

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030222\
 Data File : VU047285.D
 Acq On : 02 Mar 2022 09:23
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 02 23:52:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 01 00:43:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	147503	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	150214	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	93762	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	54187	4.350	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.000%	
7) Chloroethane-d5	1.919	69	42440	4.299	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.000%	
11) 1,1-Dichloroethene-d2	2.572	65	22155	4.300	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	86.000%	
20) 2-Butanone-d5	4.649	46	149478	50.201	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.400%	
24) Chloroform-d	5.067	84	94344	4.559	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
26) 1,2-Dichloroethane-d4	5.707	65	51159	4.446	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.000%	
32) Benzene-d6	5.732	84	187408	4.465	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.400%	
36) 1,2-Dichloropropane-d6	6.694	67	57658	4.317	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.400%	
41) Toluene-d8	7.899	98	177791	4.330	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.600%	
43) trans-1,3-Dichloroprop...	8.182	79	27312	4.511	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.200%	
46) 2-Hexanone-d5	8.636	63	138672	43.502	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.000%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	57185	4.711	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	75577	4.492	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.800%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	62046	4.974	ug/L	99
3) Chloromethane	1.523	50	69143	5.111	ug/L	99
5) Vinyl chloride	1.607	62	66536	4.868	ug/L	99
6) Bromomethane	1.861	94	34341	4.275	ug/L	98
8) Chloroethane	1.938	64	40303	5.113	ug/L	99
9) Trichlorofluoromethane	2.144	101	90113	5.410	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	54557	5.429	ug/L	94
12) 1,1-Dichloroethene	2.588	96	50580	5.211	ug/L #	72
13) Acetone	2.662	43	88081	59.089	ug/L	95
14) Carbon disulfide	2.800	76	147677	4.561	ug/L	100
15) Methyl Acetate	2.964	43	22485	4.873	ug/L	92
16) Methylene chloride	3.051	84	57787	5.344	ug/L	93
17) Methyl tert-butyl Ether	3.369	73	139940	5.276	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	54014	5.149	ug/L	94
19) 1,1-Dichloroethane	3.877	63	97559	5.320	ug/L	99
21) 2-Butanone	4.726	43	174604	62.371	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	61092	5.351	ug/L	96
23) Bromochloromethane	4.980	128	30092	5.622	ug/L	87
25) Chloroform	5.092	83	102179	5.322	ug/L	97

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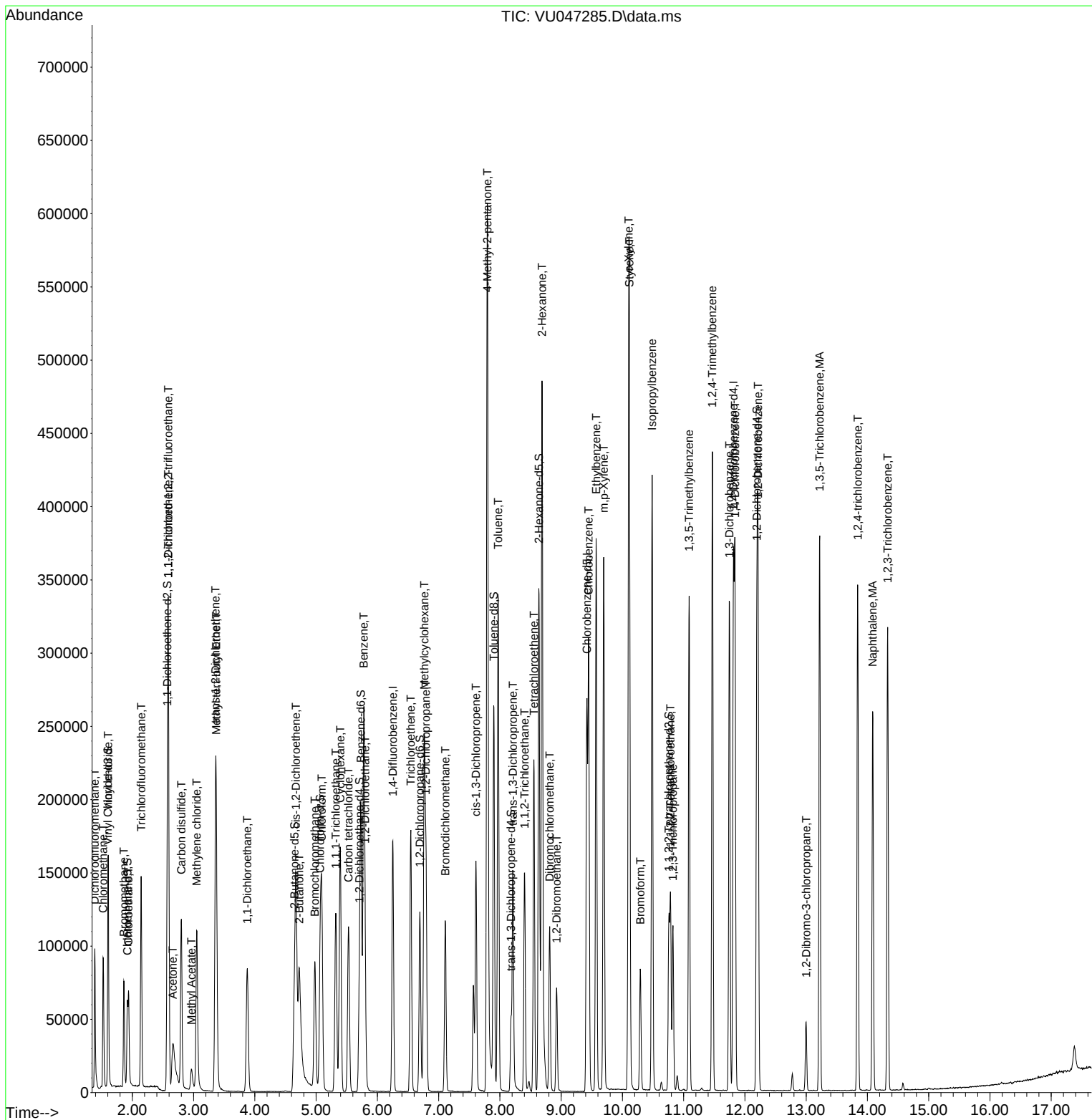
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 ClientSampleId :

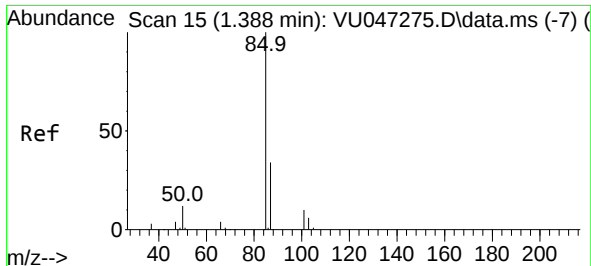
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	69566	5.420	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	88479	5.439	ug/L	98
30) Cyclohexane	5.395	56	85321	4.806	ug/L	96
31) Carbon tetrachloride	5.530	117	77254	5.455	ug/L	99
33) Benzene	5.777	78	225756	5.289	ug/L	100
34) Trichloroethene	6.546	95	60645	5.327	ug/L	93
35) Methylcyclohexane	6.768	83	97203	5.059	ug/L	96
37) 1,2-Dichloropropane	6.793	63	58287	5.283	ug/L	100
38) Bromodichloromethane	7.108	83	76970	5.461	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	92278	5.378	ug/L	99
40) 4-Methyl-2-pentanone	7.797	43	419684	53.310	ug/L	97
42) Toluene	7.970	91	249032	5.242	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	83291	5.389	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	48532	5.665	ug/L	97
47) Tetrachloroethene	8.555	164	51282	5.551	ug/L	91
48) 2-Hexanone	8.687	43	310408	53.032	ug/L	98
49) Dibromochloromethane	8.813	129	58280	5.647	ug/L	99
50) 1,2-Dibromoethane	8.925	107	49566	5.736	ug/L #	99
51) Chlorobenzene	9.449	112	164703	5.370	ug/L	96
52) Ethylbenzene	9.571	91	272936	5.242	ug/L	99
53) m,p-Xylene	9.697	106	107532	5.260	ug/L	99
54) o-Xylene	10.102	106	103451	5.196	ug/L	98
55) Styrene	10.115	104	177995	5.344	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.784	83	65146	5.745	ug/L	97
59) Bromoform	10.292	173	38698	5.667	ug/L #	96
60) Isopropylbenzene	10.485	105	274990	4.999	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	46811	5.228	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	183494	4.995	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	239336	5.061	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	140136	5.282	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	143994	5.364	ug/L	95
67) 1,2-Dichlorobenzene	12.214	146	137659	5.447	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	11322	5.474	ug/L #	71
69) 1,3,5-Trichlorobenzene	13.221	180	121948	5.563	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	109308	5.357	ug/L	98
71) Naphthalene	14.086	128	208847	4.959	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	101847	5.306	ug/L	97

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

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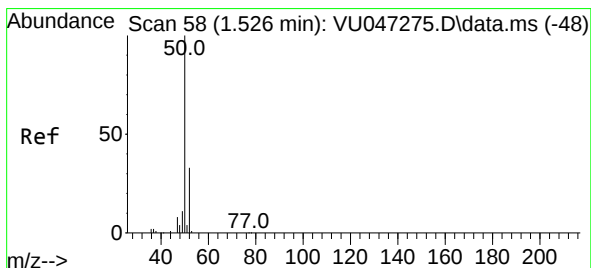
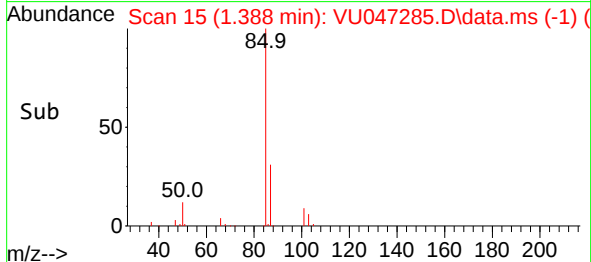
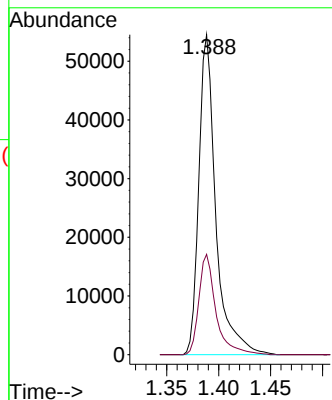
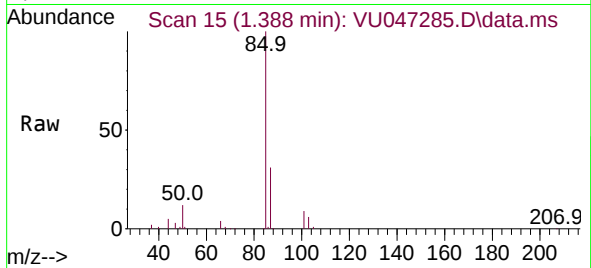




#2
Dichlorodifluoromethane
Concen: 4.974 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047285.D
Acq: 02 Mar 2022 09:23

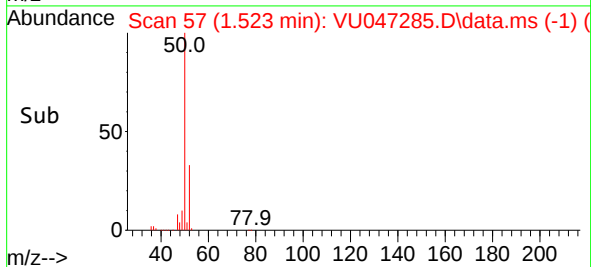
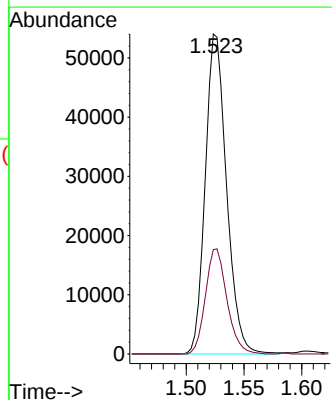
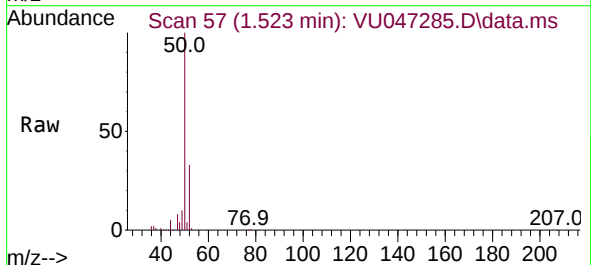
Instrument :
MSVOA_U
ClientSampleId :

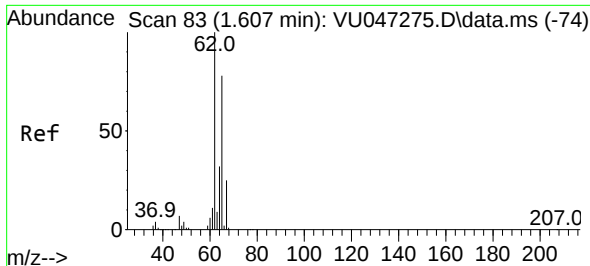
Tgt Ion: 85 Resp: 62046
Ion Ratio Lower Upper
85 100
87 31.6 25.8 38.6



#3
Chloromethane
Concen: 5.111 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU047285.D
Acq: 02 Mar 2022 09:23

Tgt Ion: 50 Resp: 69143
Ion Ratio Lower Upper
50 100
52 32.6 23.0 42.8

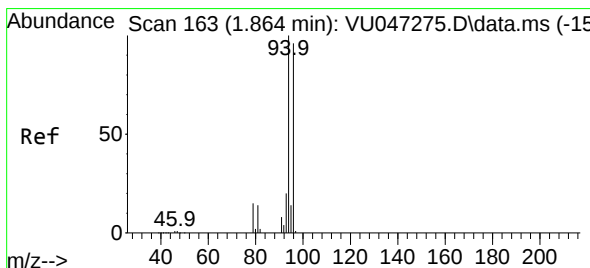
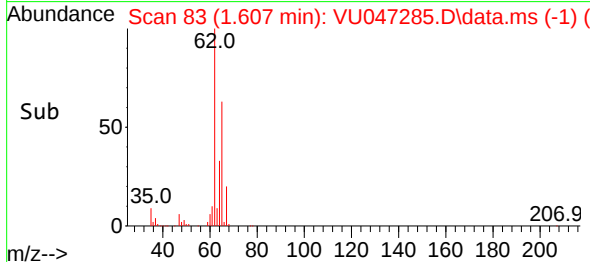
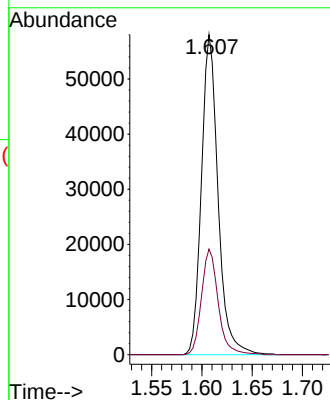
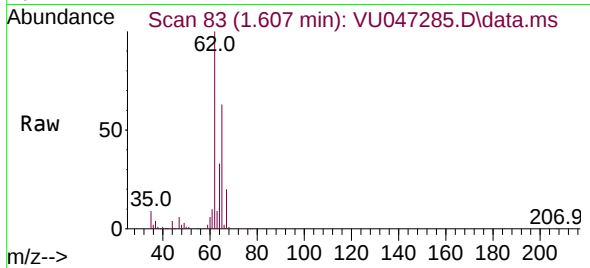




#5
 Vinyl chloride
 Concen: 4.868 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047285.D
 Acq: 02 Mar 2022 09:23

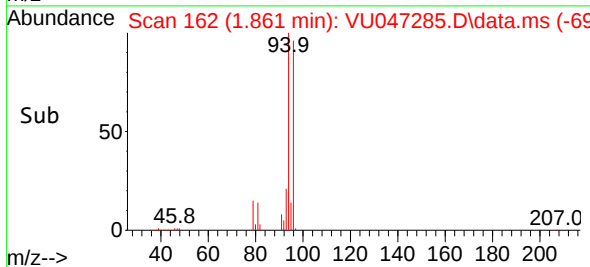
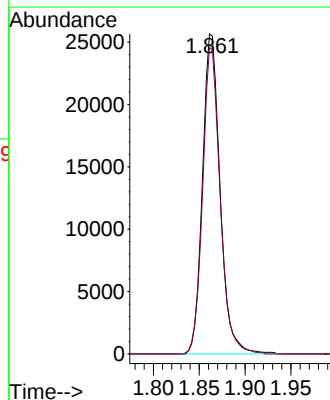
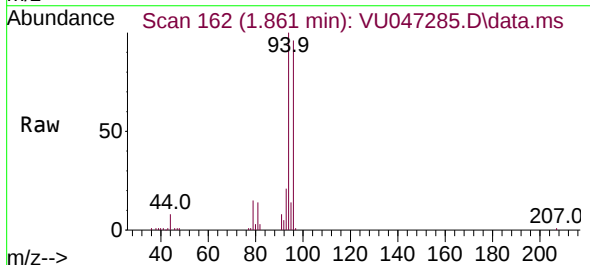
Instrument :
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 ClientSampleId :

