

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060922\
 Data File : VU048976.D
 Acq On : 09 Jun 2022 13:56
 Operator : SY/MD
 Sample : N3248-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYW7

Quant Time: Jun 10 01:03:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 01:01:44 2022
 Response via : Initial Calibration

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

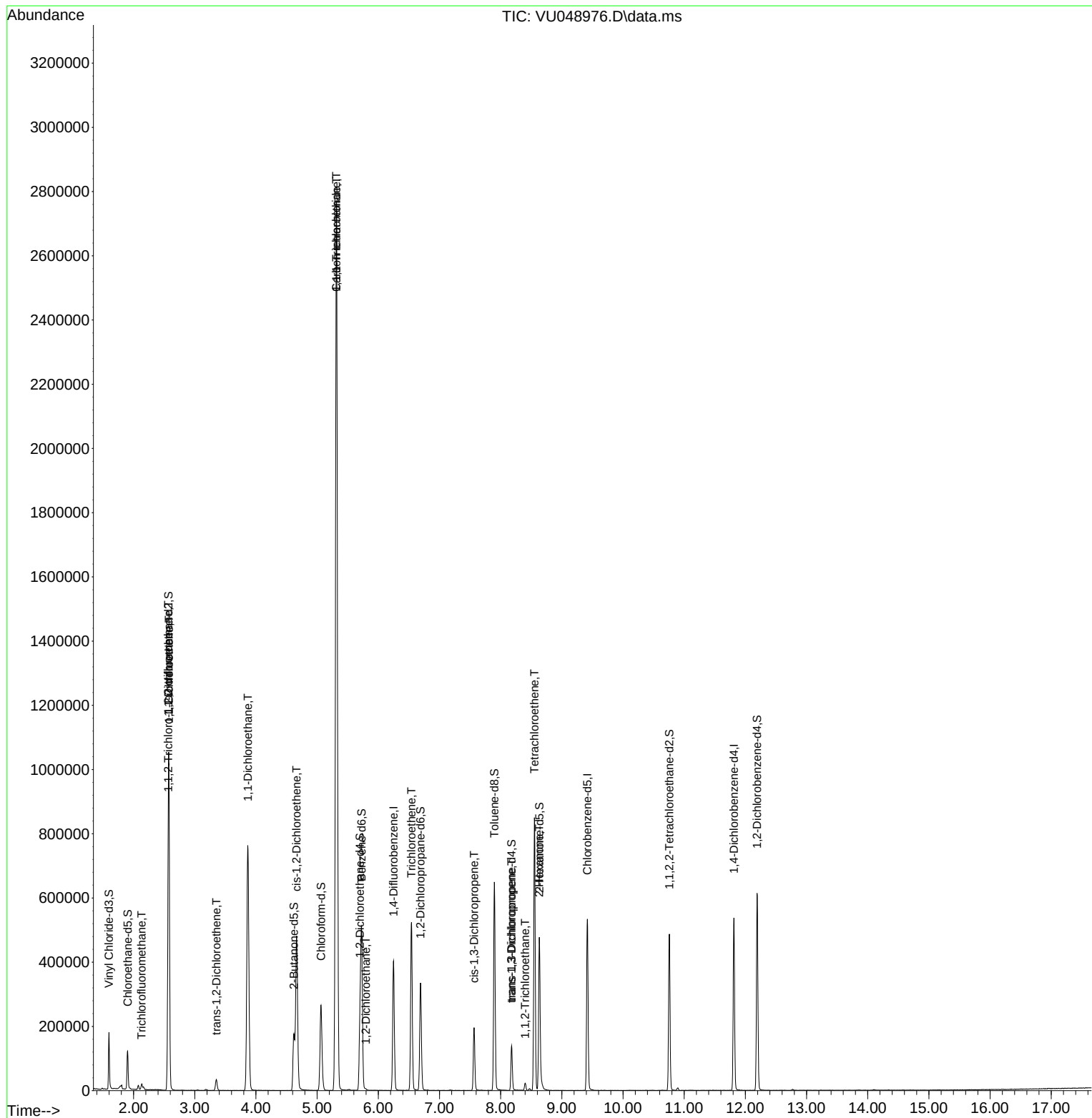
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	328415	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	309599	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	146598	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	122273	60.787	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	121.580%
7) Chloroethane-d5	1.903	69	91362	60.625	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	121.240%
11) 1,1-Dichloroethene-d2	2.572	63	332822	73.161	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	146.320%#
21) 2-Butanone-d5	4.620	46	247509	129.301	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	129.300%
24) Chloroform-d	5.064	84	246943	48.581	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.160%
26) 1,2-Dichloroethane-d4	5.700	65	159760	44.550	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.100%
32) Benzene-d6	5.726	84	479372	55.635	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.280%
36) 1,2-Dichloropropane-d6	6.690	67	162341	64.179	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	128.360%#
41) Toluene-d8	7.896	98	434524	53.614	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.220%
43) trans-1,3-Dichloroprop...	8.179	79	78773	48.700	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.400%
47) 2-Hexanone-d5	8.632	63	164976	118.926	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.930%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	244226	58.349	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	116.700%
66) 1,2-Dichlorobenzene-d4	12.192	152	166124	55.432	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.860%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.131	101	11426	2.527	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	2434	1.056	ug/L #	19
12) 1,1-Dichloroethene	2.578	96	314568	147.216	ug/L #	81
17) trans-1,2-Dichloroethene	3.353	96	13951	6.053	ug/L	90
19) 1,1-Dichloroethane	3.867	63	889468	210.811	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	249472	95.987	ug/L	96
27) 1,2-Dichloroethane	5.797	62	2145	0.508	ug/L #	82
30) 1,1,1-Trichloroethane	5.314	97	2082419	444.224	ug/L	99
31) Carbon tetrachloride	5.314	117	269223	63.017	ug/L	97
34) Trichloroethene	6.543	95	181278	70.837	ug/L	99
39) cis-1,3-Dichloropropene	7.565	75	4750	1.230	ug/L #	74
44) trans-1,3-Dichloropropene	8.176	75	3283	0.806	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	7256	2.996	ug/L	94
46) Tetrachloroethene	8.552	164	188854	90.438	ug/L	97
48) 2-Hexanone	8.629	43	19737	6.674	ug/L #	75

