

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101022\
 Data File : VU051315.D
 Acq On : 10 Oct 2022 09:40
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 11 00:56:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 10 01:25:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	209795	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	223220	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	114804	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	76522	4.522	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.400%
7) Chloroethane-d5	1.912	69	68975	4.744	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.565	65	29252	4.373	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	4.633	46	204708	54.942	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.880%
24) Chloroform-d	5.063	84	162758	5.159	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.703	65	83455	5.129	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.726	84	300733	4.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.690	67	101742	4.879	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.896	98	277660	5.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
43) trans-1,3-Dichloroprop...	8.179	79	35674	5.207	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.200%
46) 2-Hexanone-d5	8.636	63	125361	54.287	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.580%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	87606	5.259	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	93880	4.705	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	87478	5.112	ug/L	100
3) Chloromethane	1.520	50	106543	4.434	ug/L	99
5) Vinyl chloride	1.604	62	109825	4.660	ug/L	98
6) Bromomethane	1.858	94	57089	4.448	ug/L	98
8) Chloroethane	1.932	64	70430	4.686	ug/L	99
9) Trichlorofluoromethane	2.138	101	135686	4.994	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	81297	4.986	ug/L	100
12) 1,1-Dichloroethene	2.578	96	69932	4.571	ug/L	97
13) Acetone	2.642	43	133870	47.905	ug/L	99
14) Carbon disulfide	2.793	76	217176	4.635	ug/L	100
15) Methyl Acetate	2.957	43	31805	4.682	ug/L	100
16) Methylene chloride	3.044	84	90220	3.994	ug/L	98
17) Methyl tert-butyl Ether	3.363	73	152592	4.354	ug/L	100
18) trans-1,2-Dichloroethene	3.353	96	74475	4.627	ug/L	97
19) 1,1-Dichloroethane	3.867	63	156027	4.698	ug/L	100
21) 2-Butanone	4.710	43	207214	47.050	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	80826	4.533	ug/L	97
23) Bromochloromethane	4.973	128	41581	4.888	ug/L	95
25) Chloroform	5.089	83	159782	4.606	ug/L	100

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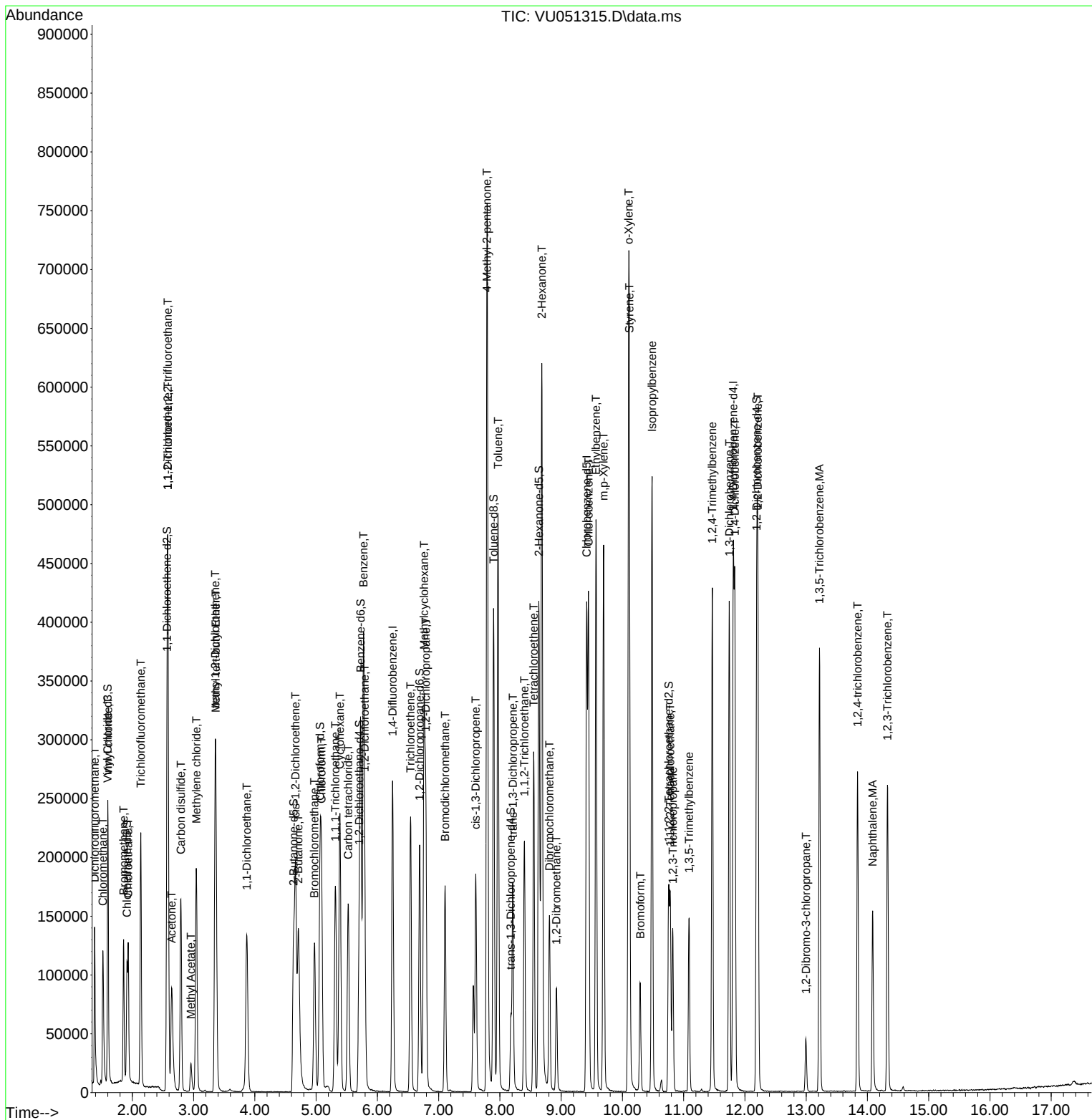
Instrument :
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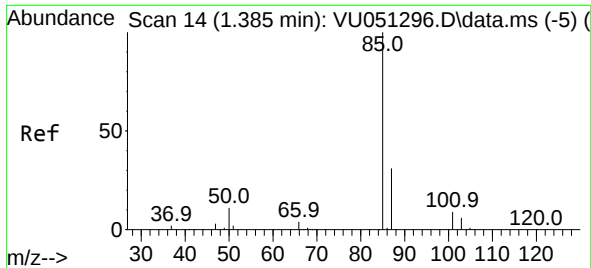
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	99443	4.785	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	125993	4.711	ug/L	99
30) Cyclohexane	5.388	56	99871	4.402	ug/L	99
31) Carbon tetrachloride	5.523	117	108713	4.803	ug/L	98
33) Benzene	5.774	78	343735	4.613	ug/L	100
34) Trichloroethene	6.543	95	83184	4.475	ug/L	98
35) Methylcyclohexane	6.764	83	109454	4.667	ug/L	100
37) 1,2-Dichloropropane	6.790	63	95339	4.668	ug/L	100
38) Bromodichloromethane	7.105	83	114943	4.717	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	111036	4.523	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	484832	45.244	ug/L	99
42) Toluene	7.970	91	361464	4.570	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	101595	4.786	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	65457	4.564	ug/L	97
47) Tetrachloroethene	8.552	164	62864	4.599	ug/L	99
48) 2-Hexanone	8.684	43	383281	48.037	ug/L	100
49) Dibromochloromethane	8.809	129	74564	4.630	ug/L	98
50) 1,2-Dibromoethane	8.922	107	59305	4.646	ug/L	96
51) Chlorobenzene	9.446	112	220834	4.672	ug/L	99
52) Ethylbenzene	9.568	91	329115	4.630	ug/L	99
53) m,p-Xylene	9.694	106	127501	4.625	ug/L	100
54) o-Xylene	10.102	106	121106	4.643	ug/L	99
55) Styrene	10.115	104	218752	4.872	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	83005	4.676	ug/L	98
59) Bromoform	10.292	173	39661	4.153	ug/L	100
60) Isopropylbenzene	10.484	105	316046	4.346	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	58949	4.066	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	75908	3.935	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	221524	4.061	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	165317	4.596	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	159644	4.503	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	155282	4.441	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	12664	4.567	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	111344	4.491	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	80053	4.543	ug/L	99
71) Naphthalene	14.086	128	124339	3.796	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	80544	4.419	ug/L	99

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

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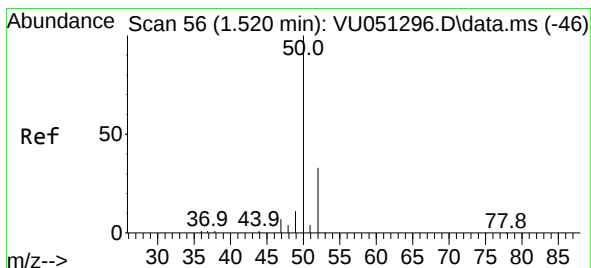
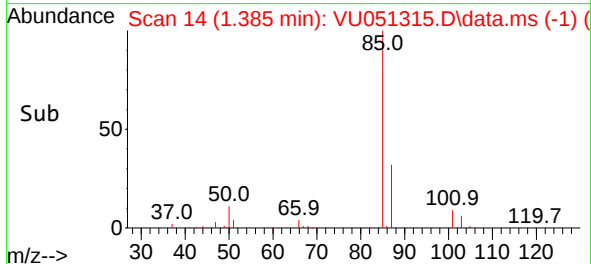
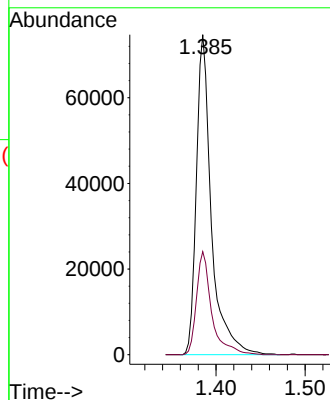
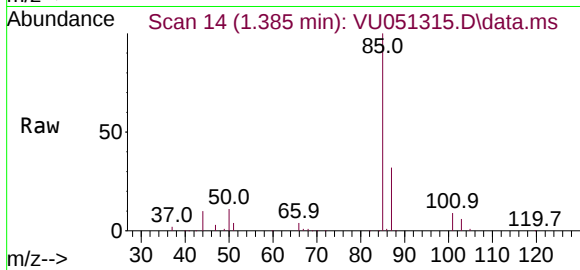




#2
 Dichlorodifluoromethane
 Concen: 5.112 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VU051315.D
 Acq: 10 Oct 2022 09:40

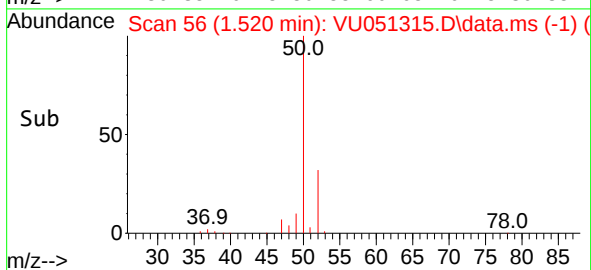
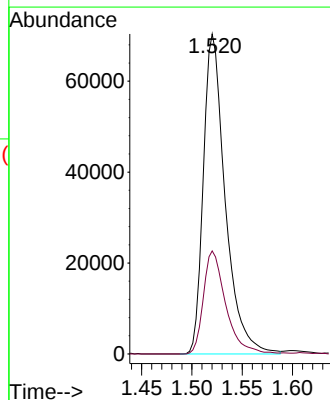
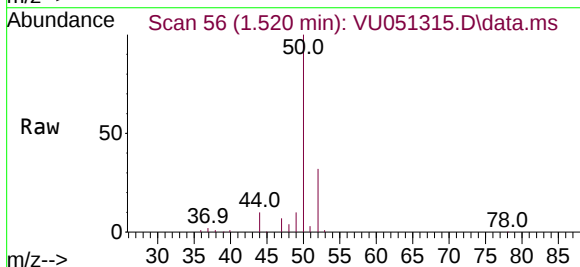
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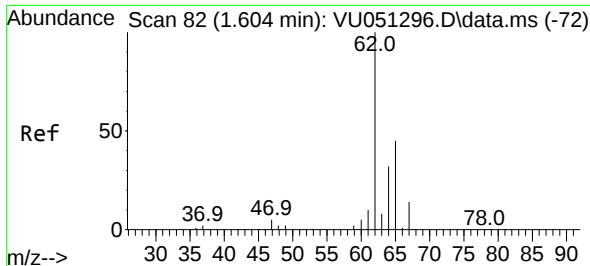
Tgt Ion: 85 Resp: 87478
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.2 39.4



#3
 Chloromethane
 Concen: 4.434 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VU051315.D
 Acq: 10 Oct 2022 09:40

Tgt Ion: 50 Resp: 106543
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.9 42.5

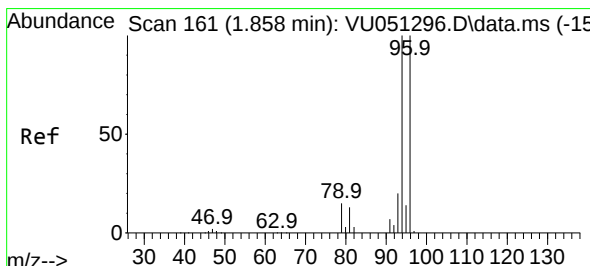
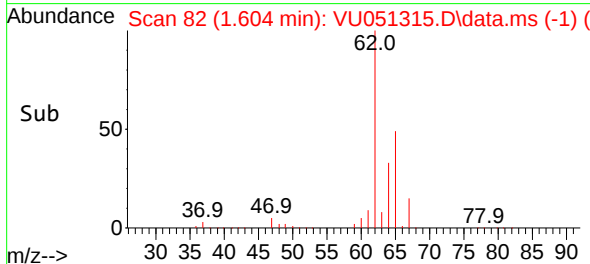
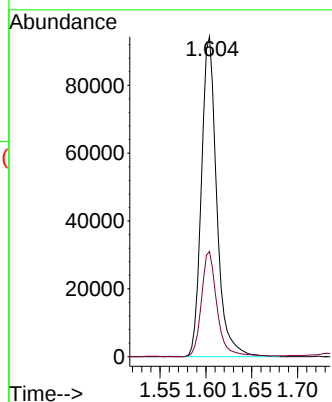
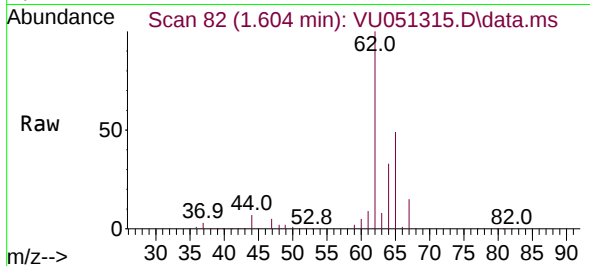




#5
 Vinyl chloride
 Concen: 4.660 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VU051315.D
 Acq: 10 Oct 2022 09:40

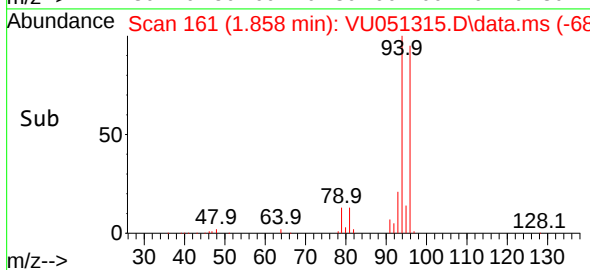
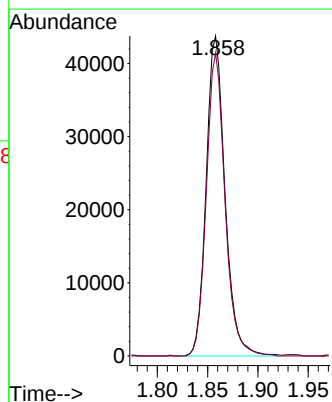
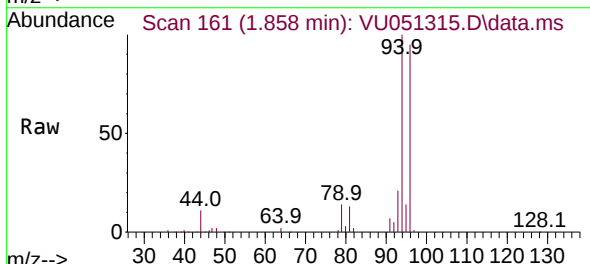
Instrument :
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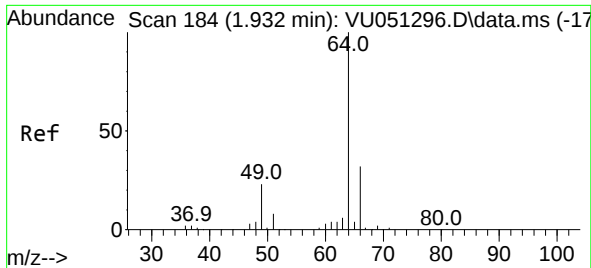
Tgt Ion: 62 Resp: 109825
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.0 44.6



#6
 Bromomethane
 Concen: 4.448 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU051315.D
 Acq: 10 Oct 2022 09:40

