

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111721\
 Data File : VU045831.D
 Acq On : 17 Nov 2021 11:37
 Operator : SY/MD
 Sample : M4686-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG1Z7

Quant Time: Nov 18 02:18:39 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)

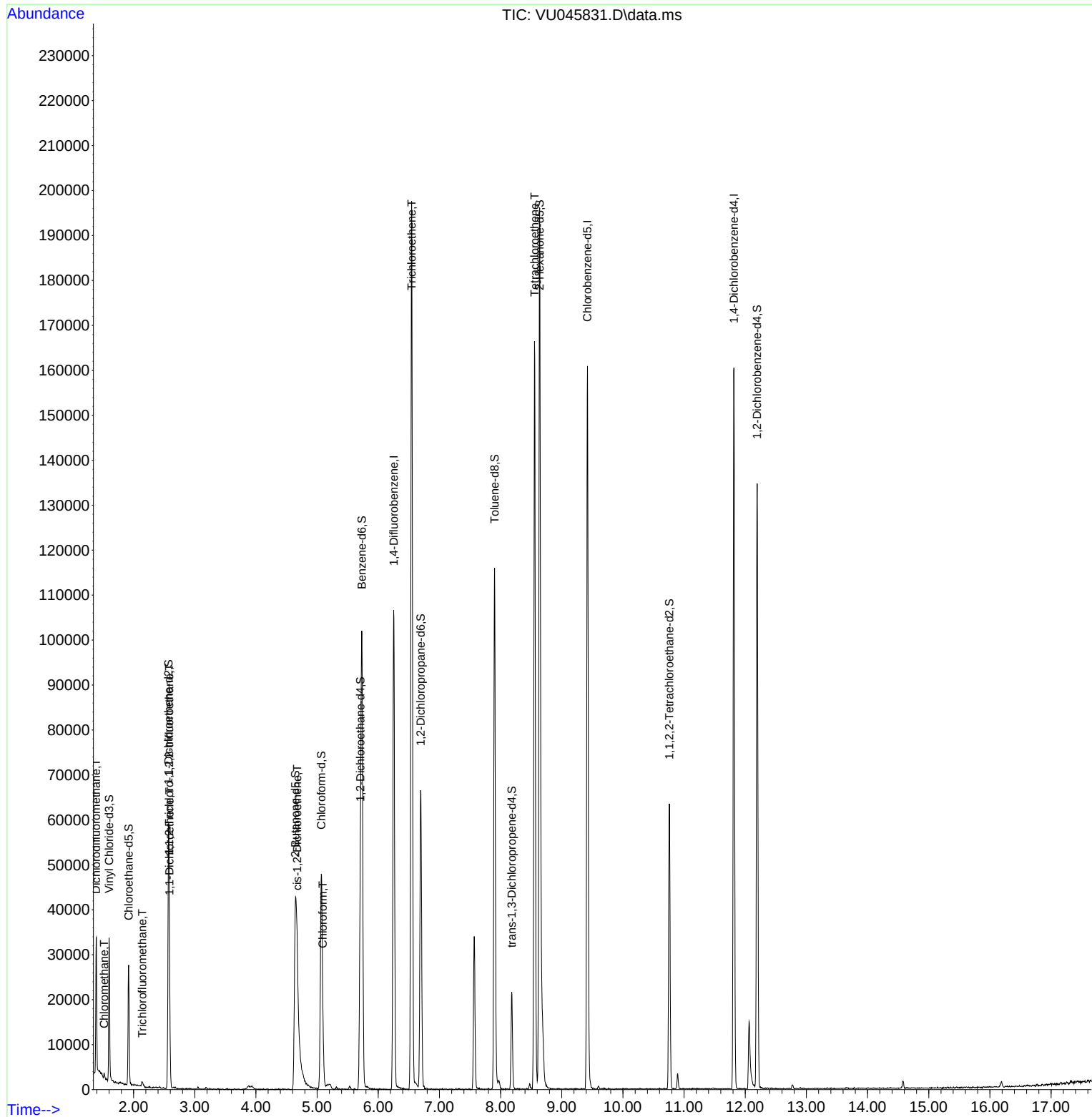
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	85902	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	90958	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	41090	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	21431	3.149	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.000%
7) Chloroethane-d5	1.919	69	19815	3.999	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.572	65	10130	3.549	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	4.645	46	102726	56.323	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.640%
24) Chloroform-d	5.070	84	43923	3.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
26) 1,2-Dichloroethane-d4	5.707	65	30487	4.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.732	84	94104	3.757	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
36) 1,2-Dichloropropane-d6	6.694	67	32654	4.136	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.800%
41) Toluene-d8	7.903	98	78509	3.465	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.200%#
43) trans-1,3-Dichloroprop...	8.182	79	12613	3.936	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.639	63	74085	51.361	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.720%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32692	4.902	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	33799	4.791	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	10025	1.433	ug/L	100
3) Chloromethane	1.520	50	952	0.128	ug/L	84
9) Trichlorofluoromethane	2.144	101	581	0.060	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	2452	0.435	ug/L	91
12) 1,1-Dichloroethene	2.588	96	3051	0.574	ug/L #	1
22) cis-1,2-Dichloroethene	4.674	96	3711	0.600	ug/L	97
25) Chloroform	5.092	83	8237	0.711	ug/L	98
34) Trichloroethene	6.546	95	67358	10.297	ug/L	98
47) Tetrachloroethene	8.555	164	36206	7.906	ug/L	96