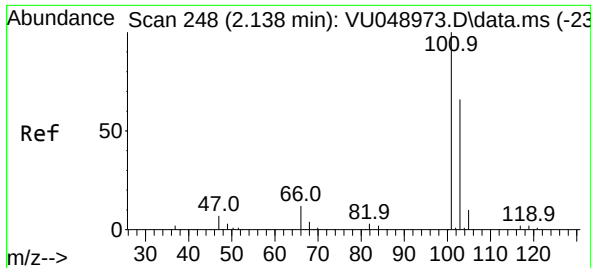
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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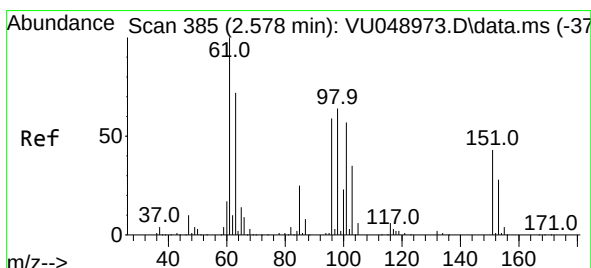
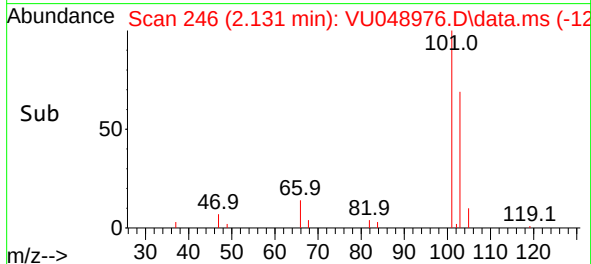
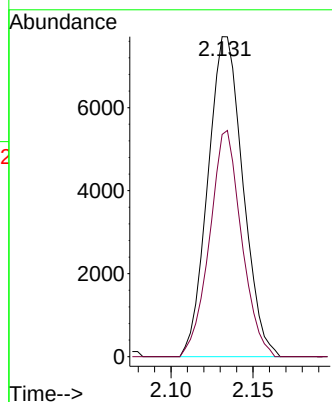
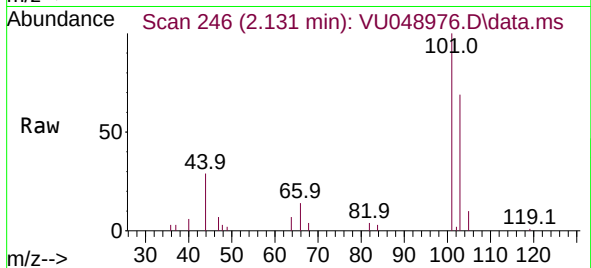




#9
 Trichlorofluoromethane
 Concen: 2.527 ug/L
 RT: 2.131 min Scan# 248
 Delta R.T. -0.006 min
 Lab File: VU048976.D
 Acq: 09 Jun 2022 13:56

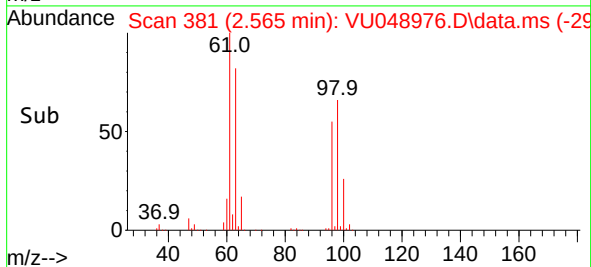
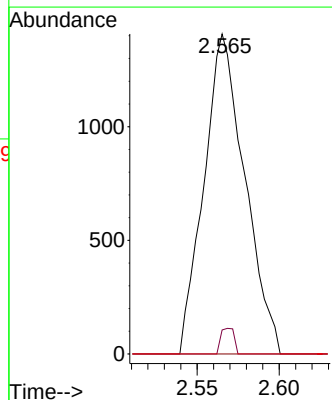
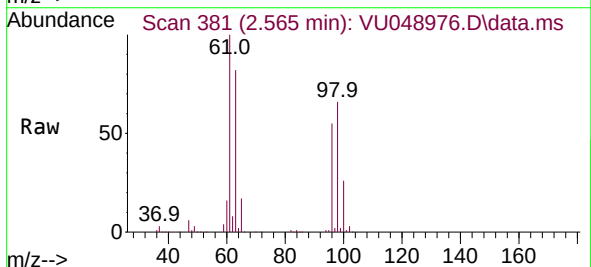
Instrument :
 MSVOA_U
 ClientSampleId :
 EXYW7

