

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111721\
 Data File : VU045844.D
 Acq On : 17 Nov 2021 16:52
 Operator : SY/MD
 Sample : M4686-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 02:21:46 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)

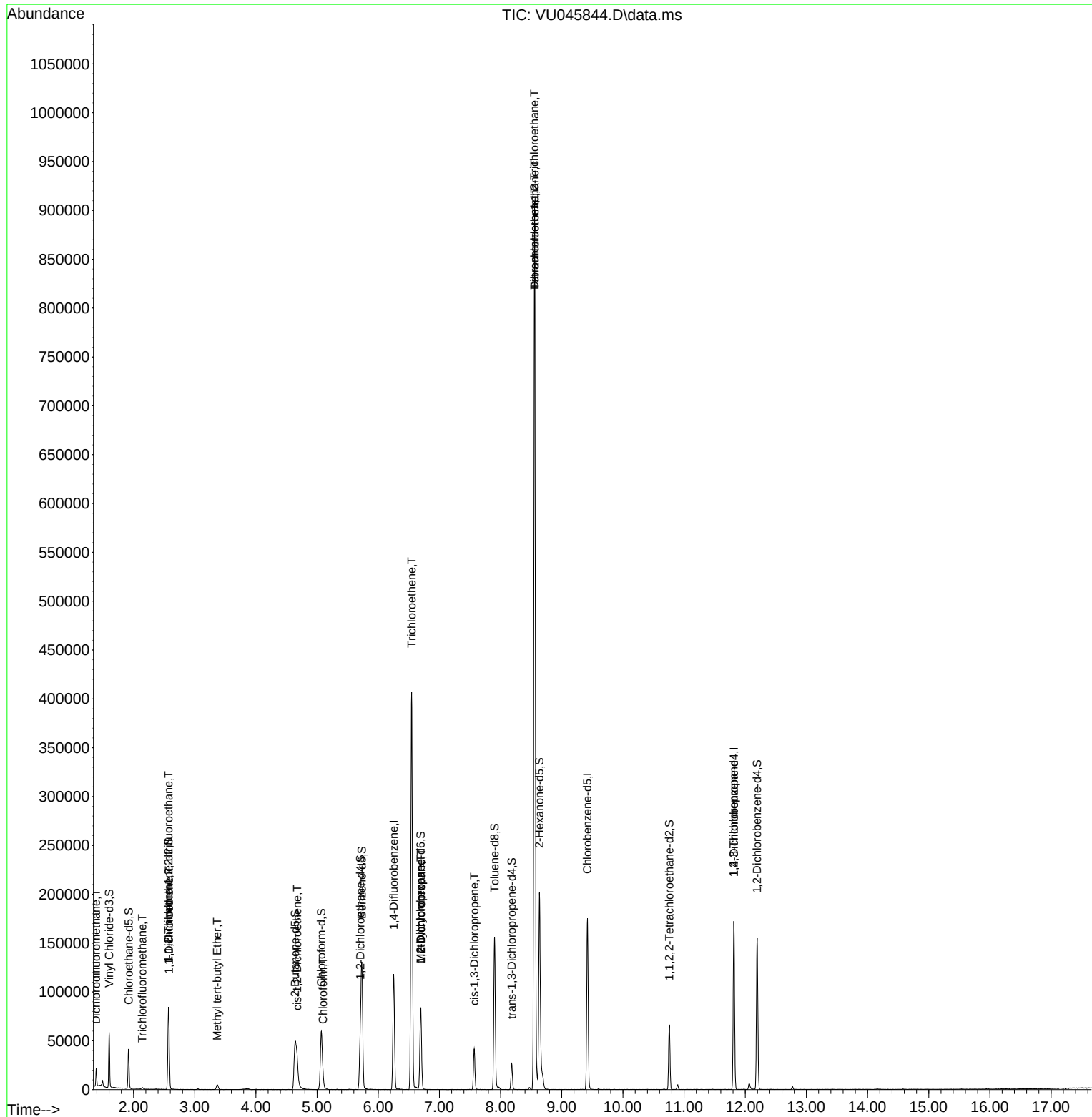
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	92844	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	98258	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	44968	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	39224	5.332	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.600%
7) Chloroethane-d5	1.919	69	29185	5.450	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.000%
11) 1,1-Dichloroethene-d2	2.571	65	16009	5.189	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.800%
20) 2-Butanone-d5	4.642	46	98632	50.034	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.060%
24) Chloroform-d	5.070	84	52205	4.260	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.706	65	35321	4.912	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.732	84	123992	4.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.693	67	40717	4.774	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.902	98	107828	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.182	79	15572	4.498	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.635	63	69616	44.677	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.360%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32708	4.540	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	39580	5.126	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	4672	0.618	ug/L	99
9) Trichlorofluoromethane	2.144	101	818	0.079	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	439	0.072	ug/L #	21
12) 1,1-Dichloroethene	2.578	96	913	0.159	ug/L #	1
17) Methyl tert-butyl Ether	3.366	73	5932	0.396	ug/L	96
22) cis-1,2-Dichloroethene	4.674	96	8028	1.202	ug/L	86
25) Chloroform	5.095	83	10568	0.844	ug/L	98
34) Trichloroethene	6.546	95	138641	19.620	ug/L	98
35) Methylcyclohexane	6.693	83	9240	0.851	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	4148	0.575	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	1041	0.102	ug/L #	60
45) 1,1,2-Trichloroethane	8.552	97	1814	0.339	ug/L #	1
47) Tetrachloroethene	8.555	164	198595	40.145	ug/L	96
49) Dibromochloromethane	8.555	129	194556	31.887	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5757	1.233	ug/L #	64

