17 Nov 2021 12:25
Operator : SY/MD
Sample : M4686-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 18 02:19:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 18 02:11:55 2021
Response via : Initial Calibration

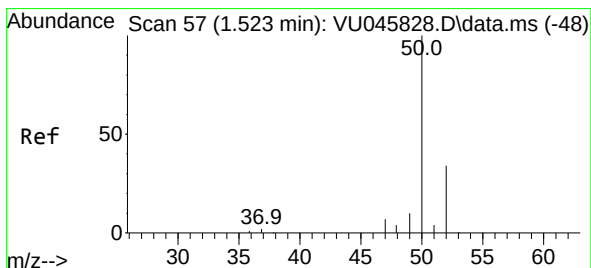
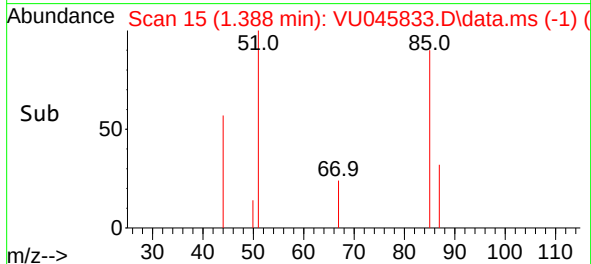
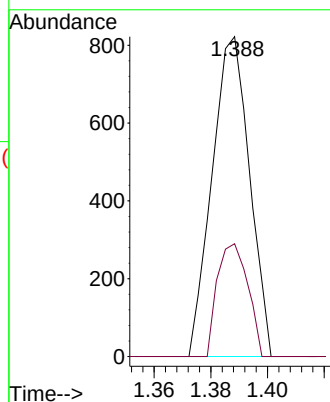
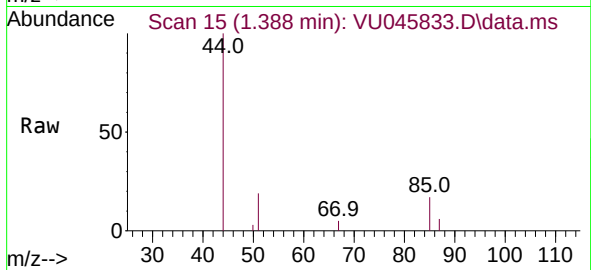




#2
 Dichlorodifluoromethane
 Concen: 0.102 ug/L
 RT: 1.388 min Scan# 15
 Delta R.T. 0.000 min
 Lab File: VU045833.D
 Acq: 17 Nov 2021 12:25

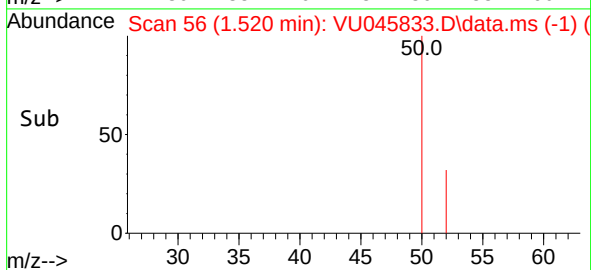
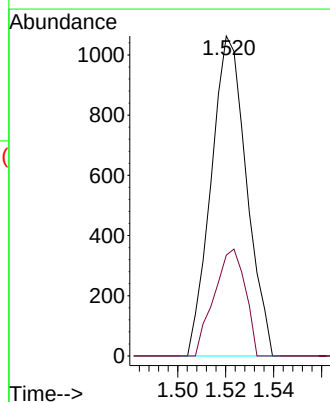
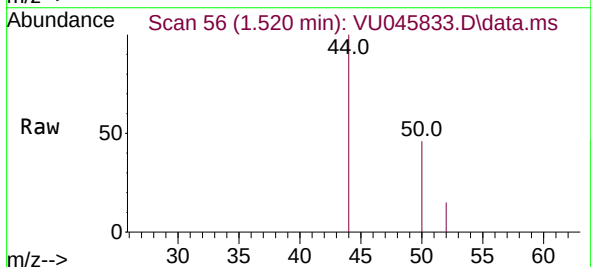
Instrument :
 MSVOA_U
 ClientSampleId :

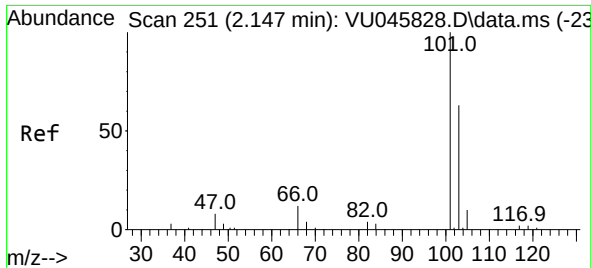
Tgt Ion: 85 Resp: 754
 Ion Ratio Lower Upper
 85 100
 87 28.6 25.8 38.6



#3
 Chloromethane
 Concen: 0.139 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.003 min
 Lab File: VU045833.D
 Acq: 17 Nov 2021 12:25