Tgt Ion: 94 Resp: 57089
 Ion Ratio Lower Upper
 94 100
 96 94.7 64.9 120.5

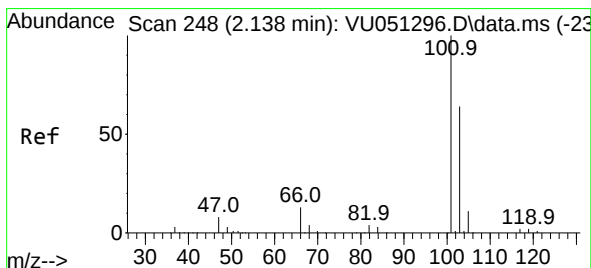
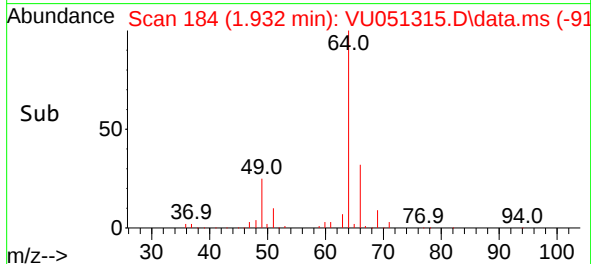
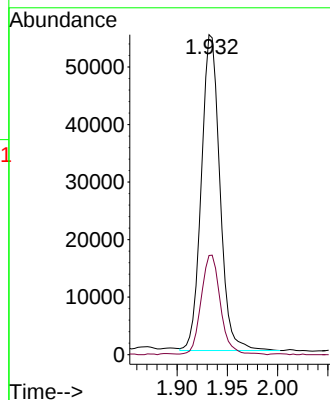
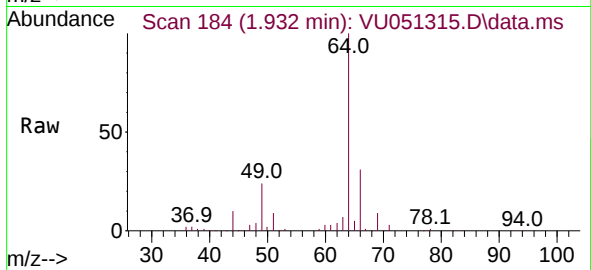




#8
Chloroethane
Concen: 4.686 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU051315.D
Acq: 10 Oct 2022 09:40

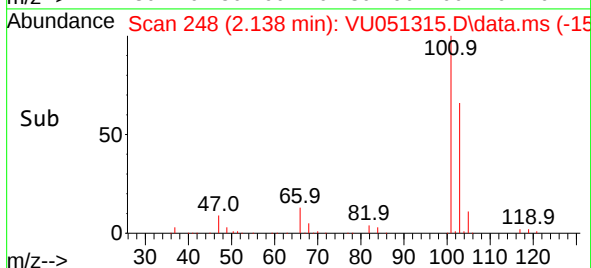
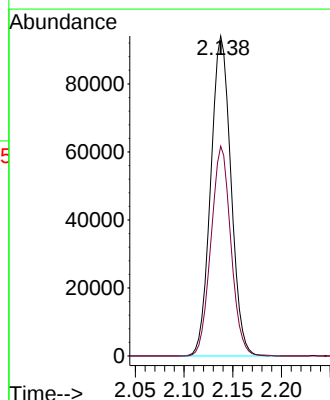
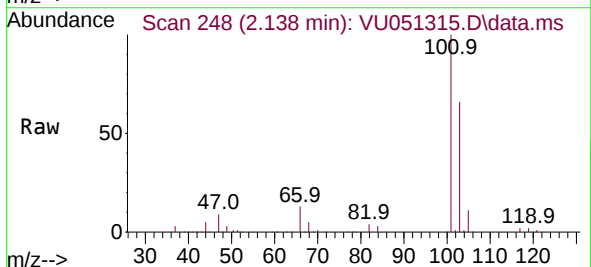
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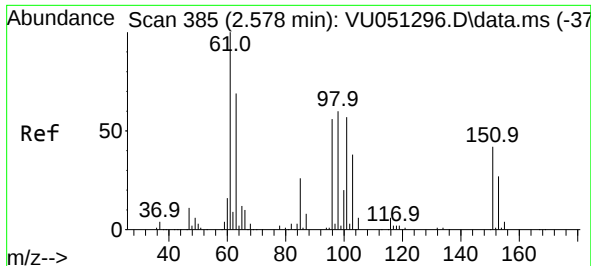
Tgt Ion: 64 Resp: 70430
Ion Ratio Lower Upper
64 100
66 31.0 22.3 41.3



#9
Trichlorofluoromethane
Concen: 4.994 ug/L
RT: 2.138 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU051315.D
Acq: 10 Oct 2022 09:40

Tgt Ion:101 Resp: 135686
Ion Ratio Lower Upper
101 100
103 64.5 52.2 78.2

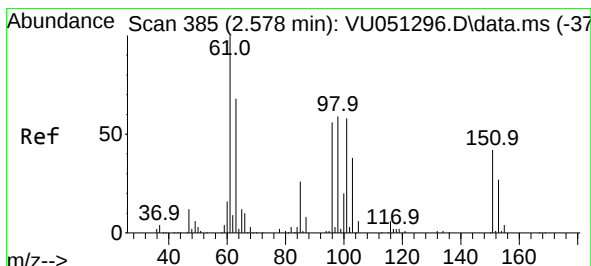
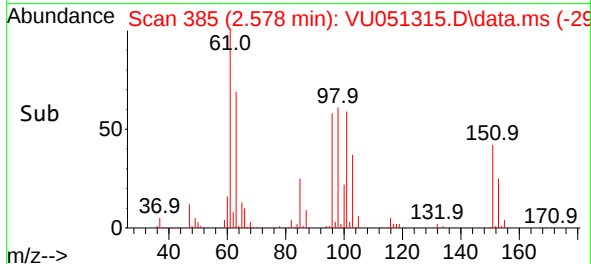
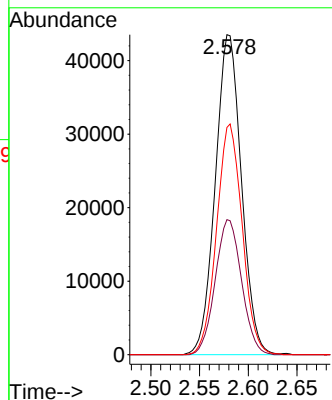
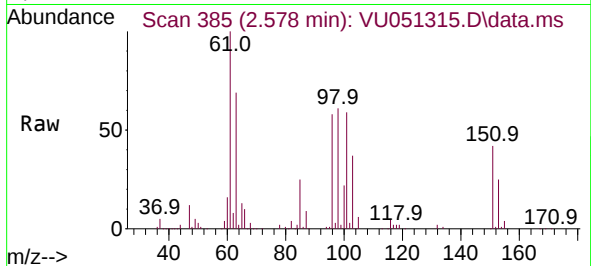




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.986 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051315.D
 Acq: 10 Oct 2022 09:40

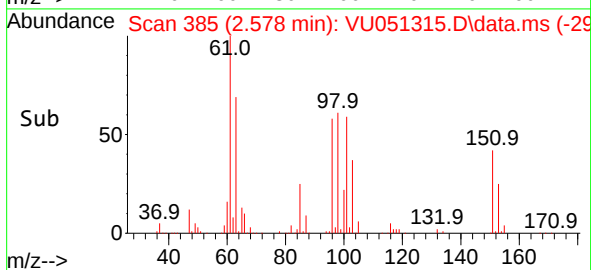
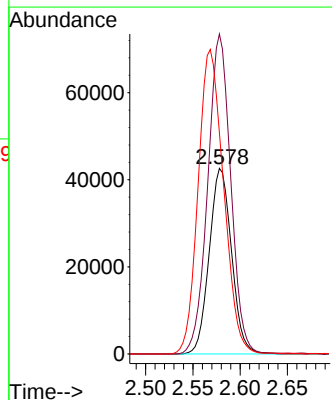
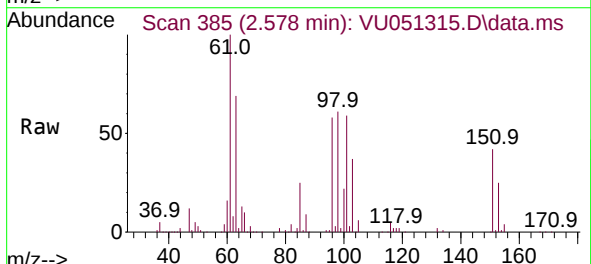
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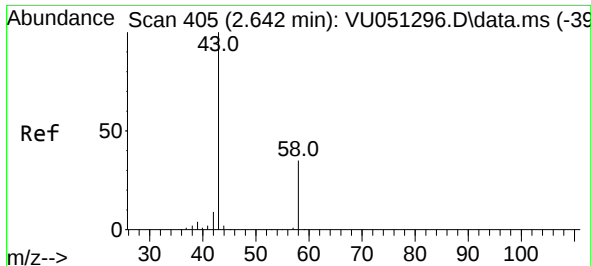
Tgt Ion:101 Resp: 81297
 Ion Ratio Lower Upper
 101 100
 85 42.4 34.6 51.8
 151 70.6 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 4.571 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051315.D
 Acq: 10 Oct 2022 09:40

Tgt Ion: 96 Resp: 69932
 Ion Ratio Lower Upper
 96 100
 61 172.4 117.6 218.4
 63 119.3 85.2 158.2





#13

Acetone

Concen: 47.905 ug/L

RT: 2.642 min Scan# 405

Delta R.T. -0.000 min

Lab File: VU051315.D

Acq: 10 Oct 2022 09:40

Instrument :

MSVOA_U

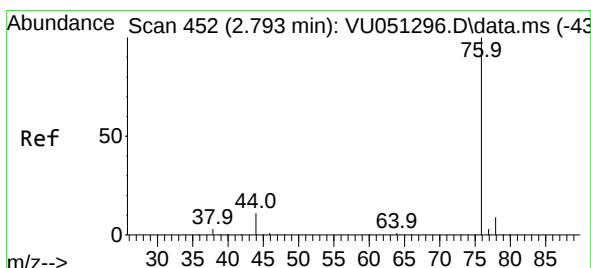
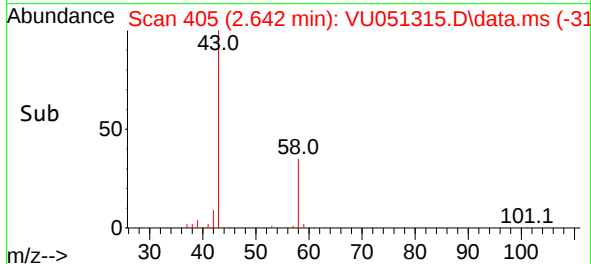
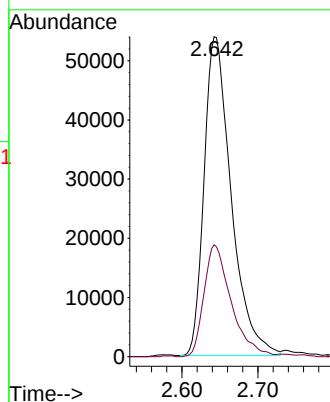
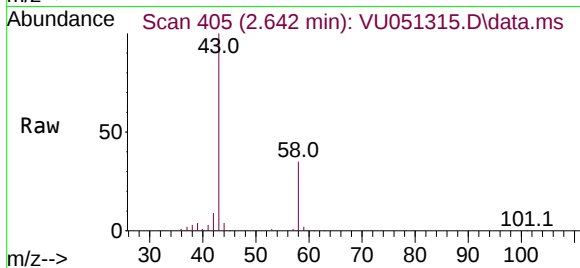
ClientSampleId :

Tgt Ion: 43 Resp: 133870

Ion Ratio Lower Upper

43 100

58 35.1 0.0 68.8



#14

Carbon disulfide

Concen: 4.635 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU051315.D

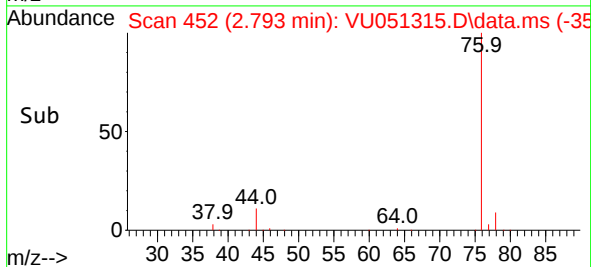
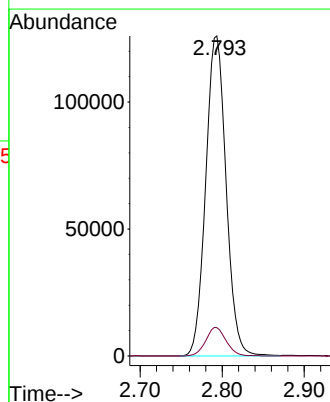
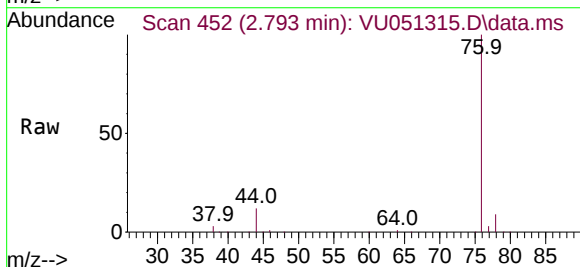
Acq: 10 Oct 2022 09:40

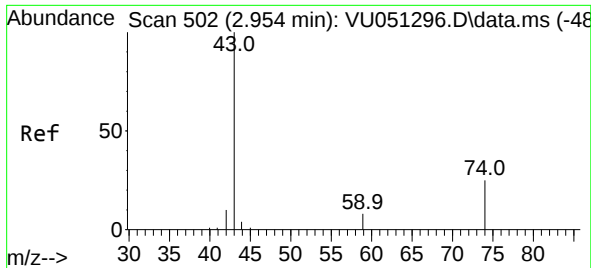
Tgt Ion: 76 Resp: 217176

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.4

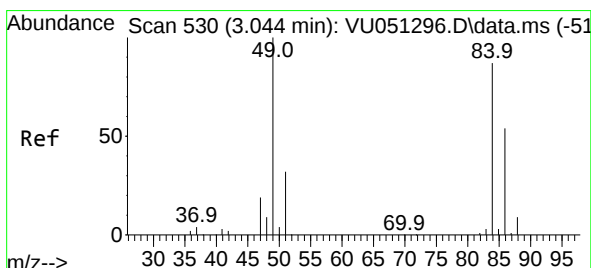
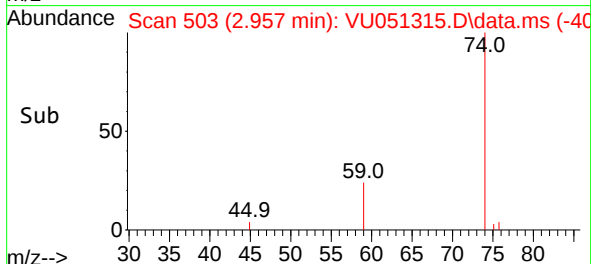
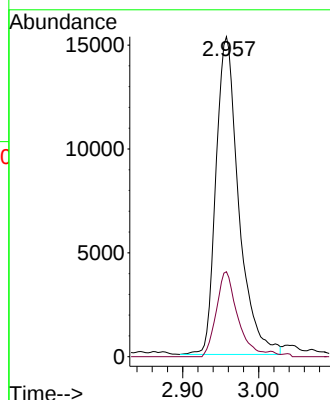
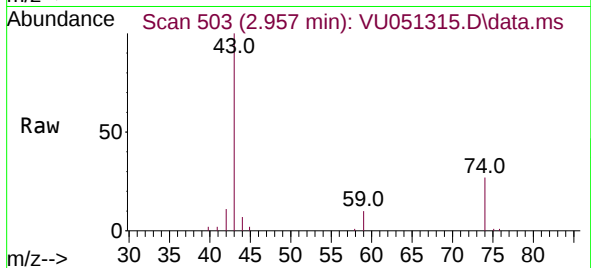




#15
Methyl Acetate
Concen: 4.682 ug/L
RT: 2.957 min Scan# 502
Delta R.T. 0.003 min
Lab File: VU051315.D
Acq: 10 Oct 2022 09:40

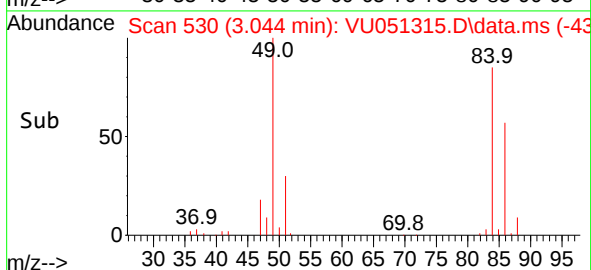
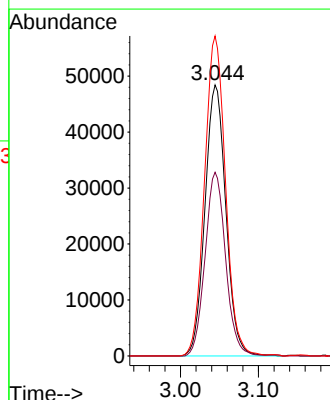
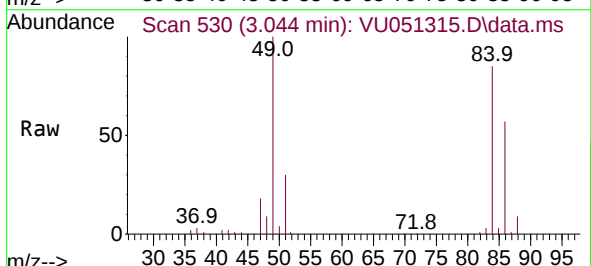
Instrument :
MSVOA_U
ClientSampleId :

