

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
 Data File : VU047328.D
 Acq On : 04 Mar 2022 13:51
 Operator : SY/MD
 Sample : VSTD01010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010010

Quant Time: Mar 04 14:48:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 14:46:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	221357	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	212927	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	125874	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	132857	8.738	ug/L	0.00
7) Chloroethane-d5	1.919	69	109960	8.694	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	58152	9.288	ug/L	0.00
20) 2-Butanone-d5	4.648	46	380525	83.614	ug/L	0.00
24) Chloroform-d	5.070	84	247644	8.782	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	135657	8.554	ug/L	0.00
32) Benzene-d6	5.732	84	503682	8.666	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.693	67	155205	8.476	ug/L	0.00
41) Toluene-d8	7.899	98	484608	8.917	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	71752	9.072	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	408408	91.464	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	166614	9.091	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	212834	8.627	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	165029	12.228	ug/L	99
3) Chloromethane	1.526	50	162654	9.951	ug/L	99
5) Vinyl chloride	1.607	62	161176	10.669	ug/L	99
6) Bromomethane	1.864	94	85991	10.318	ug/L	98
8) Chloroethane	1.941	64	95003	10.836	ug/L	100
9) Trichlorofluoromethane	2.144	101	211532	11.812	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	128258	12.446	ug/L	91
12) 1,1-Dichloroethene	2.587	96	121646	11.094	ug/L	78
13) Acetone	2.668	43	207296	164.836	ug/L	92
14) Carbon disulfide	2.800	76	390829	10.945	ug/L	99
15) Methyl Acetate	2.964	43	62787	13.720	ug/L	97
16) Methylene chloride	3.050	84	132536	9.903	ug/L	93
17) Methyl tert-butyl Ether	3.369	73	323637	10.582	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	130504	10.721	ug/L	90
19) 1,1-Dichloroethane	3.877	63	218390	10.817	ug/L	99
21) 2-Butanone	4.729	43	378605	109.042	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	141865	10.704	ug/L	96
23) Bromochloromethane	4.980	128	72145	11.014	ug/L #	83
25) Chloroform	5.092	83	232403	10.345	ug/L	98
27) 1,2-Dichloroethane	5.796	62	157036	10.537	ug/L	99
29) 1,1,1-Trichloroethane	5.320	97	203481	11.272	ug/L	98
30) Cyclohexane	5.391	56	205368	11.941	ug/L	96
31) Carbon tetrachloride	5.529	117	180993	11.707	ug/L	99
33) Benzene	5.777	78	526635	10.530	ug/L	100
34) Trichloroethene	6.545	95	142688	11.006	ug/L	93
35) Methylcyclohexane	6.767	83	238329	12.800	ug/L	94
37) 1,2-Dichloropropane	6.793	63	129462	10.406	ug/L	99
38) Bromodichloromethane	7.108	83	174838	10.770	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	214306	11.047	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	1007476	108.462	ug/L	97
42) Toluene	7.970	91	584120	10.763	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	194306	11.470	ug/L	99

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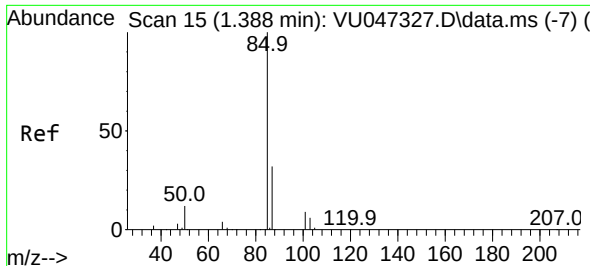
Instrument :
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Quant Time: Mar 04 14:48:12 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.401	97	113721	10.625	ug/L	99
47) Tetrachloroethene	8.555	164	123342	11.315	ug/L	92
48) 2-Hexanone	8.690	43	753098	109.708	ug/L	98
49) Dibromochloromethane	8.812	129	139219	11.388	ug/L	97
50) 1,2-Dibromoethane	8.925	107	118420	10.963	ug/L #	98
51) Chlorobenzene	9.449	112	391452	10.698	ug/L	95
52) Ethylbenzene	9.571	91	640053	11.290	ug/L	99
53) m,p-Xylene	9.693	106	253984	11.198	ug/L	99
54) o-Xylene	10.102	106	245705	11.271	ug/L	99
55) Styrene	10.114	104	425229	11.660	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.783	83	162464	11.197	ug/L	95
59) Bromoform	10.291	173	92647	10.217	ug/L #	97
60) Isopropylbenzene	10.484	105	650035	10.123	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	114155	10.101	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	441461	10.393	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	574196	10.433	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	341254	10.383	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	345707	10.285	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	333508	10.243	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.995	75	26464	10.114	ug/L #	72
69) 1,3,5-Trichlorobenzene	13.217	180	291337	10.444	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	260852	10.446	ug/L	98
71) Naphthalene	14.085	128	517206	10.373	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	240187	10.227	ug/L	97

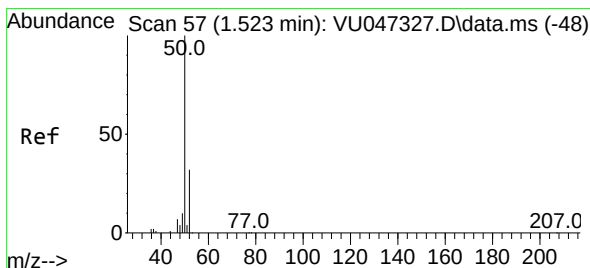
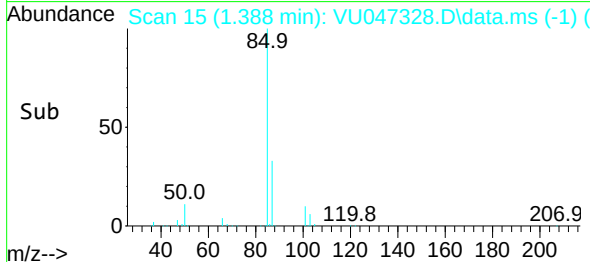
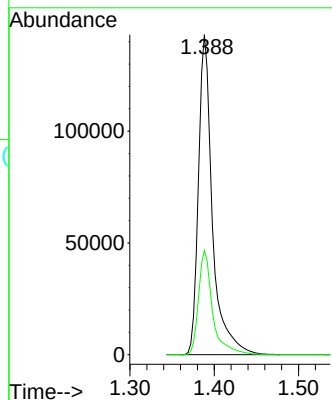
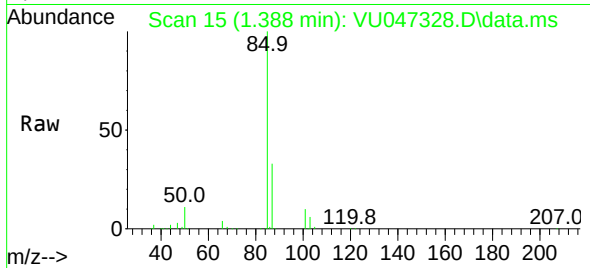
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 12.228 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047328.D
Acq: 04 Mar 2022 13:51

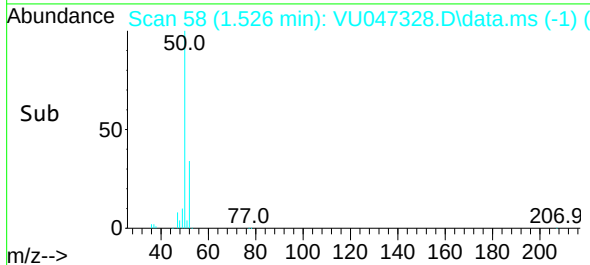
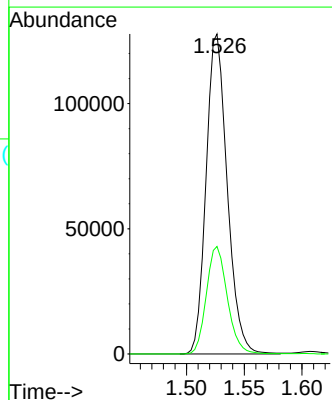
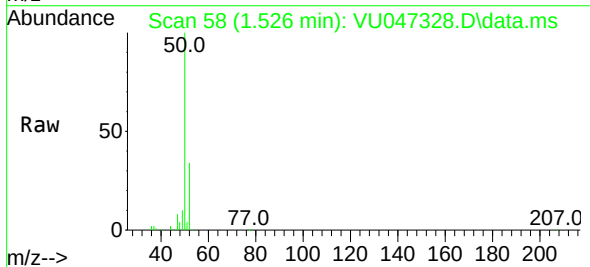
Instrument :
MSVOA_U
ClientSampleId :
VSTD010010

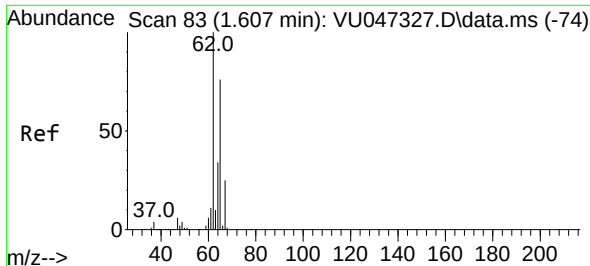
Tgt Ion: 85 Resp: 165029
Ion Ratio Lower Upper
85 100
87 32.9 25.8 38.6



#3
Chloromethane
Concen: 9.951 ug/L
RT: 1.526 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU047328.D
Acq: 04 Mar 2022 13:51

Tgt Ion: 50 Resp: 162654
Ion Ratio Lower Upper
50 100
52 33.6 23.0 42.8

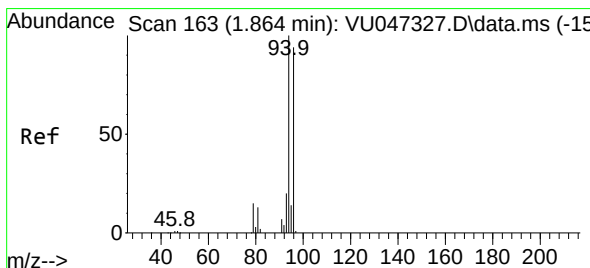
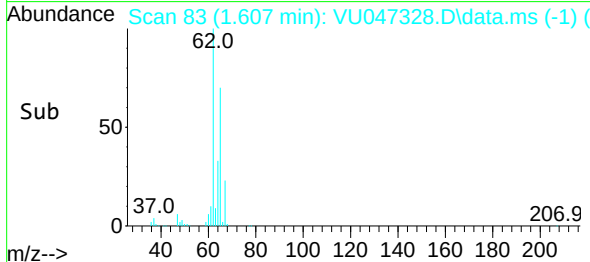
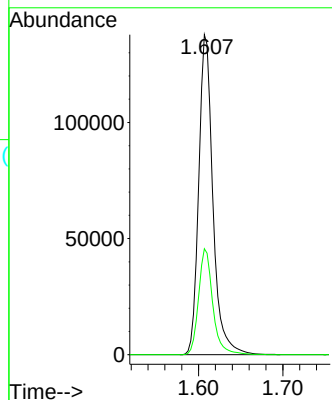
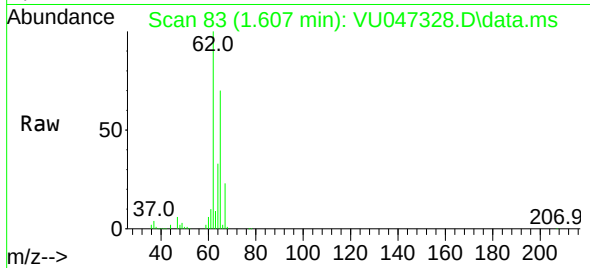




#5
 Vinyl chloride
 Concen: 10.669 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047328.D
 Acq: 04 Mar 2022 13:51

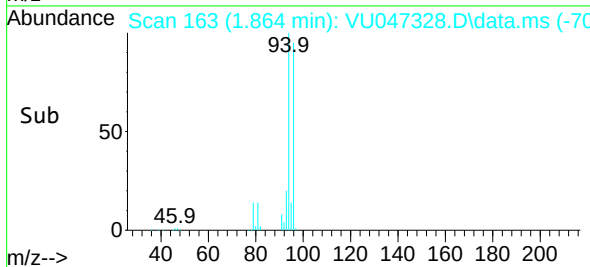
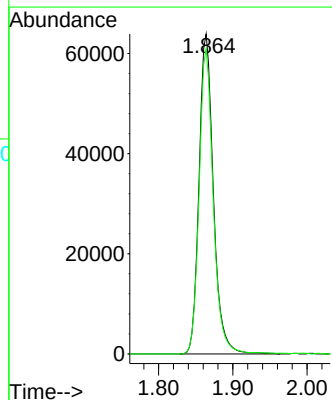
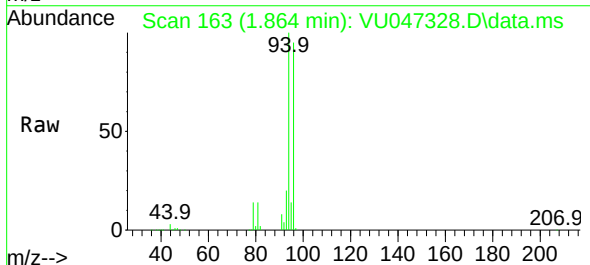
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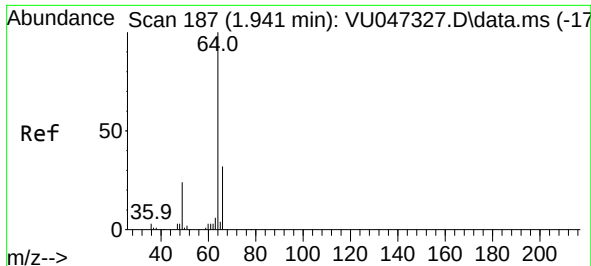
Tgt Ion: 62 Resp: 161176
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.9 42.5



#6
 Bromomethane
 Concen: 10.318 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU047328.D
 Acq: 04 Mar 2022 13:51

Tgt Ion: 94 Resp: 85991
 Ion Ratio Lower Upper
 94 100
 96 95.2 65.5 121.6

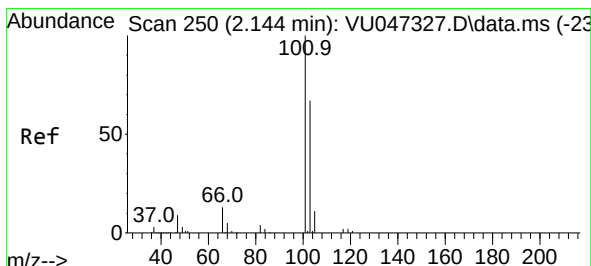
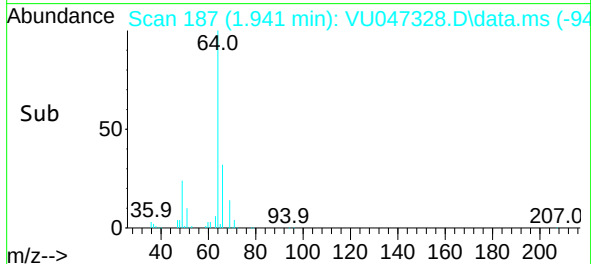
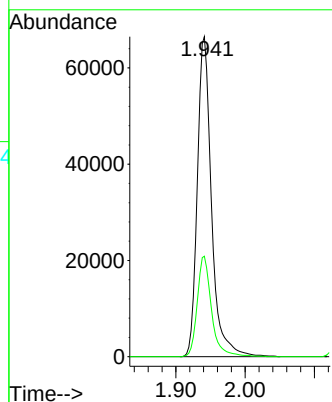
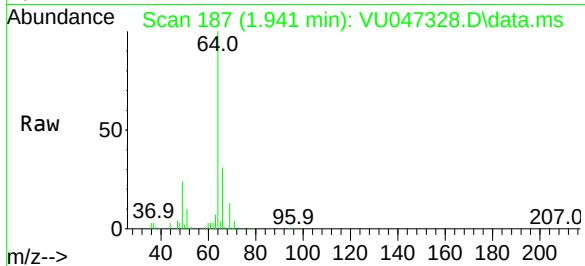




#8
Chloroethane
Concen: 10.836 ug/L
RT: 1.941 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047328.D
Acq: 04 Mar 2022 13:51

