

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051521\
 Data File : VU043764.D
 Acq On : 14 May 2021 19:03
 Operator : SY/MD
 Sample : M2376-09DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG1Z1DL

Quant Time: May 15 01:19:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 15 00:49:19 2021
 Response via : Initial Calibration

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

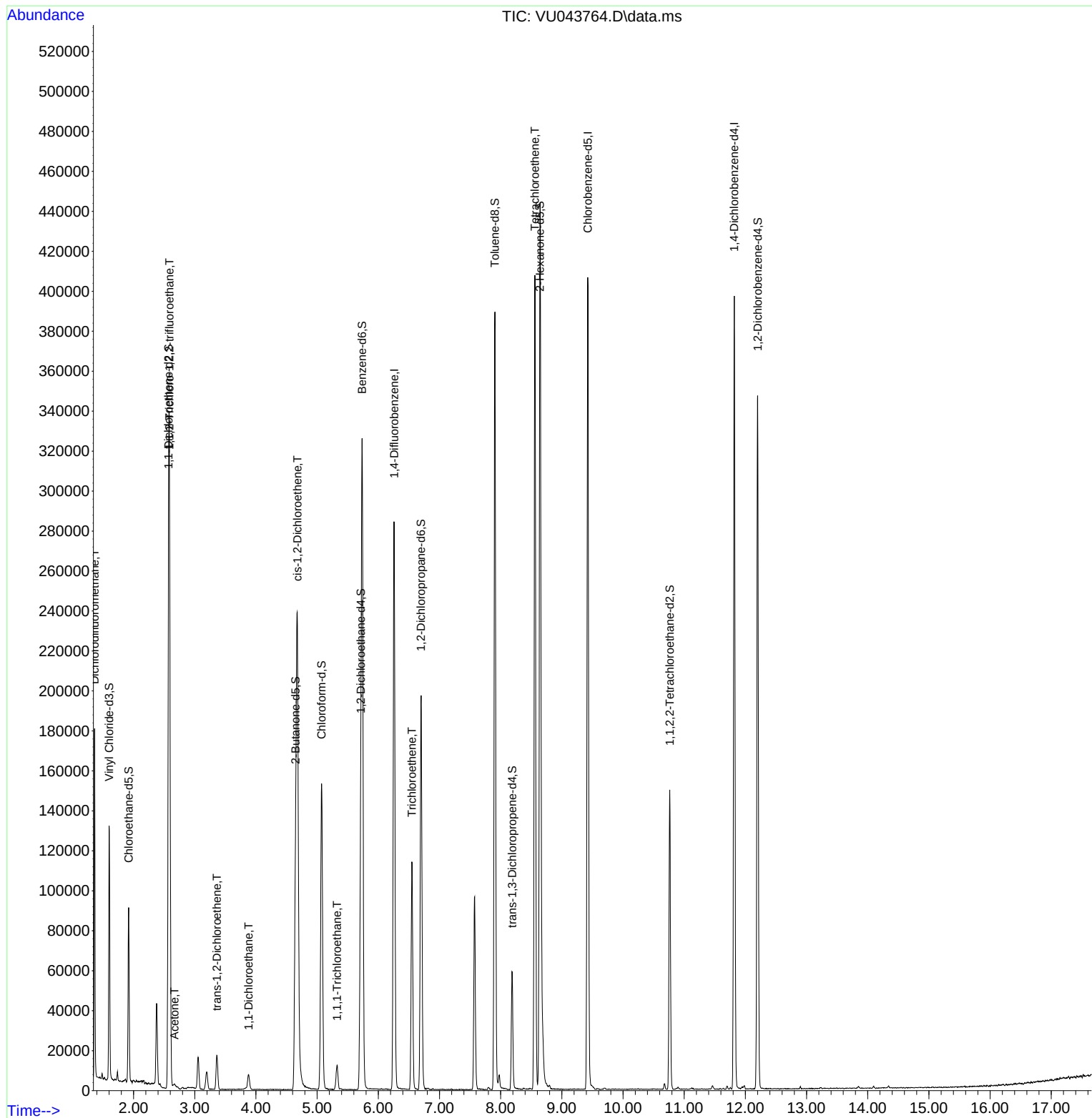
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	236347	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	235460	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	106849	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	88217	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.919	69	63104	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.571	65	35869	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.20%
20) 2-Butanone-d5	4.649	46	216359	65.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.58%#
24) Chloroform-d	5.073	84	143457	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.713	65	75392	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.735	84	306389	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.700	67	96588	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.906	98	259644	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
43) trans-1,3-Dichloroprop...	8.189	79	33572	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.642	63	164180	51.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.04%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	75601	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	96344	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.363	85	16778	0.97	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	90440	5.70	ug/L	99
13) Acetone	2.668	43	5330	2.53	ug/L	62
18) trans-1,2-Dichloroethene	3.362	96	7340	0.45	ug/L	96
19) 1,1-Dichloroethane	3.880	63	8337	0.28	ug/L	98
22) cis-1,2-Dichloroethene	4.678	96	90197	5.24	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	8607	0.35	ug/L	97
34) Trichloroethene	6.549	95	39245	2.25	ug/L	97
47) Tetrachloroethene	8.558	164	95071	6.73	ug/L	98

