

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
 Data File : VU047327.D
 Acq On : 04 Mar 2022 13:28
 Operator : SY/MD
 Sample : VSTD00509
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005009

Quant Time: Mar 04 14:47:40 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	6.250	114	214855	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	204617	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	115099	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	72259	4.896	ug/L	0.00
7) Chloroethane-d5	1.919	69	61270	4.991	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	31097	5.117	ug/L	0.00
20) 2-Butanone-d5	4.646	46	198741	44.992	ug/L	0.00
24) Chloroform-d	5.067	84	137334	5.018	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.703	65	76428	4.965	ug/L	0.00
32) Benzene-d6	5.732	84	279710	5.008	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	87082	4.949	ug/L	0.00
41) Toluene-d8	7.899	98	269672	5.163	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	39081	5.142	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	222221	51.788	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	88931	5.049	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	112788	5.000	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	76826	5.865	ug/L	100
3) Chloromethane	1.523	50	79364	5.002	ug/L	99
5) Vinyl chloride	1.607	62	76560	5.221	ug/L	98
6) Bromomethane	1.864	94	40482	5.004	ug/L	100
8) Chloroethane	1.941	64	44090	5.181	ug/L	99
9) Trichlorofluoromethane	2.144	101	99311	5.713	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	57904	5.789	ug/L	92
12) 1,1-Dichloroethene	2.588	96	56862	5.343	ug/L	83
13) Acetone	2.668	43	80509	65.956	ug/L	94
14) Carbon disulfide	2.800	76	184268	5.317	ug/L	100
15) Methyl Acetate	2.964	43	23108	5.202	ug/L	95
16) Methylene chloride	3.054	84	63095	4.857	ug/L	92
17) Methyl tert-butyl Ether	3.369	73	149630	5.040	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	61048	5.167	ug/L	93
19) 1,1-Dichloroethane	3.874	63	103043	5.258	ug/L	99
21) 2-Butanone	4.726	43	160787	47.710	ug/L	96
22) cis-1,2-Dichloroethene	4.671	96	66881	5.199	ug/L	95
23) Bromochloromethane	4.980	128	33574	5.281	ug/L	83
25) Chloroform	5.092	83	110748	5.079	ug/L	98
27) 1,2-Dichloroethane	5.800	62	73725	5.097	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	94776	5.464	ug/L	99
30) Cyclohexane	5.391	56	94624	5.725	ug/L	95
31) Carbon tetrachloride	5.530	117	83030	5.589	ug/L	100
33) Benzene	5.777	78	248128	5.163	ug/L	100
34) Trichloroethene	6.546	95	65895	5.289	ug/L	91
35) Methylcyclohexane	6.764	83	107366	6.000	ug/L	94
37) 1,2-Dichloropropane	6.793	63	61754	5.165	ug/L	100
38) Bromodichloromethane	7.108	83	80966	5.190	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	99392	5.332	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	459258	51.450	ug/L	98
42) Toluene	7.970	91	274996	5.273	ug/L	97
44) trans-1,3-Dichloropropene	8.211	75	88618	5.444	ug/L	98

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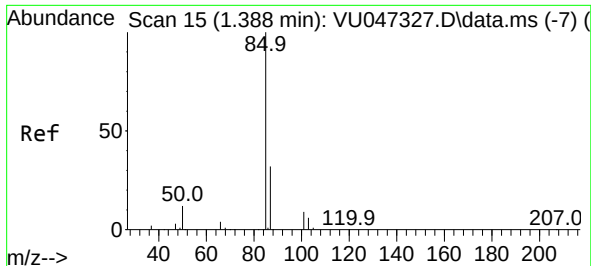
Instrument :
 MSVOA_U
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.401	97	53809	5.231	ug/L	99
47) Tetrachloroethene	8.555	164	57120	5.453	ug/L	92
48) 2-Hexanone	8.687	43	345867	52.430	ug/L	98
49) Dibromochloromethane	8.809	129	64223	5.467	ug/L	98
50) 1,2-Dibromoethane	8.925	107	55425	5.340	ug/L #	97
51) Chlorobenzene	9.446	112	181293	5.156	ug/L	96
52) Ethylbenzene	9.571	91	290379	5.330	ug/L	97
53) m,p-Xylene	9.694	106	115767	5.311	ug/L	99
54) o-Xylene	10.102	106	112163	5.354	ug/L	100
55) Styrene	10.115	104	191326	5.459	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.784	83	72746	5.217	ug/L	96
59) Bromoform	10.292	173	41458	5.000	ug/L #	98
60) Isopropylbenzene	10.485	105	293594	5.000	ug/L	98
61) 1,2,3-Trichloropropane	10.822	75	51672	5.000	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	194201	5.000	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	251617	5.000	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	150270	5.000	ug/L	95
65) 1,4-Dichlorobenzene	11.835	146	153674	5.000	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	148856	5.000	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.996	75	11963	5.000	ug/L #	77
69) 1,3,5-Trichlorobenzene	13.218	180	127534	5.000	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	114168	5.000	ug/L	97
71) Naphthalene	14.086	128	227973	5.000	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	107374	5.000	ug/L	97

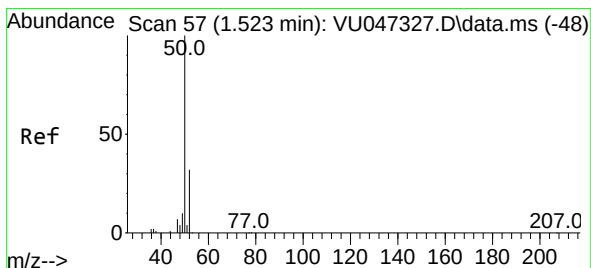
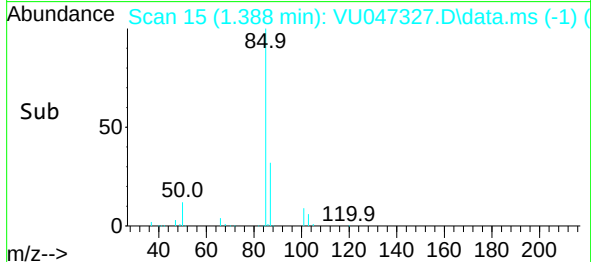
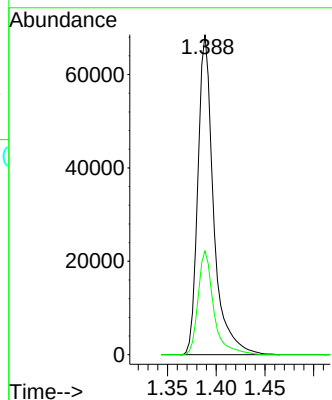
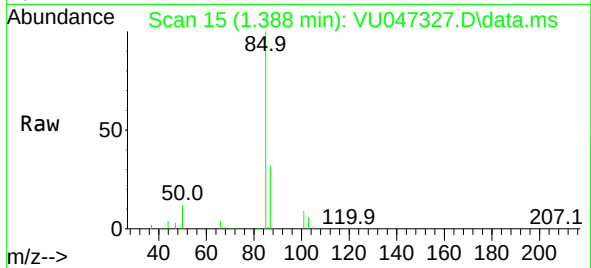
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.865 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047327.D
Acq: 04 Mar 2022 13:28

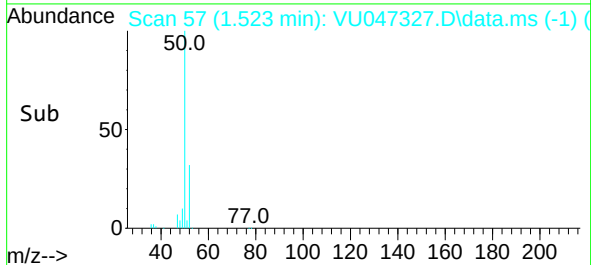
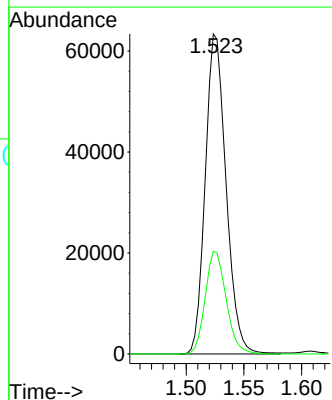
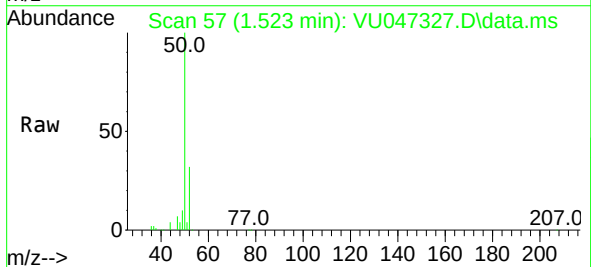
Instrument :
MSVOA_U
ClientSampleId :
VSTD005009

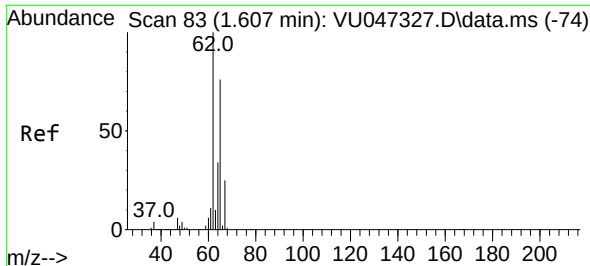
Tgt Ion: 85 Resp: 76826
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.6



#3
Chloromethane
Concen: 5.002 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU047327.D
Acq: 04 Mar 2022 13:28

Tgt Ion: 50 Resp: 79364
Ion Ratio Lower Upper
50 100
52 32.1 23.0 42.8

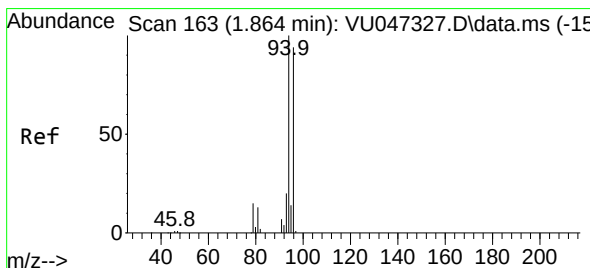
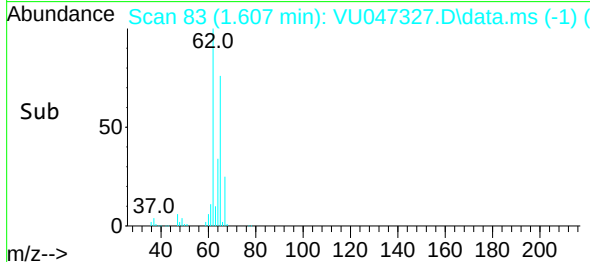
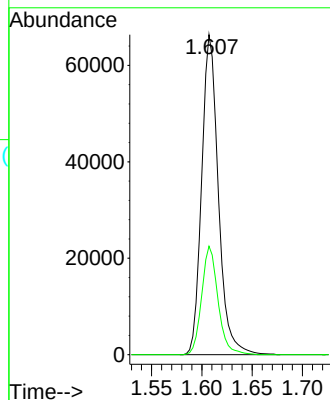
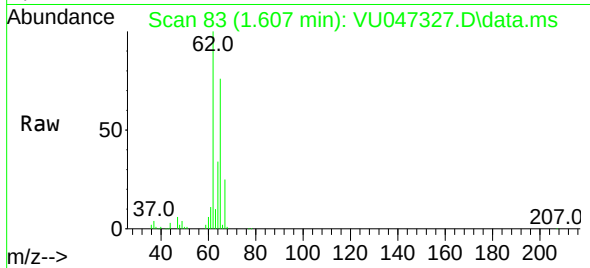




#5
 Vinyl chloride
 Concen: 5.221 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU047327.D
 Acq: 04 Mar 2022 13:28

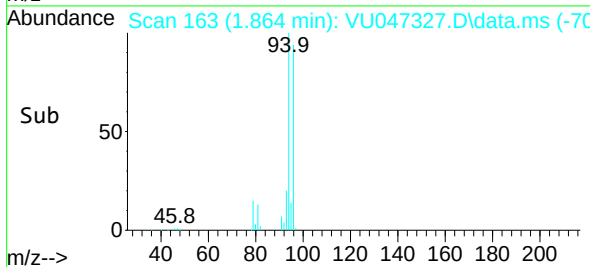
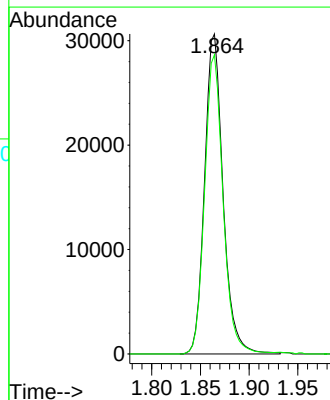
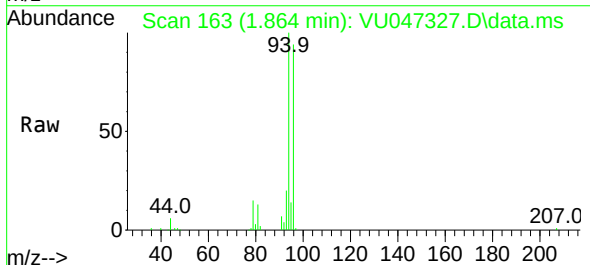
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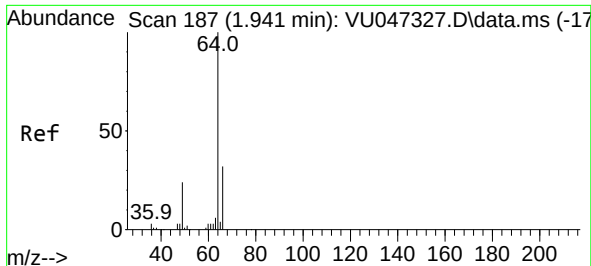
Tgt Ion: 62 Resp: 76560
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.9 42.5



#6
 Bromomethane
 Concen: 5.004 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU047327.D
 Acq: 04 Mar 2022 13:28

Tgt Ion: 94 Resp: 40482
 Ion Ratio Lower Upper
 94 100
 96 93.5 65.5 121.6

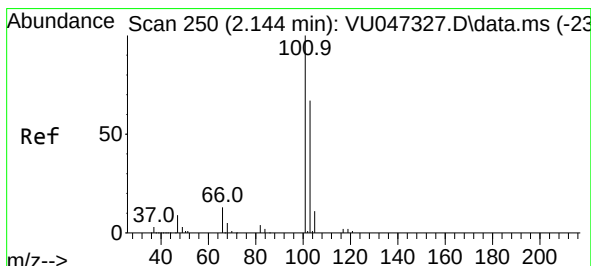
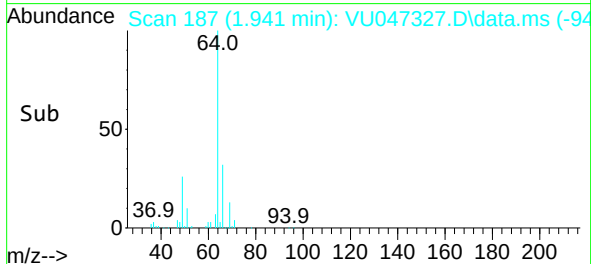
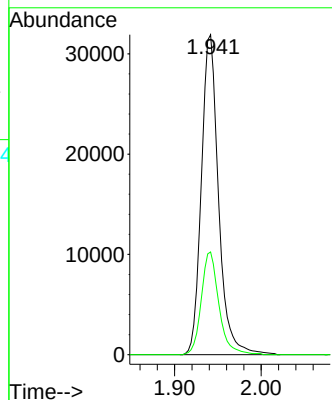
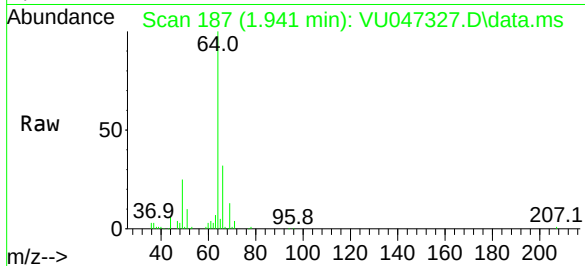




#8
Chloroethane
Concen: 5.181 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047327.D
Acq: 04 Mar 2022 13:28

