

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
 Data File : VU047632.D
 Acq On : 24 Mar 2022 12:33
 Operator : SY/MD
 Sample : VSTD00549
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005049

Quant Time: Mar 24 23:07:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 24 23:06:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	203399	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	215937	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	123393	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	13013	7.892	ug/L	0.00
7) Chloroethane-d5	1.919	69	9874	7.745	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	21342	7.312	ug/L	0.00
21) 2-Butanone-d5	4.649	46	19576	14.700	ug/L	0.00
24) Chloroform-d	5.067	84	23006	8.276	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	14313	7.768	ug/L	0.00
32) Benzene-d6	5.729	84	43475	7.151	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	13272	7.069	ug/L	0.00
41) Toluene-d8	7.899	98	39484	7.055	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	6648	7.287	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	12565	13.604	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	21843	7.503	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	17259	7.351	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	14835	7.137	ug/L	99
3) Chloromethane	1.523	50	13569	7.170	ug/L	97
5) Vinyl chloride	1.607	62	14245	7.467	ug/L	99
6) Bromomethane	1.864	94	6908	6.480	ug/L	93
8) Chloroethane	1.938	64	9072	8.140	ug/L	97
9) Trichlorofluoromethane	2.144	101	19317	7.665	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	11384	7.962	ug/L	98
12) 1,1-Dichloroethene	2.584	96	10067	7.442	ug/L	99
13) Acetone	2.658	43	15866	10.501	ug/L	95
14) Carbon disulfide	2.800	76	32650	7.780	ug/L	99
15) Methyl Acetate	2.964	43	13193	7.035	ug/L	98
16) Methylene chloride	3.054	84	12036	7.459	ug/L	96
17) trans-1,2-Dichloroethene	3.363	96	10606	7.422	ug/L	94
18) Methyl tert-butyl Ether	3.369	73	28946	6.668	ug/L	99
19) 1,1-Dichloroethane	3.874	63	19529	7.526	ug/L	95
20) cis-1,2-Dichloroethene	4.674	96	11796	7.603	ug/L	94
22) 2-Butanone	4.723	43	18312	10.876	ug/L	96
23) Bromochloromethane	4.980	128	6847	8.520	ug/L	94
25) Chloroform	5.092	83	20984	7.308	ug/L	98
27) 1,2-Dichloroethane	5.800	62	15950	7.480	ug/L	98
29) Cyclohexane	5.391	56	13761	5.858	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	18209	7.195	ug/L	97
31) Carbon tetrachloride	5.526	117	15690	7.239	ug/L	99
33) Benzene	5.777	78	44747	7.131	ug/L	100
34) Trichloroethene	6.542	95	11401	6.926	ug/L	98
35) Methylcyclohexane	6.764	83	15332	6.113	ug/L	95
37) 1,2-Dichloropropane	6.793	63	11097	6.786	ug/L	# 97
38) Bromodichloromethane	7.108	83	15558	7.109	ug/L	93
39) cis-1,3-Dichloropropene	7.610	75	15847	6.396	ug/L	97
40) 4-Methyl-2-pentanone	7.796	43	31410	13.053	ug/L	96
42) Toluene	7.970	91	44579	6.604	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	15818	6.514	ug/L	85

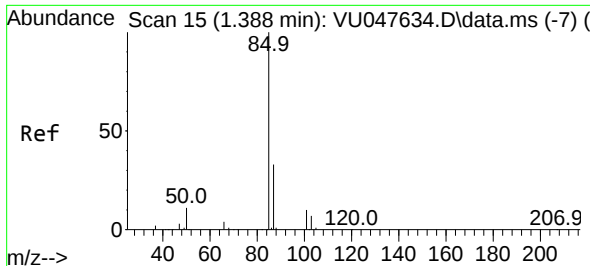
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
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Quant Time: Mar 24 23:07:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 24 23:06:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	12129	7.300	ug/L	98
46) Tetrachloroethene	8.555	164	10220	8.152	ug/L	97
48) 2-Hexanone	8.690	43	25270	11.866	ug/L	97
49) Dibromochloromethane	8.813	129	13500	7.667	ug/L	97
50) 1,2-Dibromoethane	8.925	107	13110	7.290	ug/L	97
51) Chlorobenzene	9.446	112	32391	7.385	ug/L	98
52) Ethylbenzene	9.571	91	44893	6.290	ug/L	96
53) m,p-Xylene	9.693	106	17247	6.166	ug/L	92
54) o-Xylene	10.102	106	16450	6.030	ug/L	94
55) Styrene	10.115	104	26112	5.631	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	21790	7.527	ug/L	97
59) Bromoform	10.292	173	11141	7.830	ug/L	96
60) 1,2,3-Trichloropropane	10.825	75	17087	6.658	ug/L	98
61) Isopropylbenzene	10.484	105	41459	5.563	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	20955	3.589	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	30618	4.963	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	25837	7.089	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	26836	7.116	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	25862	7.025	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.996	75	5028	7.150	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	19392	7.199	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	16480	6.901	ug/L	96
71) Naphthalene	14.089	128	39478	4.943	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	15905	6.576	ug/L	98

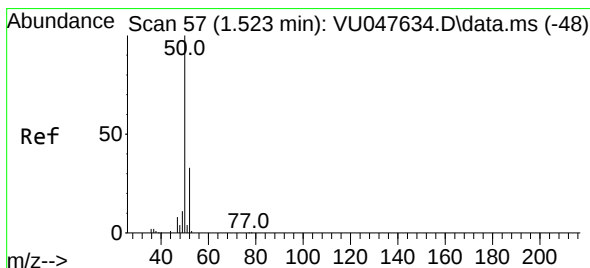
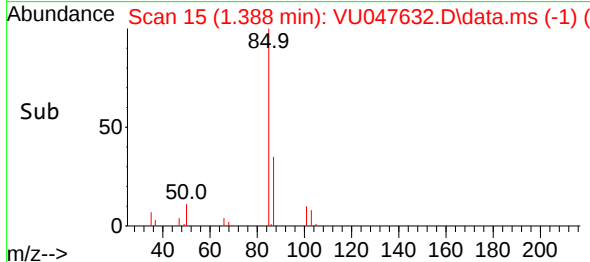
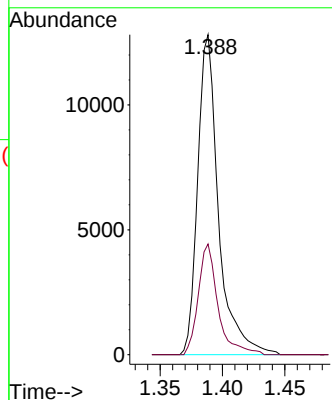
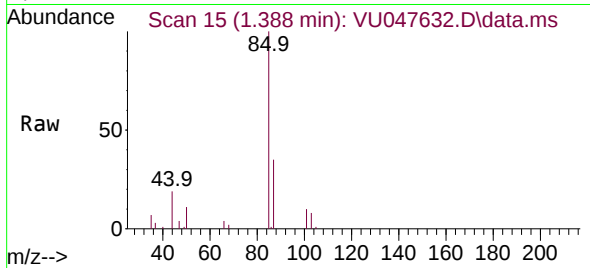
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 7.137 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

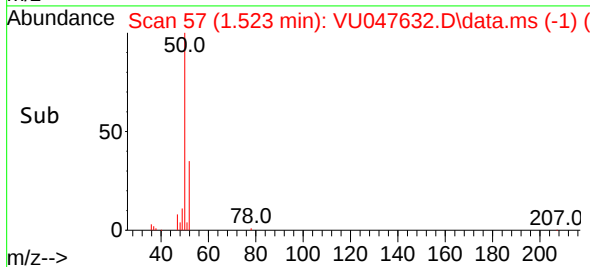
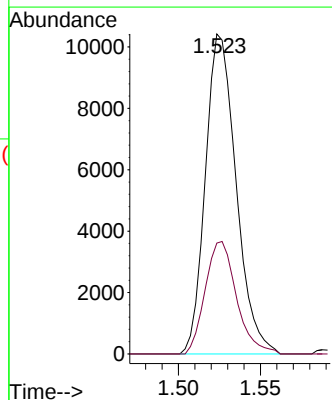
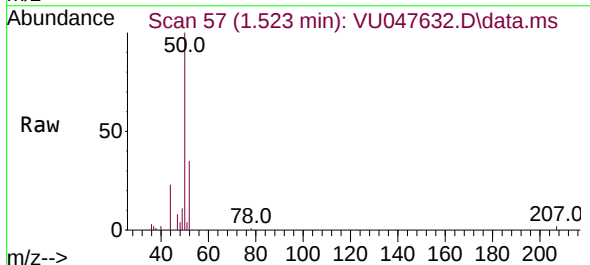
Instrument :
MSVOA_U
ClientSampleId :
VSTD005049

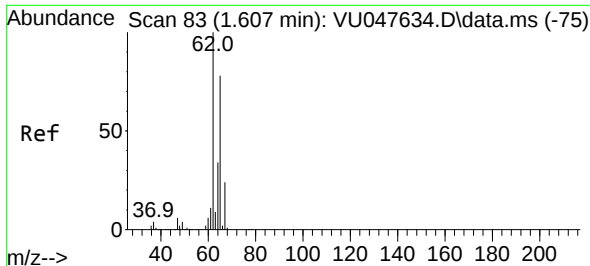
Tgt Ion: 85 Resp: 14835
Ion Ratio Lower Upper
85 100
87 32.8 25.8 38.8



#3
Chloromethane
Concen: 7.170 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

Tgt Ion: 50 Resp: 13569
Ion Ratio Lower Upper
50 100
52 34.6 23.2 43.2

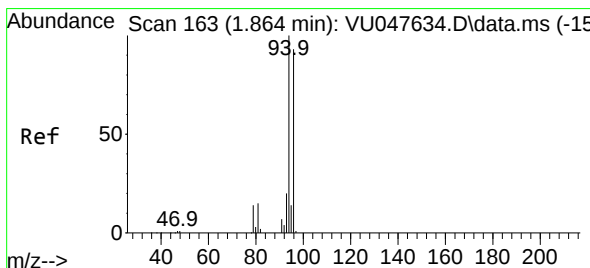
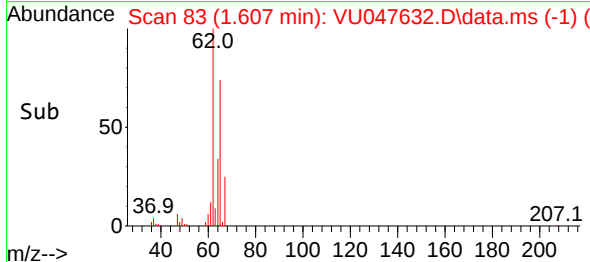
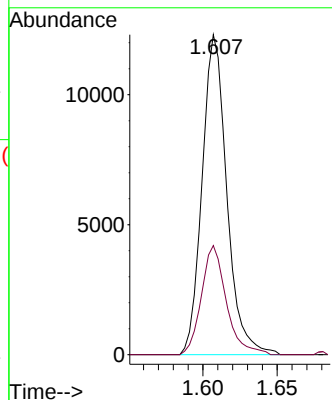
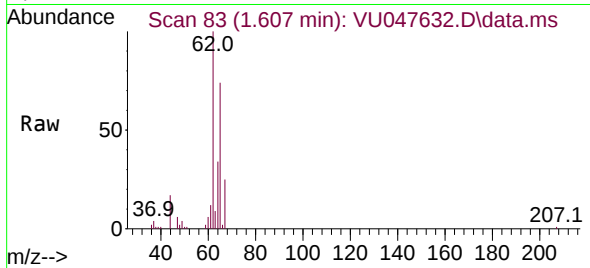




#5
 Vinyl chloride
 Concen: 7.467 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU047632.D
 Acq: 24 Mar 2022 12:33

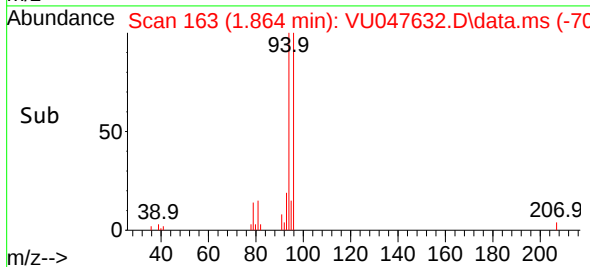
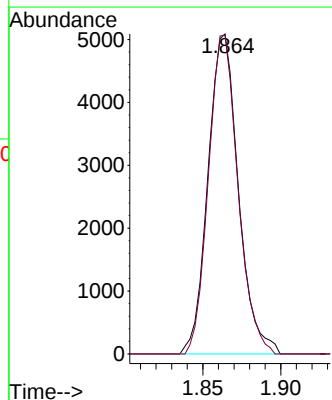
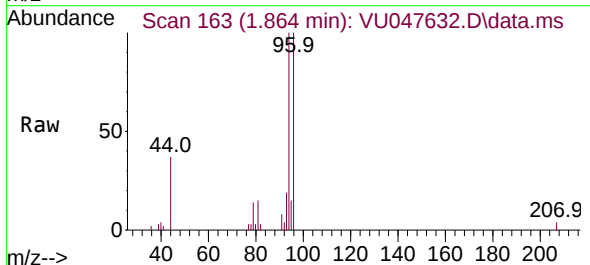
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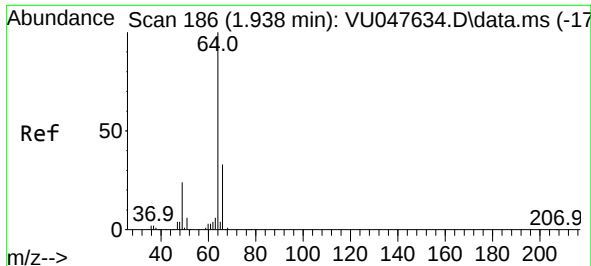
Tgt Ion: 62 Resp: 14245
 Ion Ratio Lower Upper
 62 100
 64 34.1 23.7 43.9



#6
 Bromomethane
 Concen: 6.480 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU047632.D
 Acq: 24 Mar 2022 12:33