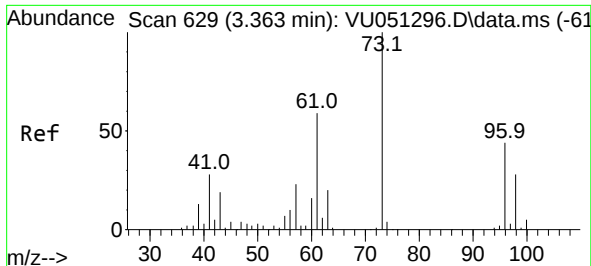
Tgt Ion: 43 Resp: 31805
Ion Ratio Lower Upper
43 100
74 24.9 20.0 30.0



#16
Methylene chloride
Concen: 3.994 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU051315.D
Acq: 10 Oct 2022 09:40

Tgt Ion: 84 Resp: 90220
Ion Ratio Lower Upper
84 100
86 67.8 46.5 86.3
49 118.1 81.3 151.1





#17

Methyl tert-butyl Ether

Concen: 4.354 ug/L

RT: 3.363 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU051315.D

Acq: 10 Oct 2022 09:40

Instrument :

MSVOA_U

ClientSampleId :

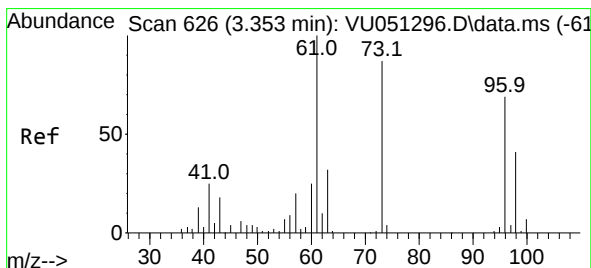
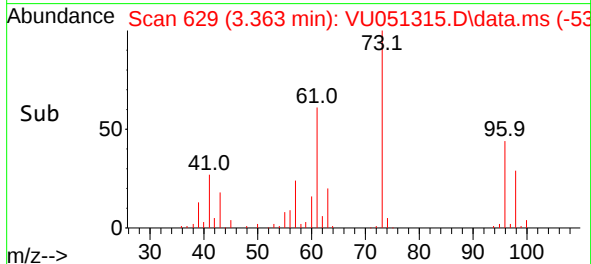
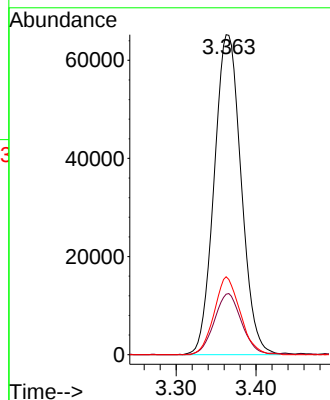
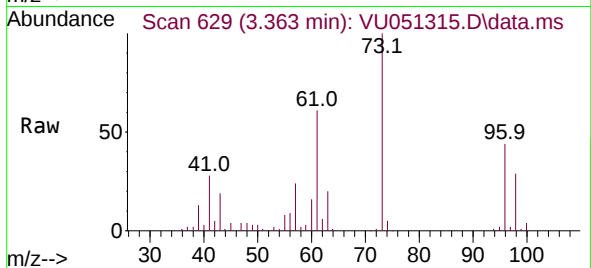
Tgt Ion: 73 Resp: 152592

Ion Ratio Lower Upper

73 100

43 19.5 15.4 23.0

57 23.6 18.9 28.3



#18

trans-1,2-Dichloroethene

Concen: 4.627 ug/L

RT: 3.353 min Scan# 626

Delta R.T. -0.000 min

Lab File: VU051315.D

Acq: 10 Oct 2022 09:40

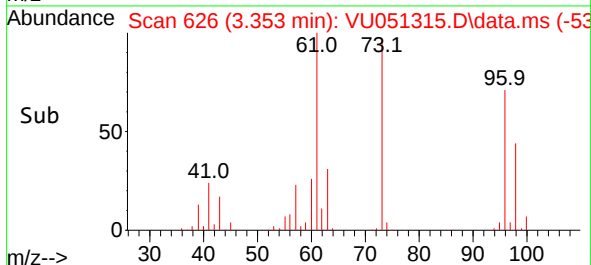
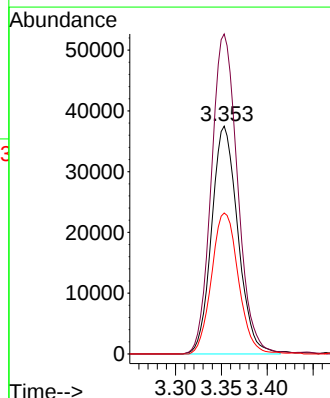
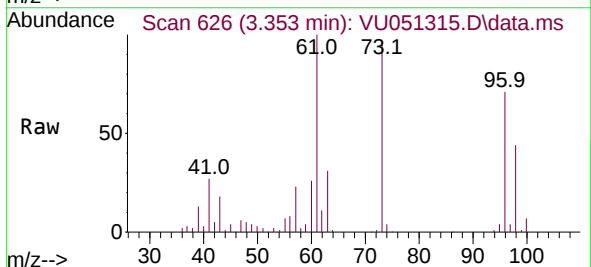
Tgt Ion: 96 Resp: 74475

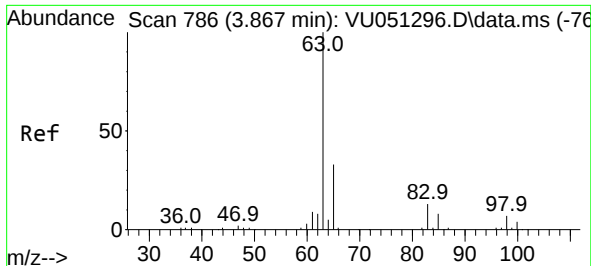
Ion Ratio Lower Upper

96 100

61 140.4 101.4 188.2

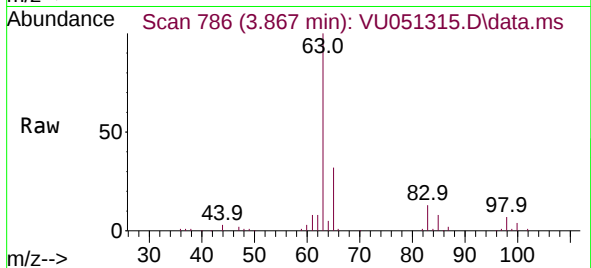
98 61.9 44.9 83.5



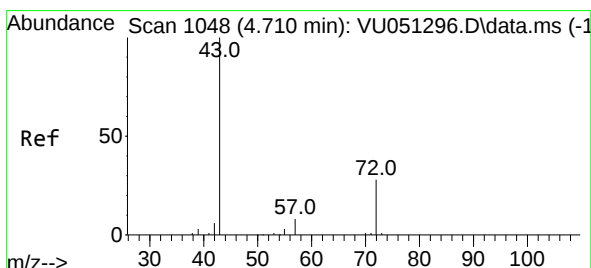
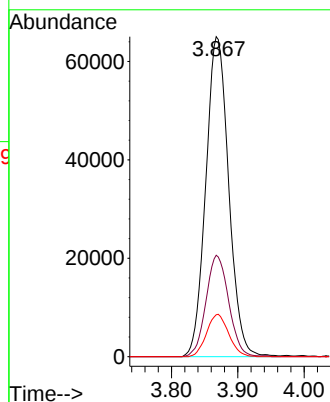
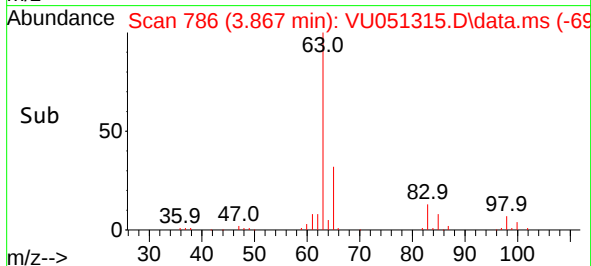


#19
1,1-Dichloroethane
Concen: 4.698 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU051315.D
Acq: 10 Oct 2022 09:40

Instrument :
MSVOA_U
ClientSampleId :

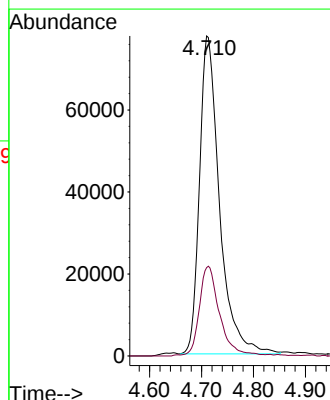
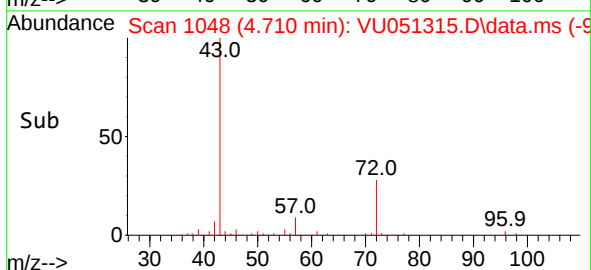
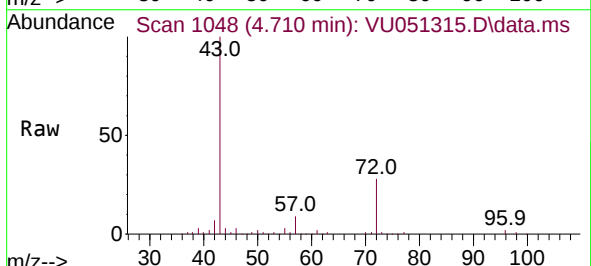


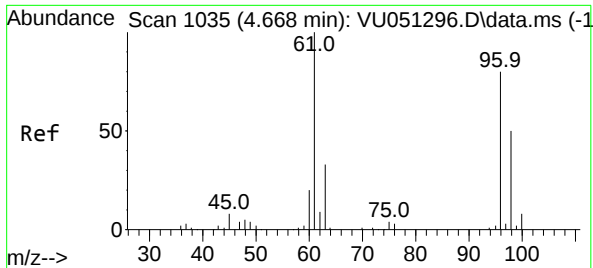
Tgt Ion: 63 Resp: 156027
Ion Ratio Lower Upper
63 100
65 31.7 22.0 41.0
83 13.1 9.0 16.6



#21
2-Butanone
Concen: 47.050 ug/L
RT: 4.710 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU051315.D
Acq: 10 Oct 2022 09:40

Tgt Ion: 43 Resp: 207214
Ion Ratio Lower Upper
43 100
72 28.6 13.8 41.4





#22

cis-1,2-Dichloroethene

Concen: 4.533 ug/L

RT: 4.665 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VU051315.D

Acq: 10 Oct 2022 09:40

Instrument :

MSVOA_U

ClientSampleId :

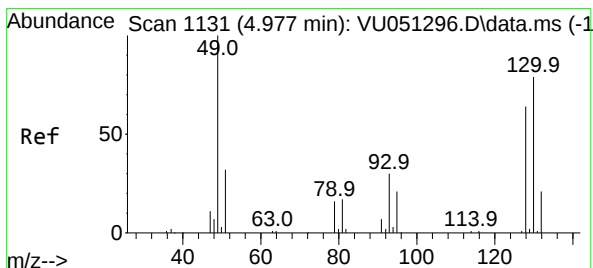
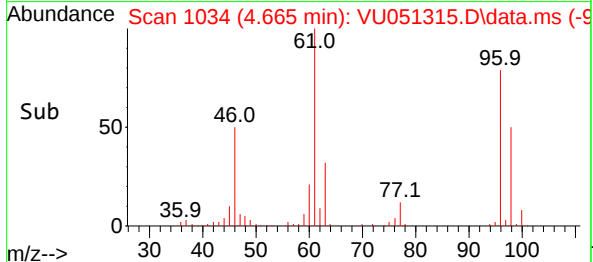
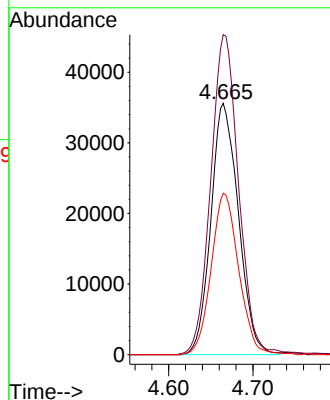
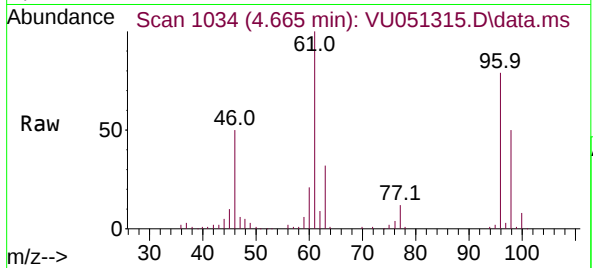
Tgt Ion: 96 Resp: 80826

Ion Ratio Lower Upper

96 100

61 127.3 90.6 168.2

98 64.2 47.5 88.3



#23

Bromochloromethane

Concen: 4.888 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VU051315.D

Acq: 10 Oct 2022 09:40

Tgt Ion: 128 Resp: 41581

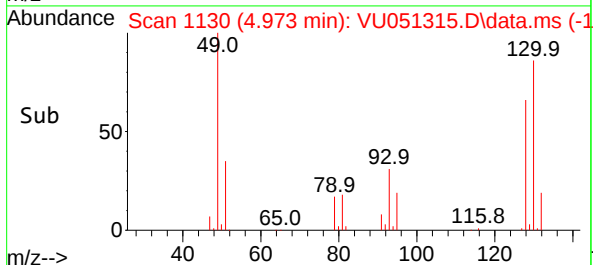
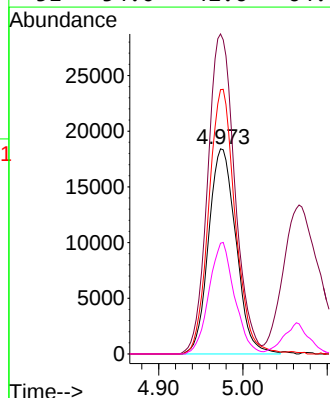
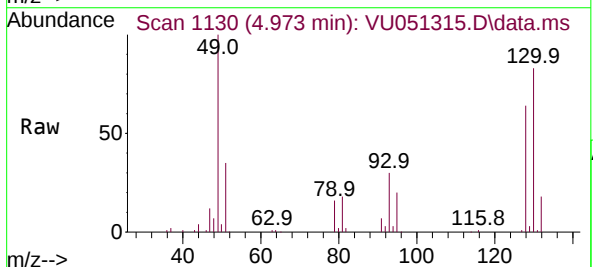
Ion Ratio Lower Upper

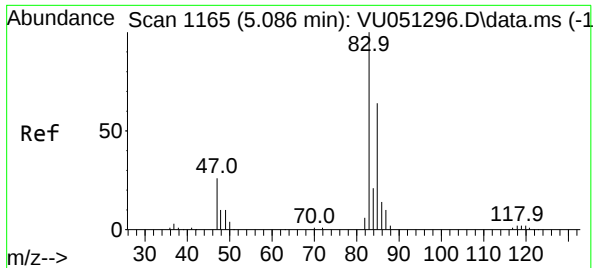
128 100

49 156.0 118.0 219.2

130 128.9 88.8 164.8

51 54.0 42.6 64.0





#25

Chloroform

Concen: 4.606 ug/L

RT: 5.089 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VU051315.D

Acq: 10 Oct 2022 09:40

Instrument :

