

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112022\
 Data File : VU051983.D
 Acq On : 20 Nov 2022 19:06
 Operator : JC/MD
 Sample : N5710-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COKY7

Quant Time: Nov 21 01:03:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 18 00:53:49 2022
 Response via : Initial Calibration

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

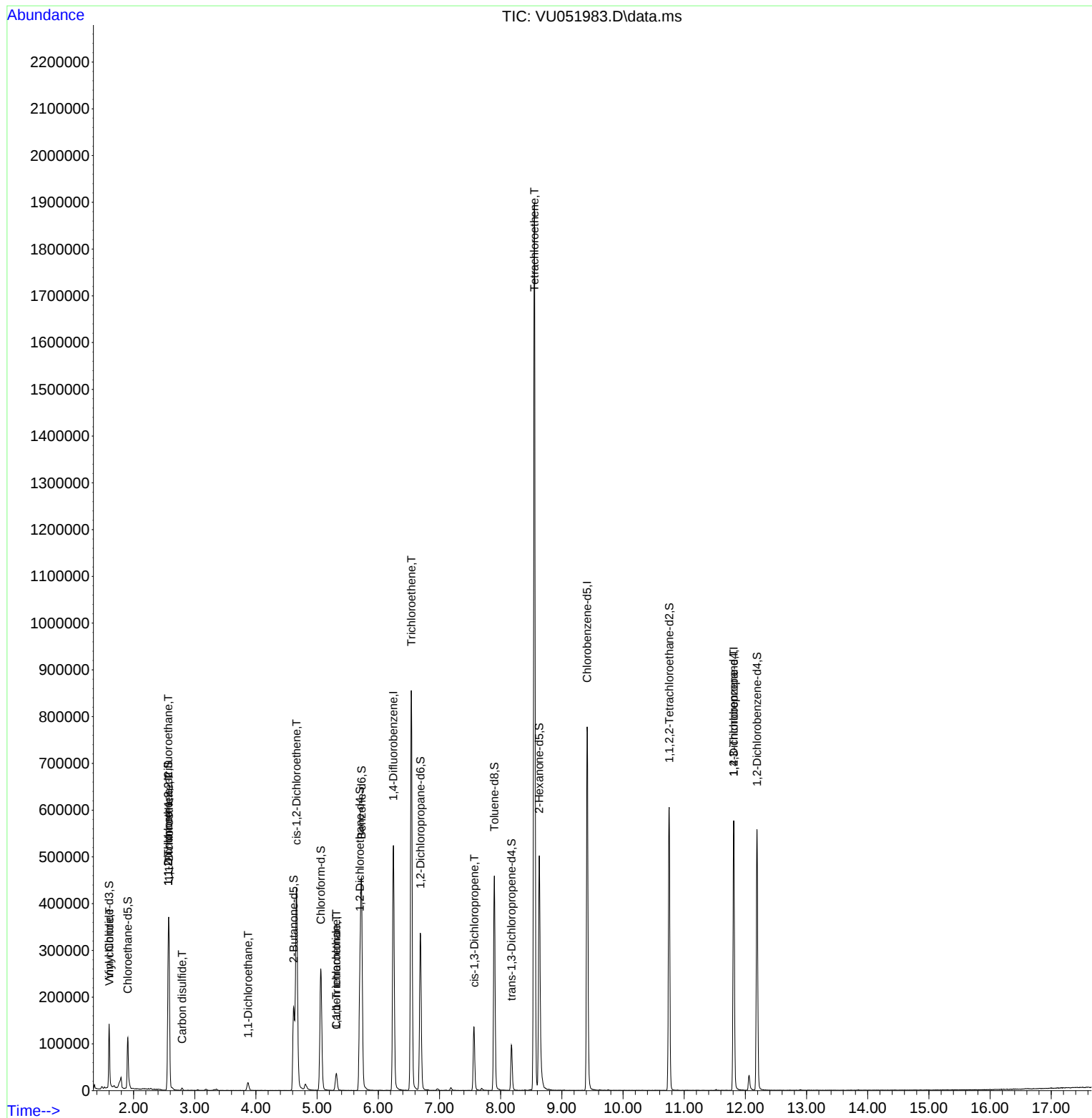
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	437873	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	443149	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	159816	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	81372	37.854	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.700%		
7) Chloroethane-d5	1.906	69	93313	43.325	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.660%		
11) 1,1-Dichloroethene-d2	2.568	63	152418	39.539	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.080%		
21) 2-Butanone-d5	4.616	46	249551	102.091	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.090%		
24) Chloroform-d	5.060	84	251922	46.750	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.500%		
26) 1,2-Dichloroethane-d4	5.700	65	158539	48.062	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.120%		
32) Benzene-d6	5.726	84	432296	46.786	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.580%		
36) 1,2-Dichloropropane-d6	6.687	67	170681	49.626	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.260%		
41) Toluene-d8	7.896	98	320624	42.276	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.560%		
43) trans-1,3-Dichloroprop...	8.176	79	55510	40.520	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.040%		
47) 2-Hexanone-d5	8.629	63	169677	97.072	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.070%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	315434	47.123	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.240%		
66) 1,2-Dichlorobenzene-d4	12.192	152	153850	54.703	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	109.400%		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	19792	5.345	ug/L #	74
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1230	0.440	ug/L #	20
12) 1,1-Dichloroethene	2.578	96	96774	37.086	ug/L	98
14) Carbon disulfide	2.793	76	5857	0.810	ug/L	98
19) 1,1-Dichloroethane	3.870	63	20131	3.517	ug/L	96
20) cis-1,2-Dichloroethene	4.665	96	229601	69.959	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	25079	5.598	ug/L	97
31) Carbon tetrachloride	5.314	117	3286	0.877	ug/L	90
34) Trichloroethene	6.539	95	300824	99.613	ug/L	99
39) cis-1,3-Dichloropropene	7.568	75	3352	0.710	ug/L	91
46) Tetrachloroethene	8.552	164	434495	180.155	ug/L	99
60) 1,2,3-Trichloropropane	11.809	75	19165	5.013	ug/L #	69

