

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 :

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
5) Vinyl chloride	1.607	62	1988	0.10	ug/L #	1
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
16) Methylene chloride	3.057	84	7625	0.33	ug/L	92
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
27) 1,2-Dichloroethane	5.735	62	1411	0.08	ug/L #	74
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
35) Methylcyclohexane	6.700	83	21828	0.80	ug/L #	17
37) 1,2-Dichloropropane	6.700	63	10332	0.58	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	2035	0.09	ug/L #	38
47) Tetrachloroethene	8.558	164	95071	6.73	ug/L	98
49) Dibromochloromethane	8.558	129	87736	6.14	ug/L #	11
61) 1,2,3-Trichloropropane	11.816	75	12702	1.25	ug/L #	69

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ClientSampleId :

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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

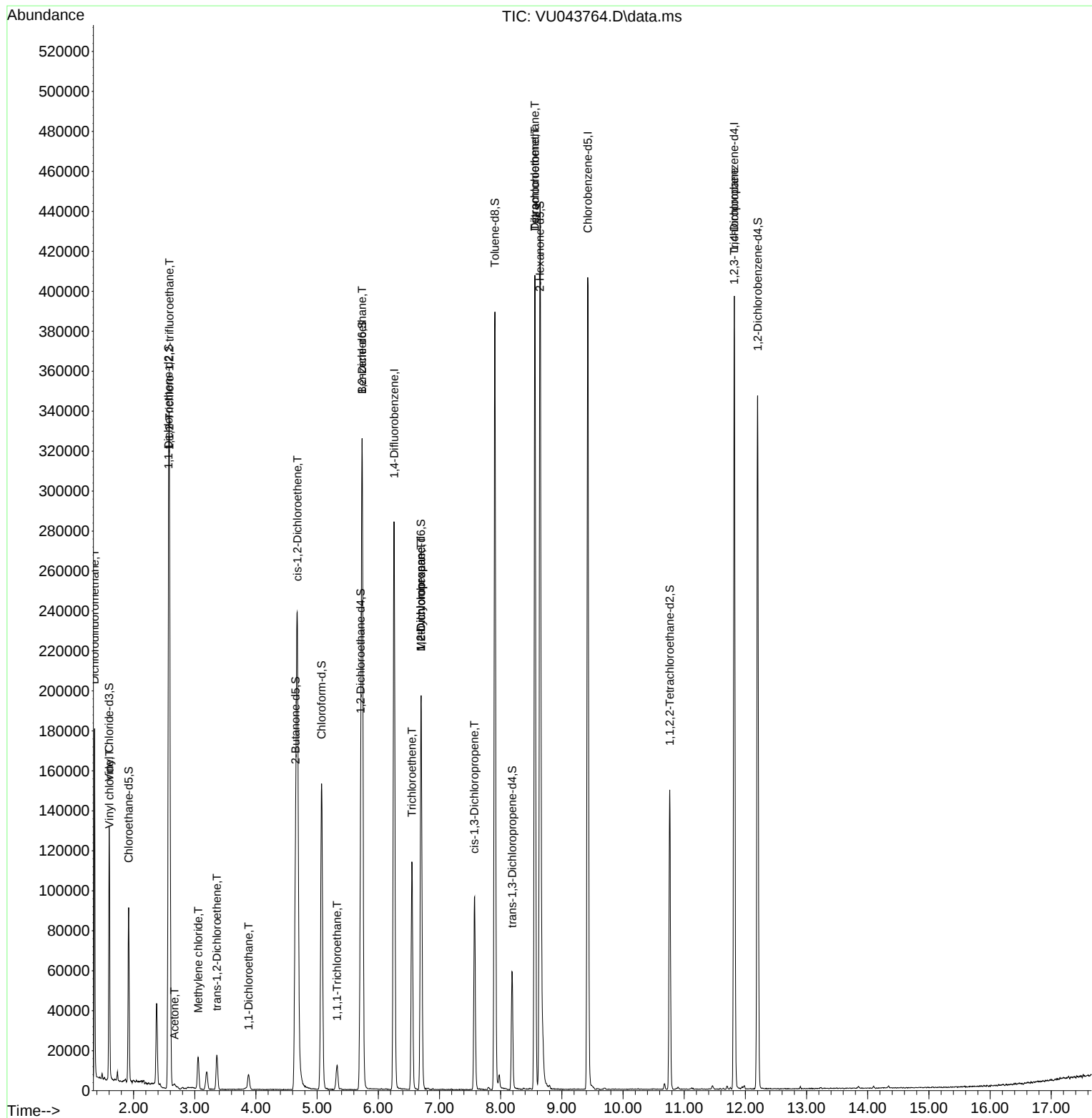
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