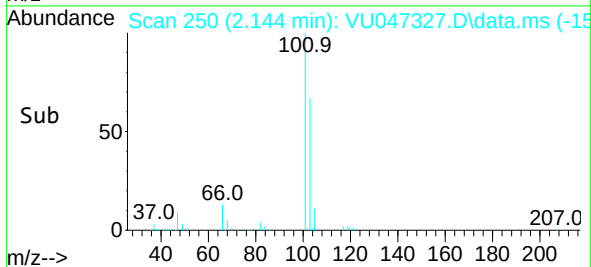
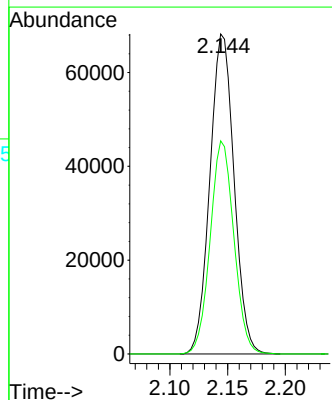
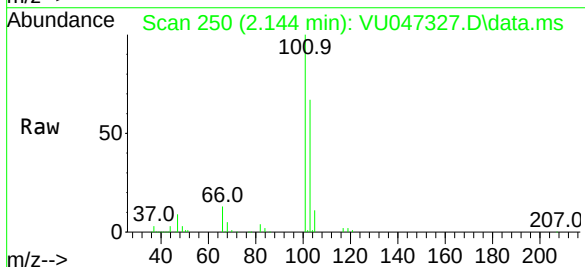
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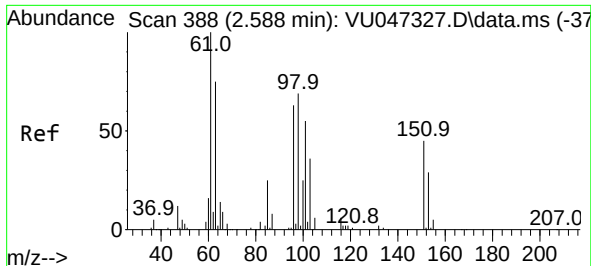
Tgt Ion: 64 Resp: 44090
Ion Ratio Lower Upper
64 100
66 32.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.713 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047327.D
Acq: 04 Mar 2022 13:28

Tgt Ion:101 Resp: 99311
Ion Ratio Lower Upper
101 100
103 65.3 51.5 77.3

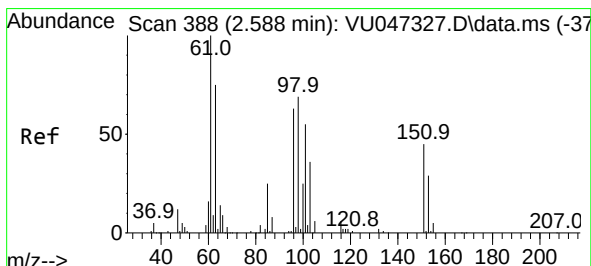
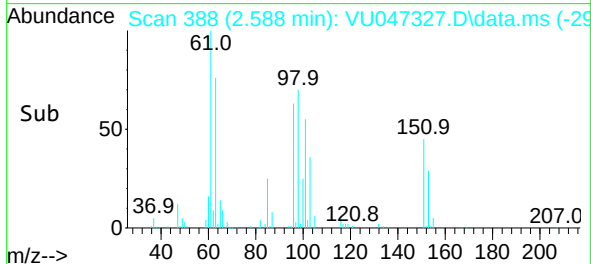
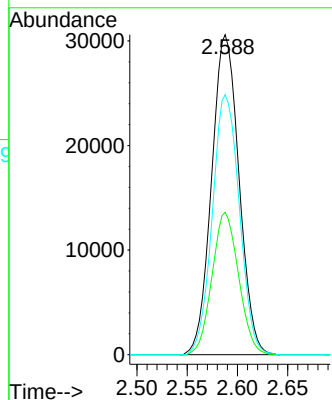
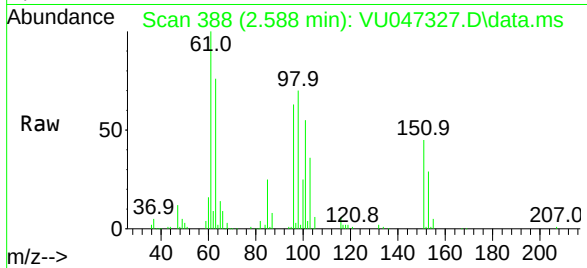




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.789 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU047327.D
Acq: 04 Mar 2022 13:28

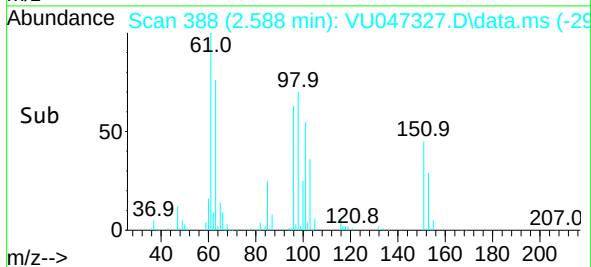
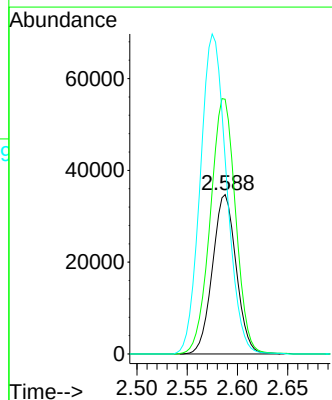
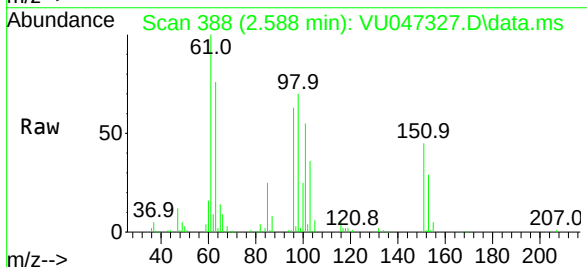
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ClientSampleId :
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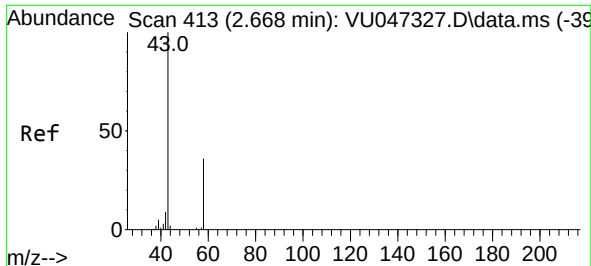
Tgt Ion:101 Resp: 57904
Ion Ratio Lower Upper
101 100
85 43.2 34.6 51.8
151 80.3 56.1 84.1



#12
1,1-Dichloroethene
Concen: 5.343 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU047327.D
Acq: 04 Mar 2022 13:28

Tgt Ion: 96 Resp: 56862
Ion Ratio Lower Upper
96 100
61 159.9 124.7 231.5
63 122.3 105.2 195.4





#13

Acetone

Concen: 65.956 ug/L

RT: 2.668 min Scan# 413

Delta R.T. 0.000 min

Lab File: VU047327.D

Acq: 04 Mar 2022 13:28

Instrument :

MSVOA_U

ClientSampleId :

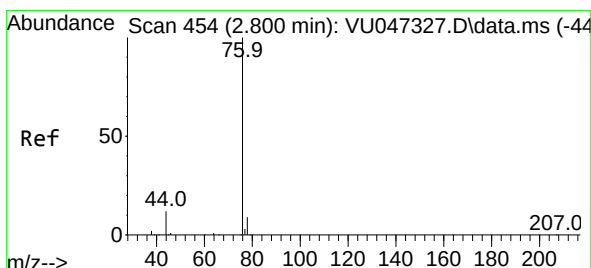
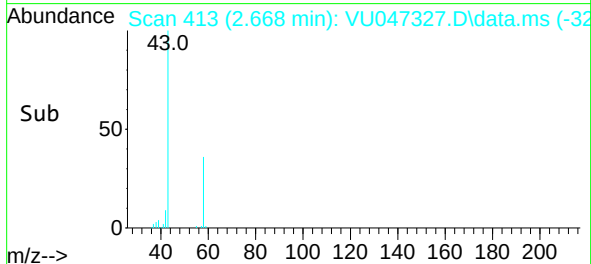
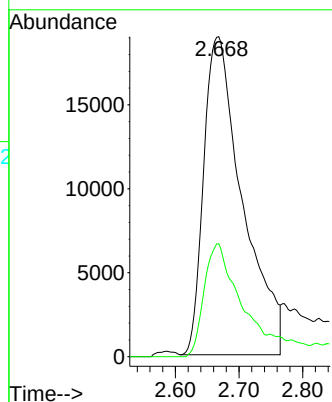
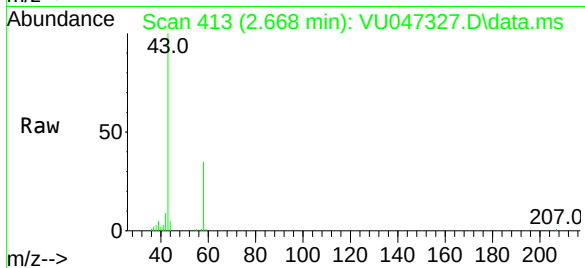
VSTD005009

Tgt Ion: 43 Resp: 80509

Ion Ratio Lower Upper

43 100

58 32.2 0.0 71.6



#14

Carbon disulfide

Concen: 5.317 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047327.D

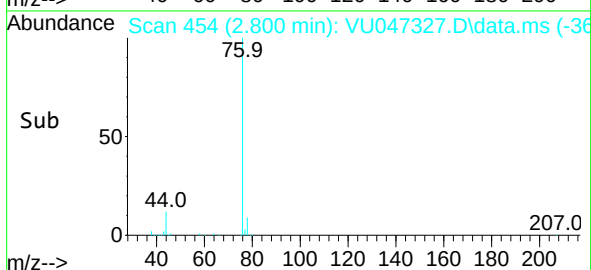
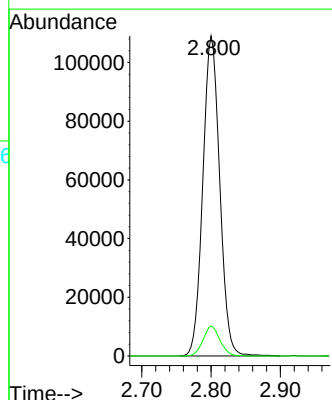
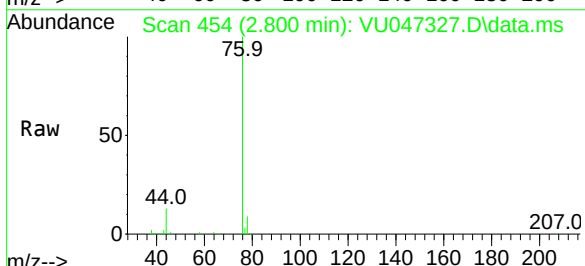
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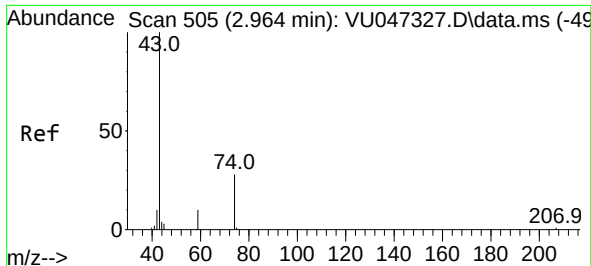
Tgt Ion: 76 Resp: 184268

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

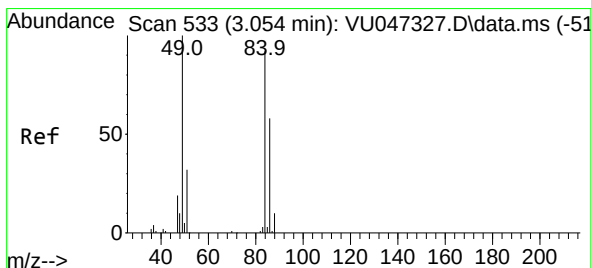
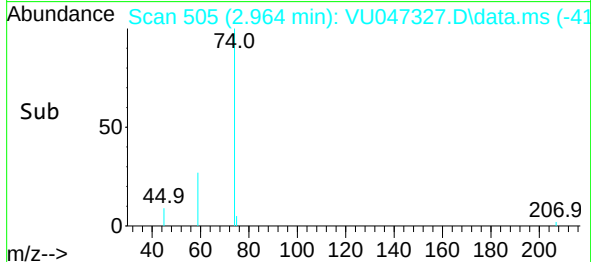
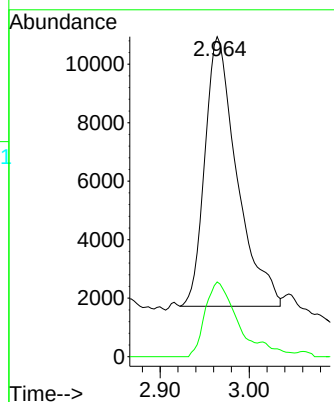
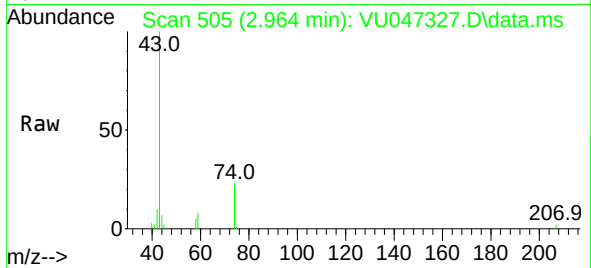




#15
Methyl Acetate
Concen: 5.202 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.000 min
Lab File: VU047327.D
Acq: 04 Mar 2022 13:28

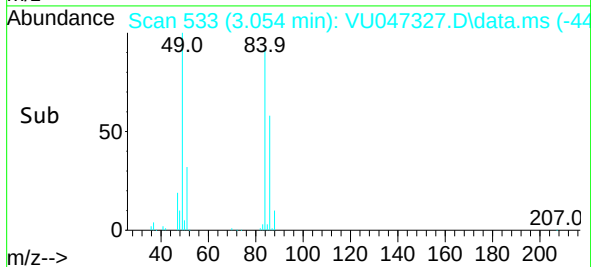
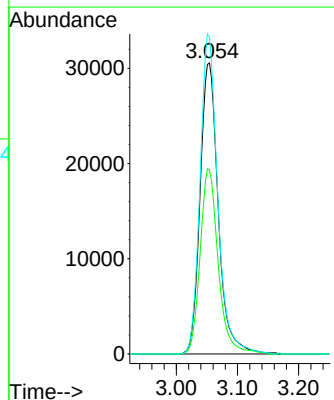
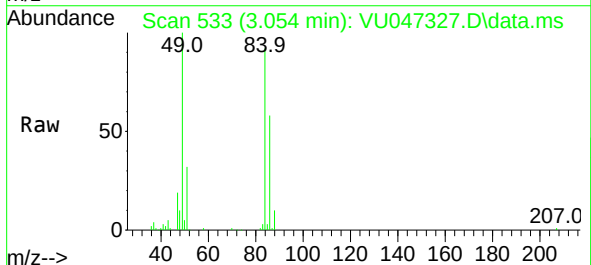
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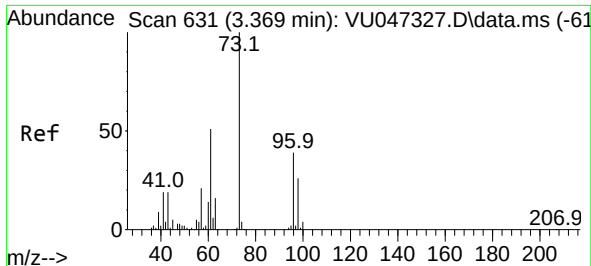
Tgt Ion: 43 Resp: 23108
Ion Ratio Lower Upper
43 100
74 26.2 19.1 28.7



#16
Methylene chloride
Concen: 4.857 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU047327.D
Acq: 04 Mar 2022 13:28

Tgt Ion: 84 Resp: 63095
Ion Ratio Lower Upper
84 100
86 63.4 45.8 85.0
49 108.9 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 5.040 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU047327.D

Acq: 04 Mar 2022 13:28

Instrument :

MSVOA_U

ClientSampleId :