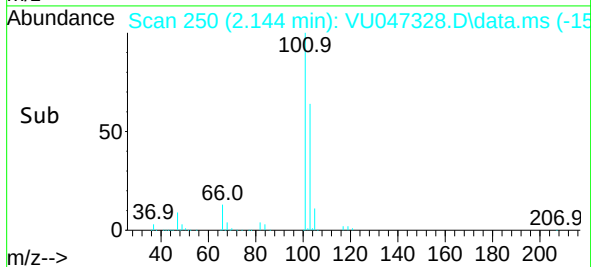
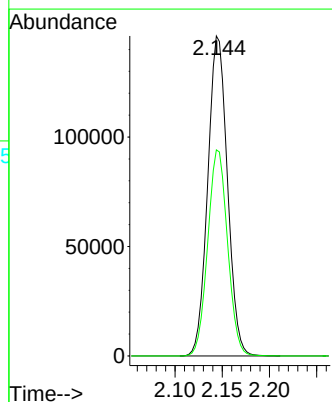
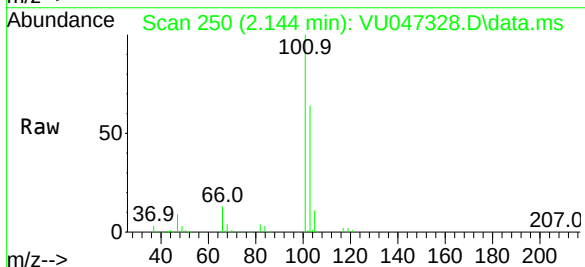
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ClientSampleId :
VSTD010010

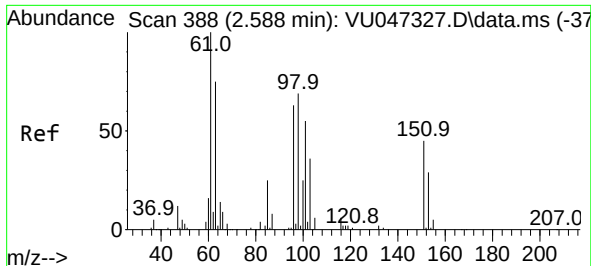
Tgt Ion: 64 Resp: 95003
Ion Ratio Lower Upper
64 100
66 31.4 22.1 41.1



#9
Trichlorofluoromethane
Concen: 11.812 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU047328.D
Acq: 04 Mar 2022 13:51

Tgt Ion:101 Resp: 211532
Ion Ratio Lower Upper
101 100
103 65.0 51.5 77.3

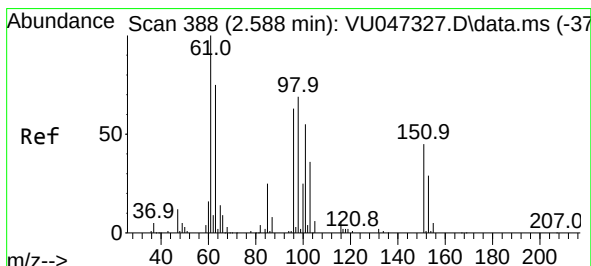
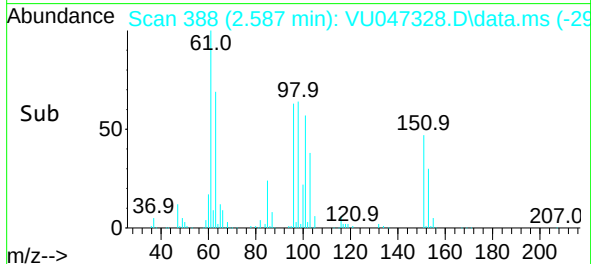
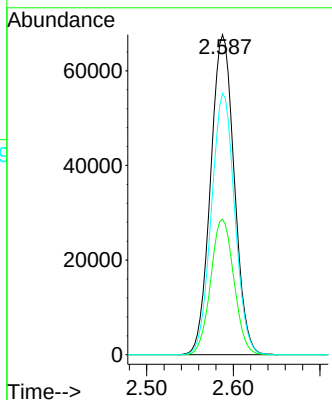
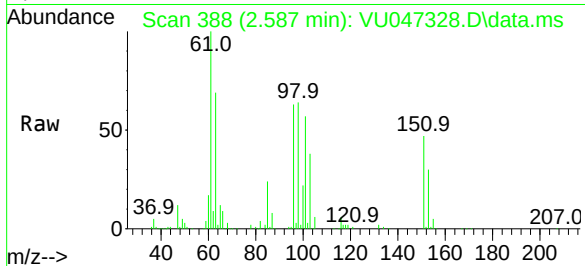




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 12.446 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047328.D
 Acq: 04 Mar 2022 13:51

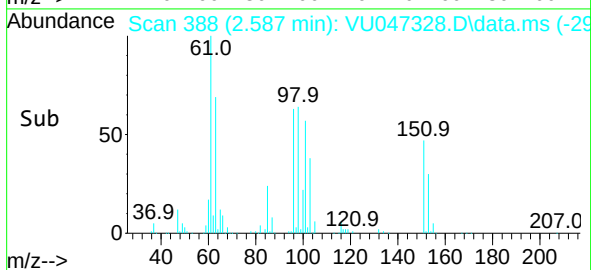
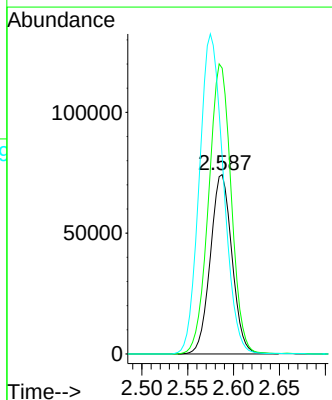
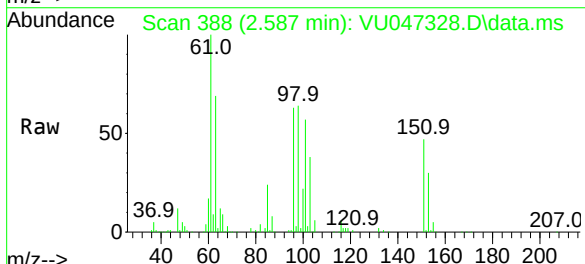
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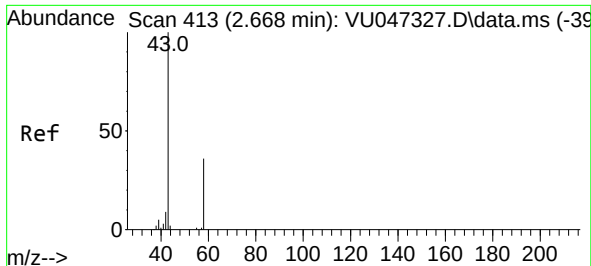
Tgt Ion:101 Resp: 128258
 Ion Ratio Lower Upper
 101 100
 85 41.5 34.6 51.8
 151 80.7 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 11.094 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047328.D
 Acq: 04 Mar 2022 13:51

Tgt Ion: 96 Resp: 121646
 Ion Ratio Lower Upper
 96 100
 61 159.3 124.7 231.5
 63 109.5 105.2 195.4





#13

Acetone

Concen: 164.836 ug/L

RT: 2.668 min Scan# 413

Delta R.T. -0.000 min

Lab File: VU047328.D

Acq: 04 Mar 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

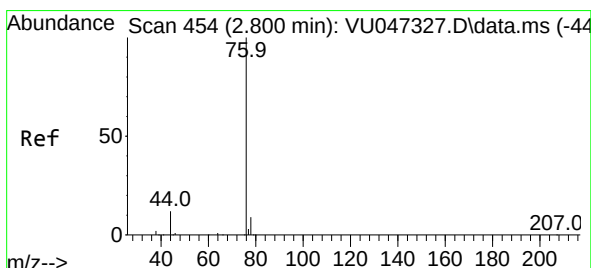
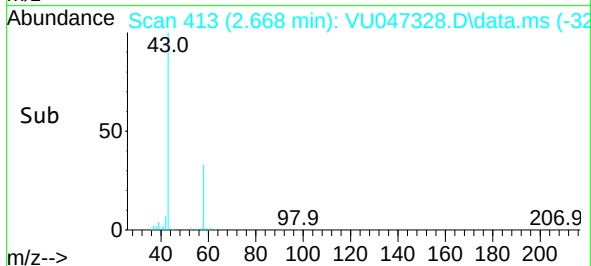
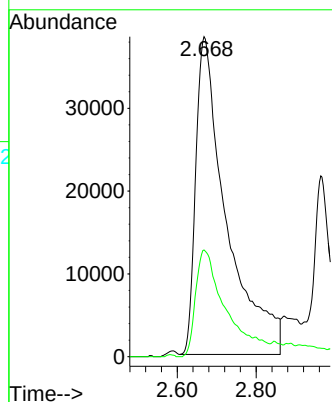
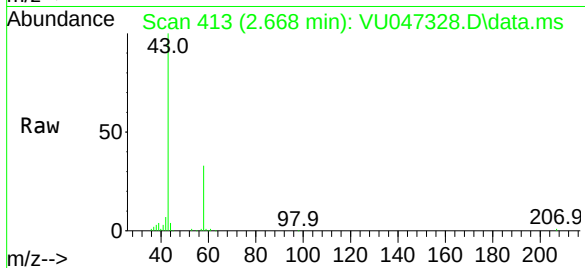
VSTD010010

Tgt Ion: 43 Resp: 207296

Ion Ratio Lower Upper

43 100

58 30.9 0.0 71.6



#14

Carbon disulfide

Concen: 10.945 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU047328.D

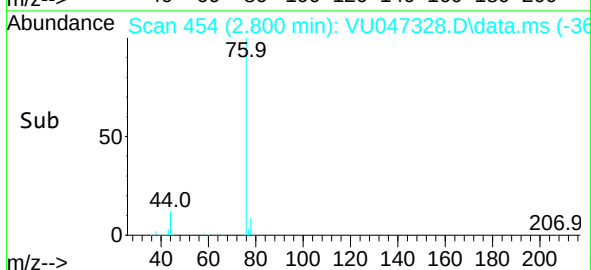
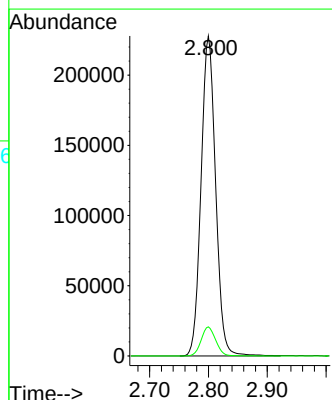
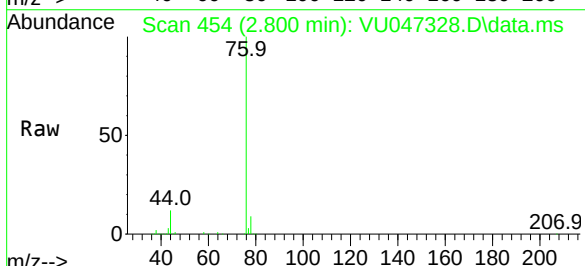
Acq: 04 Mar 2022 13:51

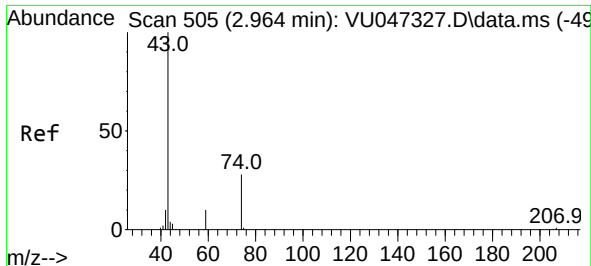
Tgt Ion: 76 Resp: 390829

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

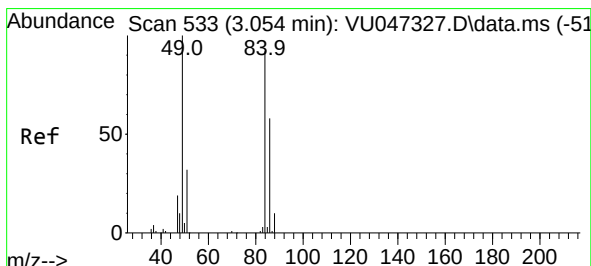
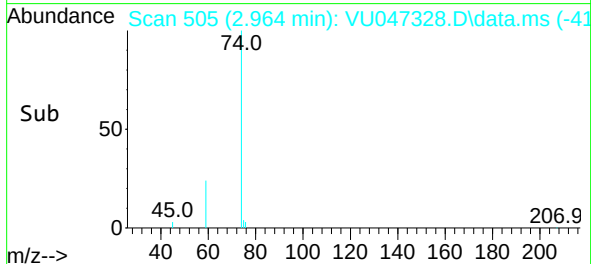
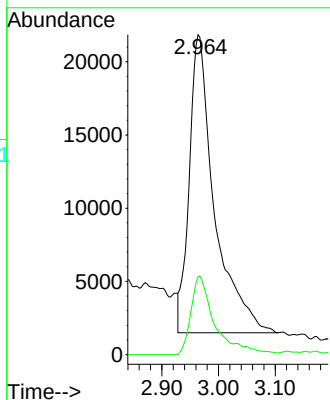
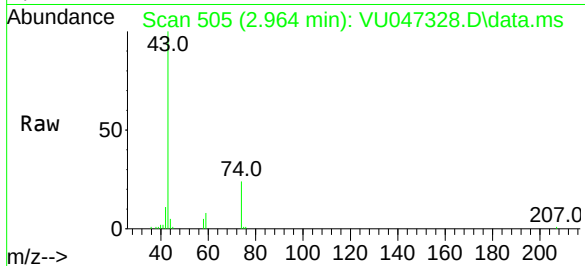




#15
Methyl Acetate
Concen: 13.720 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.000 min
Lab File: VU047328.D
Acq: 04 Mar 2022 13:51

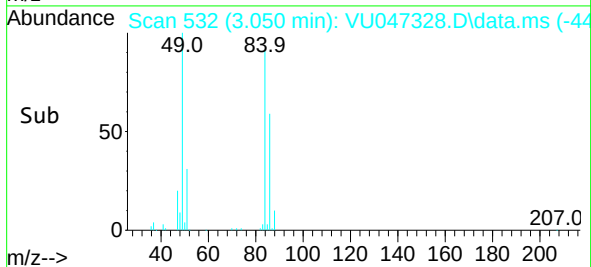
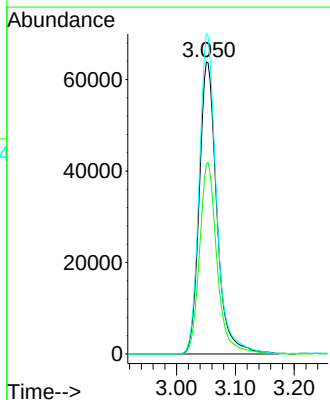
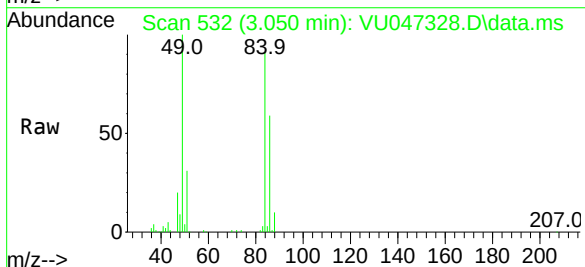
Instrument :
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ClientSampleId :
VSTD010010

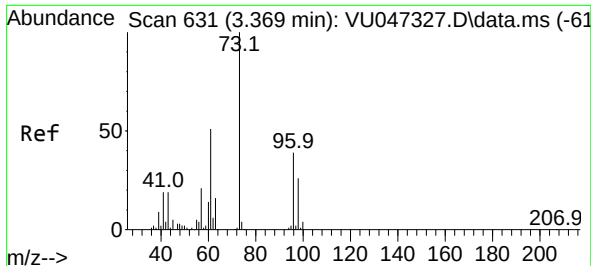
Tgt Ion: 43 Resp: 62787
Ion Ratio Lower Upper
43 100
74 22.3 19.1 28.7



#16
Methylene chloride
Concen: 9.903 ug/L
RT: 3.050 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU047328.D
Acq: 04 Mar 2022 13:51

Tgt Ion: 84 Resp: 132536
Ion Ratio Lower Upper
84 100
86 65.0 45.8 85.0
49 109.6 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 10.582 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU047328.D