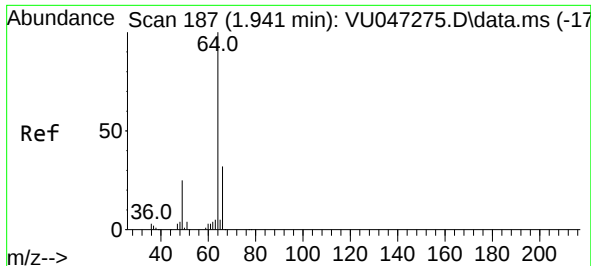
Tgt Ion: 62 Resp: 66536
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.9 42.5



#6
 Bromomethane
 Concen: 4.275 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU047285.D
 Acq: 02 Mar 2022 09:23

Tgt Ion: 94 Resp: 34341
 Ion Ratio Lower Upper
 94 100
 96 95.7 65.5 121.6

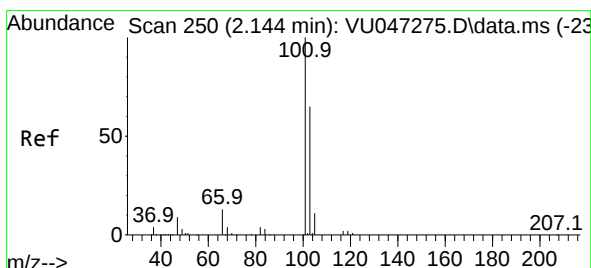
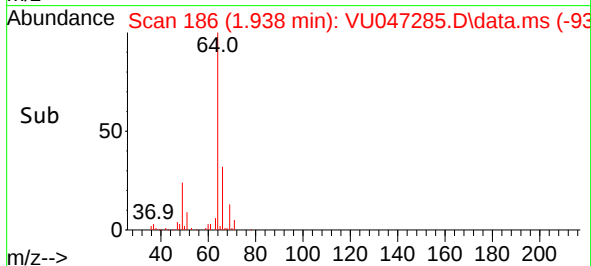
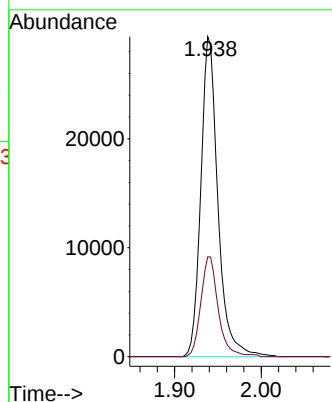
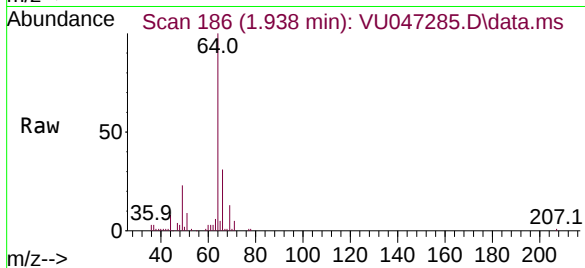




#8
Chloroethane
Concen: 5.113 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047285.D
Acq: 02 Mar 2022 09:23

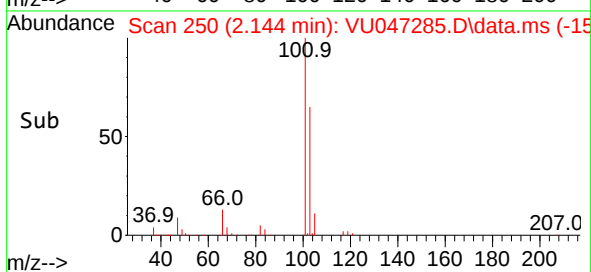
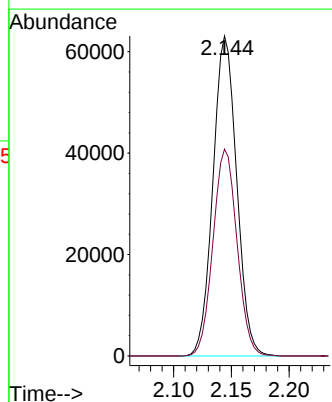
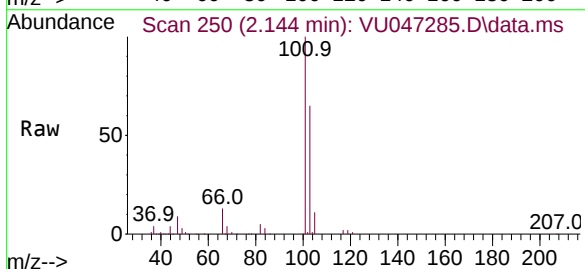
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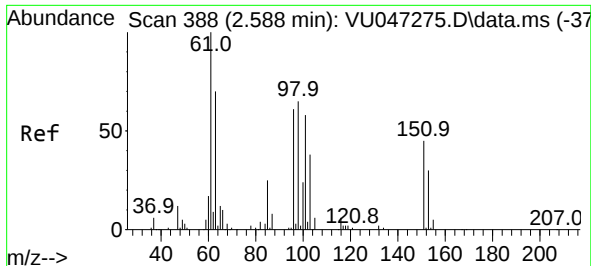
Tgt Ion: 64 Resp: 40303
Ion Ratio Lower Upper
64 100
66 31.2 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.410 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047285.D
Acq: 02 Mar 2022 09:23

Tgt Ion:101 Resp: 90113
Ion Ratio Lower Upper
101 100
103 65.5 51.5 77.3





#10

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

Concen: 5.429 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.003 min

Lab File: VU047285.D

Acq: 02 Mar 2022 09:23

Instrument :

MSVOA_U

ClientSampleId :

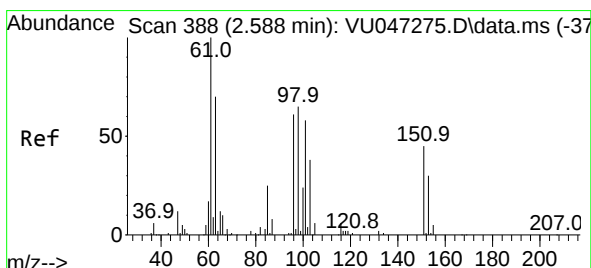
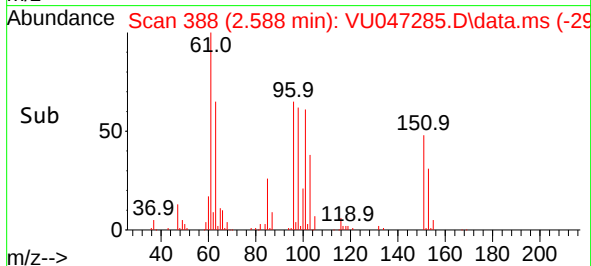
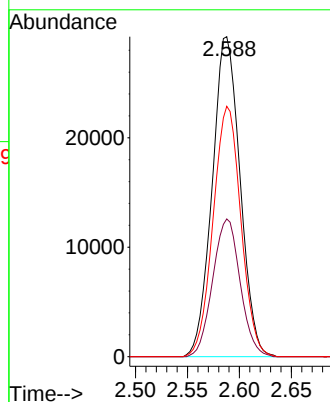
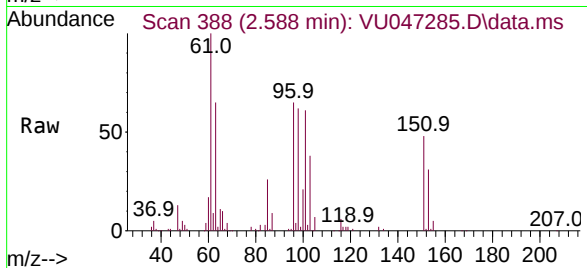
Tgt Ion:101 Resp: 54557

Ion Ratio Lower Upper

101 100

85 42.4 34.6 51.8

151 77.9 56.1 84.1



#12

1,1-Dichloroethene

Concen: 5.211 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.003 min

Lab File: VU047285.D

Acq: 02 Mar 2022 09:23

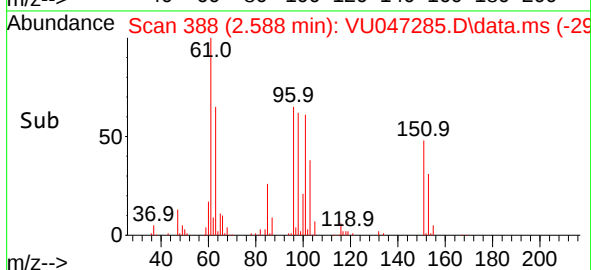
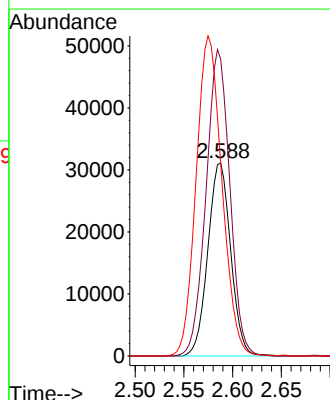
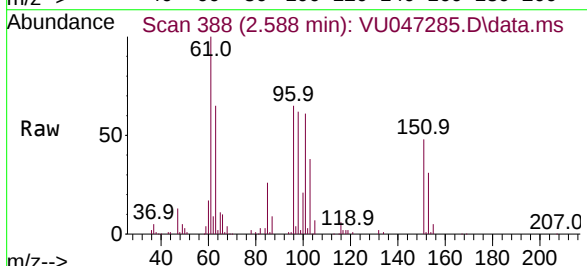
Tgt Ion: 96 Resp: 50580

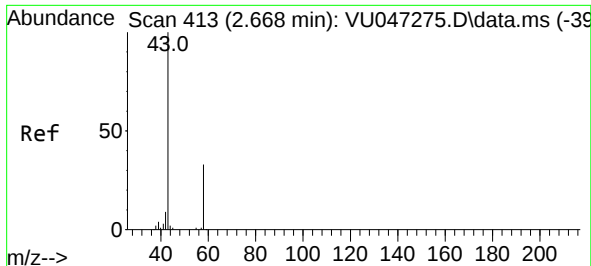
Ion Ratio Lower Upper

96 100

61 153.8 124.7 231.5

63 99.9 105.2 195.4#





#13

Acetone

Concen: 59.089 ug/L

RT: 2.662 min Scan# 411

Delta R.T. 0.003 min

Lab File: VU047285.D

Acq: 02 Mar 2022 09:23

Instrument :

MSVOA_U

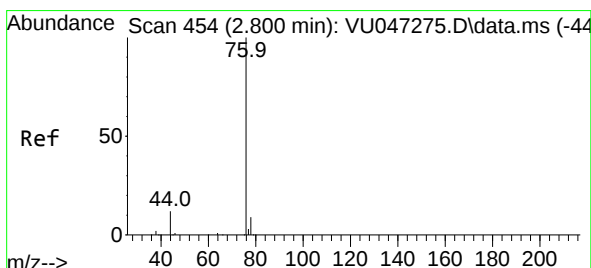
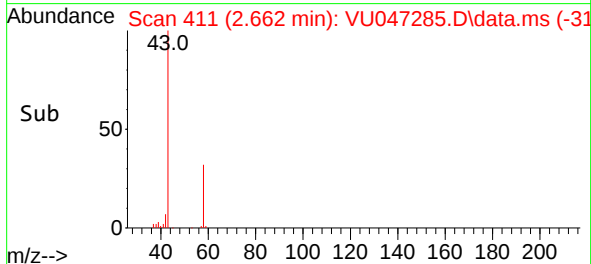
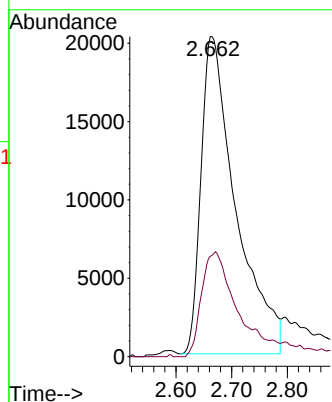
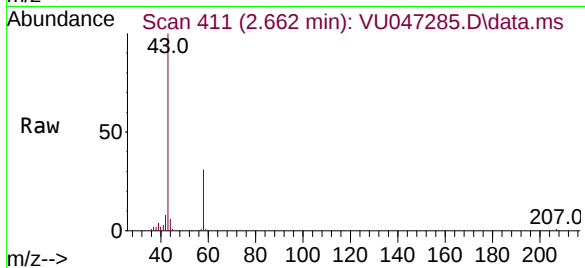
ClientSampleId :

Tgt Ion: 43 Resp: 88081

Ion Ratio Lower Upper

43 100

58 32.7 0.0 71.6



#14

Carbon disulfide

Concen: 4.561 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047285.D

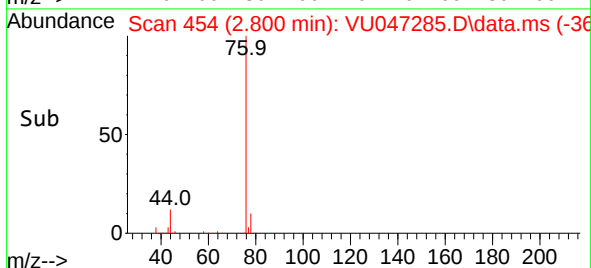
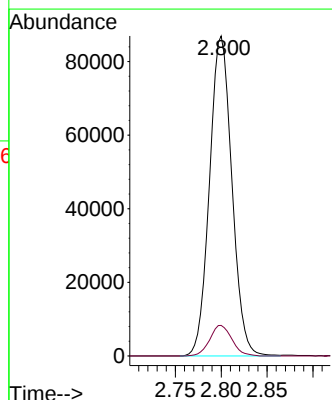
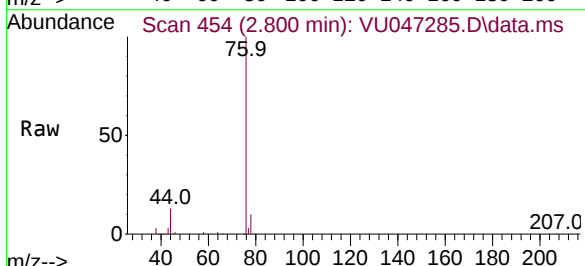
Acq: 02 Mar 2022 09:23

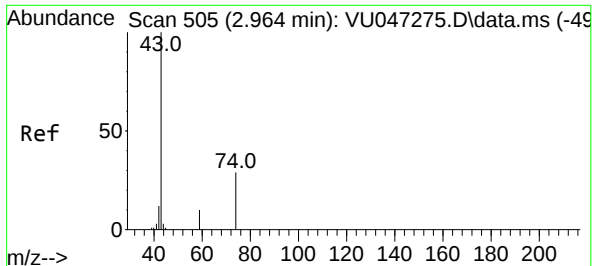
Tgt Ion: 76 Resp: 147677

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3

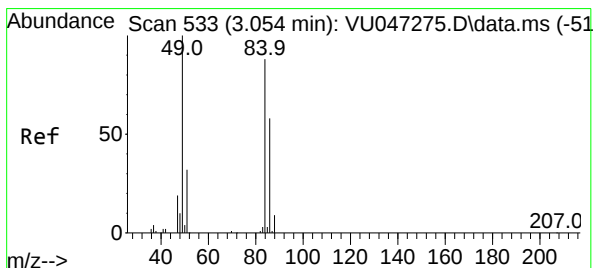
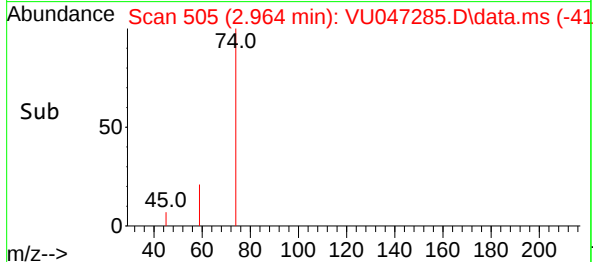
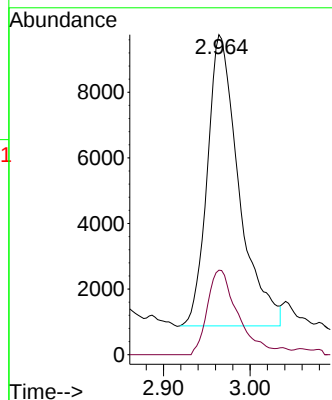
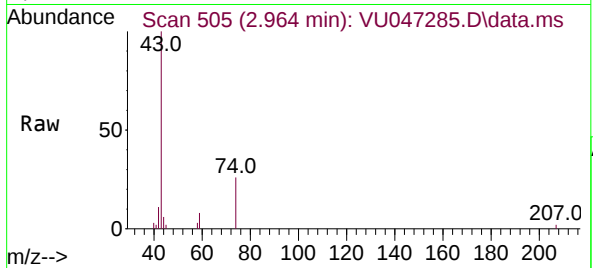




#15
Methyl Acetate
Concen: 4.873 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.003 min
Lab File: VU047285.D
Acq: 02 Mar 2022 09:23