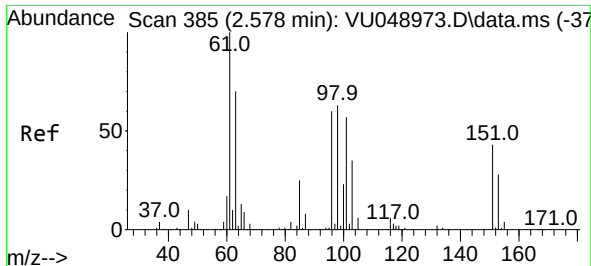
Tgt Ion:101 Resp: 11426
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.6 77.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.056 ug/L
 RT: 2.565 min Scan# 381
 Delta R.T. -0.013 min
 Lab File: VU048976.D
 Acq: 09 Jun 2022 13:56

Tgt Ion:101 Resp: 2434
 Ion Ratio Lower Upper
 101 100
 85 2.6 35.7 53.5#
 151 0.0 64.4 96.6#





#12

1,1-Dichloroethene

Concen: 147.216 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU048976.D

Acq: 09 Jun 2022 13:56

Instrument :

MSVOA_U

ClientSampleId :

EXYW7

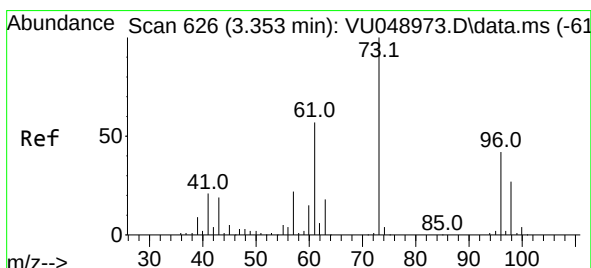
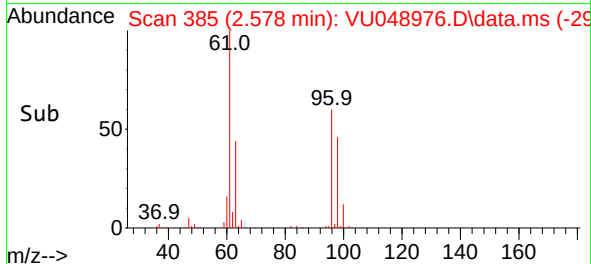
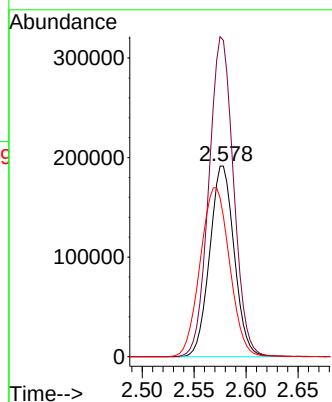
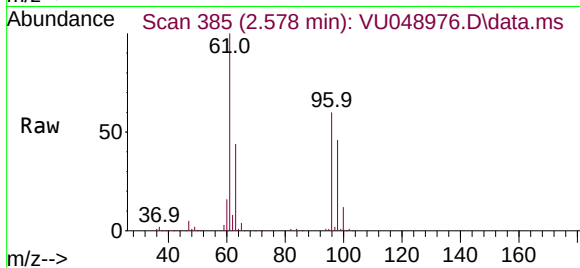
Tgt Ion: 96 Resp: 314568

Ion Ratio Lower Upper

96 100

61 166.0 120.6 224.0

63 73.6 82.3 152.9#



#17

trans-1,2-Dichloroethene

Concen: 6.053 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.000 min

Lab File: VU048976.D

Acq: 09 Jun 2022 13:56

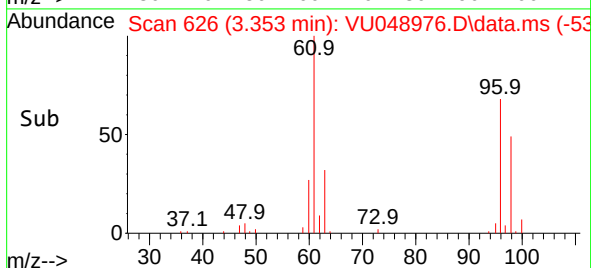
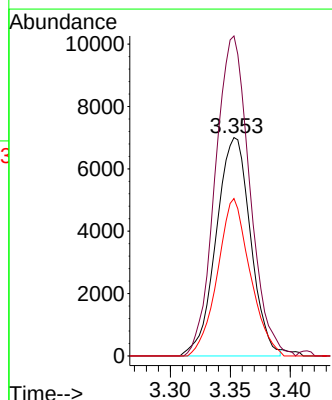
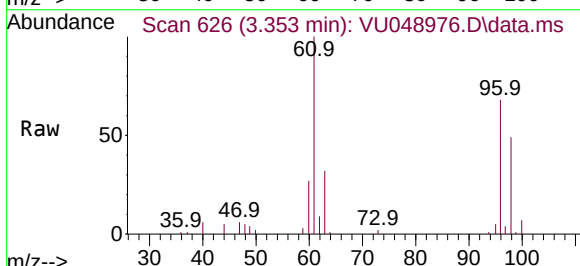
Tgt Ion: 96 Resp: 13951