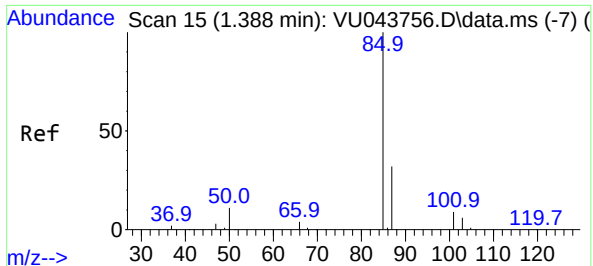
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BG1Z1DL

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat May 15 00:49:19 2021
Response via : Initial Calibration

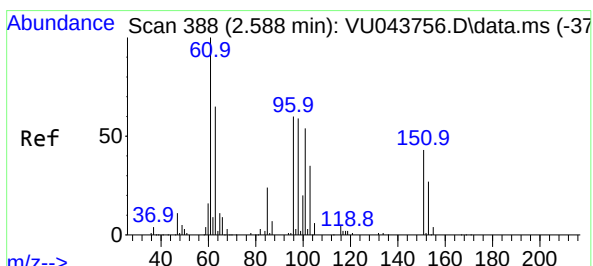
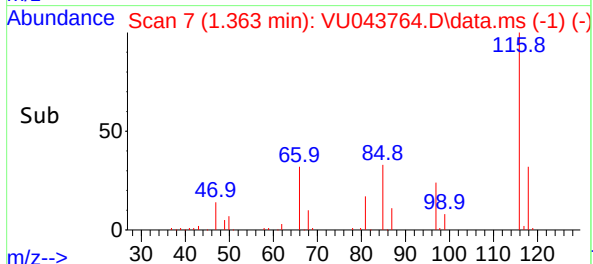
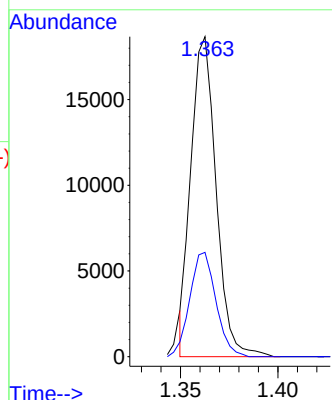
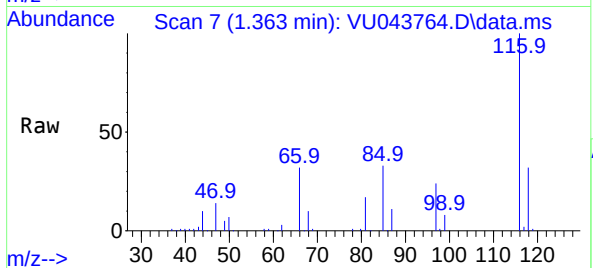




#2
Dichlorodifluoromethane
Concen: 0.97 ug/L
RT: 1.363 min Scan# 7
Delta R.T. -0.026 min
Lab File: VU043764.D
Acq: 14 May 2021 19:03