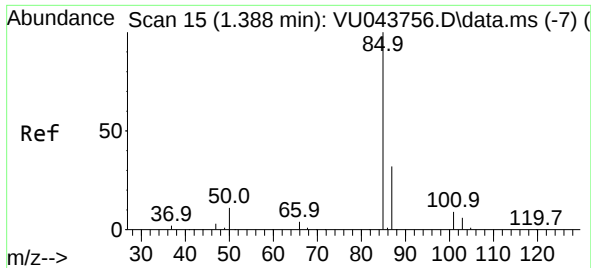
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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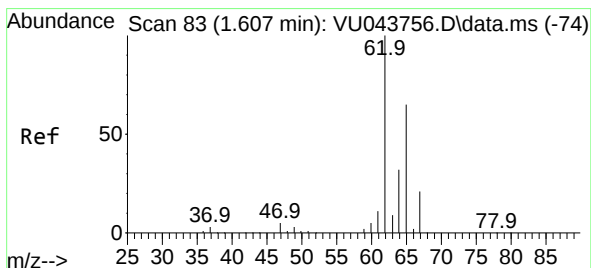
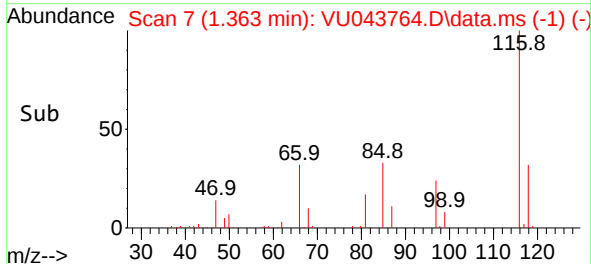
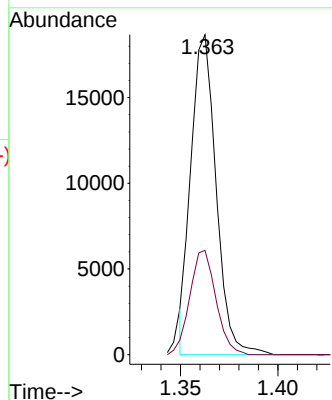
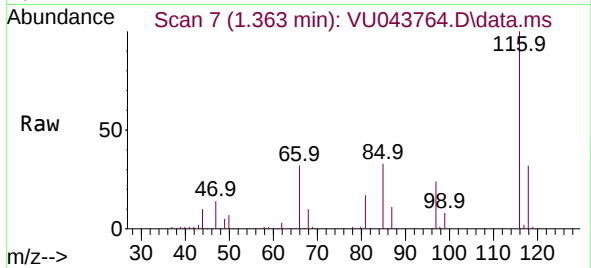




#2
Dichlorodifluoromethane
Concen: 0.97 ug/L
RT: 1.363 min Scan# 7
Delta R.T. -0.026 min
Lab File: VU043764.D
Acq: 14 May 2021 19:03

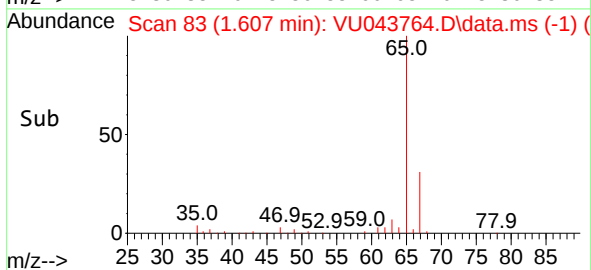
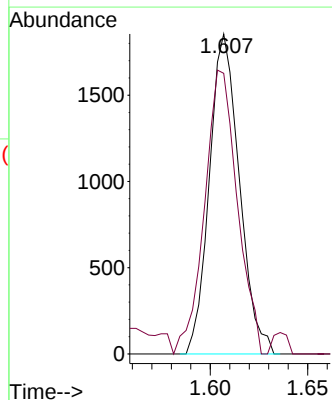
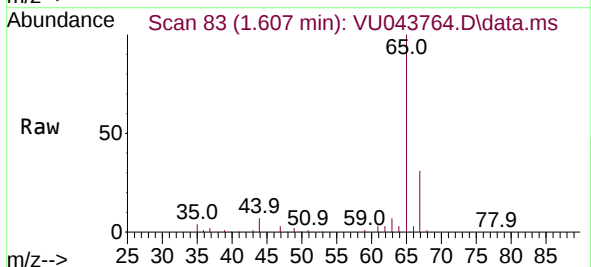
Instrument :
MSVOA_U
ClientSampled :

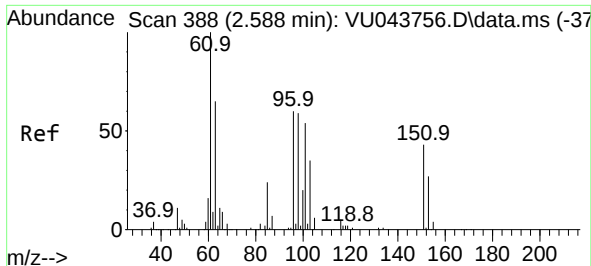
Tgt Ion: 85 Resp: 16778
Ion Ratio Lower Upper
85 100
87 32.7 25.5 38.3



#5
Vinyl chloride
Concen: 0.10 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU043764.D
Acq: 14 May 2021 19:03