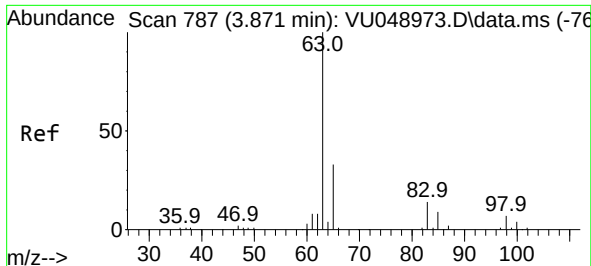
Ion Ratio Lower Upper

96 100

61 146.5 94.2 175.0

98 72.1 45.1 83.7





#19

1,1-Dichloroethane

Concen: 210.811 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.003 min

Lab File: VU048976.D

Acq: 09 Jun 2022 13:56

Instrument :

MSVOA_U

ClientSampleId :

EXYW7

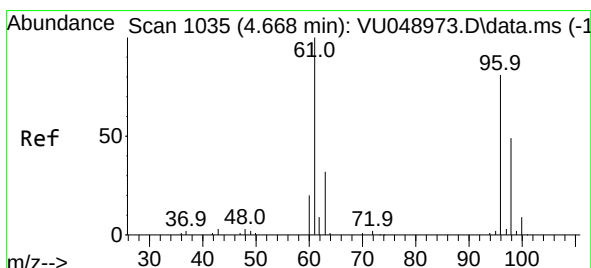
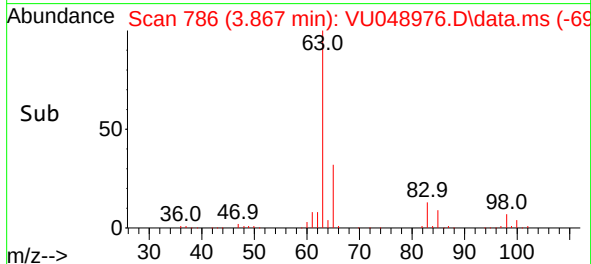
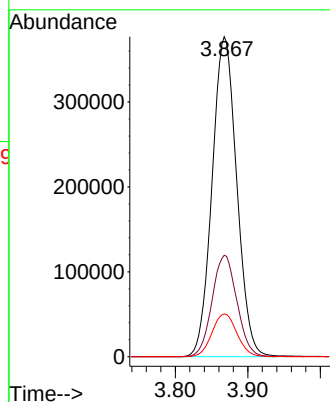
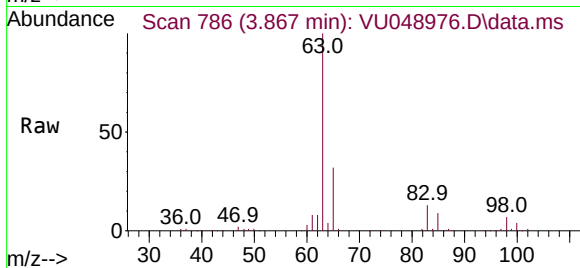
Tgt Ion: 63 Resp: 889468

Ion Ratio Lower Upper

63 100

65 31.7 21.8 40.6

83 13.3 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 95.987 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU048976.D

Acq: 09 Jun 2022 13:56

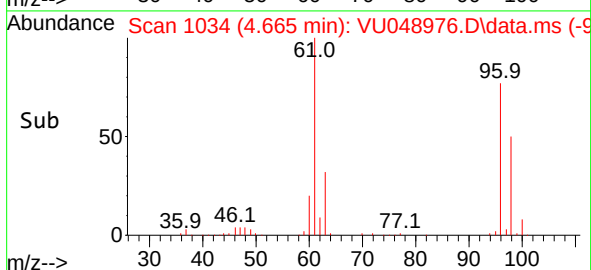
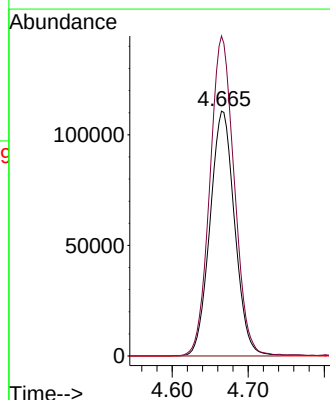
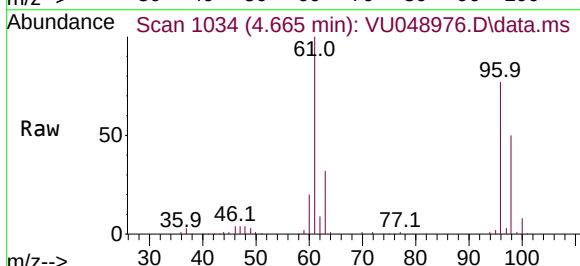
Tgt Ion: 96 Resp: 249472