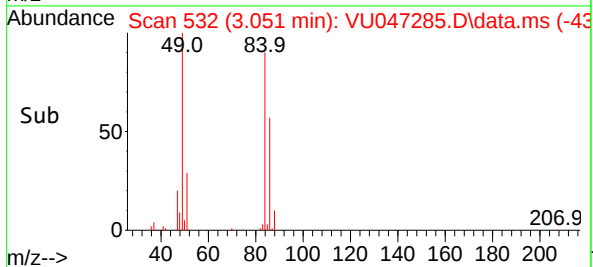
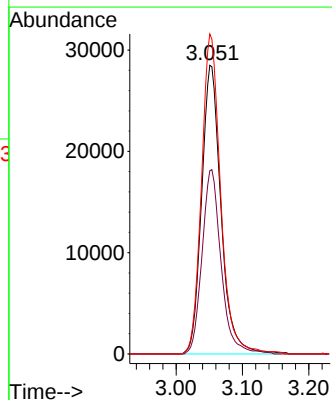
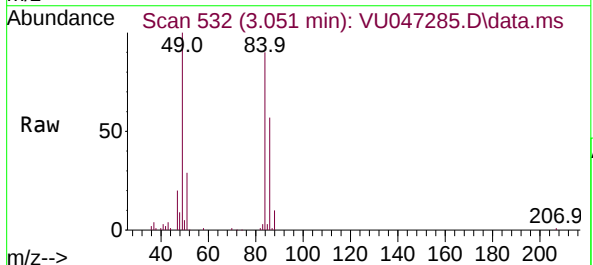
Instrument :
MSVOA_U
ClientSampleId :

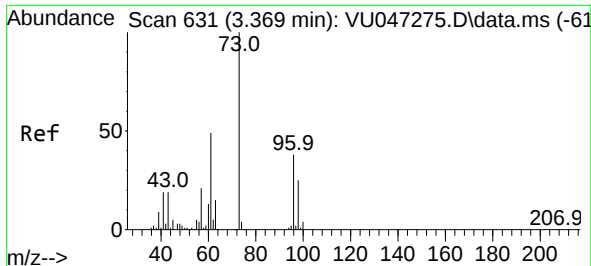
Tgt Ion: 43 Resp: 22485
Ion Ratio Lower Upper
43 100
74 28.0 19.1 28.7



#16
Methylene chloride
Concen: 5.344 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU047285.D
Acq: 02 Mar 2022 09:23

Tgt Ion: 84 Resp: 57787
Ion Ratio Lower Upper
84 100
86 63.5 45.8 85.0
49 110.8 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 5.276 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU047285.D

Acq: 02 Mar 2022 09:23

Instrument :

MSVOA_U

ClientSampleId :

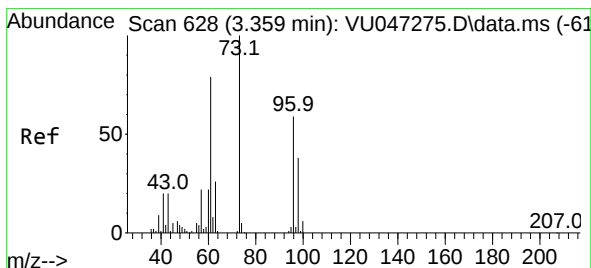
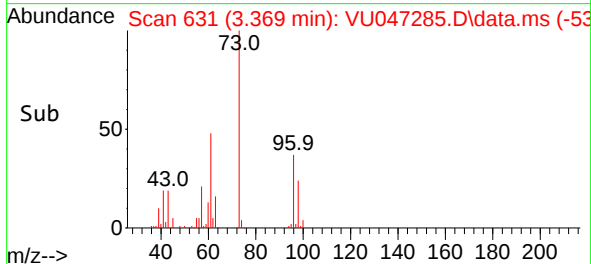
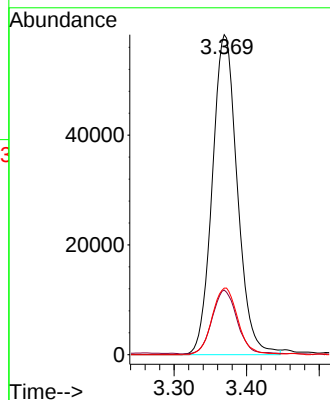
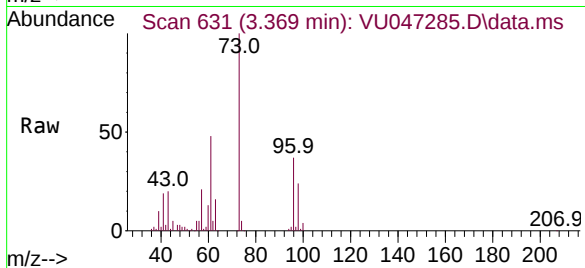
Tgt Ion: 73 Resp: 139940

Ion Ratio Lower Upper

73 100

43 19.8 14.8 22.2

57 21.4 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 5.149 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU047285.D

Acq: 02 Mar 2022 09:23

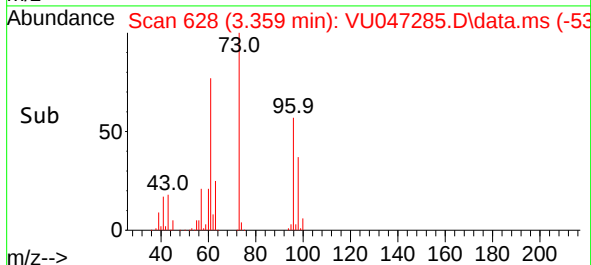
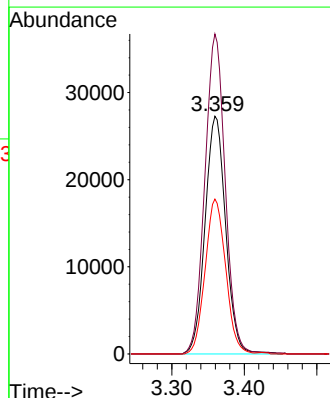
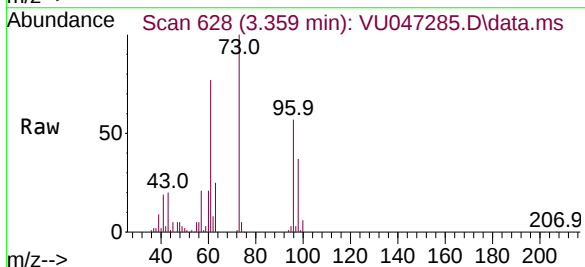
Tgt Ion: 96 Resp: 54014

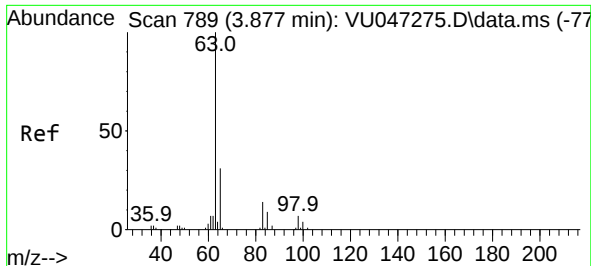
Ion Ratio Lower Upper

96 100

61 134.6 100.8 187.2

98 65.1 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.320 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU047285.D

Acq: 02 Mar 2022 09:23

Instrument :

MSVOA_U

ClientSampleId :

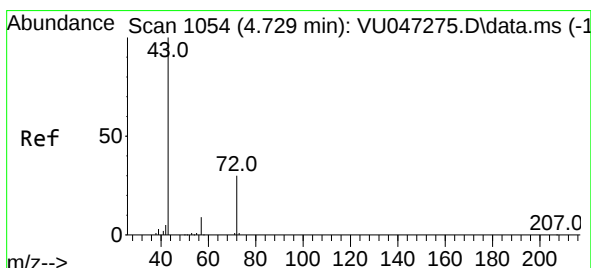
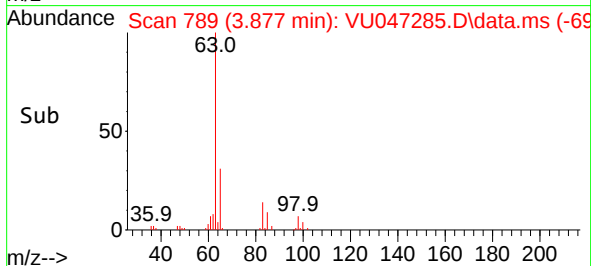
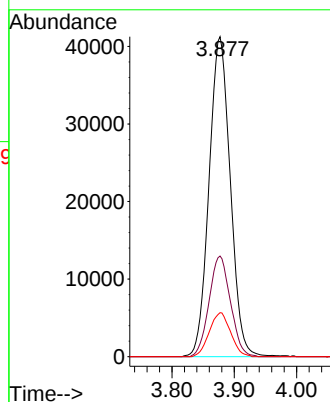
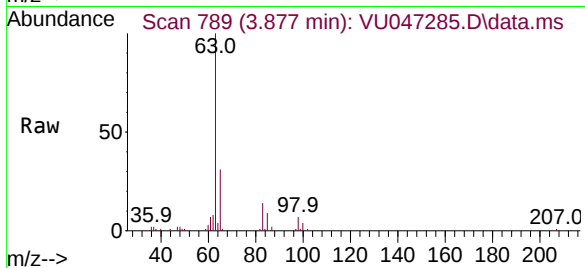
Tgt Ion: 63 Resp: 97559

Ion Ratio Lower Upper

63 100

65 31.5 22.3 41.5

83 13.8 9.6 17.8



#21

2-Butanone

Concen: 62.371 ug/L

RT: 4.726 min Scan# 1053

Delta R.T. 0.003 min

Lab File: VU047285.D

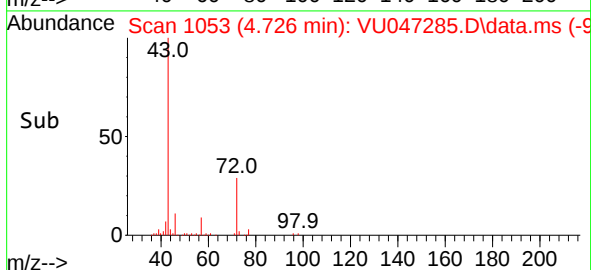
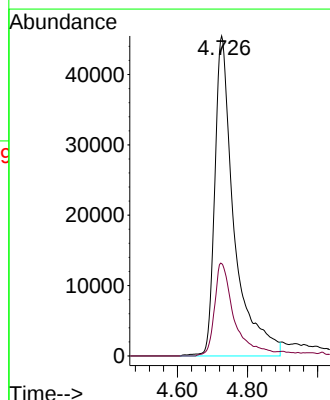
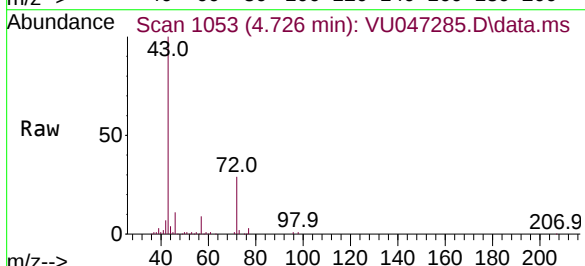
Acq: 02 Mar 2022 09:23

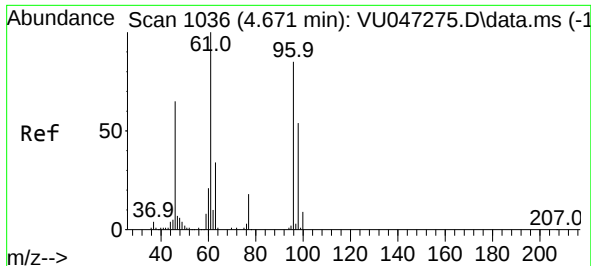
Tgt Ion: 43 Resp: 174604

Ion Ratio Lower Upper

43 100

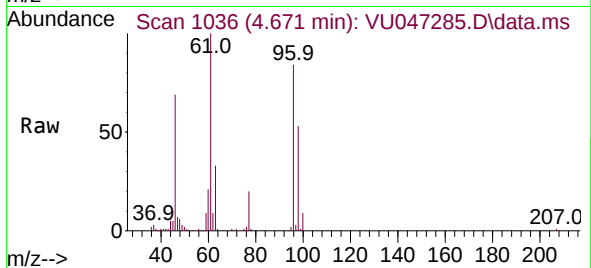
72 29.6 14.1 42.3



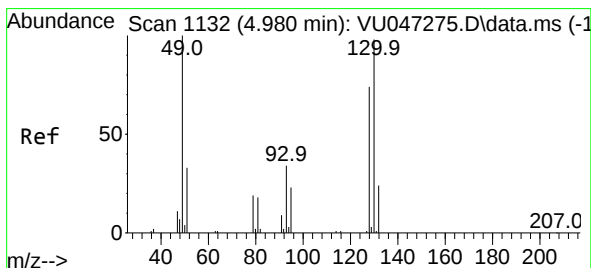
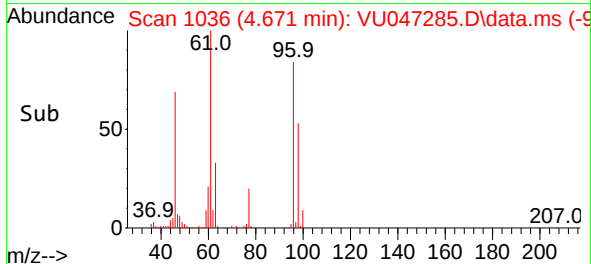
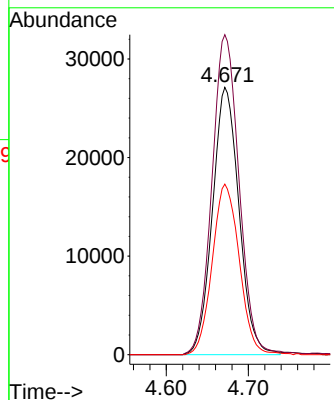


#22
 cis-1,2-Dichloroethene
 Concen: 5.351 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU047285.D
 Acq: 02 Mar 2022 09:23

Instrument :
 MSVOA_U
 ClientSampleId :

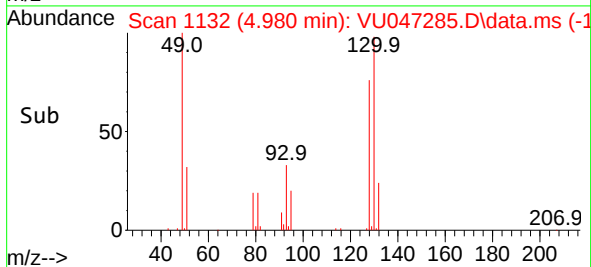
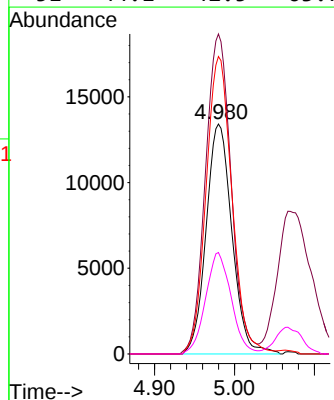
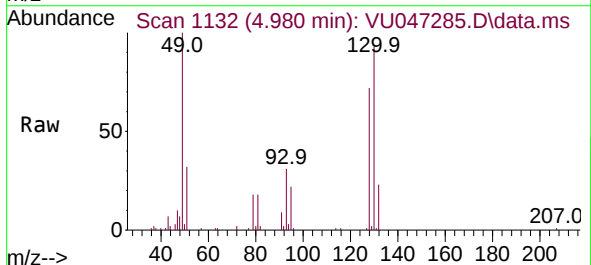


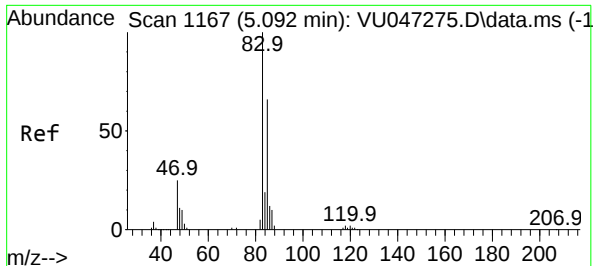
Tgt Ion: 96	Resp: 61092
Ion Ratio	Lower Upper
96 100	
61 119.7	88.5 164.3
98 63.8	44.4 82.5



#23
 Bromochloromethane
 Concen: 5.622 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VU047285.D
 Acq: 02 Mar 2022 09:23

Tgt	Ion:128	Resp:	30092
Ion	Ratio	Lower	Upper
128	100		
49	139.2	117.0	217.2
130	129.4	88.2	163.8
51	44.1	42.5	63.7





#25

Chloroform

Concen: 5.322 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047285.D

Acq: 02 Mar 2022 09:23

Instrument :