Tgt Ion: 50 Resp: 1088
 Ion Ratio Lower Upper
 50 100
 52 31.5 23.0 42.8

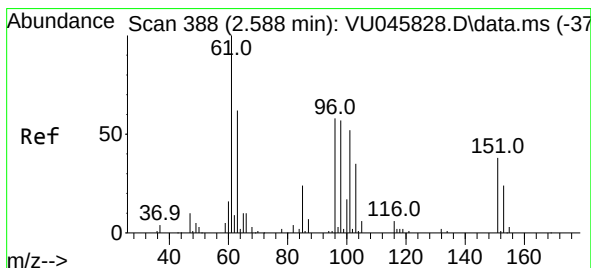
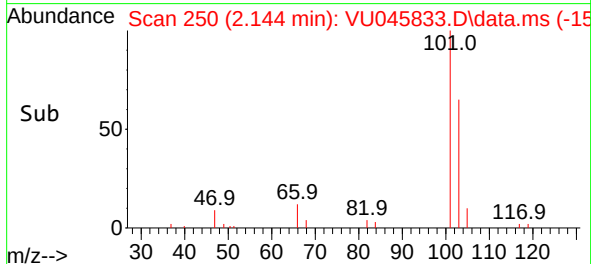
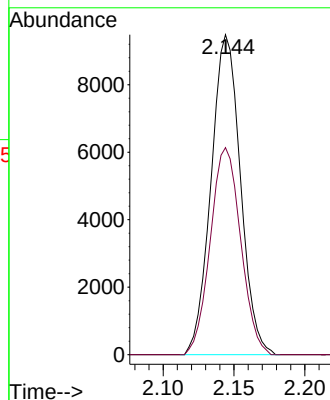
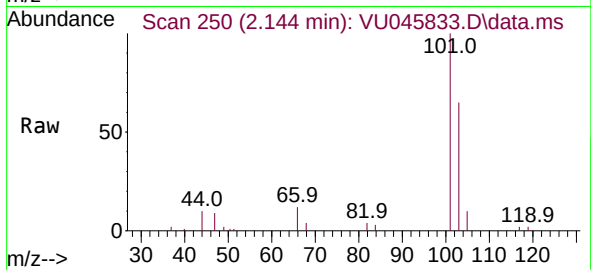




#9
 Trichlorofluoromethane
 Concen: 1.347 ug/L
 RT: 2.144 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU045833.D
 Acq: 17 Nov 2021 12:25

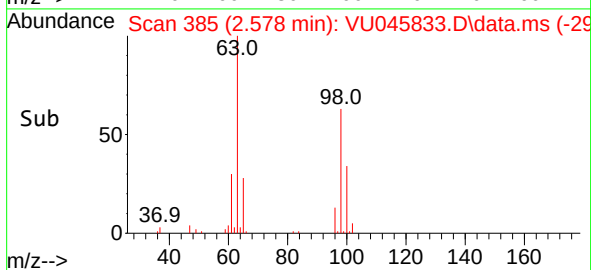
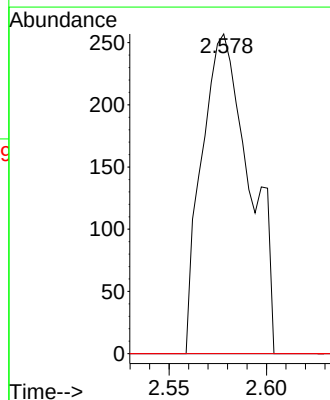
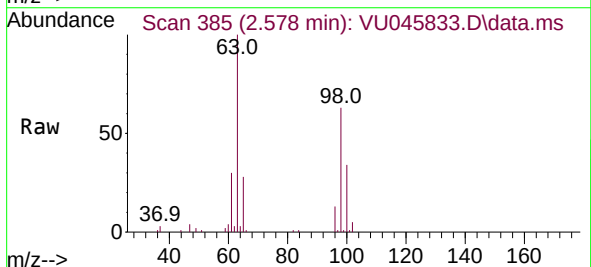
Instrument :
 MSVOA_U
 ClientSampleId :

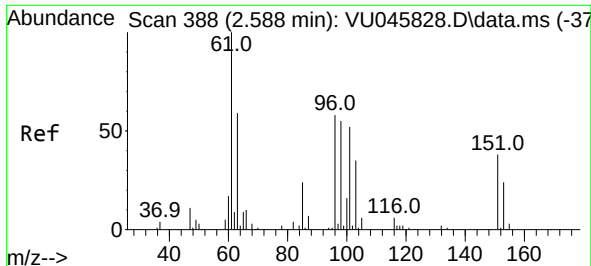
Tgt Ion:101 Resp: 13684
 Ion Ratio Lower Upper
 101 100
 103 66.8 51.5 77.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.074 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.009 min
 Lab File: VU045833.D
 Acq: 17 Nov 2021 12:25

Tgt Ion:101 Resp: 438
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#





#12

1,1-Dichloroethene

Concen: 0.935 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.000 min

Lab File: VU045833.D

Acq: 17 Nov 2021 12:25

Instrument :

MSVOA_U

ClientSampleId :