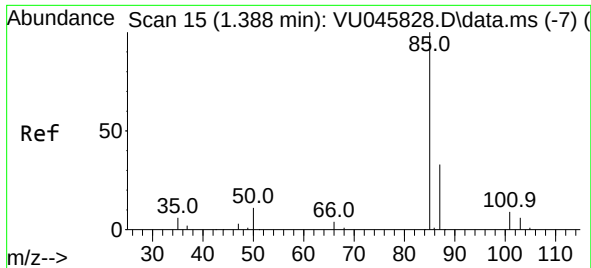
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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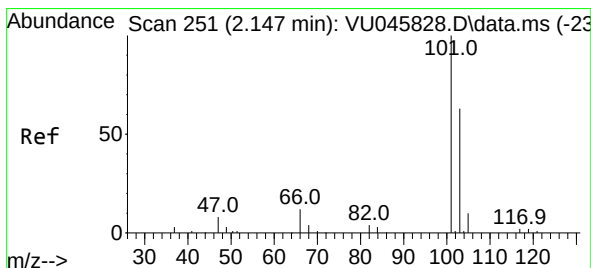
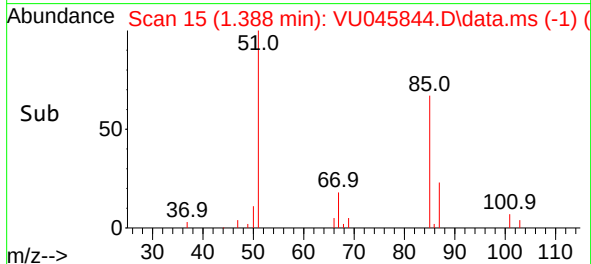
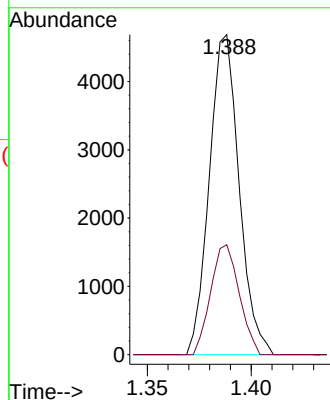
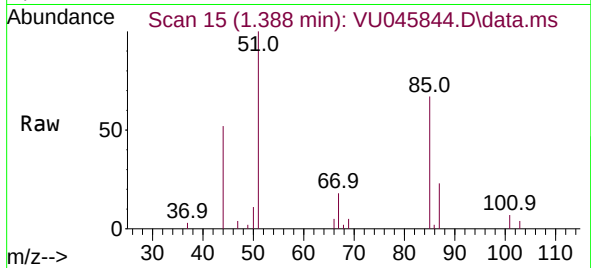




#2
Dichlorodifluoromethane
Concen: 0.618 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045844.D
Acq: 17 Nov 2021 16:52

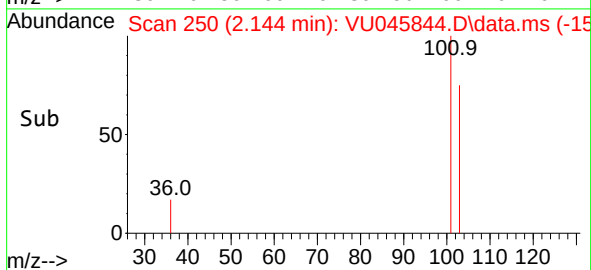
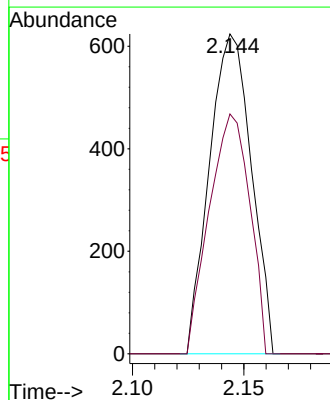
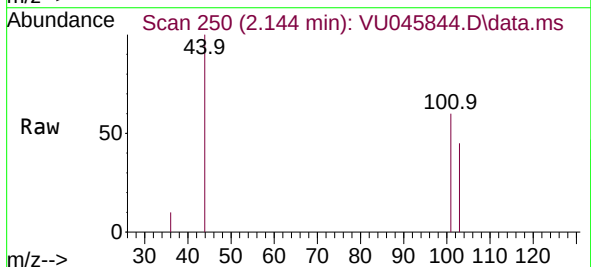
Instrument :
MSVOA_U
ClientSampleId :