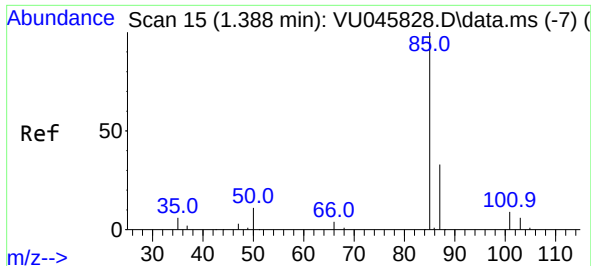
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 18 02:18:39 2021
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 18 02:11:55 2021
Response via : Initial Calibration

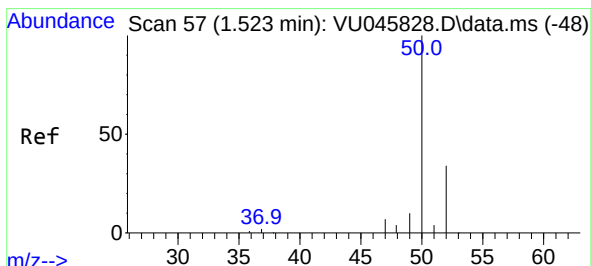
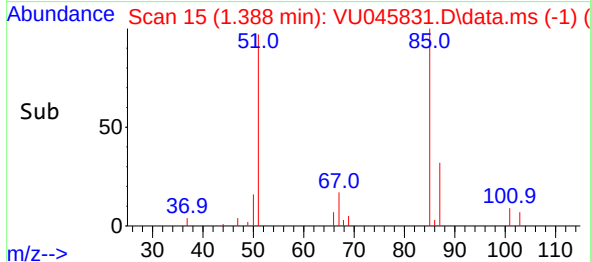
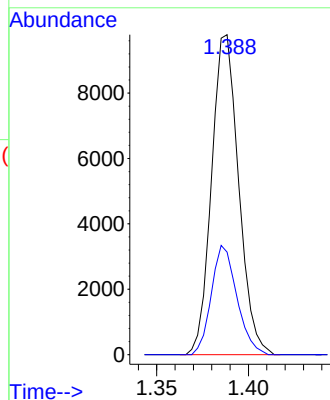
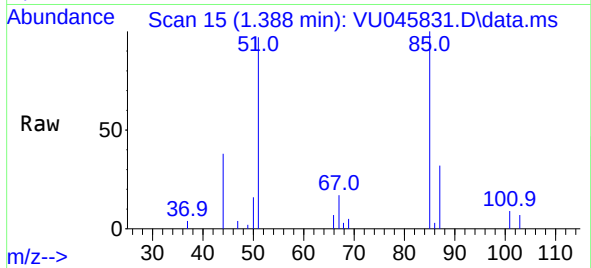




#2
Dichlorodifluoromethane
Concen: 1.433 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045831.D
Acq: 17 Nov 2021 11:37