Tgt Ion: 62 Resp: 1988
Ion Ratio Lower Upper
62 100
64 87.7 22.1 41.1#





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.70 ug/L

RT: 2.588 min Scan# 388

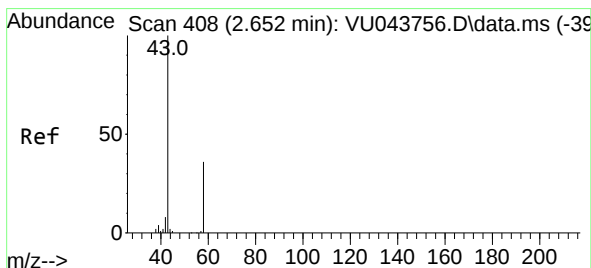
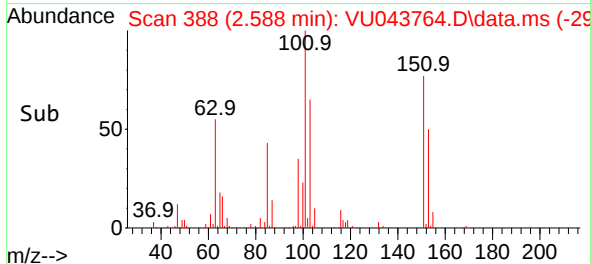
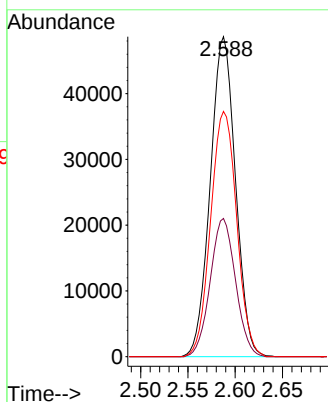
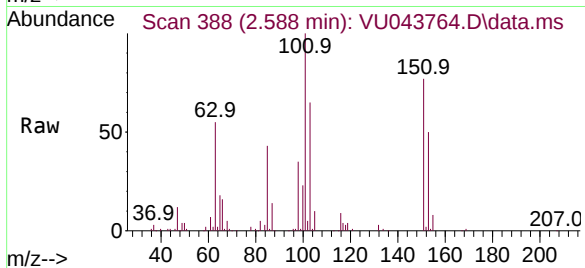
Delta R.T. -0.000 min

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

Instrument :
MSVOA_U
ClientSampleId :



#13

Acetone

Concen: 2.53 ug/L

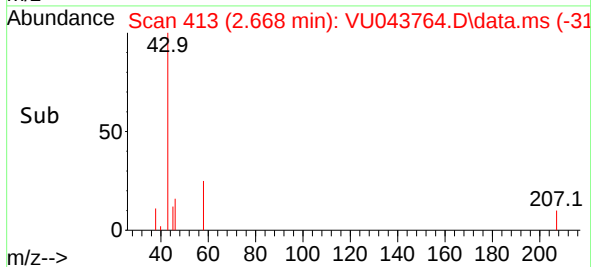
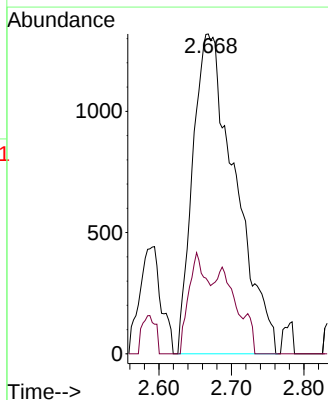
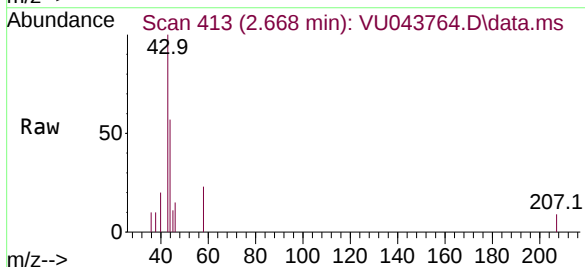
RT: 2.668 min Scan# 413

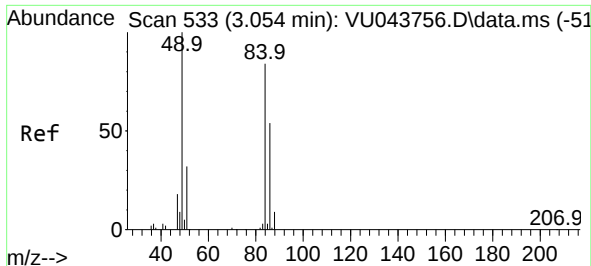
Delta R.T. 0.016 min

Lab File: VU043764.D

Acq: 14 May 2021 19:03

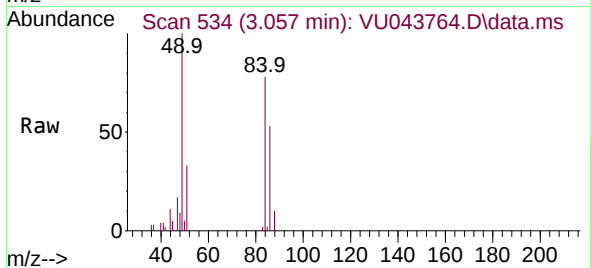
Tgt Ion:	43	Resp:	5330
Ion	Ratio	Lower	Upper
43	100		
58	13.7	0.0	71.6



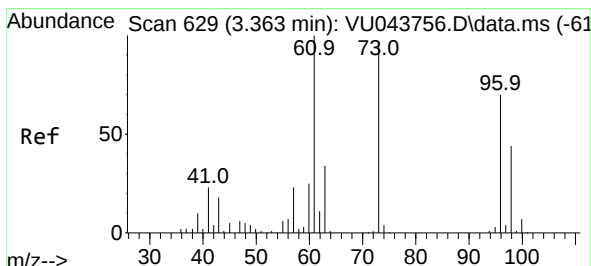
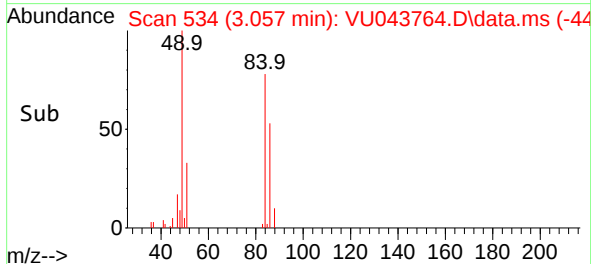
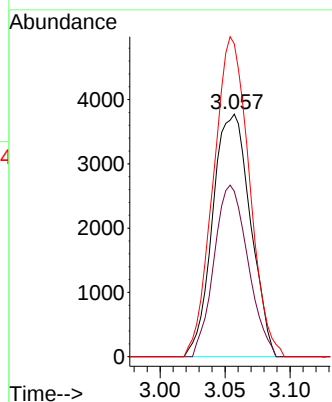