VSTD005009

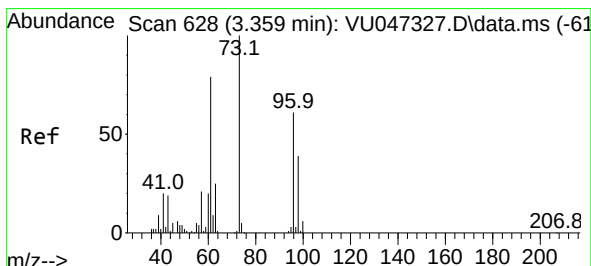
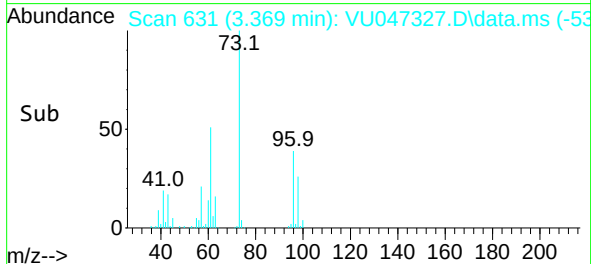
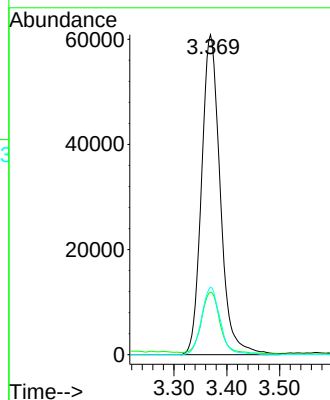
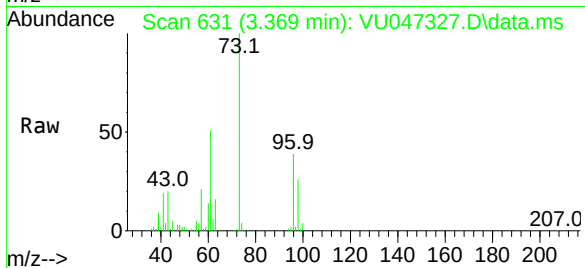
Tgt Ion: 73 Resp: 149630

Ion Ratio Lower Upper

73 100

43 18.5 14.8 22.2

57 20.7 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 5.167 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU047327.D

Acq: 04 Mar 2022 13:28

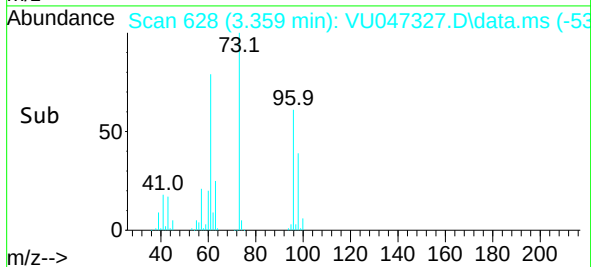
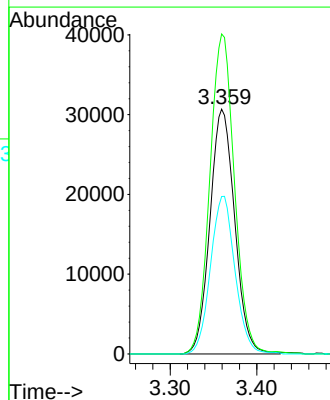
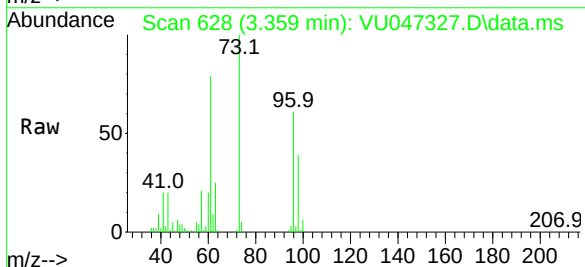
Tgt Ion: 96 Resp: 61048

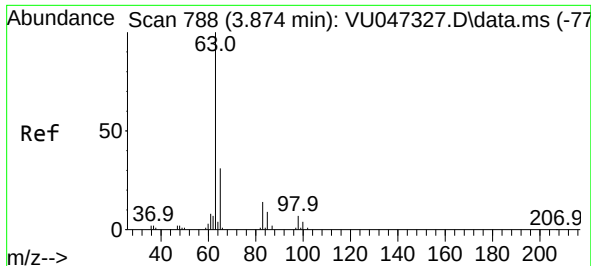
Ion Ratio Lower Upper

96 100

61 130.7 100.8 187.2

98 64.3 45.1 83.7

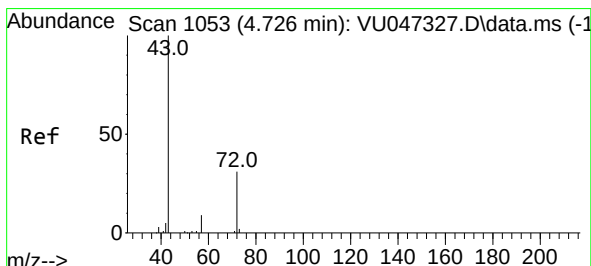
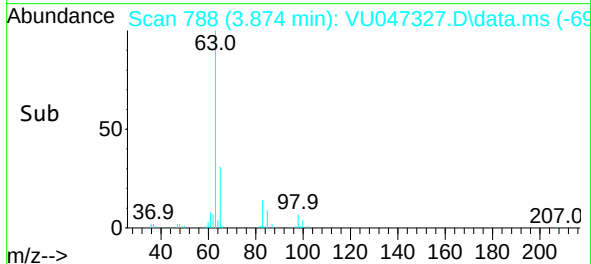
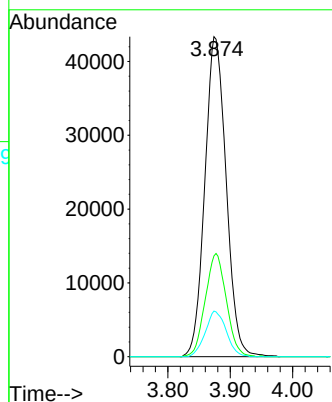
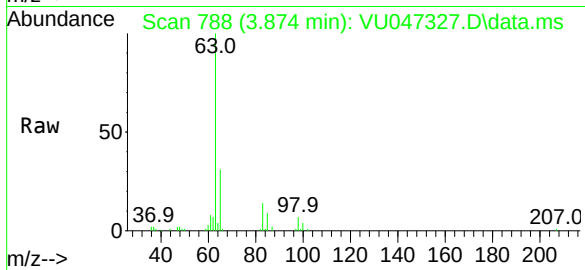




#19
1,1-Dichloroethane
Concen: 5.258 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.000 min
Lab File: VU047327.D
Acq: 04 Mar 2022 13:28

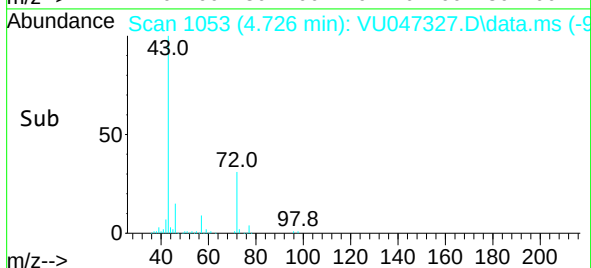
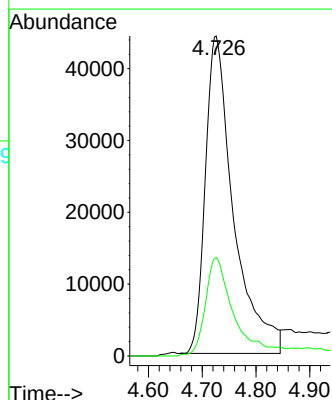
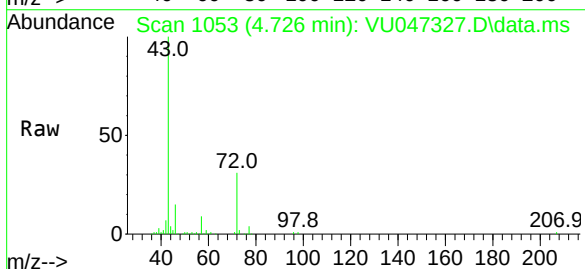
Instrument :
MSVOA_U
ClientSampleId :
VSTD005009

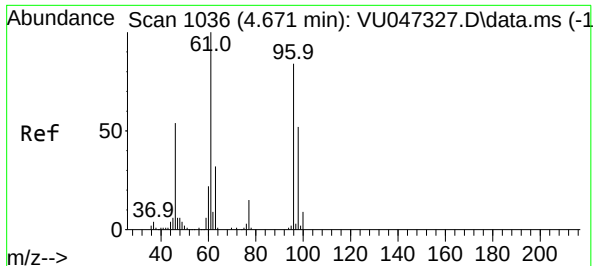
Tgt Ion: 63 Resp: 103043
Ion Ratio Lower Upper
63 100
65 31.5 22.3 41.5
83 14.2 9.6 17.8



#21
2-Butanone
Concen: 47.710 ug/L
RT: 4.726 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VU047327.D
Acq: 04 Mar 2022 13:28

Tgt Ion: 43 Resp: 160787
Ion Ratio Lower Upper
43 100
72 30.1 14.1 42.3





#22

cis-1,2-Dichloroethene

Concen: 5.199 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047327.D

Acq: 04 Mar 2022 13:28

Instrument :

MSVOA_U

ClientSampleId :

VSTD005009

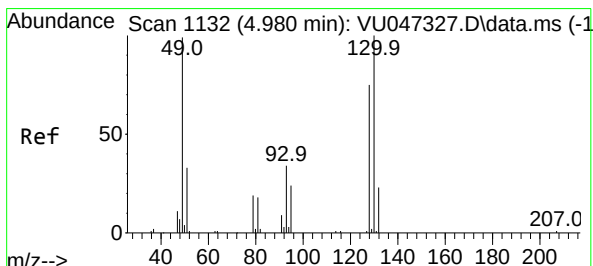
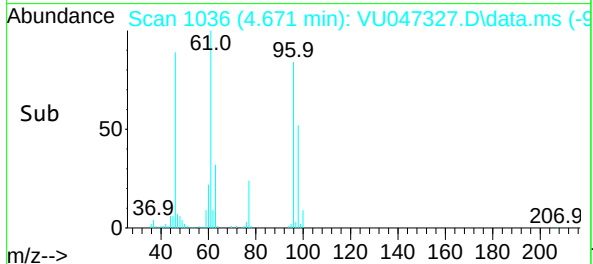
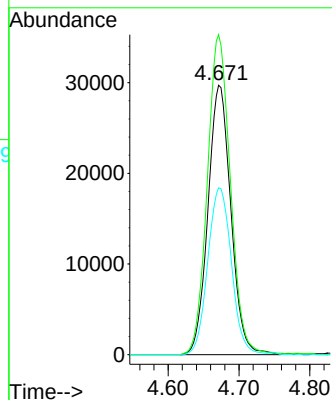
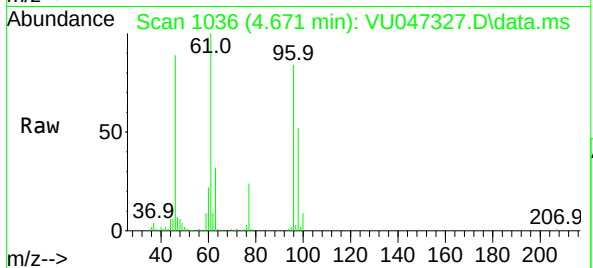
Tgt Ion: 96 Resp: 66881

Ion Ratio Lower Upper

96 100

61 118.8 88.5 164.3

98 61.9 44.4 82.5



#23

Bromochloromethane

Concen: 5.281 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU047327.D

Acq: 04 Mar 2022 13:28

Tgt Ion: 128 Resp: 33574

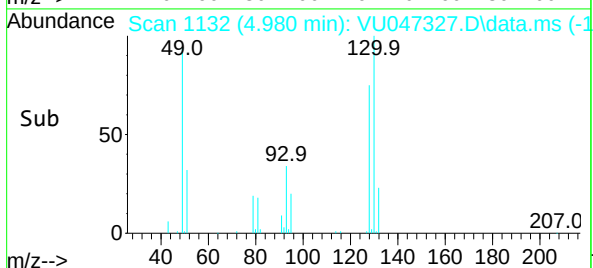
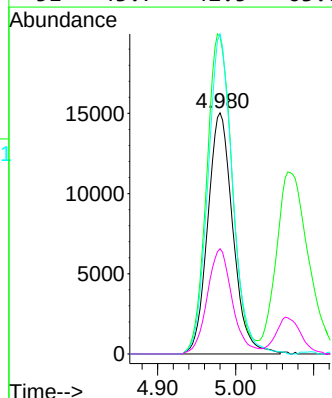
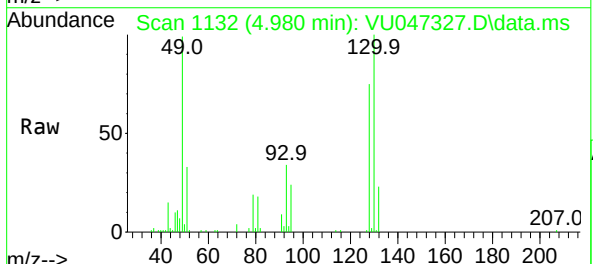
Ion Ratio Lower Upper

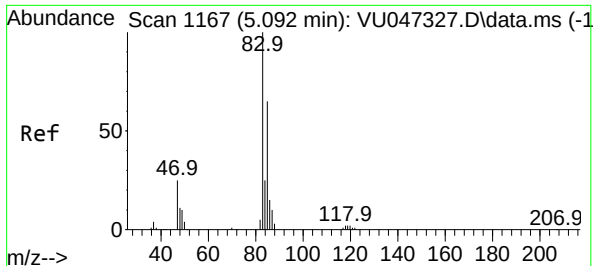
128 100

49 131.8 117.0 217.2

130 132.7 88.2 163.8

51 43.7 42.5 63.7





#25

Chloroform

Concen: 5.079 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047327.D

Acq: 04 Mar 2022 13:28

Instrument :

MSVOA_U

ClientSampleId :

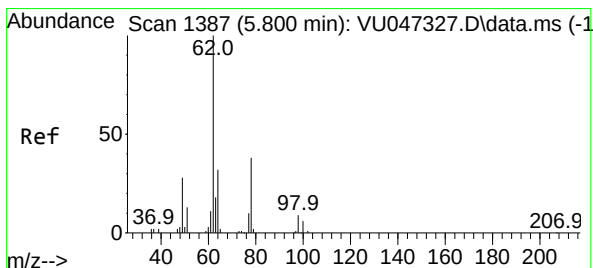
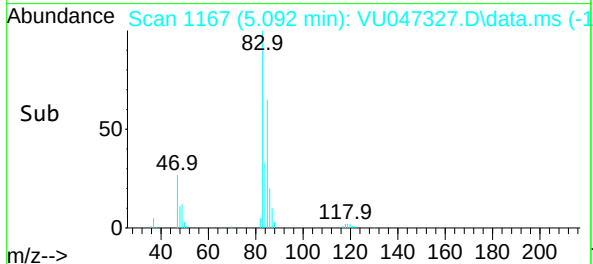
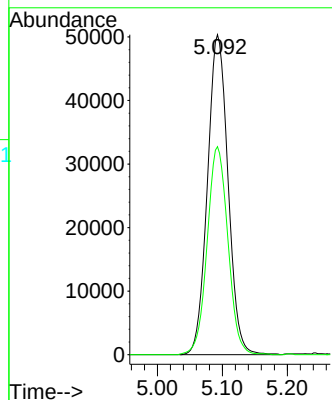
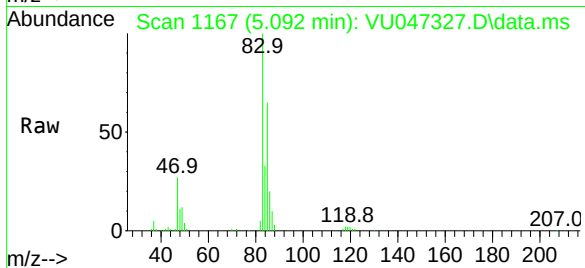
VSTD005009

Tgt Ion: 83 Resp: 110748

Ion Ratio Lower Upper

83 100

85 65.0 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.097 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU047327.D

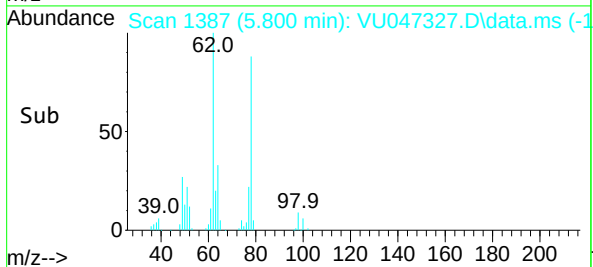
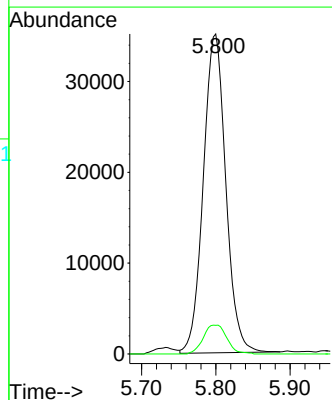
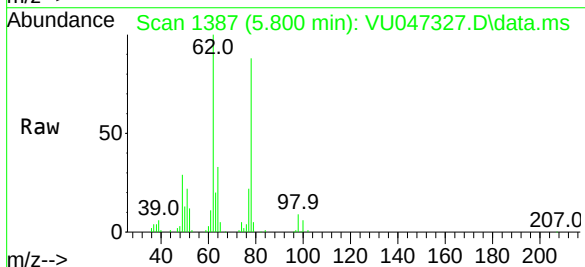
Acq: 04 Mar 2022 13:28