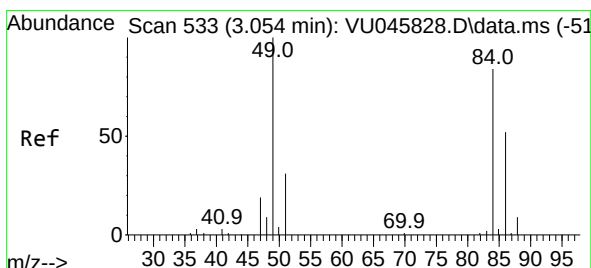
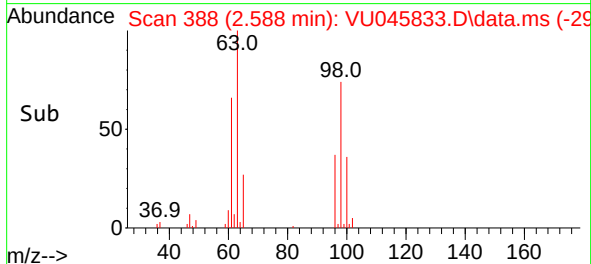
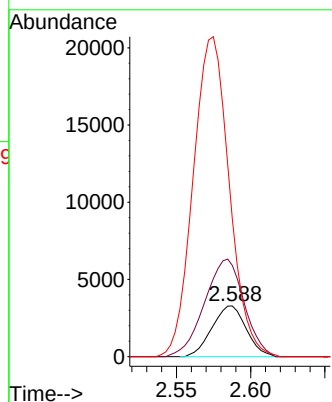
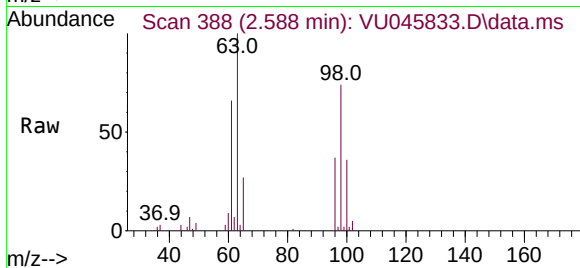
Tgt Ion: 96 Resp: 5260

Ion Ratio Lower Upper

96 100

61 180.0 124.7 231.5

63 271.0 105.2 195.4#



#16

Methylene chloride

Concen: 4.968 ug/L

RT: 3.051 min Scan# 532

Delta R.T. -0.003 min

Lab File: VU045833.D

Acq: 17 Nov 2021 12:25

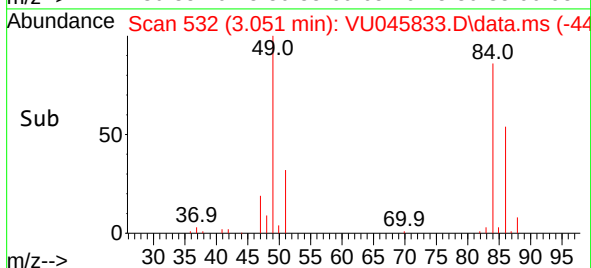
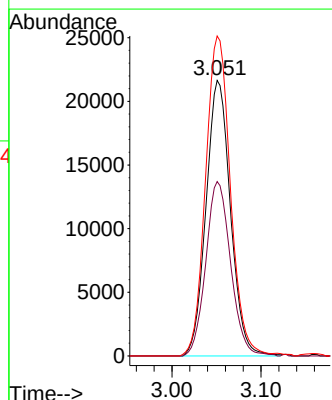
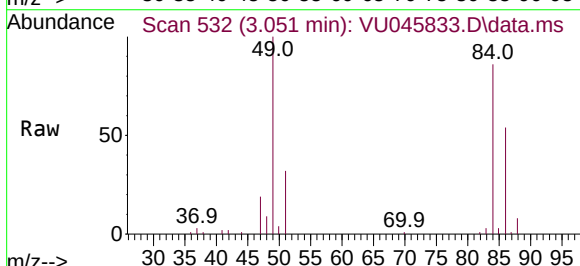
Tgt Ion: 84 Resp: 41259