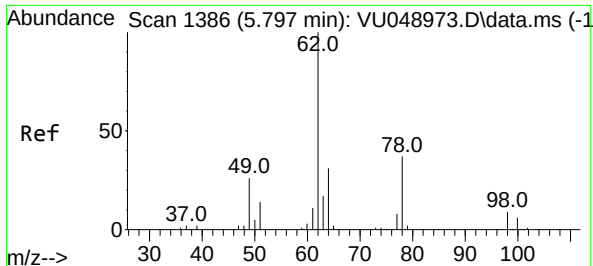
Ion Ratio Lower Upper

96 100

61 130.7 88.3 164.1

68 0.0 0.0 0.0

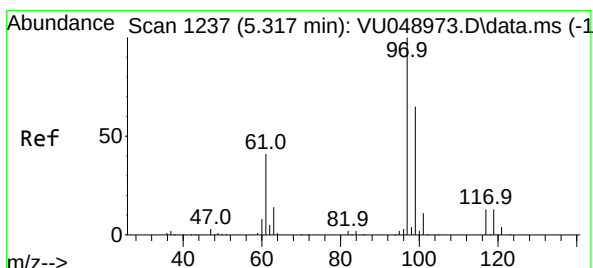
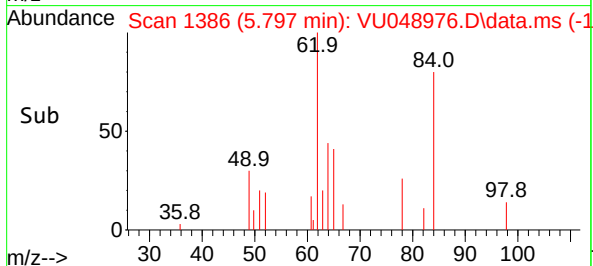
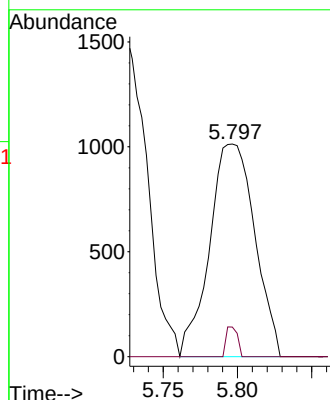
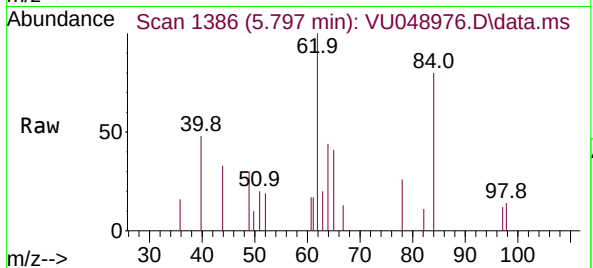




#27
1,2-Dichloroethane
Concen: 0.508 ug/L
RT: 5.797 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048976.D
Acq: 09 Jun 2022 13:56

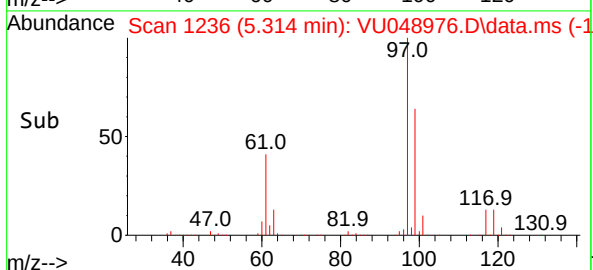
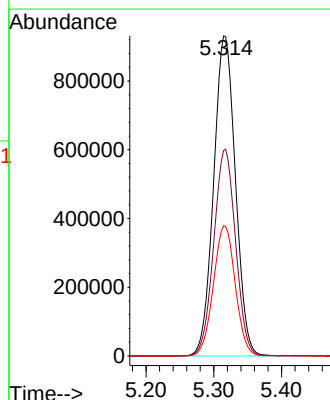
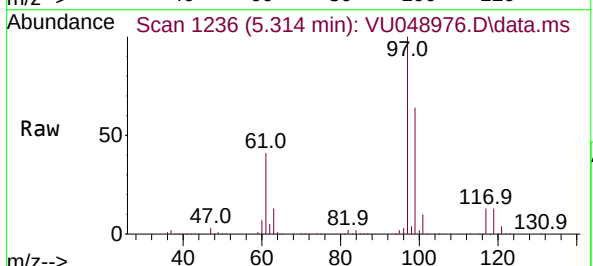
Instrument :
MSVOA_U
ClientSampleId :
EXYW7

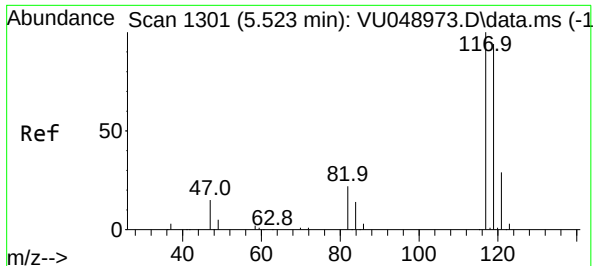
Tgt Ion: 62 Resp: 2145
Ion Ratio Lower Upper
62 100
98 13.9 6.0 9.0#



#30
1,1,1-Trichloroethane
Concen: 444.224 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. -0.003 min
Lab File: VU048976.D
Acq: 09 Jun 2022 13:56

Tgt Ion: 97 Resp: 2082419
Ion Ratio Lower Upper
97 100
99 64.6 50.3 75.5
61 40.8 32.6 48.8