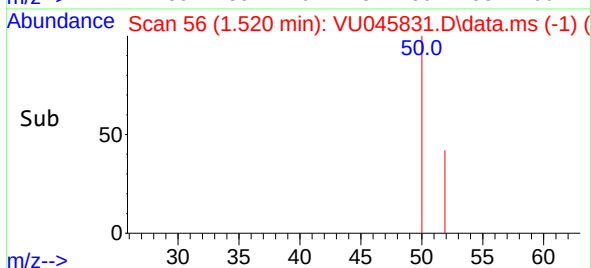
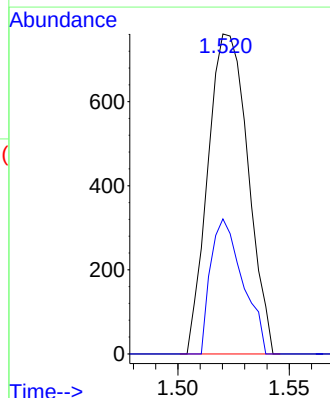
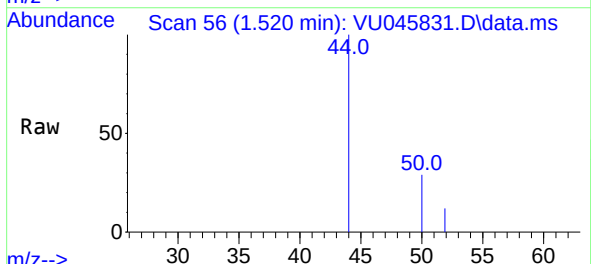
Instrument :
MSVOA_U
ClientSampleId :
BG1Z7

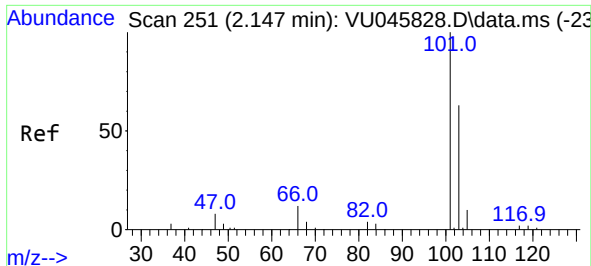
Tgt Ion: 85 Resp: 10025
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.6



#3
Chloromethane
Concen: 0.128 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU045831.D
Acq: 17 Nov 2021 11:37

Tgt Ion: 50 Resp: 952
Ion Ratio Lower Upper
50 100
52 42.2 23.0 42.8

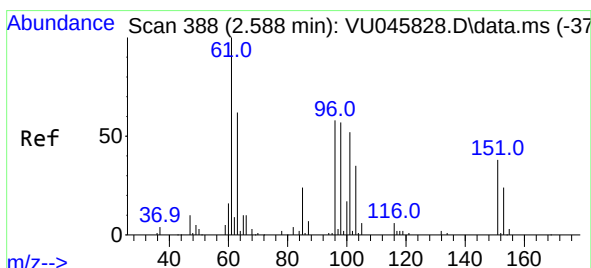
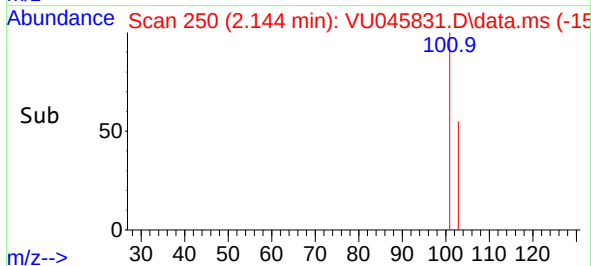
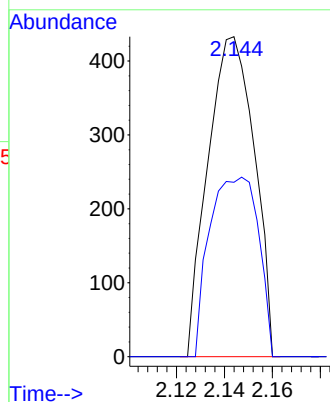
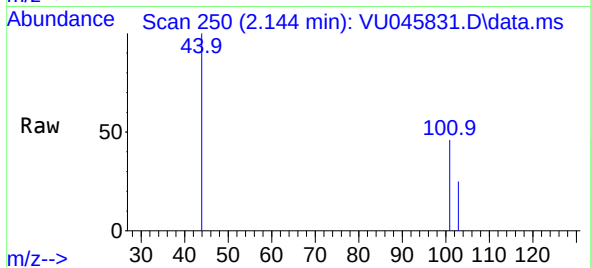