Acq: 04 Mar 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

VSTD010010

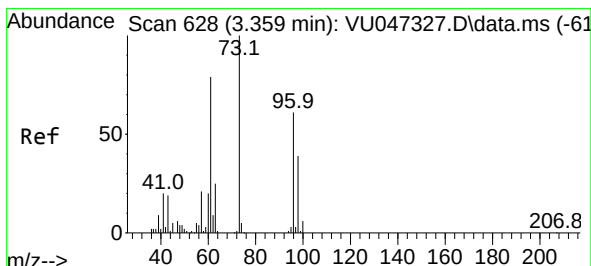
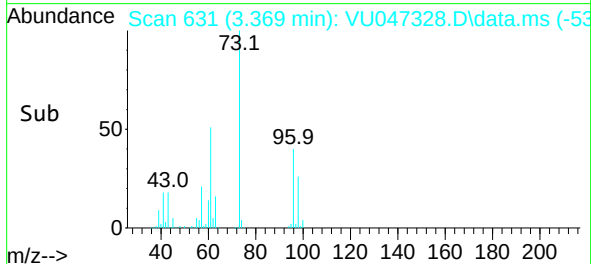
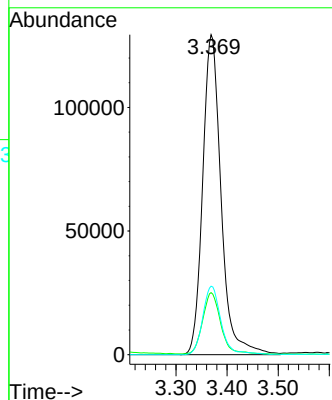
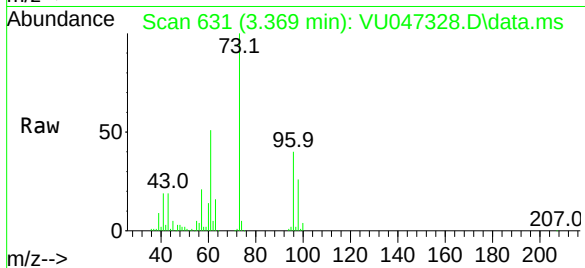
Tgt Ion: 73 Resp: 323637

Ion Ratio Lower Upper

73 100

43 19.0 14.8 22.2

57 21.2 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 10.721 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU047328.D

Acq: 04 Mar 2022 13:51

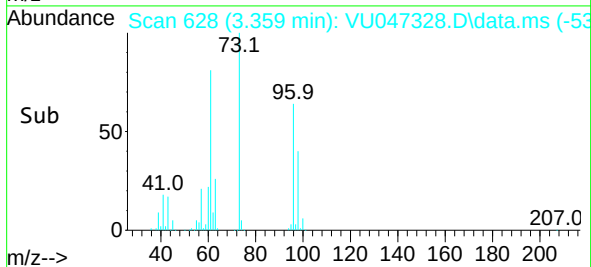
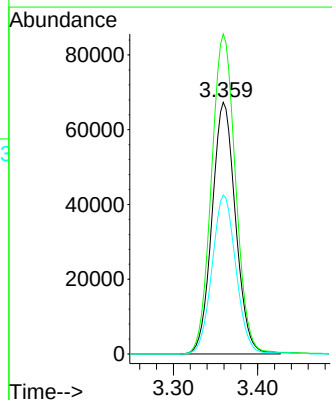
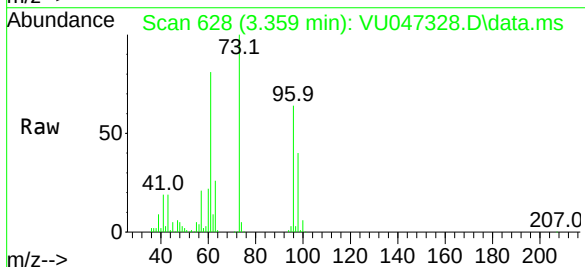
Tgt Ion: 96 Resp: 130504

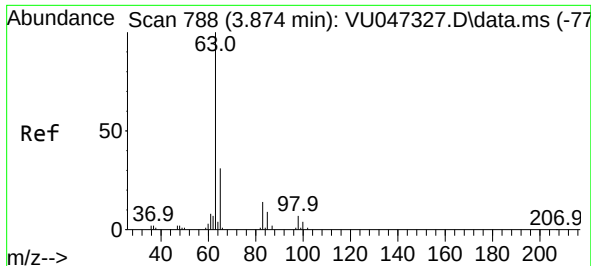
Ion Ratio Lower Upper

96 100

61 127.2 100.8 187.2

98 63.2 45.1 83.7





#19

1,1-Dichloroethane

Concen: 10.817 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU047328.D

Acq: 04 Mar 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

VSTD010010

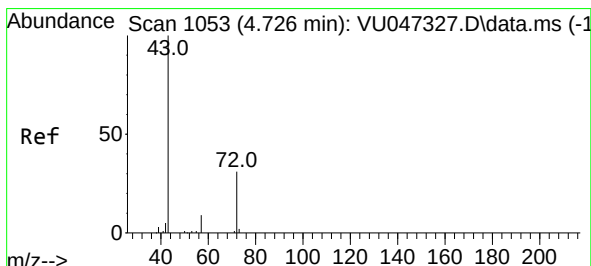
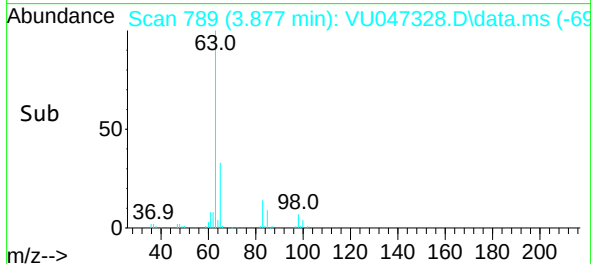
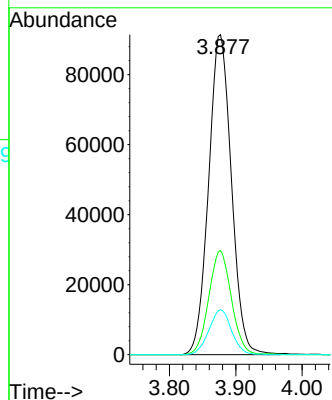
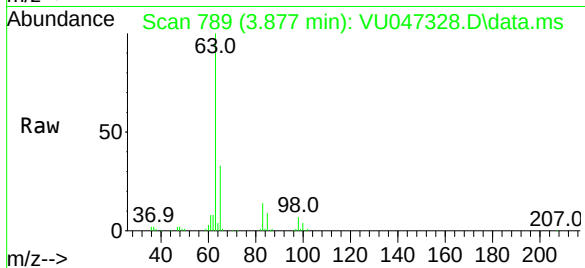
Tgt Ion: 63 Resp: 218390

Ion Ratio Lower Upper

63 100

65 32.5 22.3 41.5

83 14.1 9.6 17.8



#21

2-Butanone

Concen: 109.042 ug/L

RT: 4.729 min Scan# 1054

Delta R.T. 0.003 min

Lab File: VU047328.D

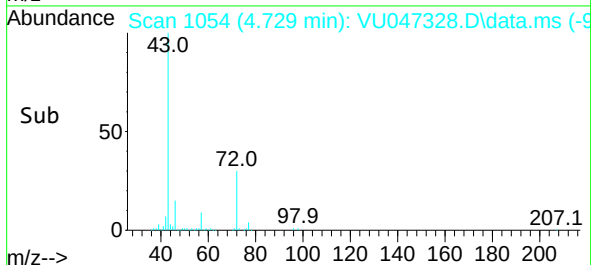
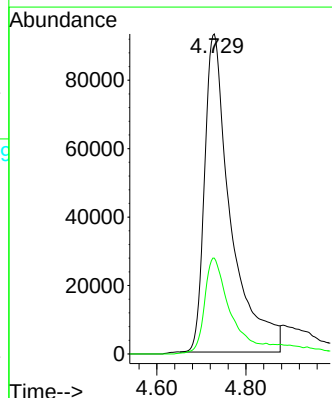
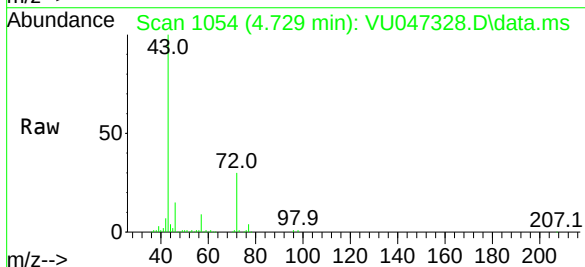
Acq: 04 Mar 2022 13:51

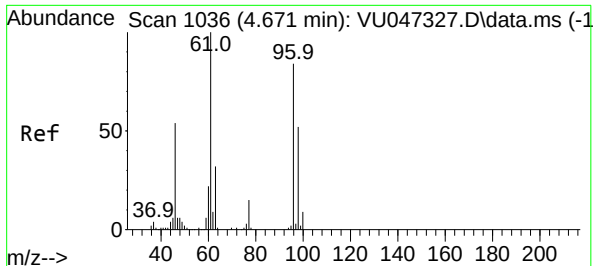
Tgt Ion: 43 Resp: 378605

Ion Ratio Lower Upper

43 100

72 29.4 14.1 42.3





#22

cis-1,2-Dichloroethene

Concen: 10.704 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047328.D

Acq: 04 Mar 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

VSTD010010

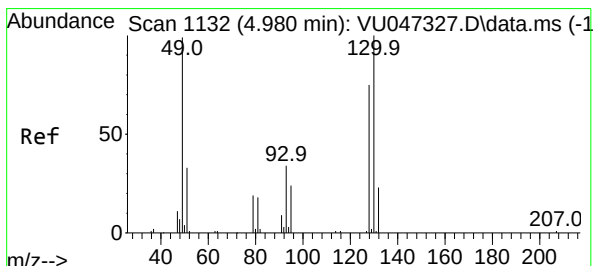
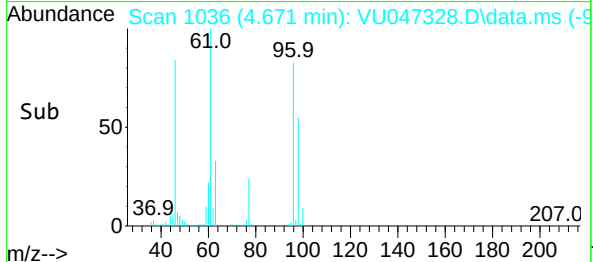
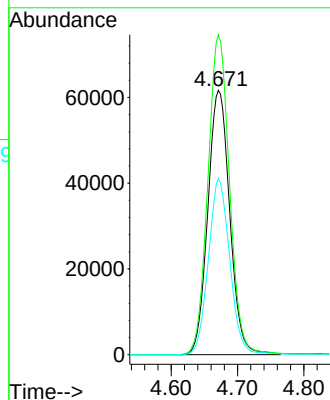
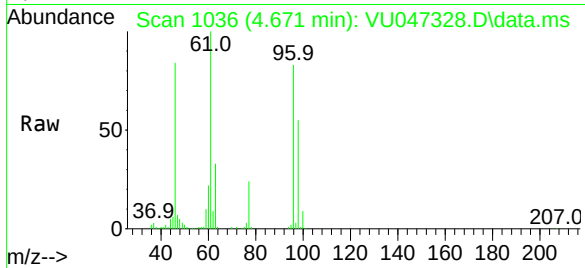
Tgt Ion: 96 Resp: 141865

Ion Ratio Lower Upper

96 100

61 121.1 88.5 164.3

98 66.7 44.4 82.5



#23

Bromochloromethane

Concen: 11.014 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU047328.D

Acq: 04 Mar 2022 13:51

Tgt Ion:128 Resp: 72145

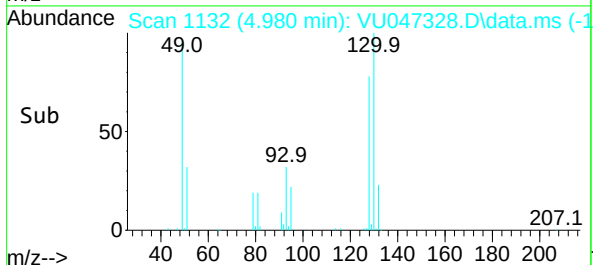
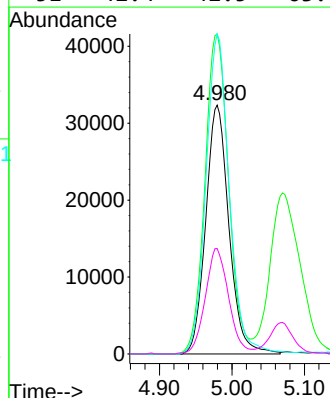
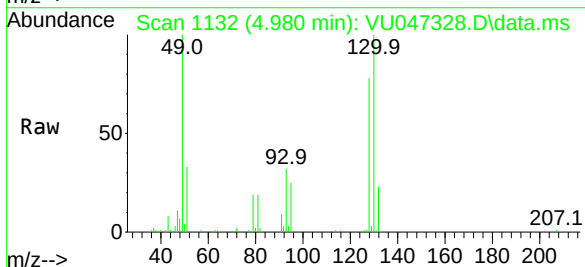
Ion Ratio Lower Upper

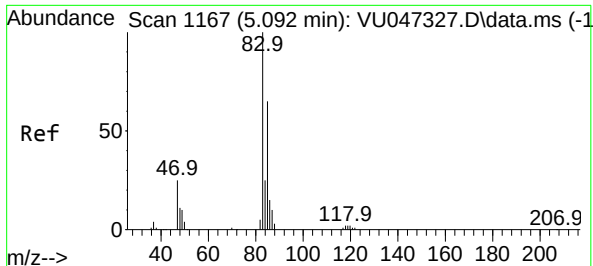
128 100

49 128.6 117.0 217.2

130 128.6 88.2 163.8

51 42.4 42.5 63.7#





#25

Chloroform

Concen: 10.345 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047328.D

Acq: 04 Mar 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

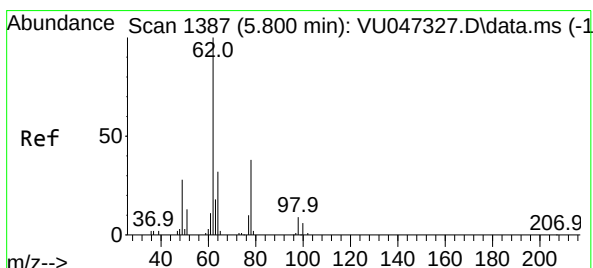
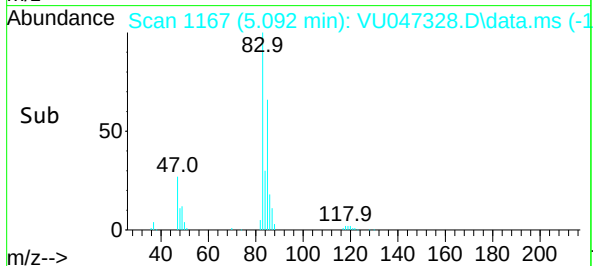
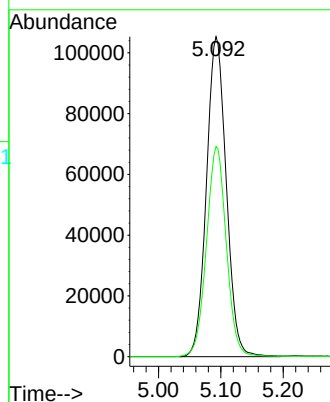
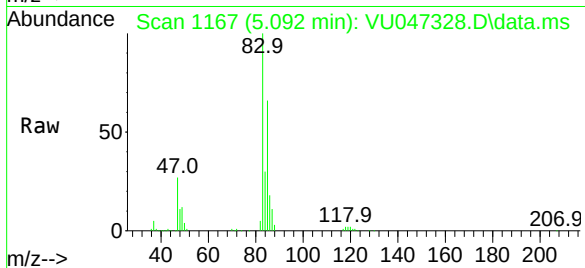
VSTD010010

Tgt Ion: 83 Resp: 232403

Ion Ratio Lower Upper

83 100

85 65.7 46.9 87.1



#27

1,2-Dichloroethane

Concen: 10.537 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.004 min

Lab File: VU047328.D

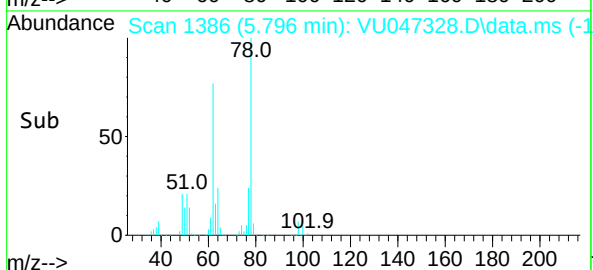
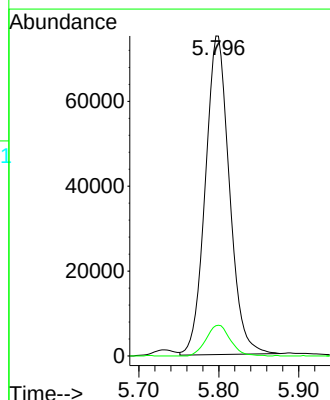
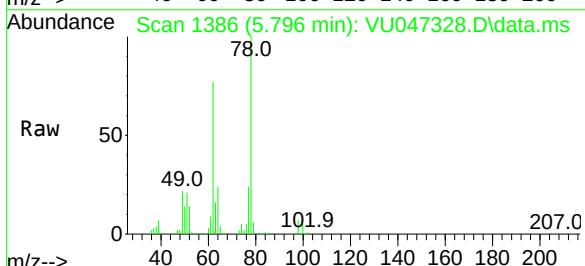
Acq: 04 Mar 2022 13:51