MSVOA_U

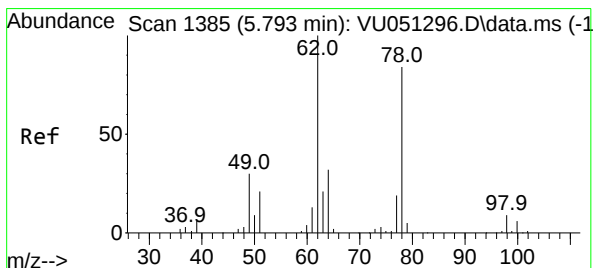
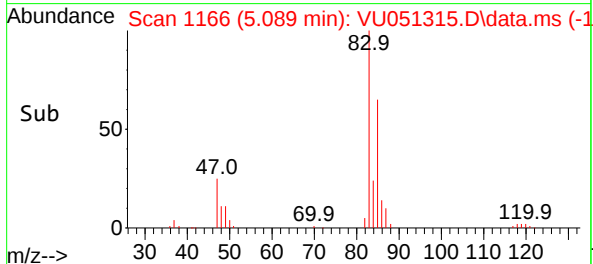
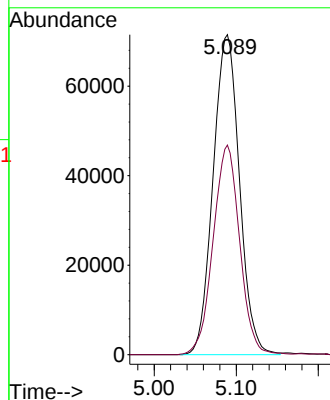
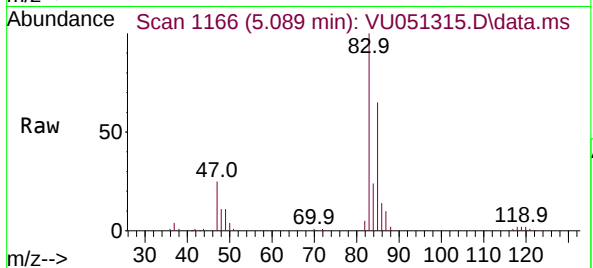
ClientSampleId :

Tgt Ion: 83 Resp: 159782

Ion Ratio Lower Upper

83 100

85 65.5 45.6 84.6



#27

1,2-Dichloroethane

Concen: 4.785 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU051315.D

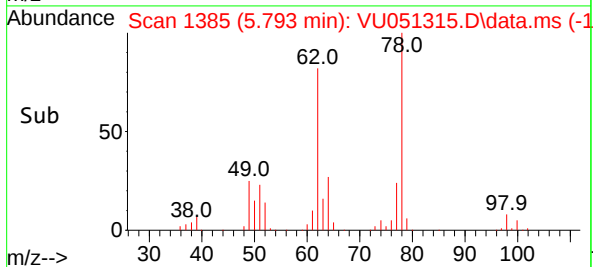
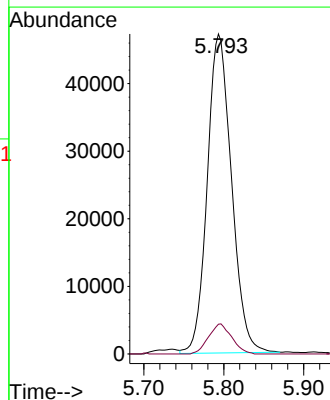
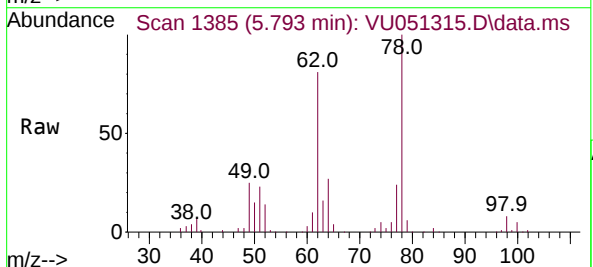
Acq: 10 Oct 2022 09:40

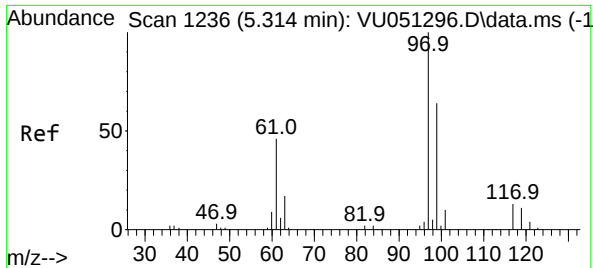
Tgt Ion: 62 Resp: 99443

Ion Ratio Lower Upper

62 100

98 9.3 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 4.711 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU051315.D

Acq: 10 Oct 2022 09:40

Instrument :

MSVOA_U

ClientSampleId :

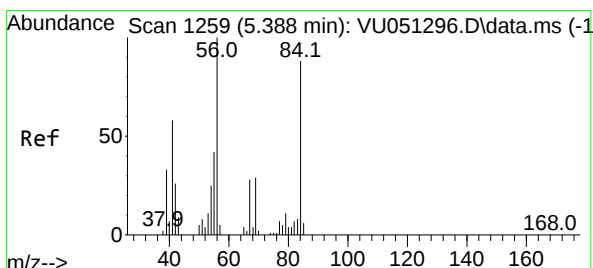
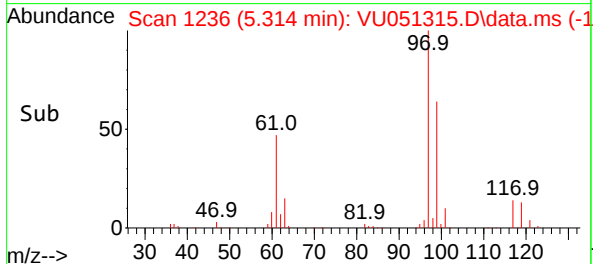
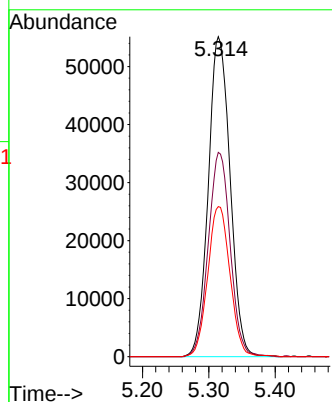
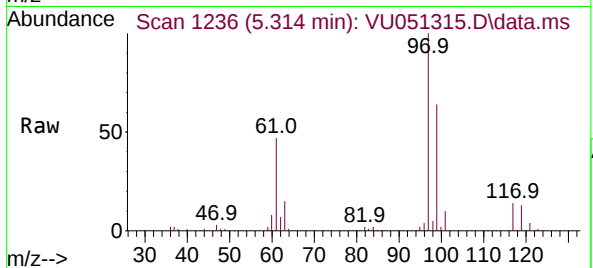
Tgt Ion: 97 Resp: 125993

Ion Ratio Lower Upper

97 100

99 64.3 50.2 75.4

61 48.1 38.7 58.1



#30

Cyclohexane

Concen: 4.402 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU051315.D

Acq: 10 Oct 2022 09:40

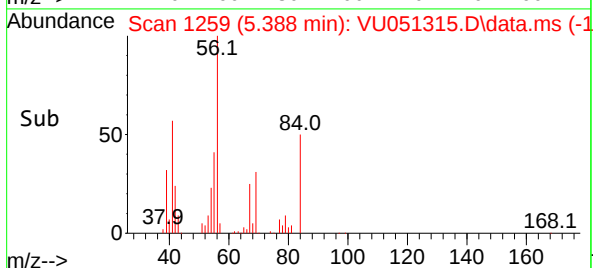
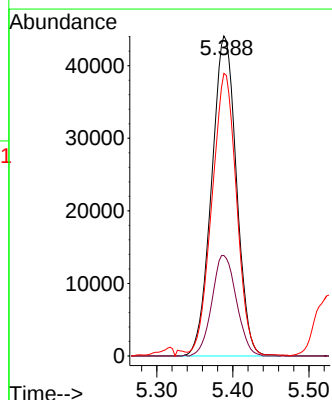
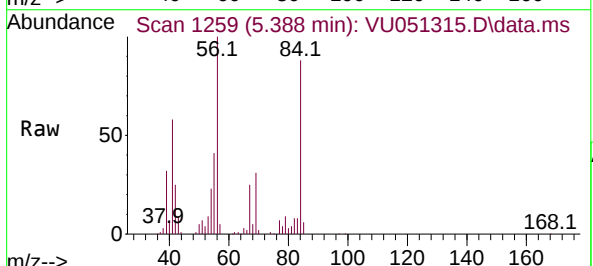
Tgt Ion: 56 Resp: 99871

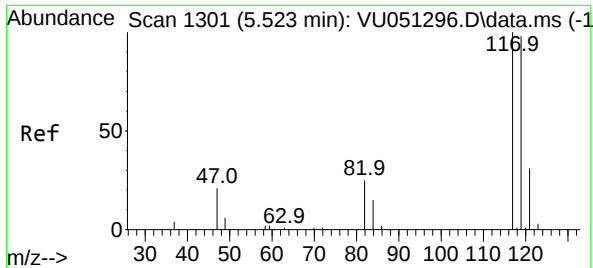
Ion Ratio Lower Upper

56 100

69 31.0 25.1 37.7

84 87.2 70.9 106.3

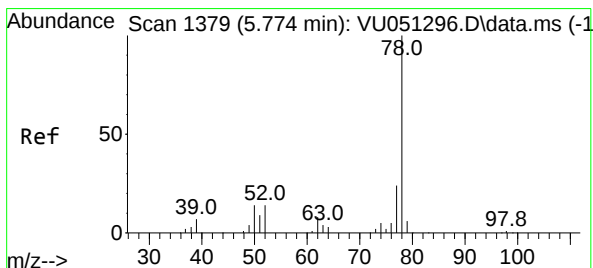
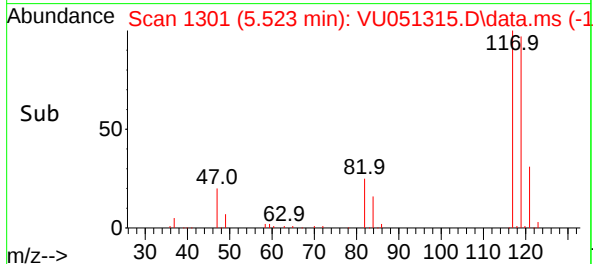
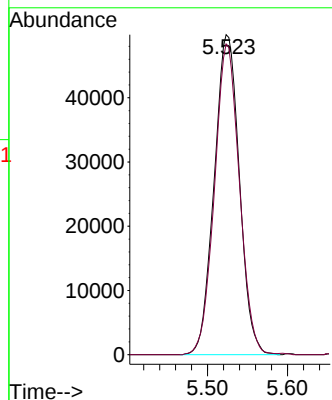
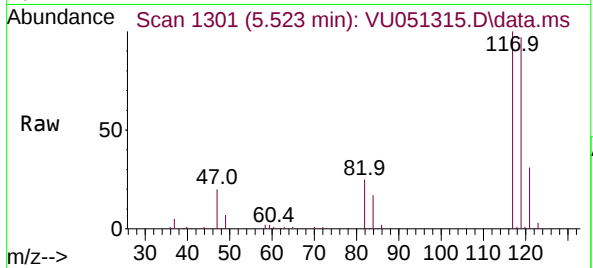




#31
Carbon tetrachloride
Concen: 4.803 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VU051315.D
Acq: 10 Oct 2022 09:40

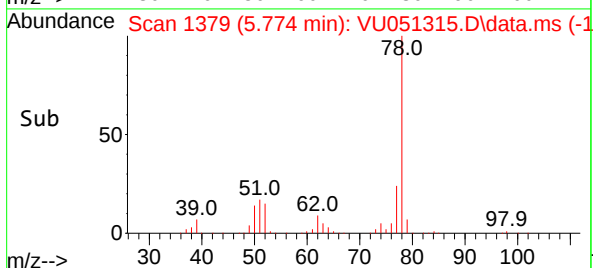
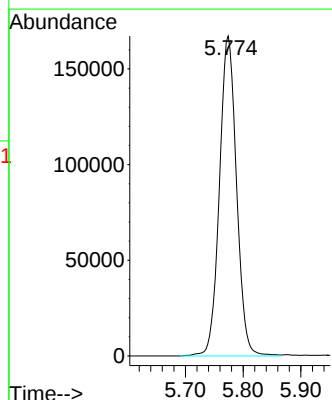
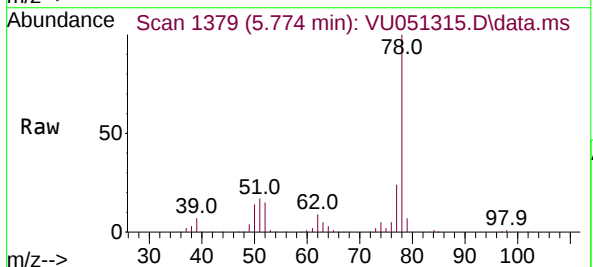
Instrument :
MSVOA_U
ClientSampleId :

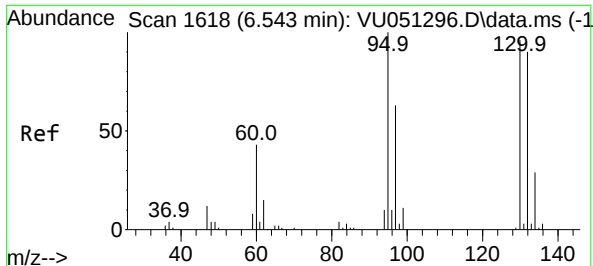
Tgt Ion:117 Resp: 108713
Ion Ratio Lower Upper
117 100
119 96.2 78.4 117.6



#33
Benzene
Concen: 4.613 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU051315.D
Acq: 10 Oct 2022 09:40

Tgt Ion: 78 Resp: 343735





#34

Trichloroethene

Concen: 4.475 ug/L

RT: 6.543 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051315.D

Acq: 10 Oct 2022 09:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 83184

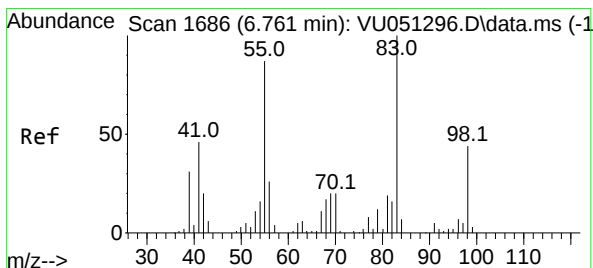
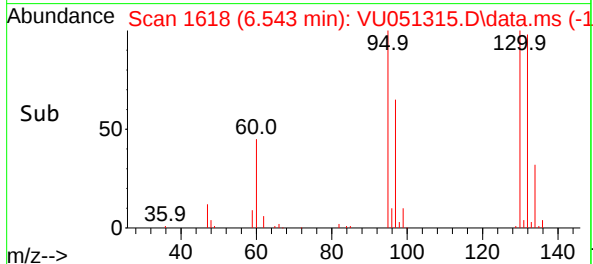
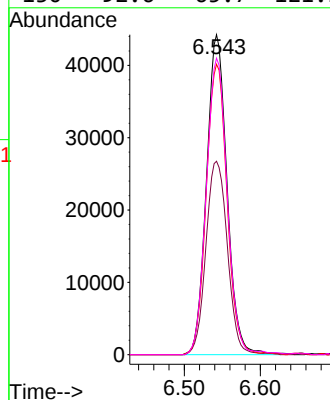
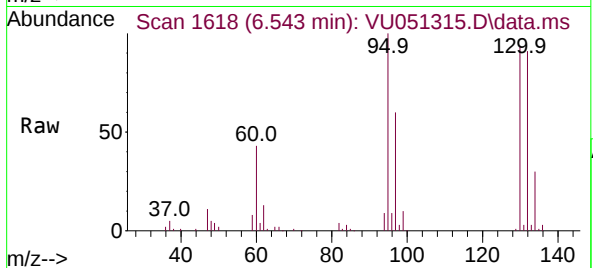
Ion Ratio Lower Upper

95 100

97 60.5 45.4 84.2

132 90.8 63.1 117.3

130 92.6 65.7 121.9



#35

Methylcyclohexane

Concen: 4.667 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. 0.003 min

Lab File: VU051315.D

Acq: 10 Oct 2022 09:40

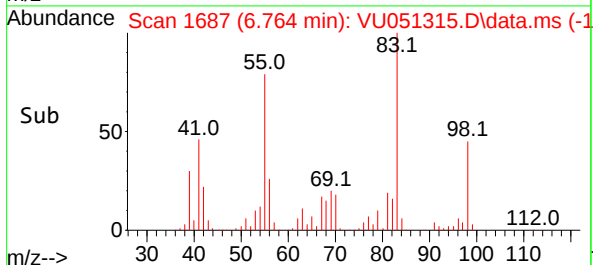
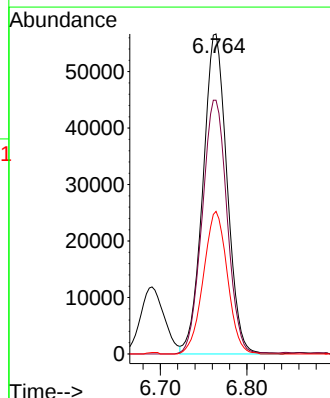
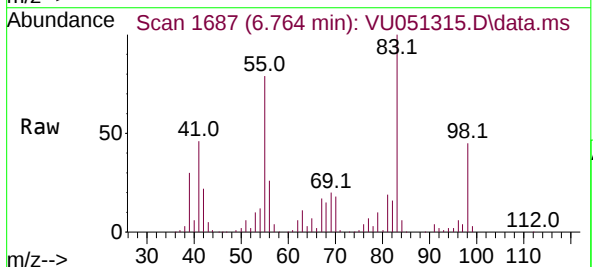
Tgt Ion: 83 Resp: 109454