MSVOA_U

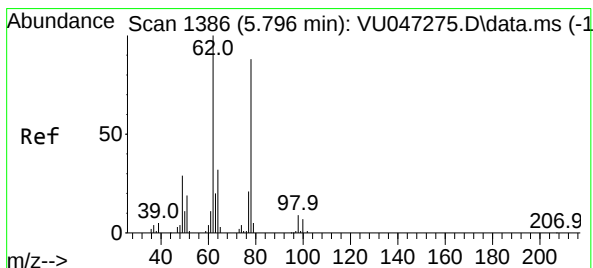
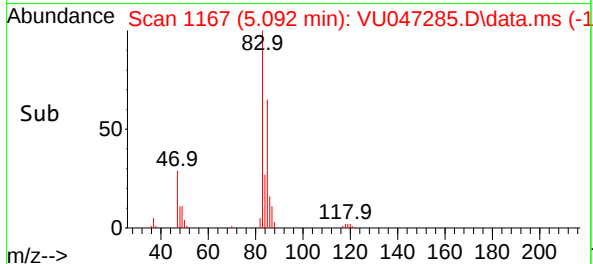
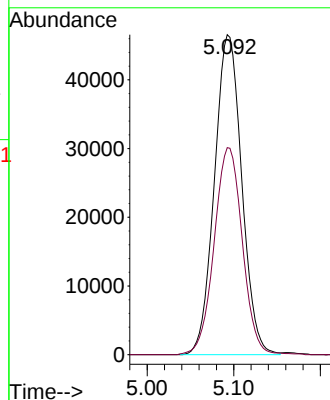
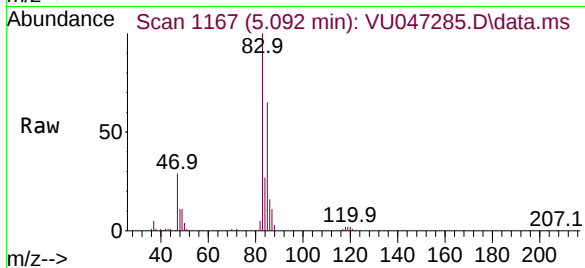
ClientSampleId :

Tgt Ion: 83 Resp: 102179

Ion Ratio Lower Upper

83 100

85 64.7 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.420 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.003 min

Lab File: VU047285.D

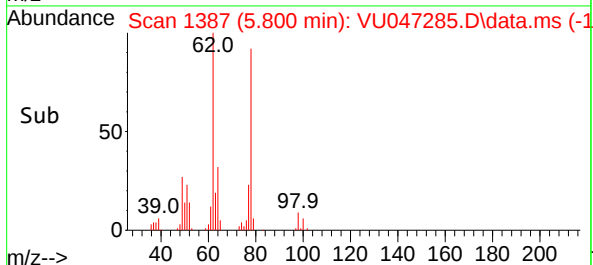
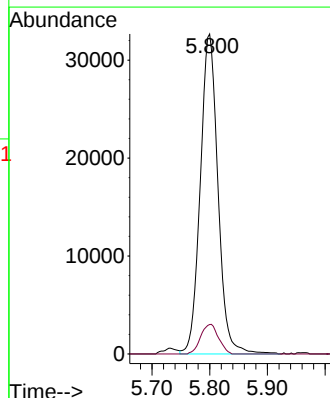
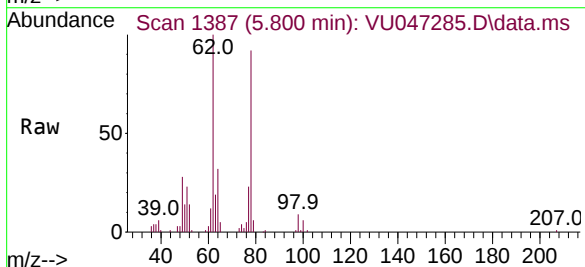
Acq: 02 Mar 2022 09:23

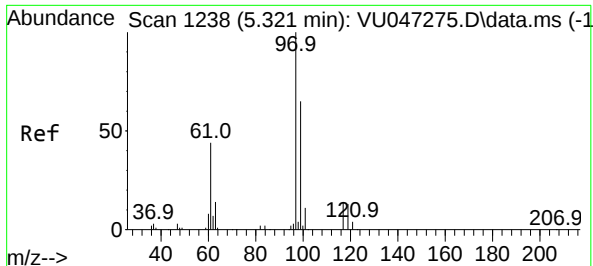
Tgt Ion: 62 Resp: 69566

Ion Ratio Lower Upper

62 100

98 9.2 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.439 ug/L

RT: 5.321 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047285.D

Acq: 02 Mar 2022 09:23

Instrument :

MSVOA_U

ClientSampleId :

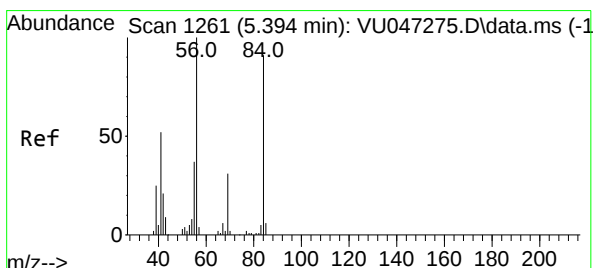
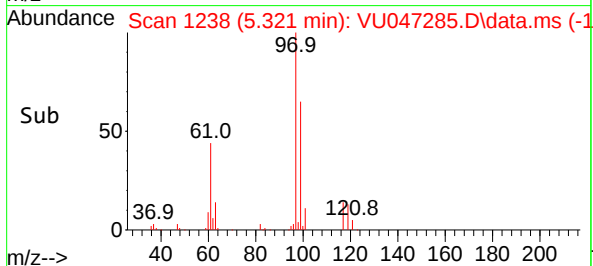
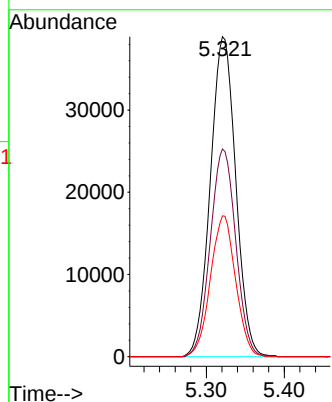
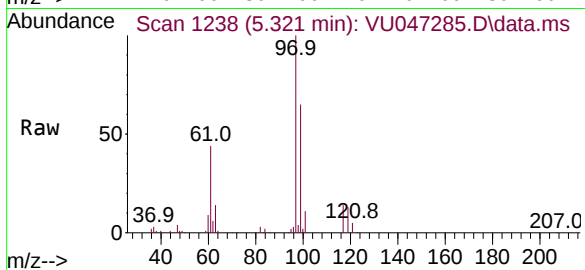
Tgt Ion: 97 Resp: 88479

Ion Ratio Lower Upper

97 100

99 65.0 51.3 76.9

61 43.5 36.1 54.1



#30

Cyclohexane

Concen: 4.806 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU047285.D

Acq: 02 Mar 2022 09:23

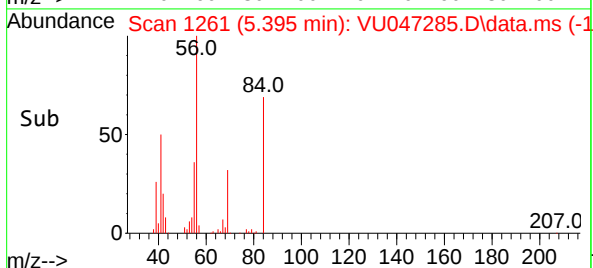
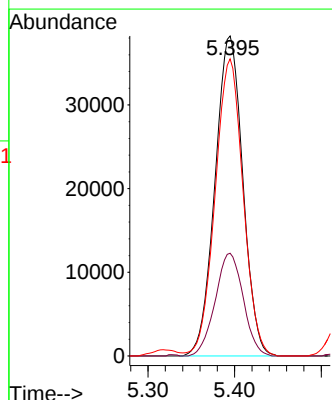
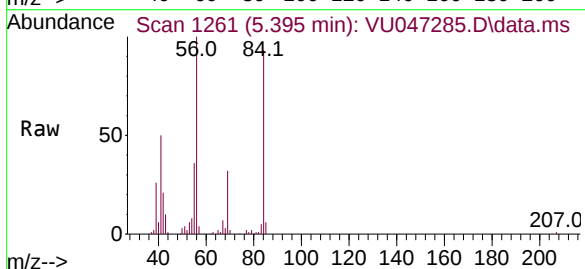
Tgt Ion: 56 Resp: 85321

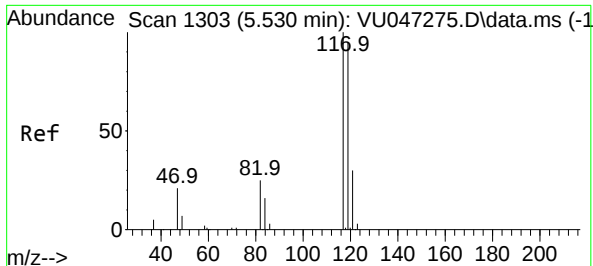
Ion Ratio Lower Upper

56 100

69 32.3 24.7 37.1

84 93.4 71.8 107.6

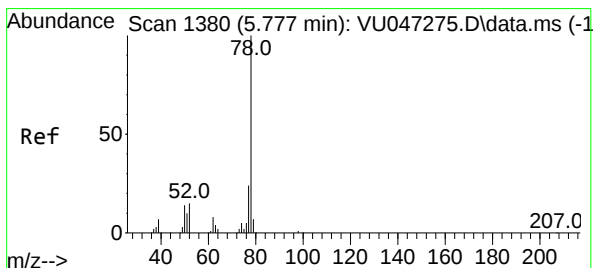
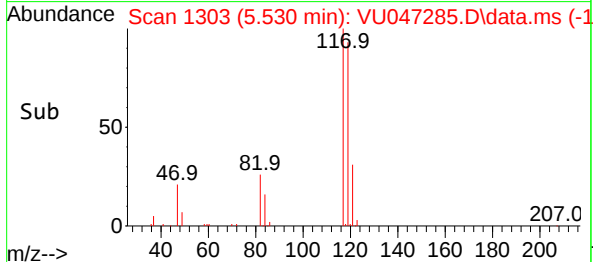
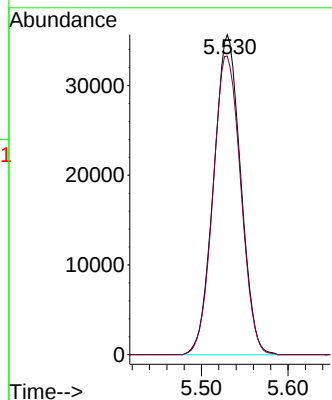
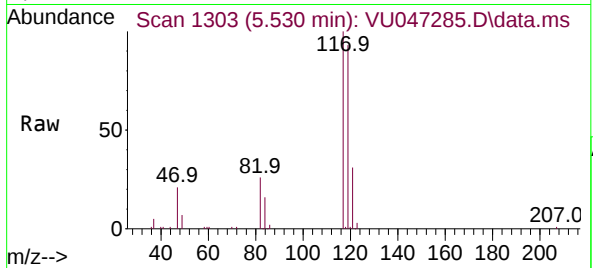




#31
Carbon tetrachloride
Concen: 5.455 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU047285.D
Acq: 02 Mar 2022 09:23

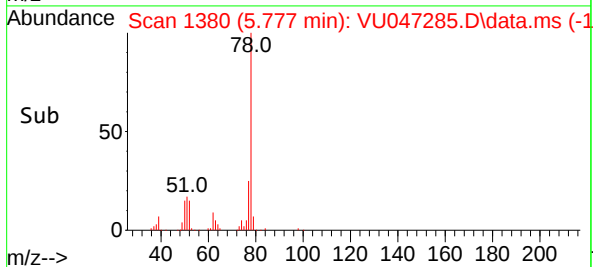
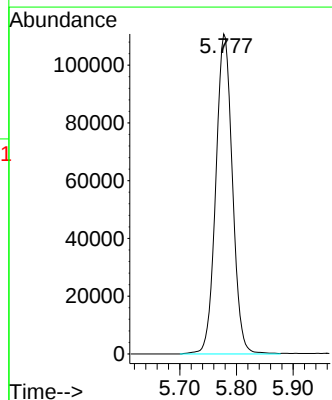
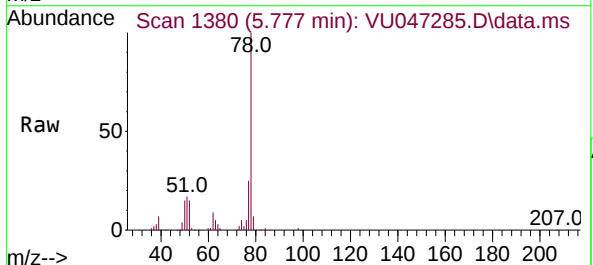
Instrument :
MSVOA_U
ClientSampleId :

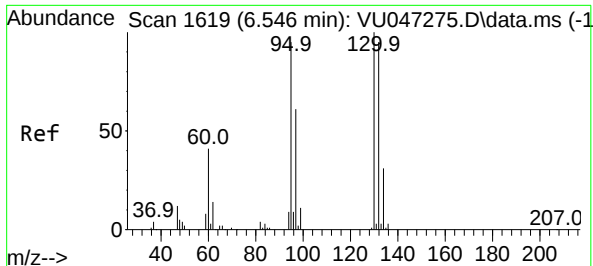
Tgt Ion:117 Resp: 77254
Ion Ratio Lower Upper
117 100
119 95.8 77.5 116.3



#33
Benzene
Concen: 5.289 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047285.D
Acq: 02 Mar 2022 09:23

Tgt Ion: 78 Resp: 225756





#34

Trichloroethene

Concen: 5.327 ug/L

RT: 6.546 min Scan# 1

Delta R.T. 0.000 min

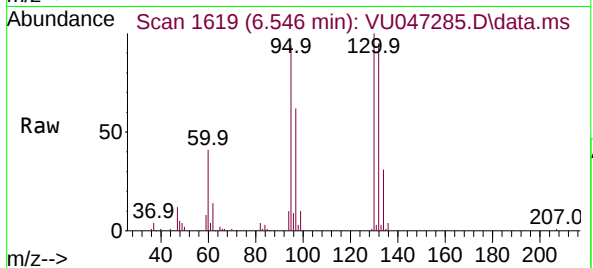
Lab File: VU047285.D

Acq: 02 Mar 2022 09:23

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 95 Resp: 60645

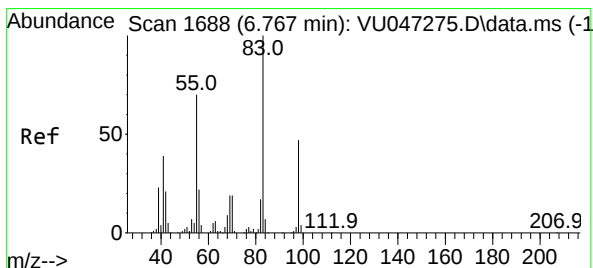
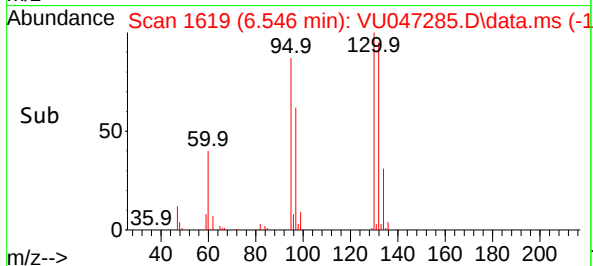
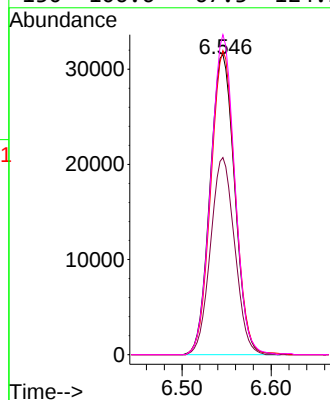
Ion Ratio Lower Upper

95 100

97 65.6 46.5 86.5

132 101.3 65.1 120.9

130 106.6 67.3 124.9



#35

Methylcyclohexane

Concen: 5.059 ug/L

RT: 6.768 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VU047285.D

Acq: 02 Mar 2022 09:23

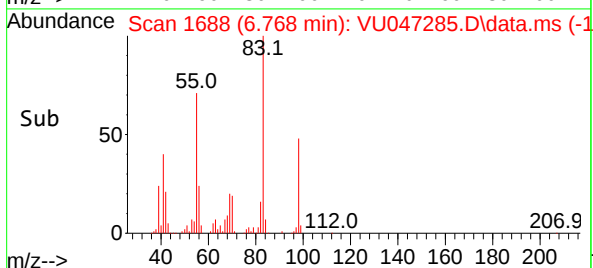
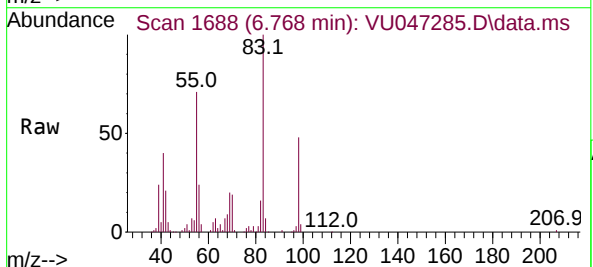
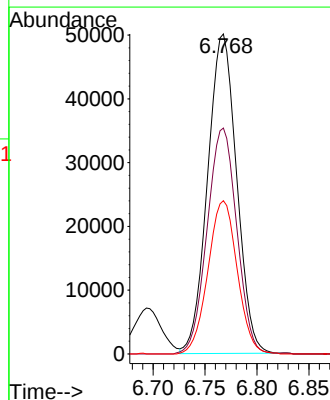
Tgt Ion: 83 Resp: 97203