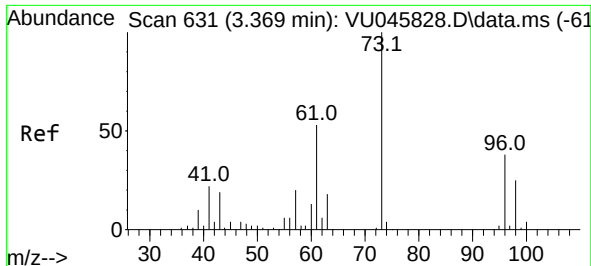
Ion Ratio Lower Upper

84 100

86 63.3 45.8 85.0

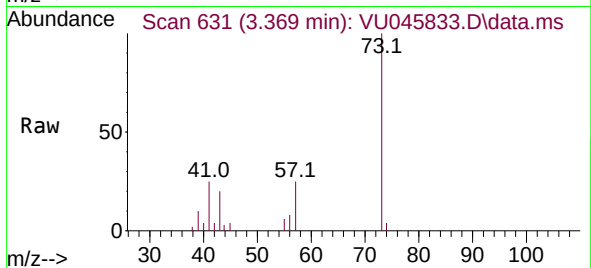
49 116.1 84.5 156.9



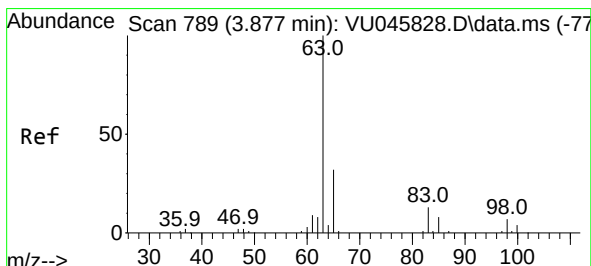
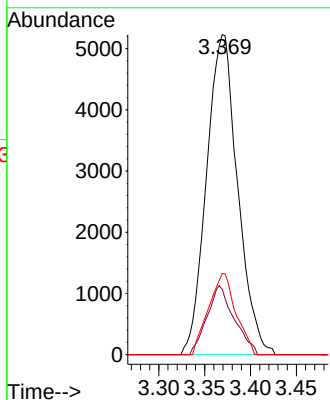
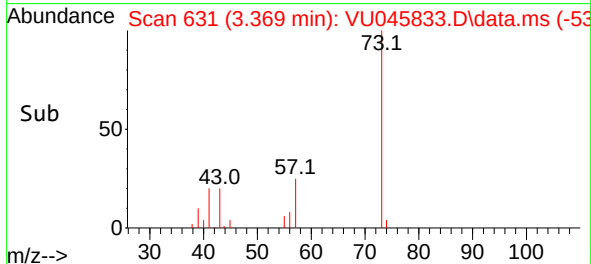


#17
Methyl tert-butyl Ether
Concen: 0.843 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045833.D
Acq: 17 Nov 2021 12:25

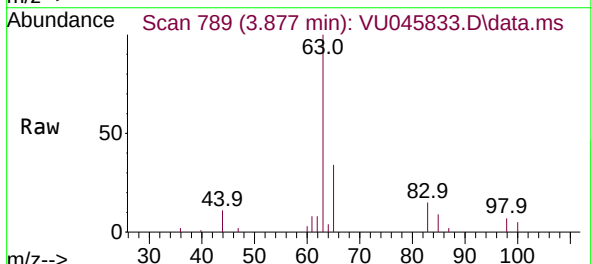
Instrument :
MSVOA_U
ClientSampleId :



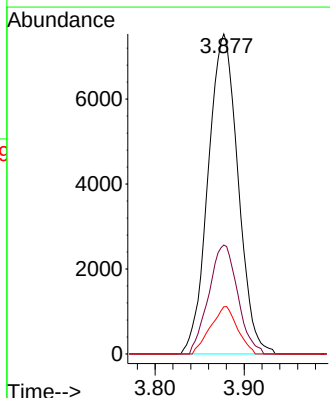
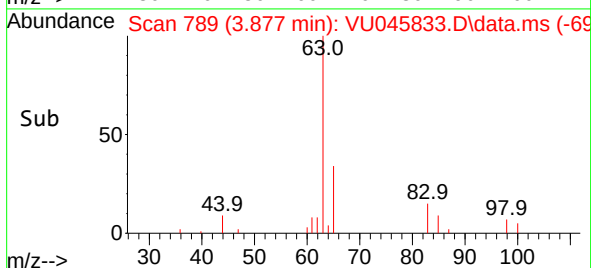
Tgt Ion: 73	Resp:	12349
Ion	Ratio	Lower Upper
73	100	
43	18.8	14.8 22.2
57	22.3	17.4 26.0

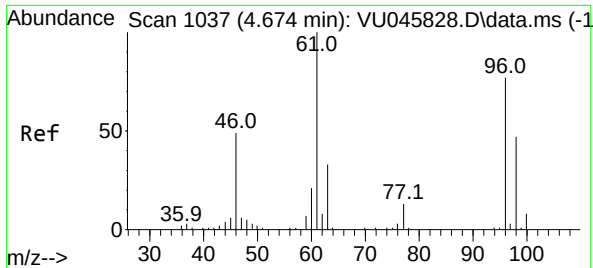


#19
1,1-Dichloroethane
Concen: 1.554 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU045833.D
Acq: 17 Nov 2021 12:25



Tgt Ion: 63	Resp:	17556
Ion	Ratio	Lower Upper
63	100	
65	34.0	22.3 41.5
83	14.8	9.6 17.8