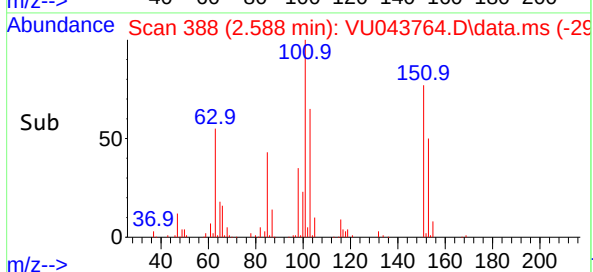
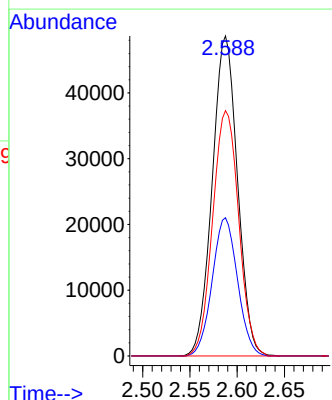
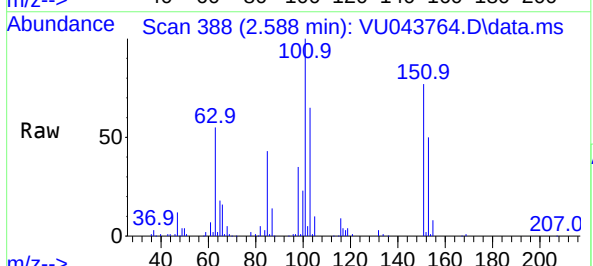
Instrument :
MSVOA_U
ClientSampleId :
BG1Z1DL

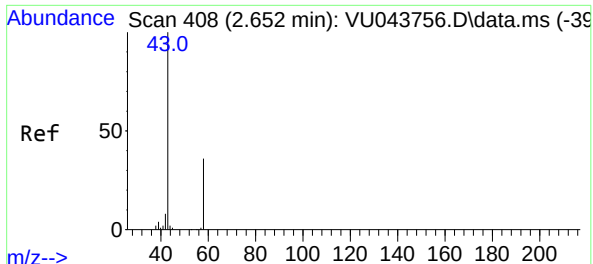
Tgt Ion: 85 Resp: 16778
Ion Ratio Lower Upper
85 100
87 32.7 25.5 38.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.70 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU043764.D
Acq: 14 May 2021 19:03

Tgt Ion:101 Resp: 90440
Ion Ratio Lower Upper
101 100
85 43.3 34.3 51.5
151 79.0 62.7 94.1

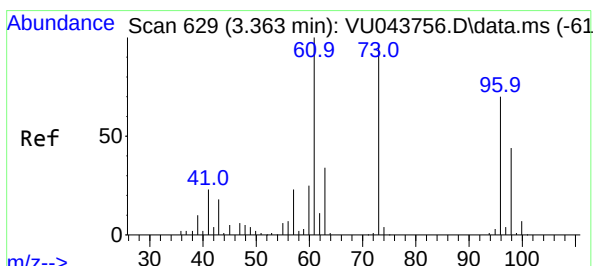
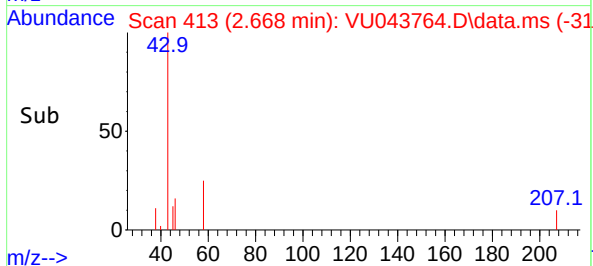
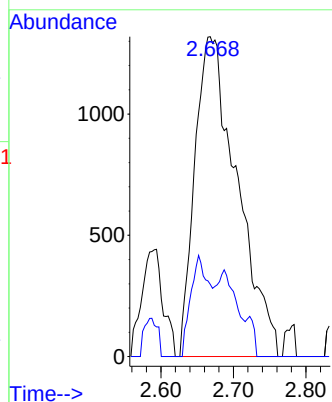
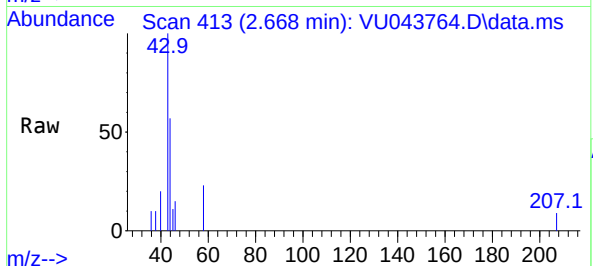




#13
Acetone
Concen: 2.53 ug/L
RT: 2.668 min Scan# 413
Delta R.T. 0.016 min
Lab File: VU043764.D
Acq: 14 May 2021 19:03