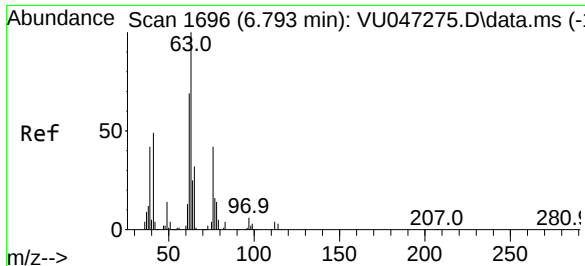
Ion Ratio Lower Upper

83 100

55 72.3 61.9 92.9

98 48.5 39.0 58.6





#37

1,2-Dichloropropane

Concen: 5.283 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047285.D

Acq: 02 Mar 2022 09:23

Instrument :

MSVOA_U

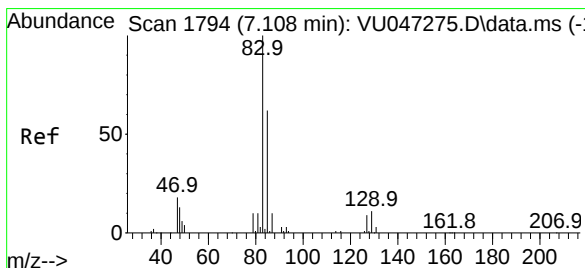
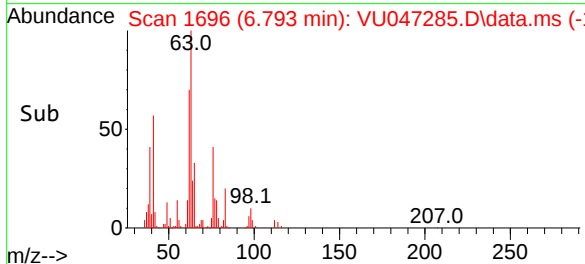
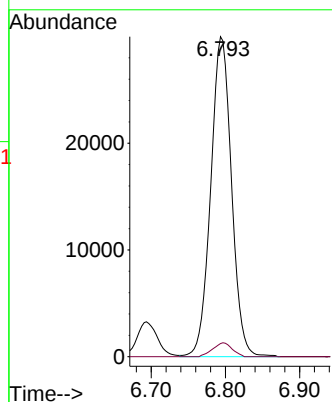
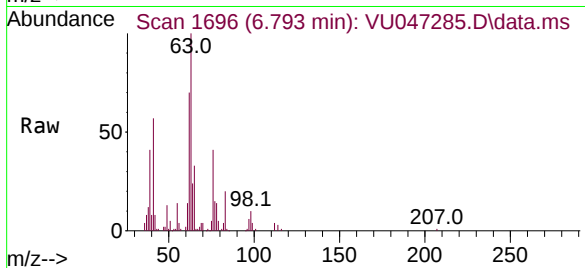
ClientSampleId :

Tgt Ion: 63 Resp: 58287

Ion Ratio Lower Upper

63 100

112 4.0 3.2 4.8



#38

Bromodichloromethane

Concen: 5.461 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047285.D

Acq: 02 Mar 2022 09:23

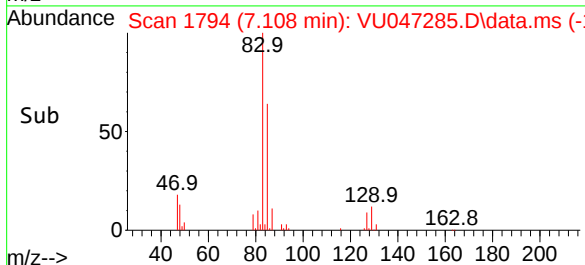
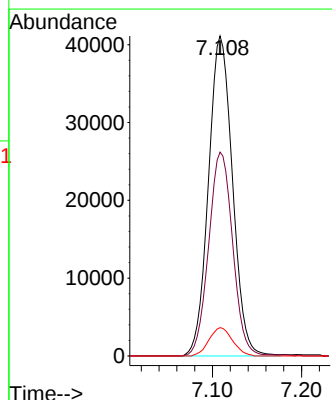
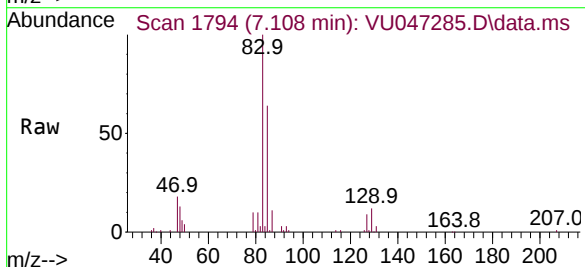
Tgt Ion: 83 Resp: 76970

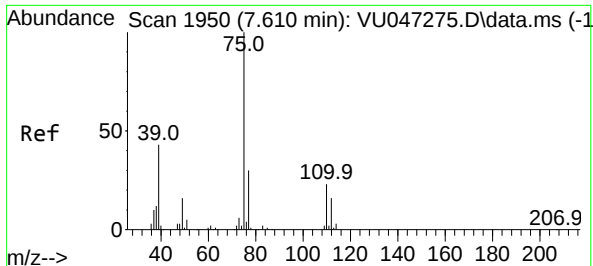
Ion Ratio Lower Upper

83 100

85 63.7 44.0 81.8

127 8.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.378 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047285.D

Acq: 02 Mar 2022 09:23

Instrument :

MSVOA_U

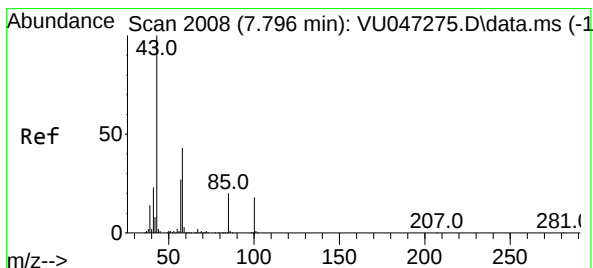
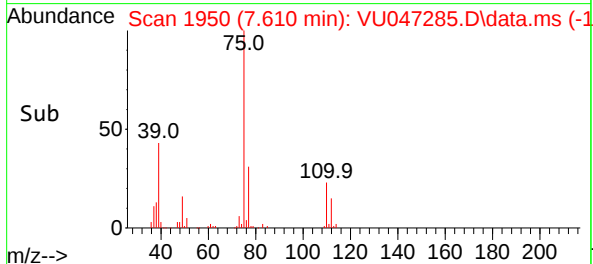
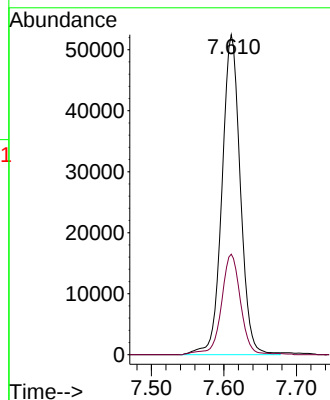
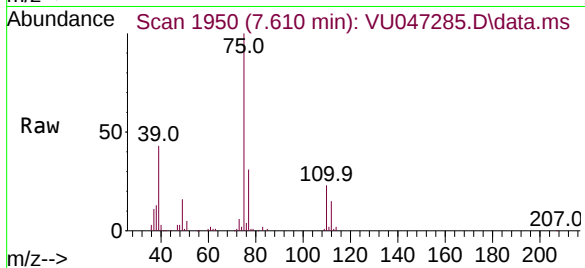
ClientSampleId :

Tgt Ion: 75 Resp: 92278

Ion Ratio Lower Upper

75 100

77 31.4 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 53.310 ug/L

RT: 7.797 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU047285.D

Acq: 02 Mar 2022 09:23

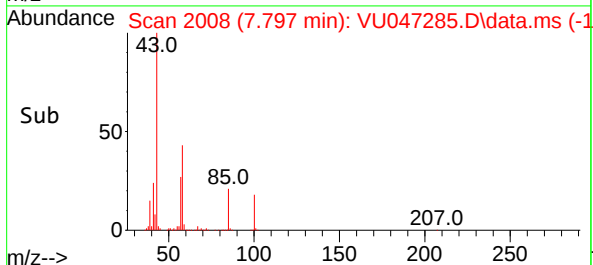
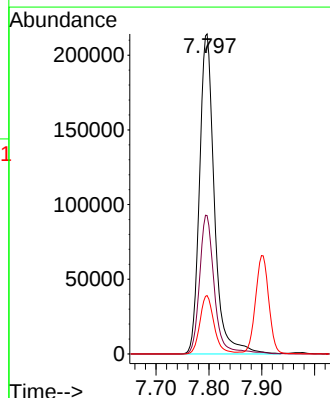
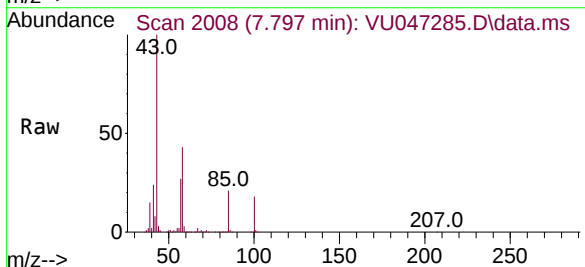
Tgt Ion: 43 Resp: 419684

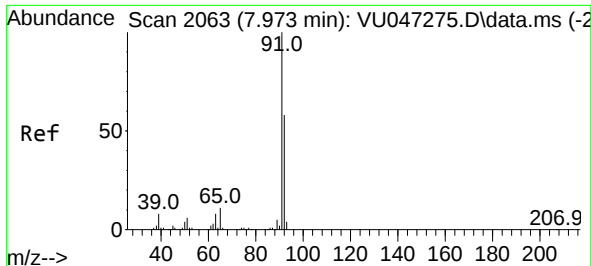
Ion Ratio Lower Upper

43 100

58 43.2 33.1 49.7

100 17.4 13.2 19.8





#42

Toluene

Concen: 5.242 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU047285.D

Acq: 02 Mar 2022 09:23

Instrument :

MSVOA_U

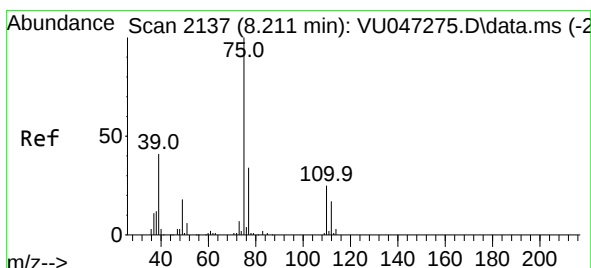
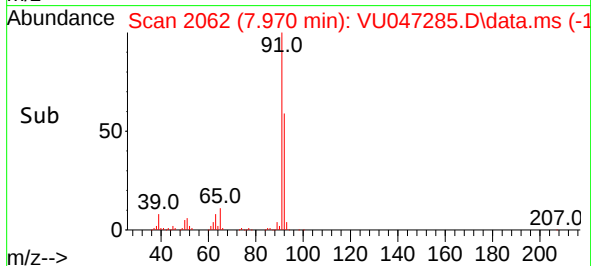
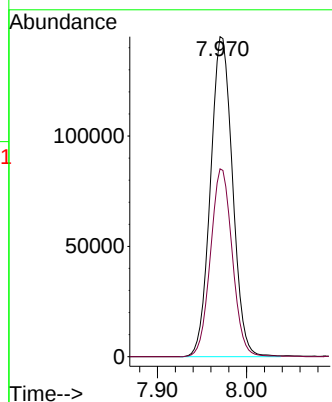
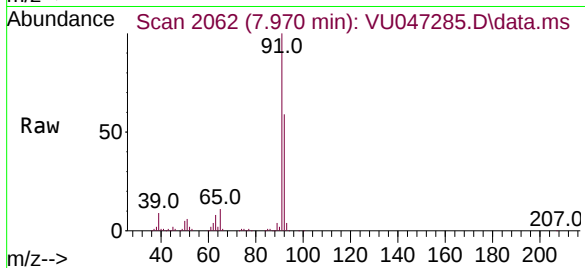
ClientSampleId :

Tgt Ion: 91 Resp: 249032

Ion Ratio Lower Upper

91 100

92 58.7 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.389 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU047285.D

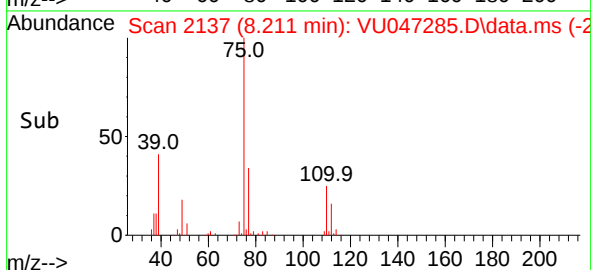
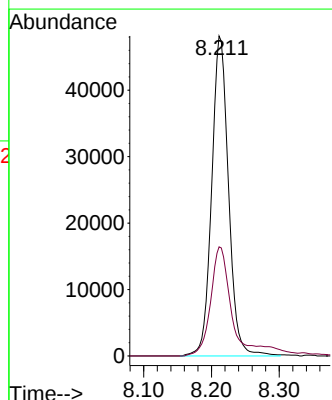
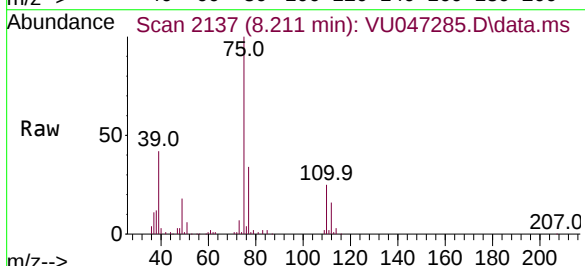
Acq: 02 Mar 2022 09:23

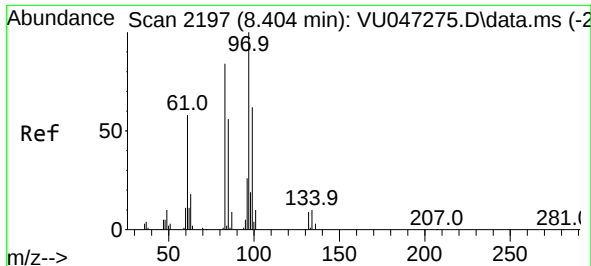
Tgt Ion: 75 Resp: 83291

Ion Ratio Lower Upper

75 100

77 34.1 22.7 42.3

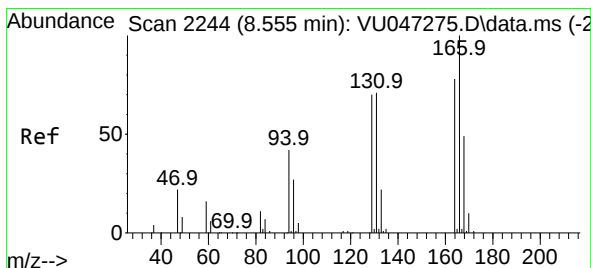
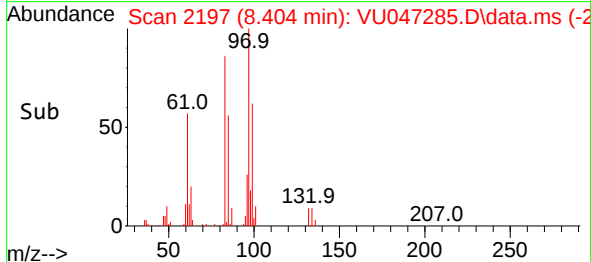
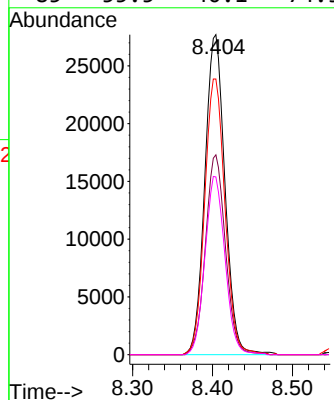
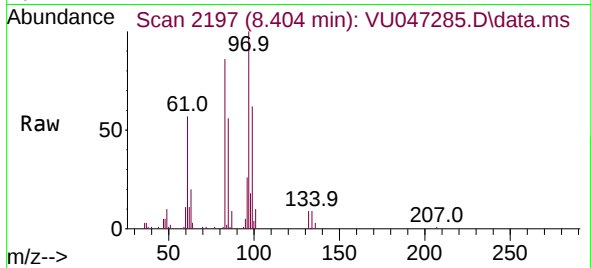




#45
1,1,2-Trichloroethane
Concen: 5.665 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU047285.D
Acq: 02 Mar 2022 09:23