#22

cis-1,2-Dichloroethene

Concen: 0.221 ug/L

RT: 4.668 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VU045833.D

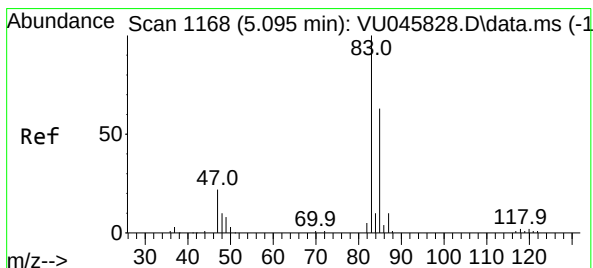
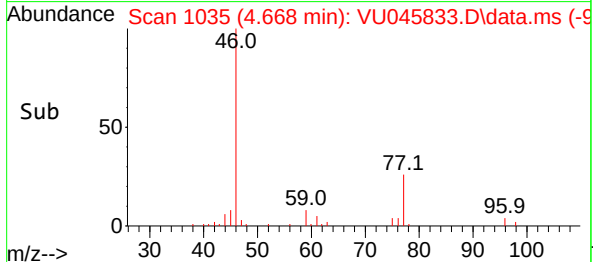
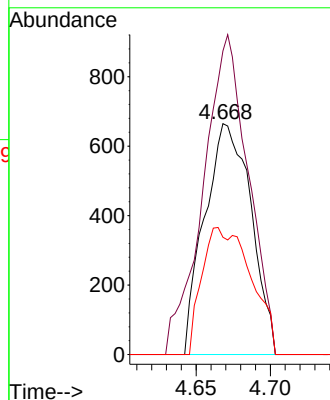
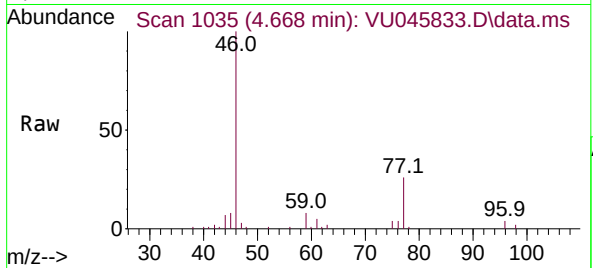
Acq: 17 Nov 2021 12:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96	Resp: 1445
Ion Ratio	Lower Upper
96	100
61	131.4 88.5 164.3
98	50.8 44.4 82.5



#25

Chloroform

Concen: 1.173 ug/L

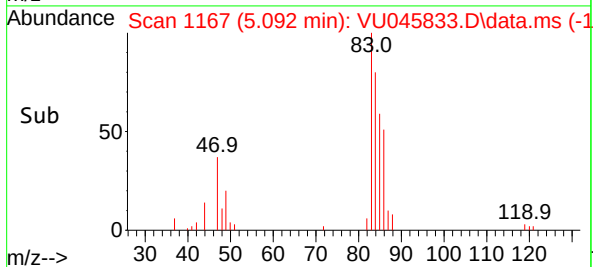
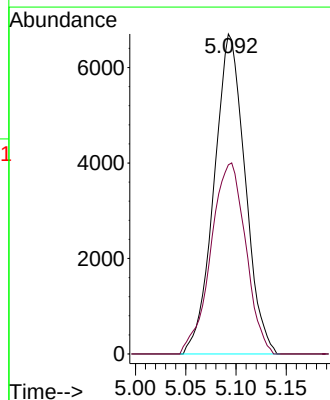
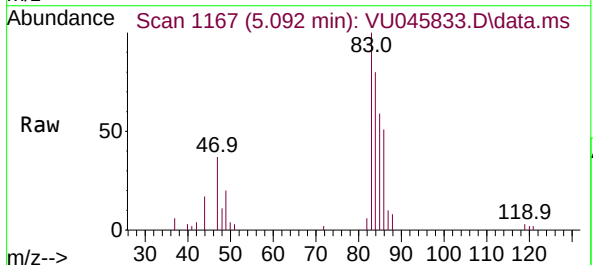
RT: 5.092 min Scan# 1167

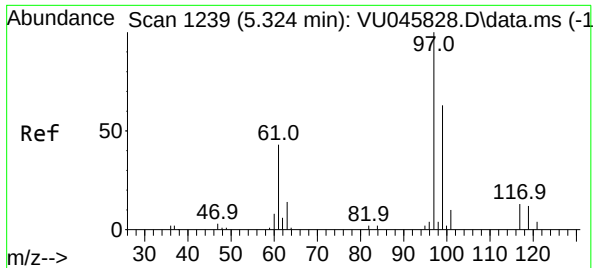
Delta R.T. -0.003 min

Lab File: VU045833.D

Acq: 17 Nov 2021 12:25

Tgt Ion: 83	Resp: 14374
Ion Ratio	Lower Upper
83	100
85	59.1 46.9 87.1

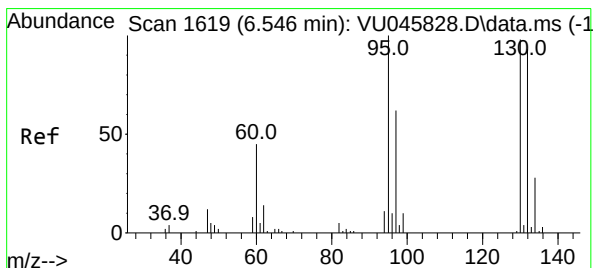
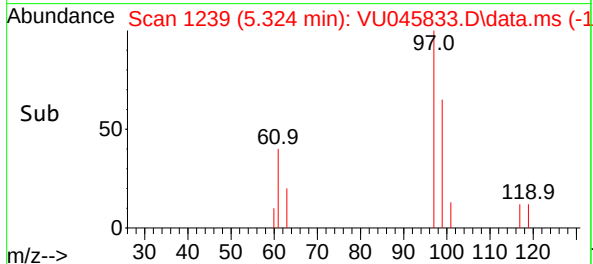
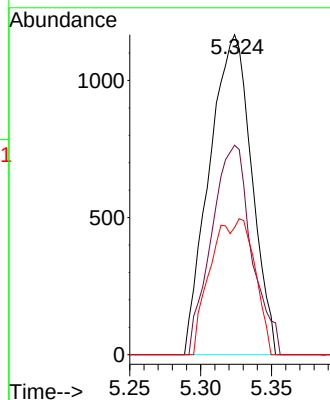
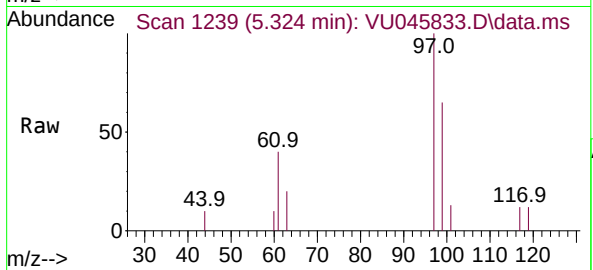