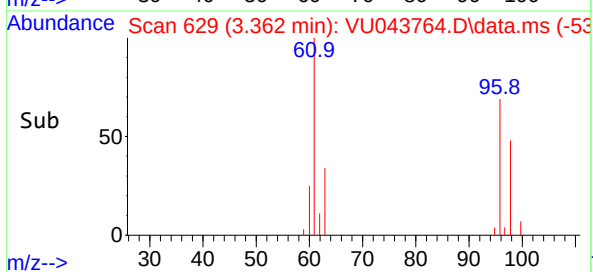
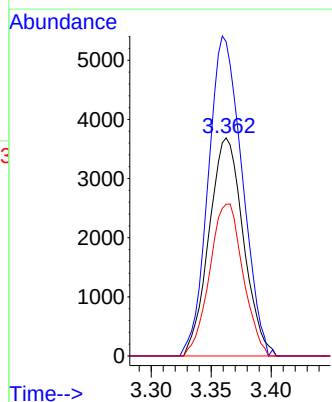
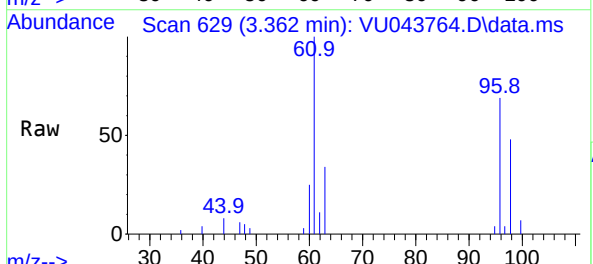
Instrument :
MSVOA_U
ClientSampled :
BG1Z1DL

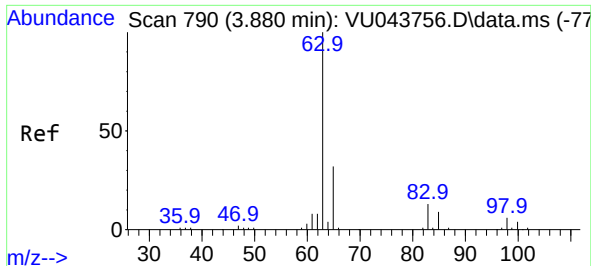
Tgt Ion: 43 Resp: 5330
Ion Ratio Lower Upper
43 100
58 13.7 0.0 71.6



#18
trans-1,2-Dichloroethene
Concen: 0.45 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU043764.D
Acq: 14 May 2021 19:03

Tgt Ion: 96 Resp: 7340
Ion Ratio Lower Upper
96 100
61 137.2 99.6 185.0
98 66.2 43.8 81.4

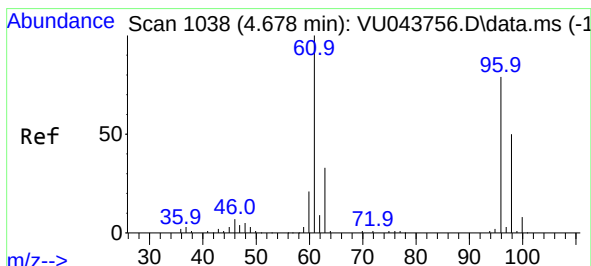
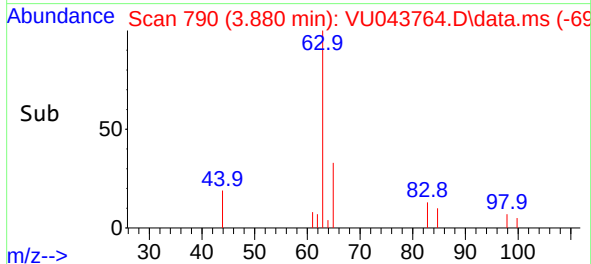
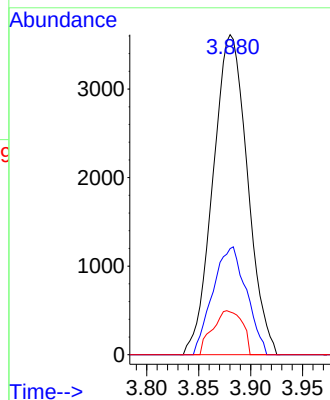
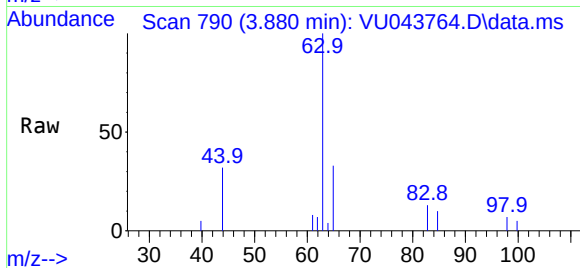