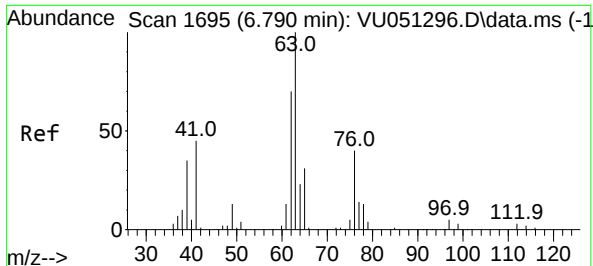
Ion Ratio Lower Upper

83 100

55 81.9 65.8 98.6

98 44.5 35.9 53.9





#37

1,2-Dichloropropane

Concen: 4.668 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU051315.D

Acq: 10 Oct 2022 09:40

Instrument :

MSVOA_U

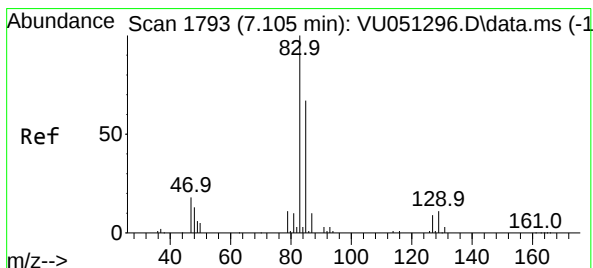
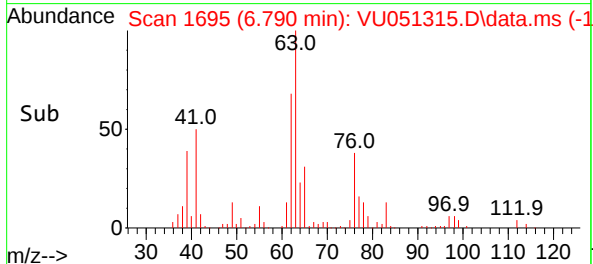
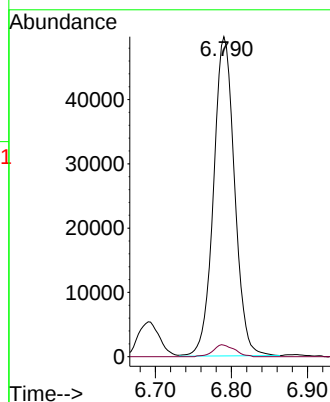
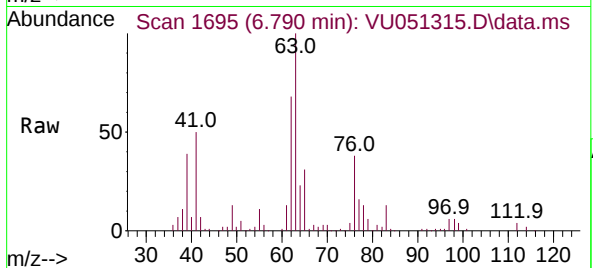
ClientSampleId :

Tgt Ion: 63 Resp: 95339

Ion Ratio Lower Upper

63 100

112 3.8 3.2 4.8



#38

Bromodichloromethane

Concen: 4.717 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU051315.D

Acq: 10 Oct 2022 09:40

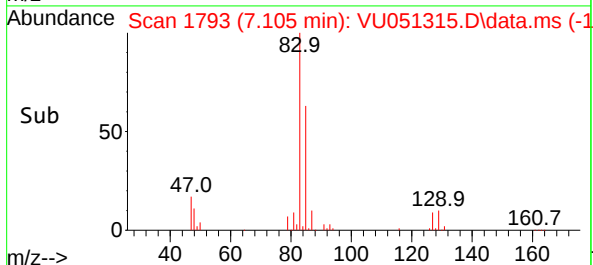
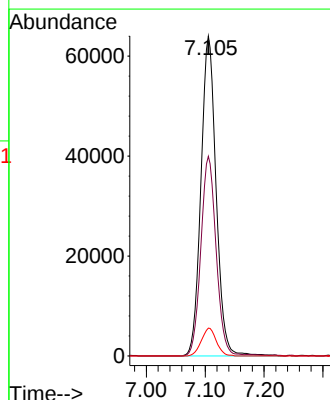
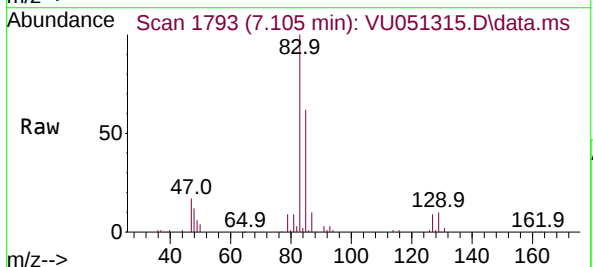
Tgt Ion: 83 Resp: 114943

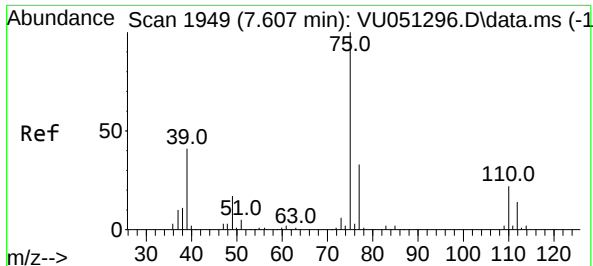
Ion Ratio Lower Upper

83 100

85 62.4 44.8 83.2

127 8.7 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.523 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU051315.D

Acq: 10 Oct 2022 09:40

Instrument :

MSVOA_U

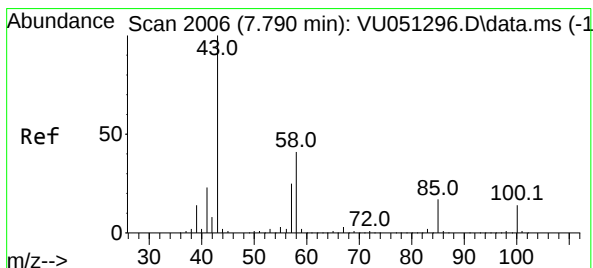
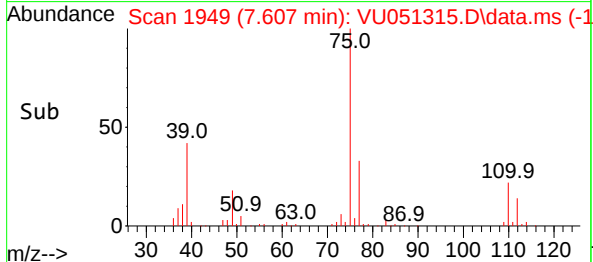
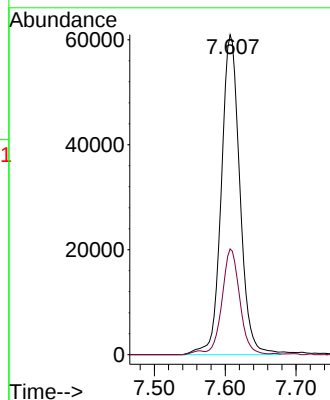
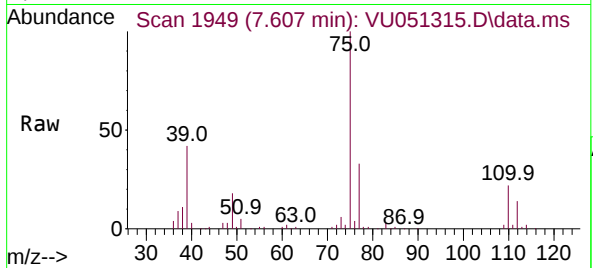
ClientSampleId :

Tgt Ion: 75 Resp: 111036

Ion Ratio Lower Upper

75 100

77 33.1 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 45.244 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU051315.D

Acq: 10 Oct 2022 09:40

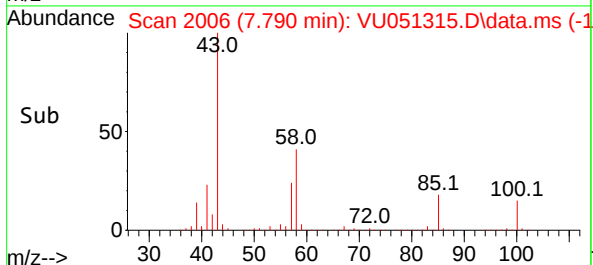
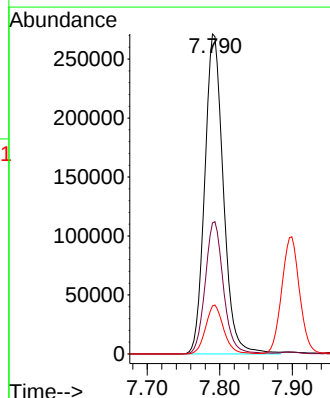
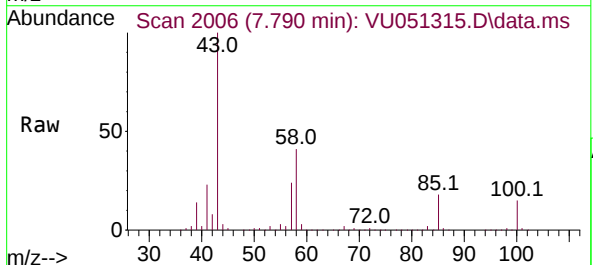
Tgt Ion: 43 Resp: 484832

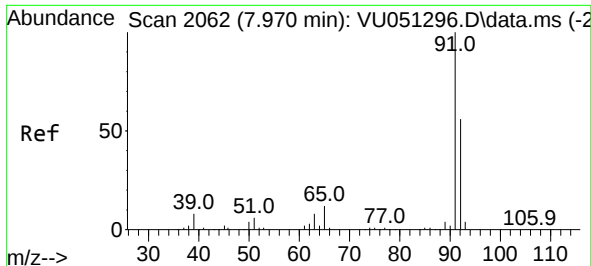
Ion Ratio Lower Upper

43 100

58 40.6 33.0 49.6

100 14.8 11.8 17.6





#42

Toluene

Concen: 4.570 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU051315.D

Acq: 10 Oct 2022 09:40

Instrument :

MSVOA_U

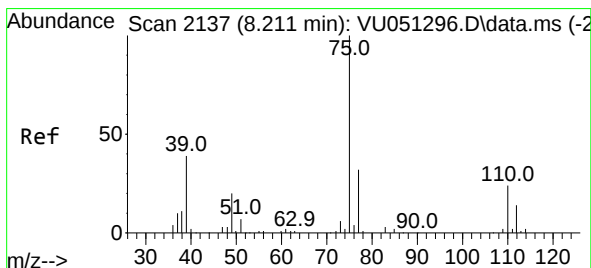
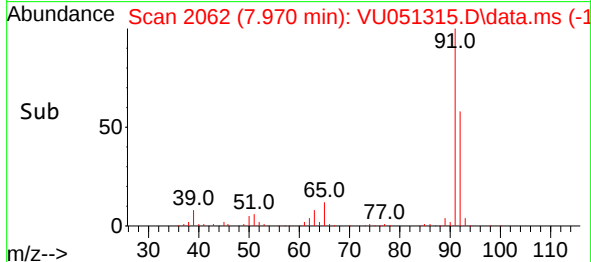
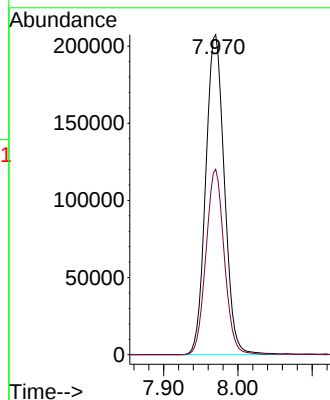
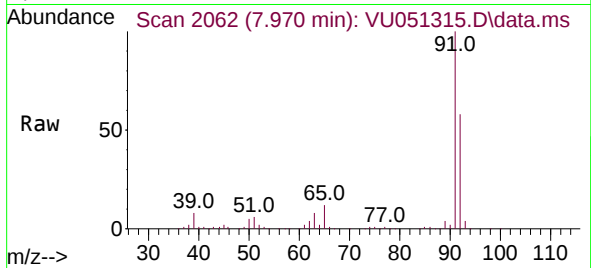
ClientSampleId :

Tgt Ion: 91 Resp: 361464

Ion Ratio Lower Upper

91 100

92 57.9 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 4.786 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU051315.D

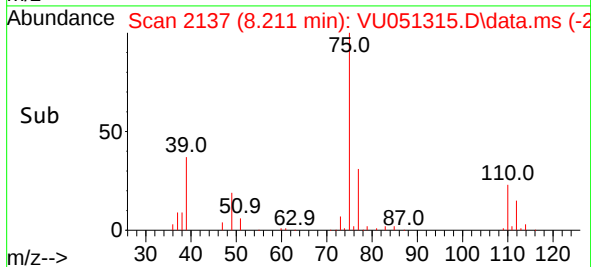
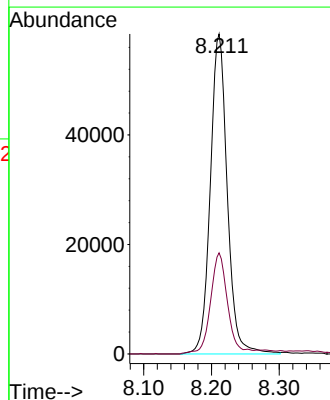
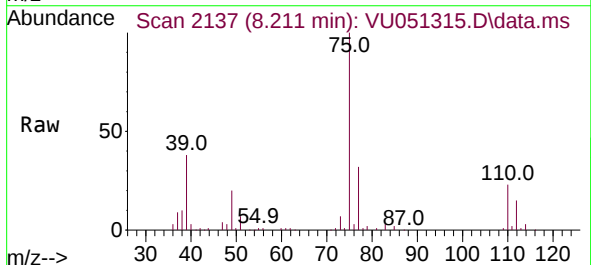
Acq: 10 Oct 2022 09:40

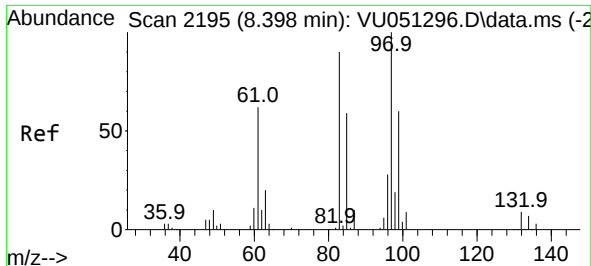
Tgt Ion: 75 Resp: 101595

Ion Ratio Lower Upper

75 100

77 31.6 21.8 40.6



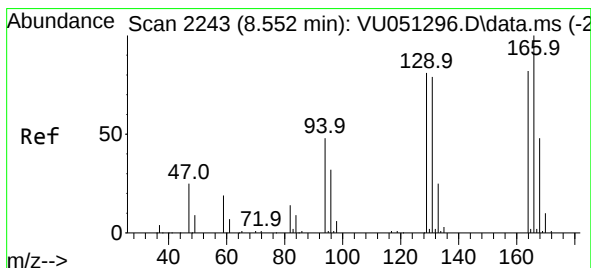
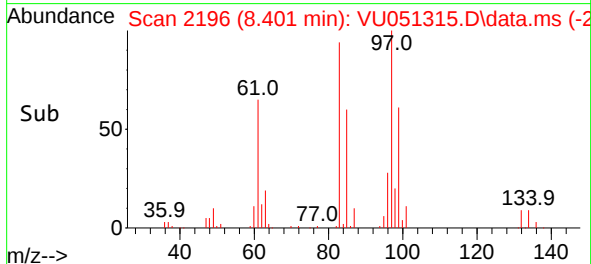
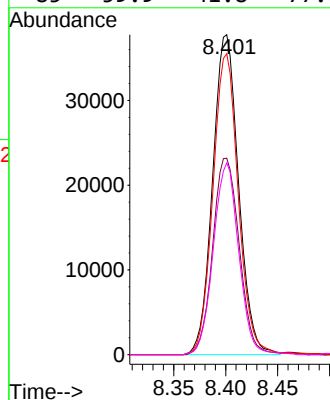
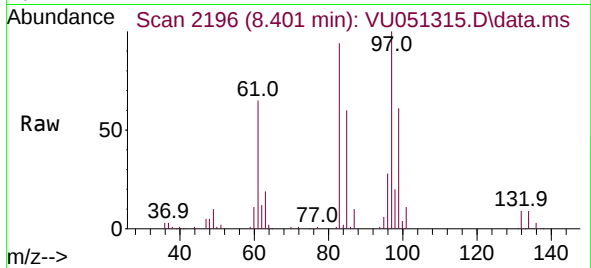


#45
1,1,2-Trichloroethane
Concen: 4.564 ug/L
RT: 8.401 min Scan# 2195
Delta R.T. 0.003 min
Lab File: VU051315.D
Acq: 10 Oct 2022 09:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 65457