#9
Trichlorofluoromethane
Concen: 0.060 ug/L
RT: 2.144 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045831.D
Acq: 17 Nov 2021 11:37

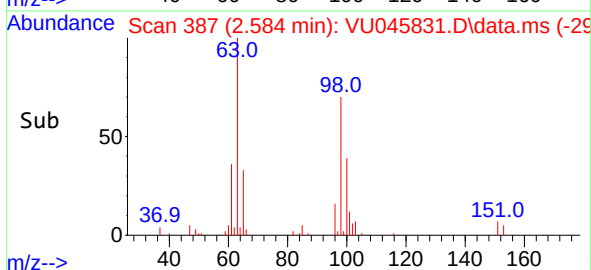
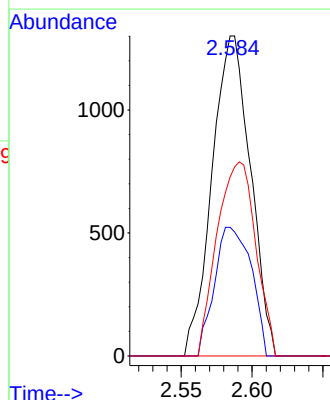
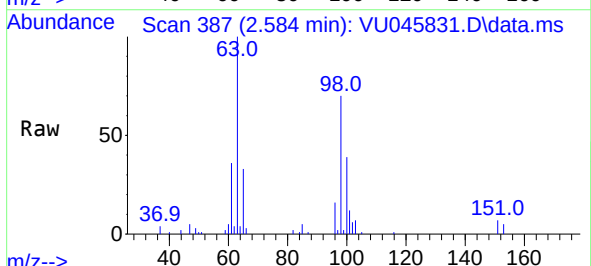
Instrument :
MSVOA_U
ClientSampleId :
BG1Z7

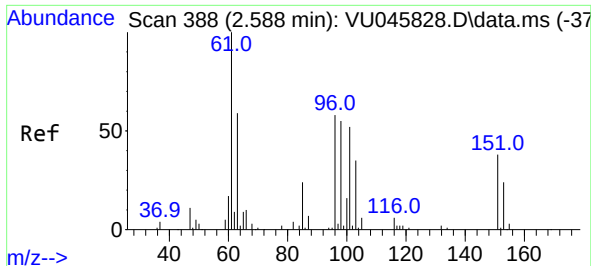
Tgt Ion:101 Resp: 581
Ion Ratio Lower Upper
101 100
103 59.0 51.5 77.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.435 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU045831.D
Acq: 17 Nov 2021 11:37

Tgt Ion:101 Resp: 2452
Ion Ratio Lower Upper
101 100
85 38.5 34.6 51.8
151 61.2 56.1 84.1

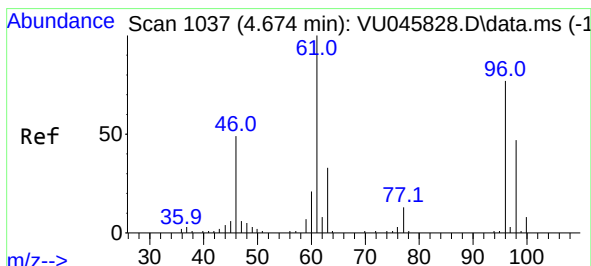
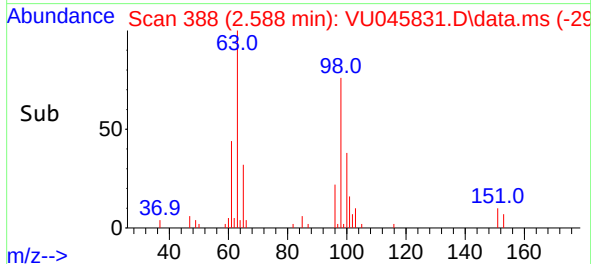
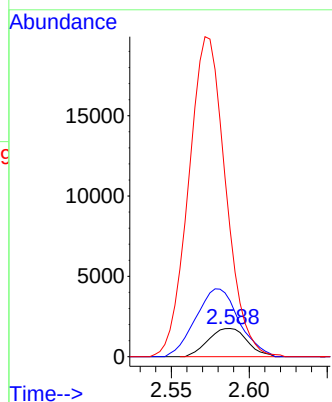
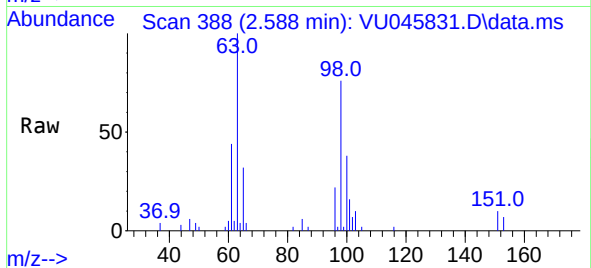