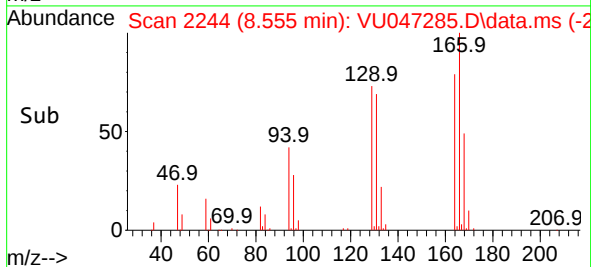
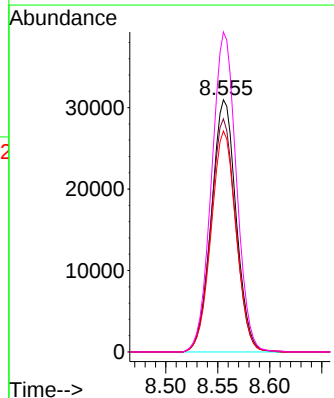
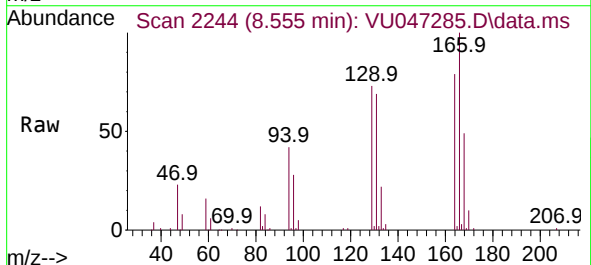
Instrument :
MSVOA_U
ClientSampleId :

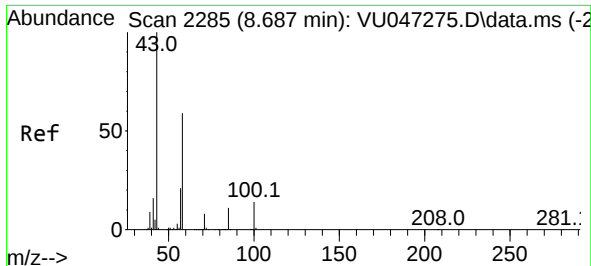
Tgt Ion:	97	Resp:	48532
Ion	Ratio	Lower	Upper
97	100		
99	62.4	42.3	78.5
83	86.2	62.0	115.2
85	55.5	40.1	74.5



#47
Tetrachloroethene
Concen: 5.551 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047285.D
Acq: 02 Mar 2022 09:23

Tgt Ion:	164	Resp:	51282
Ion	Ratio	Lower	Upper
164	100		
129	92.5	71.8	133.4
131	87.7	68.5	127.3
166	126.9	94.1	174.8

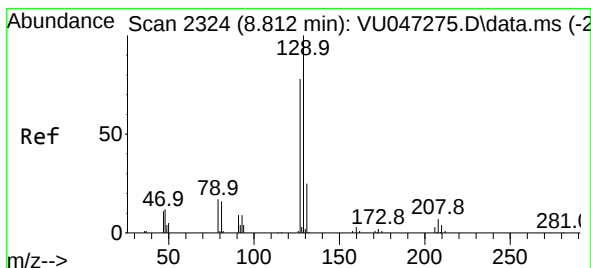
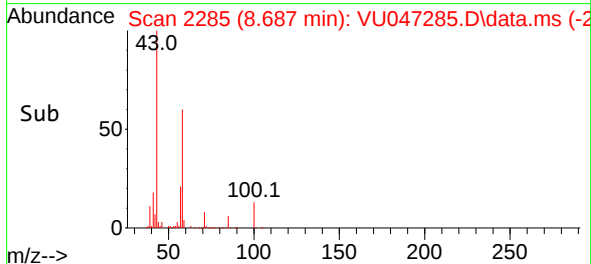
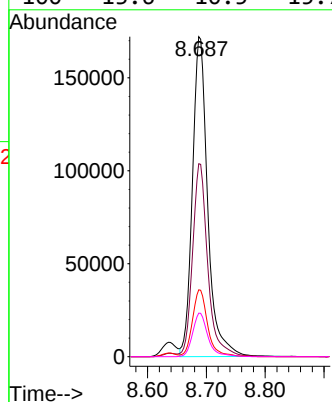
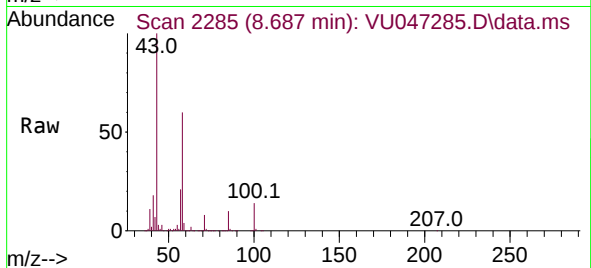




#48
2-Hexanone
Concen: 53.032 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047285.D
Acq: 02 Mar 2022 09:23

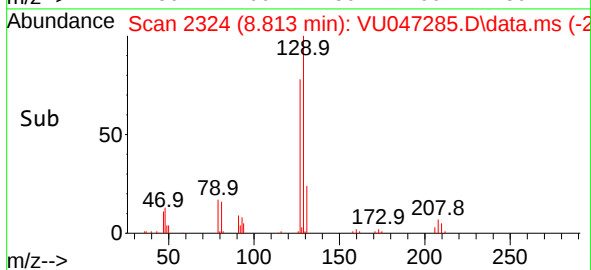
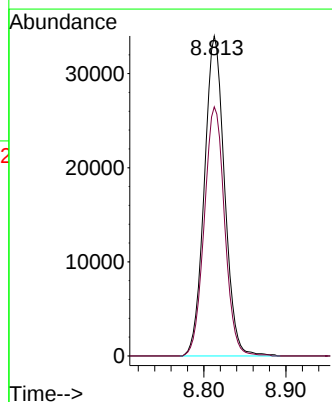
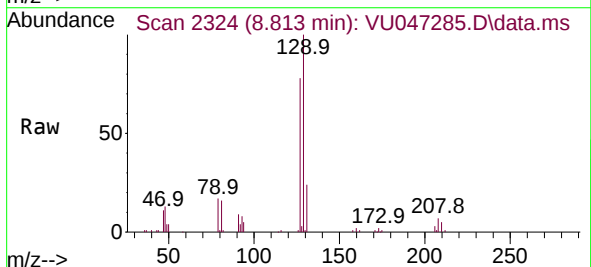
Instrument :
MSVOA_U
ClientSampleId :

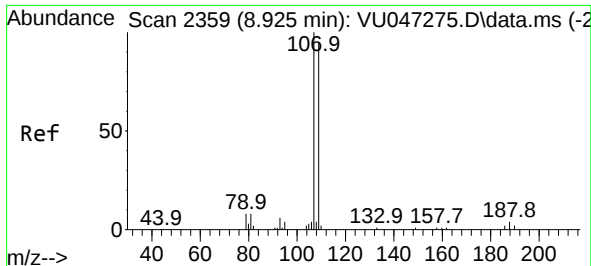
Tgt Ion: 43 Resp: 310408
Ion Ratio Lower Upper
43 100
58 60.2 46.7 70.1
57 20.9 16.3 24.5
100 13.6 10.5 15.7



#49
Dibromochloromethane
Concen: 5.647 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047285.D
Acq: 02 Mar 2022 09:23

Tgt Ion: 129 Resp: 58280
Ion Ratio Lower Upper
129 100
127 77.8 55.4 102.8

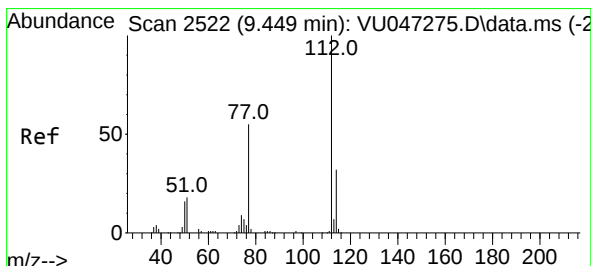
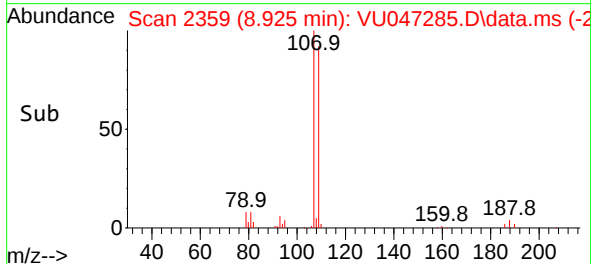
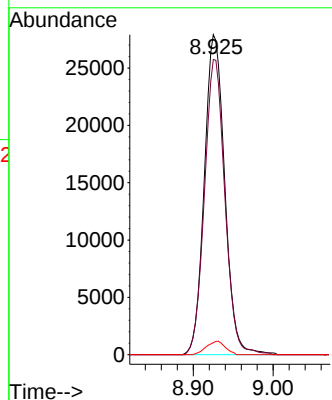
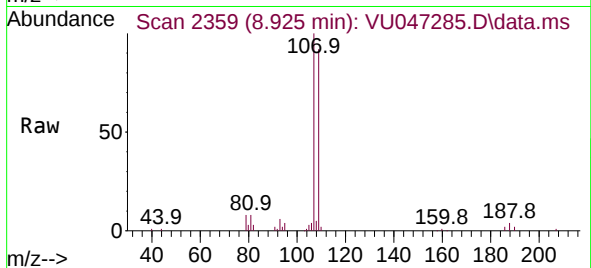




#50
1,2-Dibromoethane
Concen: 5.736 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047285.D
Acq: 02 Mar 2022 09:23

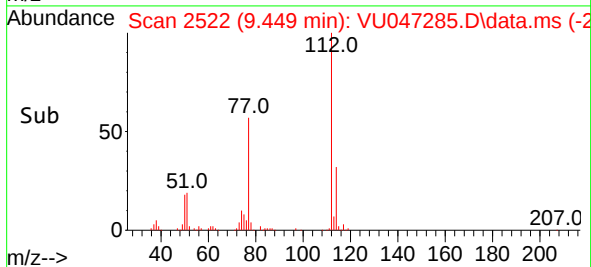
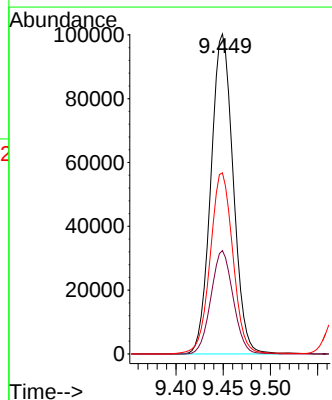
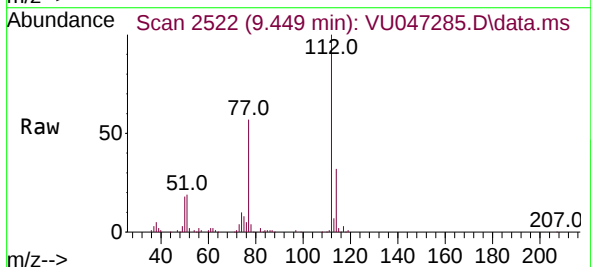
Instrument :
MSVOA_U
ClientSampleId :

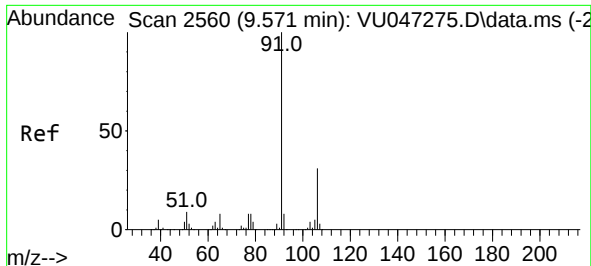
Tgt Ion:107 Resp: 49566
Ion Ratio Lower Upper
107 100
109 92.2 64.0 119.0
188 3.8 2.4 3.6#



#51
Chlorobenzene
Concen: 5.370 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047285.D
Acq: 02 Mar 2022 09:23

Tgt Ion:112 Resp: 164703
Ion Ratio Lower Upper
112 100
114 32.3 22.1 41.1
77 56.6 48.3 72.5

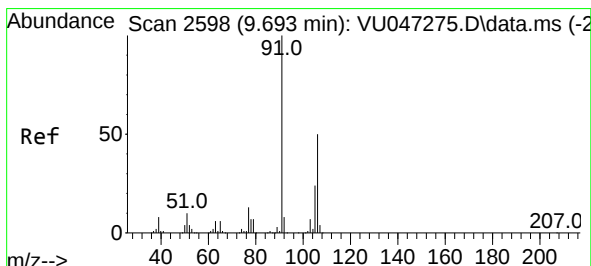
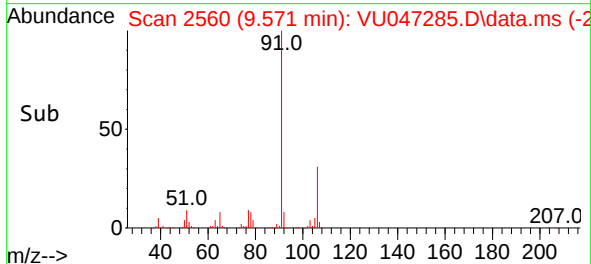
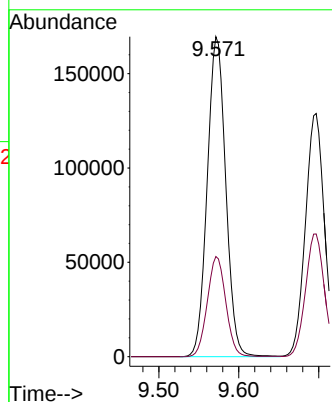
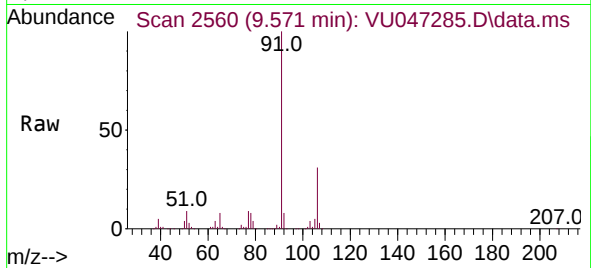




#52
Ethylbenzene
Concen: 5.242 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU047285.D
Acq: 02 Mar 2022 09:23

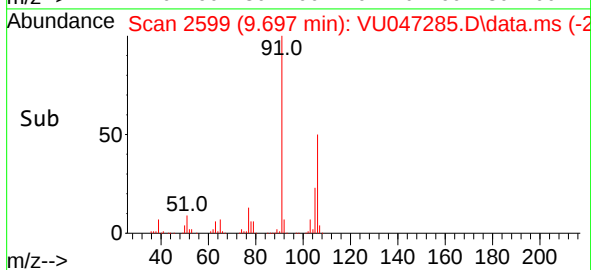
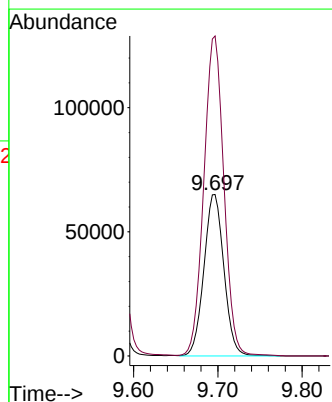
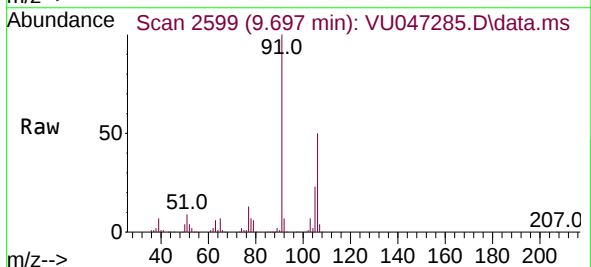
Instrument :
MSVOA_U
ClientSampleId :

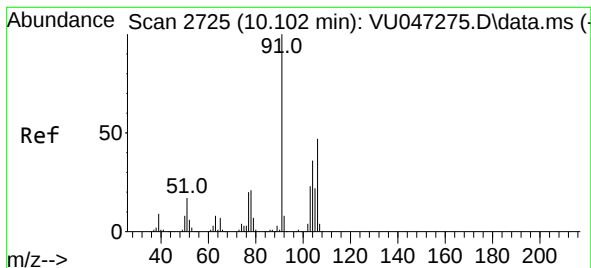
Tgt Ion: 91 Resp: 272936
Ion Ratio Lower Upper
91 100
106 31.3 21.5 39.9



#53
m,p-Xylene
Concen: 5.260 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047285.D
Acq: 02 Mar 2022 09:23

Tgt Ion: 106 Resp: 107532
Ion Ratio Lower Upper
106 100
91 198.2 139.4 259.0





#54

o-Xylene

Concen: 5.196 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. -0.003 min

Lab File: VU047285.D

Acq: 02 Mar 2022 09:23

Instrument :