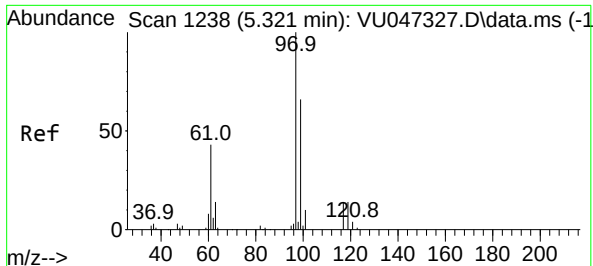
Tgt Ion: 62 Resp: 157036

Ion Ratio Lower Upper

62 100

98 9.5 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 11.272 ug/L

RT: 5.320 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU047328.D

Acq: 04 Mar 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

VSTD010010

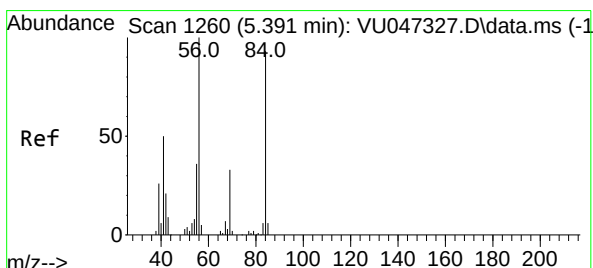
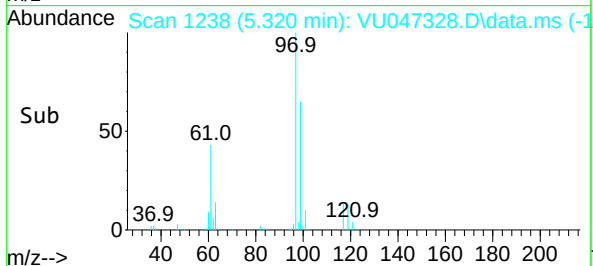
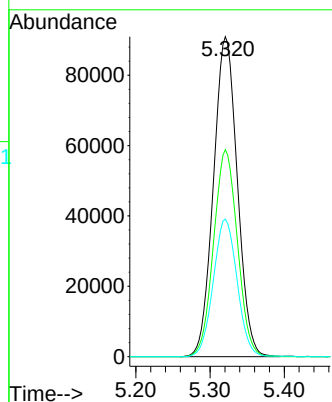
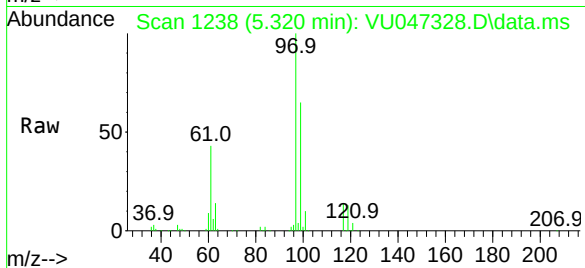
Tgt Ion: 97 Resp: 203481

Ion Ratio Lower Upper

97 100

99 64.5 51.3 76.9

61 42.9 36.1 54.1



#30

Cyclohexane

Concen: 11.941 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VU047328.D

Acq: 04 Mar 2022 13:51

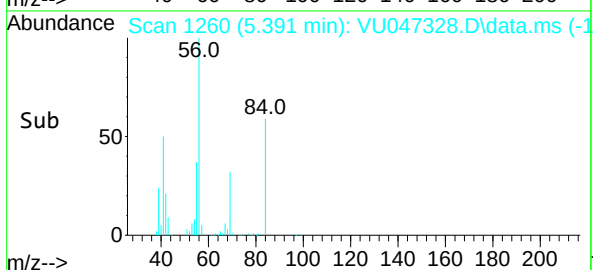
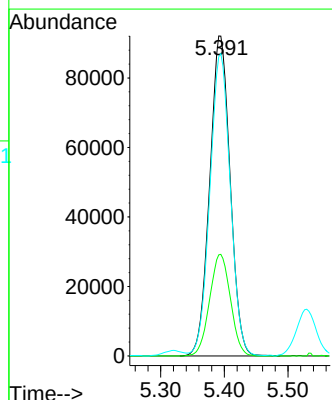
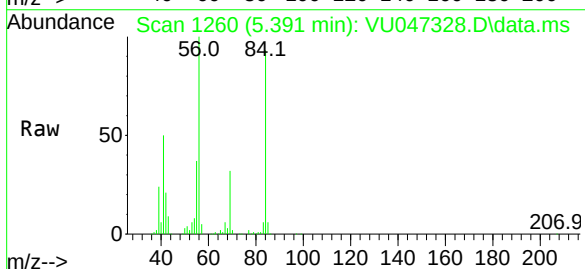
Tgt Ion: 56 Resp: 205368

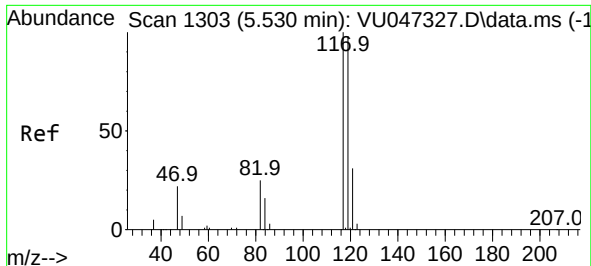
Ion Ratio Lower Upper

56 100

69 32.3 24.7 37.1

84 94.2 71.8 107.6

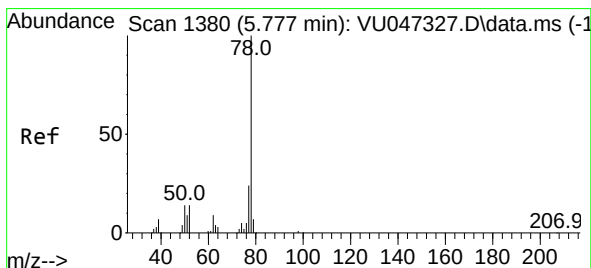
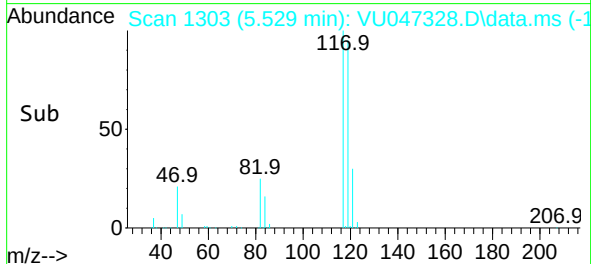
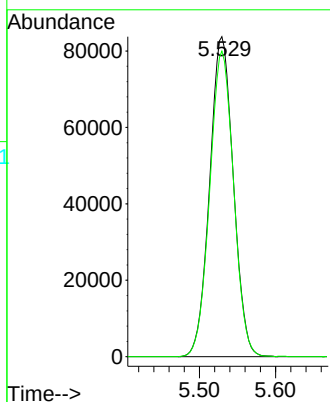
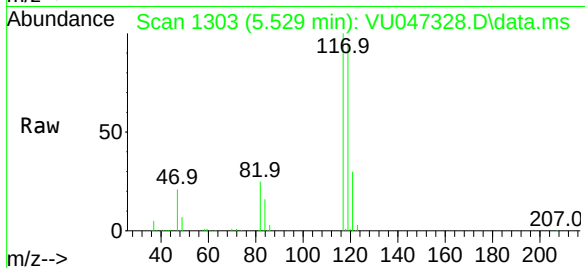




#31
Carbon tetrachloride
Concen: 11.707 ug/L
RT: 5.529 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU047328.D
Acq: 04 Mar 2022 13:51

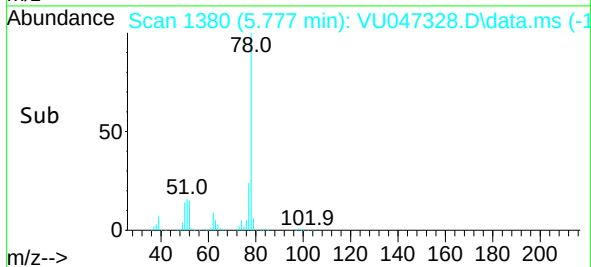
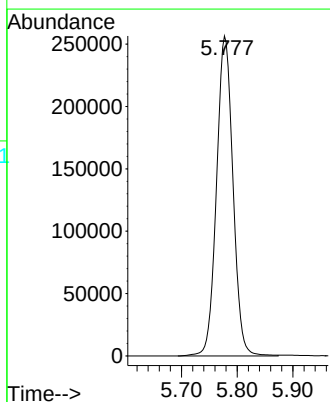
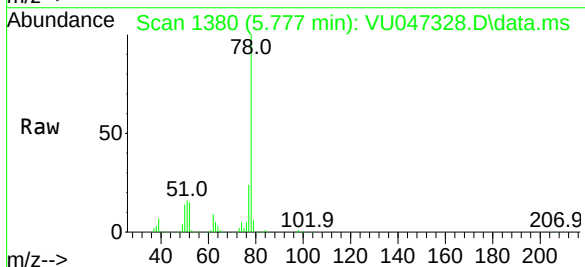
Instrument :
MSVOA_U
ClientSampleId :
VSTD010010

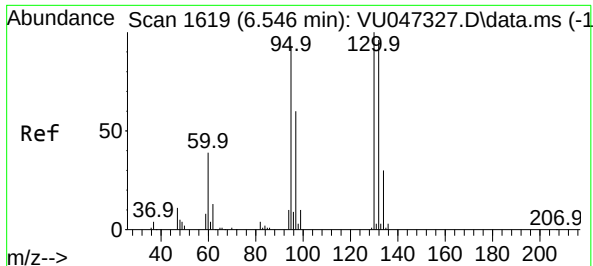
Tgt Ion:117 Resp: 180993
Ion Ratio Lower Upper
117 100
119 96.2 77.5 116.3



#33
Benzene
Concen: 10.530 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047328.D
Acq: 04 Mar 2022 13:51

Tgt Ion: 78 Resp: 526635





#34

Trichloroethene

Concen: 11.006 ug/L

RT: 6.545 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047328.D

Acq: 04 Mar 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

VSTD010010

Tgt Ion: 95 Resp: 142688

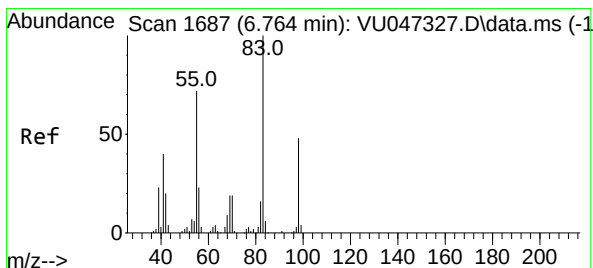
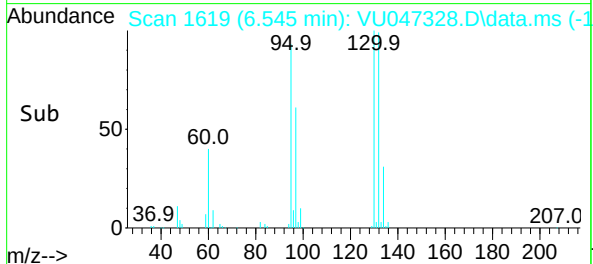
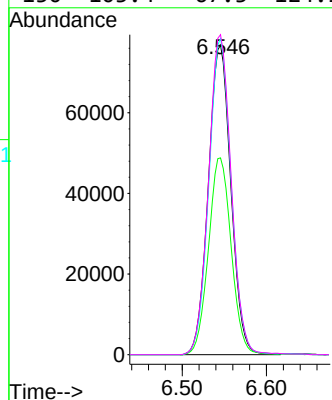
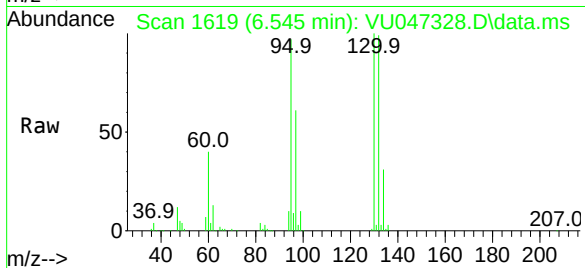
Ion Ratio Lower Upper

95 100

97 63.6 46.5 86.5

132 102.1 65.1 120.9

130 103.4 67.3 124.9



#35

Methylcyclohexane

Concen: 12.800 ug/L

RT: 6.767 min Scan# 1688

Delta R.T. 0.003 min

Lab File: VU047328.D

Acq: 04 Mar 2022 13:51

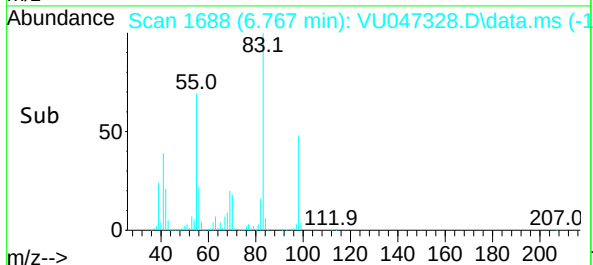
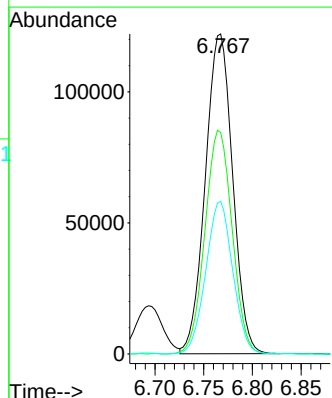
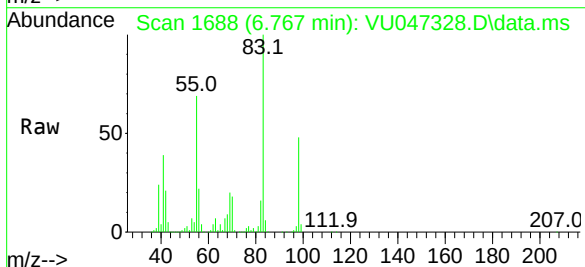
Tgt Ion: 83 Resp: 238329

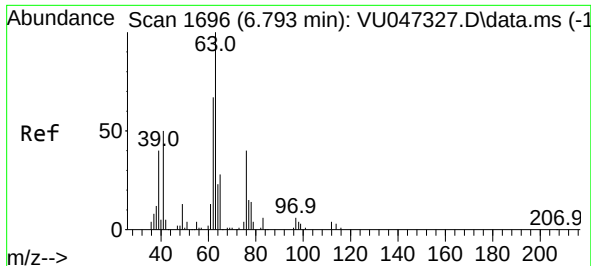
Ion Ratio Lower Upper

83 100

55 69.7 61.9 92.9

98 47.1 39.0 58.6





#37

1,2-Dichloropropane

Concen: 10.406 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047328.D

Acq: 04 Mar 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

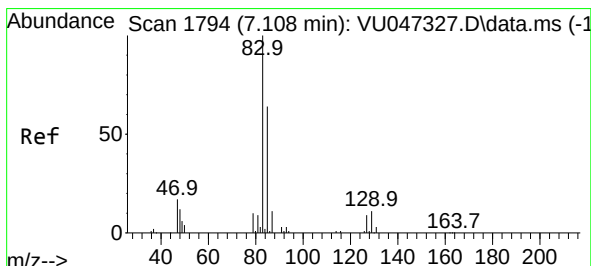
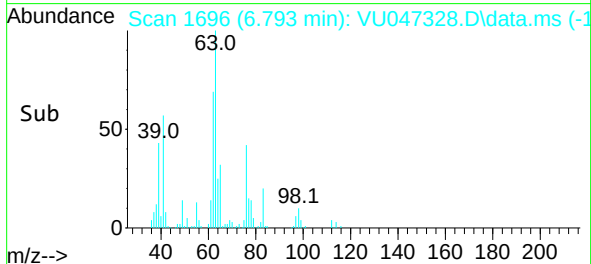
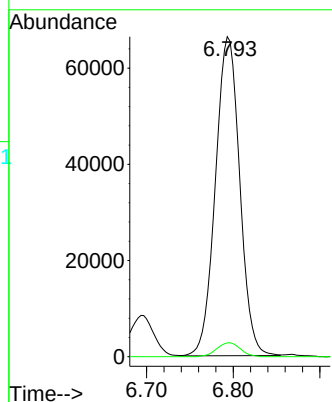
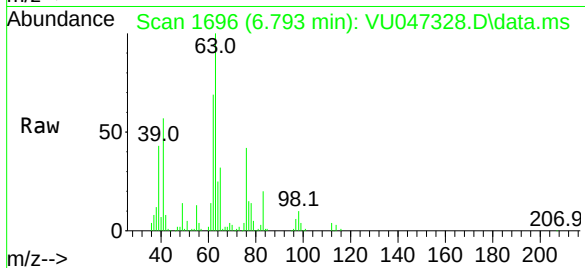
VSTD010010