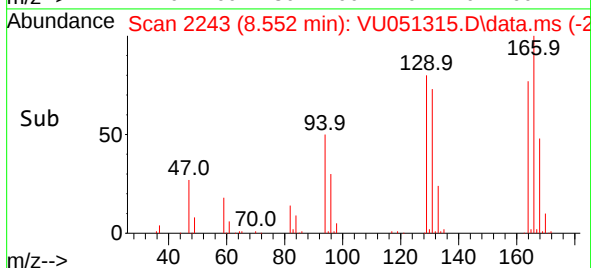
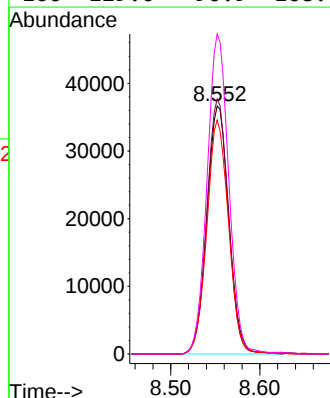
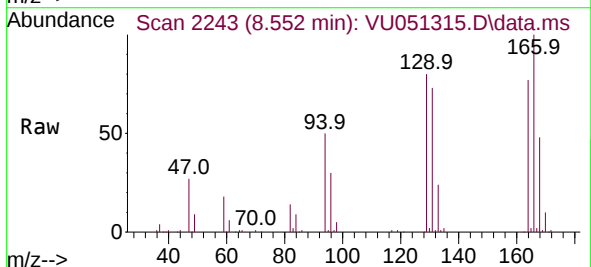
Ion	Ratio	Lower	Upper
97	100		
99	61.4	45.3	84.1
83	94.0	63.1	117.1
85	59.9	41.8	77.6

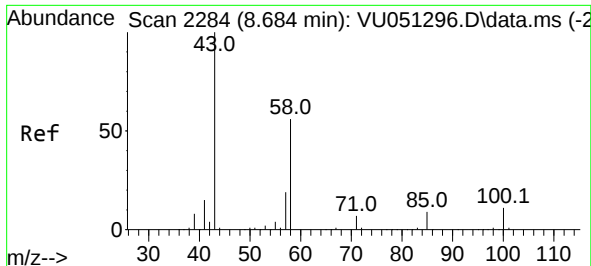


#47
Tetrachloroethene
Concen: 4.599 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051315.D
Acq: 10 Oct 2022 09:40

Tgt Ion: 164 Resp: 62864

Ion	Ratio	Lower	Upper
164	100		
129	102.9	71.3	132.3
131	94.3	66.9	124.3
166	129.0	90.9	168.7

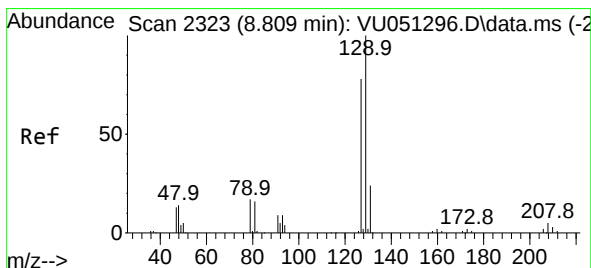
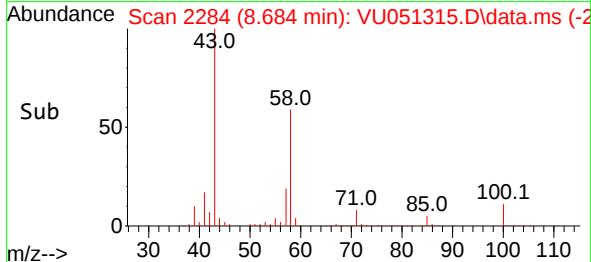
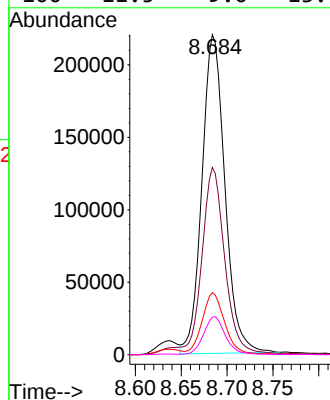
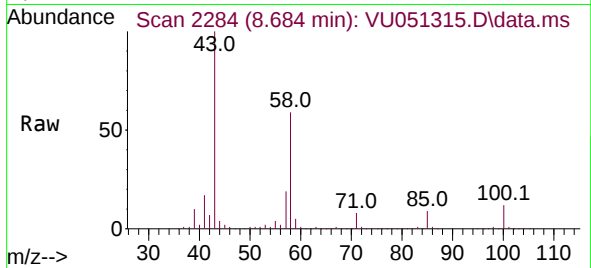




#48
2-Hexanone
Concen: 48.037 ug/L
RT: 8.684 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU051315.D
Acq: 10 Oct 2022 09:40

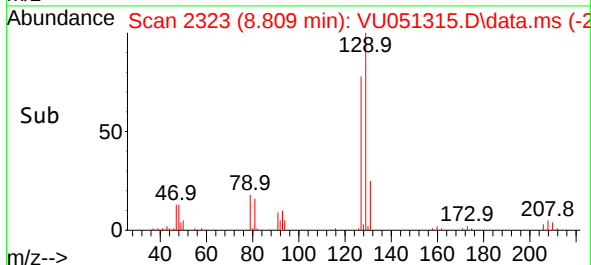
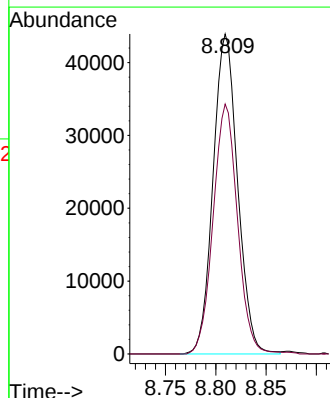
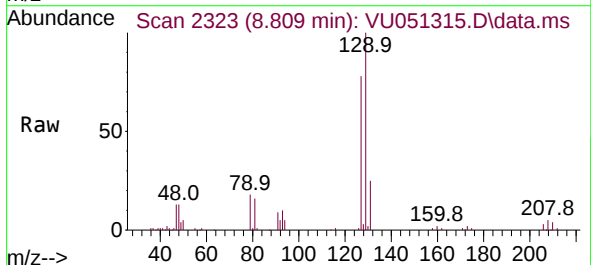
Instrument :
MSVOA_U
ClientSampleId :

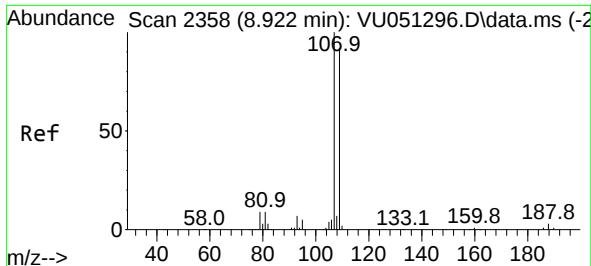
Tgt Ion:	43	Resp:	383281
Ion	Ratio	Lower	Upper
43	100		
58	60.3	48.2	72.2
57	19.2	15.5	23.3
100	11.5	9.0	13.4



#49
Dibromochloromethane
Concen: 4.630 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU051315.D
Acq: 10 Oct 2022 09:40

Tgt Ion:	129	Resp:	74564
Ion	Ratio	Lower	Upper
129	100		
127	78.1	53.5	99.3

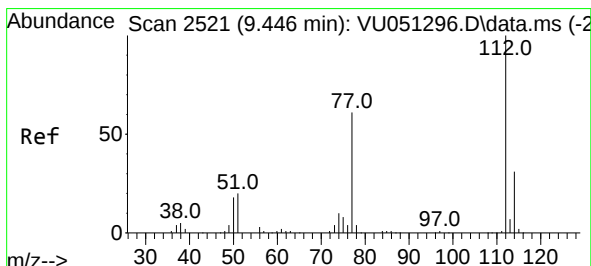
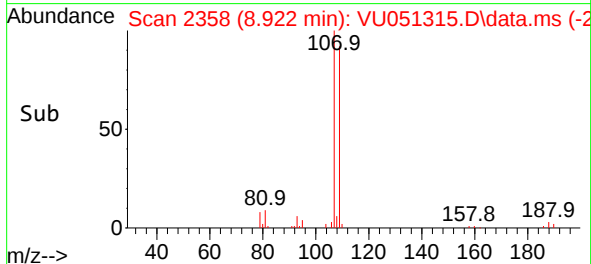
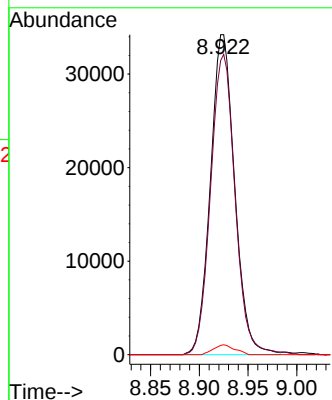
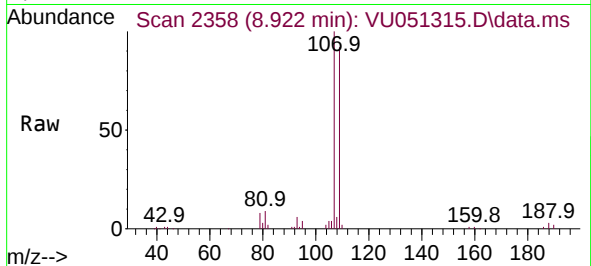




#50
1,2-Dibromoethane
Concen: 4.646 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051315.D
Acq: 10 Oct 2022 09:40

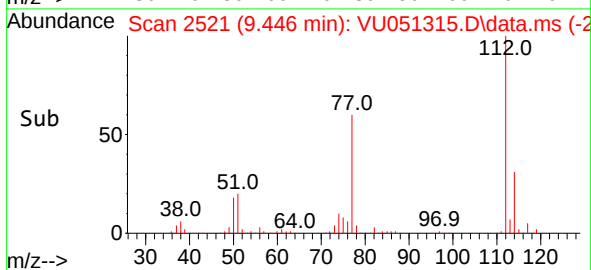
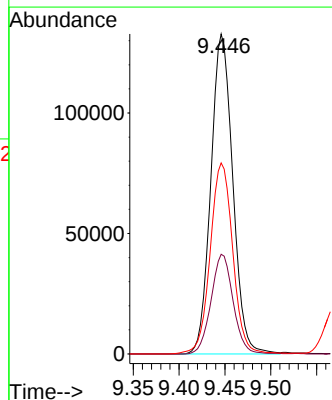
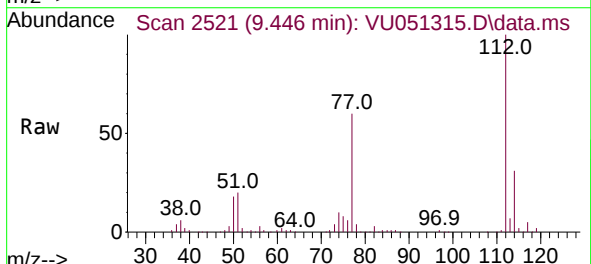
Instrument :
MSVOA_U
ClientSampleId :

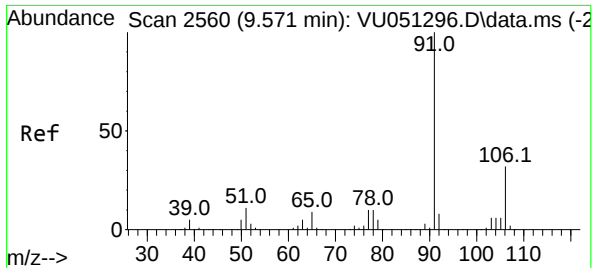
Tgt Ion:107 Resp: 59305
Ion Ratio Lower Upper
107 100
109 92.0 67.1 124.7
188 2.9 2.5 3.7



#51
Chlorobenzene
Concen: 4.672 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051315.D
Acq: 10 Oct 2022 09:40

Tgt Ion:112 Resp: 220834
Ion Ratio Lower Upper
112 100
114 31.1 22.3 41.5
77 59.7 48.1 72.1

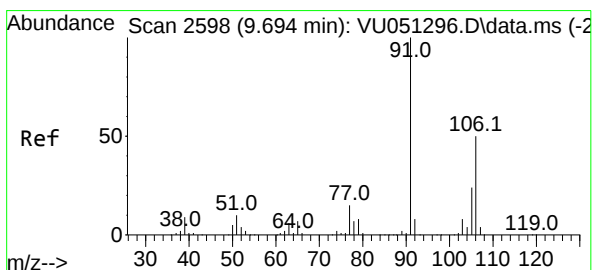
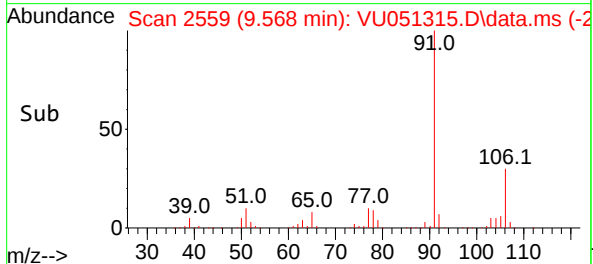
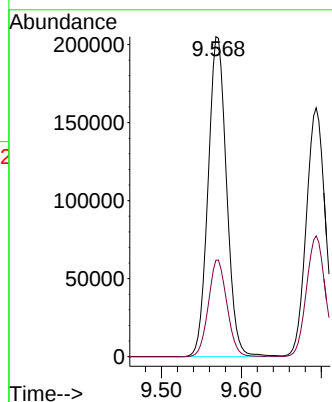
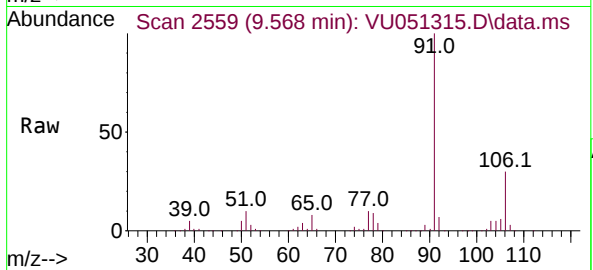




#52
Ethylbenzene
Concen: 4.630 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU051315.D
Acq: 10 Oct 2022 09:40

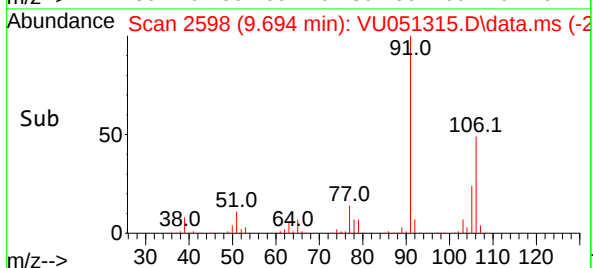
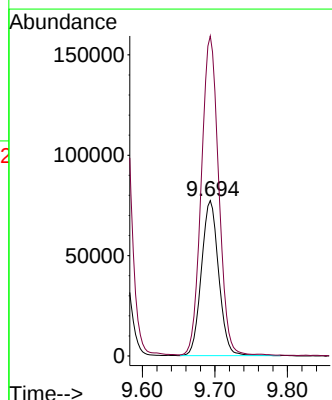
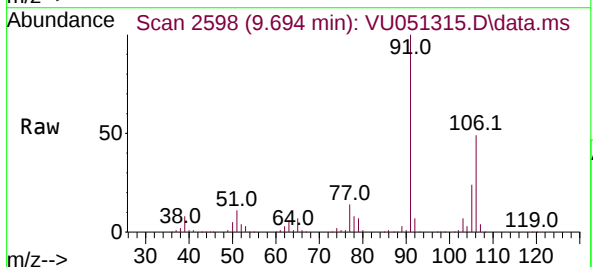
Instrument :
MSVOA_U
ClientSampleId :

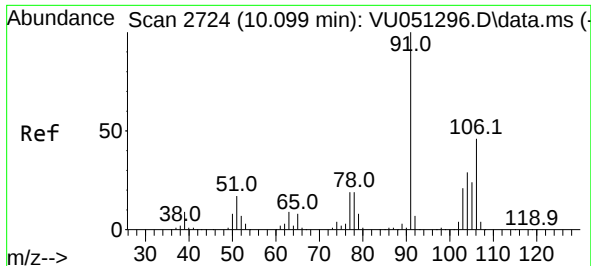
Tgt Ion: 91 Resp: 329115
Ion Ratio Lower Upper
91 100
106 30.2 20.9 38.7



#53
m,p-Xylene
Concen: 4.625 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU051315.D
Acq: 10 Oct 2022 09:40

Tgt Ion: 106 Resp: 127501
Ion Ratio Lower Upper
106 100
91 206.0 143.9 267.3

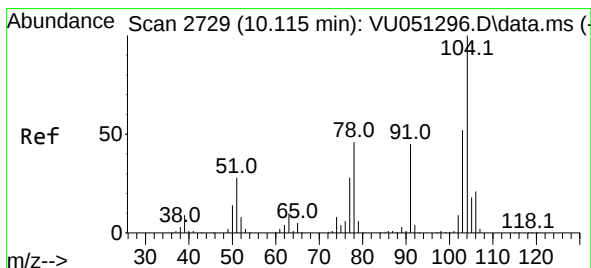
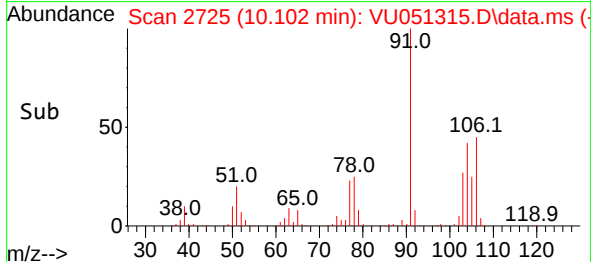
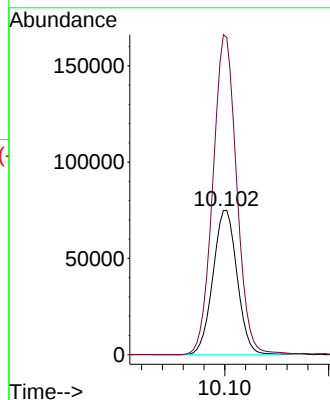
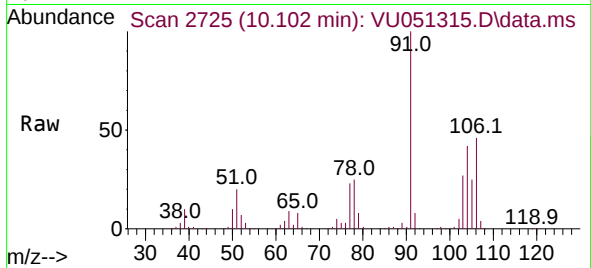