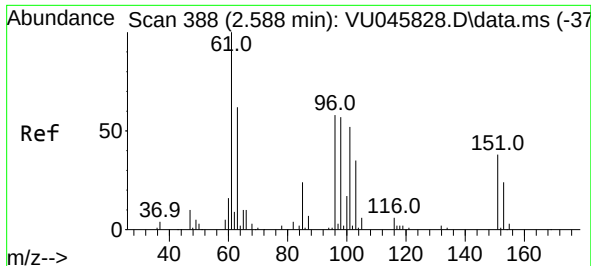
Tgt Ion: 85 Resp: 4672
Ion Ratio Lower Upper
85 100
87 32.8 25.8 38.6



#9
Trichlorofluoromethane
Concen: 0.079 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.003 min
Lab File: VU045844.D
Acq: 17 Nov 2021 16:52

Tgt Ion:101 Resp: 818
Ion Ratio Lower Upper
101 100
103 72.4 51.5 77.3

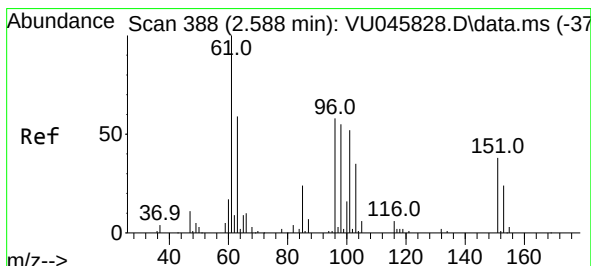
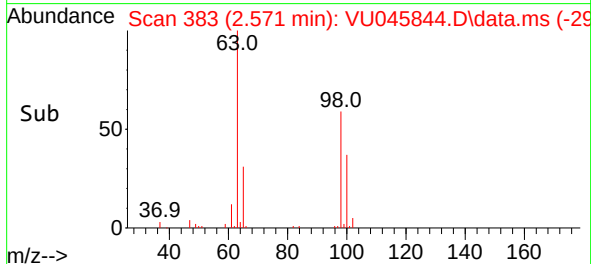
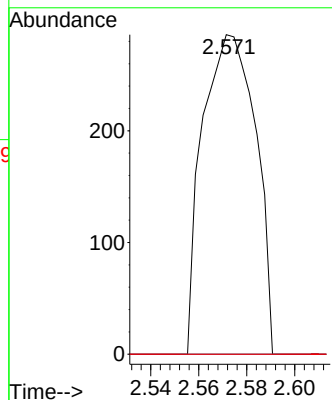
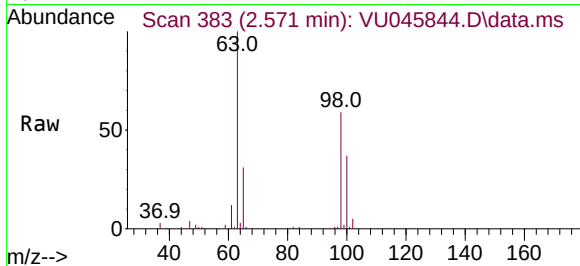




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.072 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU045844.D
Acq: 17 Nov 2021 16:52

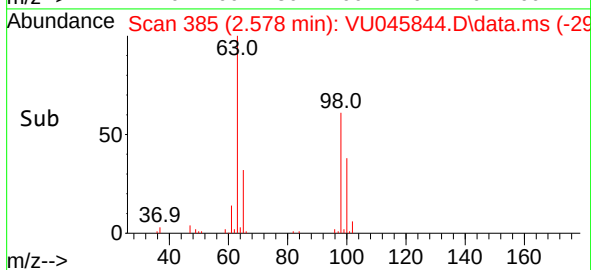
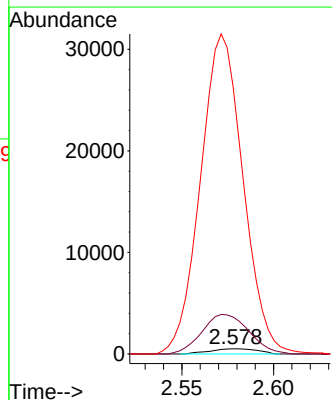
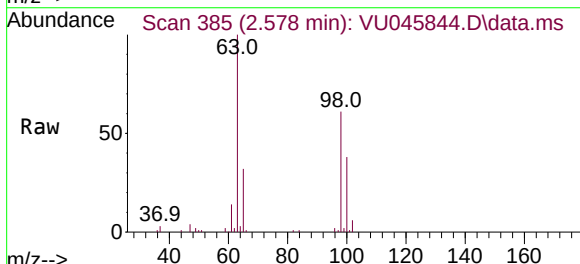
Instrument :
MSVOA_U
ClientSampleId :

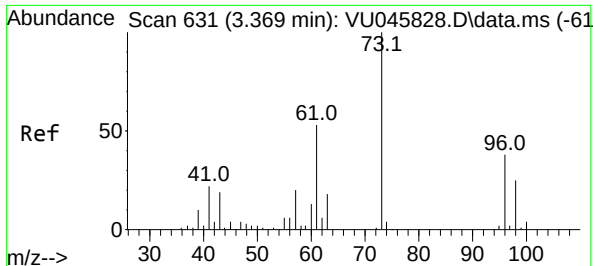
Tgt Ion:101 Resp: 439
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#12
1,1-Dichloroethene
Concen: 0.159 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.010 min
Lab File: VU045844.D
Acq: 17 Nov 2021 16:52