Tgt Ion: 94 Resp: 6908
 Ion Ratio Lower Upper
 94 100
 96 99.7 64.8 120.3

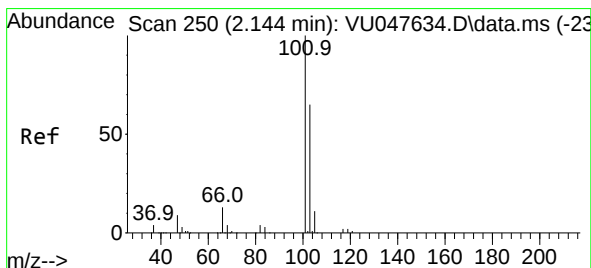
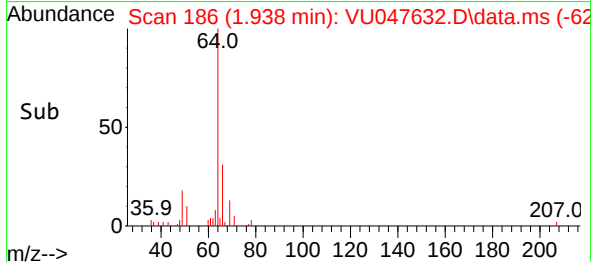
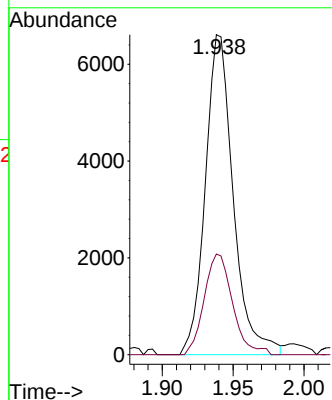
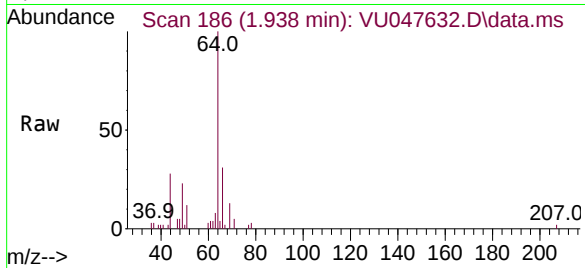




#8
Chloroethane
Concen: 8.140 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

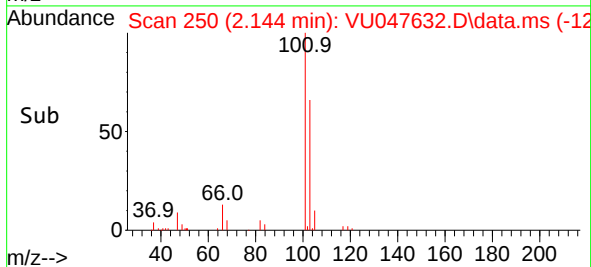
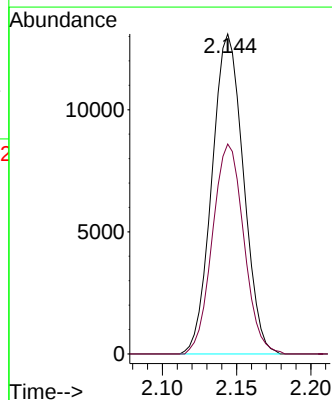
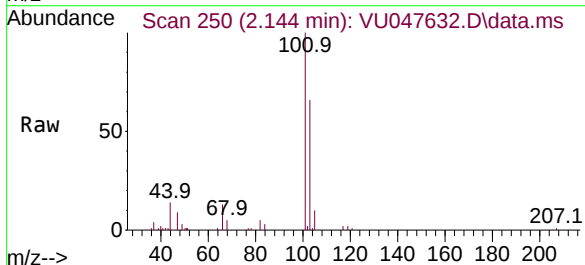
Instrument :
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ClientSampleId :
VSTD005049

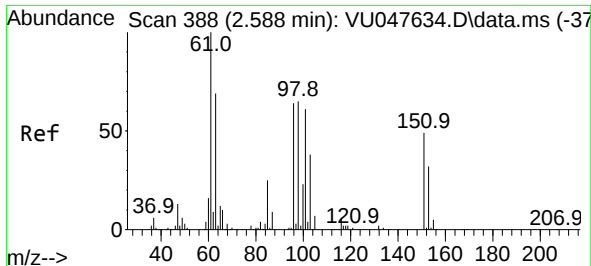
Tgt Ion: 64 Resp: 9072
Ion Ratio Lower Upper
64 100
66 31.5 23.3 43.3



#9
Trichlorofluoromethane
Concen: 7.665 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

Tgt Ion: 101 Resp: 19317
Ion Ratio Lower Upper
101 100
103 65.5 51.4 77.2

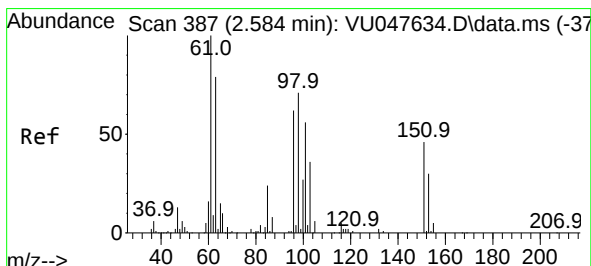
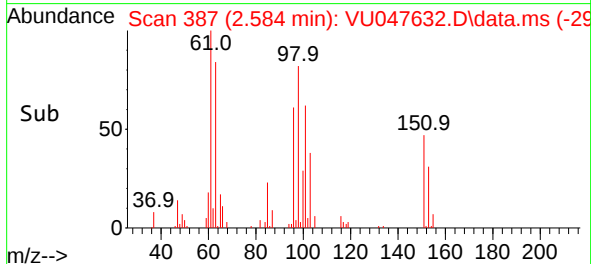
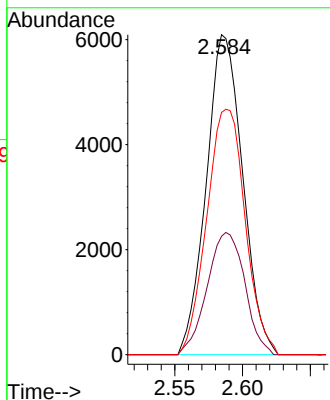
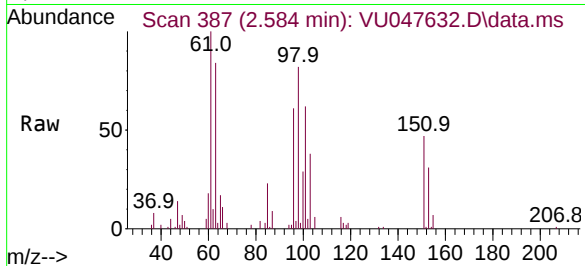




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 7.962 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

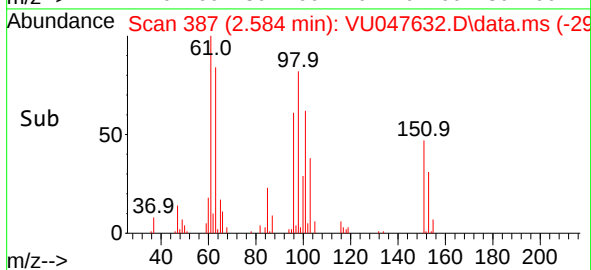
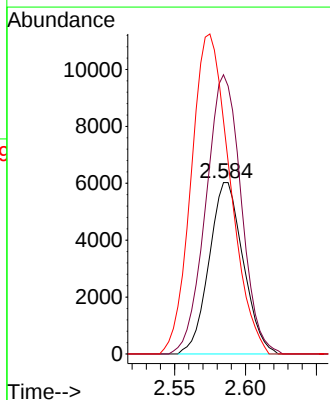
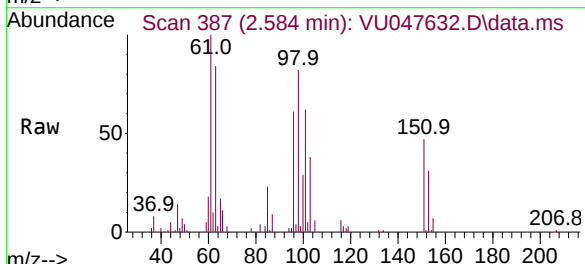
Instrument :
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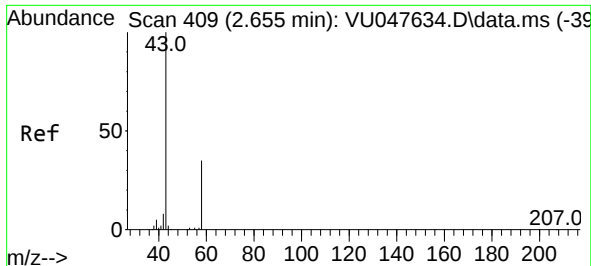
Tgt Ion:101 Resp: 11384
Ion Ratio Lower Upper
101 100
85 39.4 32.8 49.2
151 81.0 63.0 94.6



#12
1,1-Dichloroethene
Concen: 7.442 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

Tgt Ion: 96 Resp: 10067
Ion Ratio Lower Upper
96 100
61 162.9 113.1 210.1
63 136.1 94.8 176.0





#13

Acetone

Concen: 10.501 ug/L

RT: 2.658 min Scan# 410

Delta R.T. 0.003 min

Lab File: VU047632.D

Acq: 24 Mar 2022 12:33

Instrument :

MSVOA_U

ClientSampleId :

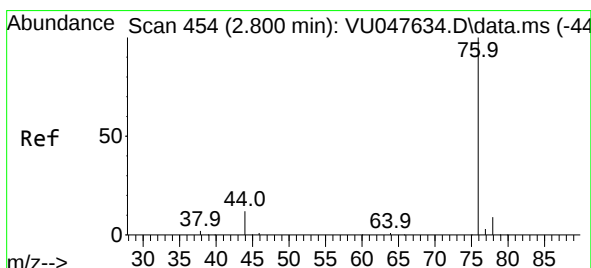
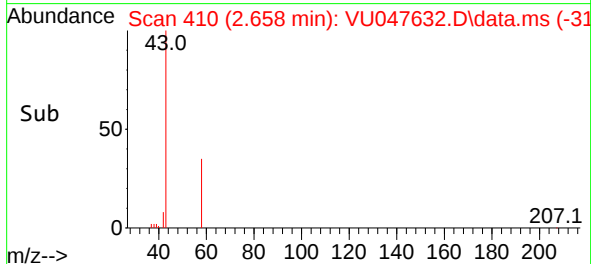
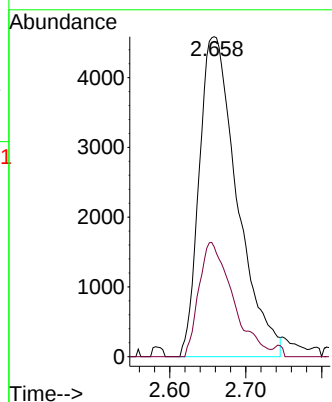
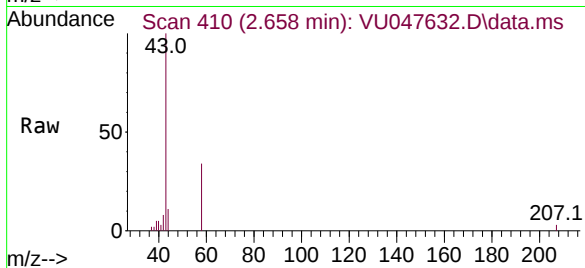
VSTD005049

Tgt Ion: 43 Resp: 15866

Ion Ratio Lower Upper

43 100

58 32.0 0.0 70.0



#14

Carbon disulfide

Concen: 7.780 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047632.D

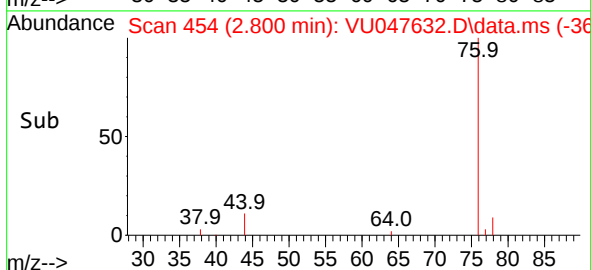
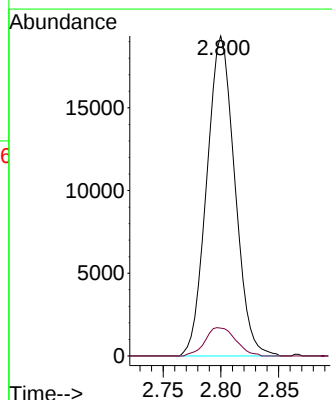
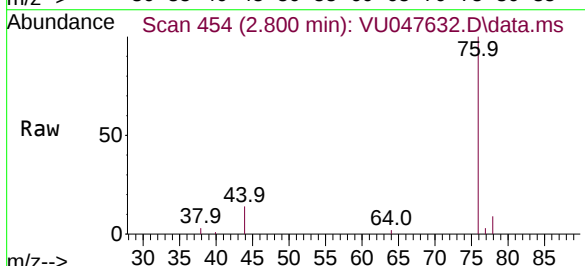
Acq: 24 Mar 2022 12:33

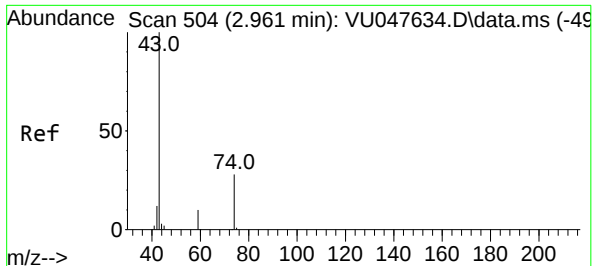
Tgt Ion: 76 Resp: 32650

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0

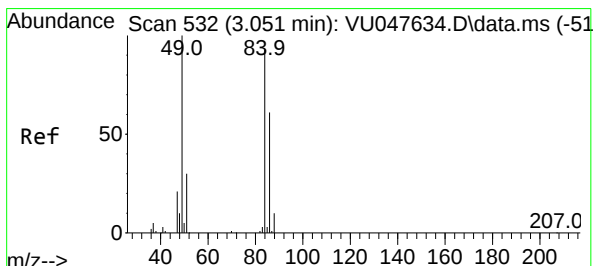
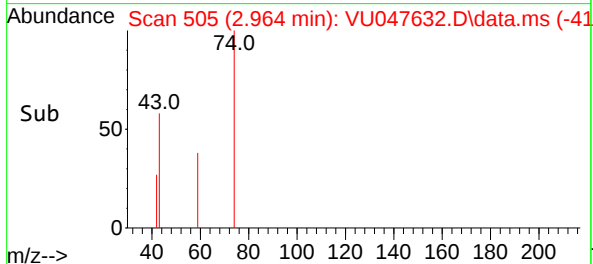
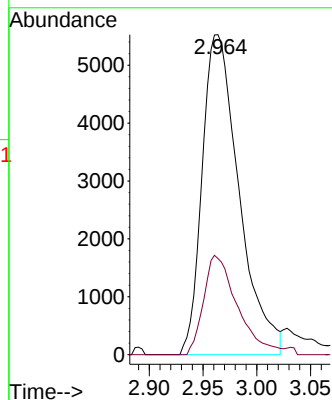
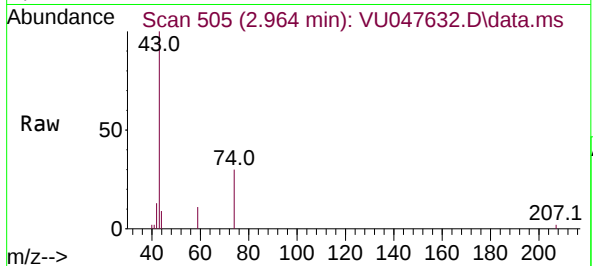