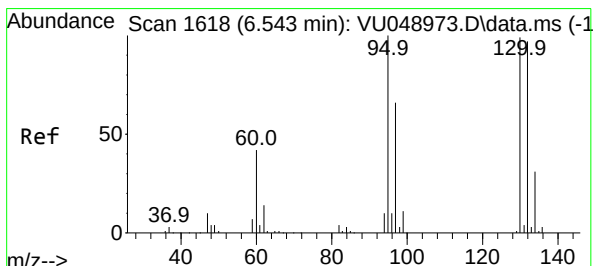
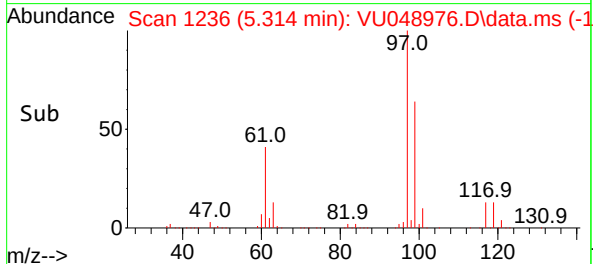
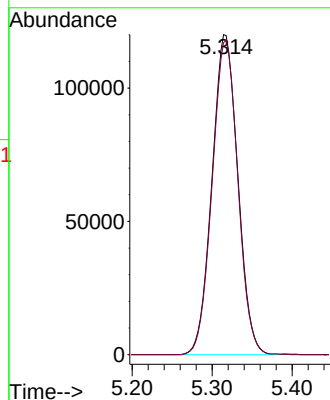
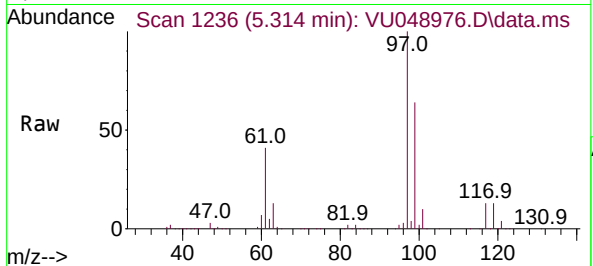




#31
Carbon tetrachloride
Concen: 63.017 ug/L
RT: 5.314 min Scan# 117
Delta R.T. -0.209 min
Lab File: VU048976.D
Acq: 09 Jun 2022 13:56

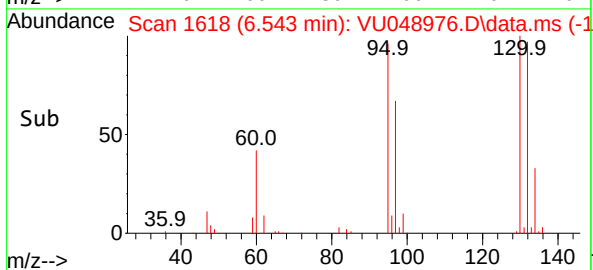
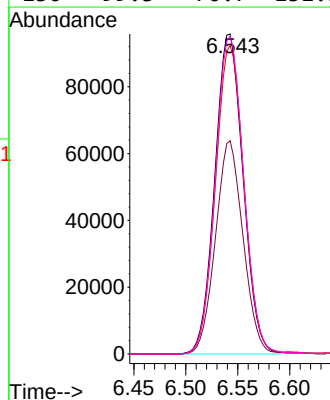
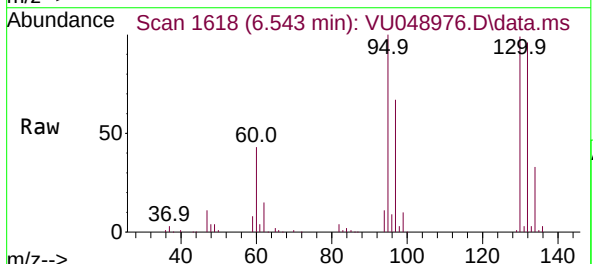
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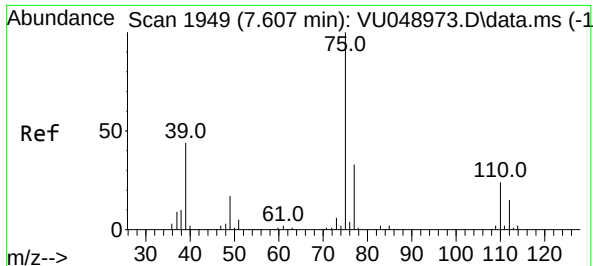
Tgt Ion:117 Resp: 269223
Ion Ratio Lower Upper
117 100
119 97.5 76.0 114.0



#34
Trichloroethene
Concen: 70.837 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU048976.D
Acq: 09 Jun 2022 13:56

Tgt Ion: 95 Resp: 181278
Ion Ratio Lower Upper
95 100
97 66.6 45.2 84.0
132 96.4 67.3 124.9
130 99.3 70.7 131.3





#39

cis-1,3-Dichloropropene

Concen: 1.230 ug/L

RT: 7.565 min Scan# 11

Delta R.T. -0.042 min

Lab File: VU048976.D

Acq: 09 Jun 2022 13:56

Instrument :

MSVOA_U

ClientSampleId :