Tgt Ion: 63 Resp: 129462

Ion Ratio Lower Upper

63 100

112 4.3 3.2 4.8



#38

Bromodichloromethane

Concen: 10.770 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU047328.D

Acq: 04 Mar 2022 13:51

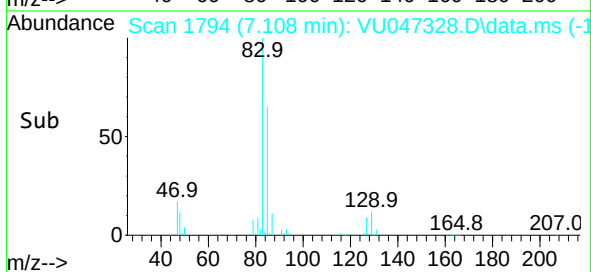
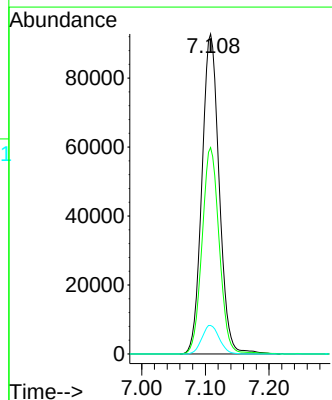
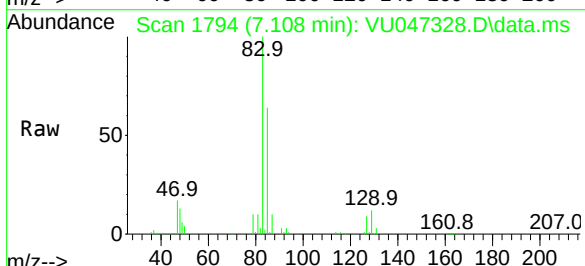
Tgt Ion: 83 Resp: 174838

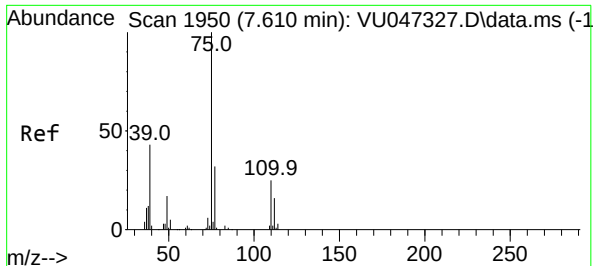
Ion Ratio Lower Upper

83 100

85 64.5 44.0 81.8

127 8.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 11.047 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047328.D

Acq: 04 Mar 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

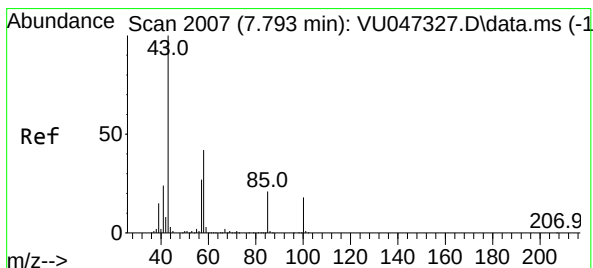
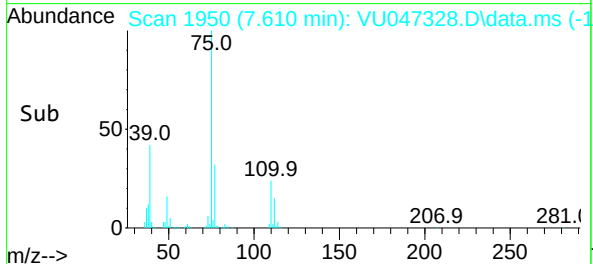
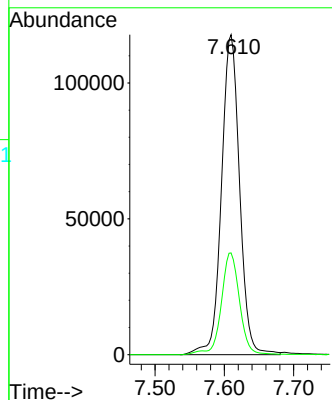
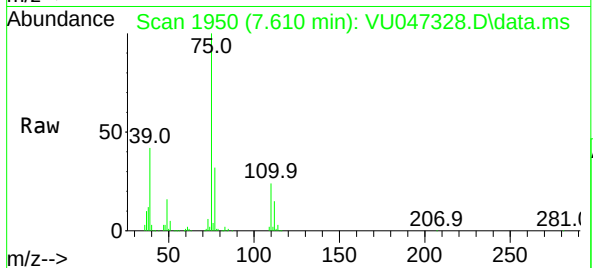
VSTD010010

Tgt Ion: 75 Resp: 214306

Ion Ratio Lower Upper

75 100

77 31.8 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 108.462 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU047328.D

Acq: 04 Mar 2022 13:51

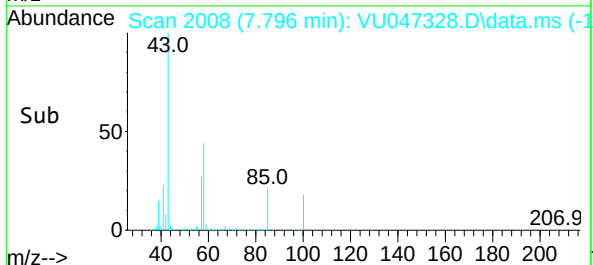
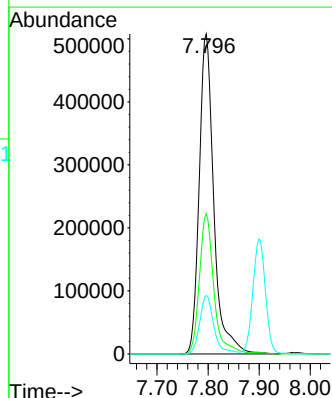
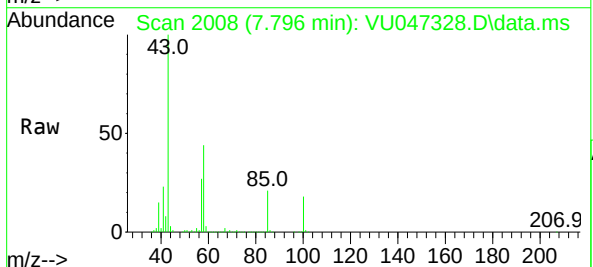
Tgt Ion: 43 Resp: 1007476

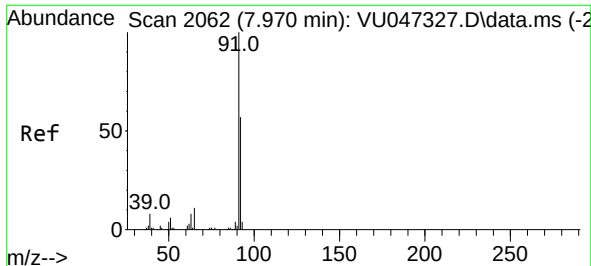
Ion Ratio Lower Upper

43 100

58 43.3 33.1 49.7

100 17.8 13.2 19.8





#42

Toluene

Concen: 10.763 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU047328.D

Acq: 04 Mar 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

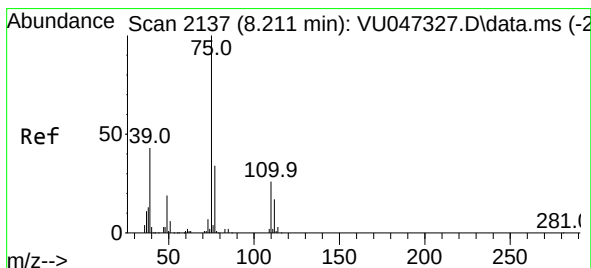
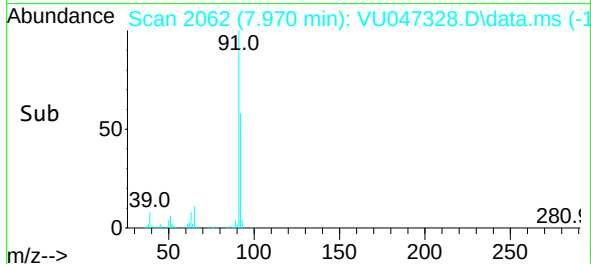
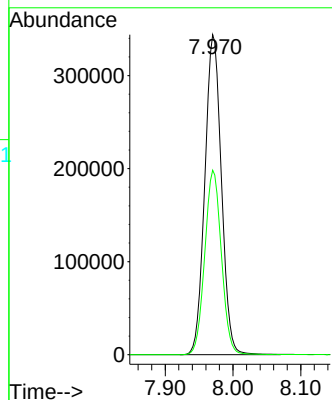
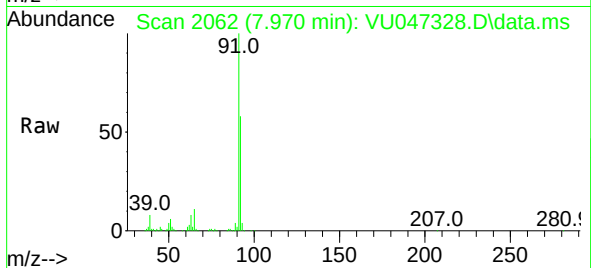
VSTD010010

Tgt Ion: 91 Resp: 584120

Ion Ratio Lower Upper

91 100

92 57.6 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 11.470 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU047328.D

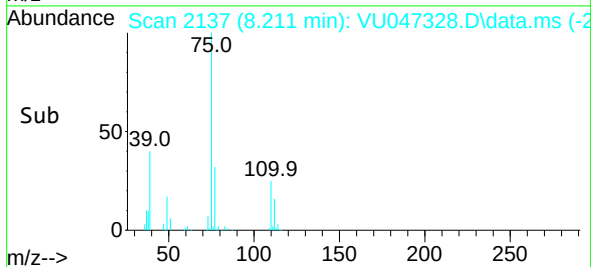
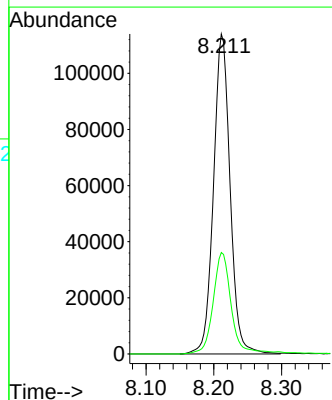
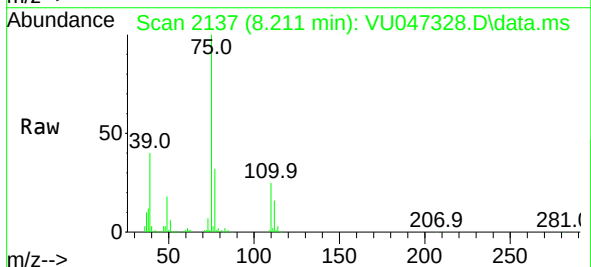
Acq: 04 Mar 2022 13:51

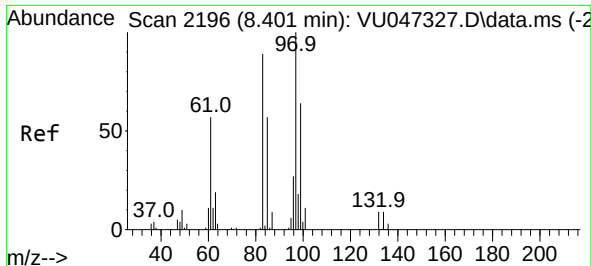
Tgt Ion: 75 Resp: 194306

Ion Ratio Lower Upper

75 100

77 31.7 22.7 42.3



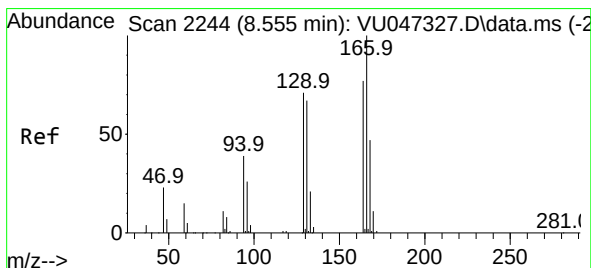
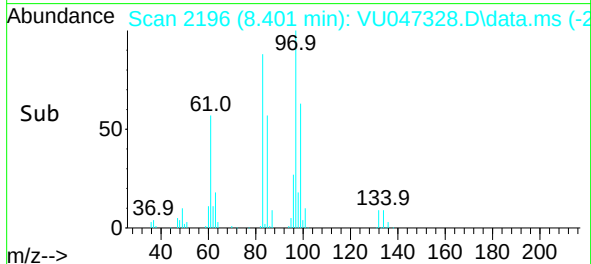
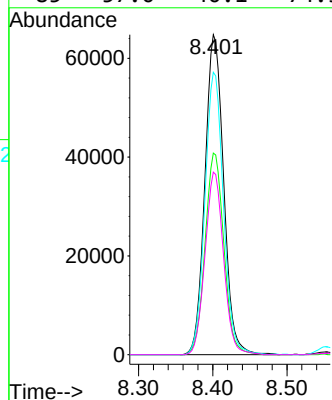
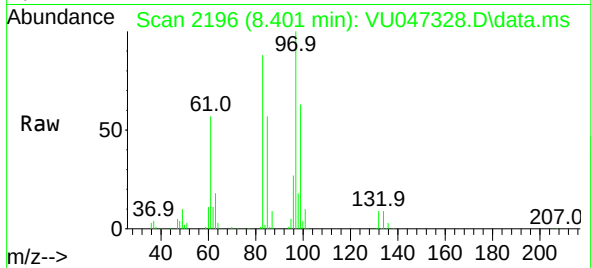


#45
1,1,2-Trichloroethane
Concen: 10.625 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU047328.D
Acq: 04 Mar 2022 13:51

Instrument :
MSVOA_U
ClientSampleId :
VSTD010010

Tgt Ion: 97 Resp: 113721

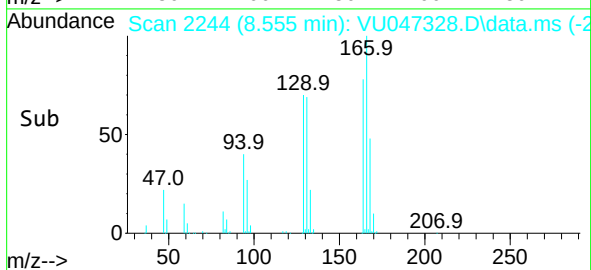
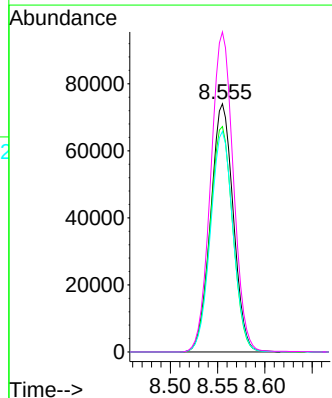
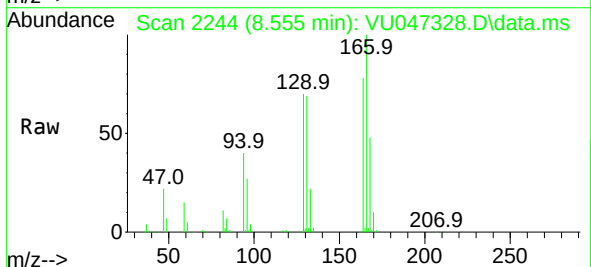
Ion	Ratio	Lower	Upper
97	100		
99	63.0	42.3	78.5
83	88.3	62.0	115.2
85	57.0	40.1	74.5

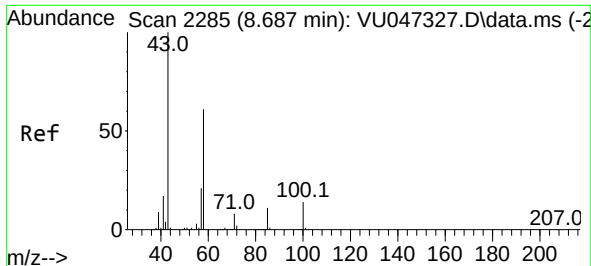


#47
Tetrachloroethene
Concen: 11.315 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047328.D
Acq: 04 Mar 2022 13:51

Tgt Ion: 164 Resp: 123342

Ion	Ratio	Lower	Upper
164	100		
129	90.8	71.8	133.4
131	88.9	68.5	127.3
166	128.9	94.1	174.8