#16
Methylene chloride
Concen: 0.33 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU043764.D
Acq: 14 May 2021 19:03

Instrument :
MSVOA_U
ClientSampled :

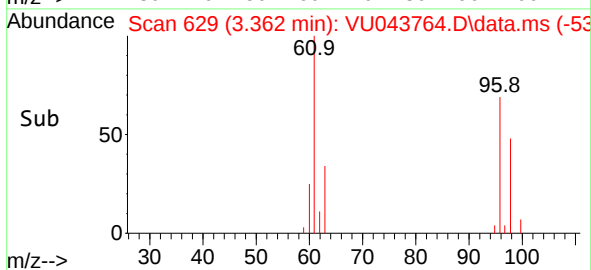
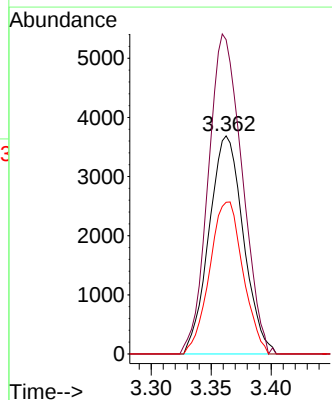
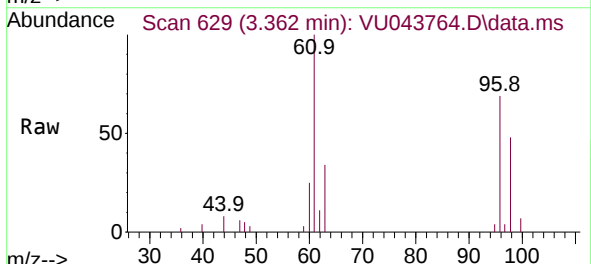


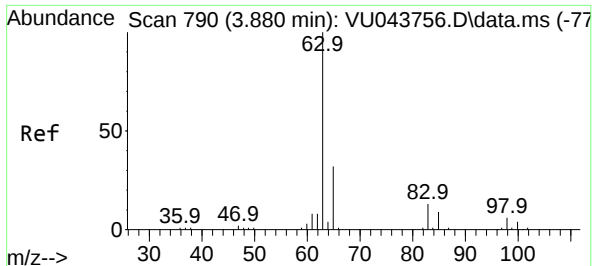
Tgt Ion: 84 Resp: 7625
Ion Ratio Lower Upper
84 100
86 68.2 44.7 82.9
49 128.9 83.1 154.3



#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

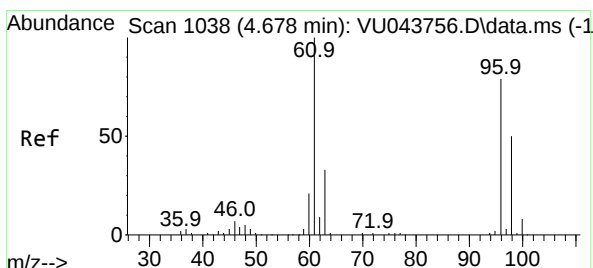
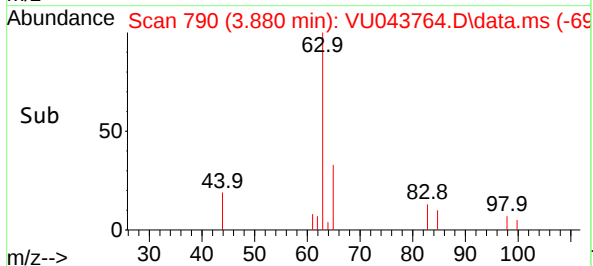
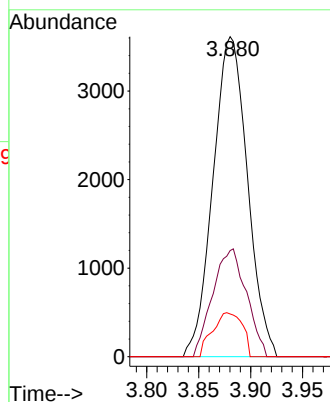
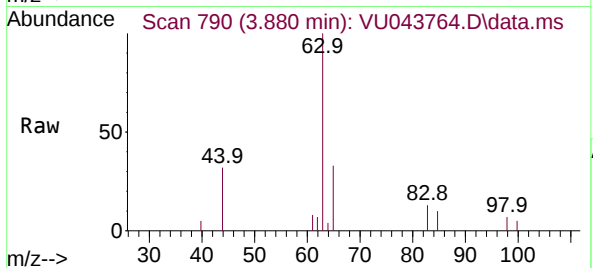
Delta R.T. -0.000 min

Lab File: VU043764.D

Acq: 14 May 2021 19:03

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

Instrument :
MSVOA_U
ClientSampled :