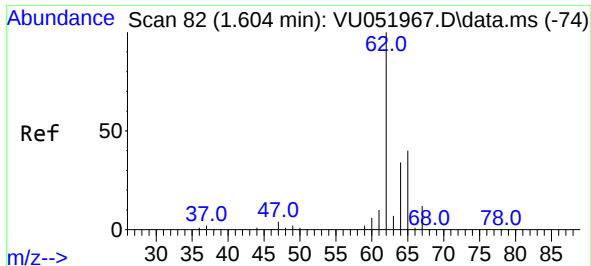
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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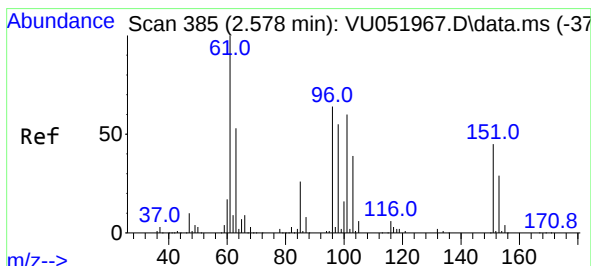
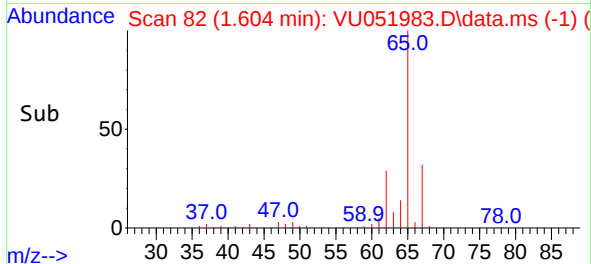
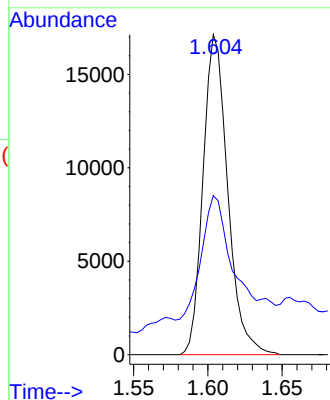
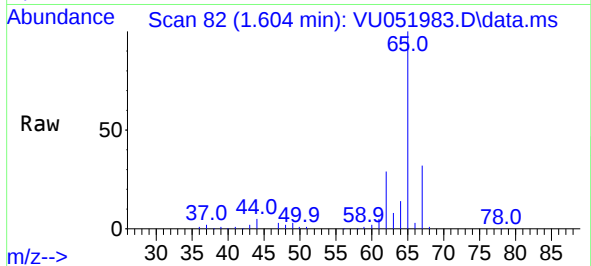