MSVOA_U

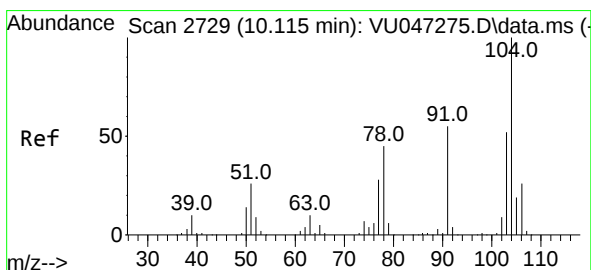
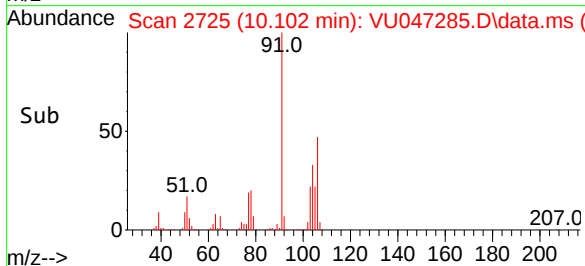
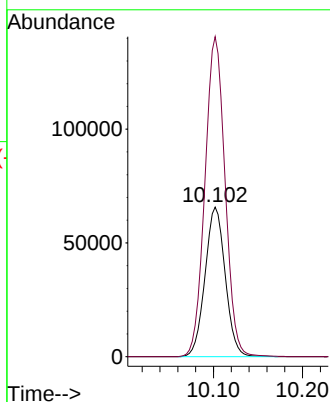
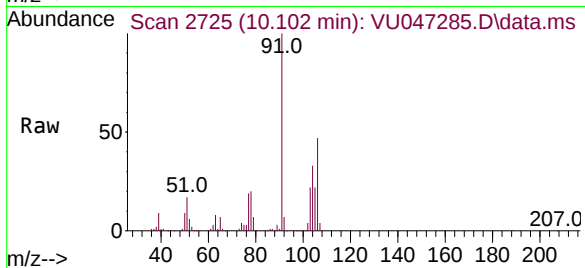
ClientSampleId :

Tgt Ion:106 Resp: 103451

Ion Ratio Lower Upper

106 100

91 213.9 147.5 273.9



#55

Styrene

Concen: 5.344 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.003 min

Lab File: VU047285.D

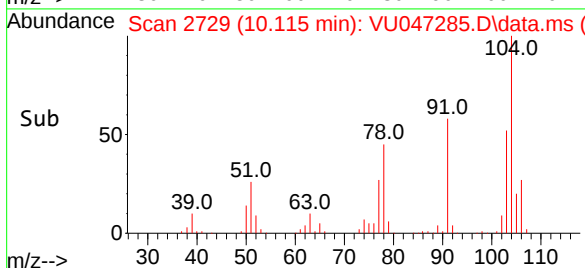
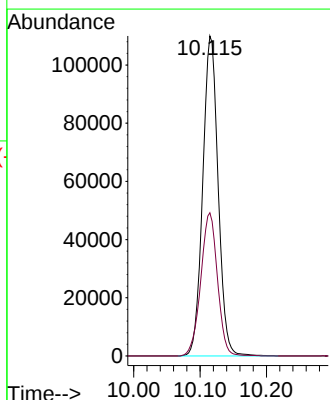
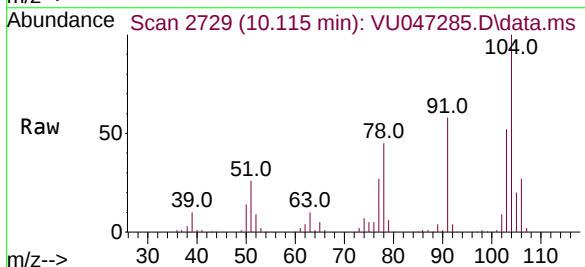
Acq: 02 Mar 2022 09:23

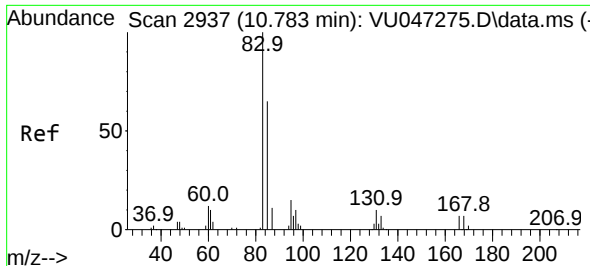
Tgt Ion:104 Resp: 177995

Ion Ratio Lower Upper

104 100

78 44.7 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.745 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU047285.D

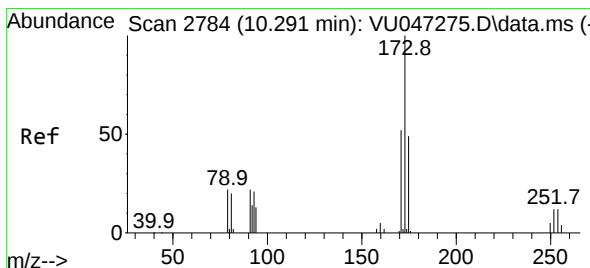
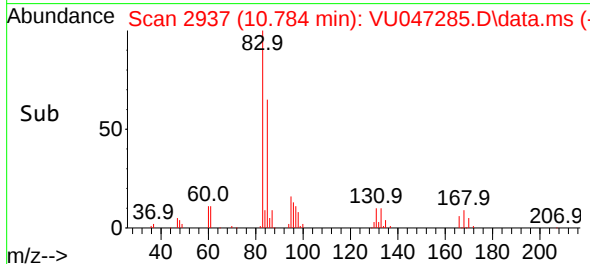
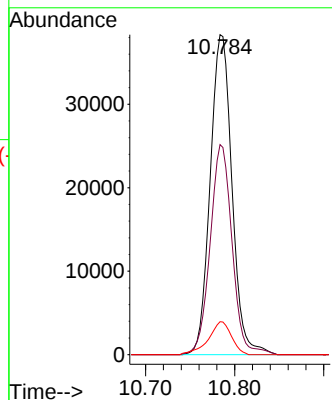
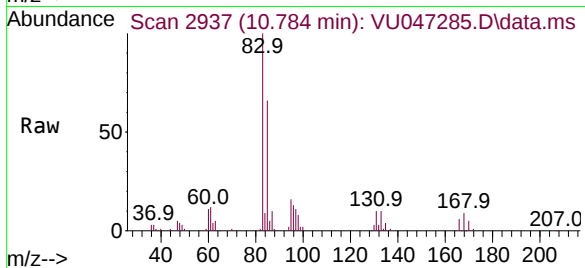
Acq: 02 Mar 2022 09:23

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	65146
Ion Ratio	Lower	Upper	
83	100		
85	65.7	47.9	89.1
131	10.3	8.1	12.1



#59

Bromoform

Concen: 5.667 ug/L

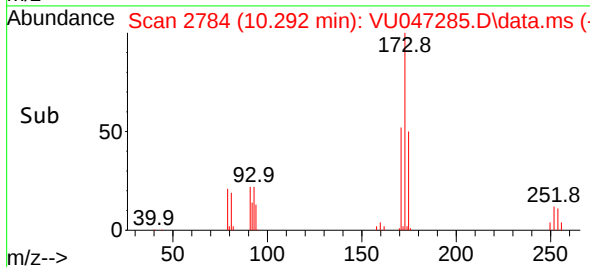
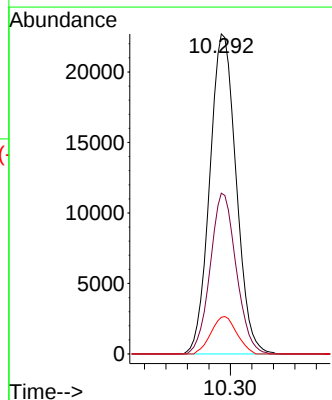
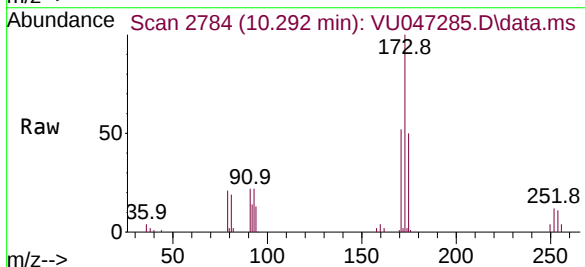
RT: 10.292 min Scan# 2784

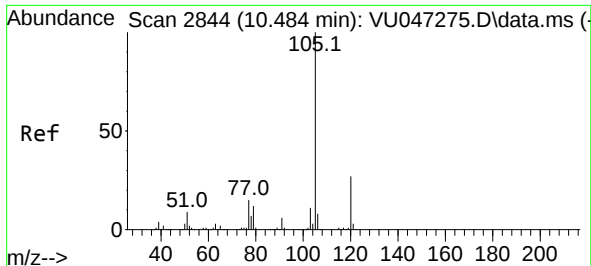
Delta R.T. 0.000 min

Lab File: VU047285.D

Acq: 02 Mar 2022 09:23

Tgt Ion:	173	Resp:	38698
Ion Ratio	Lower	Upper	
173	100		
175	49.3	37.8	56.6
254	11.4	7.3	10.9

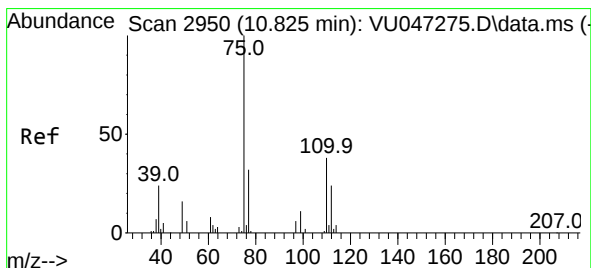
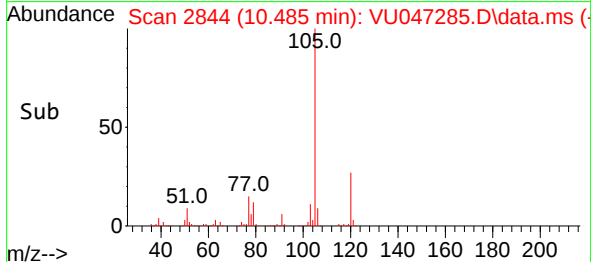
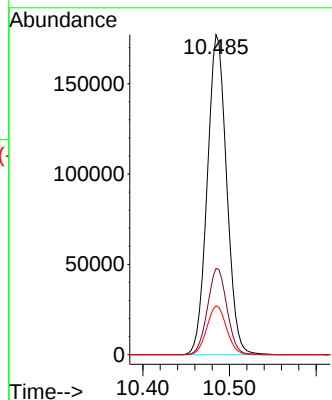
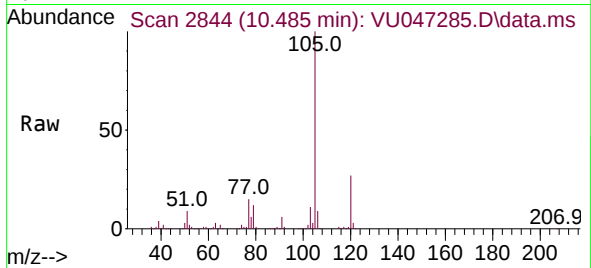




#60
Isopropylbenzene
Concen: 4.999 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU047285.D
Acq: 02 Mar 2022 09:23

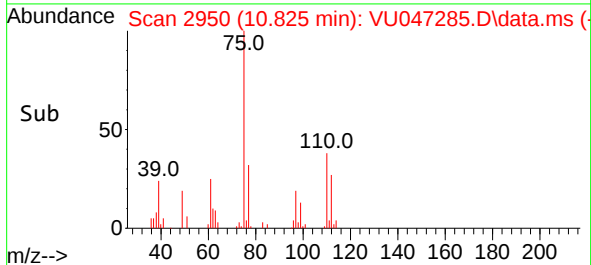
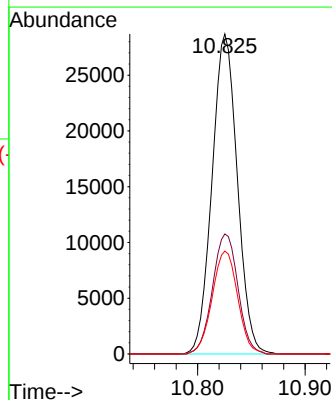
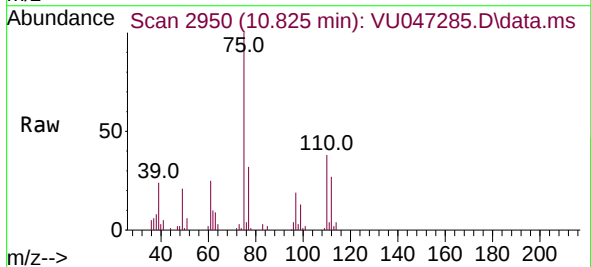
Instrument :
MSVOA_U
ClientSampleId :

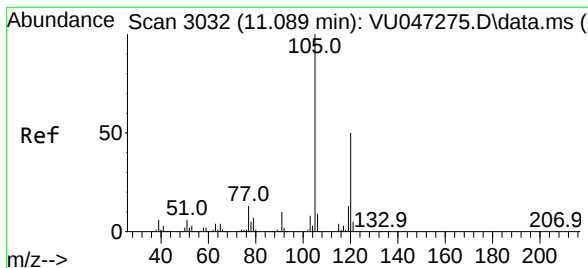
Tgt Ion:105 Resp: 274990
Ion Ratio Lower Upper
105 100
120 27.1 20.7 31.1
77 15.5 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.228 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU047285.D
Acq: 02 Mar 2022 09:23

Tgt Ion: 75 Resp: 46811
Ion Ratio Lower Upper
75 100
110 37.8 29.9 44.9
77 32.5 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 4.995 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU047285.D

Acq: 02 Mar 2022 09:23

Instrument :

MSVOA_U

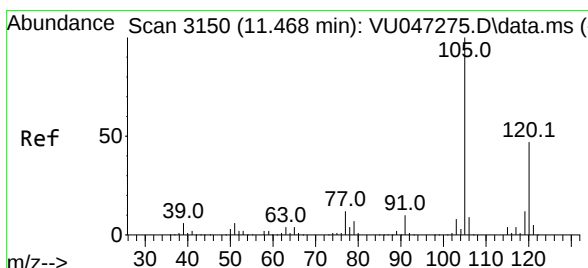
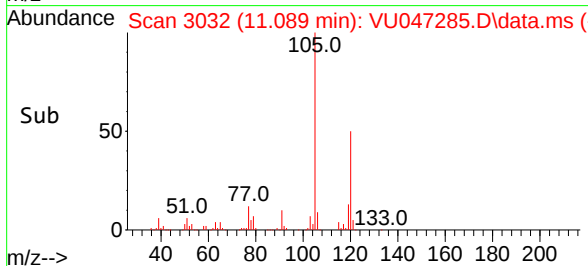
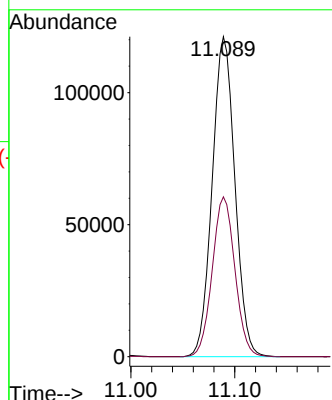
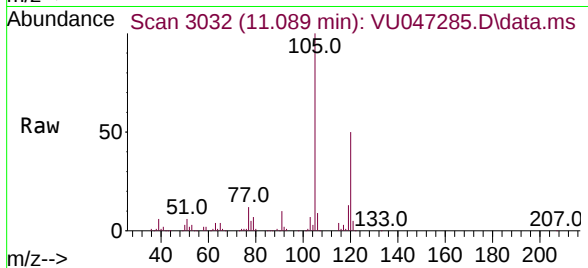
ClientSampleId :

Tgt Ion:105 Resp: 183494

Ion Ratio Lower Upper

105 100

120 49.9 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.061 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU047285.D

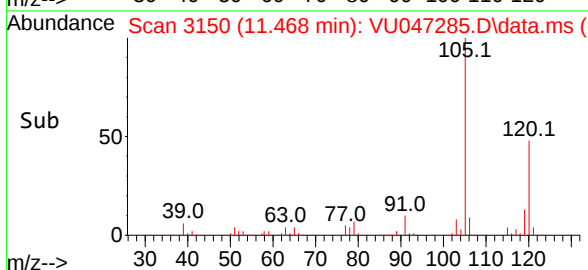
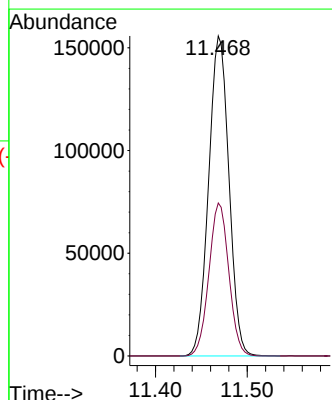
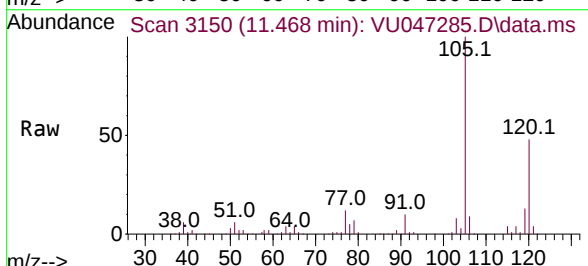
Acq: 02 Mar 2022 09:23