#22

cis-1,2-Dichloroethene

Concen: 5.24 ug/L

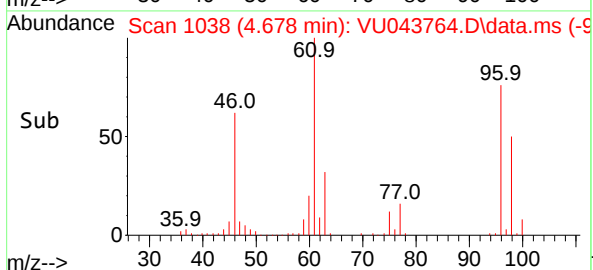
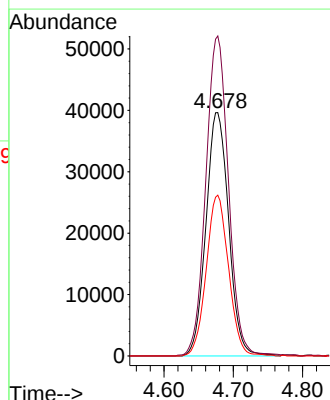
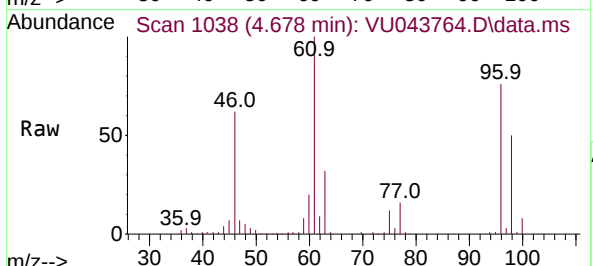
RT: 4.678 min Scan# 1038

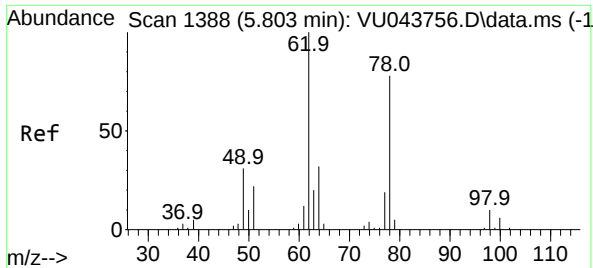
Delta R.T. -0.000 min

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

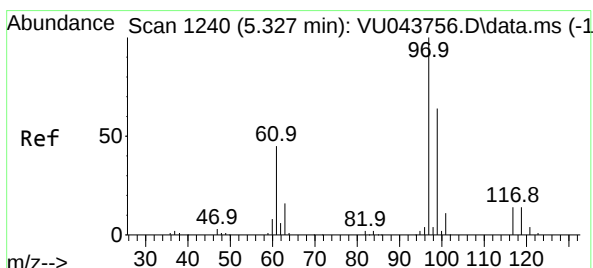
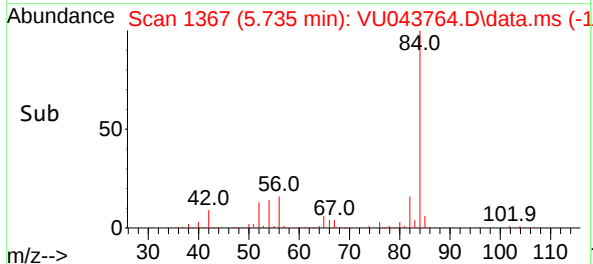
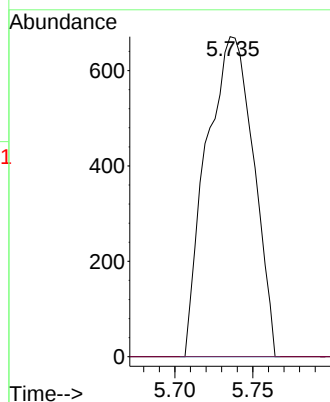
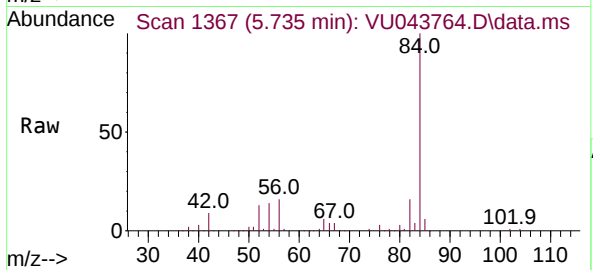




#27
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.068 min
Lab File: VU043764.D
Acq: 14 May 2021 19:03

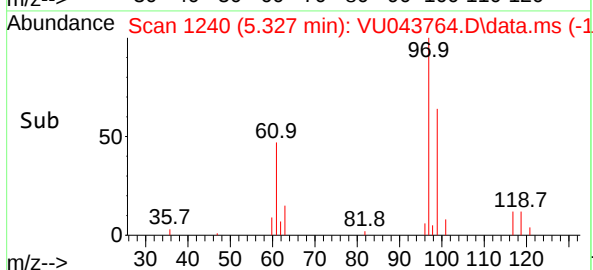
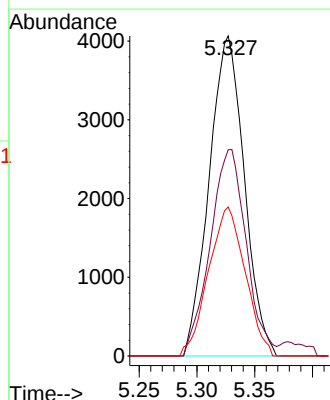
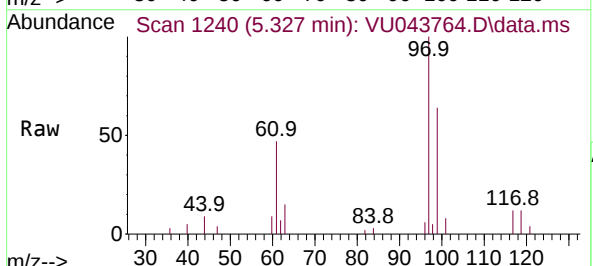
Instrument :
MSVOA_U
ClientSampled :