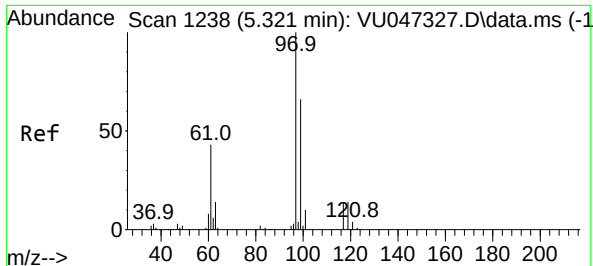
Tgt Ion: 62 Resp: 73725

Ion Ratio Lower Upper

62 100

98 9.0 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.464 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU047327.D

Acq: 04 Mar 2022 13:28

Instrument :

MSVOA_U

ClientSampleId :

VSTD005009

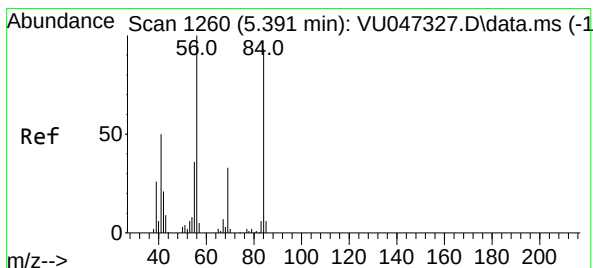
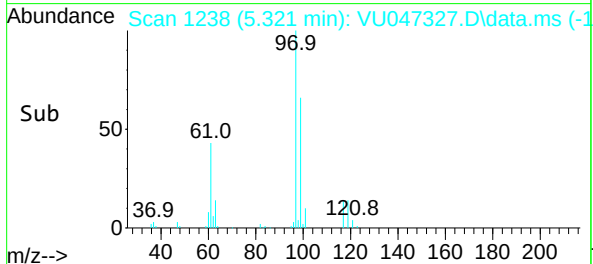
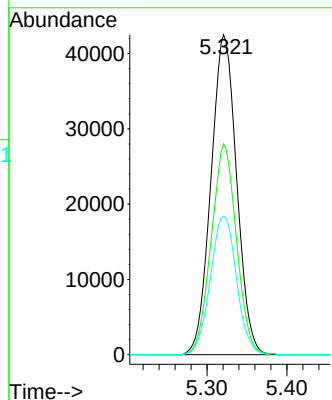
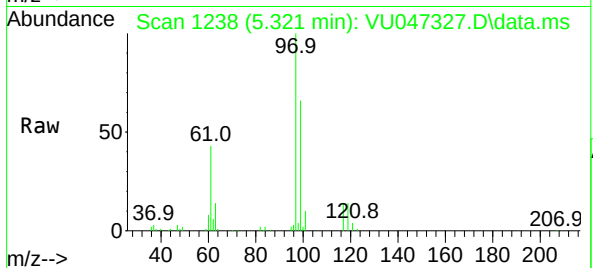
Tgt Ion: 97 Resp: 94776

Ion Ratio Lower Upper

97 100

99 64.8 51.3 76.9

61 44.1 36.1 54.1



#30

Cyclohexane

Concen: 5.725 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU047327.D

Acq: 04 Mar 2022 13:28

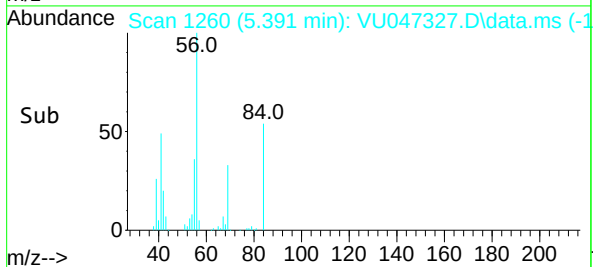
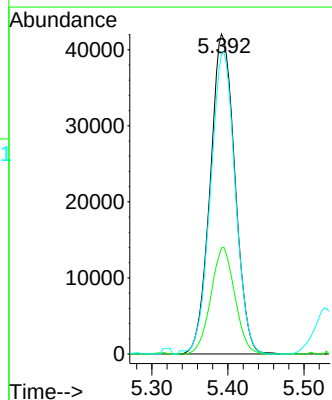
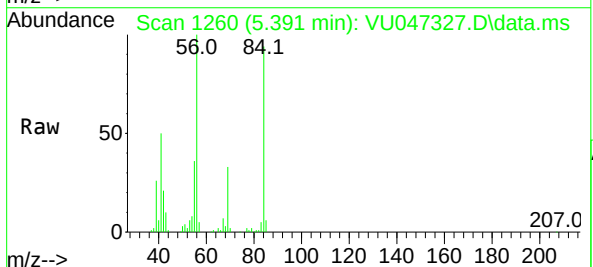
Tgt Ion: 56 Resp: 94624

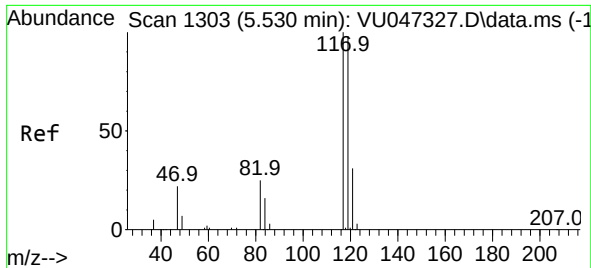
Ion Ratio Lower Upper

56 100

69 32.3 24.7 37.1

84 94.9 71.8 107.6

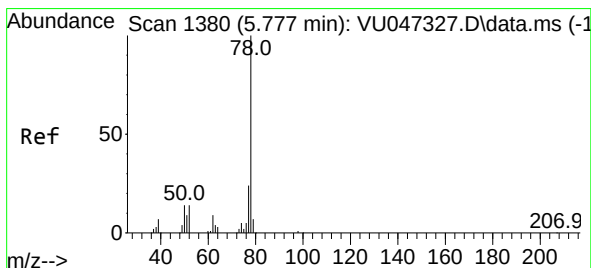
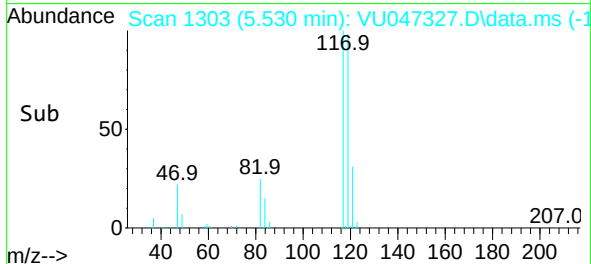
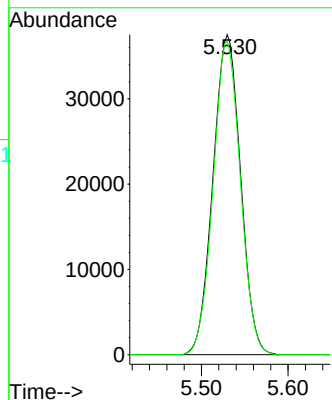
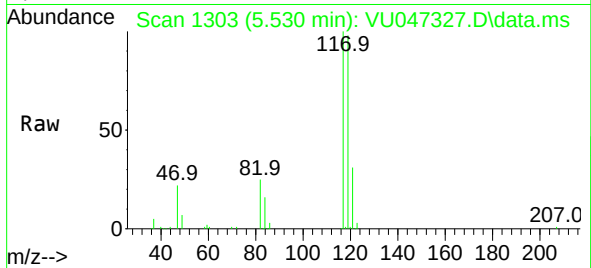




#31
Carbon tetrachloride
Concen: 5.589 ug/L
RT: 5.530 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VU047327.D
Acq: 04 Mar 2022 13:28

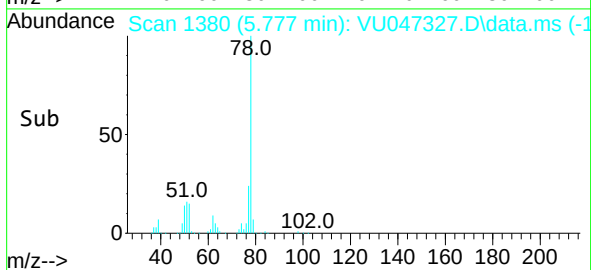
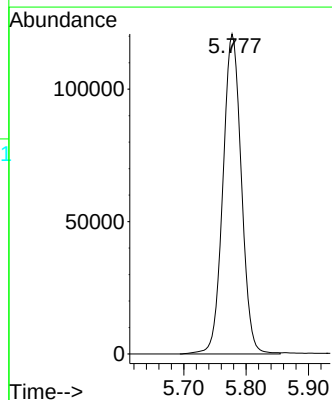
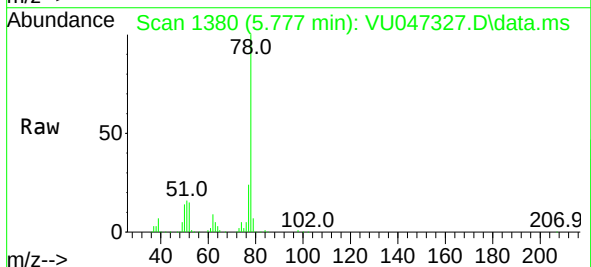
Instrument :
MSVOA_U
ClientSampleId :
VSTD005009

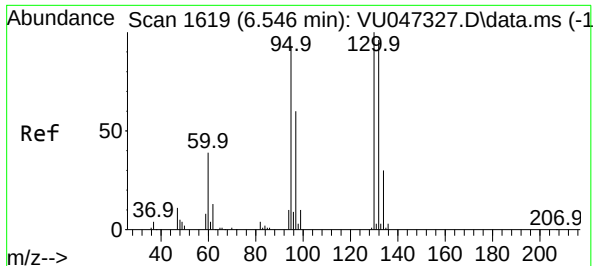
Tgt Ion:117 Resp: 83030
Ion Ratio Lower Upper
117 100
119 96.6 77.5 116.3



#33
Benzene
Concen: 5.163 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047327.D
Acq: 04 Mar 2022 13:28

Tgt Ion: 78 Resp: 248128

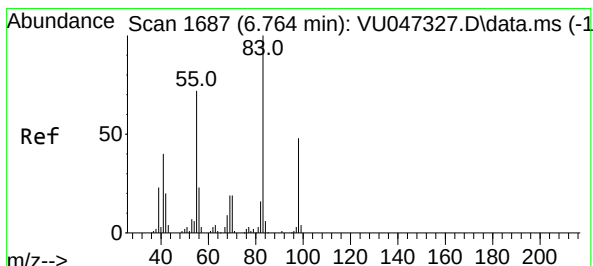
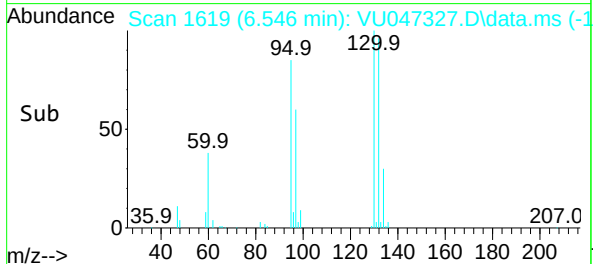
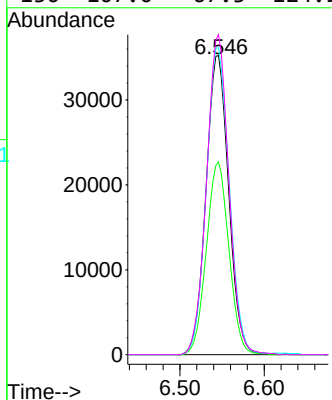
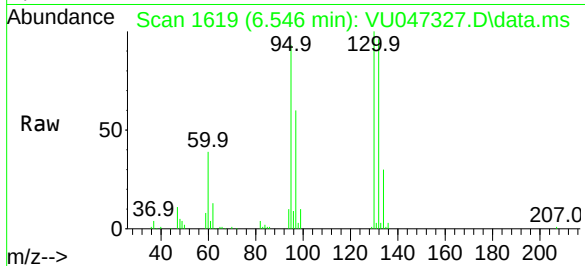




#34
Trichloroethene
Concen: 5.289 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047327.D
Acq: 04 Mar 2022 13:28

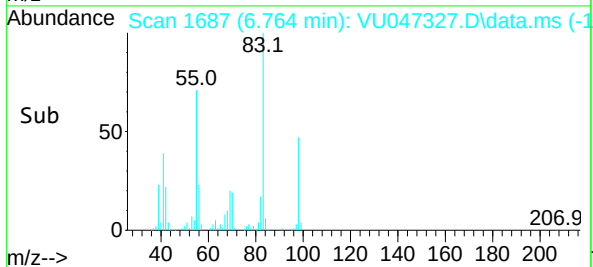
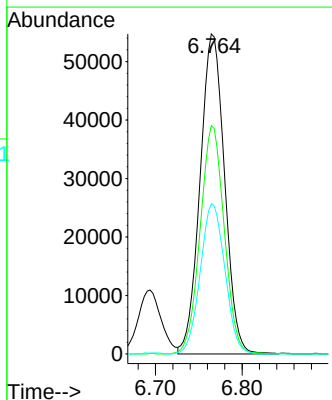
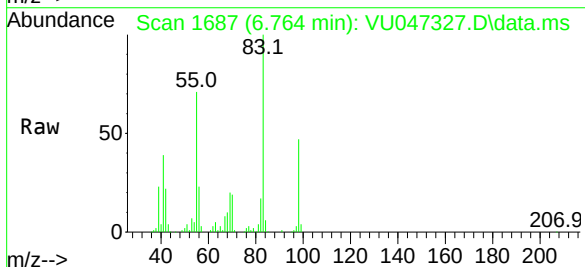
Instrument :
MSVOA_U
ClientSampleId :
VSTD005009

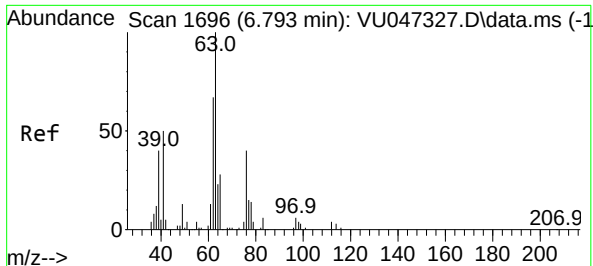
Tgt Ion: 95 Resp: 65895
Ion Ratio Lower Upper
95 100
97 64.5 46.5 86.5
132 102.7 65.1 120.9
130 107.0 67.3 124.9



#35
Methylcyclohexane
Concen: 6.000 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU047327.D
Acq: 04 Mar 2022 13:28

Tgt Ion: 83 Resp: 107366
Ion Ratio Lower Upper
83 100
55 70.1 61.9 92.9
98 47.2 39.0 58.6





#37

1,2-Dichloropropane

Concen: 5.165 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047327.D

Acq: 04 Mar 2022 13:28

Instrument :

MSVOA_U

ClientSampleId :

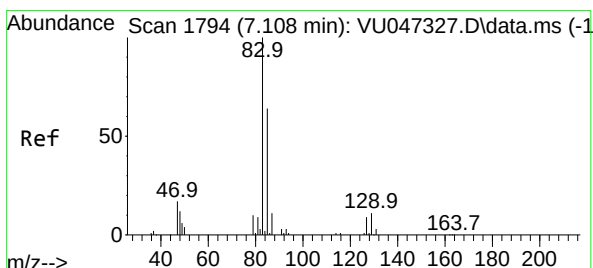
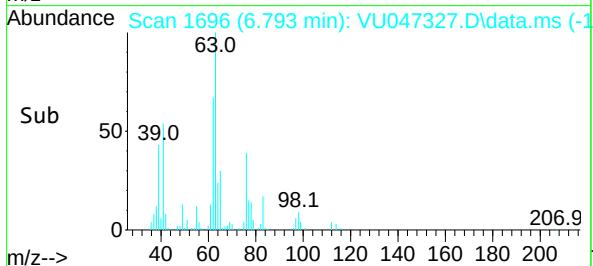
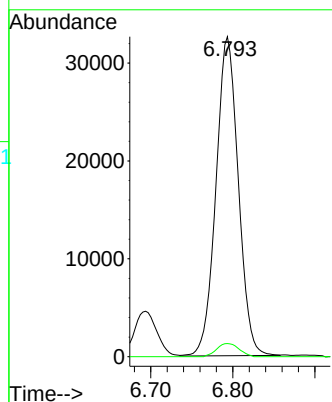
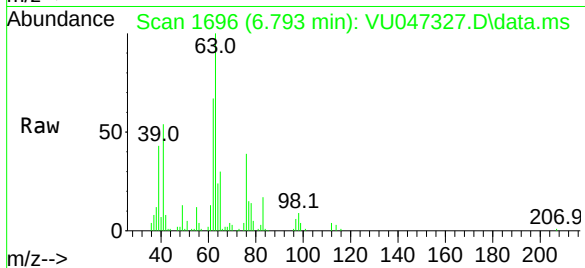
VSTD005009