#5
 Vinyl chloride
 Concen: 5.345 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051983.D
 Acq: 20 Nov 2022 19:06

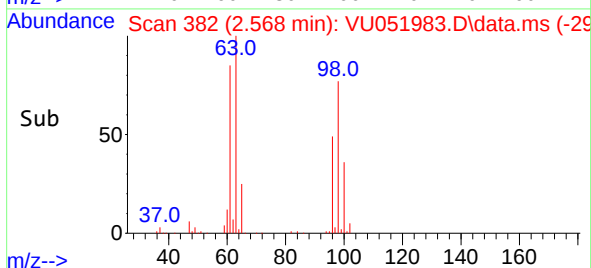
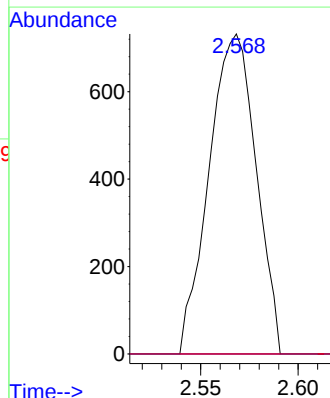
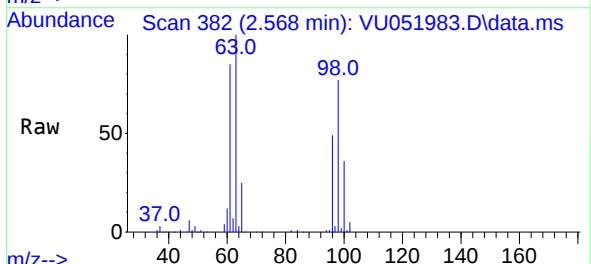
Instrument :
 MSVOA_U
 ClientSampleId :
 C0KY7

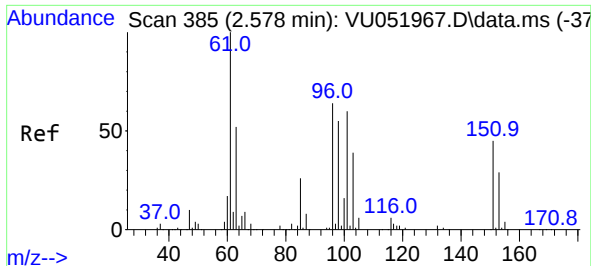
Tgt Ion: 62 Resp: 19792
 Ion Ratio Lower Upper
 62 100
 64 49.7 24.3 45.1#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.440 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.007 min
 Lab File: VU051983.D
 Acq: 20 Nov 2022 19:06

Tgt Ion: 101 Resp: 1230
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.2 51.2#
 151 0.0 58.3 87.5#

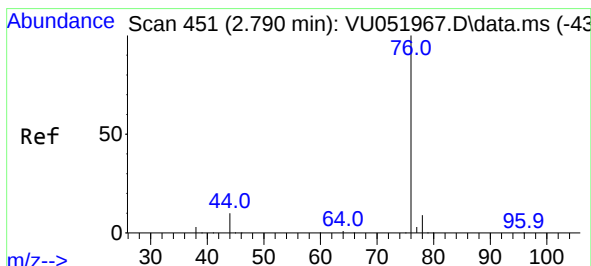
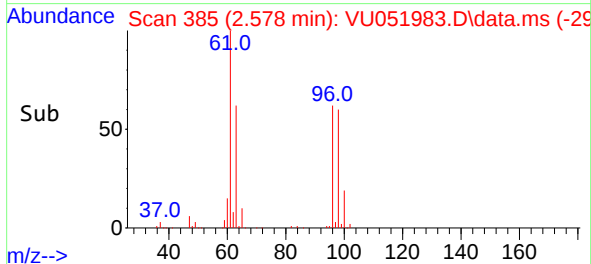
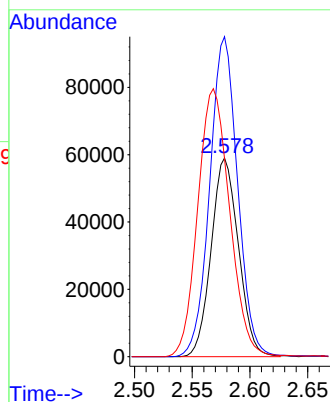
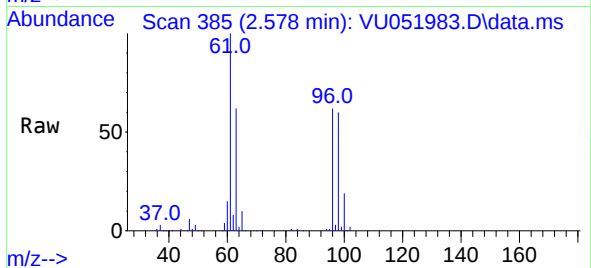