Tgt Ion: 96 Resp: 913
Ion Ratio Lower Upper
96 100
61 725.7 124.7 231.5#
63 5271.1 105.2 195.4#





#17

Methyl tert-butyl Ether

Concen: 0.396 ug/L

RT: 3.366 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU045844.D

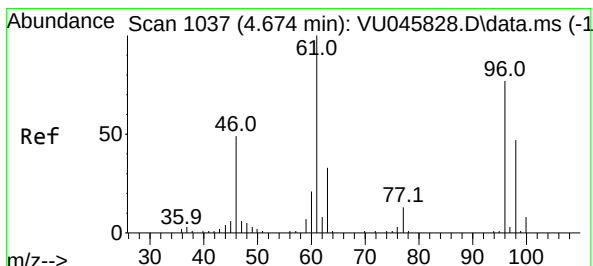
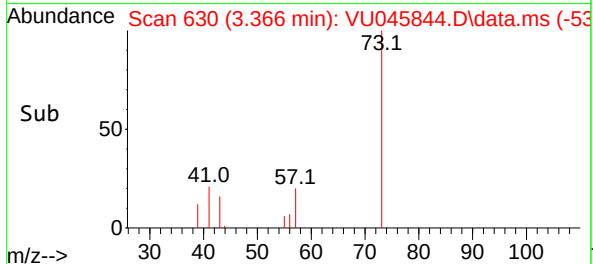
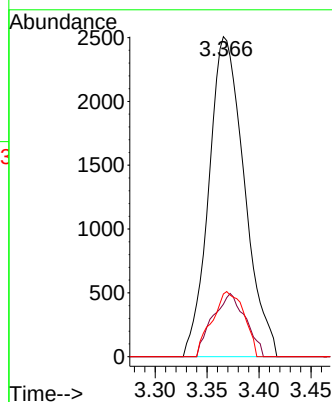
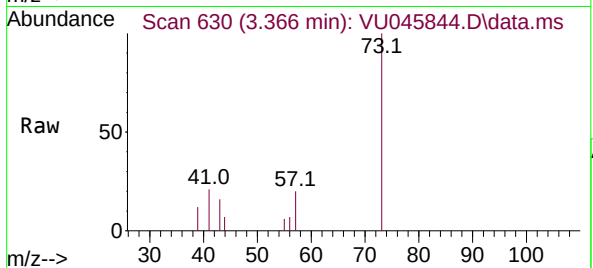
Acq: 17 Nov 2021 16:52

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 73	Resp: 5932
Ion Ratio	Lower Upper
73	100
43	18.4 14.8 22.2
57	18.3 17.4 26.0



#22

cis-1,2-Dichloroethene

Concen: 1.202 ug/L

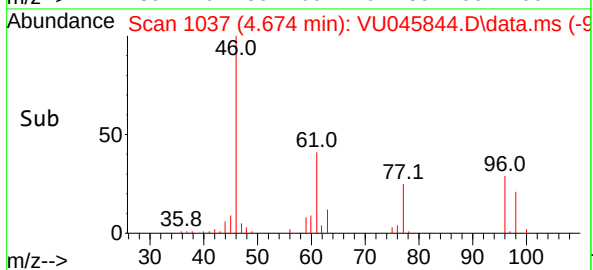
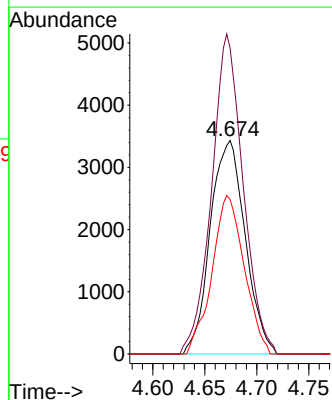
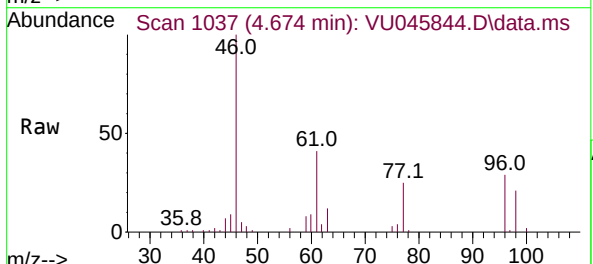
RT: 4.674 min Scan# 1037

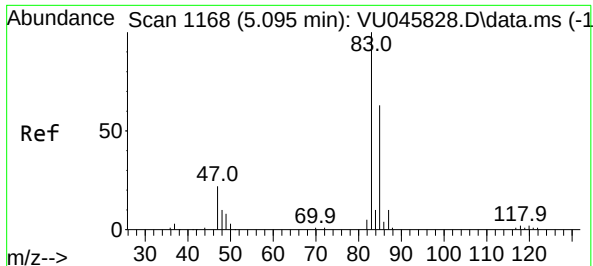
Delta R.T. -0.000 min

Lab File: VU045844.D

Acq: 17 Nov 2021 16:52

Tgt Ion: 96	Resp: 8028
Ion Ratio	Lower Upper
96	100
61	143.2 88.5 164.3
98	72.4 44.4 82.5