#29
1,1,1-Trichloroethane
Concen: 0.234 ug/L
RT: 5.324 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045833.D
Acq: 17 Nov 2021 12:25

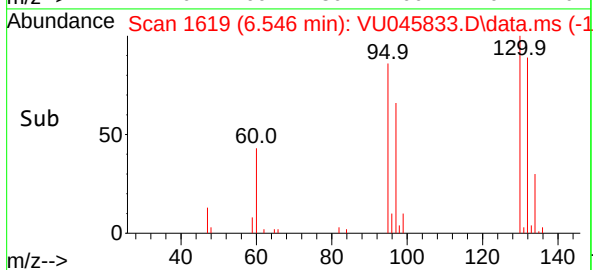
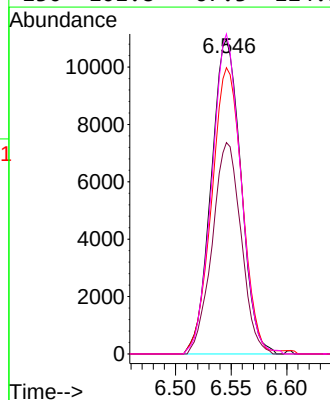
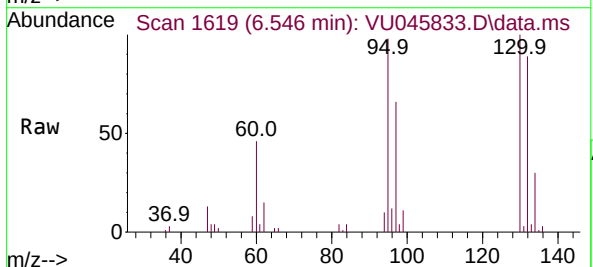
Instrument :
MSVOA_U
ClientSampleId :

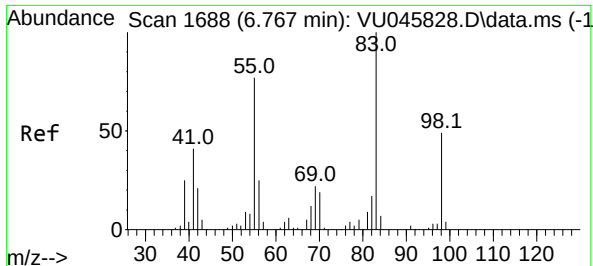
Tgt Ion: 97 Resp: 2421
Ion Ratio Lower Upper
97 100
99 62.2 51.3 76.9
61 22.1 36.1 54.1#



#34
Trichloroethene
Concen: 2.973 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045833.D
Acq: 17 Nov 2021 12:25

Tgt Ion: 95 Resp: 20351
Ion Ratio Lower Upper
95 100
97 67.2 46.5 86.5
132 91.0 65.1 120.9
130 101.8 67.3 124.9

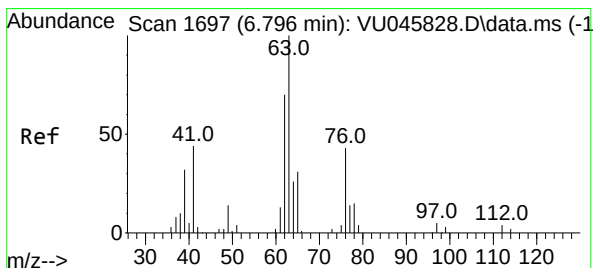
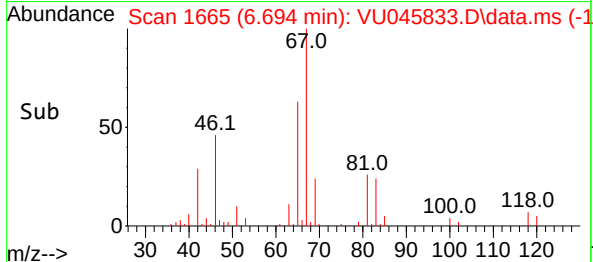
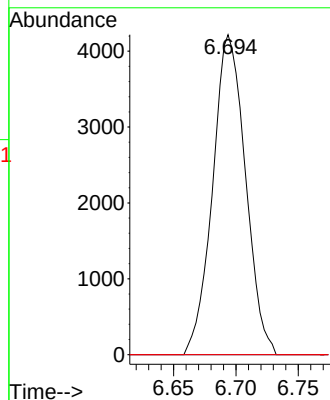
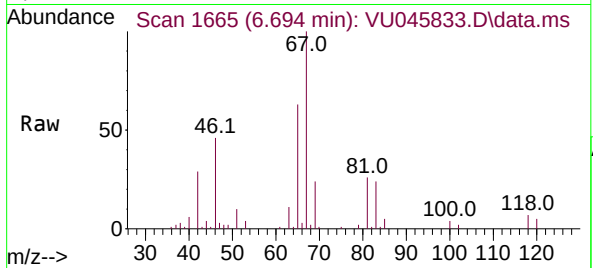