#12
1,1-Dichloroethene
Concen: 37.086 ug/L
RT: 2.578 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051983.D
Acq: 20 Nov 2022 19:06

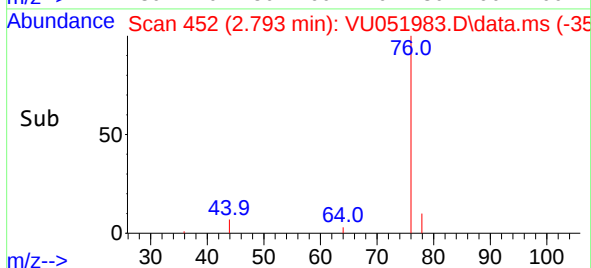
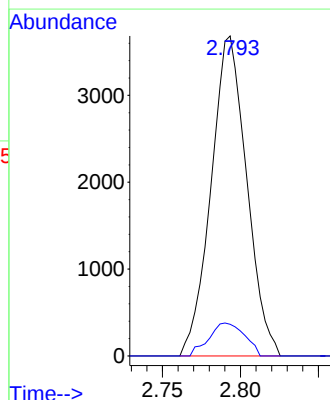
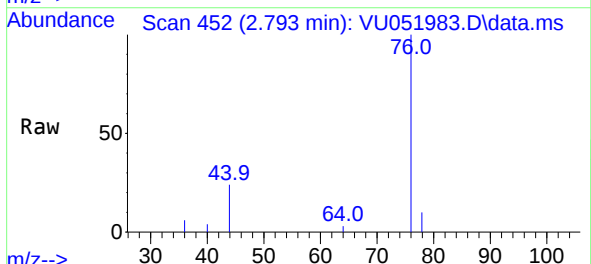
Instrument :
MSVOA_U
ClientSampleId :
C0KY7

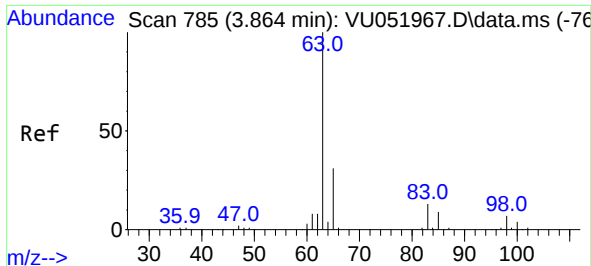
Tgt Ion: 96 Resp: 96774
Ion Ratio Lower Upper
96 100
61 161.0 110.7 205.5
63 99.7 68.6 127.4



#14
Carbon disulfide
Concen: 0.810 ug/L
RT: 2.793 min Scan# 452
Delta R.T. 0.003 min
Lab File: VU051983.D
Acq: 20 Nov 2022 19:06