#19
1,1-Dichloroethane
Concen: 0.28 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU043764.D
Acq: 14 May 2021 19:03

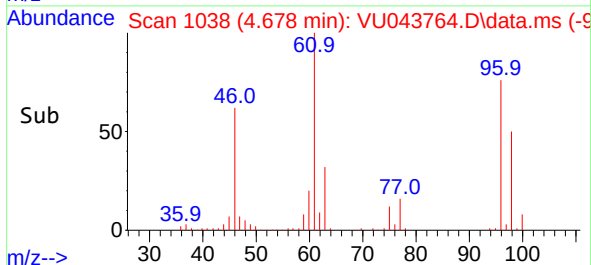
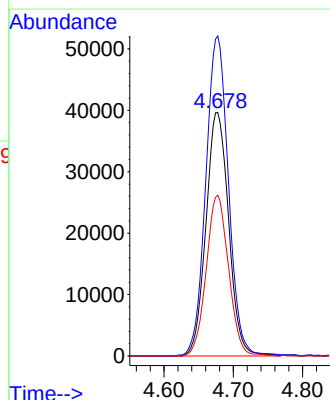
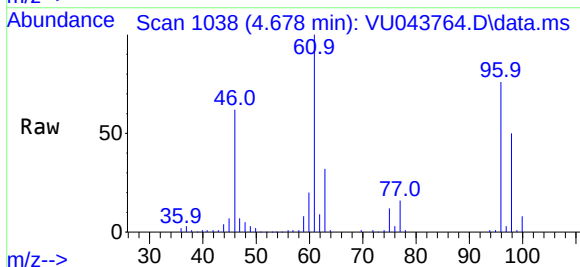
Instrument :
MSVOA_U
ClientSampled :
BG1Z1DL

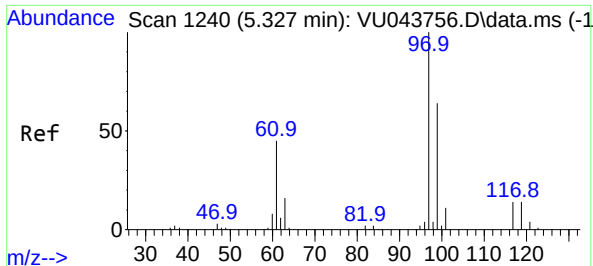
Tgt Ion: 63	Resp: 8337		
Ion Ratio	Lower	Upper	
63	100		
65	33.1	22.3	41.3
83	13.3	9.0	16.8



#22
cis-1,2-Dichloroethene
Concen: 5.24 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU043764.D
Acq: 14 May 2021 19:03

Tgt Ion: 96	Resp: 90197
Ion Ratio	Lower Upper
96 100	
61 131.5	89.0 165.4
98 66.1	44.9 83.3



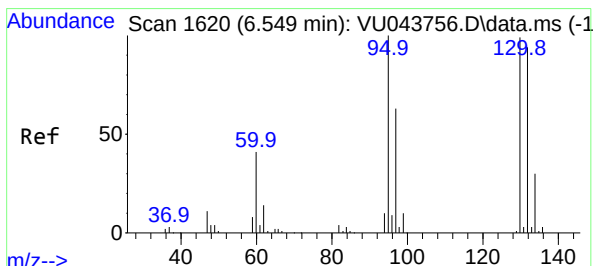
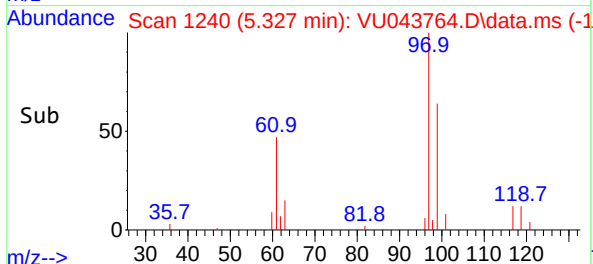
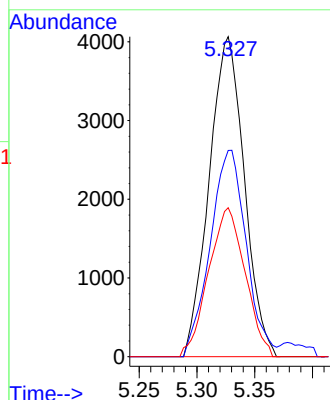
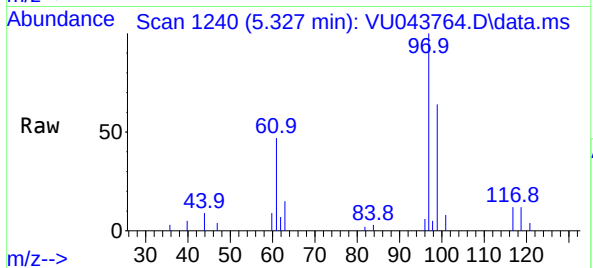