#35
Methylcyclohexane
Concen: 0.735 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045833.D
Acq: 17 Nov 2021 12:25

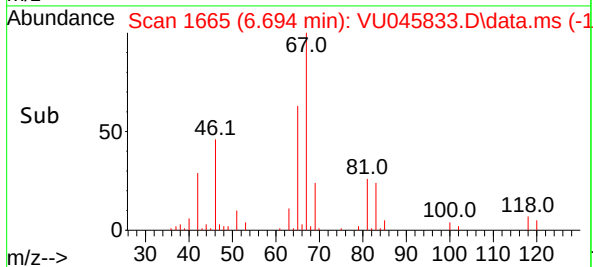
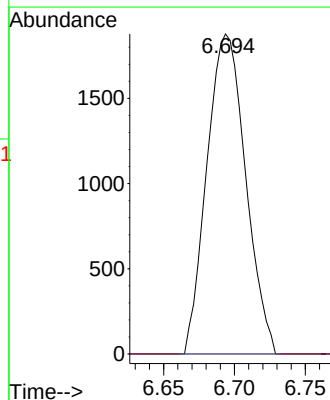
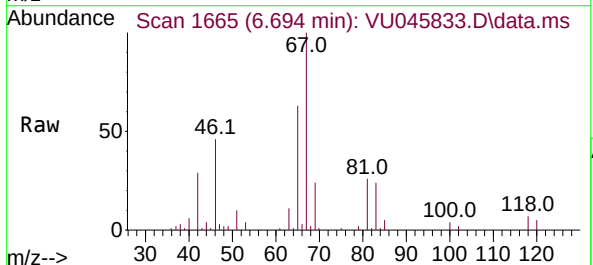
Instrument :
MSVOA_U
ClientSampleId :

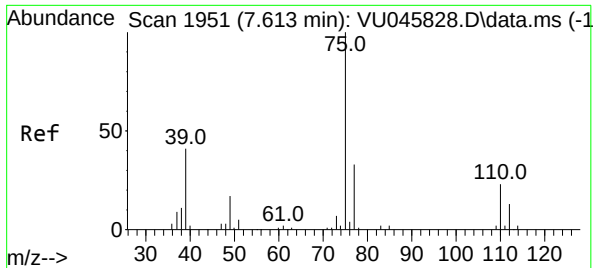
Tgt Ion: 83 Resp: 7729
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 11.4 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.511 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU045833.D
Acq: 17 Nov 2021 12:25

Tgt Ion: 63 Resp: 3575
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.571 min Scan# 1951

Delta R.T. -0.042 min

Lab File: VU045833.D

Acq: 17 Nov 2021 12:25

Instrument :

MSVOA_U

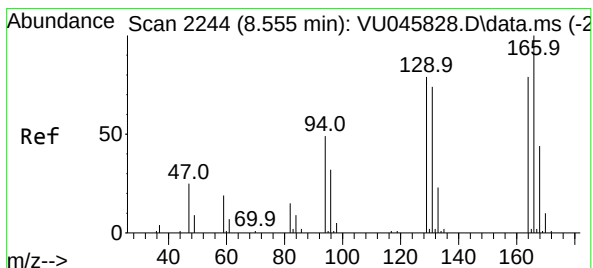
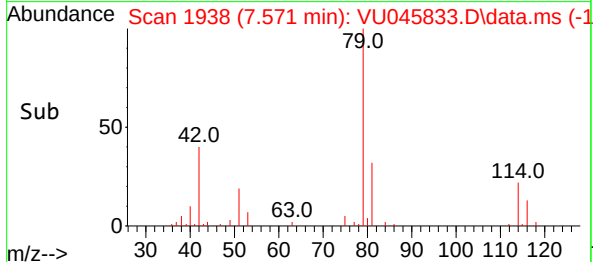
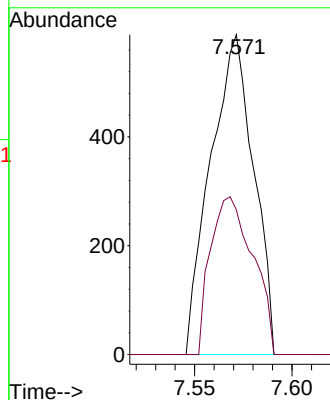
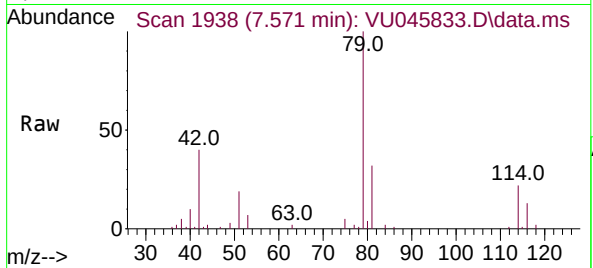
ClientSampleId :