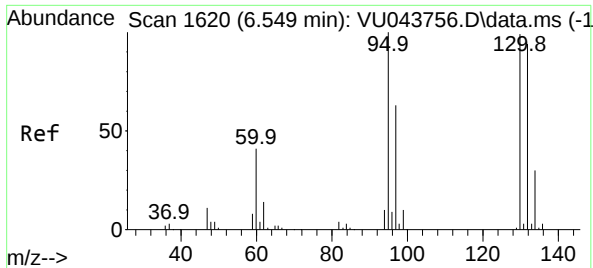
Tgt Ion: 62 Resp: 1411
Ion Ratio Lower Upper
62 100
98 0.0 7.7 11.5#



#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

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



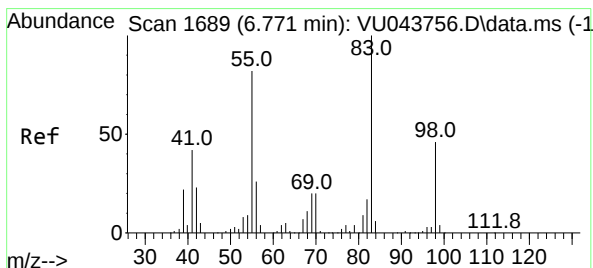
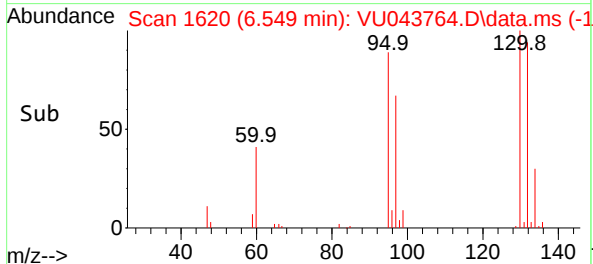
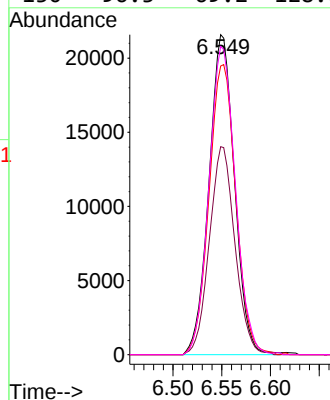
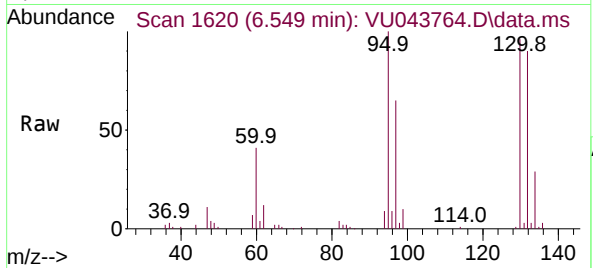


#34
Trichloroethene
Concen: 2.25 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043764.D
Acq: 14 May 2021 19:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 39245

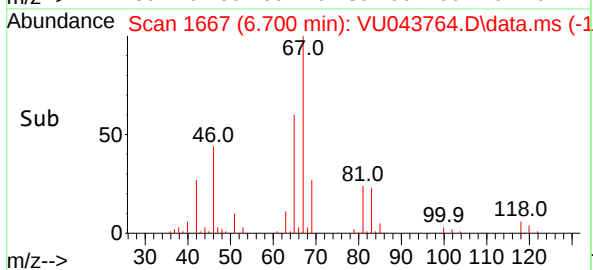
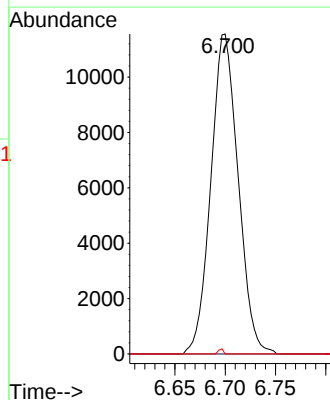
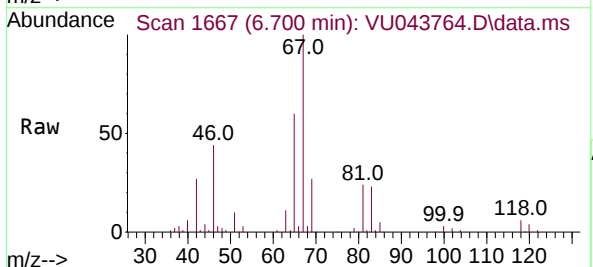
Ion	Ratio	Lower	Upper
95	100		
97	65.0	44.3	82.3
132	90.2	66.0	122.6
130	96.3	69.2	128.6