#25

Chloroform

Concen: 0.844 ug/L

RT: 5.095 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VU045844.D

Acq: 17 Nov 2021 16:52

Instrument :

MSVOA_U

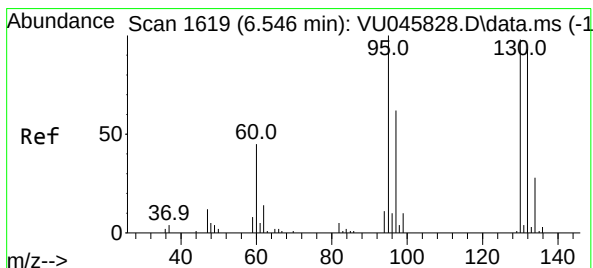
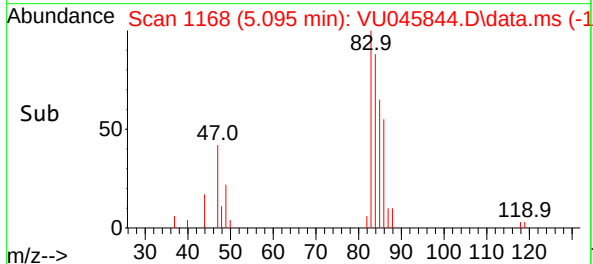
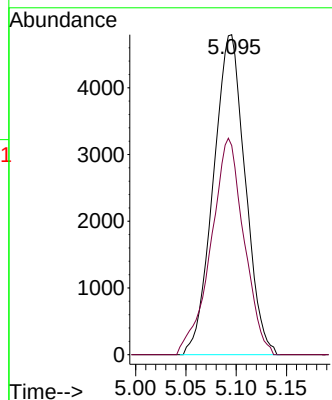
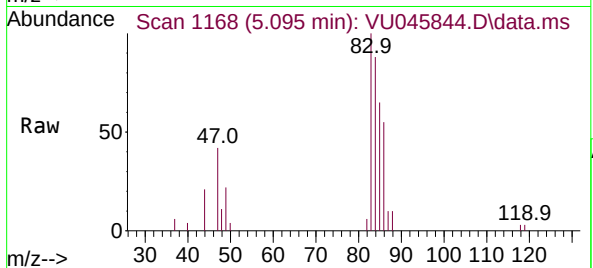
ClientSampleId :

Tgt Ion: 83 Resp: 10568

Ion Ratio Lower Upper

83 100

85 65.4 46.9 87.1



#34

Trichloroethene

Concen: 19.620 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU045844.D

Acq: 17 Nov 2021 16:52

Tgt Ion: 95 Resp: 138641

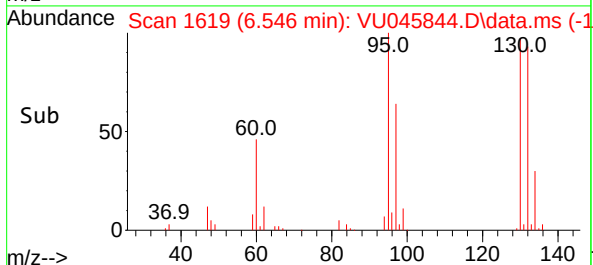
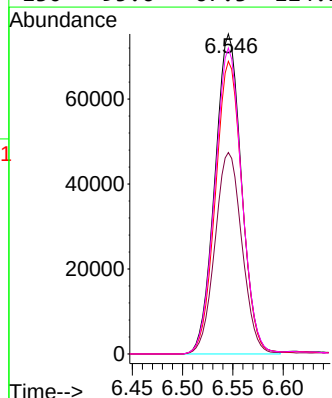
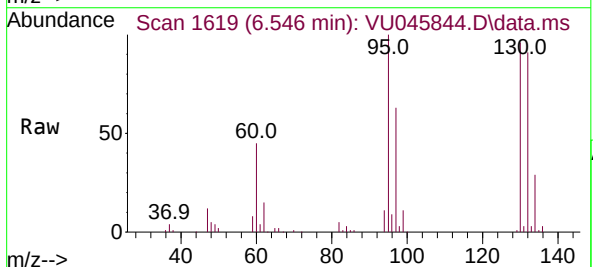
Ion Ratio Lower Upper