#54
o-Xylene
Concen: 4.643 ug/L
RT: 10.102 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU051315.D
Acq: 10 Oct 2022 09:40

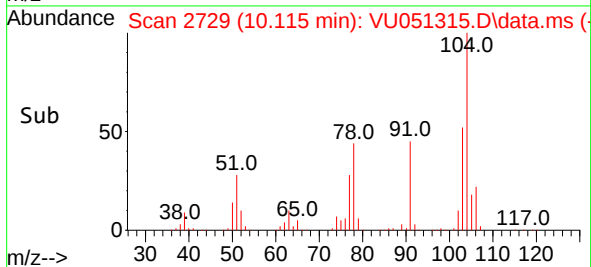
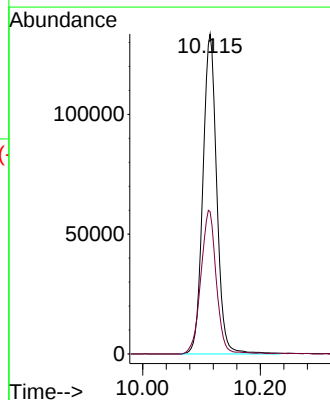
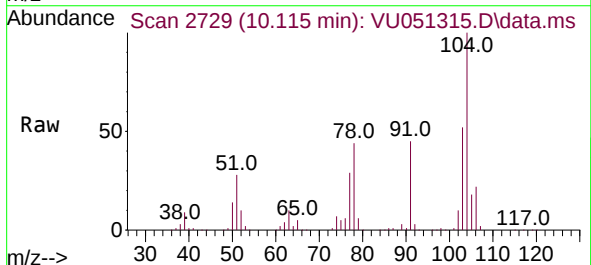
Instrument :
MSVOA_U
ClientSampleId :

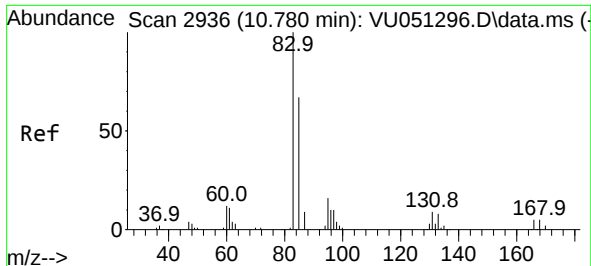
Tgt Ion:106 Resp: 121106
Ion Ratio Lower Upper
106 100
91 219.8 154.4 286.8



#55
Styrene
Concen: 4.872 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU051315.D
Acq: 10 Oct 2022 09:40

Tgt Ion:104 Resp: 218752
Ion Ratio Lower Upper
104 100
78 44.5 32.1 59.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.676 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. -0.000 min

Lab File: VU051315.D

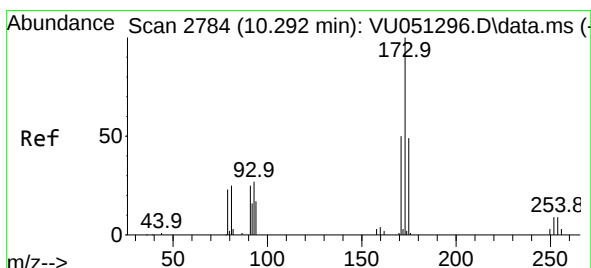
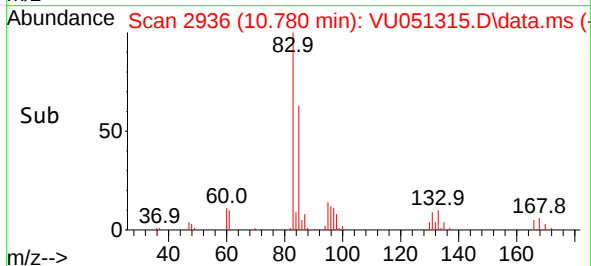
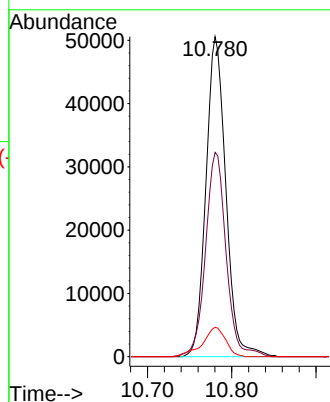
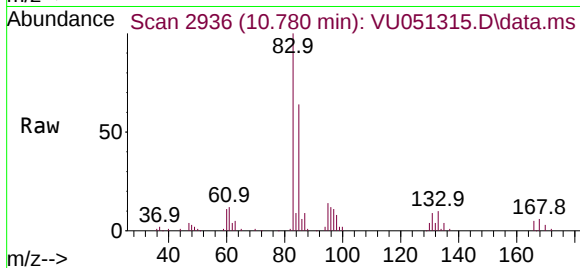
Acq: 10 Oct 2022 09:40

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	83005
Ion Ratio	Lower	Upper	
83	100		
85	63.9	45.9	85.3
131	9.2	7.4	11.2



#59

Bromoform

Concen: 4.153 ug/L

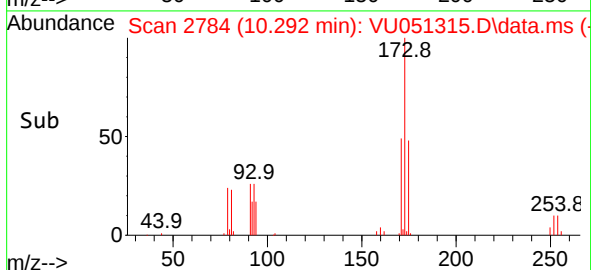
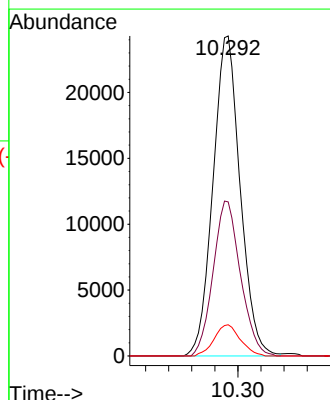
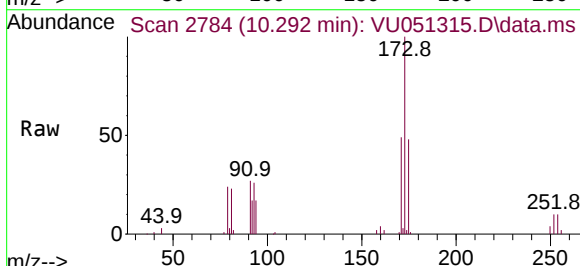
RT: 10.292 min Scan# 2784

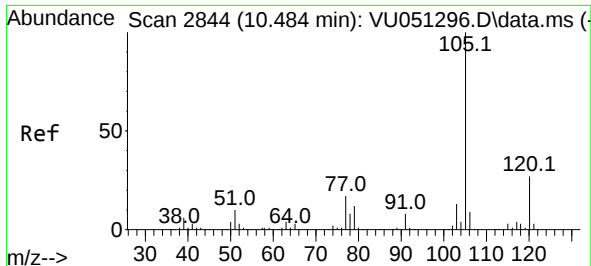
Delta R.T. -0.000 min

Lab File: VU051315.D

Acq: 10 Oct 2022 09:40

Tgt Ion:	173	Resp:	39661
Ion Ratio	Lower	Upper	
173	100		
175	48.6	39.0	58.4
254	9.4	7.5	11.3

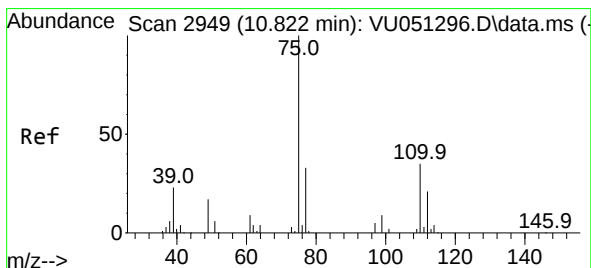
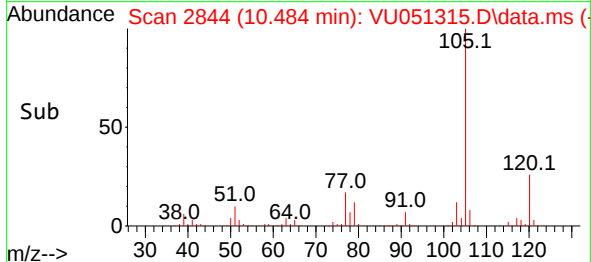
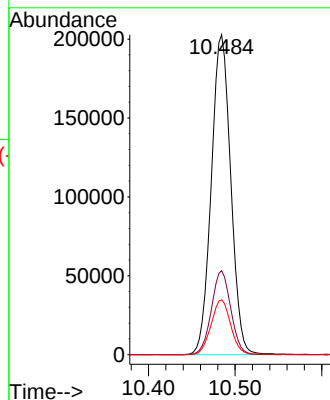
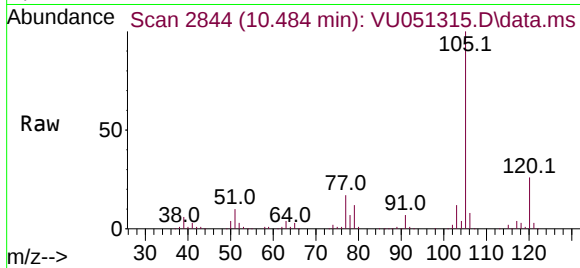




#60
Isopropylbenzene
Concen: 4.346 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU051315.D
Acq: 10 Oct 2022 09:40

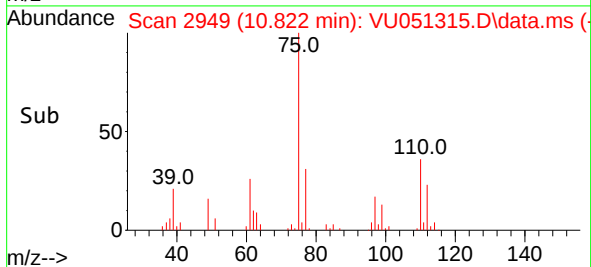
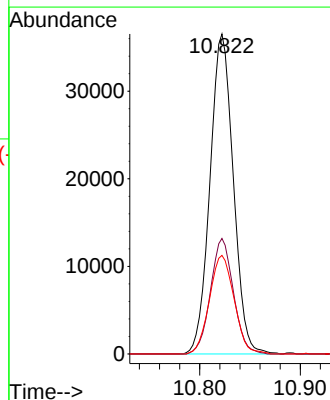
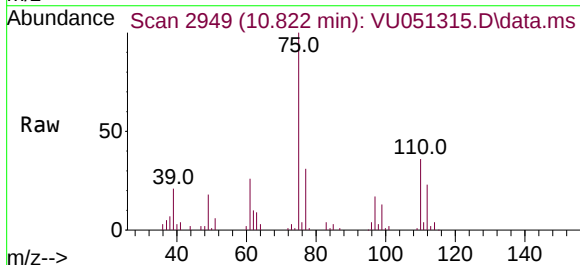
Instrument :
MSVOA_U
ClientSampleId :

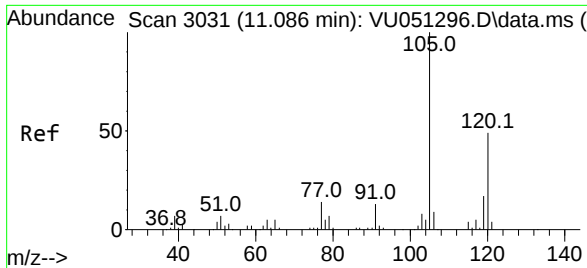
Tgt Ion:105 Resp: 316046
Ion Ratio Lower Upper
105 100
120 26.2 20.6 30.8
77 17.4 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 4.066 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU051315.D
Acq: 10 Oct 2022 09:40

Tgt Ion: 75 Resp: 58949
Ion Ratio Lower Upper
75 100
110 35.4 27.0 40.6
77 32.6 26.4 39.6

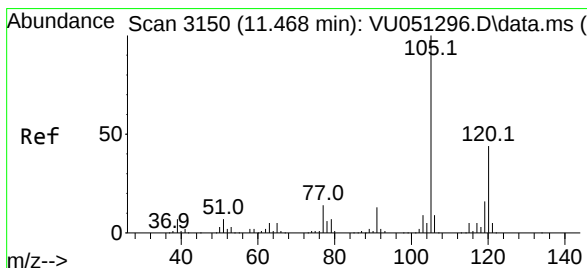
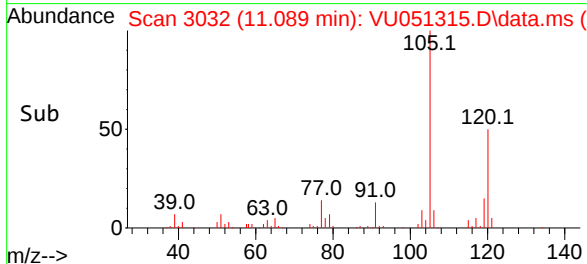
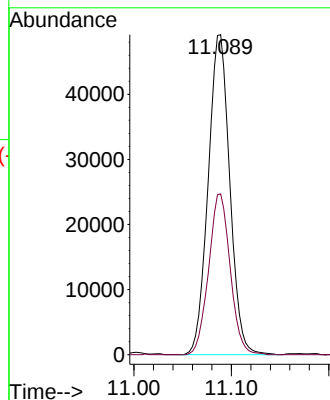
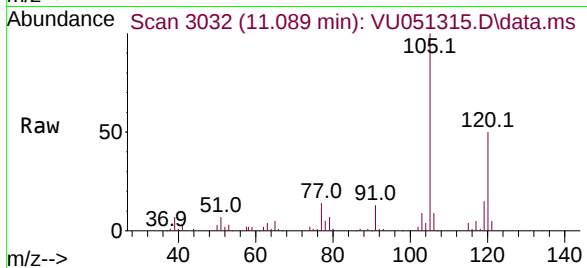




#62
1,3,5-Trimethylbenzene
Concen: 3.935 ug/L
RT: 11.089 min Scan# 3031
Delta R.T. 0.003 min
Lab File: VU051315.D
Acq: 10 Oct 2022 09:40

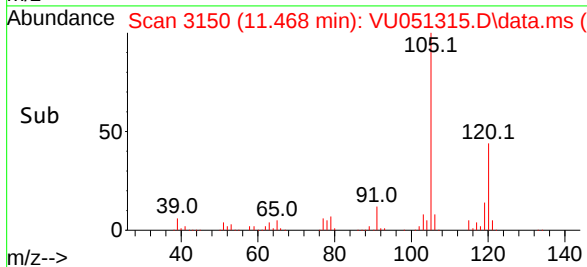
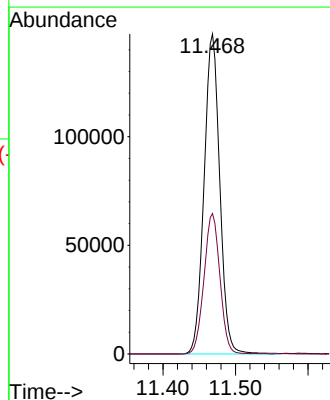
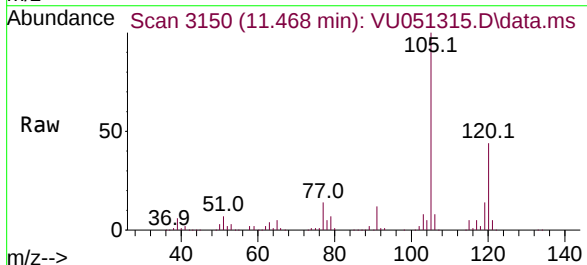
Instrument :
MSVOA_U
ClientSampleId :

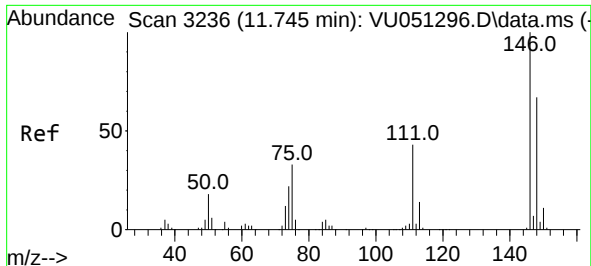
Tgt Ion:105 Resp: 75908
Ion Ratio Lower Upper
105 100
120 50.0 37.7 56.5