Tgt Ion: 76 Resp: 5857
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0



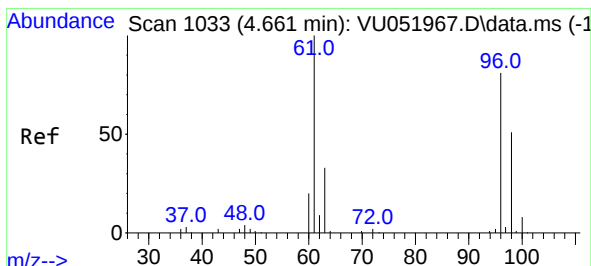
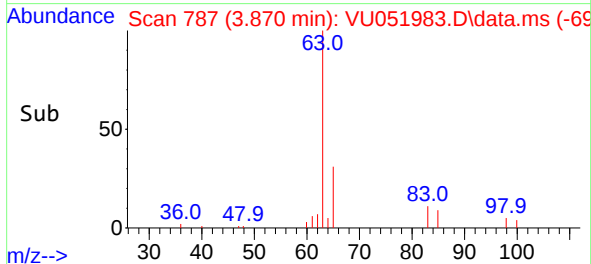
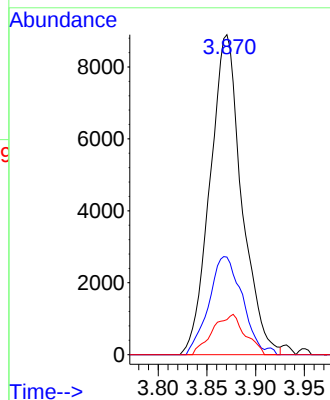
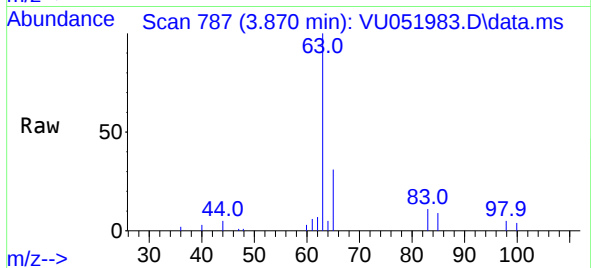


#19
1,1-Dichloroethane
Concen: 3.517 ug/L
RT: 3.870 min Scan# 71
Delta R.T. 0.006 min
Lab File: VU051983.D
Acq: 20 Nov 2022 19:06

Instrument :
MSVOA_U
ClientSampleId :
COKY7

Tgt Ion: 63 Resp: 20131

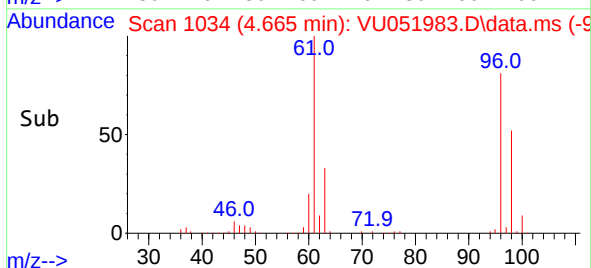
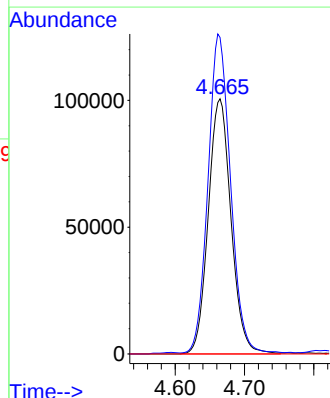
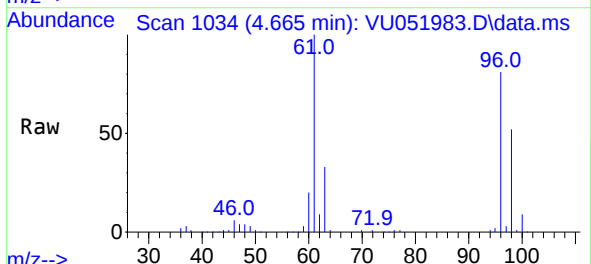
Ion	Ratio	Lower	Upper
63	100		
65	30.5	22.2	41.2
83	10.9	9.6	17.8

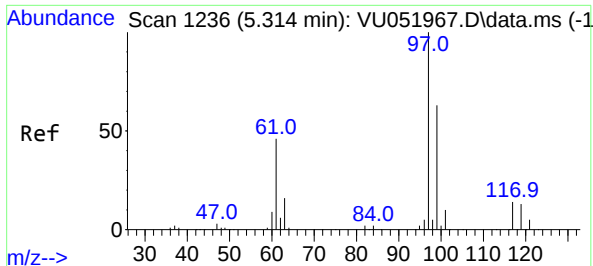


#20
cis-1,2-Dichloroethene
Concen: 69.959 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU051983.D
Acq: 20 Nov 2022 19:06