#12
1,1-Dichloroethene
Concen: 0.574 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU045831.D
Acq: 17 Nov 2021 11:37

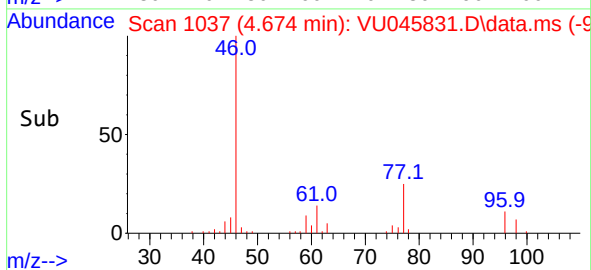
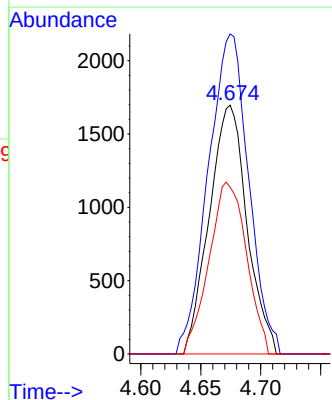
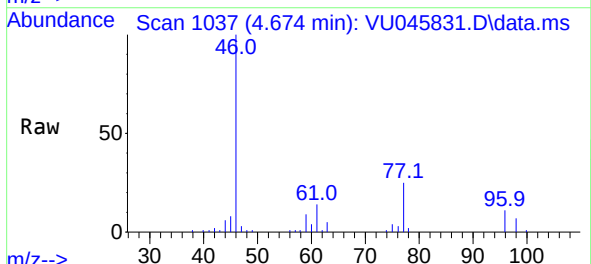
Instrument :
MSVOA_U
ClientSampleId :
BG1Z7

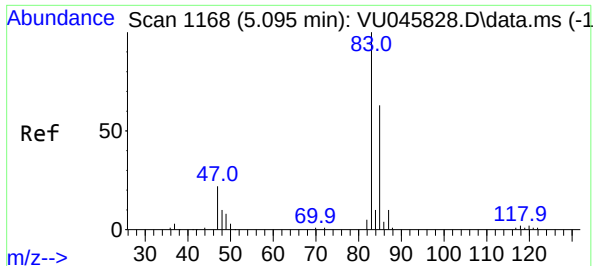
Tgt Ion: 96 Resp: 3051
Ion Ratio Lower Upper
96 100
61 197.6 124.7 231.5
63 450.0 105.2 195.4#



#22
cis-1,2-Dichloroethene
Concen: 0.600 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU045831.D
Acq: 17 Nov 2021 11:37

Tgt Ion: 96 Resp: 3711
Ion Ratio Lower Upper
96 100
61 128.6 88.5 164.3
98 67.1 44.4 82.5





#25

Chloroform

Concen: 0.711 ug/L

RT: 5.092 min Scan# 1168

Delta R.T. -0.003 min

Lab File: VU045831.D

Acq: 17 Nov 2021 11:37

Instrument :

MSVOA_U

ClientSampleId :