#15
Methyl Acetate
Concen: 7.035 ug/L
RT: 2.964 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

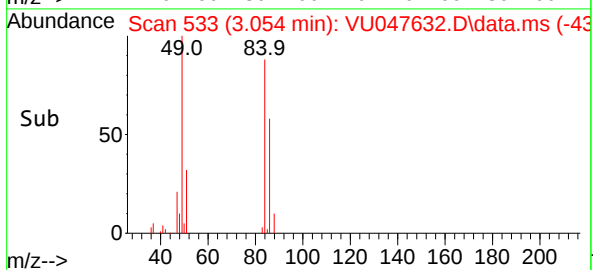
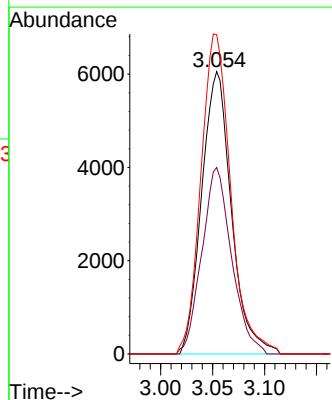
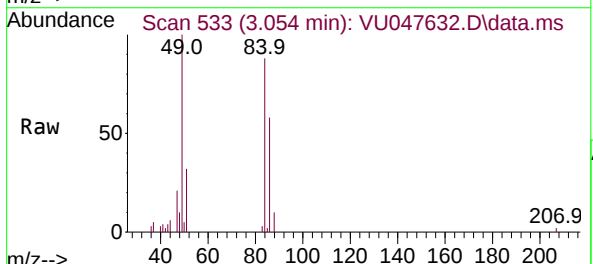
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ClientSampleId :
VSTD005049

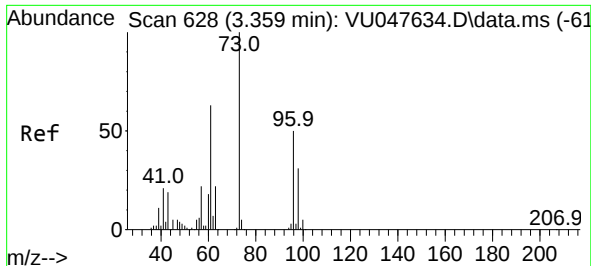
Tgt Ion: 43 Resp: 13193
Ion Ratio Lower Upper
43 100
74 28.5 22.2 33.2



#16
Methylene chloride
Concen: 7.459 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

Tgt Ion: 84 Resp: 12036
Ion Ratio Lower Upper
84 100
86 66.0 46.0 85.4
49 113.1 75.3 139.8

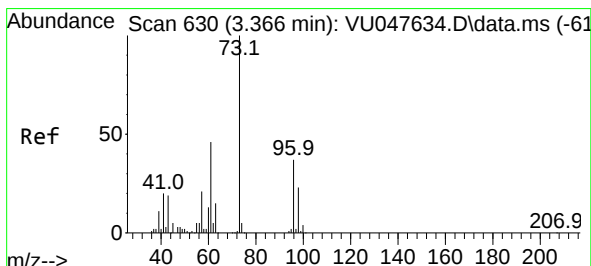
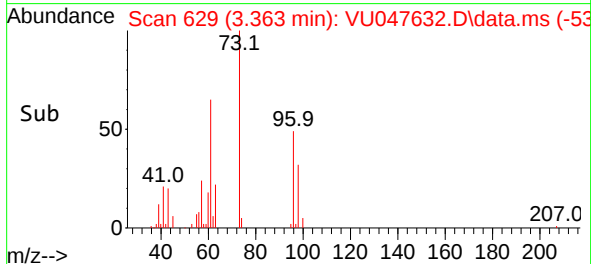
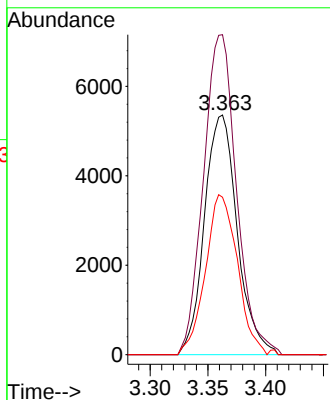
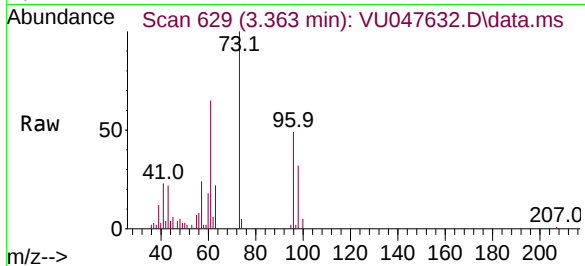




#17
trans-1,2-Dichloroethene
Concen: 7.422 ug/L
RT: 3.363 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

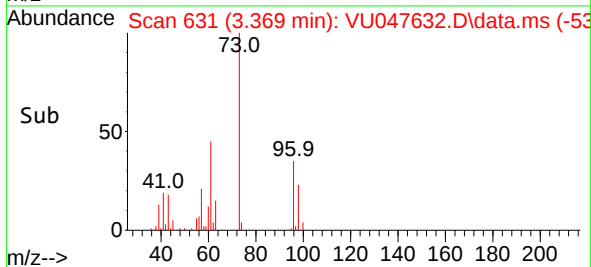
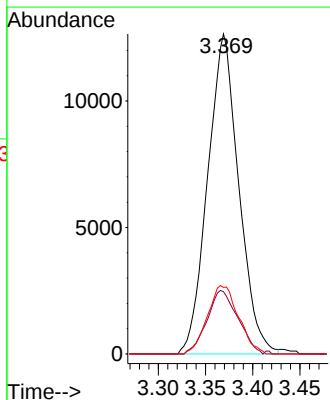
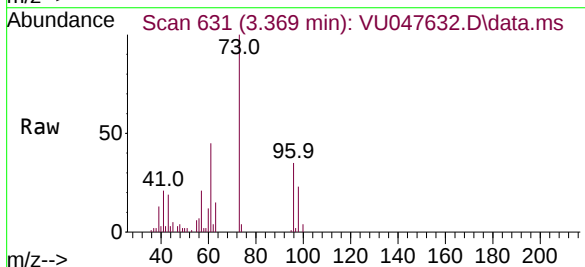
Instrument :
MSVOA_U
ClientSampleId :
VSTD005049

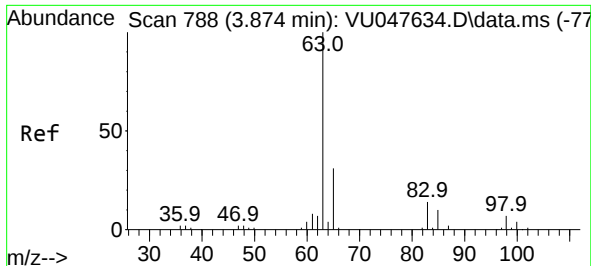
Tgt Ion: 96 Resp: 10606
Ion Ratio Lower Upper
96 100
61 133.5 88.4 164.2
98 65.7 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 6.668 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.003 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

Tgt Ion: 73 Resp: 28946
Ion Ratio Lower Upper
73 100
43 19.7 15.3 22.9
57 21.3 17.0 25.6





#19

1,1-Dichloroethane

Concen: 7.526 ug/L

RT: 3.874 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU047632.D

Acq: 24 Mar 2022 12:33

Instrument :

MSVOA_U

ClientSampleId :

VSTD005049

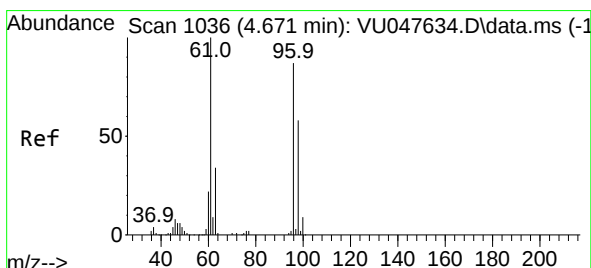
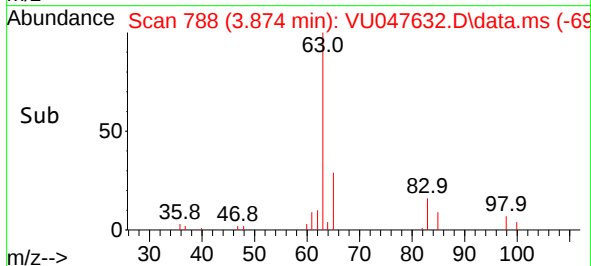
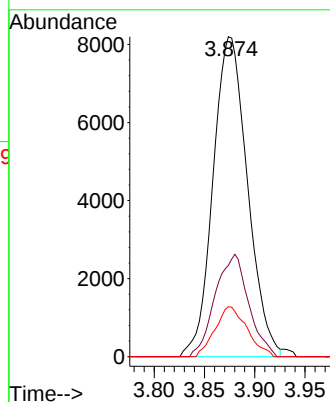
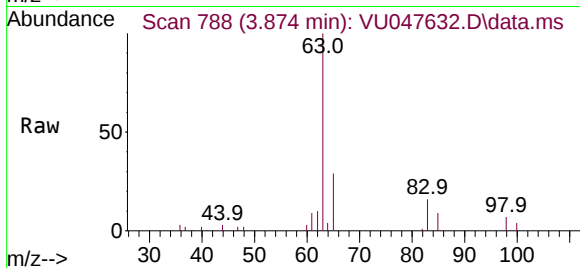
Tgt Ion: 63 Resp: 19529

Ion Ratio Lower Upper

63 100

65 28.5 22.0 41.0

83 15.6 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 7.603 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VU047632.D

Acq: 24 Mar 2022 12:33

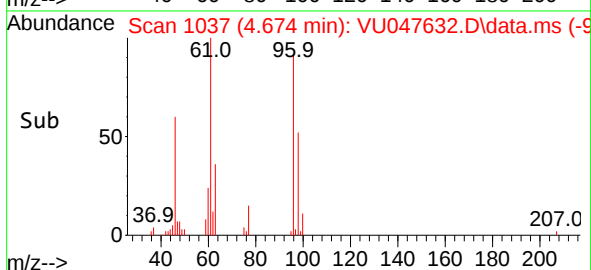
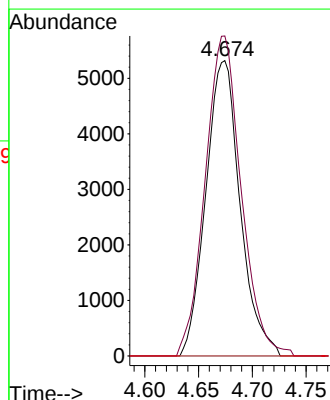
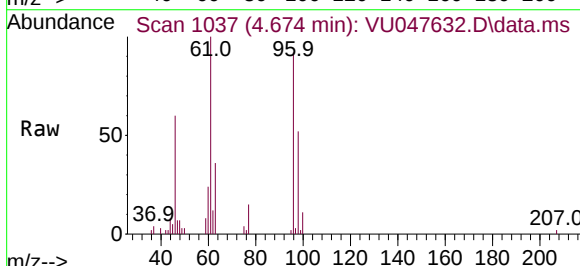
Tgt Ion: 96 Resp: 11796

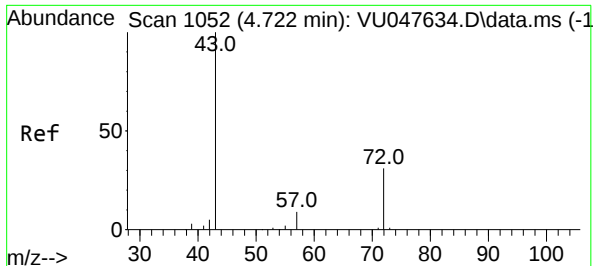
Ion Ratio Lower Upper

96 100

61 108.3 80.7 149.9

68 0.0 0.0 0.0

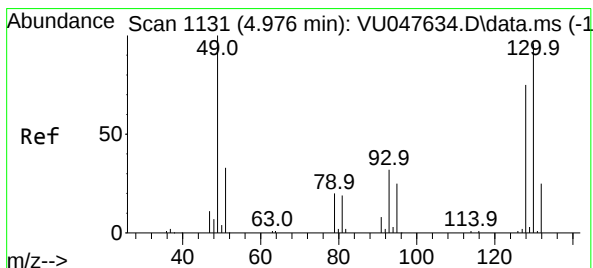
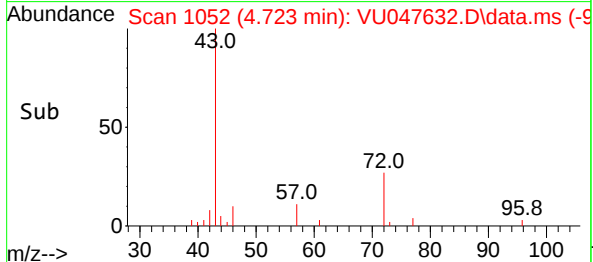
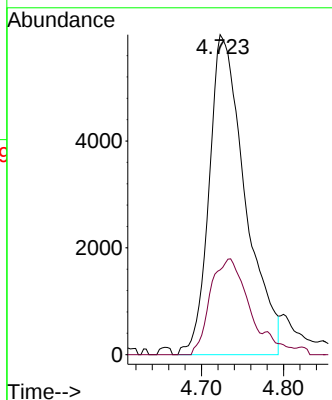
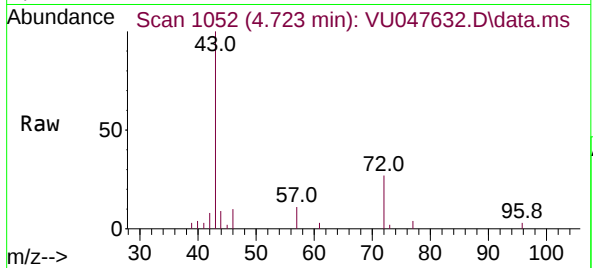