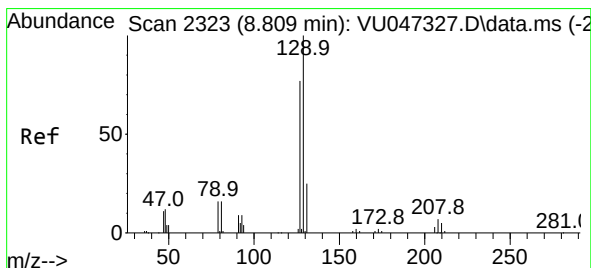
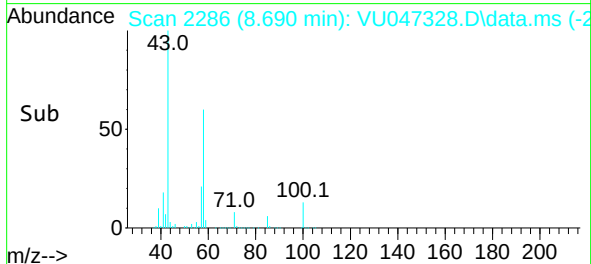
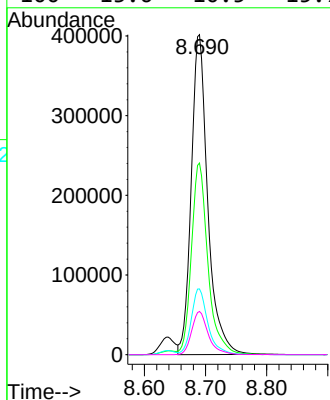
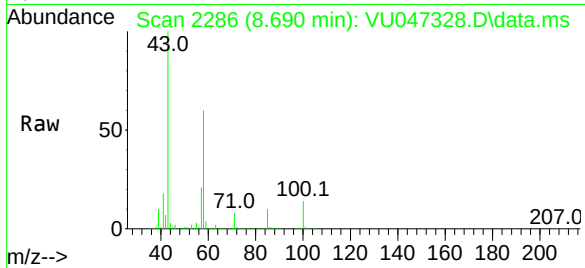




#48
2-Hexanone
Concen: 109.708 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047328.D
Acq: 04 Mar 2022 13:51

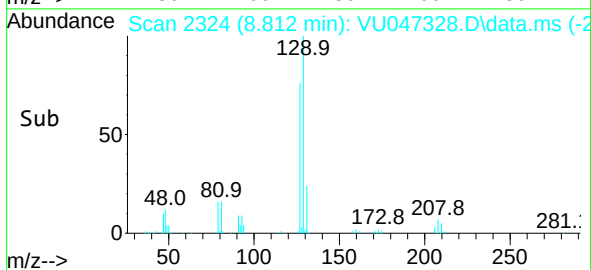
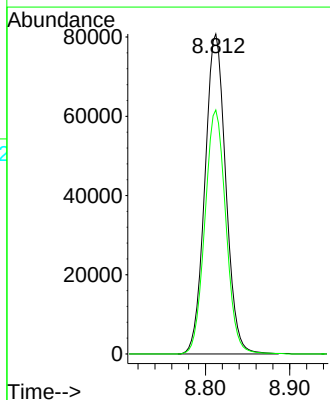
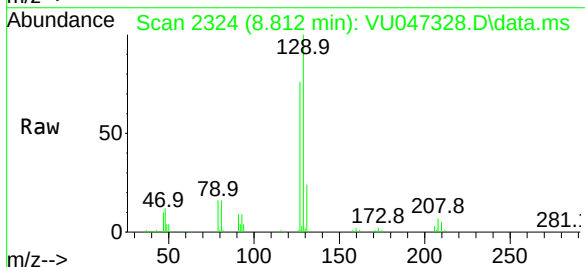
Instrument :
MSVOA_U
ClientSampleId :
VSTD010010

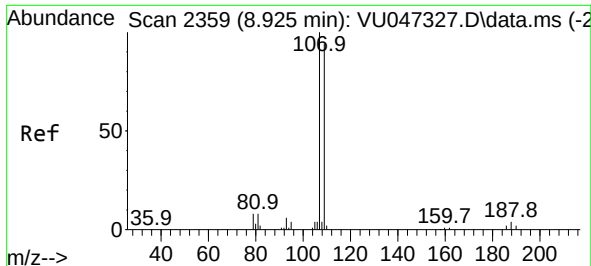
Tgt Ion: 43 Resp: 753098
Ion Ratio Lower Upper
43 100
58 60.1 46.7 70.1
57 20.7 16.3 24.5
100 13.6 10.5 15.7



#49
Dibromochloromethane
Concen: 11.388 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU047328.D
Acq: 04 Mar 2022 13:51

Tgt Ion: 129 Resp: 139219
Ion Ratio Lower Upper
129 100
127 76.3 55.4 102.8

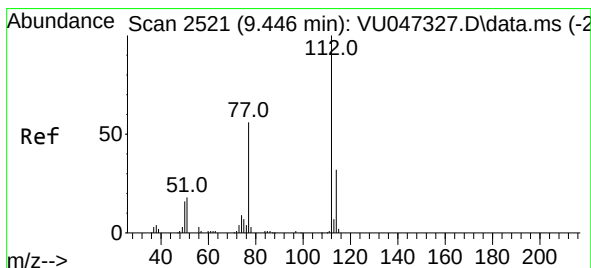
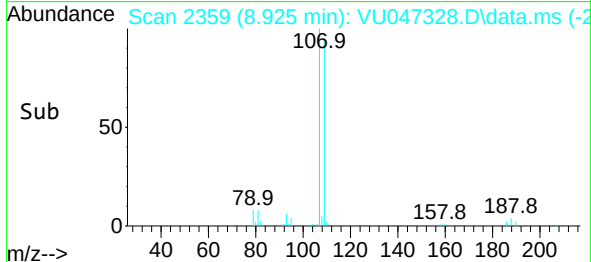
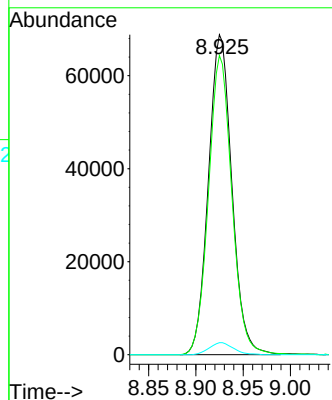
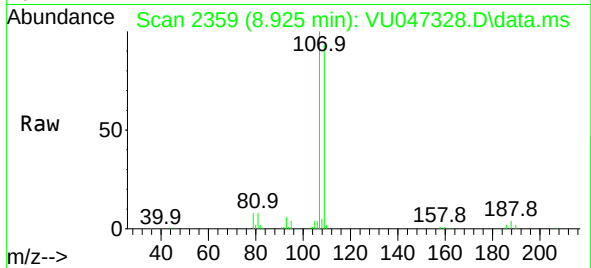




#50
 1,2-Dibromoethane
 Concen: 10.963 ug/L
 RT: 8.925 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU047328.D
 Acq: 04 Mar 2022 13:51

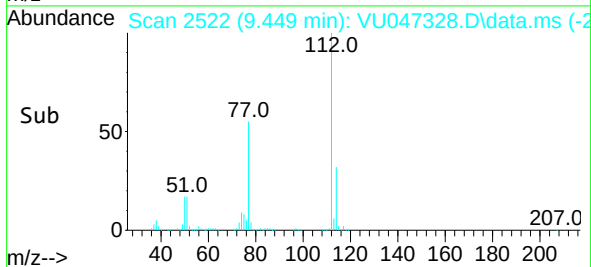
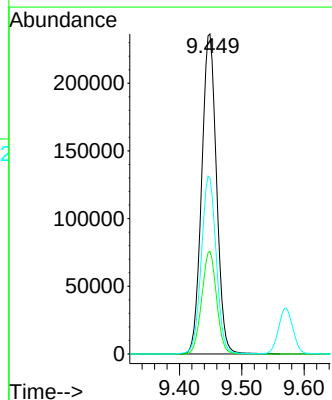
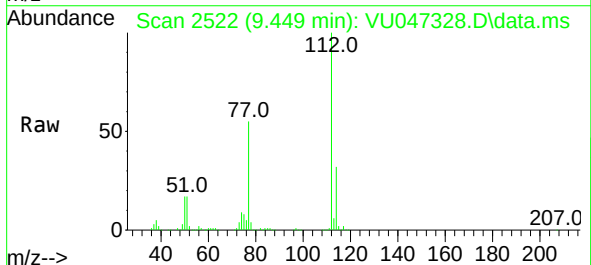
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010010

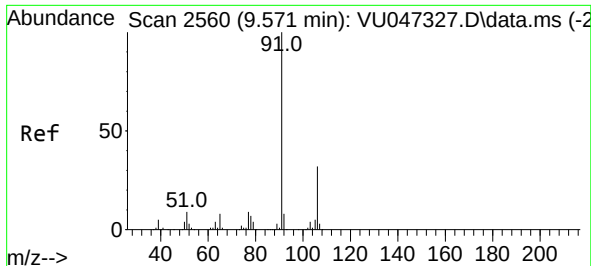
Tgt Ion:107 Resp: 118420
 Ion Ratio Lower Upper
 107 100
 109 93.5 64.0 119.0
 188 3.8 2.4 3.6#



#51
 Chlorobenzene
 Concen: 10.698 ug/L
 RT: 9.449 min Scan# 2522
 Delta R.T. 0.003 min
 Lab File: VU047328.D
 Acq: 04 Mar 2022 13:51

Tgt Ion:112 Resp: 391452
 Ion Ratio Lower Upper
 112 100
 114 32.1 22.1 41.1
 77 54.9 48.3 72.5

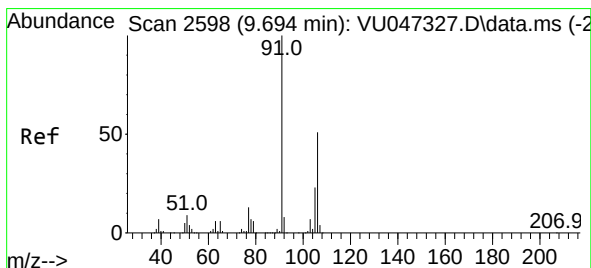
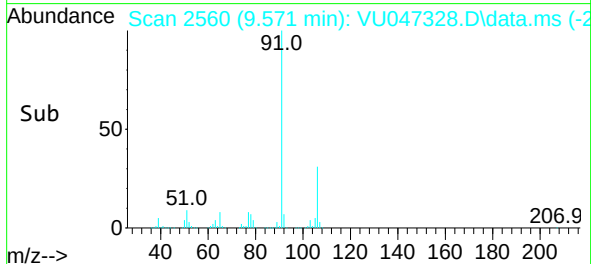
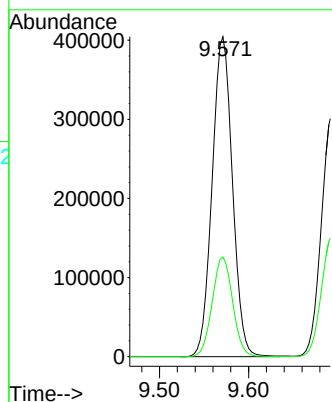
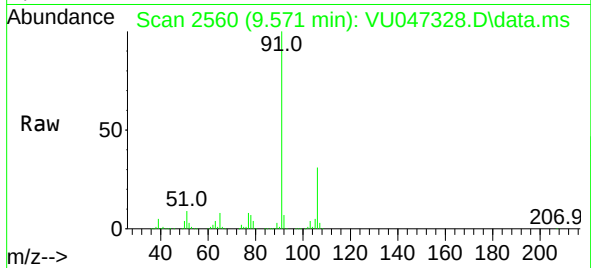




#52
Ethylbenzene
Concen: 11.290 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047328.D
Acq: 04 Mar 2022 13:51

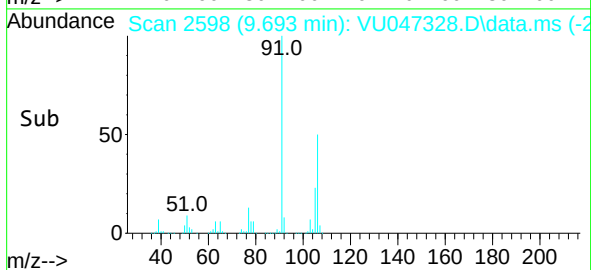
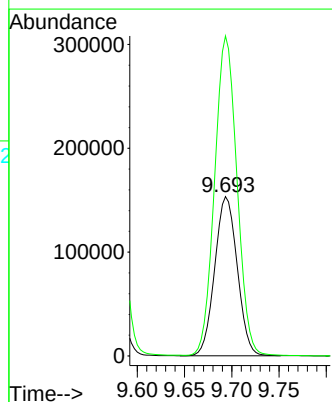
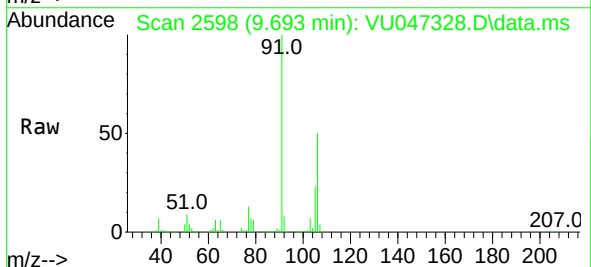
Instrument :
MSVOA_U
ClientSampleId :
VSTD010010

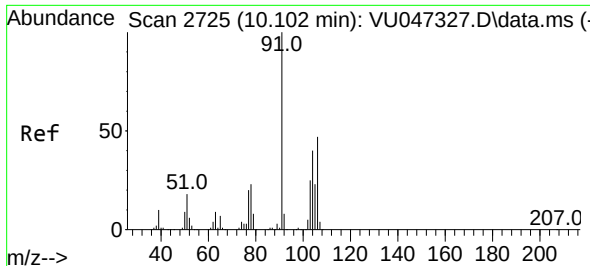
Tgt Ion: 91 Resp: 640053
Ion Ratio Lower Upper
91 100
106 31.2 21.5 39.9



#53
m,p-Xylene
Concen: 11.198 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU047328.D
Acq: 04 Mar 2022 13:51

Tgt Ion: 106 Resp: 253984
Ion Ratio Lower Upper
106 100
91 200.8 139.4 259.0

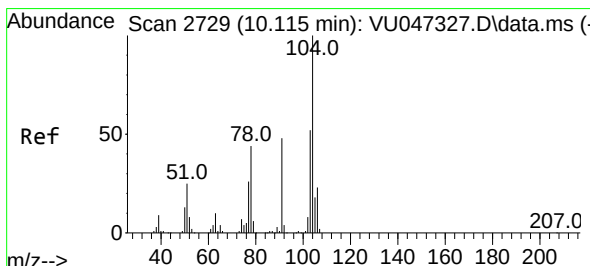
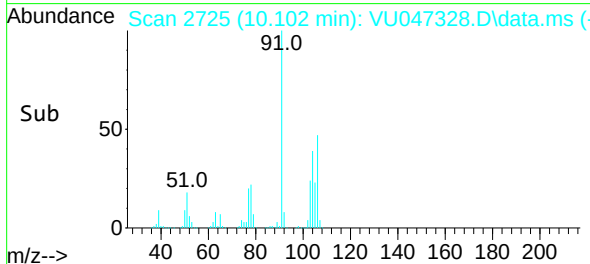
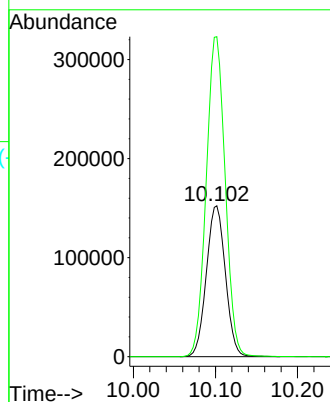
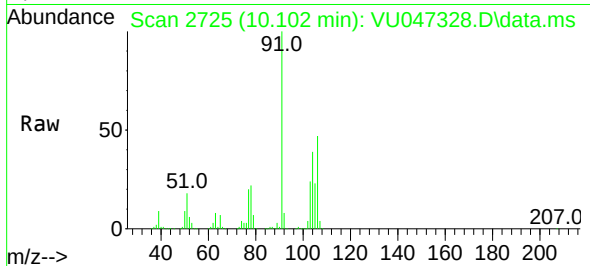




#54
o-Xylene
Concen: 11.271 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047328.D
Acq: 04 Mar 2022 13:51