Tgt Ion: 96 Resp: 229601

Ion	Ratio	Lower	Upper
96	100		
61	124.0	86.0	159.8
68	0.0	0.0	0.0

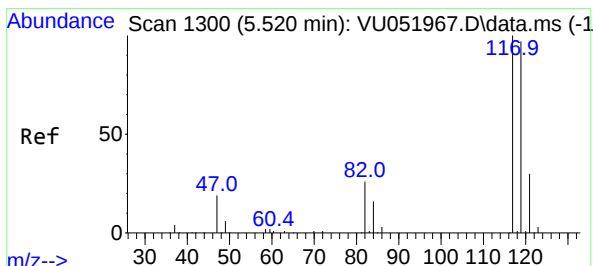
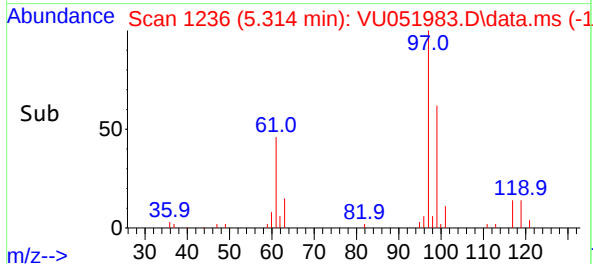
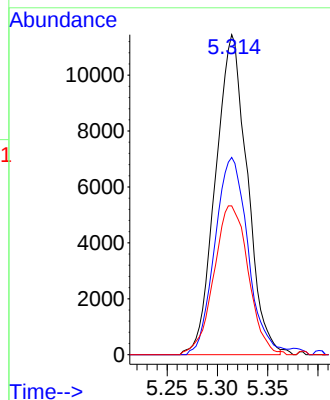
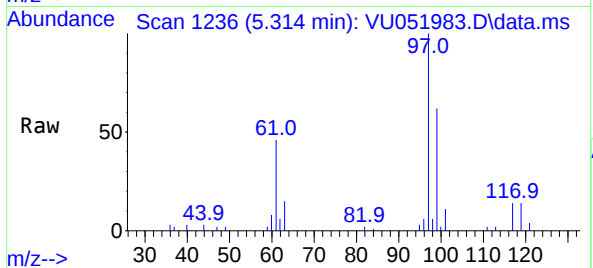




#30
1,1,1-Trichloroethane
Concen: 5.598 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VU051983.D
Acq: 20 Nov 2022 19:06

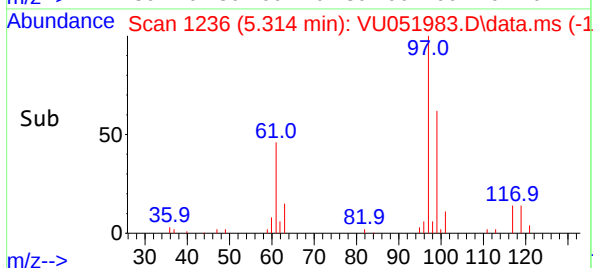
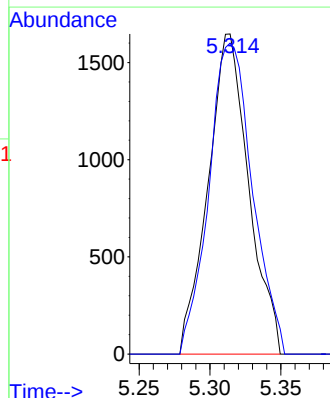
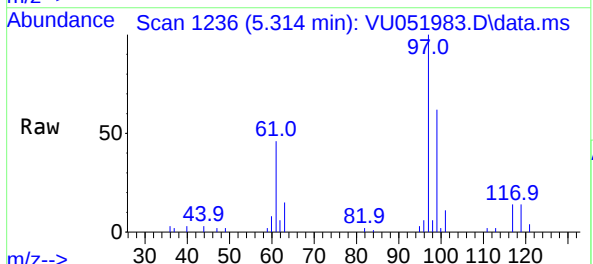
Instrument :
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ClientSampleId :
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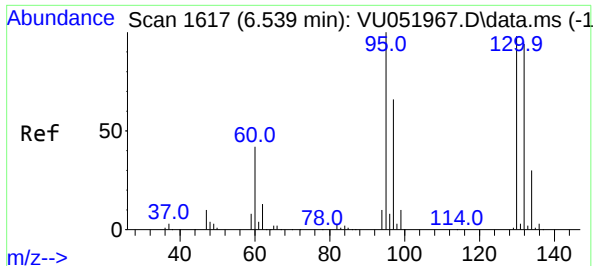
Tgt Ion: 97	Resp: 25079
Ion Ratio	Lower Upper
97 100	
99 64.4	51.2 76.8
61 50.3	37.4 56.2