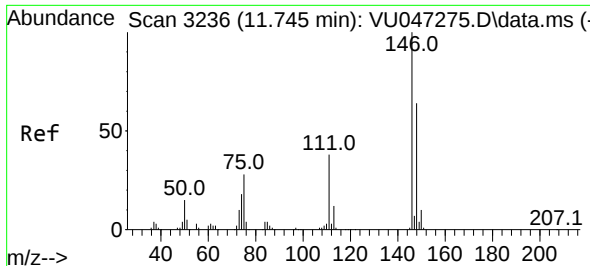
Tgt Ion:105 Resp: 239336

Ion Ratio Lower Upper

105 100

120 46.8 35.8 53.8

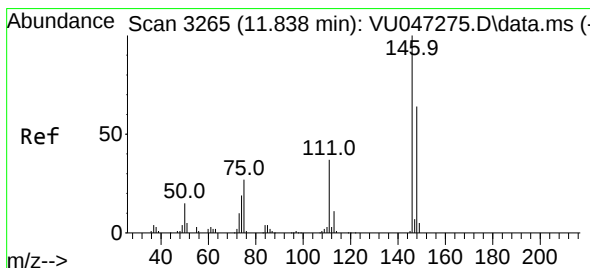
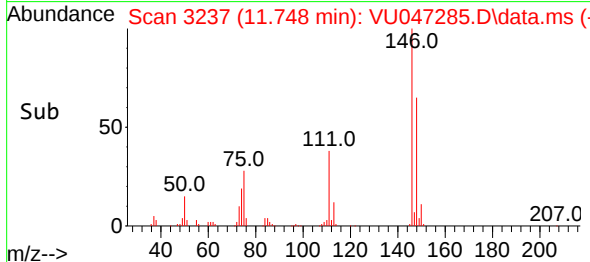
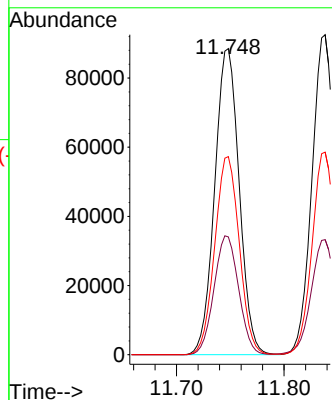
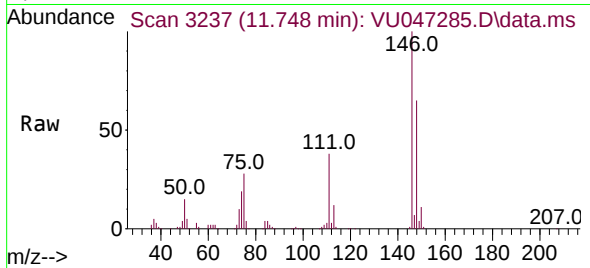




#64
1,3-Dichlorobenzene
Concen: 5.282 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047285.D
Acq: 02 Mar 2022 09:23

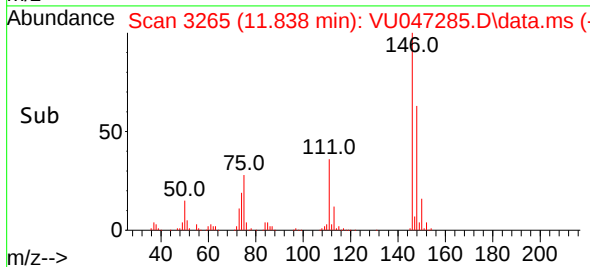
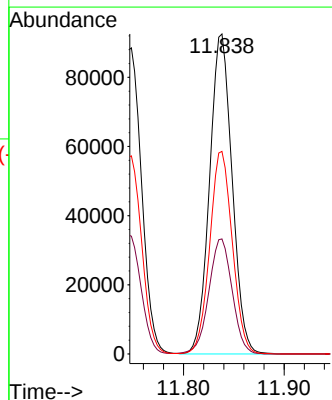
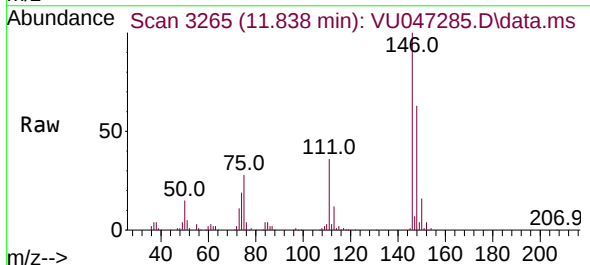
Instrument :
MSVOA_U
ClientSampleId :

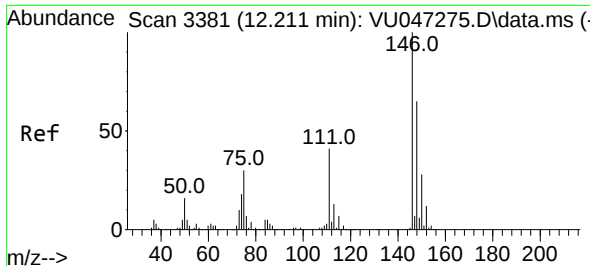
Tgt Ion:146 Resp: 140136
Ion Ratio Lower Upper
146 100
111 38.5 29.9 55.5
148 64.7 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.364 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047285.D
Acq: 02 Mar 2022 09:23

Tgt Ion:146 Resp: 143994
Ion Ratio Lower Upper
146 100
111 35.9 28.7 53.3
148 63.3 45.8 85.0

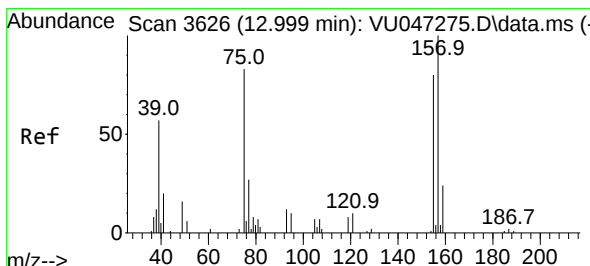
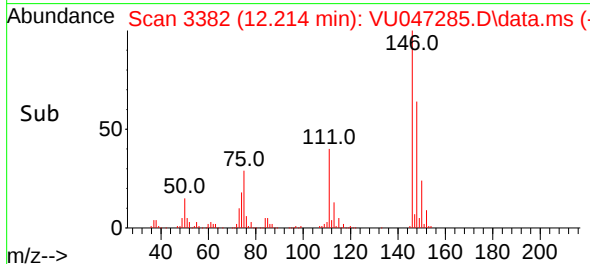
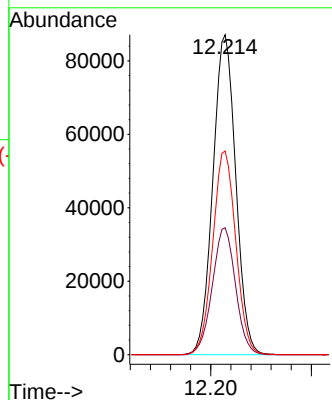
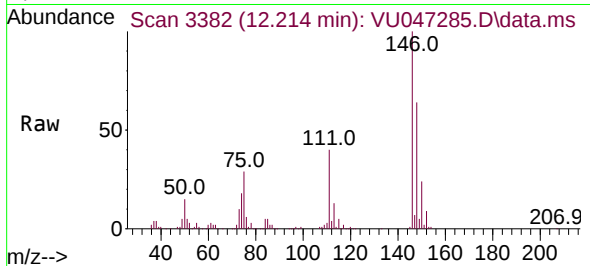




#67
1,2-Dichlorobenzene
Concen: 5.447 ug/L
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU047285.D
Acq: 02 Mar 2022 09:23

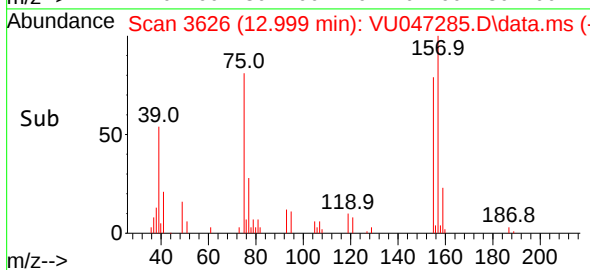
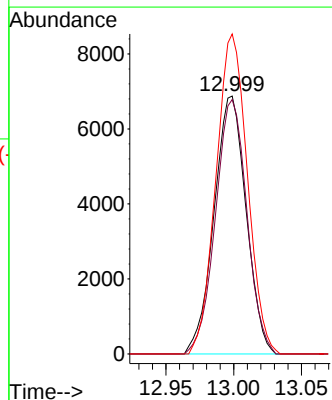
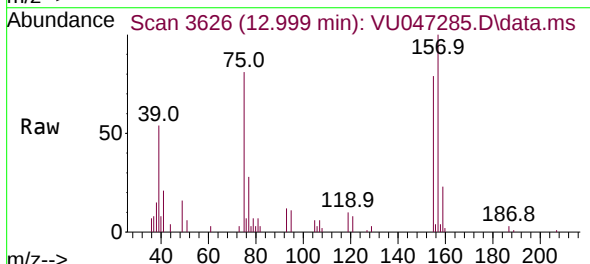
Instrument :
MSVOA_U
ClientSampleId :

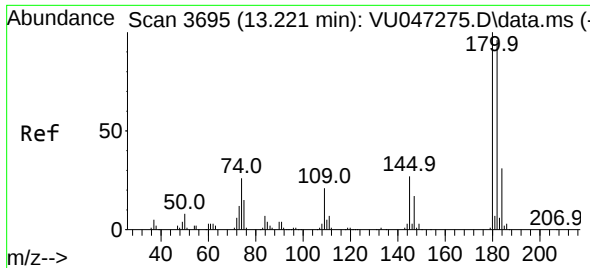
Tgt Ion:146 Resp: 137659
Ion Ratio Lower Upper
146 100
111 39.6 35.4 53.0
148 63.6 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.474 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.000 min
Lab File: VU047285.D
Acq: 02 Mar 2022 09:23

Tgt Ion: 75 Resp: 11322
Ion Ratio Lower Upper
75 100
155 98.6 59.2 88.8#
157 124.0 76.5 114.7#



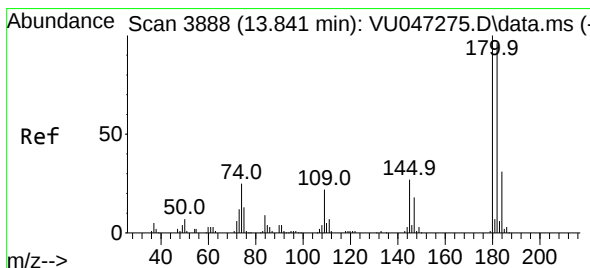
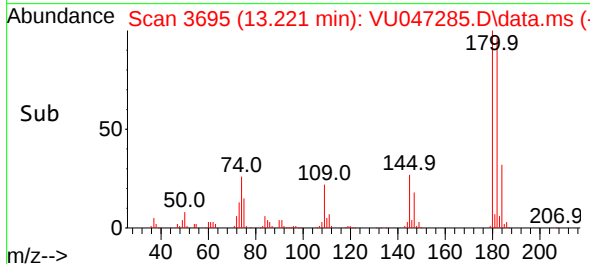
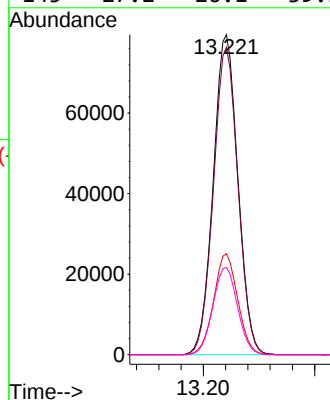
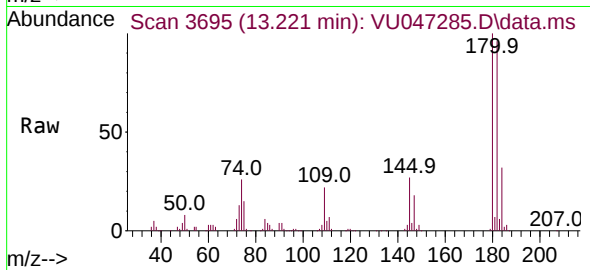


#69
 1,3,5-Trichlorobenzene
 Concen: 5.563 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU047285.D
 Acq: 02 Mar 2022 09:23

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion:180 Resp: 121948

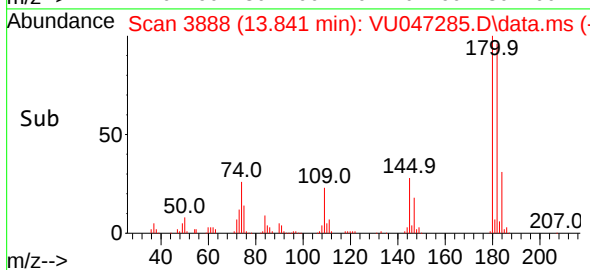
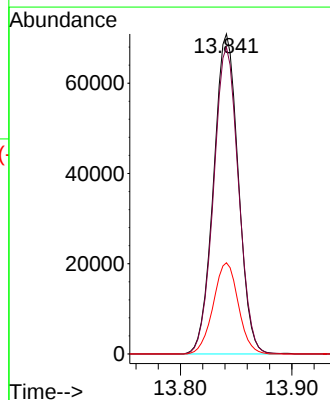
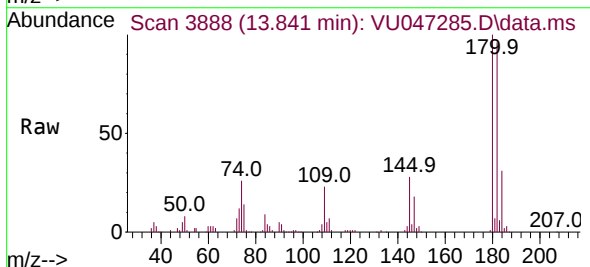
Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.1	114.1
184	30.8	25.0	37.4
145	27.2	26.1	39.1

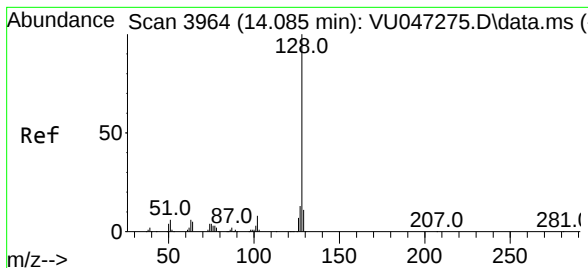


#70
 1,2,4-trichlorobenzene
 Concen: 5.357 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047285.D
 Acq: 02 Mar 2022 09:23

Tgt Ion:180 Resp: 109308

Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.4	114.6
145	28.9	25.6	38.4





#71

Naphthalene

Concen: 4.959 ug/L

RT: 14.086 min Scan# 3964

Delta R.T. -0.003 min

Lab File: VU047285.D

Acq: 02 Mar 2022 09:23

Instrument :

MSVOA_U

ClientSampleId :

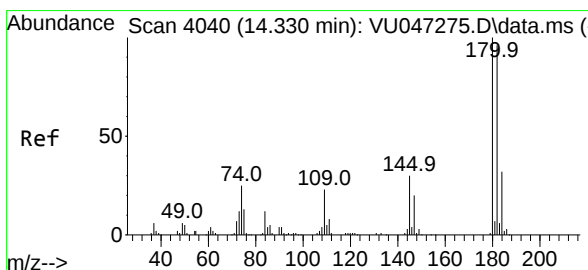
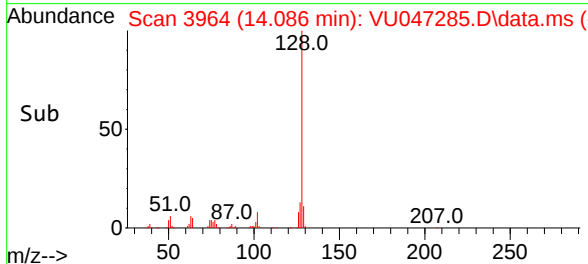
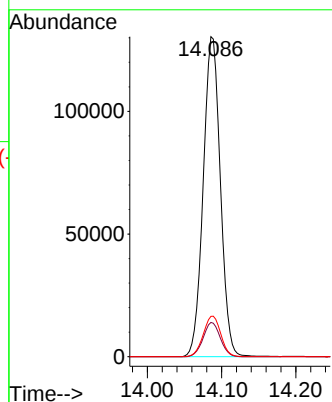
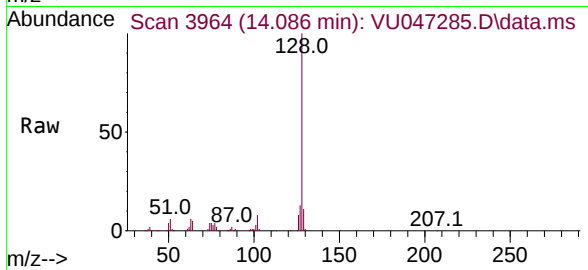
Tgt Ion:128 Resp: 208847

Ion Ratio Lower Upper

128 100

129 10.7 8.4 12.6

127 13.0 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 5.306 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU047285.D

Acq: 02 Mar 2022 09:23

Tgt Ion:180 Resp: 101847

Ion Ratio Lower Upper

180 100

182 95.3 76.2 114.4

145 29.8 28.4 42.6