Tgt Ion: 63 Resp: 61754

Ion Ratio Lower Upper

63 100

112 4.1 3.2 4.8



#38

Bromodichloromethane

Concen: 5.190 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047327.D

Acq: 04 Mar 2022 13:28

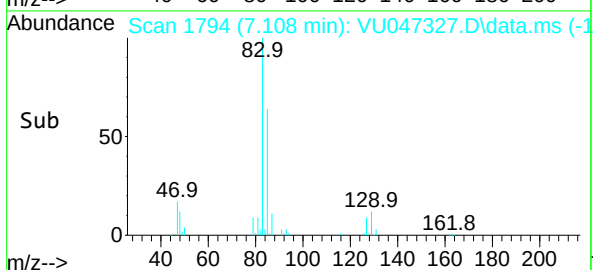
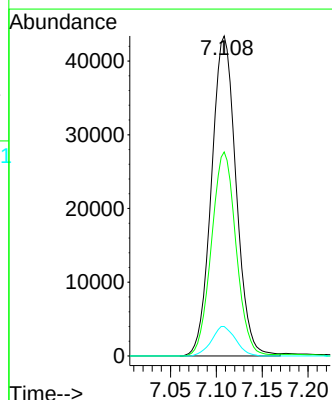
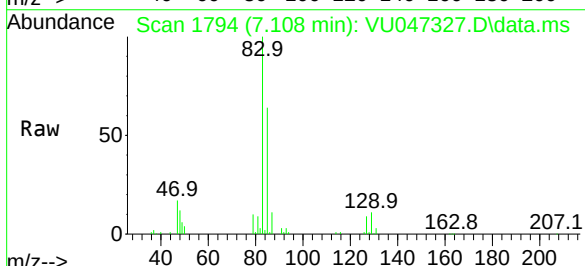
Tgt Ion: 83 Resp: 80966

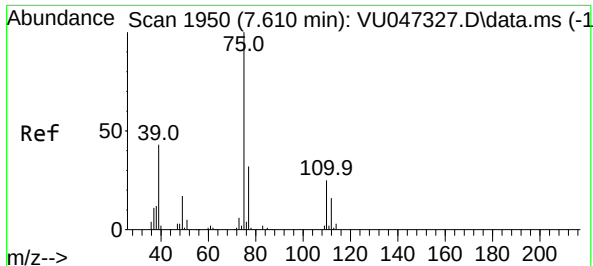
Ion Ratio Lower Upper

83 100

85 63.8 44.0 81.8

127 9.2 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.332 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047327.D

Acq: 04 Mar 2022 13:28

Instrument :

MSVOA_U

ClientSampleId :

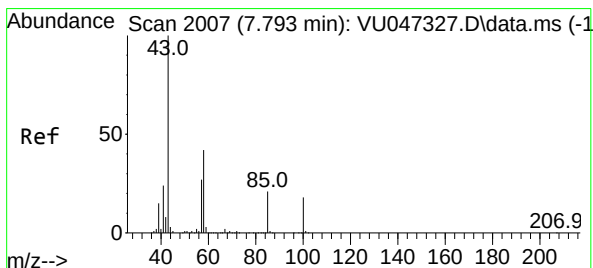
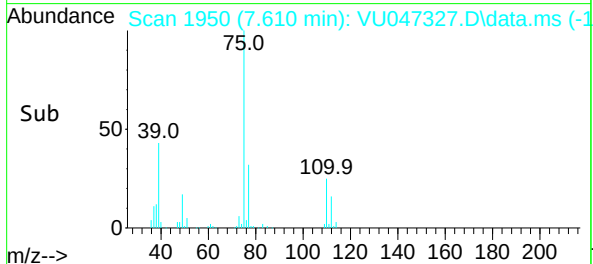
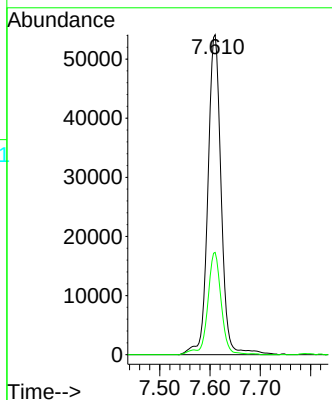
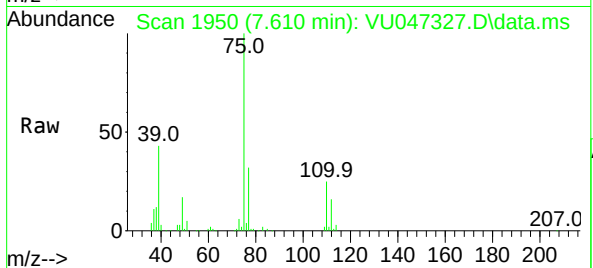
VSTD005009

Tgt Ion: 75 Resp: 99392

Ion Ratio Lower Upper

75 100

77 31.9 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 51.450 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU047327.D

Acq: 04 Mar 2022 13:28

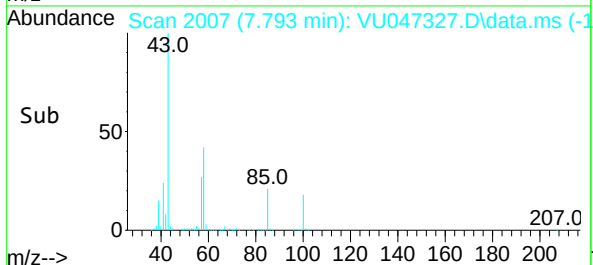
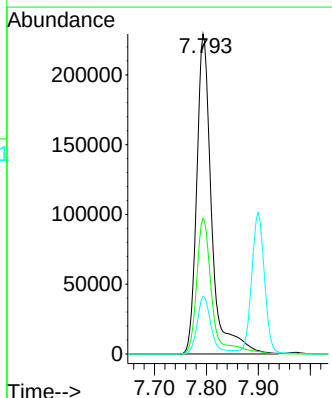
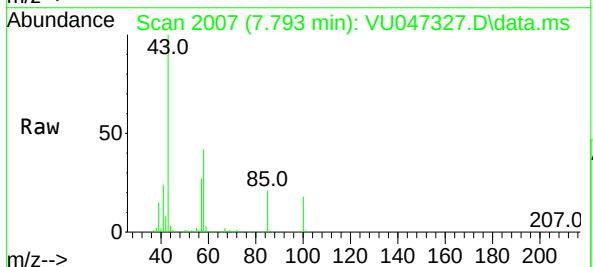
Tgt Ion: 43 Resp: 459258

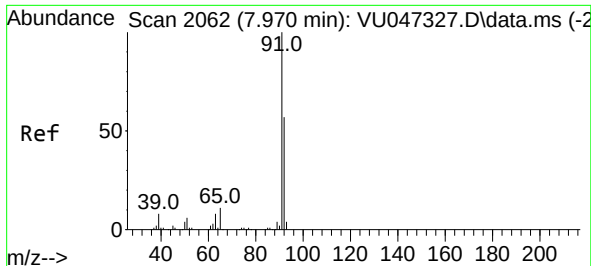
Ion Ratio Lower Upper

43 100

58 43.4 33.1 49.7

100 16.7 13.2 19.8





#42

Toluene

Concen: 5.273 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047327.D

Acq: 04 Mar 2022 13:28

Instrument :

MSVOA_U

ClientSampleId :

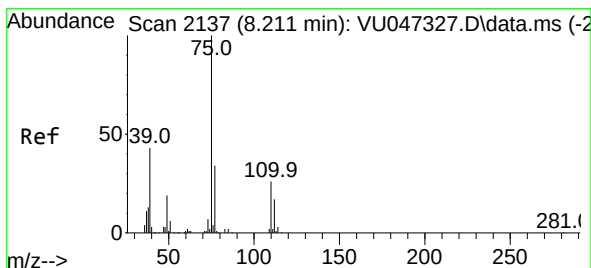
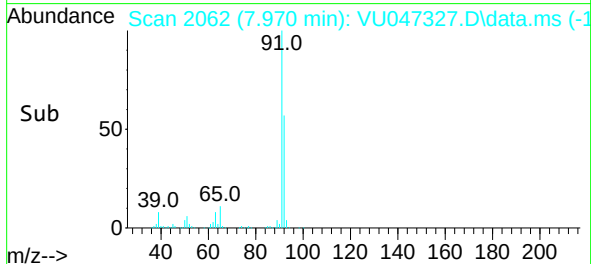
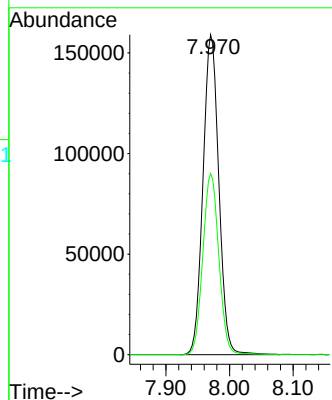
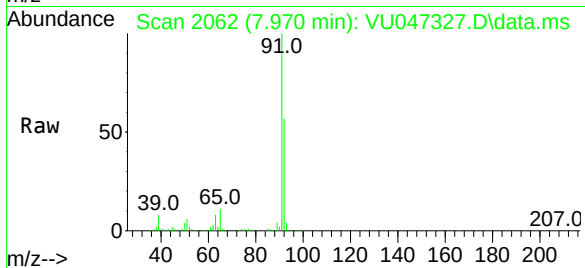
VSTD005009

Tgt Ion: 91 Resp: 274996

Ion Ratio Lower Upper

91 100

92 56.6 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.444 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047327.D

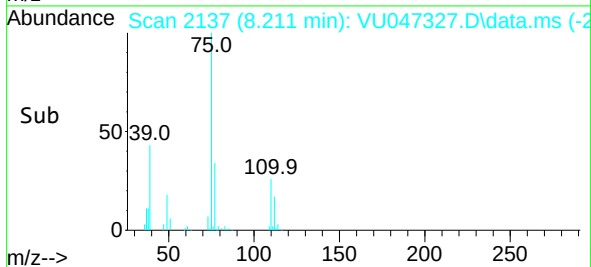
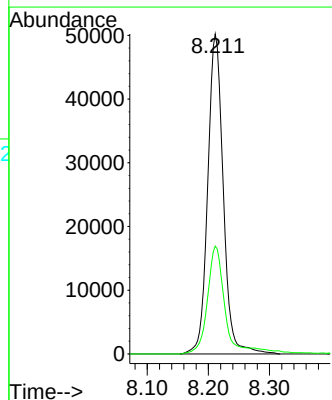
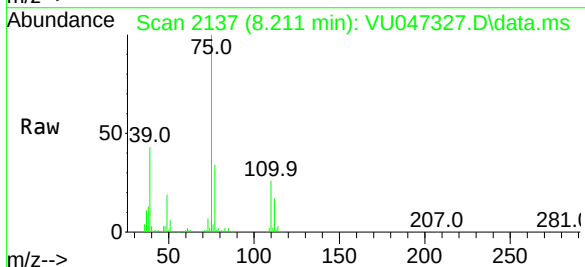
Acq: 04 Mar 2022 13:28

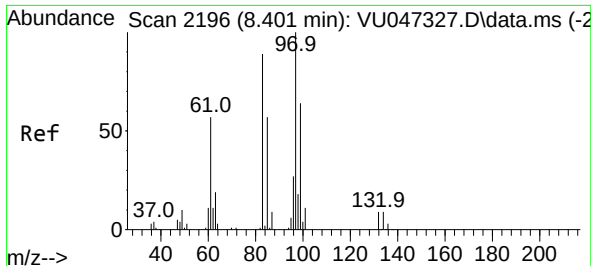
Tgt Ion: 75 Resp: 88618

Ion Ratio Lower Upper

75 100

77 33.7 22.7 42.3



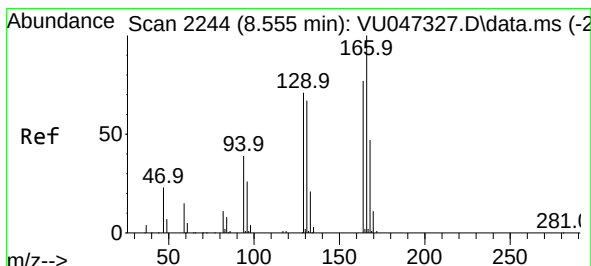
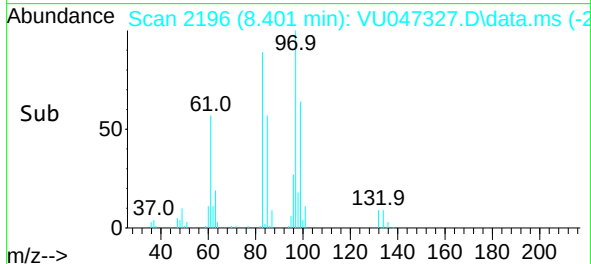
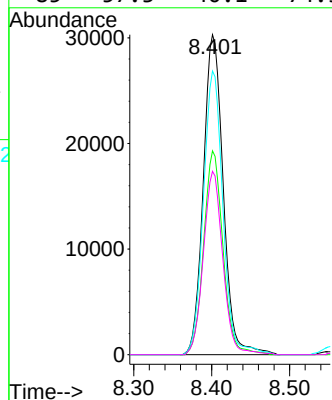
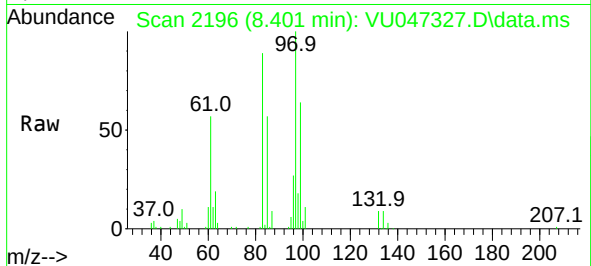


#45
 1,1,2-Trichloroethane
 Concen: 5.231 ug/L
 RT: 8.401 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: VU047327.D
 Acq: 04 Mar 2022 13:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005009

Tgt Ion: 97 Resp: 53809

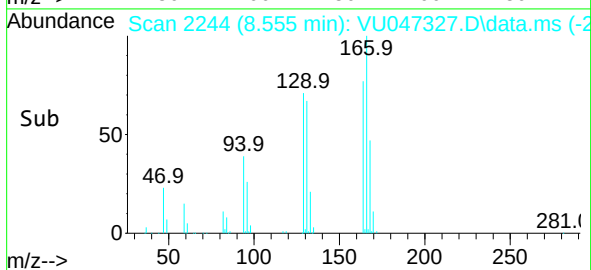
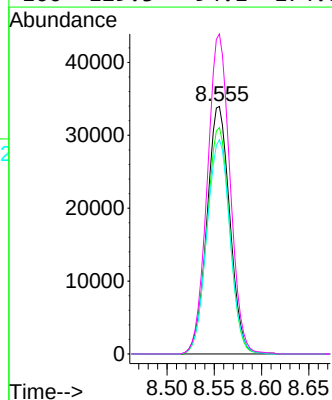
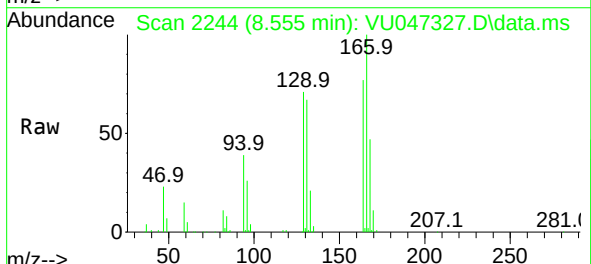
Ion	Ratio	Lower	Upper
97	100		
99	63.7	42.3	78.5
83	88.6	62.0	115.2
85	57.3	40.1	74.5