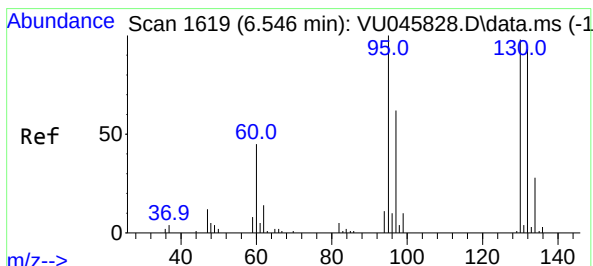
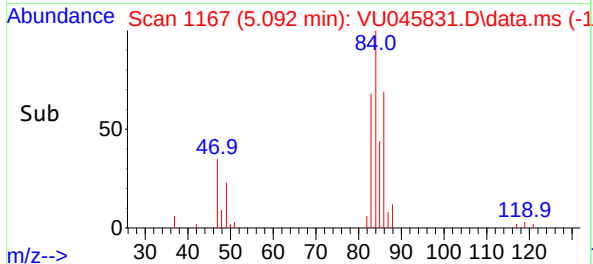
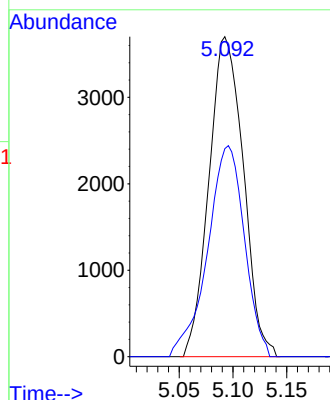
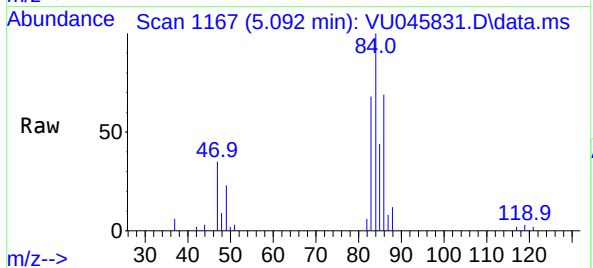
BG1Z7

Tgt Ion: 83 Resp: 8237

Ion Ratio Lower Upper

83 100

85 65.0 46.9 87.1



#34

Trichloroethene

Concen: 10.297 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU045831.D

Acq: 17 Nov 2021 11:37

Tgt Ion: 95 Resp: 67358

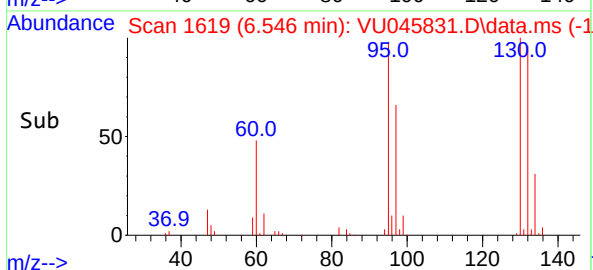
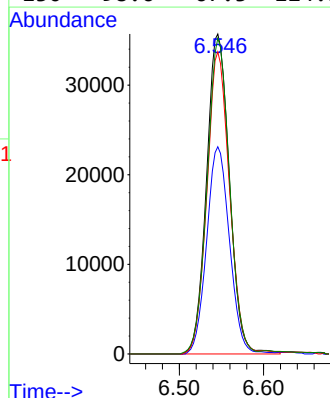
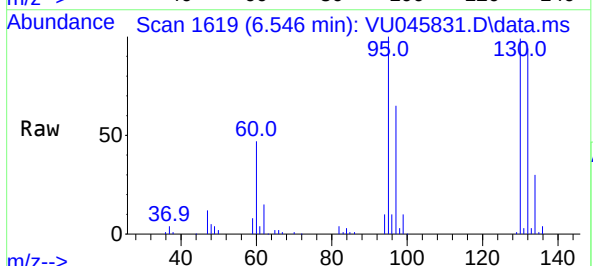
Ion Ratio Lower Upper

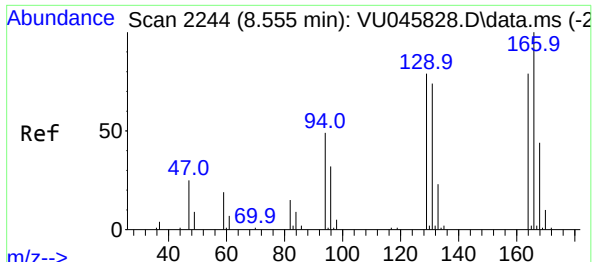
95 100

97 64.8 46.5 86.5

132 94.4 65.1 120.9

130 98.6 67.3 124.9





#47
 Tetrachloroethene
 Concen: 7.906 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU045831.D
 Acq: 17 Nov 2021 11:37

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:164 Resp: 36206

Ion	Ratio	Lower	Upper
164	100		
129	98.3	71.8	133.4
131	96.8	68.5	127.3
166	126.7	94.1	174.8