#31
Carbon tetrachloride
Concen: 0.877 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. -0.209 min
Lab File: VU051983.D
Acq: 20 Nov 2022 19:06

Tgt Ion:117	Resp:	3286	
Ion	Ratio	Lower	Upper
117	100		
119	104.3	75.6	113.4

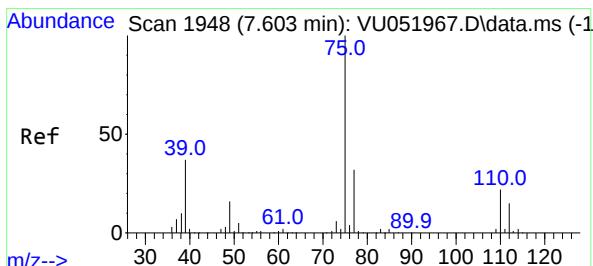
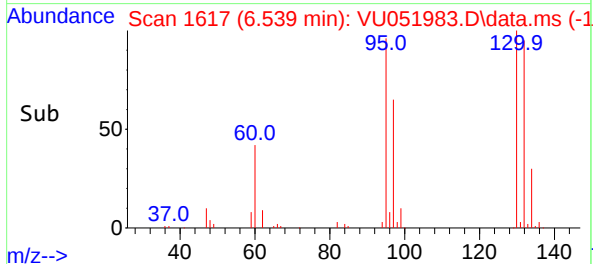
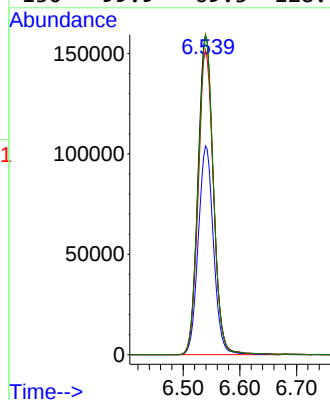
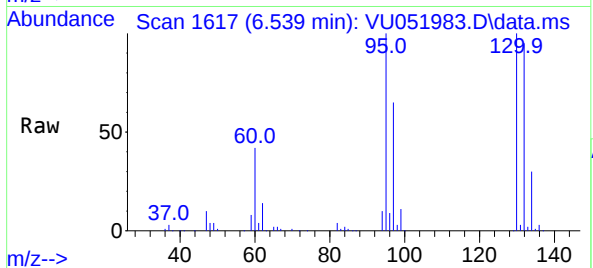




#34
Trichloroethene
Concen: 99.613 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU051983.D
Acq: 20 Nov 2022 19:06