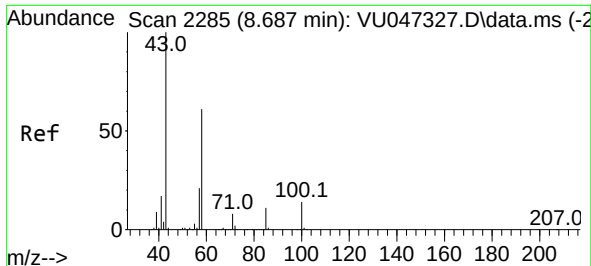


#47
 Tetrachloroethene
 Concen: 5.453 ug/L
 RT: 8.555 min Scan# 2244
 Delta R.T. 0.000 min
 Lab File: VU047327.D
 Acq: 04 Mar 2022 13:28

Tgt Ion: 164 Resp: 57120

Ion	Ratio	Lower	Upper
164	100		
129	91.5	71.8	133.4
131	86.6	68.5	127.3
166	129.3	94.1	174.8

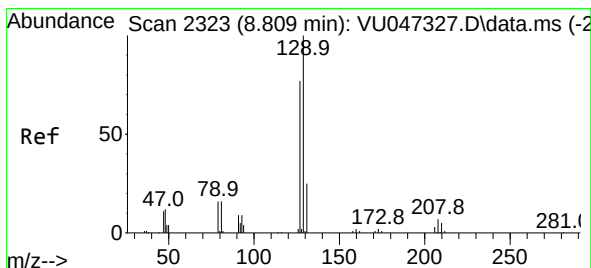
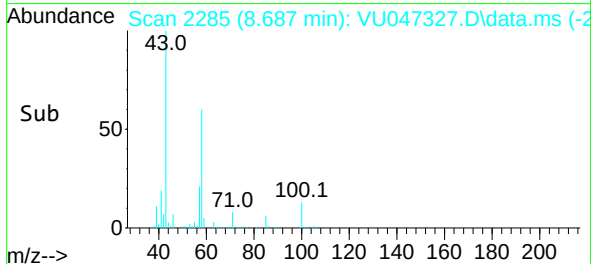
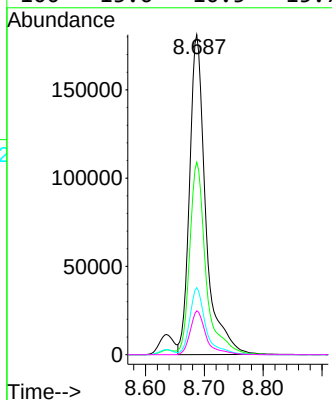
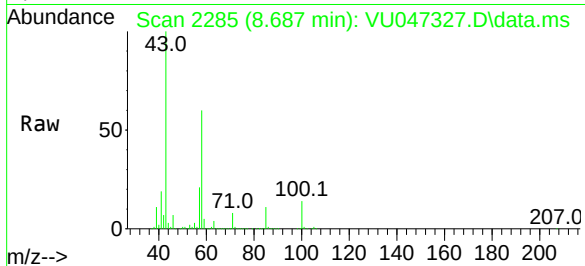




#48
2-Hexanone
Concen: 52.430 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047327.D
Acq: 04 Mar 2022 13:28

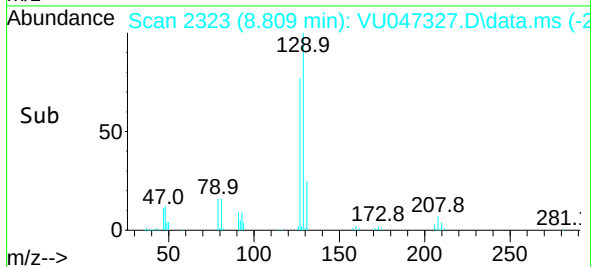
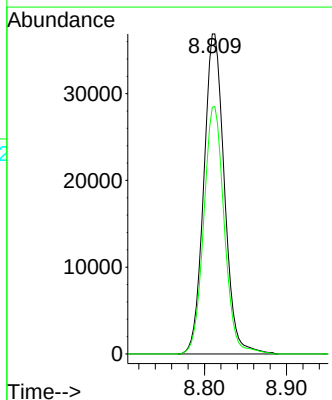
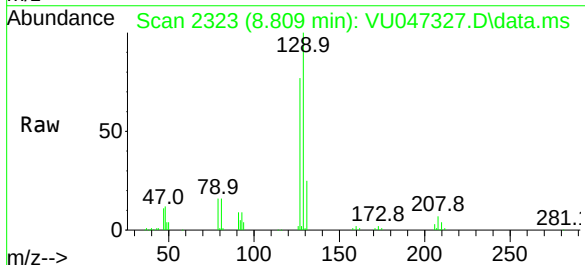
Instrument :
MSVOA_U
ClientSampleId :
VSTD005009

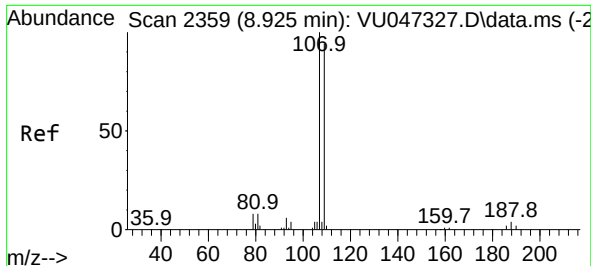
Tgt Ion: 43 Resp: 345867
Ion Ratio Lower Upper
43 100
58 60.3 46.7 70.1
57 20.6 16.3 24.5
100 13.6 10.5 15.7



#49
Dibromochloromethane
Concen: 5.467 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU047327.D
Acq: 04 Mar 2022 13:28

Tgt Ion: 129 Resp: 64223
Ion Ratio Lower Upper
129 100
127 77.0 55.4 102.8

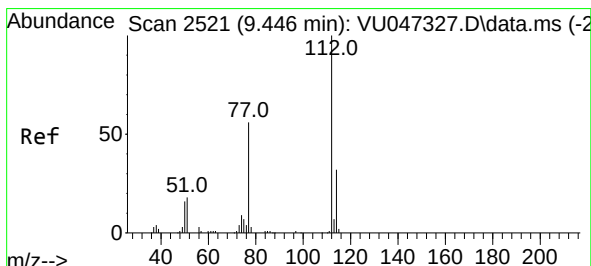
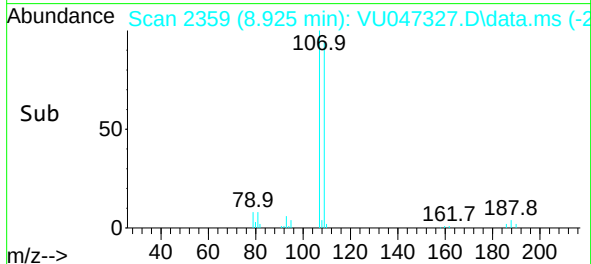
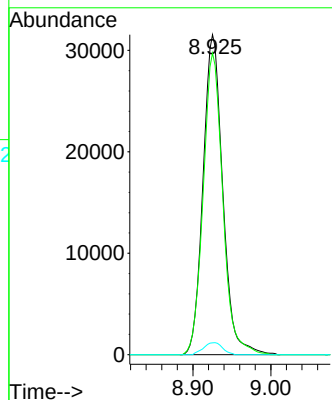
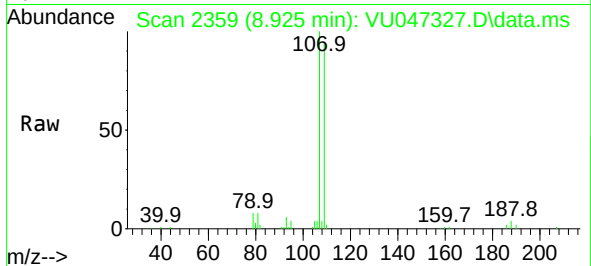




#50
1,2-Dibromoethane
Concen: 5.340 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047327.D
Acq: 04 Mar 2022 13:28

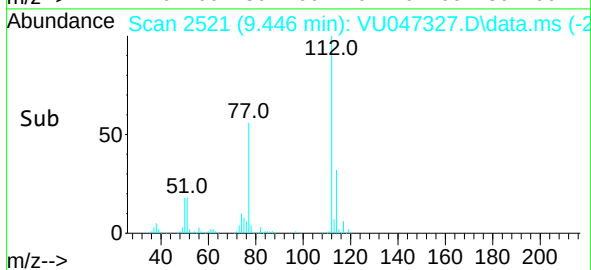
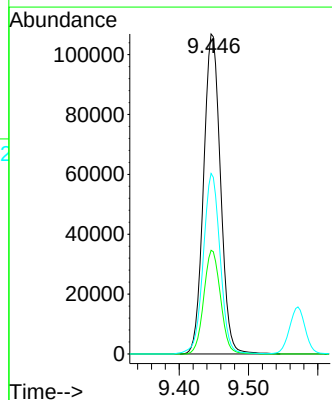
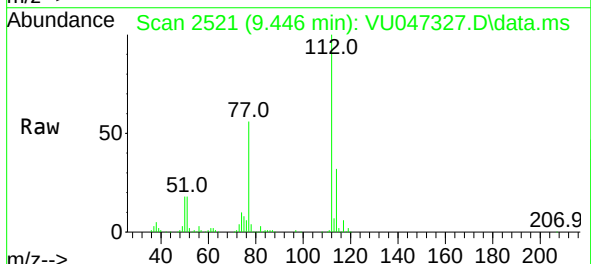
Instrument :
MSVOA_U
ClientSampleId :
VSTD005009

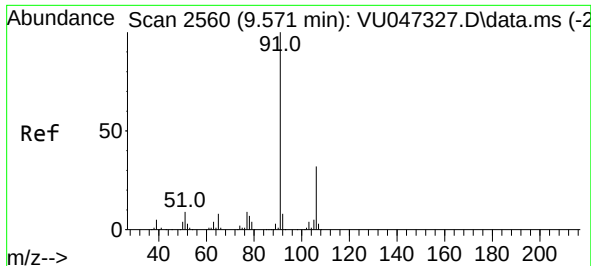
Tgt Ion:107 Resp: 55425
Ion Ratio Lower Upper
107 100
109 94.3 64.0 119.0
188 3.7 2.4 3.6#



#51
Chlorobenzene
Concen: 5.156 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU047327.D
Acq: 04 Mar 2022 13:28

Tgt Ion:112 Resp: 181293
Ion Ratio Lower Upper
112 100
114 32.4 22.1 41.1
77 56.4 48.3 72.5

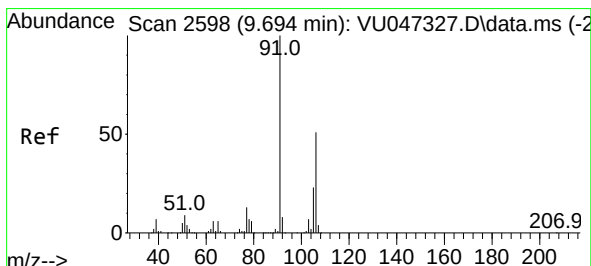
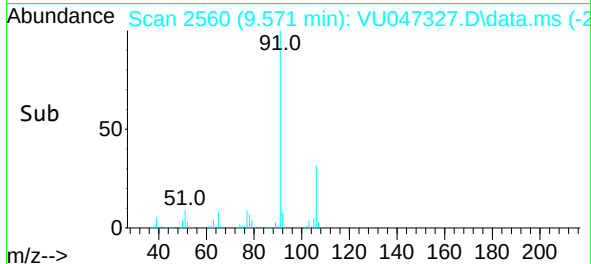
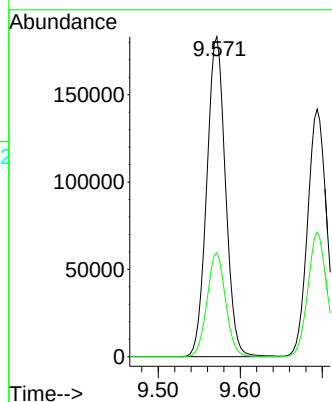
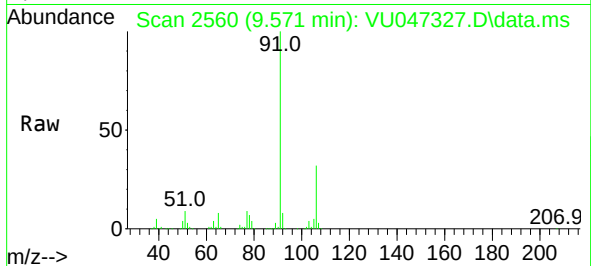




#52
Ethylbenzene
Concen: 5.330 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047327.D
Acq: 04 Mar 2022 13:28

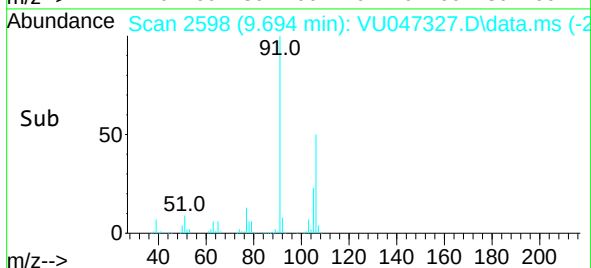
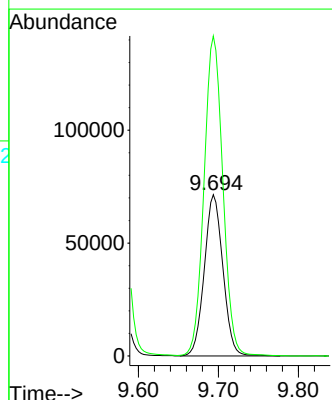
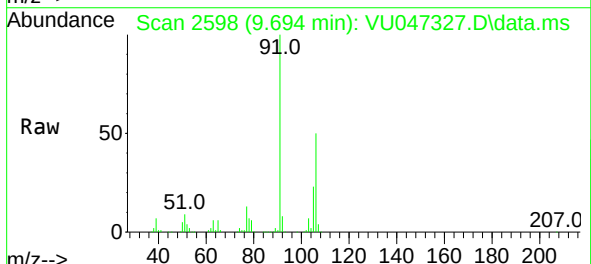
Instrument :
MSVOA_U
ClientSampleId :
VSTD005009

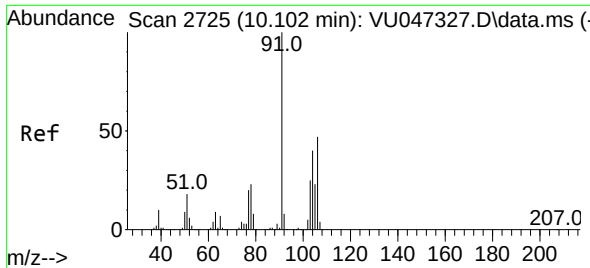
Tgt Ion: 91 Resp: 290379
Ion Ratio Lower Upper
91 100
106 32.5 21.5 39.9



#53
m,p-Xylene
Concen: 5.311 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU047327.D
Acq: 04 Mar 2022 13:28

Tgt Ion: 106 Resp: 115767
Ion Ratio Lower Upper
106 100
91 198.4 139.4 259.0

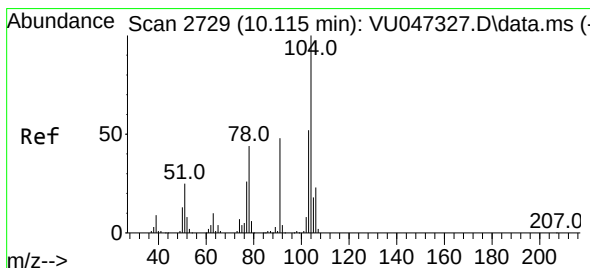
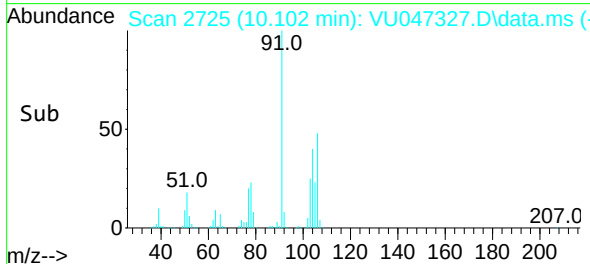
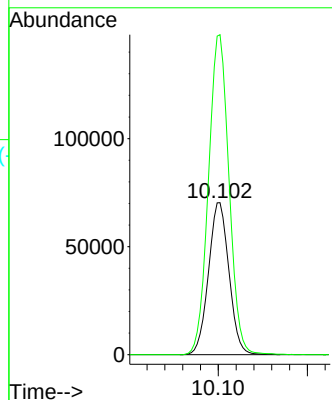
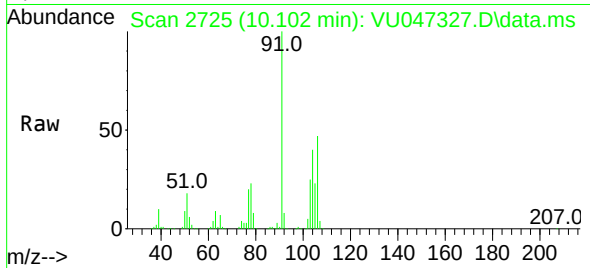