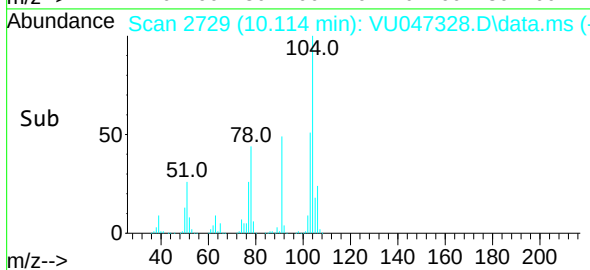
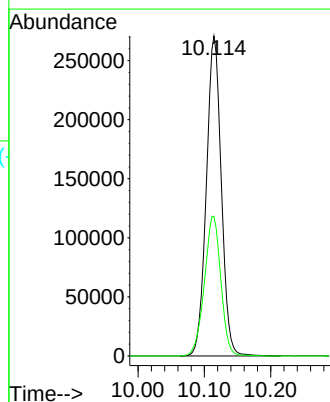
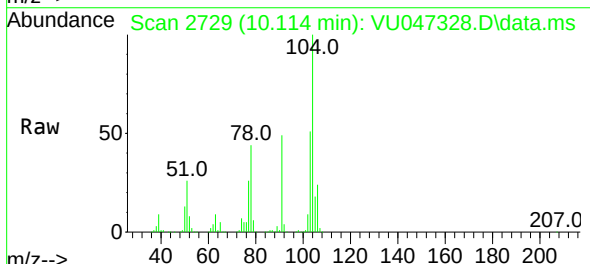
Instrument :
MSVOA_U
ClientSampleId :
VSTD010010

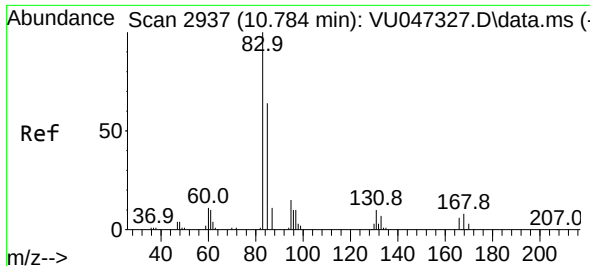
Tgt Ion:106 Resp: 245705
Ion Ratio Lower Upper
106 100
91 212.0 147.5 273.9



#55
Styrene
Concen: 11.660 ug/L
RT: 10.114 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047328.D
Acq: 04 Mar 2022 13:51

Tgt Ion:104 Resp: 425229
Ion Ratio Lower Upper
104 100
78 43.6 33.0 61.4

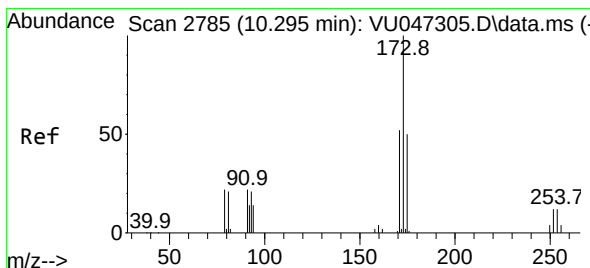
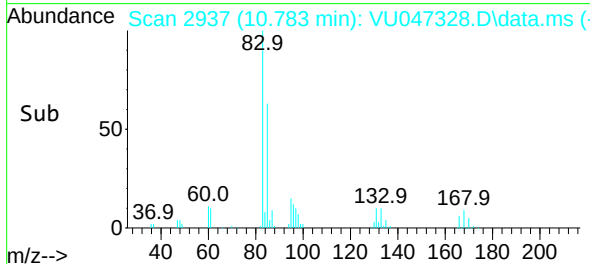
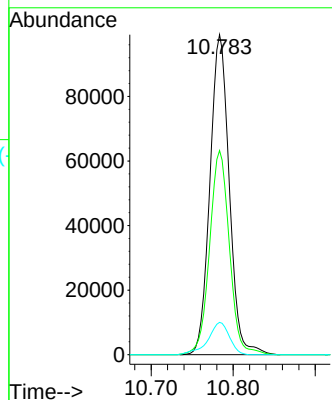
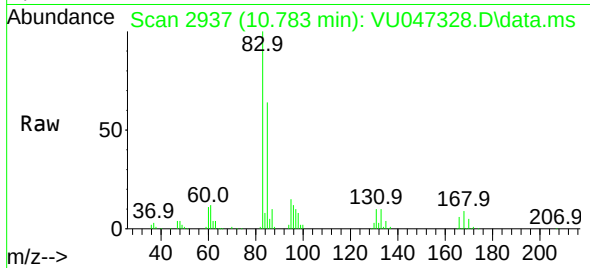




#57
 1,1,2,2-Tetrachloroethane
 Concen: 11.197 ug/L
 RT: 10.783 min Scan# 2937
 Delta R.T. -0.000 min
 Lab File: VU047328.D
 Acq: 04 Mar 2022 13:51

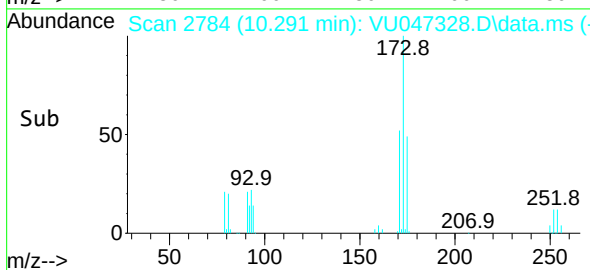
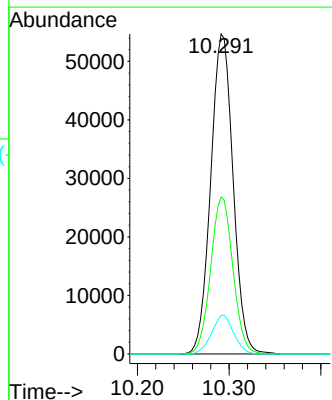
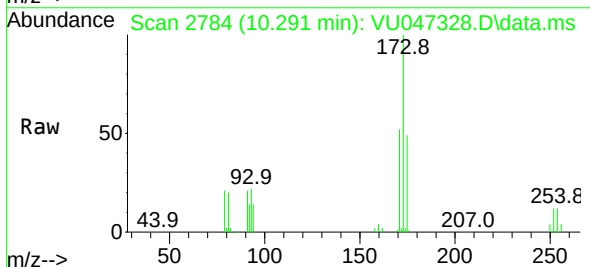
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010010

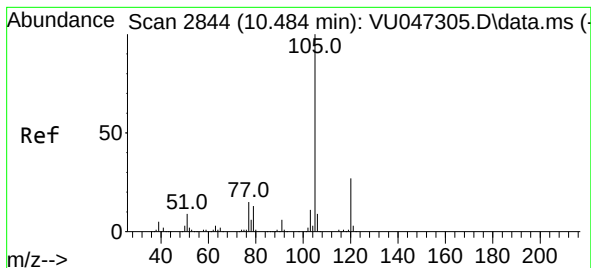
Tgt Ion: 83 Resp: 162464
 Ion Ratio Lower Upper
 83 100
 85 63.8 47.9 89.1
 131 10.1 8.1 12.1



#59
 Bromoform
 Concen: 10.217 ug/L
 RT: 10.291 min Scan# 2784
 Delta R.T. -0.000 min
 Lab File: VU047328.D
 Acq: 04 Mar 2022 13:51

Tgt Ion:173 Resp: 92647
 Ion Ratio Lower Upper
 173 100
 175 48.7 37.8 56.6
 254 11.9 7.3 10.9#





#60

Isopropylbenzene

Concen: 10.123 ug/L

RT: 10.484 min Scan# 2844

Delta R.T. -0.000 min

Lab File: VU047328.D

Acq: 04 Mar 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

VSTD010010

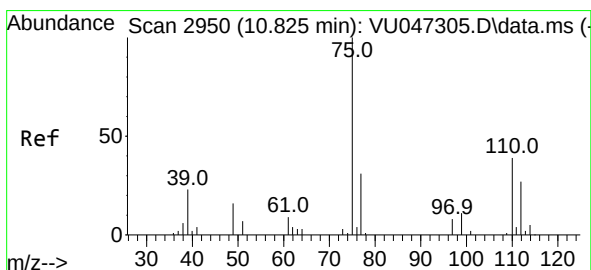
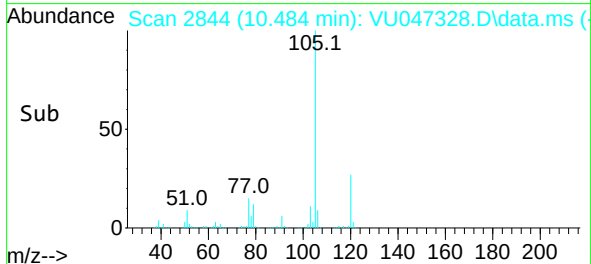
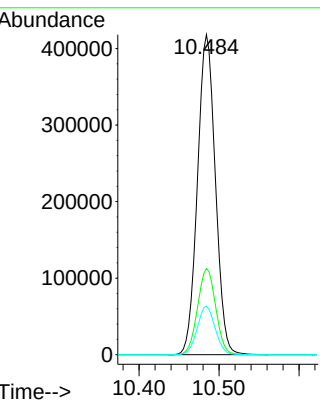
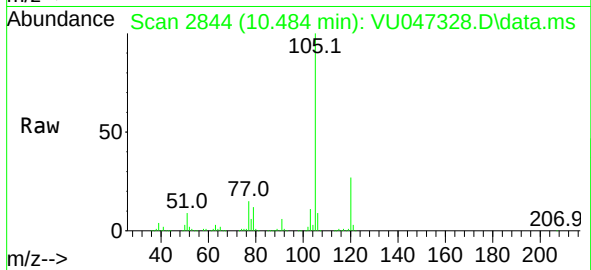
Tgt Ion:105 Resp: 650035

Ion Ratio Lower Upper

105 100

120 27.2 20.7 31.1

77 15.2 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 10.101 ug/L

RT: 10.825 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU047328.D

Acq: 04 Mar 2022 13:51

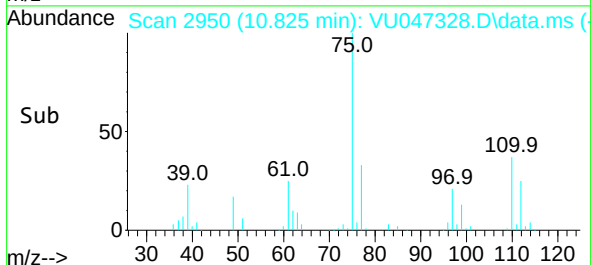
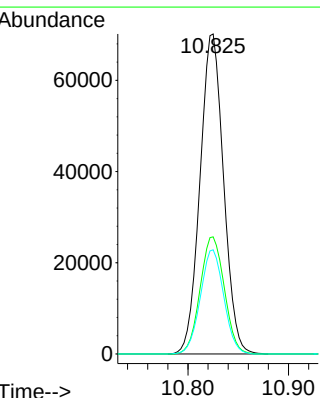
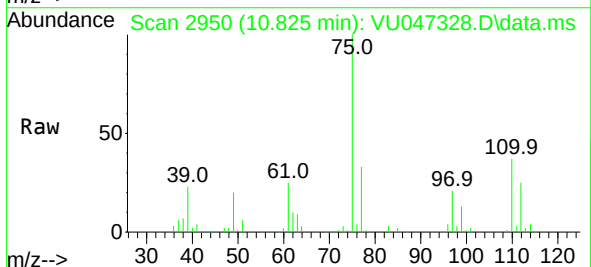
Tgt Ion: 75 Resp: 114155

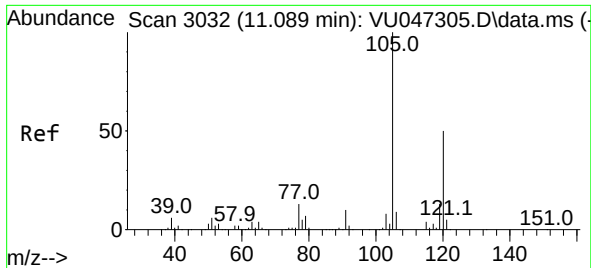
Ion Ratio Lower Upper

75 100

110 37.5 29.9 44.9

77 32.4 25.5 38.3

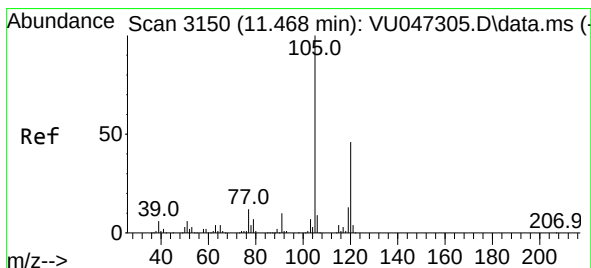
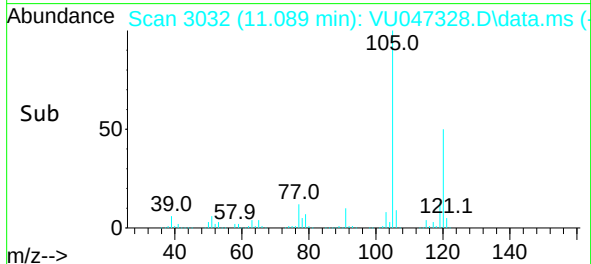
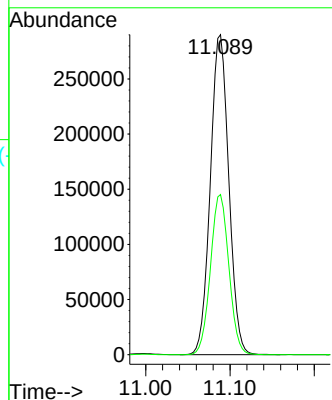
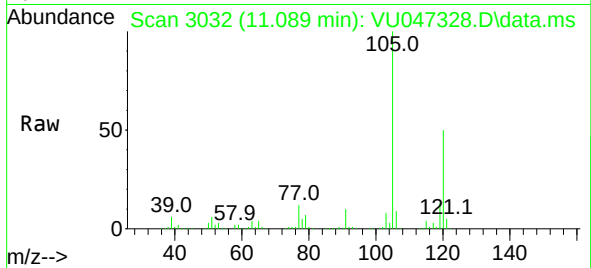




#62
1,3,5-Trimethylbenzene
Concen: 10.393 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047328.D
Acq: 04 Mar 2022 13:51

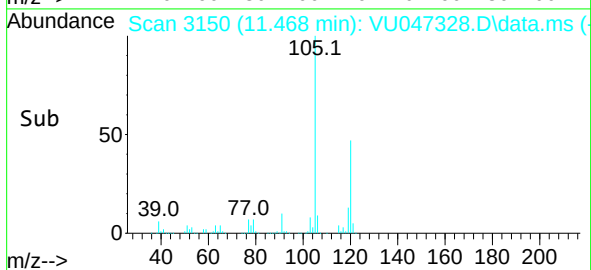
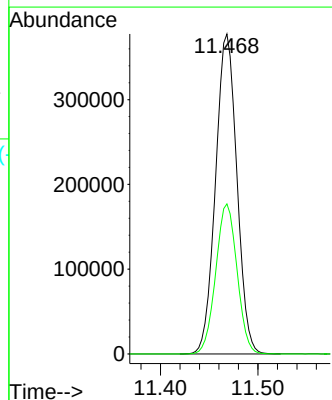
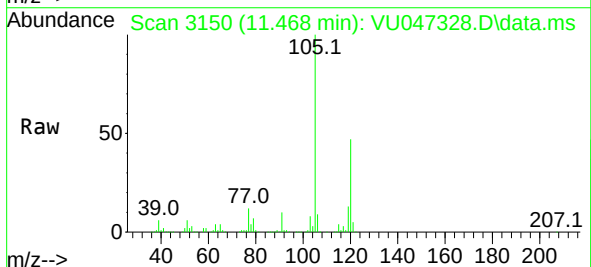
Instrument :
MSVOA_U
ClientSampleId :
VSTD010010

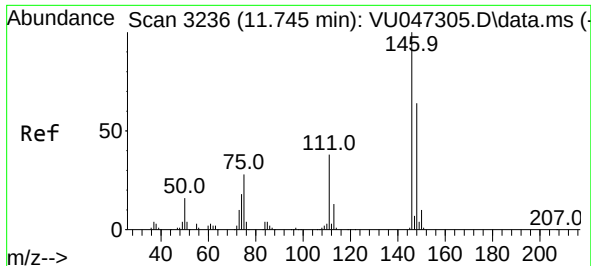
Tgt Ion:105 Resp: 441461
Ion Ratio Lower Upper
105 100
120 50.0 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 10.433 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047328.D
Acq: 04 Mar 2022 13:51