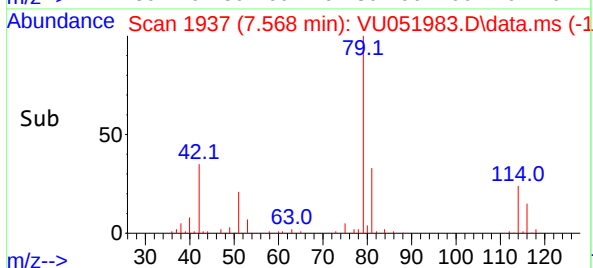
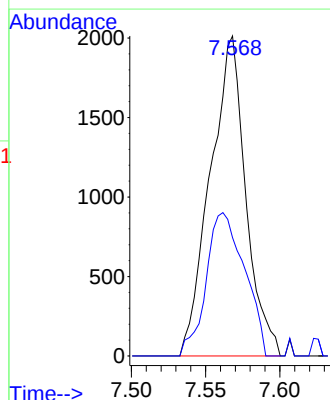
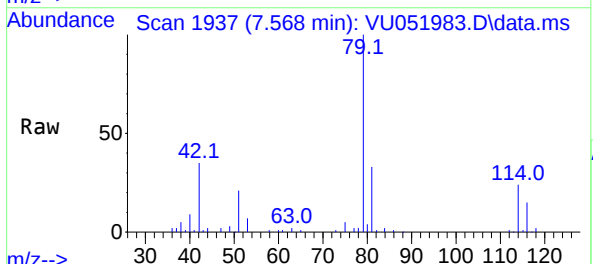
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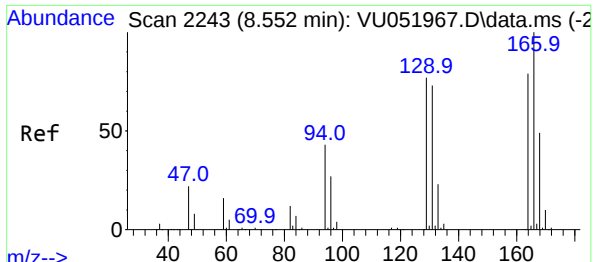
Tgt Ion: 95 Resp: 300824
Ion Ratio Lower Upper
95 100
97 65.2 45.8 85.0
132 95.2 65.3 121.3
130 99.9 69.3 128.7



#39
cis-1,3-Dichloropropene
Concen: 0.710 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.039 min
Lab File: VU051983.D
Acq: 20 Nov 2022 19:06

Tgt Ion: 75 Resp: 3352
Ion Ratio Lower Upper
75 100
77 37.0 22.5 41.7

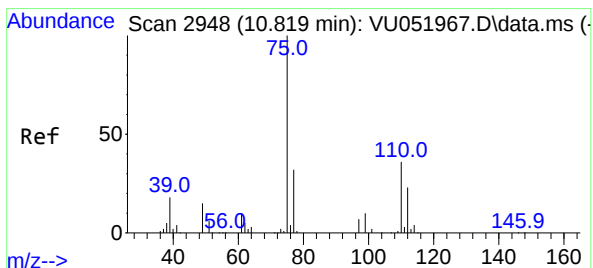
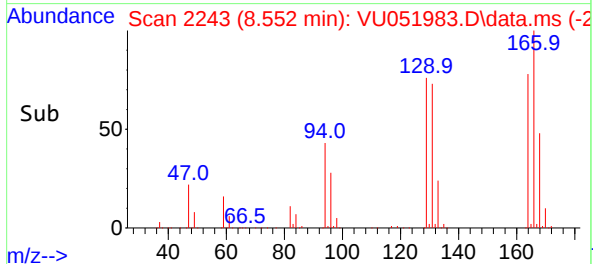
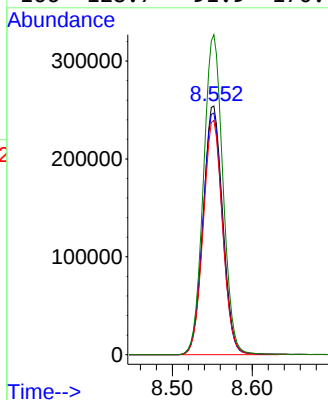
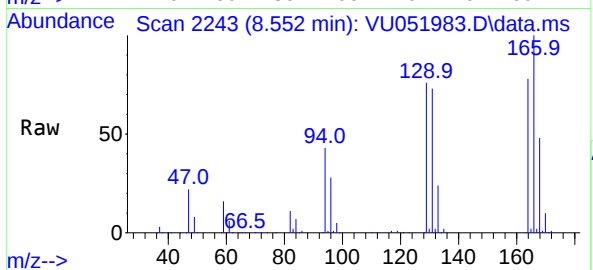




#46
Tetrachloroethene
Concen: 180.155 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051983.D
Acq: 20 Nov 2022 19:06

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:164 Resp: 434495
Ion Ratio Lower Upper
164 100
129 97.2 68.5 127.1
131 94.2 66.6 123.8
166 128.7 91.9 170.7



#60
1,2,3-Trichloropropane
Concen: 5.013 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.987 min
Lab File: VU051983.D
Acq: 20 Nov 2022 19:06

Tgt Ion: 75 Resp: 19165
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.4
110 1.8 29.0 43.4#