#54
o-Xylene
Concen: 5.354 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU047327.D
Acq: 04 Mar 2022 13:28

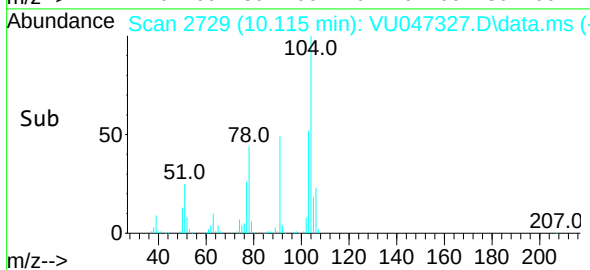
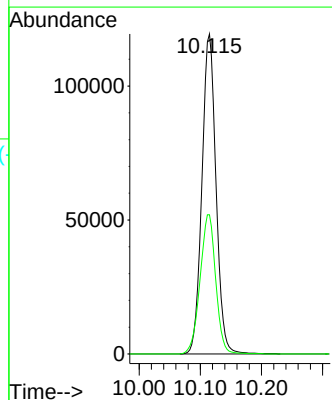
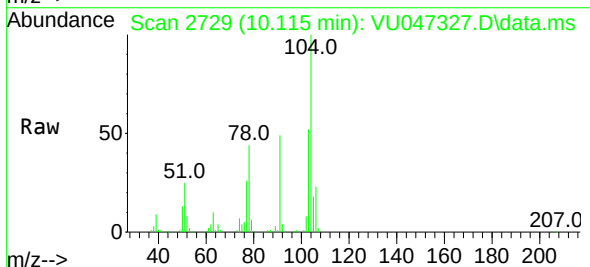
Instrument :
MSVOA_U
ClientSampleId :
VSTD005009

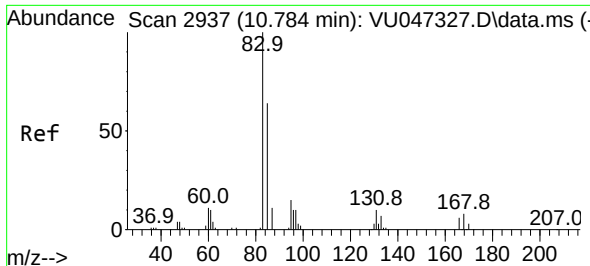
Tgt Ion:106 Resp: 112163
Ion Ratio Lower Upper
106 100
91 210.6 147.5 273.9



#55
Styrene
Concen: 5.459 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU047327.D
Acq: 04 Mar 2022 13:28

Tgt Ion:104 Resp: 191326
Ion Ratio Lower Upper
104 100
78 43.5 33.0 61.4

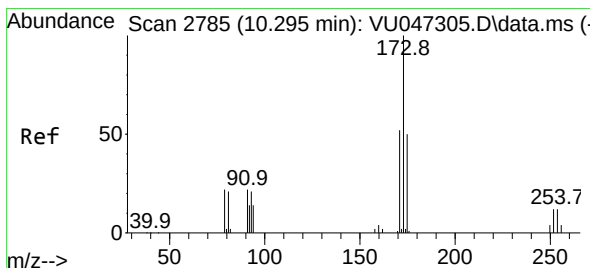
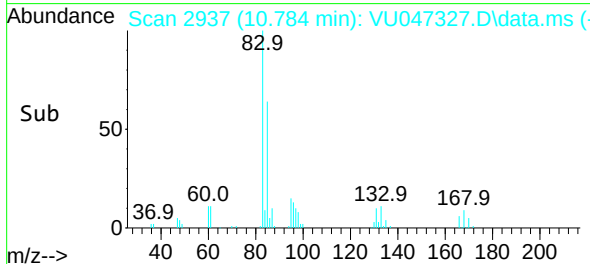
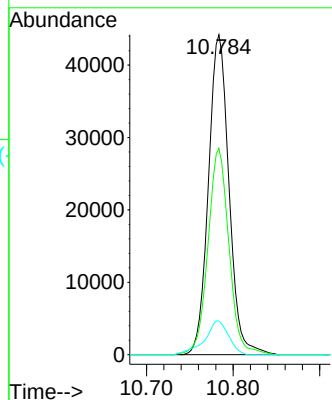
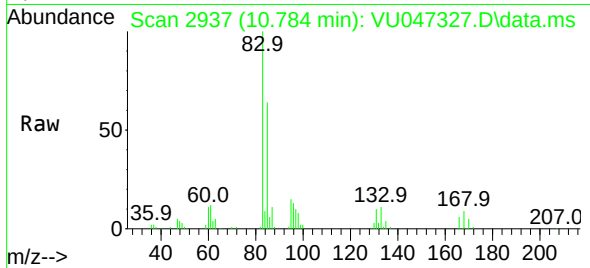




#57
1,1,2,2-Tetrachloroethane
Concen: 5.217 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047327.D
Acq: 04 Mar 2022 13:28

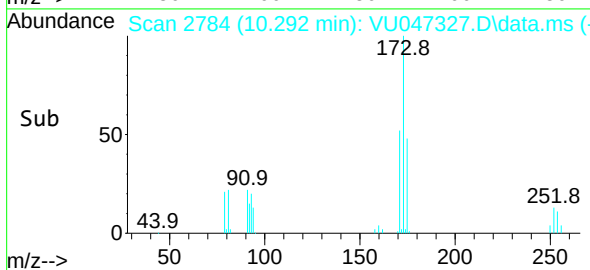
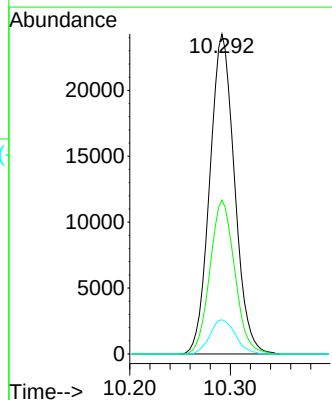
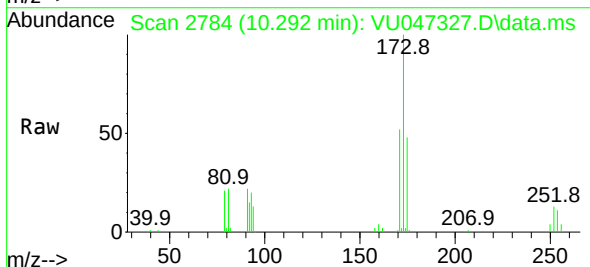
Instrument :
MSVOA_U
ClientSampleId :
VSTD005009

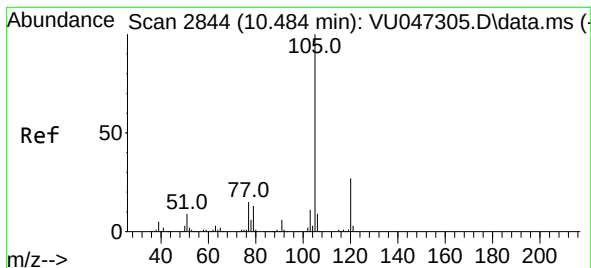
Tgt Ion: 83 Resp: 72746
Ion Ratio Lower Upper
83 100
85 64.5 47.9 89.1
131 10.5 8.1 12.1



#59
Bromoform
Concen: 5.000 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU047327.D
Acq: 04 Mar 2022 13:28

Tgt Ion: 173 Resp: 41458
Ion Ratio Lower Upper
173 100
175 48.0 37.8 56.6
254 11.0 7.3 10.9#





#60

Isopropylbenzene

Concen: 5.000 ug/L

RT: 10.485 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047327.D

Acq: 04 Mar 2022 13:28

Instrument :

MSVOA_U

ClientSampleId :

VSTD005009

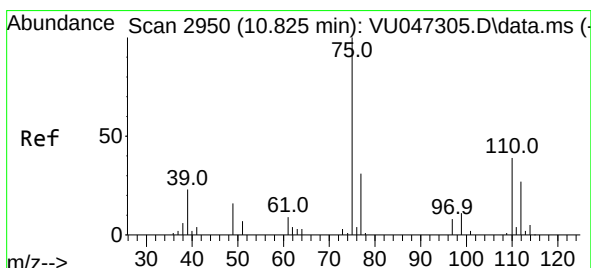
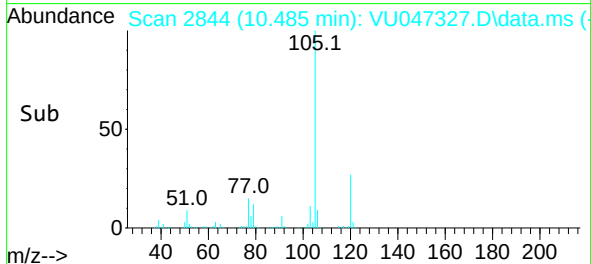
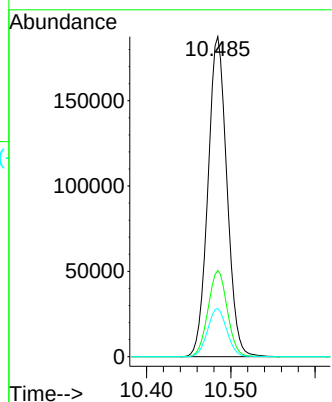
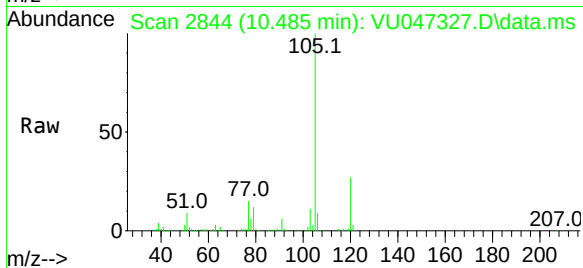
Tgt Ion:105 Resp: 293594

Ion Ratio Lower Upper

105 100

120 27.3 20.7 31.1

77 15.2 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.000 ug/L

RT: 10.822 min Scan# 2949

Delta R.T. 0.000 min

Lab File: VU047327.D

Acq: 04 Mar 2022 13:28

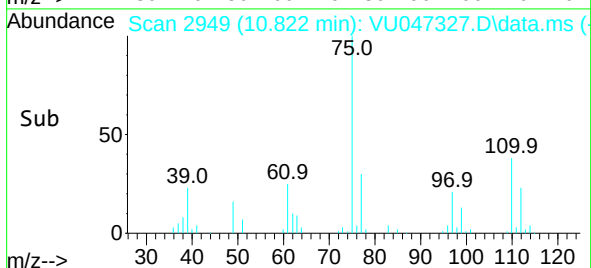
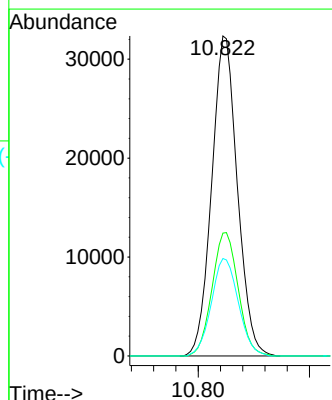
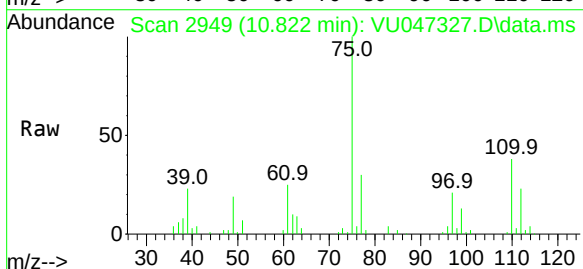
Tgt Ion: 75 Resp: 51672

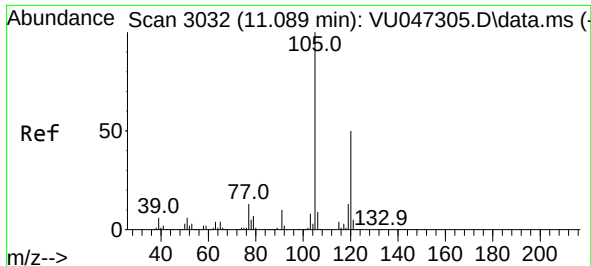
Ion Ratio Lower Upper

75 100

110 39.3 29.9 44.9

77 32.1 25.5 38.3

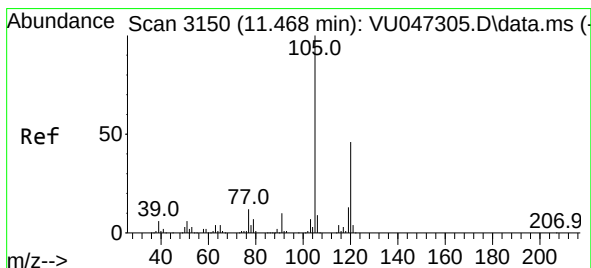
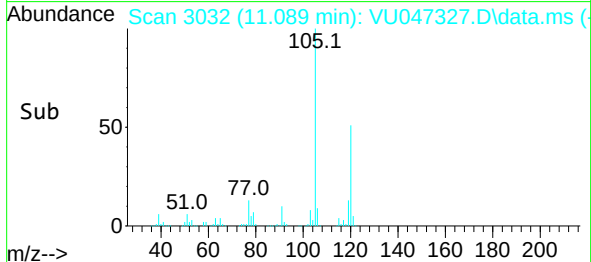
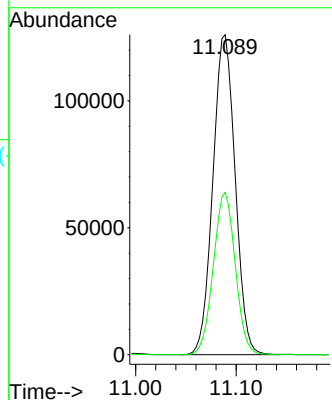
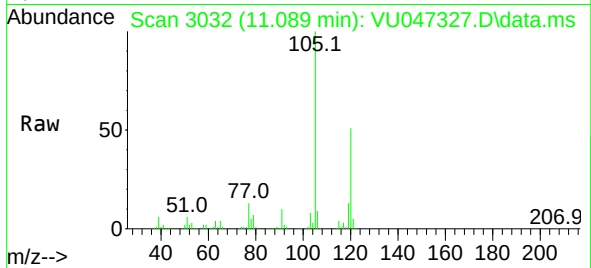




#62
1,3,5-Trimethylbenzene
Concen: 5.000 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047327.D
Acq: 04 Mar 2022 13:28

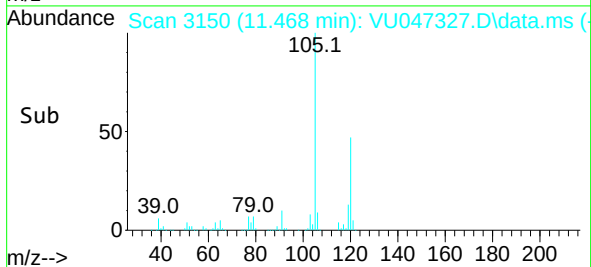
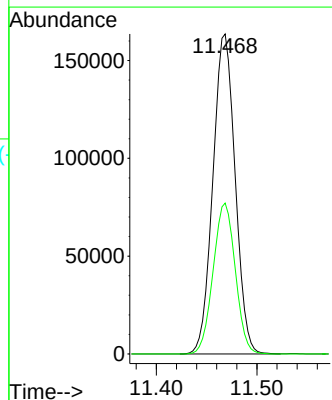
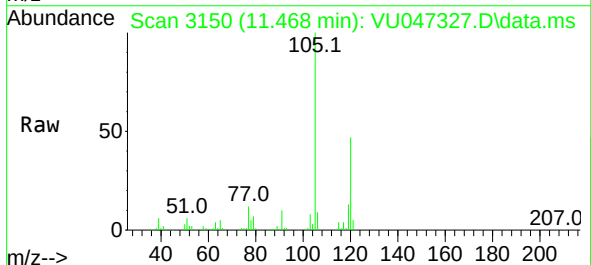
Instrument :
MSVOA_U
ClientSampleId :
VSTD005009

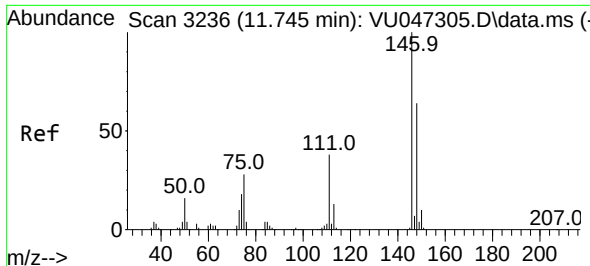
Tgt Ion:105 Resp: 194201
Ion Ratio Lower Upper
105 100
120 49.9 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 5.000 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047327.D
Acq: 04 Mar 2022 13:28