#22
2-Butanone
Concen: 10.876 ug/L
RT: 4.723 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

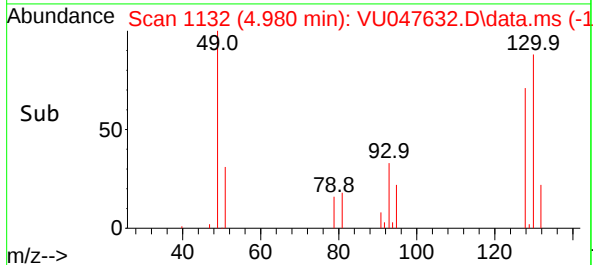
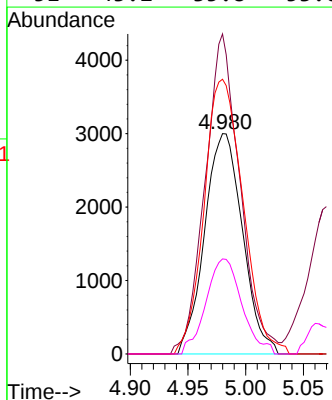
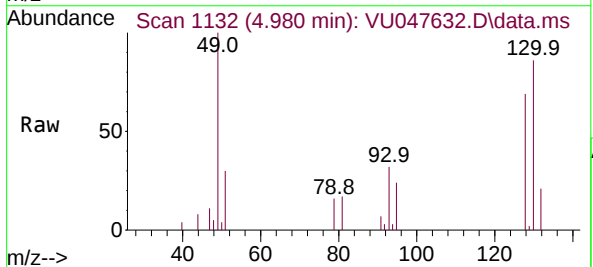
Instrument :
MSVOA_U
ClientSampleId :
VSTD005049

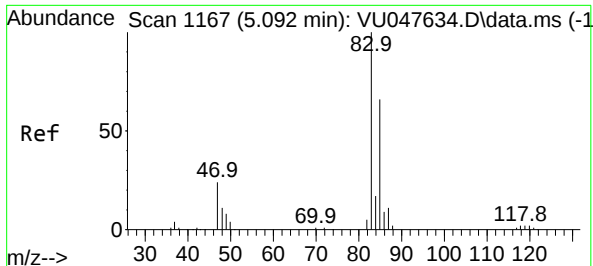
Tgt Ion: 43 Resp: 18312
Ion Ratio Lower Upper
43 100
72 29.9 16.0 47.9



#23
Bromochloromethane
Concen: 8.520 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

Tgt Ion: 128 Resp: 6847
Ion Ratio Lower Upper
128 100
49 145.3 94.1 174.8
130 124.7 90.2 167.4
51 43.2 35.8 53.6





#25

Chloroform

Concen: 7.308 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047632.D

Acq: 24 Mar 2022 12:33

Instrument :

MSVOA_U

ClientSampleId :

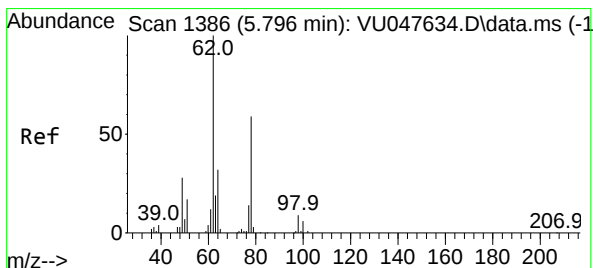
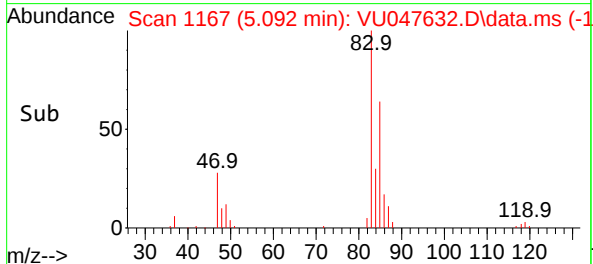
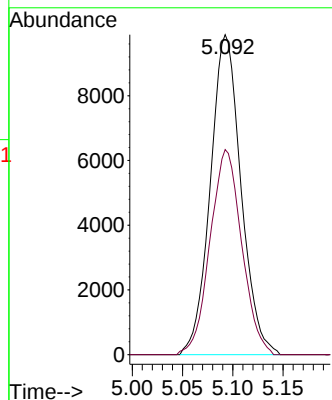
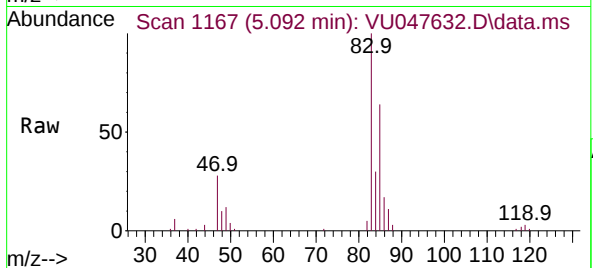
VSTD005049

Tgt Ion: 83 Resp: 20984

Ion Ratio Lower Upper

83 100

85 64.1 46.2 85.8



#27

1,2-Dichloroethane

Concen: 7.480 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.003 min

Lab File: VU047632.D

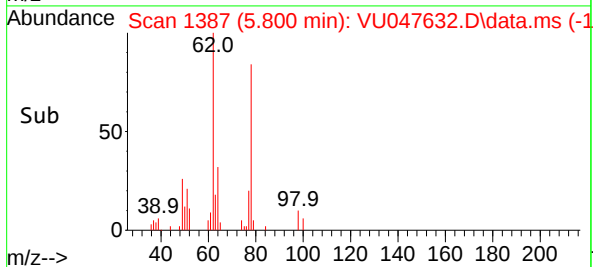
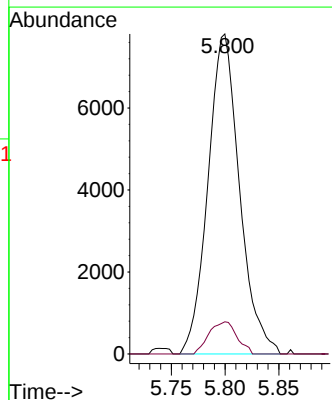
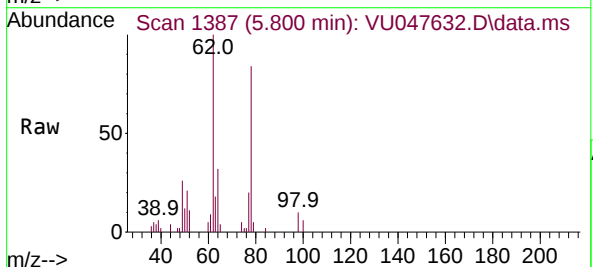
Acq: 24 Mar 2022 12:33

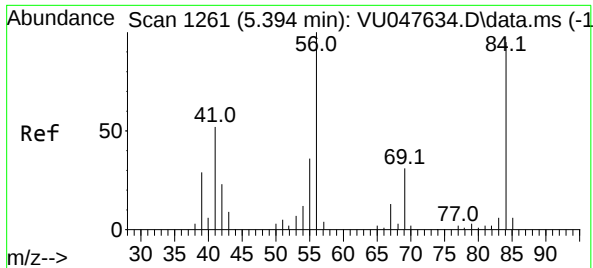
Tgt Ion: 62 Resp: 15950

Ion Ratio Lower Upper

62 100

98 10.0 7.4 11.0





#29

Cyclohexane

Concen: 5.858 ug/L

RT: 5.391 min Scan# 1261

Delta R.T. -0.003 min

Lab File: VU047632.D

Acq: 24 Mar 2022 12:33

Instrument :

MSVOA_U

ClientSampleId :

VSTD005049

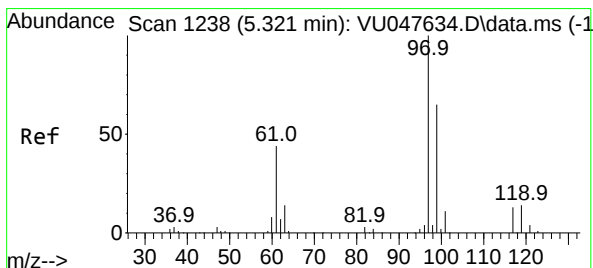
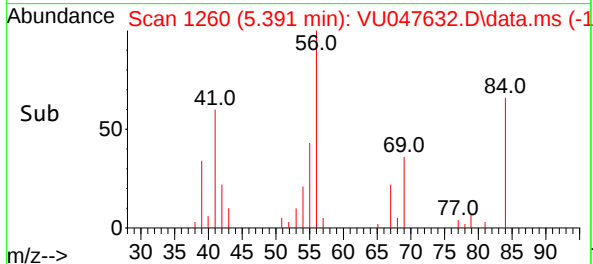
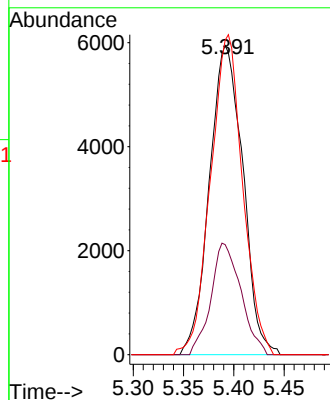
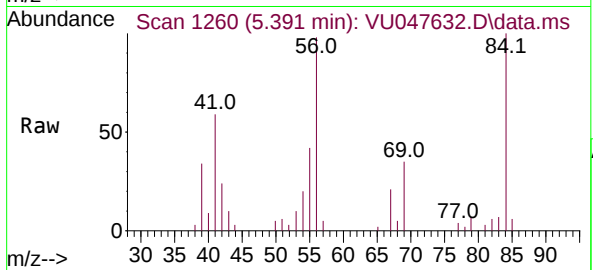
Tgt Ion: 56 Resp: 13761

Ion Ratio Lower Upper

56 100

69 32.3 25.4 38.2

84 99.0 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 7.195 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU047632.D

Acq: 24 Mar 2022 12:33

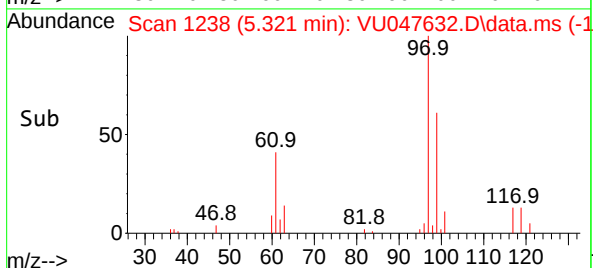
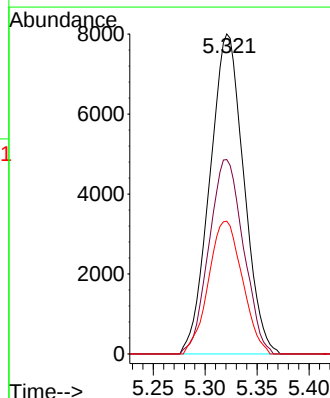
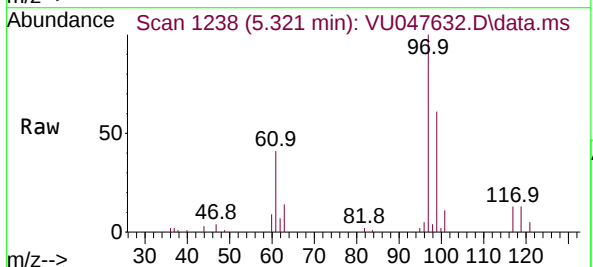
Tgt Ion: 97 Resp: 18209

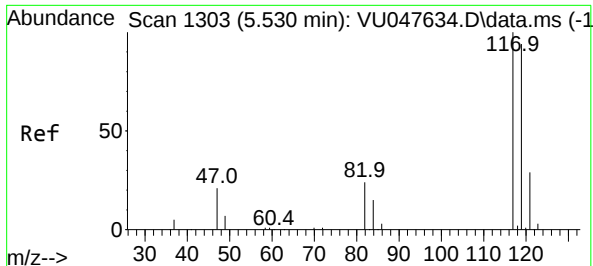
Ion Ratio Lower Upper

97 100

99 61.5 51.6 77.4

61 41.4 34.2 51.4

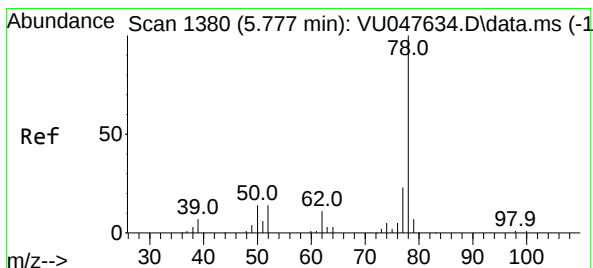
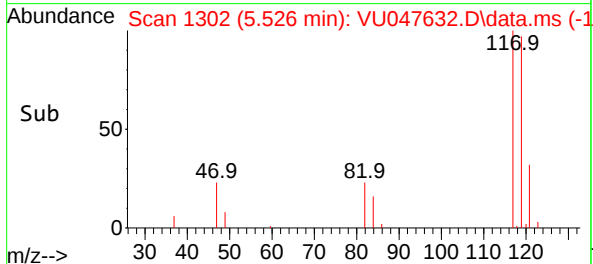
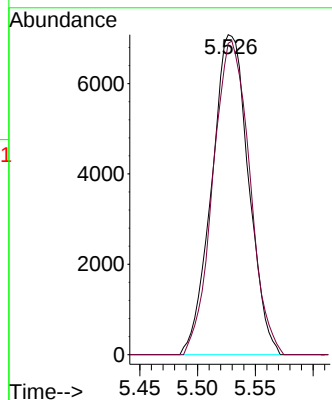
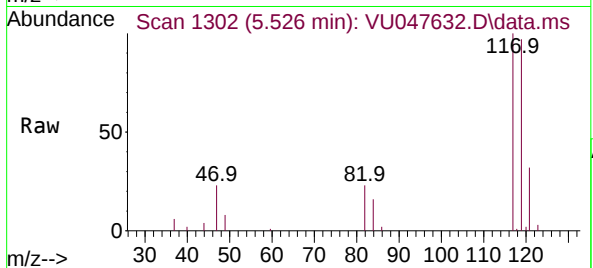