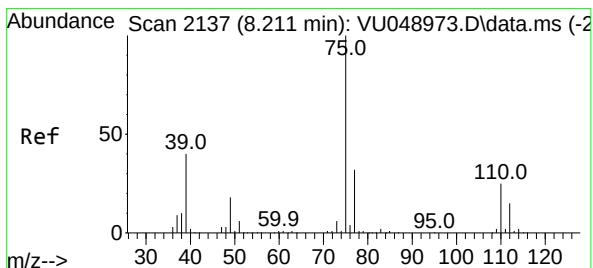
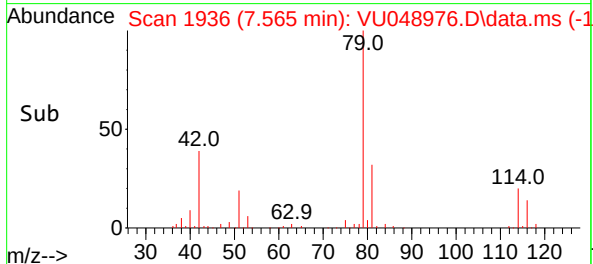
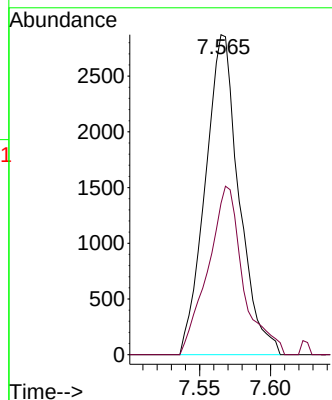
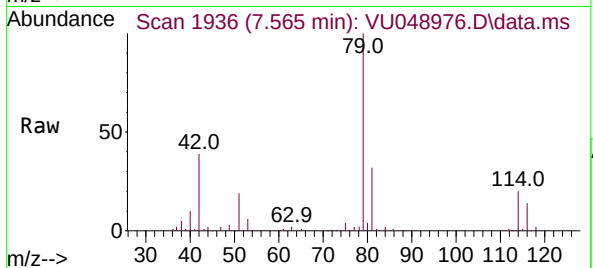
EXYW7

Tgt Ion: 75 Resp: 4750

Ion Ratio Lower Upper

75 100

77 47.3 22.9 42.5#



#44

trans-1,3-Dichloropropene

Concen: 0.806 ug/L

RT: 8.176 min Scan# 2126

Delta R.T. -0.035 min

Lab File: VU048976.D

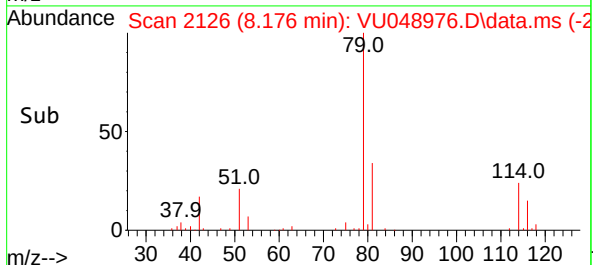
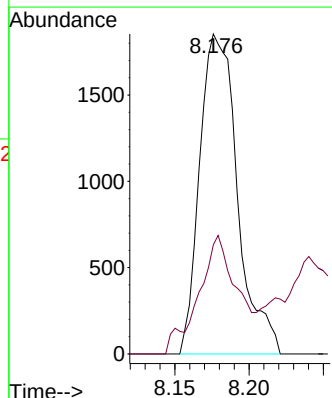
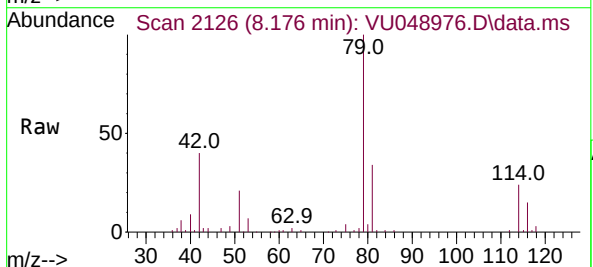
Acq: 09 Jun 2022 13:56