Tgt Ion:105 Resp: 251617
Ion Ratio Lower Upper
105 100
120 46.9 35.8 53.8

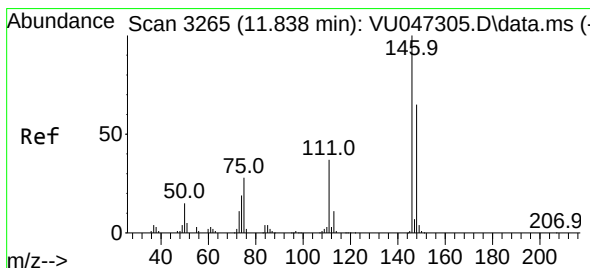
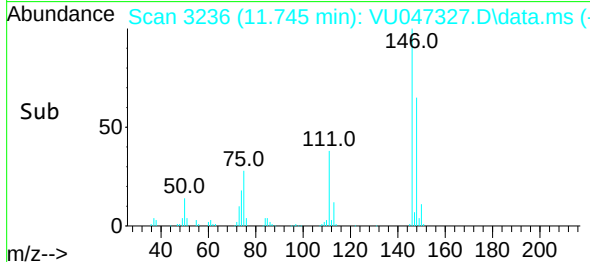
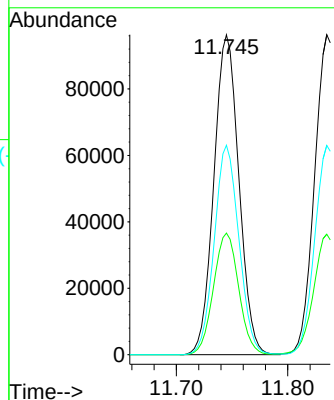
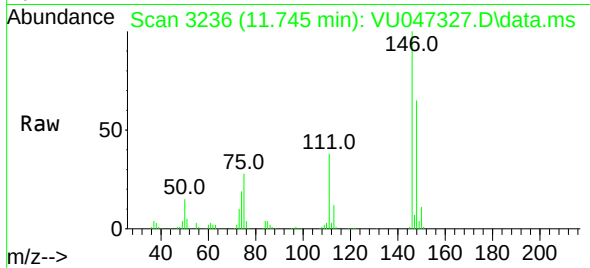




#64
1,3-Dichlorobenzene
Concen: 5.000 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047327.D
Acq: 04 Mar 2022 13:28

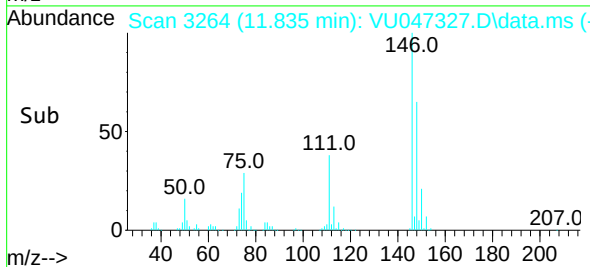
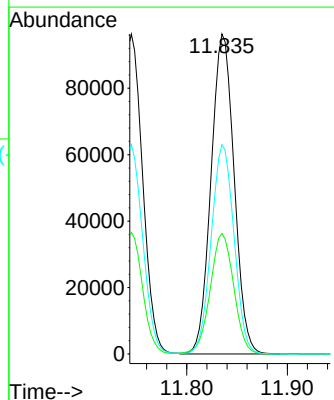
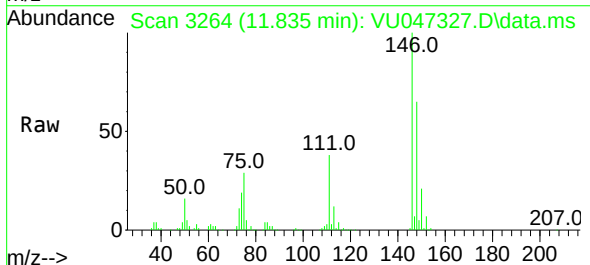
Instrument :
MSVOA_U
ClientSampleId :
VSTD005009

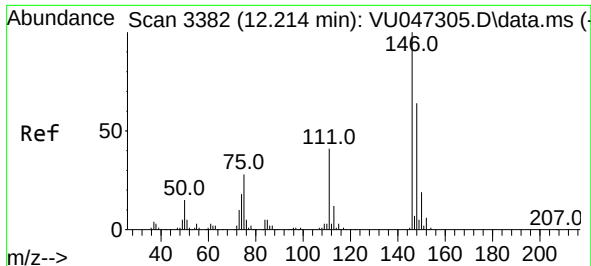
Tgt Ion:146 Resp: 150270
Ion Ratio Lower Upper
146 100
111 38.0 29.9 55.5
148 65.5 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.000 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU047327.D
Acq: 04 Mar 2022 13:28

Tgt Ion:146 Resp: 153674
Ion Ratio Lower Upper
146 100
111 37.7 28.7 53.3
148 65.4 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.000 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU047327.D

Acq: 04 Mar 2022 13:28

Instrument :

MSVOA_U

ClientSampleId :

VSTD005009

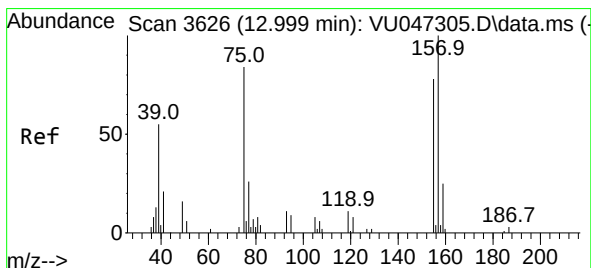
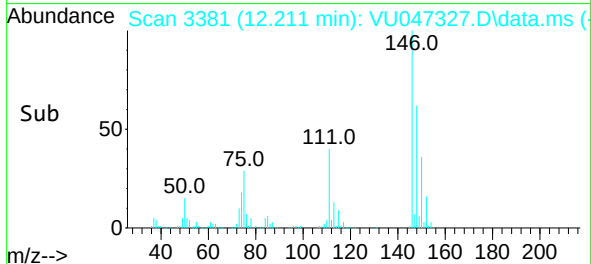
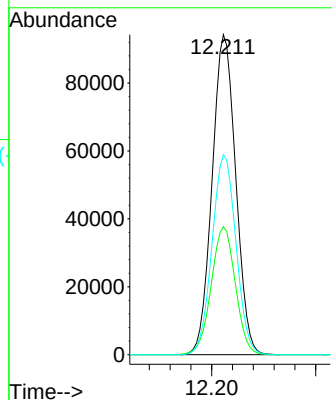
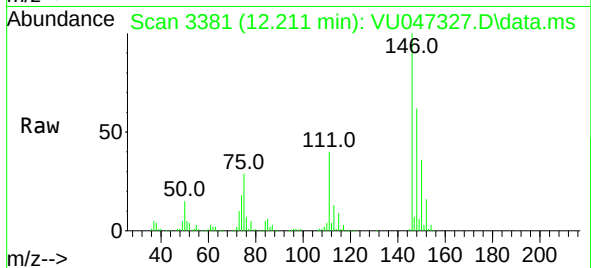
Tgt Ion:146 Resp: 148856

Ion Ratio Lower Upper

146 100

111 40.0 35.4 53.0

148 62.5 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.000 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU047327.D

Acq: 04 Mar 2022 13:28

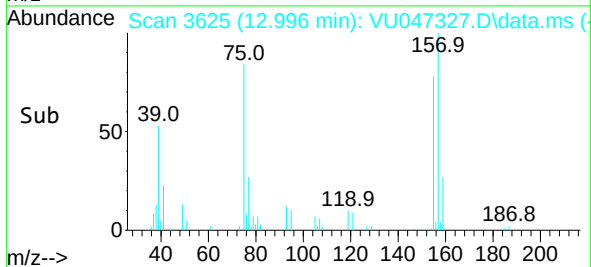
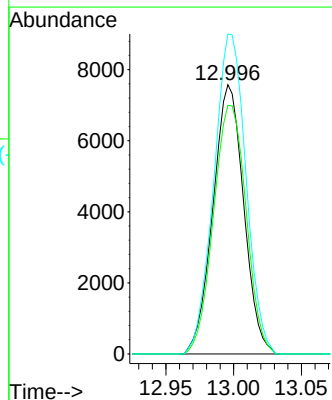
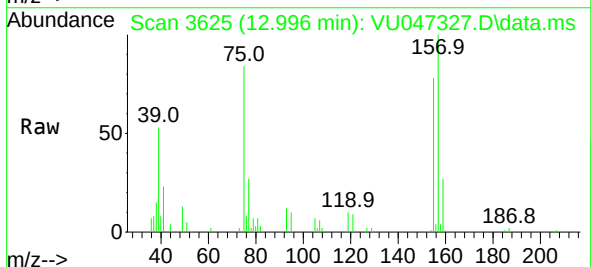
Tgt Ion: 75 Resp: 11963

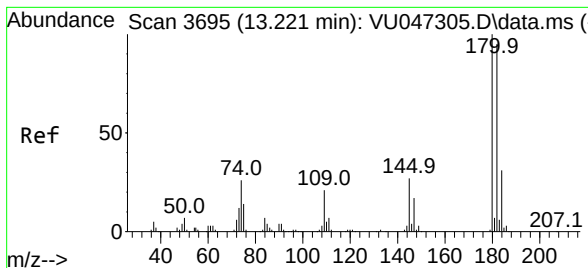
Ion Ratio Lower Upper

75 100

155 92.4 59.2 88.8#

157 118.8 76.5 114.7#



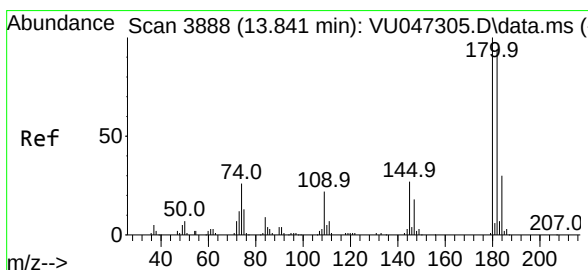
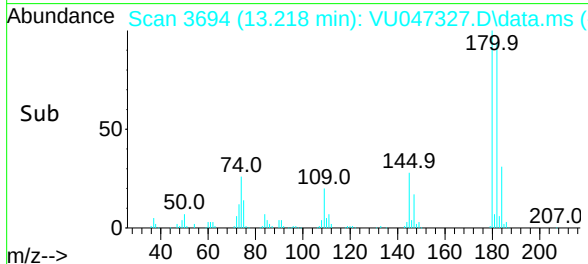
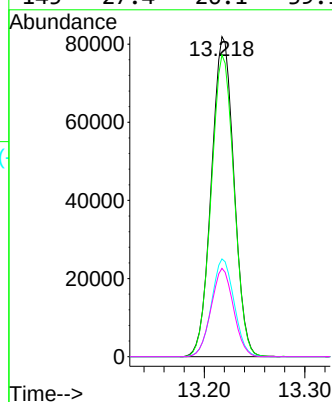
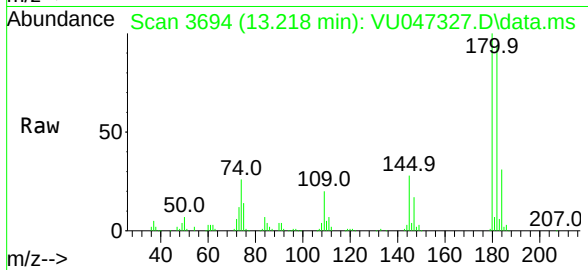


#69
 1,3,5-Trichlorobenzene
 Concen: 5.000 ug/L
 RT: 13.218 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU047327.D
 Acq: 04 Mar 2022 13:28

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005009

Tgt Ion:180 Resp: 127534

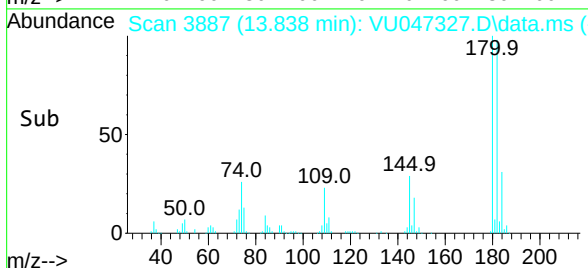
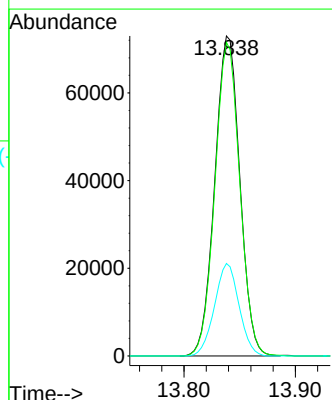
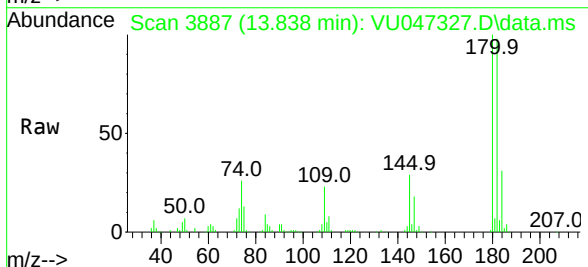
Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.1	114.1
184	30.6	25.0	37.4
145	27.4	26.1	39.1

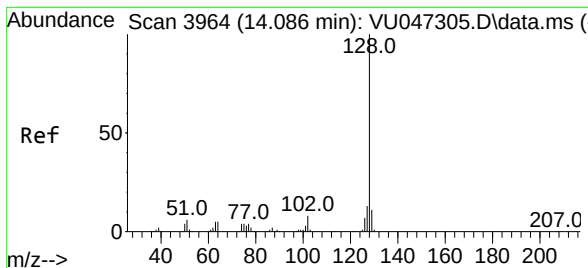


#70
 1,2,4-trichlorobenzene
 Concen: 5.000 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU047327.D
 Acq: 04 Mar 2022 13:28

Tgt Ion:180 Resp: 114168

Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.4	114.6
145	28.2	25.6	38.4

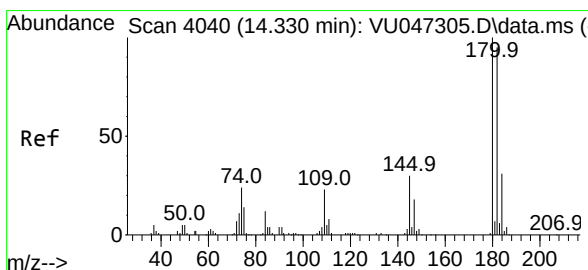
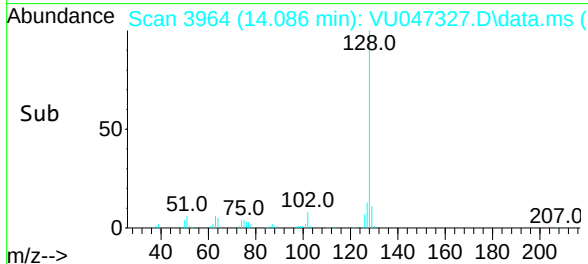
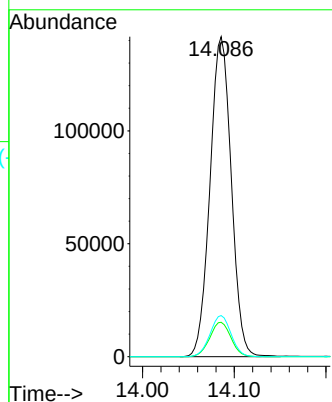
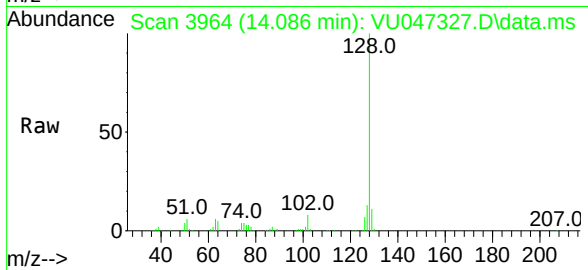




#71
Naphthalene
Concen: 5.000 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU047327.D
Acq: 04 Mar 2022 13:28

Instrument :
MSVOA_U
ClientSampleId :
VSTD005009

Tgt Ion:128 Resp: 227973
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 12.7 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.000 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047327.D
Acq: 04 Mar 2022 13:28

Tgt Ion:180 Resp: 107374
Ion Ratio Lower Upper
180 100
182 95.3 76.2 114.4
145 30.0 28.4 42.6