#31
Carbon tetrachloride
Concen: 7.239 ug/L
RT: 5.526 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

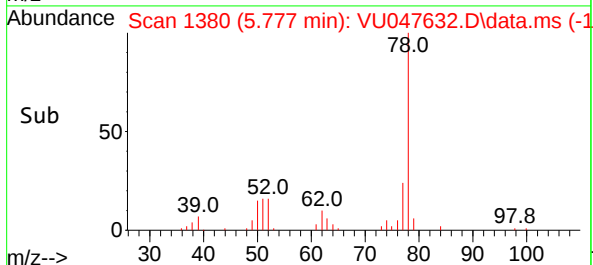
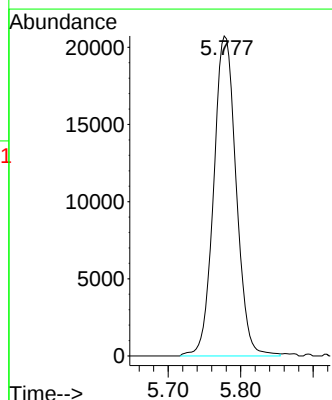
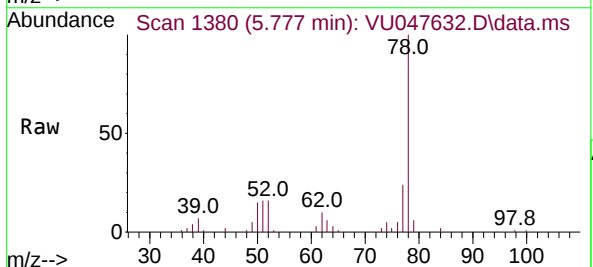
Instrument :
MSVOA_U
ClientSampleId :
VSTD005049

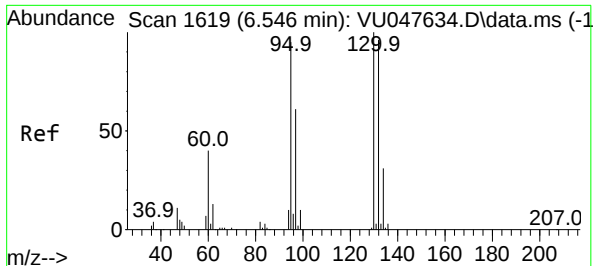
Tgt Ion:117 Resp: 15690
Ion Ratio Lower Upper
117 100
119 97.8 77.2 115.8



#33
Benzene
Concen: 7.131 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

Tgt Ion: 78 Resp: 44747





#34

Trichloroethene

Concen: 6.926 ug/L

RT: 6.542 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047632.D

Acq: 24 Mar 2022 12:33

Instrument :

MSVOA_U

ClientSampleId :

VSTD005049

Tgt Ion: 95 Resp: 11401

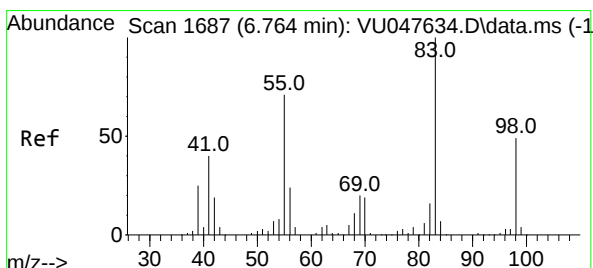
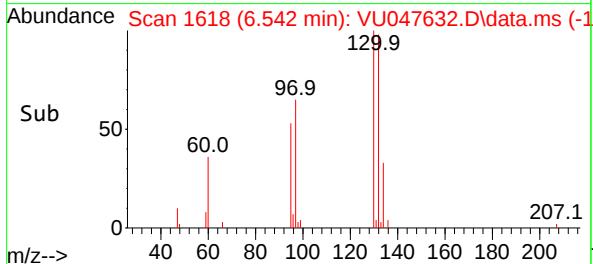
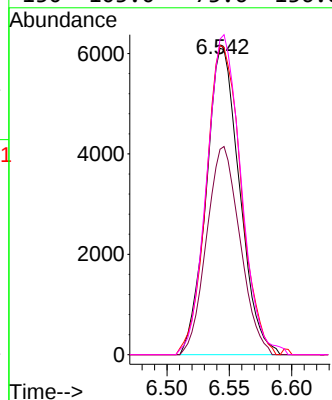
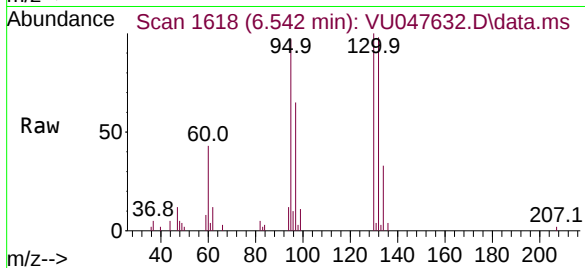
Ion Ratio Lower Upper

95 100

97 67.0 44.7 82.9

132 100.9 70.4 130.8

130 103.0 73.6 136.8



#35

Methylcyclohexane

Concen: 6.113 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VU047632.D

Acq: 24 Mar 2022 12:33

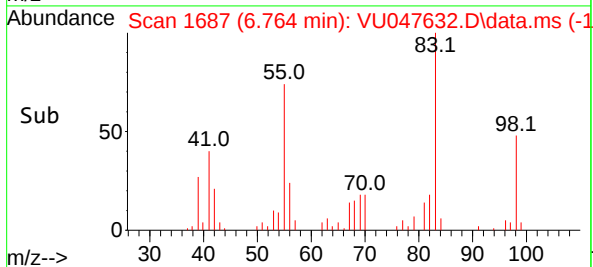
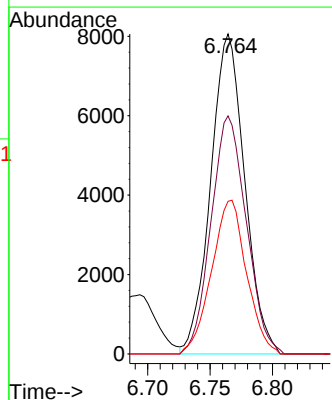
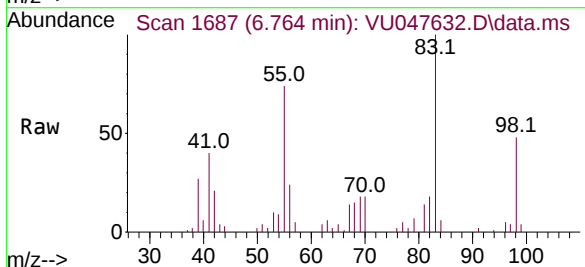
Tgt Ion: 83 Resp: 15332

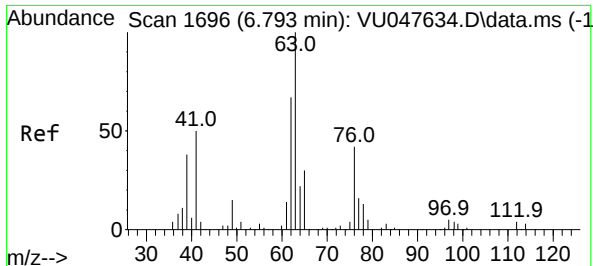
Ion Ratio Lower Upper

83 100

55 77.0 56.8 85.2

98 49.3 38.1 57.1

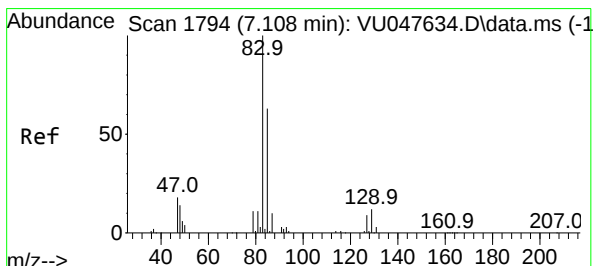
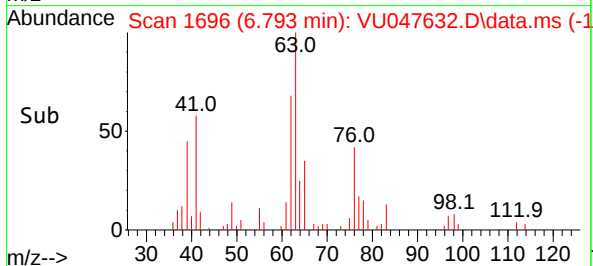
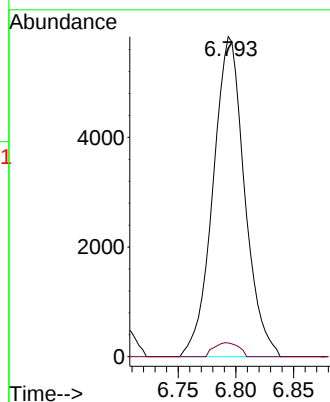
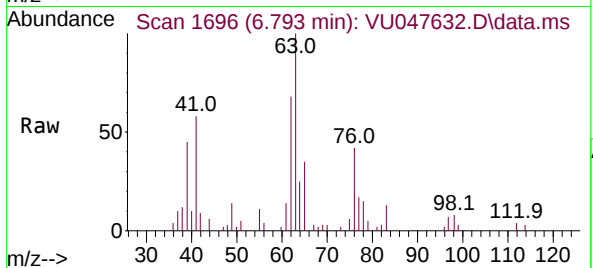




#37
1,2-Dichloropropane
Concen: 6.786 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

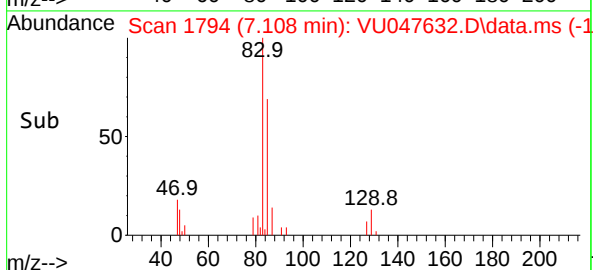
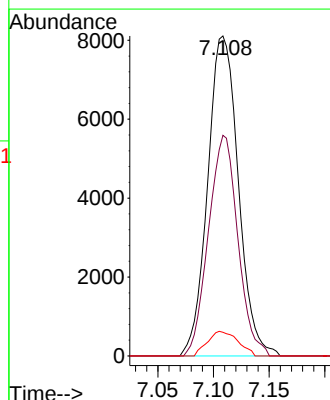
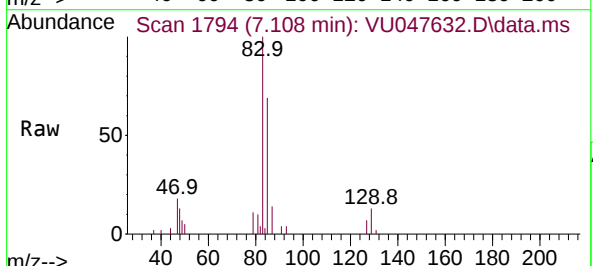
Instrument :
MSVOA_U
ClientSampleId :
VSTD005049

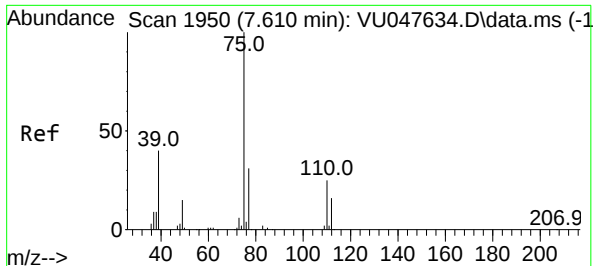
Tgt Ion: 63 Resp: 11097
Ion Ratio Lower Upper
63 100
112 3.4 3.4 5.2#



#38
Bromodichloromethane
Concen: 7.109 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

Tgt Ion: 83 Resp: 15558
Ion Ratio Lower Upper
83 100
85 69.0 44.4 82.4
127 7.4 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 6.396 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047632.D

Acq: 24 Mar 2022 12:33

Instrument :

MSVOA_U

ClientSampleId :

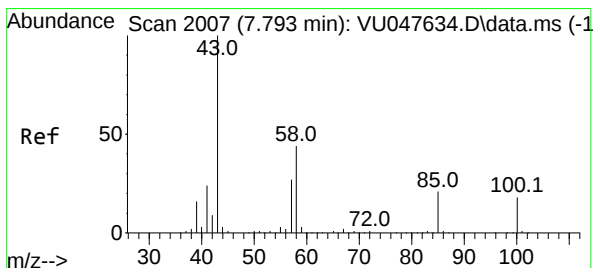
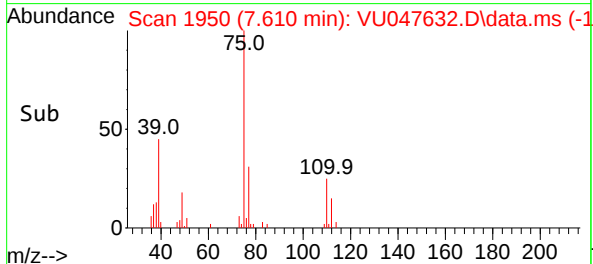
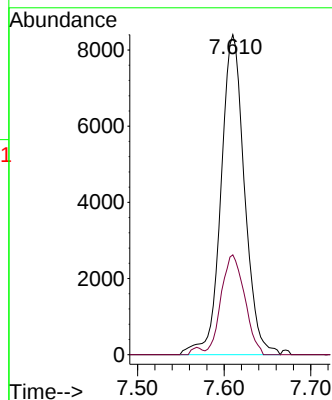
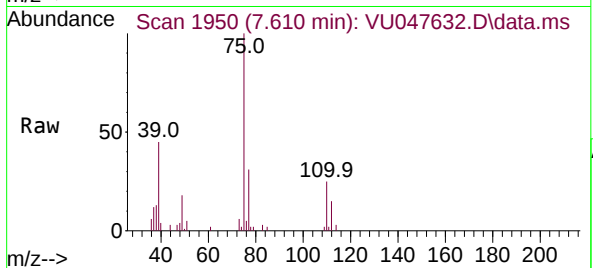
VSTD005049