#63
1,2,4-Trimethylbenzene
Concen: 4.061 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU051315.D
Acq: 10 Oct 2022 09:40

Tgt Ion:105 Resp: 221524
Ion Ratio Lower Upper
105 100
120 44.5 35.6 53.4

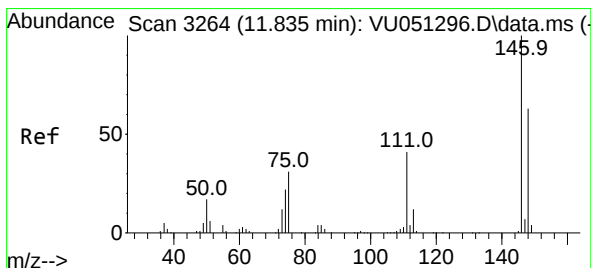
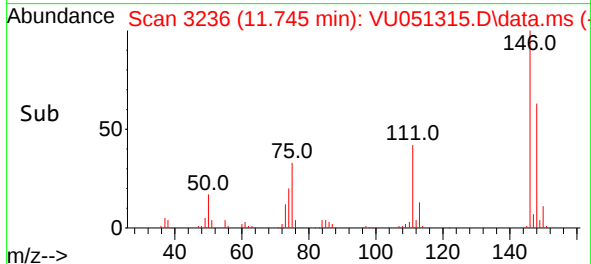
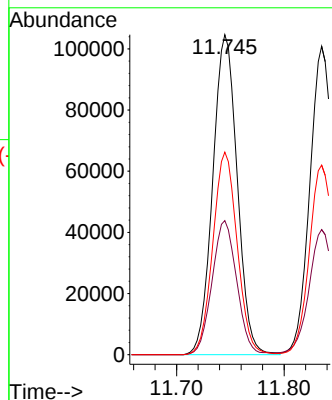
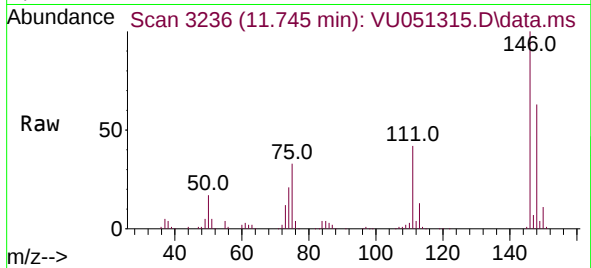




#64
1,3-Dichlorobenzene
Concen: 4.596 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051315.D
Acq: 10 Oct 2022 09:40

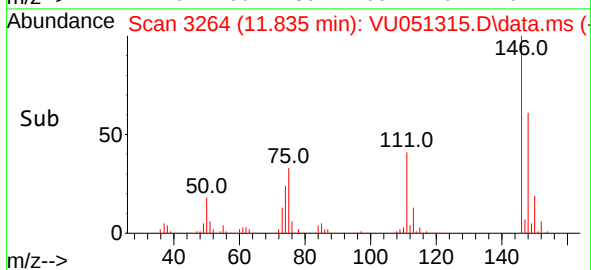
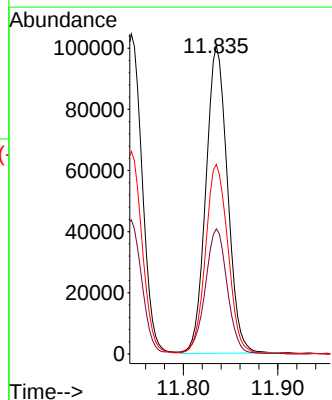
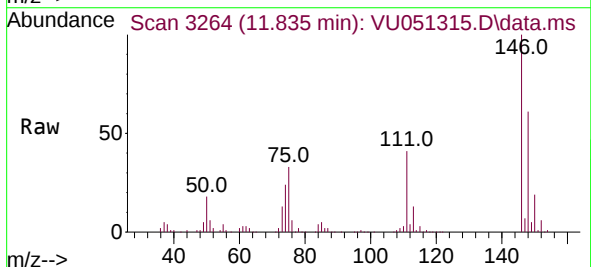
Instrument :
MSVOA_U
ClientSampleId :

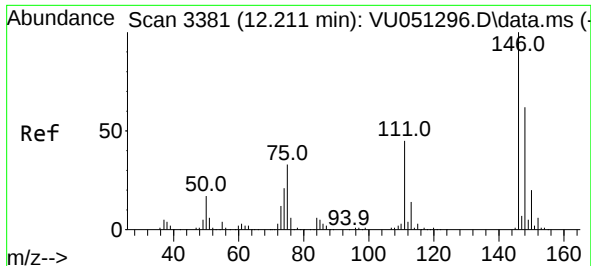
Tgt Ion:146 Resp: 165317
Ion Ratio Lower Upper
146 100
111 41.9 28.3 52.7
148 63.3 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 4.503 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051315.D
Acq: 10 Oct 2022 09:40

Tgt Ion:146 Resp: 159644
Ion Ratio Lower Upper
146 100
111 40.6 29.1 54.1
148 61.5 44.2 82.0





#67

1,2-Dichlorobenzene

Concen: 4.441 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU051315.D

Acq: 10 Oct 2022 09:40

Instrument :

MSVOA_U

ClientSampleId :

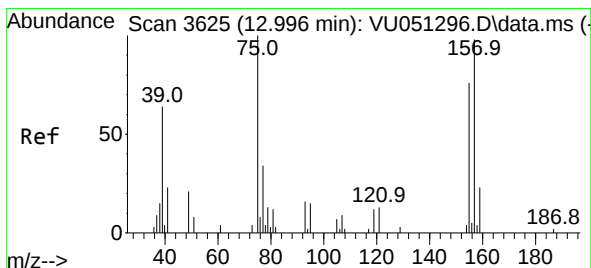
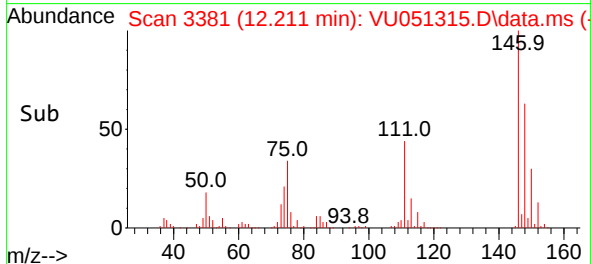
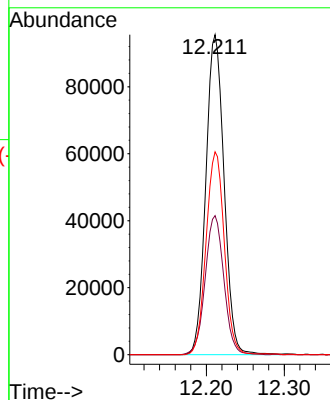
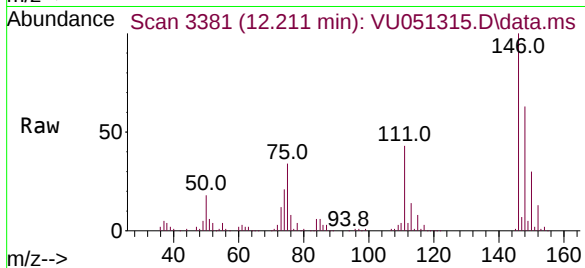
Tgt Ion:146 Resp: 155282

Ion Ratio Lower Upper

146 100

111 43.5 35.5 53.3

148 63.4 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 4.567 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU051315.D

Acq: 10 Oct 2022 09:40

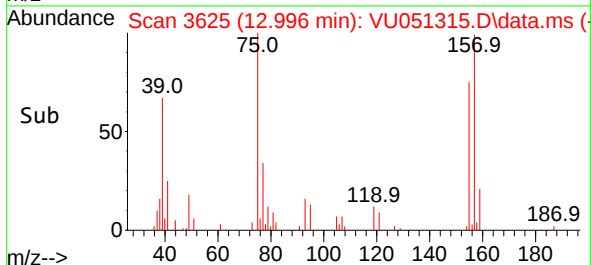
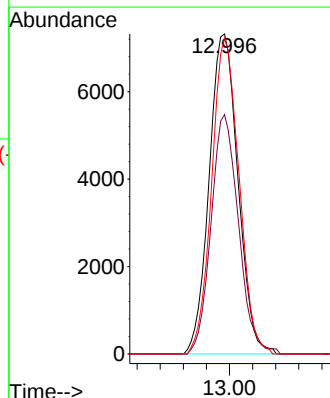
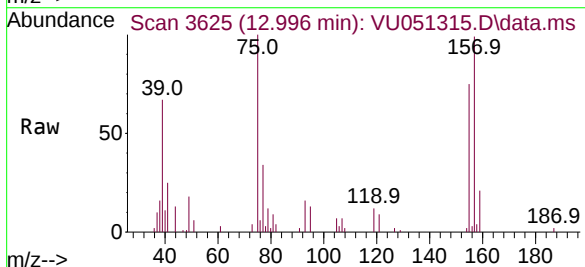
Tgt Ion: 75 Resp: 12664

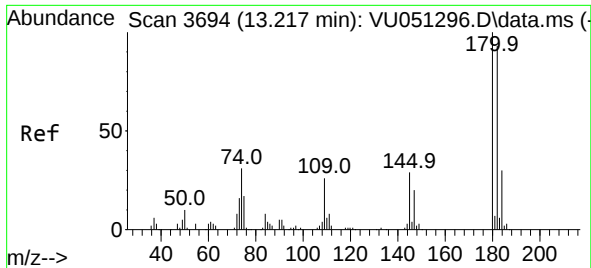
Ion Ratio Lower Upper

75 100

155 74.8 62.7 94.1

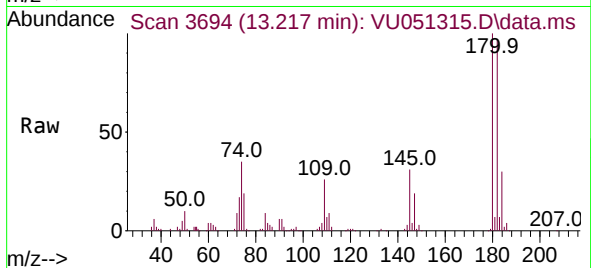
157 98.7 78.3 117.5



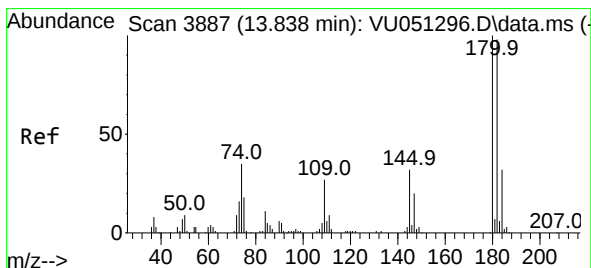
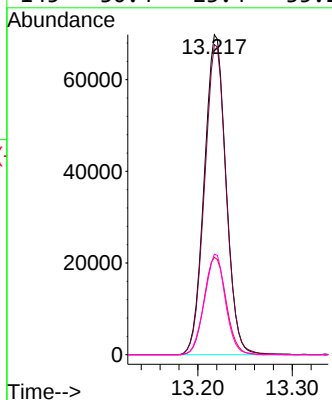
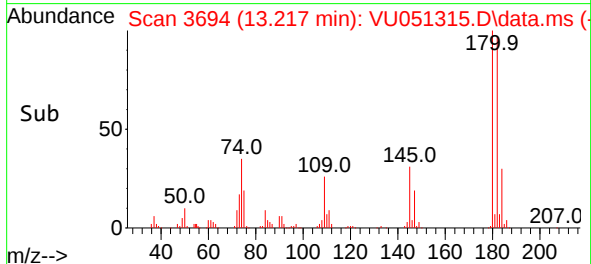


#69
 1,3,5-Trichlorobenzene
 Concen: 4.491 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU051315.D
 Acq: 10 Oct 2022 09:40

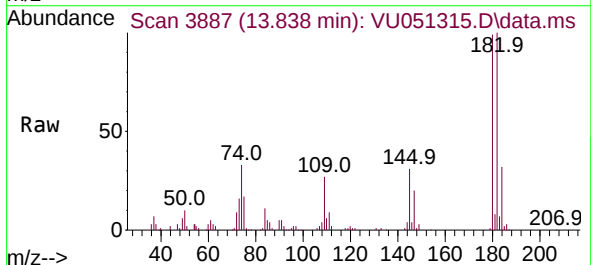
Instrument :
 MSVOA_U
 ClientSampleId :



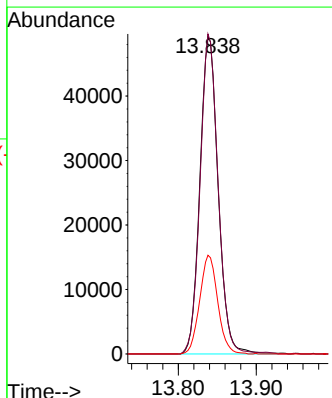
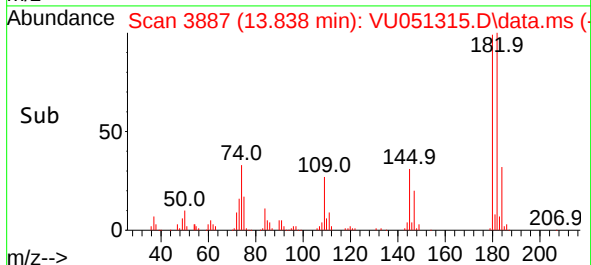
Tgt Ion:180 Resp: 111344
 Ion Ratio Lower Upper
 180 100
 182 96.6 77.7 116.5
 184 30.9 23.6 35.4
 145 30.4 23.4 35.2

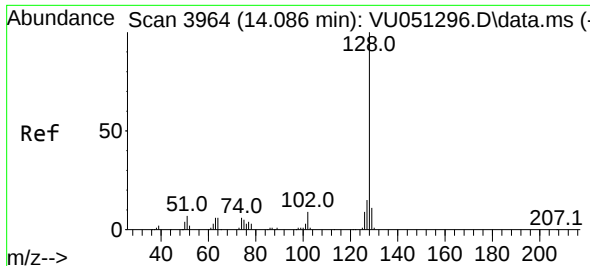


#70
 1,2,4-trichlorobenzene
 Concen: 4.543 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU051315.D
 Acq: 10 Oct 2022 09:40



Tgt Ion:180 Resp: 80053
 Ion Ratio Lower Upper
 180 100
 182 99.0 78.7 118.1
 145 30.7 25.0 37.4

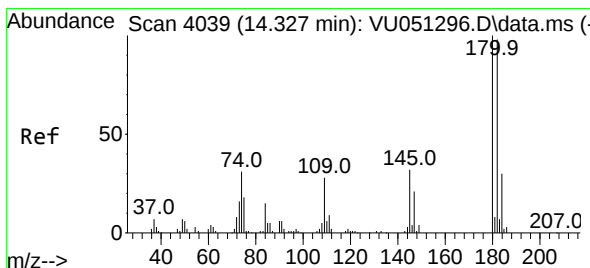
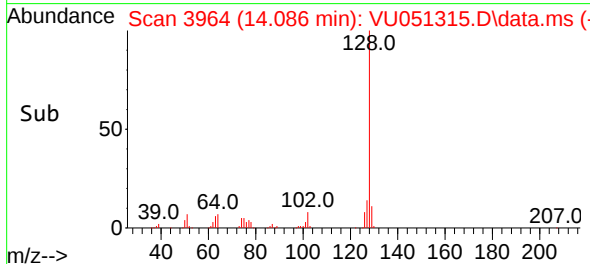
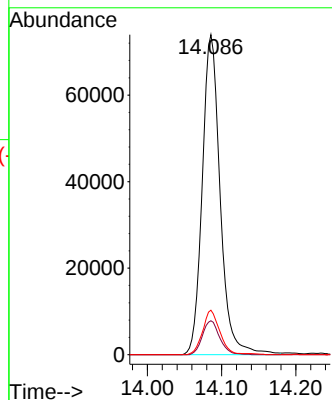
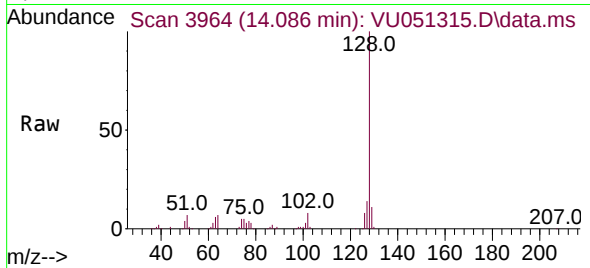




#71
Naphthalene
Concen: 3.796 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU051315.D
Acq: 10 Oct 2022 09:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 124339
Ion Ratio Lower Upper
128 100
129 10.2 8.5 12.7
127 13.5 11.1 16.7



#72
1,2,3-Trichlorobenzene
Concen: 4.419 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051315.D
Acq: 10 Oct 2022 09:40

Tgt Ion:180 Resp: 80544
Ion Ratio Lower Upper
180 100
182 94.8 76.6 114.8
145 31.9 25.8 38.8