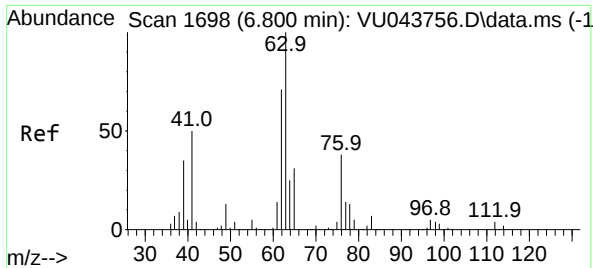


#35
Methylcyclohexane
Concen: 0.80 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043764.D
Acq: 14 May 2021 19:03

Tgt Ion: 83 Resp: 21828

Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.8	97.2#
98	0.0	35.9	53.9#



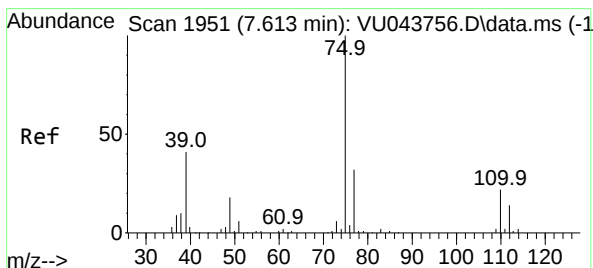
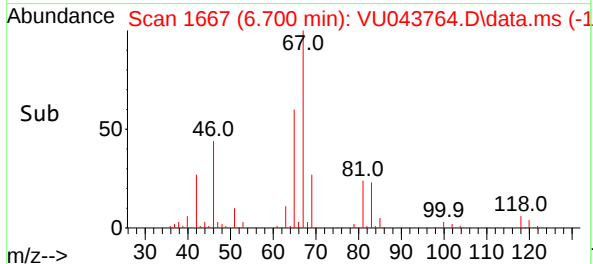
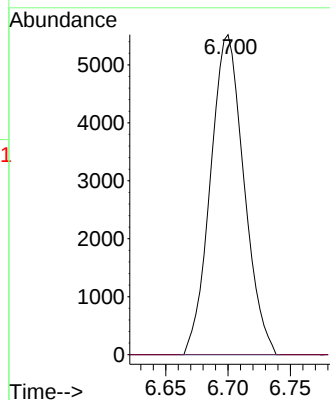
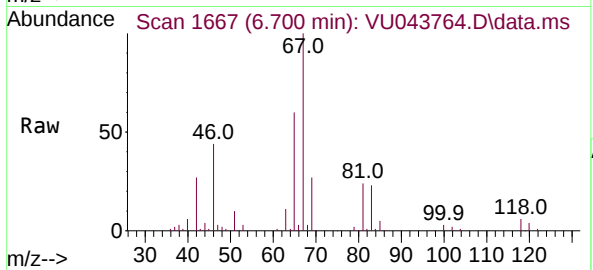


#37

1,2-Dichloropropane
Concen: 0.58 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043764.D
Acq: 14 May 2021 19:03

Instrument :
MSVOA_U
ClientSampled :

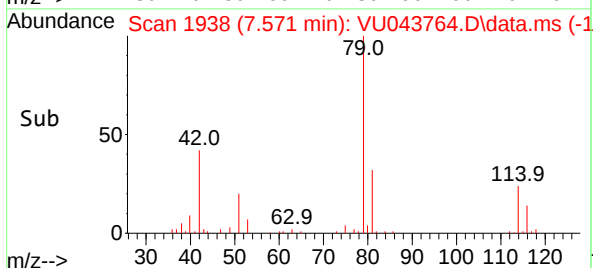
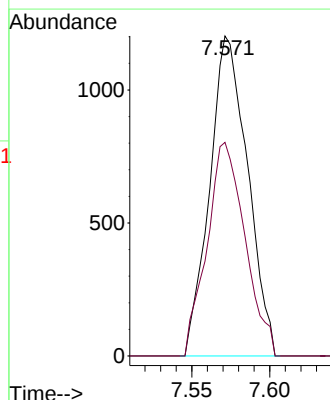
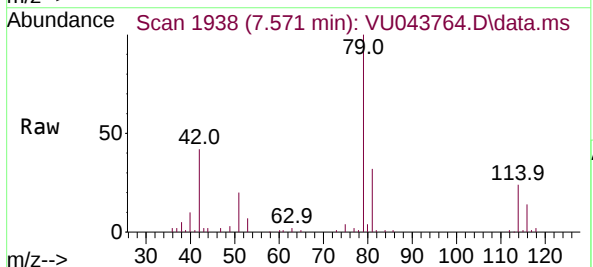
Tgt Ion: 63 Resp: 10332
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

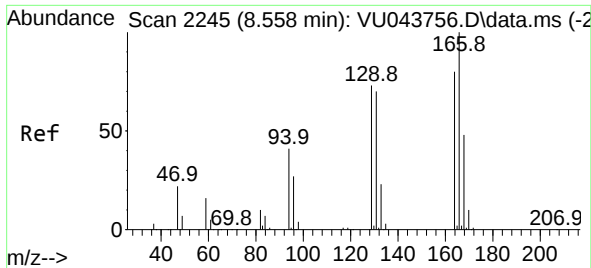


#39

cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU043764.D
Acq: 14 May 2021 19:03

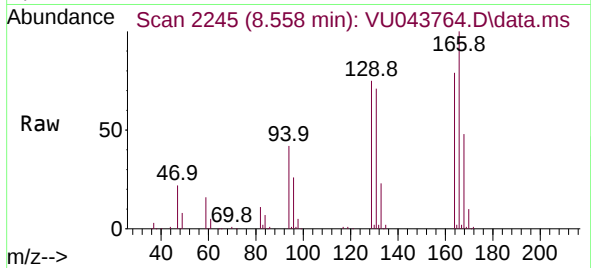
Tgt Ion: 75 Resp: 2035
Ion Ratio Lower Upper
75 100
77 66.7 22.5 41.7#