Tgt Ion: 75 Resp: 15847

Ion Ratio Lower Upper

75 100

77 33.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 13.053 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU047632.D

Acq: 24 Mar 2022 12:33

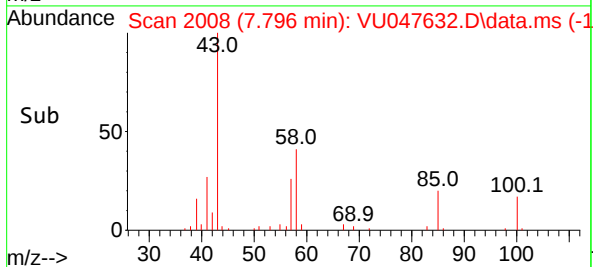
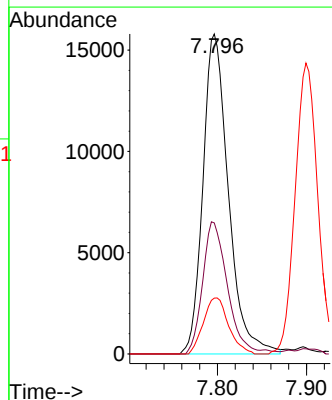
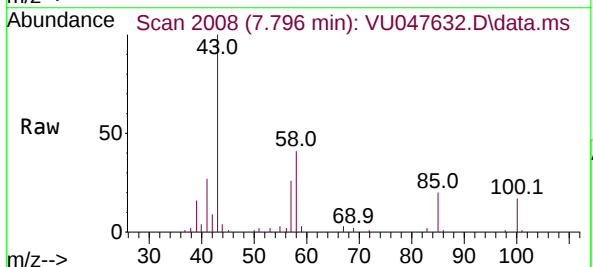
Tgt Ion: 43 Resp: 31410

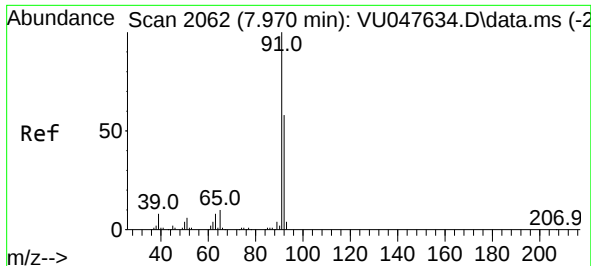
Ion Ratio Lower Upper

43 100

58 39.7 34.7 52.1

100 17.3 14.2 21.2





#42

Toluene

Concen: 6.604 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047632.D

Acq: 24 Mar 2022 12:33

Instrument :

MSVOA_U

ClientSampleId :

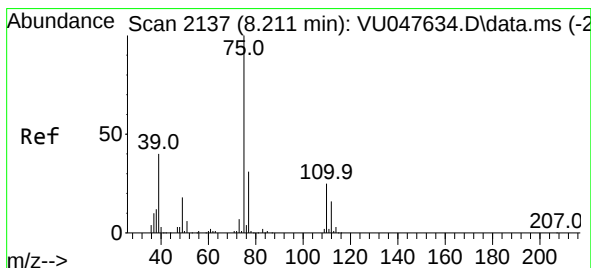
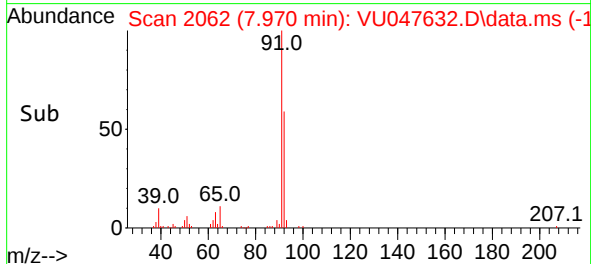
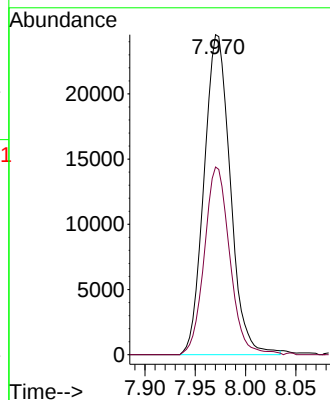
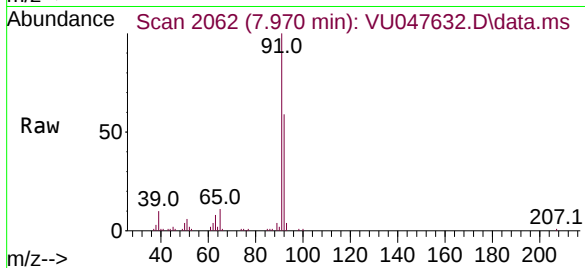
VSTD005049

Tgt Ion: 91 Resp: 44579

Ion Ratio Lower Upper

91 100

92 58.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 6.514 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047632.D

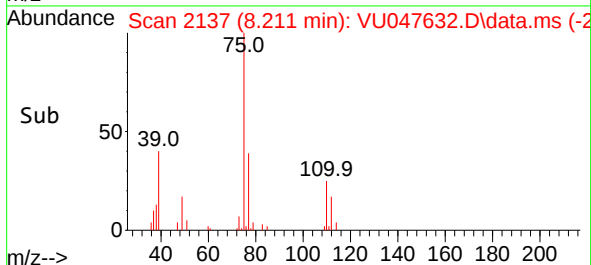
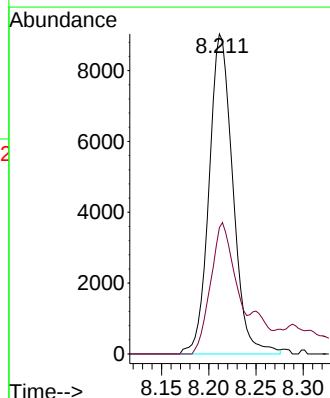
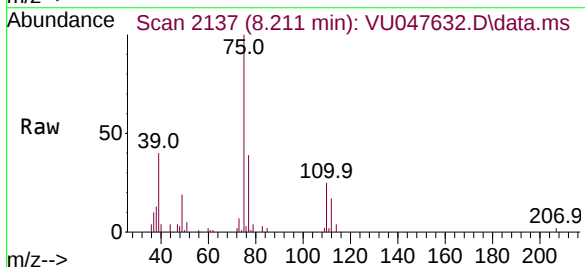
Acq: 24 Mar 2022 12:33

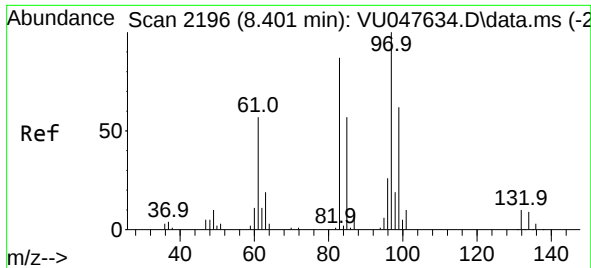
Tgt Ion: 75 Resp: 15818

Ion Ratio Lower Upper

75 100

77 39.5 22.0 40.8

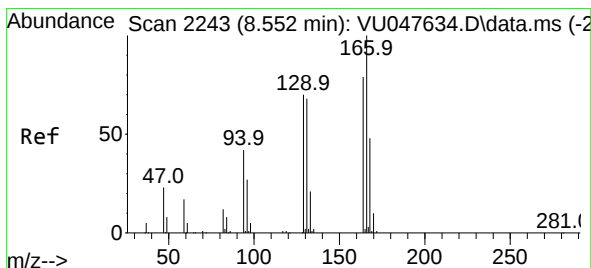
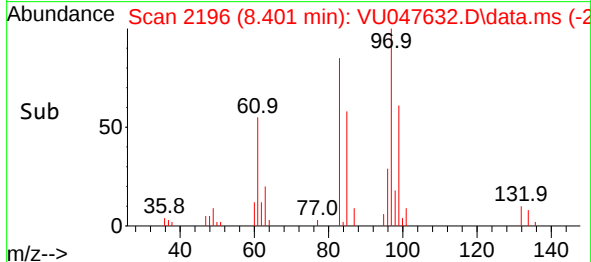
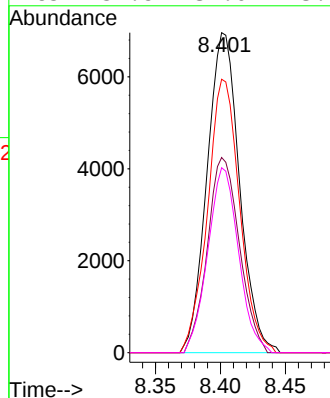
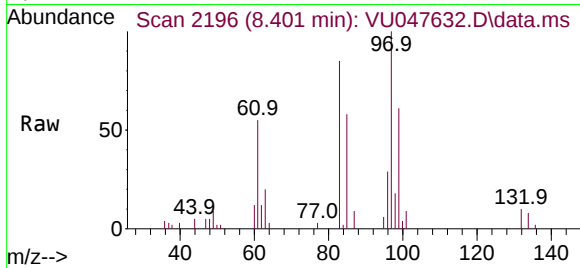




#45
1,1,2-Trichloroethane
Concen: 7.300 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

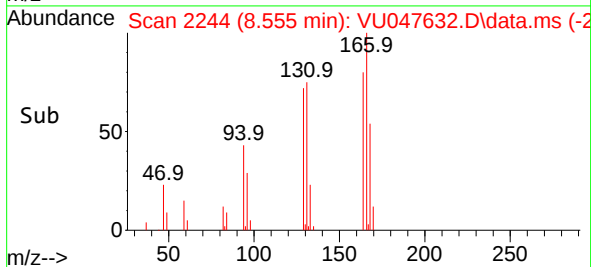
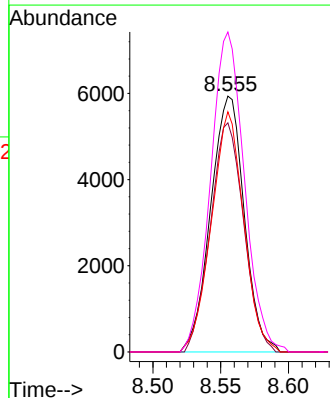
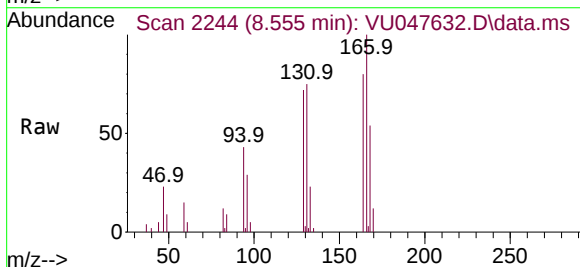
Instrument :
MSVOA_U
ClientSampleId :
VSTD005049

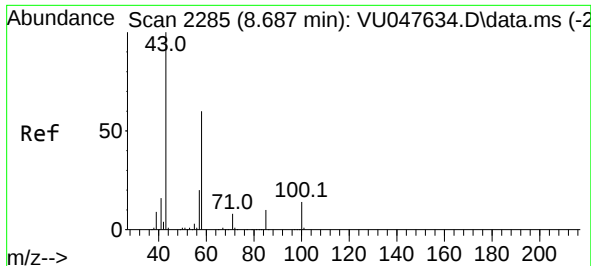
Tgt Ion:	97	Resp:	12129
Ion	Ratio	Lower	Upper
97	100		
99	61.0	43.3	80.3
83	85.4	61.0	113.4
85	57.8	39.6	73.6



#46
Tetrachloroethene
Concen: 8.152 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

Tgt Ion:	164	Resp:	10220
Ion	Ratio	Lower	Upper
164	100		
129	89.6	62.4	116.0
131	93.8	60.7	112.7
166	125.1	89.0	165.4

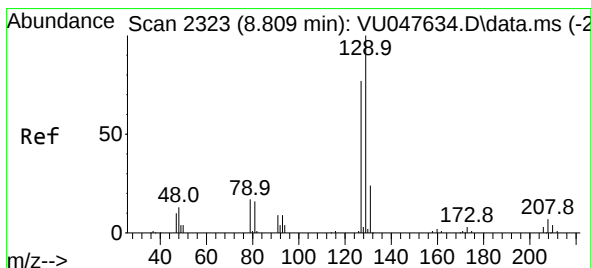
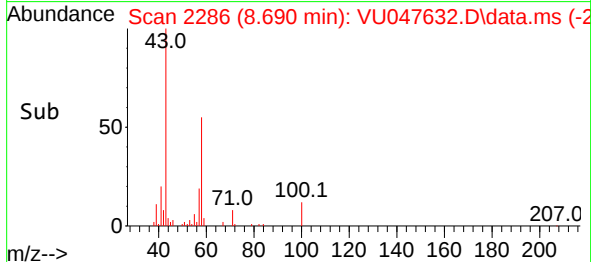
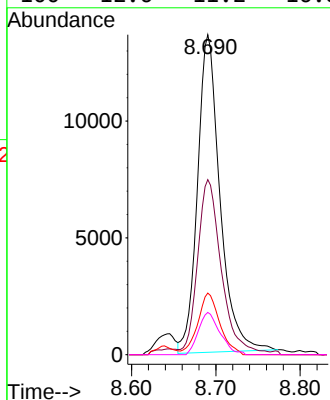
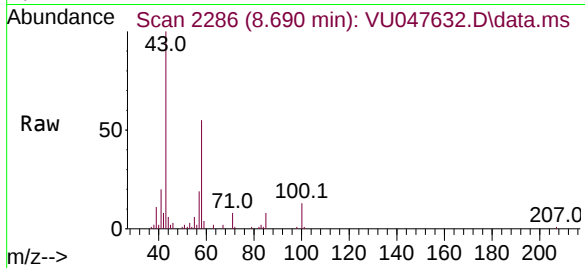




#48
2-Hexanone
Concen: 11.866 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