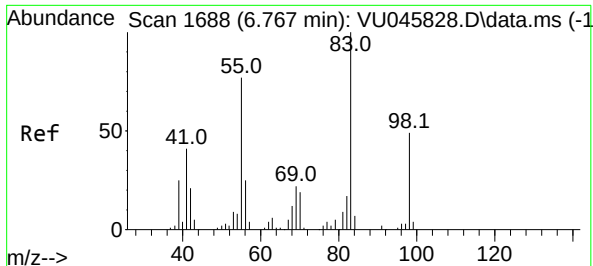
95 100

97 62.9 46.5 86.5

132 91.5 65.1 120.9

130 95.6 67.3 124.9

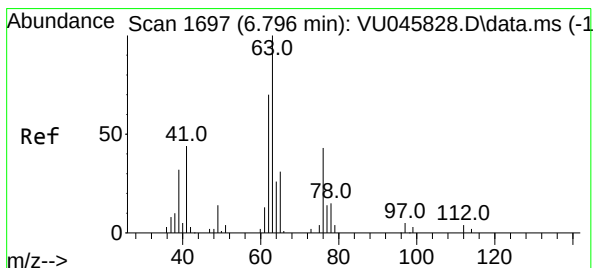
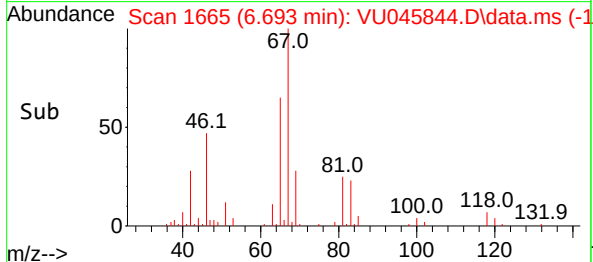
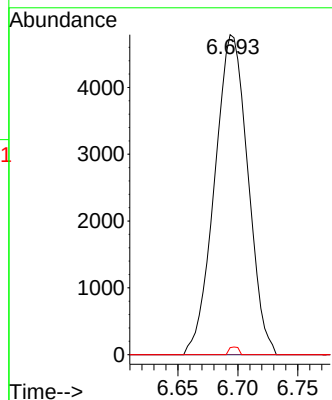
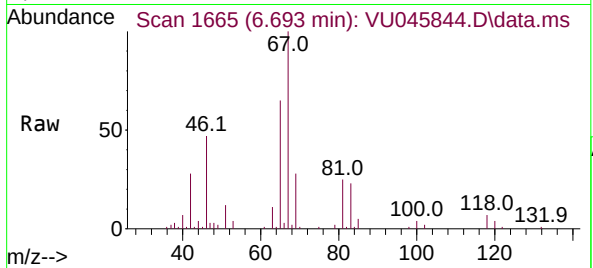




#35
Methylcyclohexane
Concen: 0.851 ug/L
RT: 6.693 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU045844.D
Acq: 17 Nov 2021 16:52

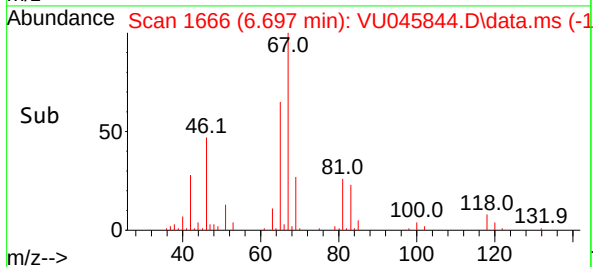
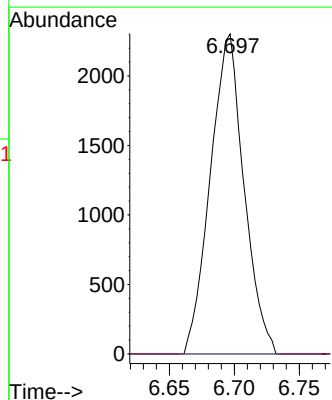
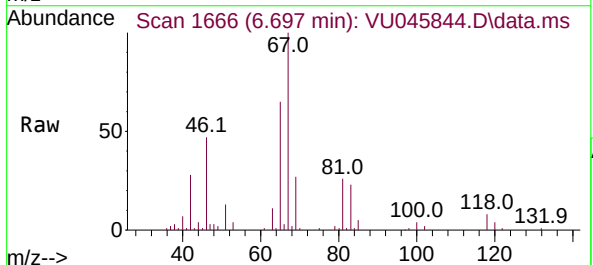
Instrument :
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ClientSampleId :

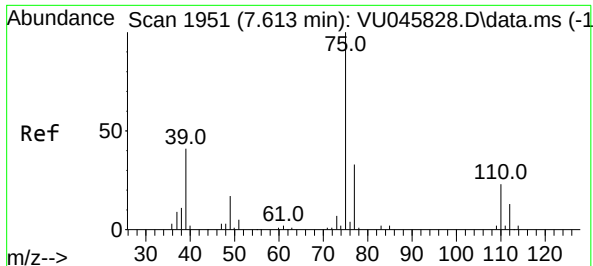
Tgt Ion: 83 Resp: 9240
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.0 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.575 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045844.D
Acq: 17 Nov 2021 16:52

Tgt Ion: 63 Resp: 4148
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 7.571 min Scan# 1951

Delta R.T. -0.042 min

Lab File: VU045844.D

Acq: 17 Nov 2021 16:52

Instrument :