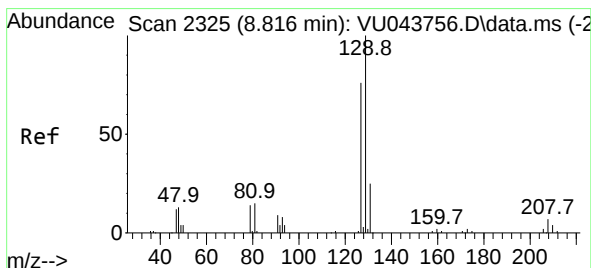
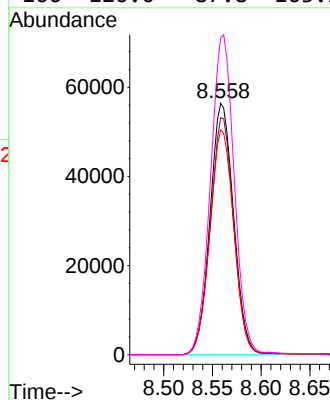
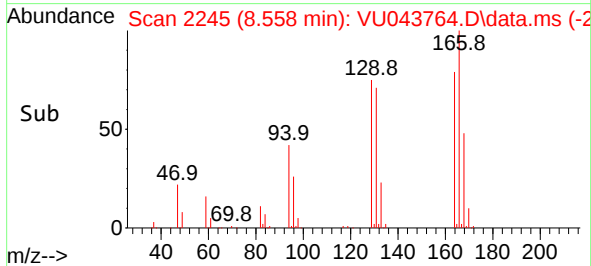


#47
Tetrachloroethene
Concen: 6.73 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU043764.D
Acq: 14 May 2021 19:03

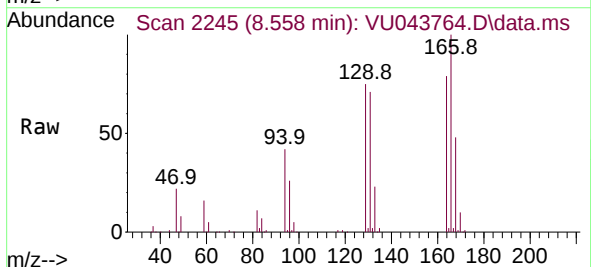
Instrument :
MSVOA_U
ClientSampled :



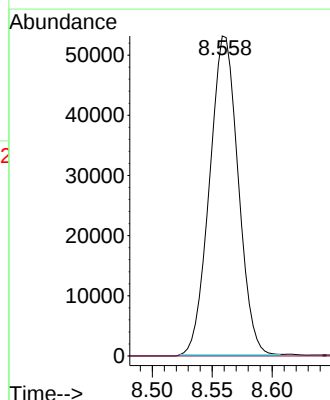
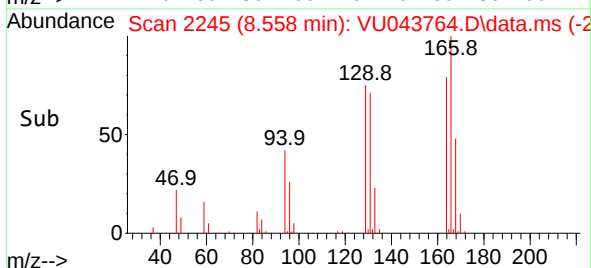
Tgt Ion:164 Resp: 95071
Ion Ratio Lower Upper
164 100
129 94.3 64.1 119.1
131 89.4 61.2 113.8
166 126.0 87.8 163.2

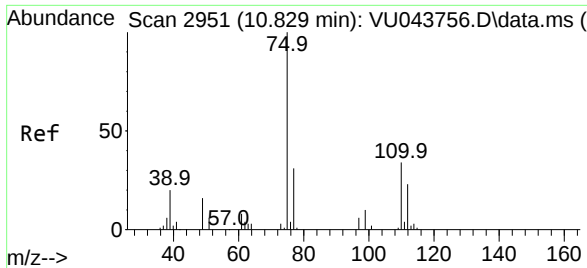


#49
Dibromochloromethane
Concen: 6.14 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.257 min
Lab File: VU043764.D
Acq: 14 May 2021 19:03



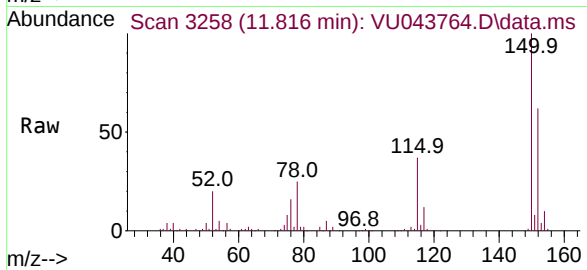
Tgt Ion:129 Resp: 87736
Ion Ratio Lower Upper
129 100
127 0.0 53.4 99.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.25 ug/L
 RT: 11.816 min Scan# 3258
 Delta R.T. 0.987 min
 Lab File: VU043764.D
 Acq: 14 May 2021 19:03

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 12702
 Ion Ratio Lower Upper
 75 100
 110 2.1 27.9 41.9#
 77 30.9 25.9 38.9