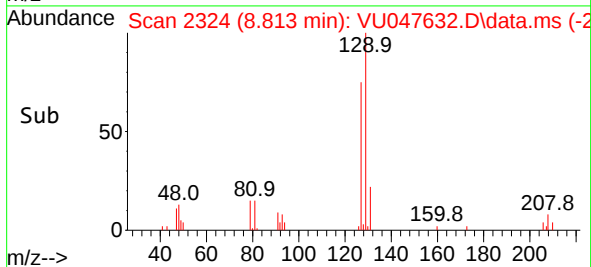
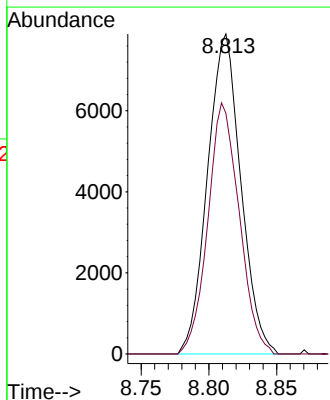
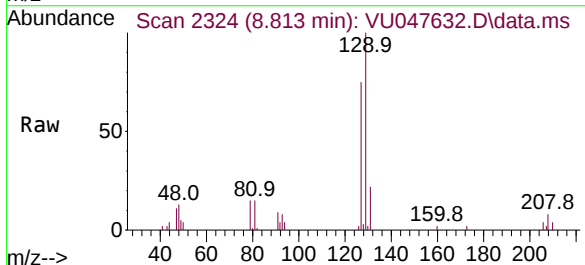
Instrument :
MSVOA_U
ClientSampleId :
VSTD005049

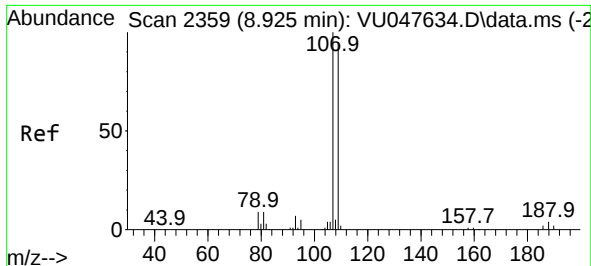
Tgt Ion: 43	Resp: 25270
Ion Ratio	Lower Upper
43 100	
58 58.1	48.1 72.1
57 18.9	16.2 24.4
100 12.6	11.2 16.8



#49
Dibromochloromethane
Concen: 7.667 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

Tgt Ion:129	Resp:	13500	
Ion	Ratio	Lower	Upper
129	100		
127	75.2	54.2	100.6





#50

1,2-Dibromoethane

Concen: 7.290 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047632.D

Acq: 24 Mar 2022 12:33

Instrument :

MSVOA_U

ClientSampleId :

VSTD005049

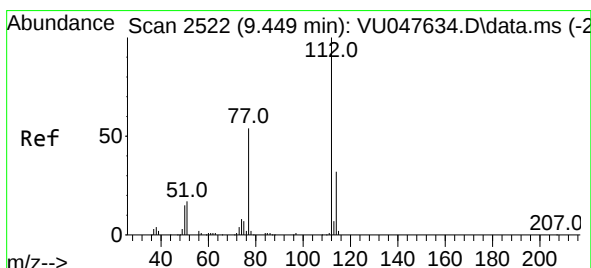
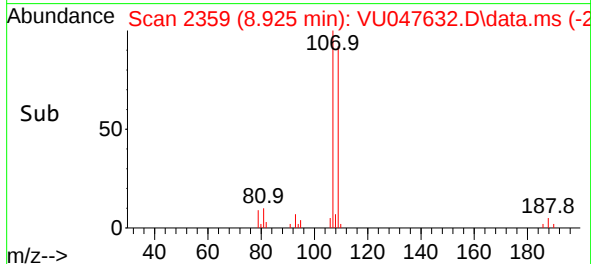
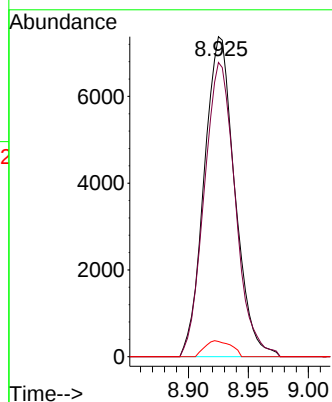
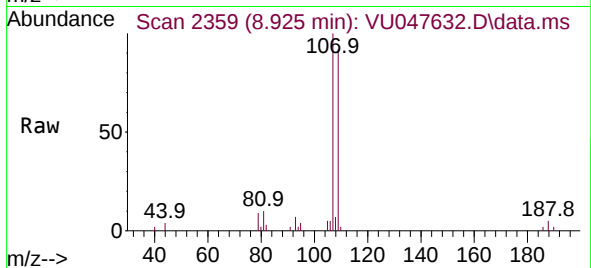
Tgt Ion:107 Resp: 13110

Ion Ratio Lower Upper

107 100

109 91.9 66.6 123.6

188 4.8 3.4 5.2



#51

Chlorobenzene

Concen: 7.385 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU047632.D

Acq: 24 Mar 2022 12:33

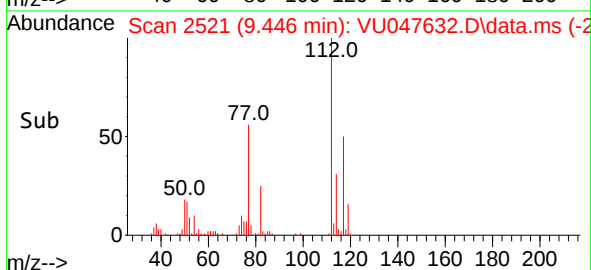
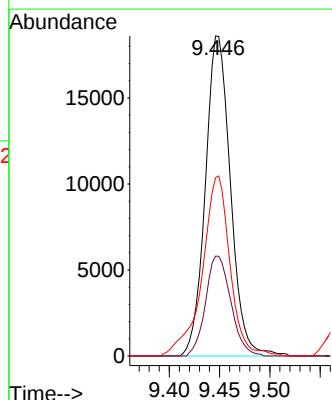
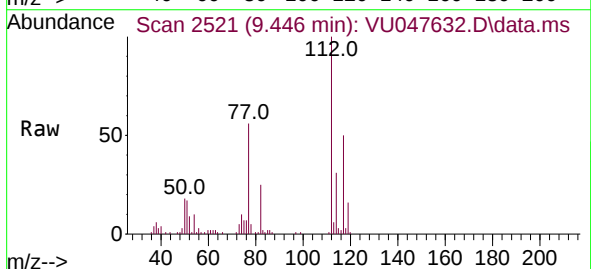
Tgt Ion:112 Resp: 32391

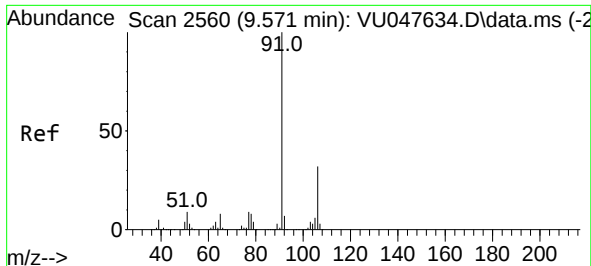
Ion Ratio Lower Upper

112 100

114 31.2 22.1 41.1

77 55.7 43.4 65.0

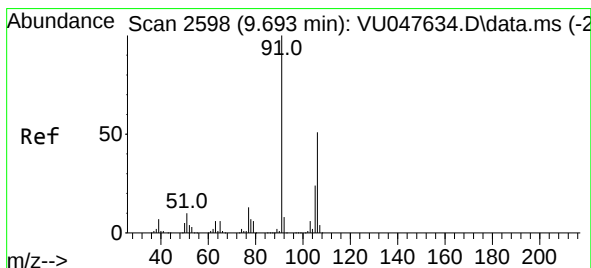
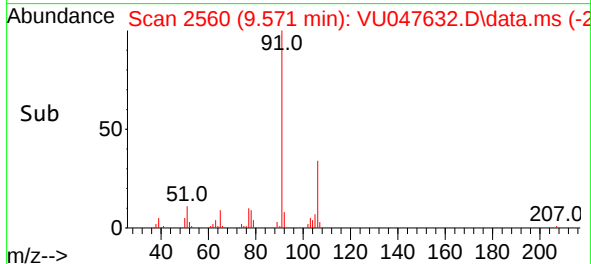
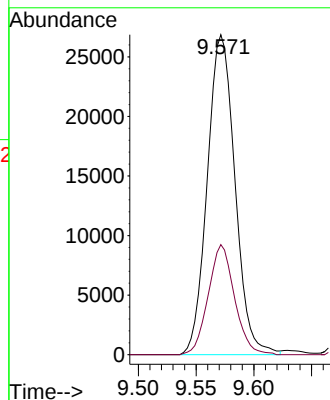
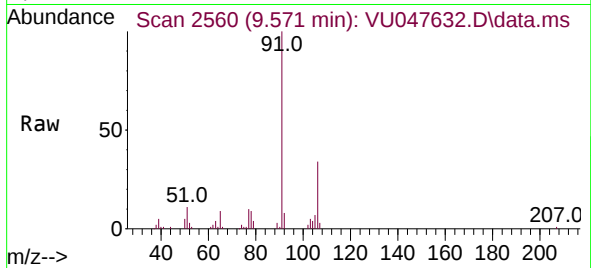




#52
Ethylbenzene
Concen: 6.290 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

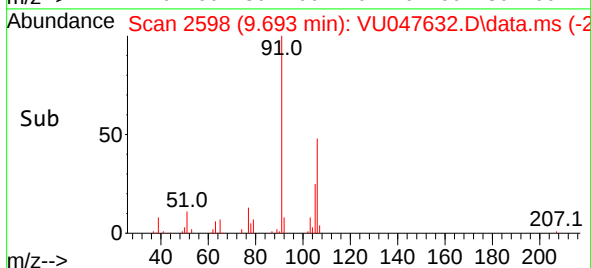
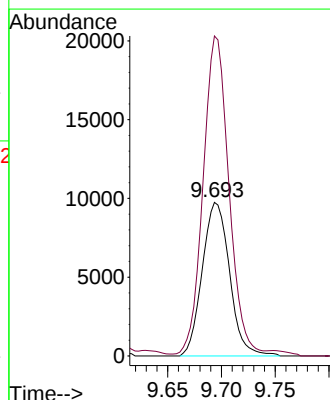
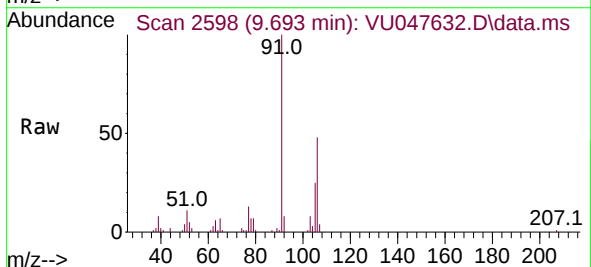
Instrument :
MSVOA_U
ClientSampleId :
VSTD005049

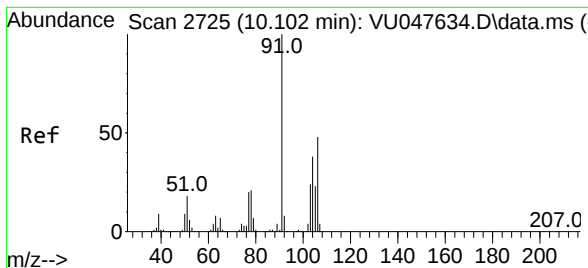
Tgt Ion: 91 Resp: 44893
Ion Ratio Lower Upper
91 100
106 34.4 22.4 41.6



#53
m,p-Xylene
Concen: 6.166 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

Tgt Ion: 106 Resp: 17247
Ion Ratio Lower Upper
106 100
91 208.3 137.7 255.7





#54

o-Xylene

Concen: 6.030 ug/L

RT: 10.102 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047632.D

Acq: 24 Mar 2022 12:33

Instrument :

MSVOA_U

ClientSampleId :

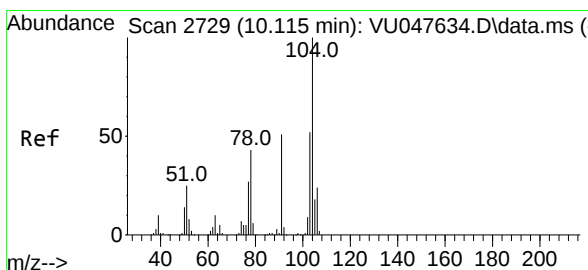
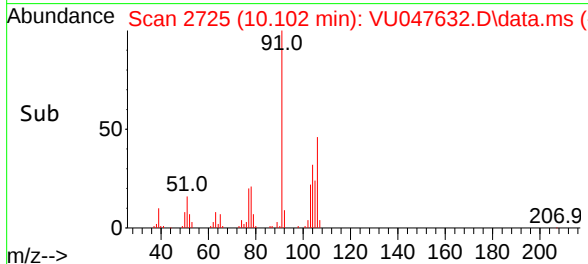
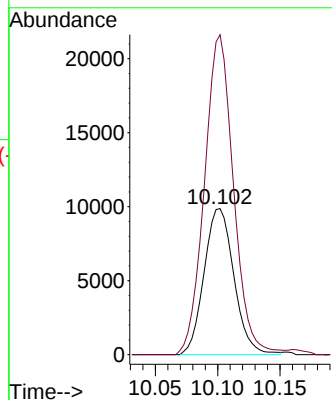
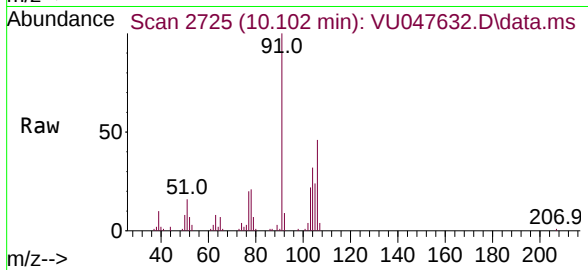
VSTD005049