Tgt Ion: 75 Resp: 904

Ion Ratio Lower Upper

75 100

77 45.2 22.5 41.9#



#47

Tetrachloroethene

Concen: 6.863 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU045833.D

Acq: 17 Nov 2021 12:25

Tgt Ion: 164 Resp: 32890

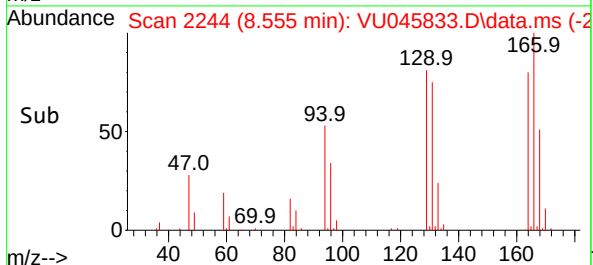
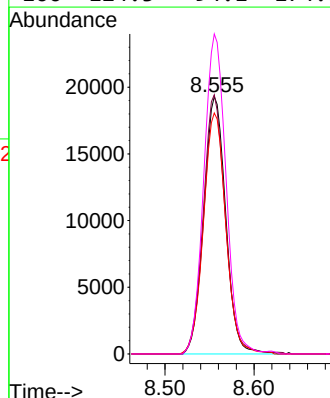
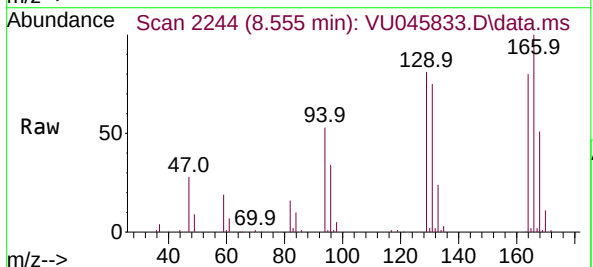
Ion Ratio Lower Upper

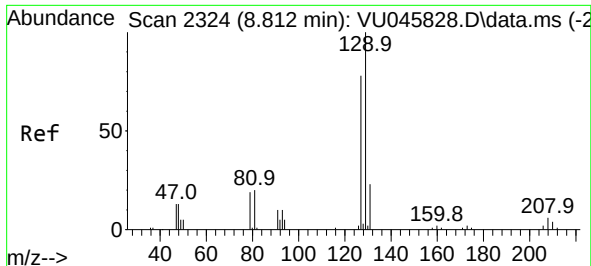
164 100

129 100.7 71.8 133.4

131 93.6 68.5 127.3

166 124.3 94.1 174.8





#49

Dibromochloromethane

Concen: 5.632 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU045833.D

Acq: 17 Nov 2021 12:25

Instrument :

MSVOA_U

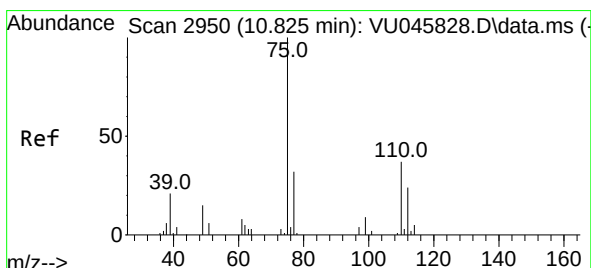
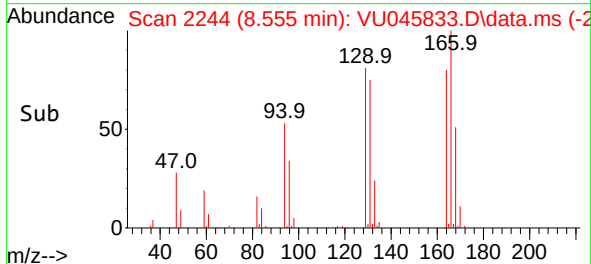
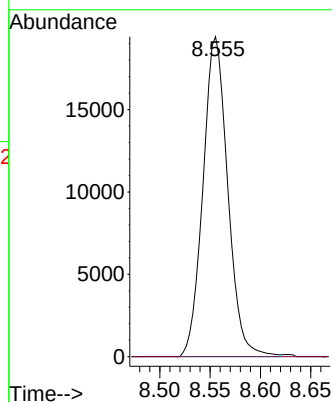
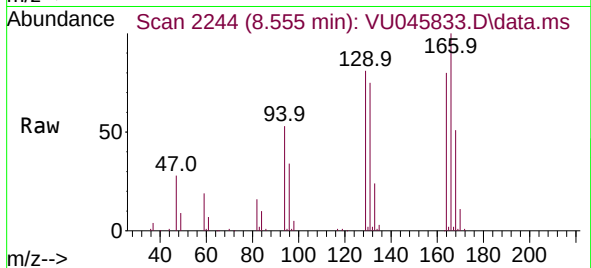
ClientSampleId :

Tgt Ion:129 Resp: 33289

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.283 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU045833.D

Acq: 17 Nov 2021 12:25

Tgt Ion: 75 Resp: 5811

Ion Ratio Lower Upper

75 100

110 2.0 29.9 44.9#

77 31.7 25.5 38.3