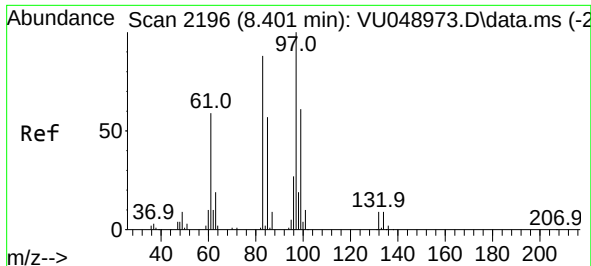
Tgt Ion: 75 Resp: 3283

Ion Ratio Lower Upper

75 100

77 34.1 22.7 42.1

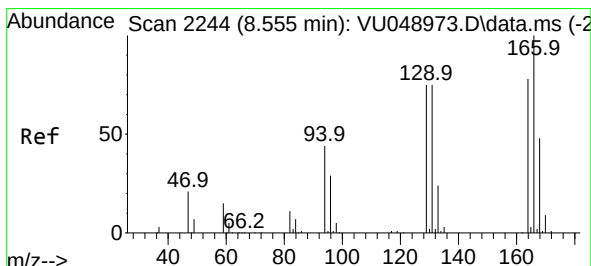
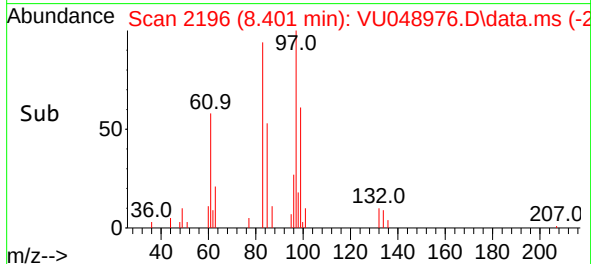
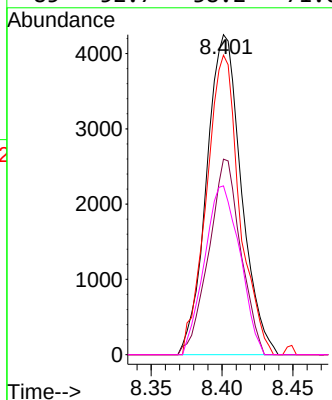
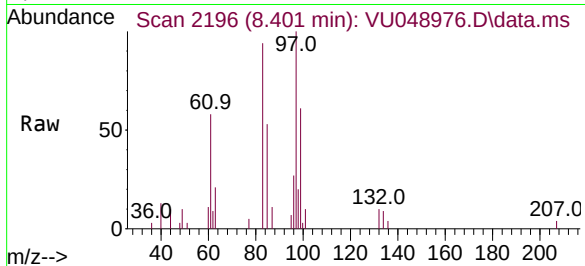




#45
1,1,2-Trichloroethane
Concen: 2.996 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048976.D
Acq: 09 Jun 2022 13:56

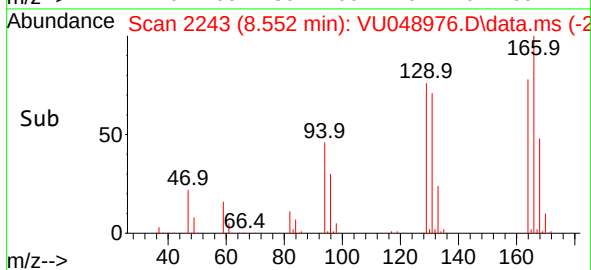
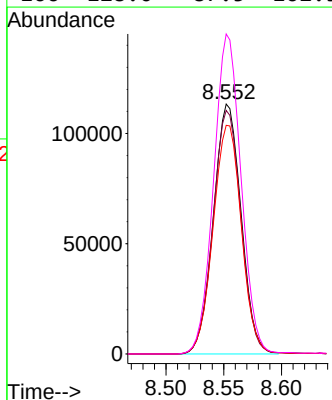
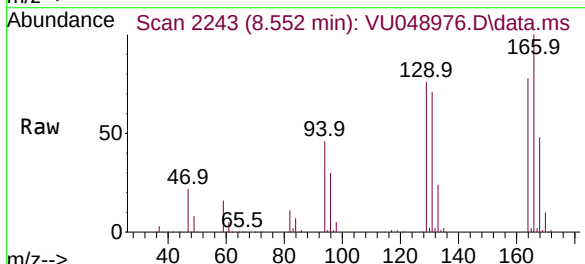
Instrument :
MSVOA_U
ClientSampleId :
EXYW7

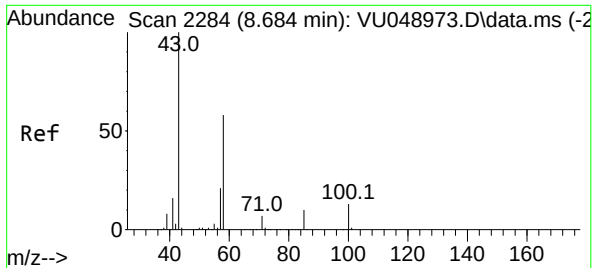
Tgt Ion:	97	Resp:	7256
Ion	Ratio	Lower	Upper
97	100		
99	61.1	42.2	78.4
83	93.6	58.4	108.6
85	52.7	38.2	71.0



#46
Tetrachloroethene
Concen: 90.438 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048976.D
Acq: 09 Jun 2022 13:56

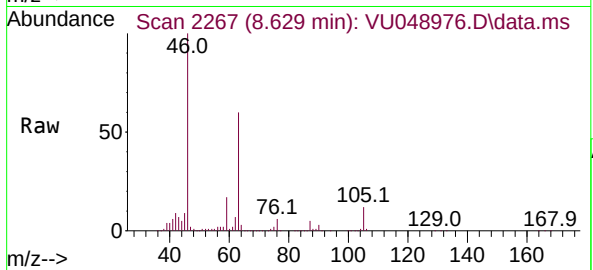
Tgt Ion:	164	Resp:	188854
Ion	Ratio	Lower	Upper
164	100		
129	97.4	64.3	119.3
131	91.5	64.5	119.7
166	128.0	87.5	162.5





#48
 2-Hexanone
 Concen: 6.674 ug/L
 RT: 8.629 min Scan# 21
 Delta R.T. -0.055 min
 Lab File: VU048976.D
 Acq: 09 Jun 2022 13:56

Instrument :
 MSVOA_U
 ClientSampleId :
 EXYW7



Tgt Ion: 43	Resp: 19737
Ion Ratio	Lower Upper
43	100
58	37.1 45.8 68.6#
57	26.8 16.8 25.2#
100	0.2 11.2 16.8#