MSVOA_U

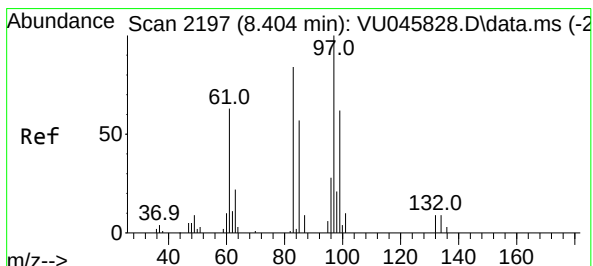
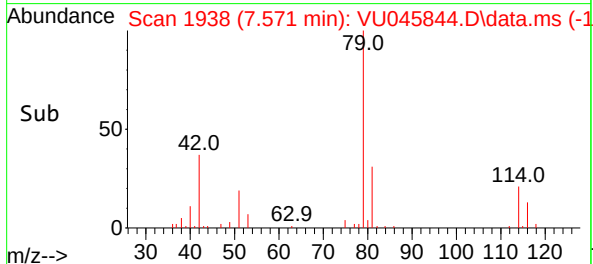
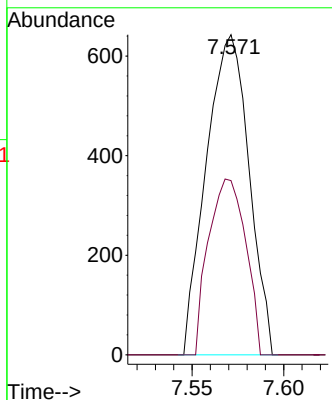
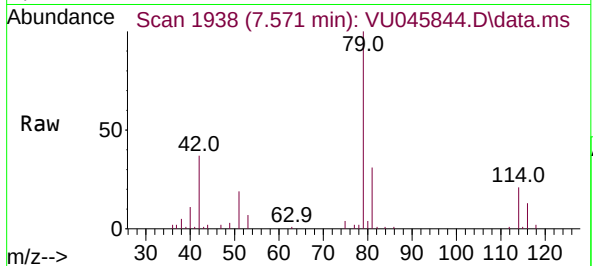
ClientSampleId :

Tgt Ion: 75 Resp: 1041

Ion Ratio Lower Upper

75 100

77 54.4 22.5 41.9#



#45

1,1,2-Trichloroethane

Concen: 0.339 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.148 min

Lab File: VU045844.D

Acq: 17 Nov 2021 16:52

Tgt Ion: 97 Resp: 1814

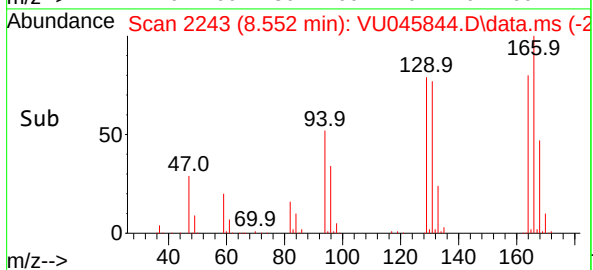
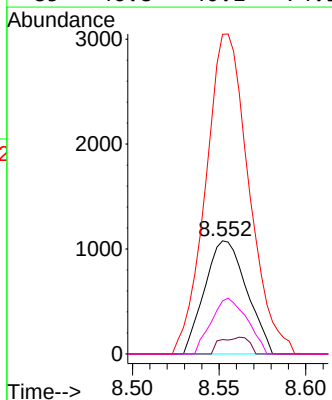
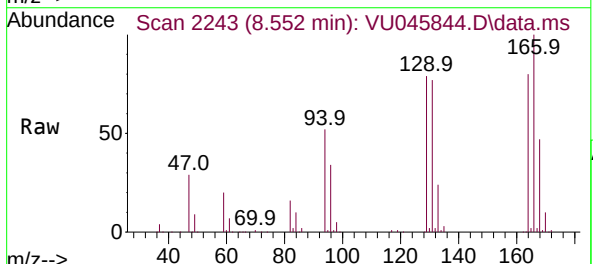
Ion Ratio Lower Upper