#29
1,1,1-Trichloroethane
Concen: 0.35 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU043764.D
Acq: 14 May 2021 19:03

Instrument :
MSVOA_U
ClientSampled :
BG1Z1DL

Tgt Ion: 97 Resp: 8607

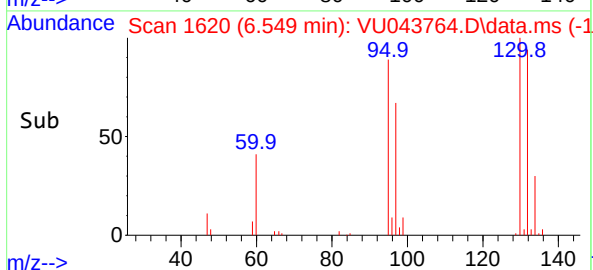
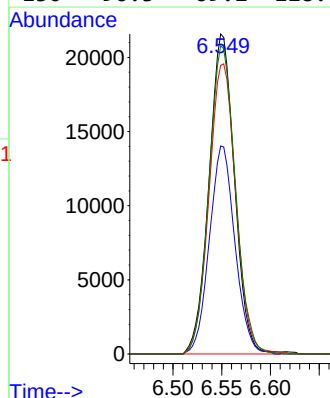
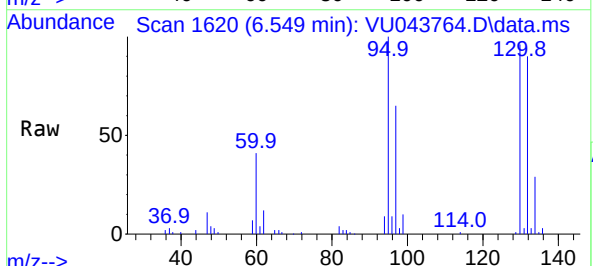
Ion	Ratio	Lower	Upper
97	100		
99	66.3	51.1	76.7
61	48.4	37.0	55.4

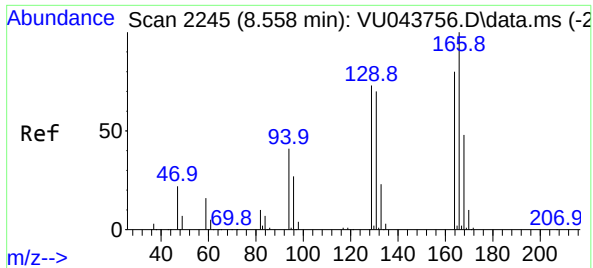


#34
Trichloroethene
Concen: 2.25 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043764.D
Acq: 14 May 2021 19:03

Tgt Ion: 95 Resp: 39245

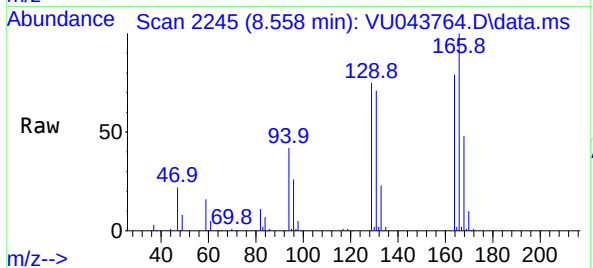
Ion	Ratio	Lower	Upper
95	100		
97	65.0	44.3	82.3
132	90.2	66.0	122.6
130	96.3	69.2	128.6





#47
 Tetrachloroethene
 Concen: 6.73 ug/L
 RT: 8.558 min Scan# 2245
 Delta R.T. -0.000 min
 Lab File: VU043764.D
 Acq: 14 May 2021 19:03

Instrument :
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 ClientSampleId :
 BG1Z1DL



Tgt Ion:164 Resp: 95071

Ion	Ratio	Lower	Upper
164	100		
129	94.3	64.1	119.1
131	89.4	61.2	113.8
166	126.0	87.8	163.2