Tgt Ion:105 Resp: 574196
Ion Ratio Lower Upper
105 100
120 46.9 35.8 53.8

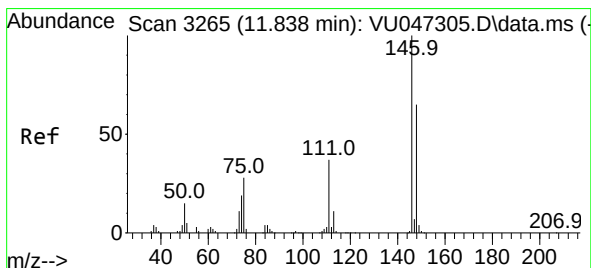
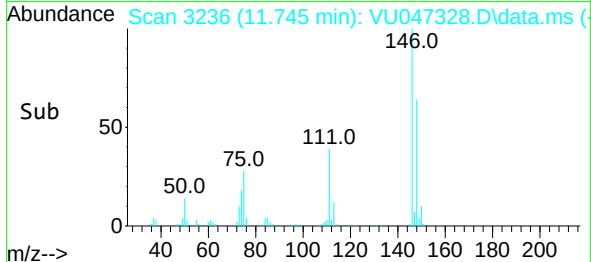
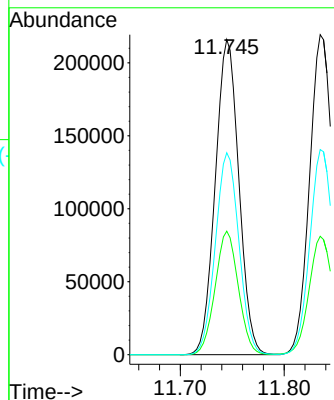
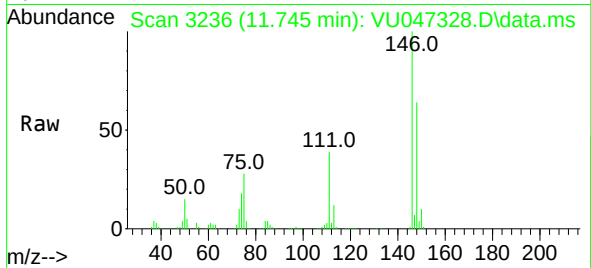




#64
1,3-Dichlorobenzene
Concen: 10.383 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047328.D
Acq: 04 Mar 2022 13:51

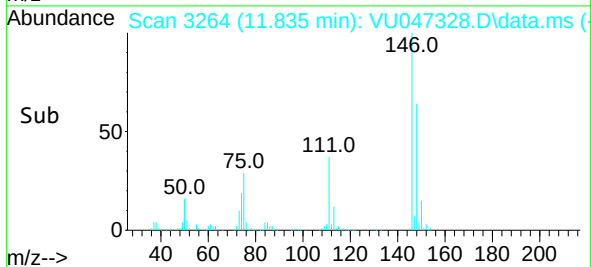
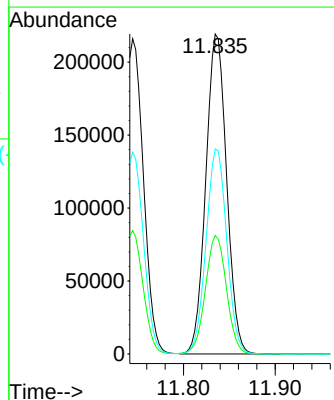
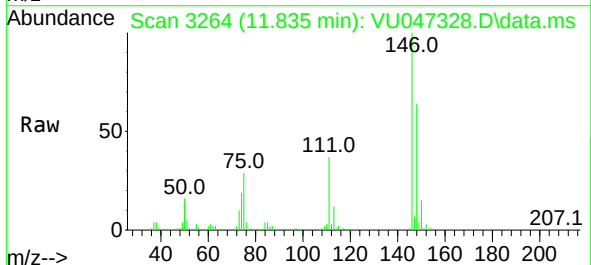
Instrument :
MSVOA_U
ClientSampleId :
VSTD010010

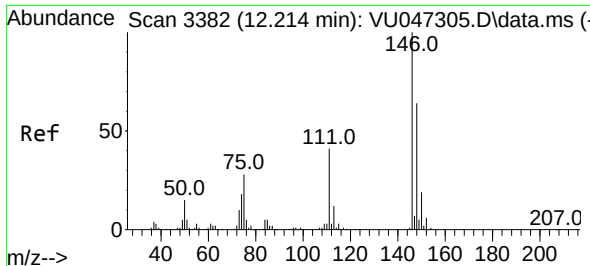
Tgt Ion:146 Resp: 341254
Ion Ratio Lower Upper
146 100
111 39.2 29.9 55.5
148 64.1 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 10.285 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU047328.D
Acq: 04 Mar 2022 13:51

Tgt Ion:146 Resp: 345707
Ion Ratio Lower Upper
146 100
111 37.0 28.7 53.3
148 64.1 45.8 85.0

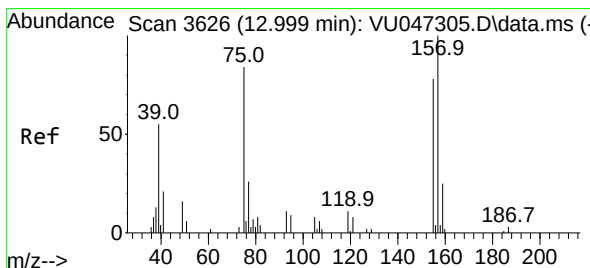
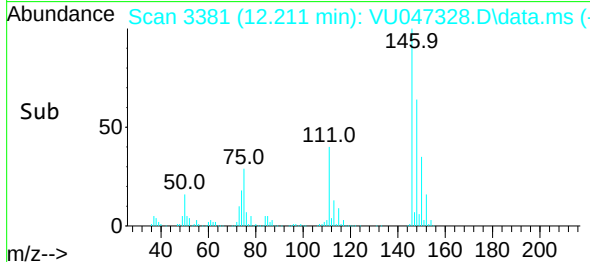
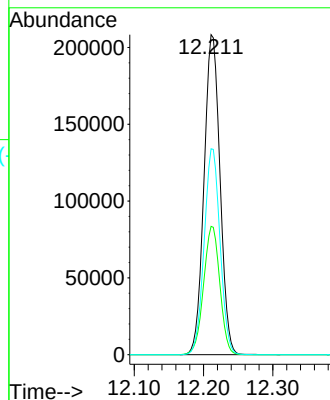
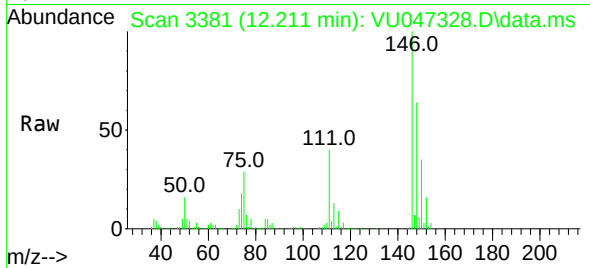




#67
1,2-Dichlorobenzene
Concen: 10.243 ug/L
RT: 12.211 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU047328.D
Acq: 04 Mar 2022 13:51

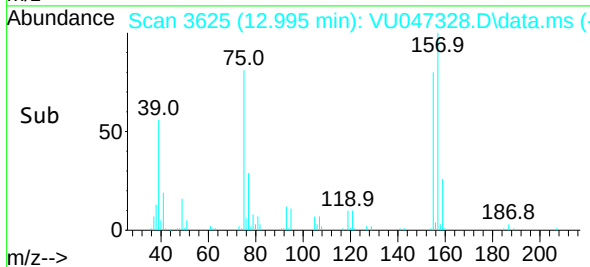
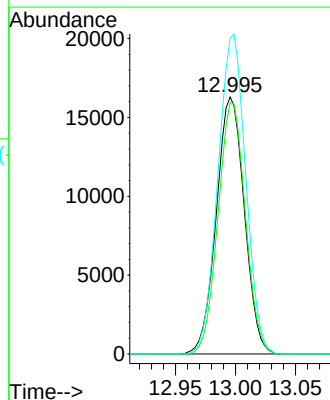
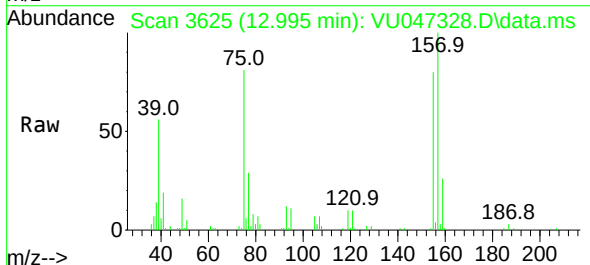
Instrument :
MSVOA_U
ClientSampleId :
VSTD010010

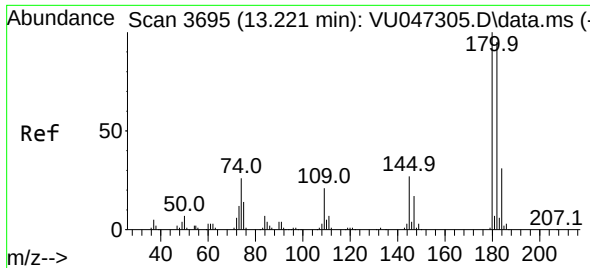
Tgt Ion:146 Resp: 333508
Ion Ratio Lower Upper
146 100
111 40.1 35.4 53.0
148 64.3 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 10.114 ug/L
RT: 12.995 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU047328.D
Acq: 04 Mar 2022 13:51

Tgt Ion: 75 Resp: 26464
Ion Ratio Lower Upper
75 100
155 97.9 59.2 88.8#
157 122.8 76.5 114.7#

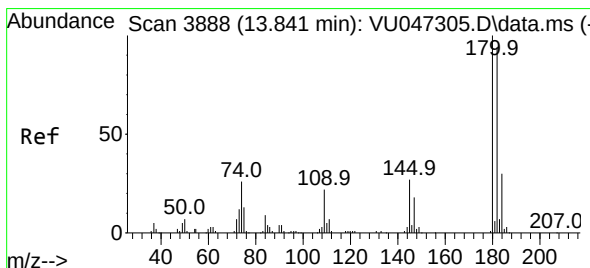
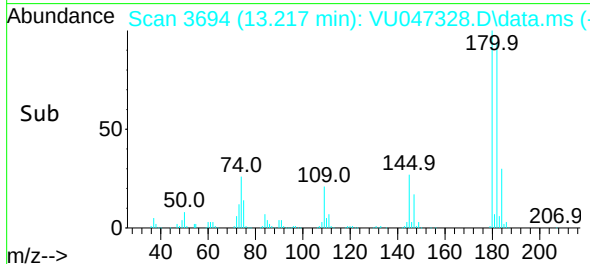
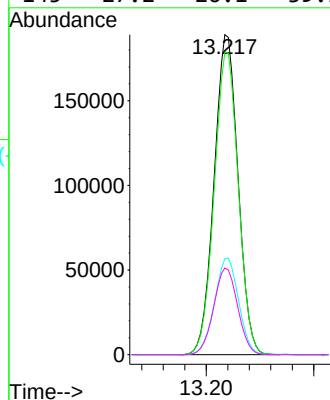
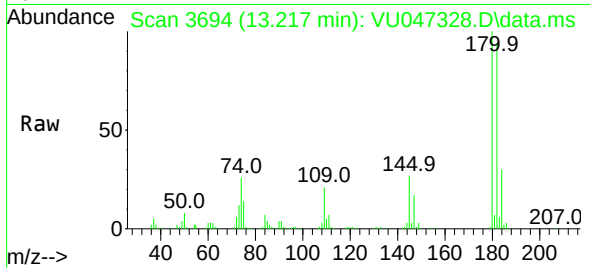




#69
 1,3,5-Trichlorobenzene
 Concen: 10.444 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU047328.D
 Acq: 04 Mar 2022 13:51

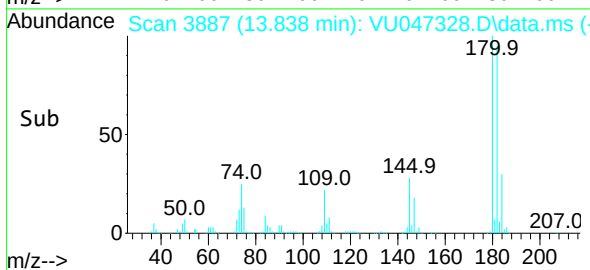
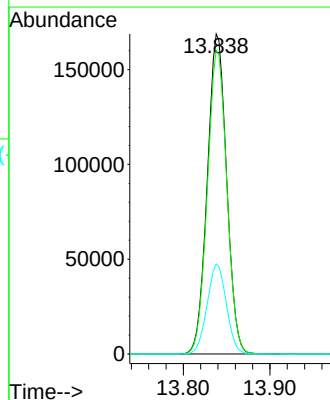
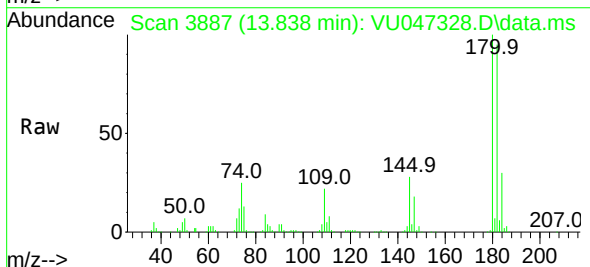
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010010

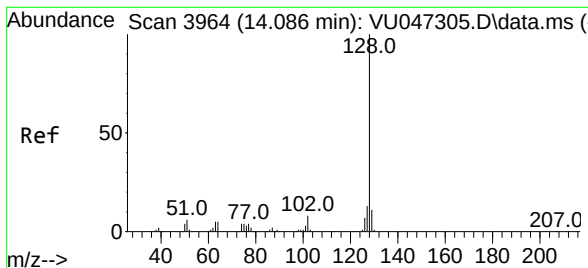
Tgt Ion:180 Resp: 291337
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.1 114.1
 184 30.5 25.0 37.4
 145 27.2 26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 10.446 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU047328.D
 Acq: 04 Mar 2022 13:51

Tgt Ion:180 Resp: 260852
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.4 114.6
 145 28.1 25.6 38.4





#71

Naphthalene

Concen: 10.373 ug/L

RT: 14.085 min Scan# 3964

Delta R.T. -0.000 min

Lab File: VU047328.D

Acq: 04 Mar 2022 13:51

Instrument :

MSVOA_U

ClientSampleId :

VSTD010010

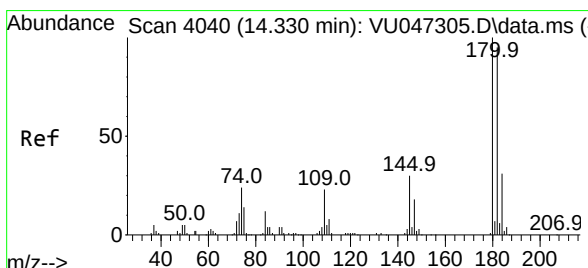
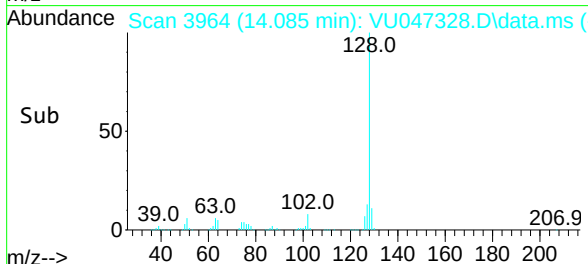
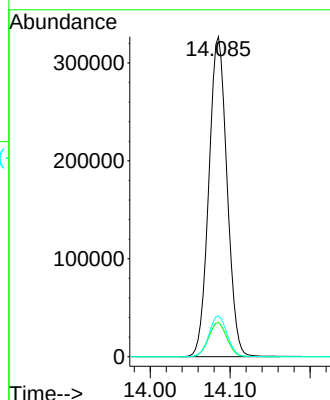
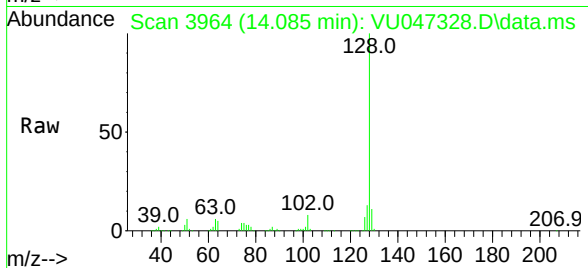
Tgt Ion:128 Resp: 517206

Ion Ratio Lower Upper

128 100

129 10.7 8.4 12.6

127 12.8 10.2 15.2



#72

1,2,3-Trichlorobenzene

Concen: 10.227 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VU047328.D

Acq: 04 Mar 2022 13:51

Tgt Ion:180 Resp: 240187

Ion Ratio Lower Upper

180 100

182 95.8 76.2 114.4

145 29.5 28.4 42.6