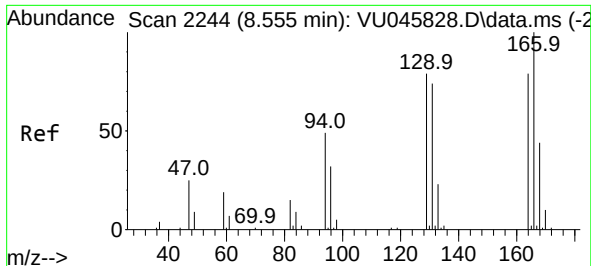
97 100

99 12.7 42.3 78.5#

83 282.7 62.0 115.2#

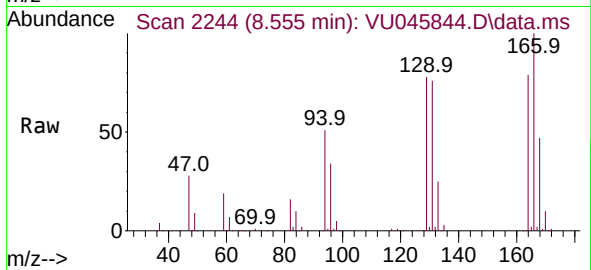
85 46.8 40.1 74.5



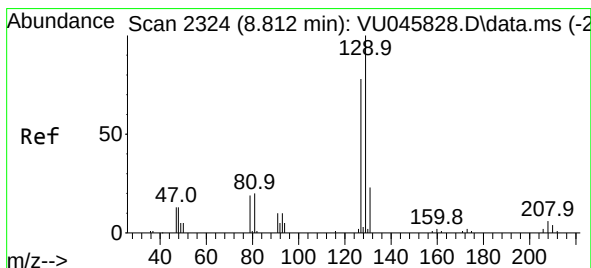
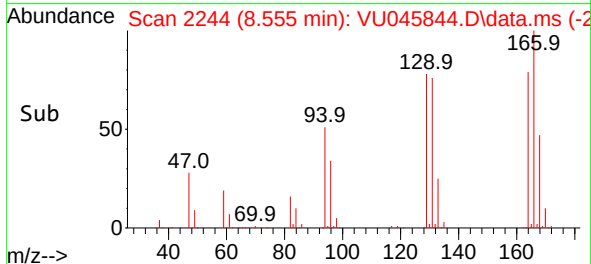
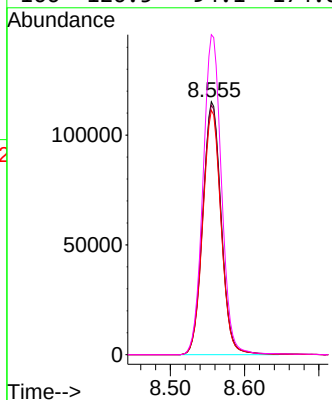


#47
Tetrachloroethene
Concen: 40.145 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU045844.D
Acq: 17 Nov 2021 16:52

Instrument :
MSVOA_U
ClientSampleId :

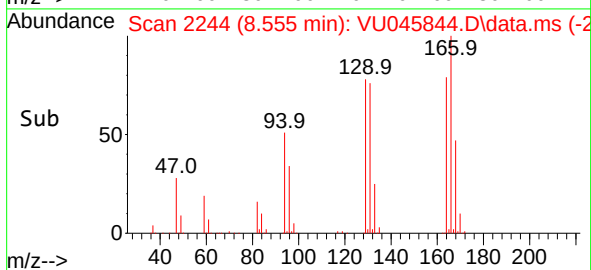
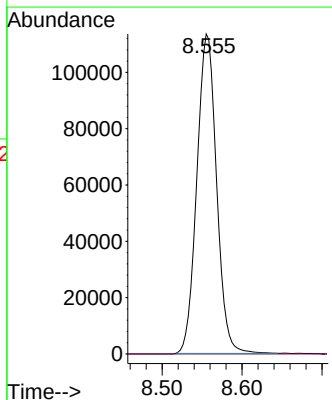
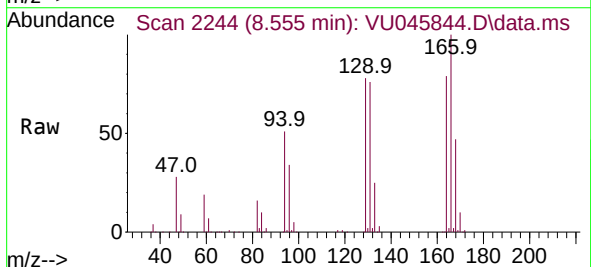


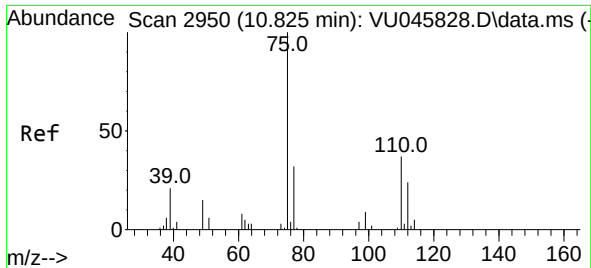
Tgt Ion:164 Resp: 198595
Ion Ratio Lower Upper
164 100
129 98.6 71.8 133.4
131 96.6 68.5 127.3
166 126.5 94.1 174.8



#49
Dibromochloromethane
Concen: 31.887 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU045844.D
Acq: 17 Nov 2021 16:52

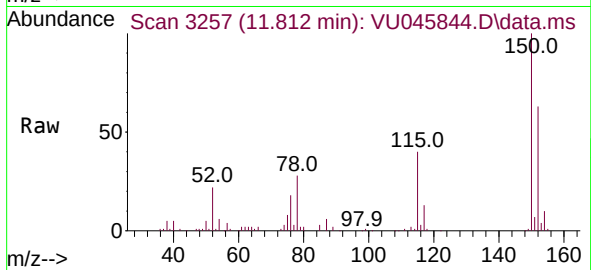
Tgt Ion:129 Resp: 194556
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.233 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU045844.D
 Acq: 17 Nov 2021 16:52

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5757
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 34.1 25.5 38.3