Tgt Ion:106 Resp: 16450

Ion Ratio Lower Upper

106 100

91 219.1 146.7 272.5



#55

Styrene

Concen: 5.631 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU047632.D

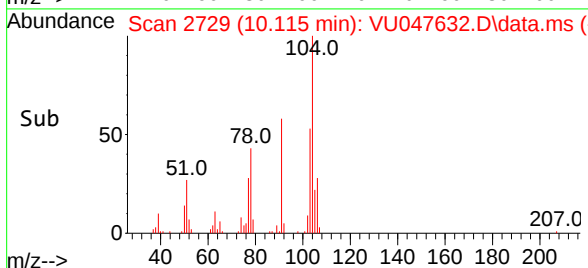
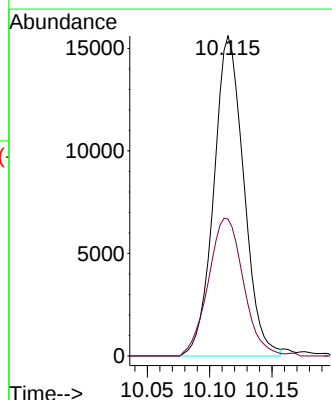
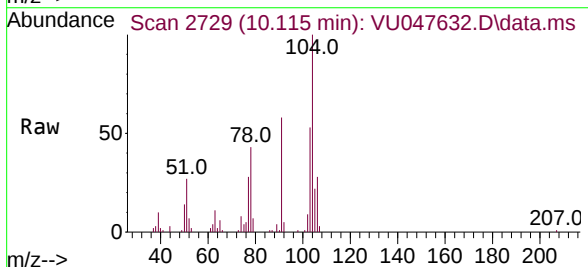
Acq: 24 Mar 2022 12:33

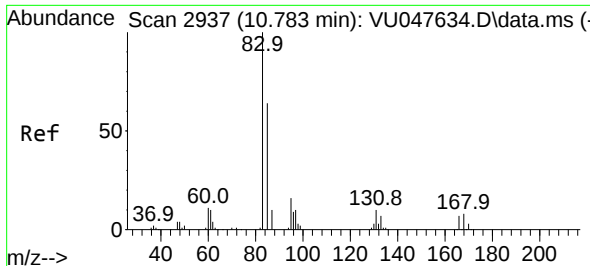
Tgt Ion:104 Resp: 26112

Ion Ratio Lower Upper

104 100

78 42.8 30.4 56.4

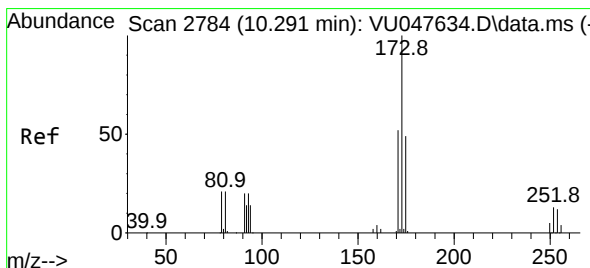
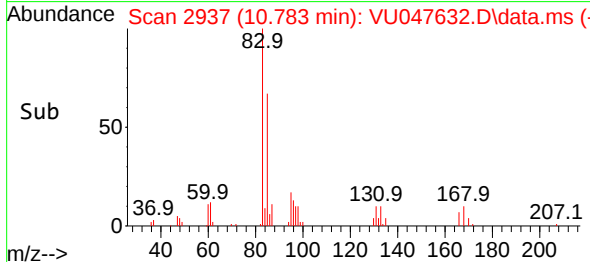
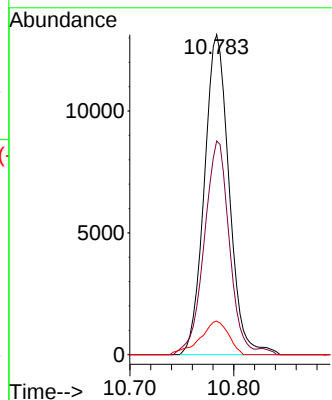
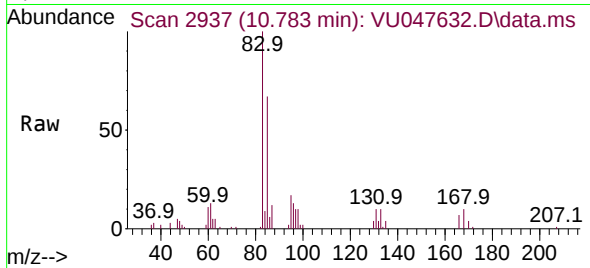




#57
1,1,2,2-Tetrachloroethane
Concen: 7.527 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

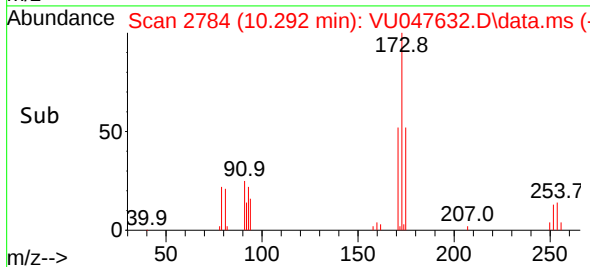
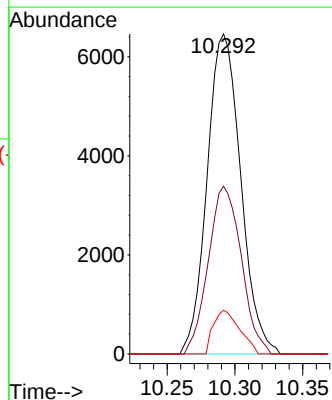
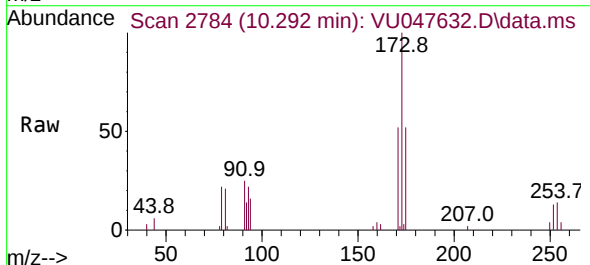
Instrument :
MSVOA_U
ClientSampleId :
VSTD005049

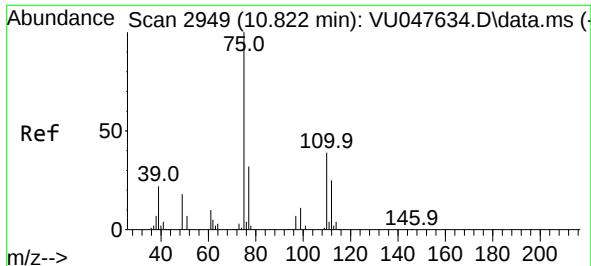
Tgt Ion:	83	Resp:	21790
Ion Ratio	Lower	Upper	
83	100		
85	66.8	44.9	83.3
131	10.5	8.6	13.0



#59
Bromoform
Concen: 7.830 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

Tgt Ion:	173	Resp:	11141
Ion Ratio	Lower	Upper	
173	100		
175	51.4	38.7	58.1
254	10.6	9.6	14.4

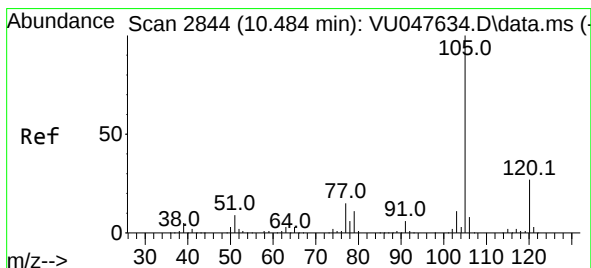
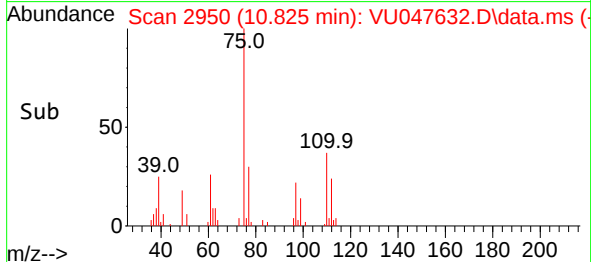
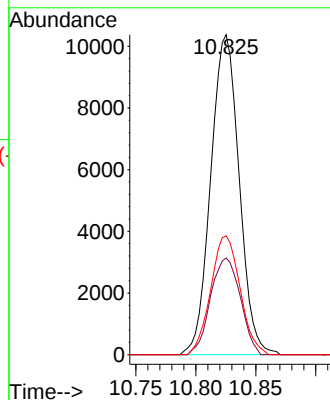
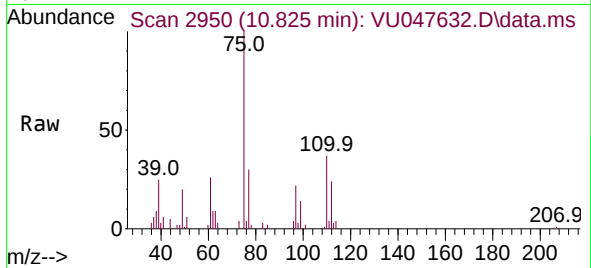




#60
1,2,3-Trichloropropane
Concen: 6.658 ug/L
RT: 10.825 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

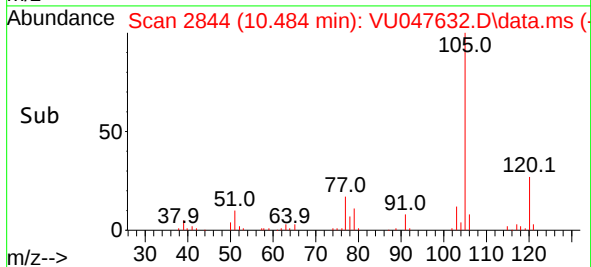
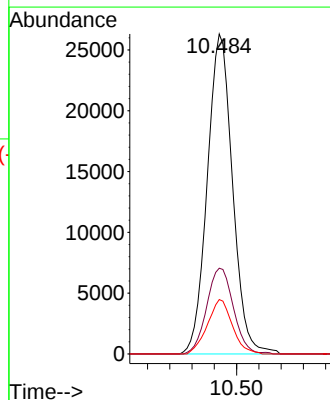
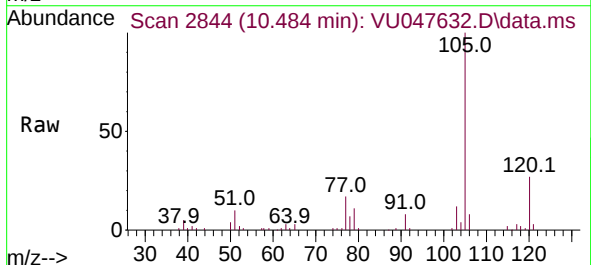
Instrument :
MSVOA_U
ClientSampleId :
VSTD005049

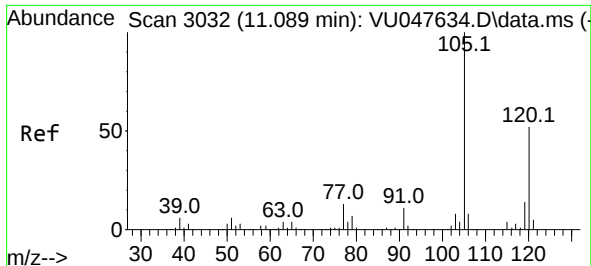
Tgt Ion: 75	Resp: 17087
Ion Ratio	Lower Upper
75 100	
77 31.7	26.0 39.0
110 38.3	31.4 47.2



#61
Isopropylbenzene
Concen: 5.563 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

Tgt Ion: 105	Resp: 41459
Ion Ratio	Lower Upper
105 100	
120 28.1	21.9 32.9
77 16.7	12.1 18.1

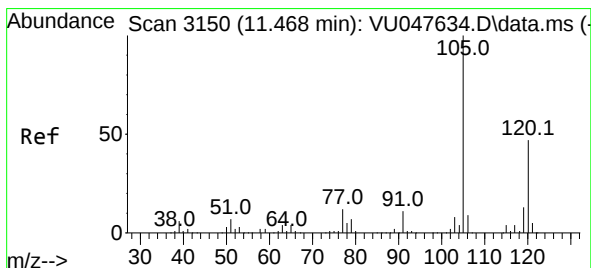
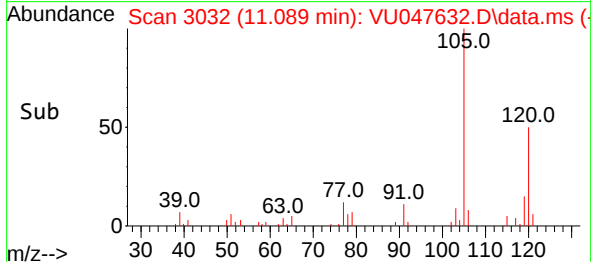
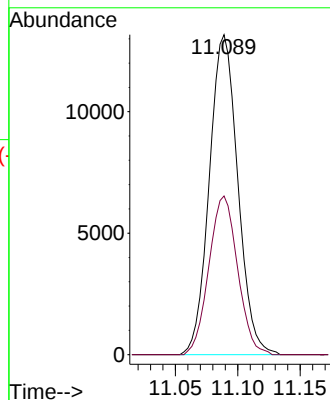
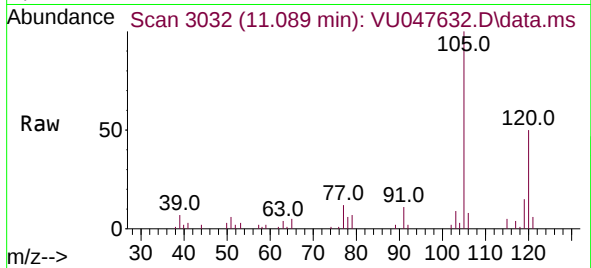




#62
1,3,5-Trimethylbenzene
Concen: 3.589 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

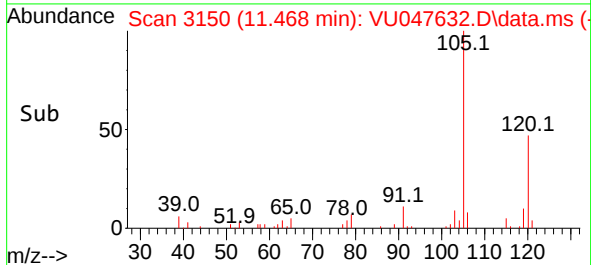
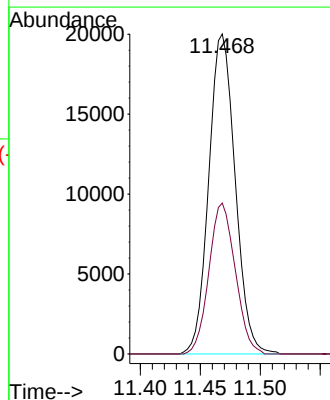
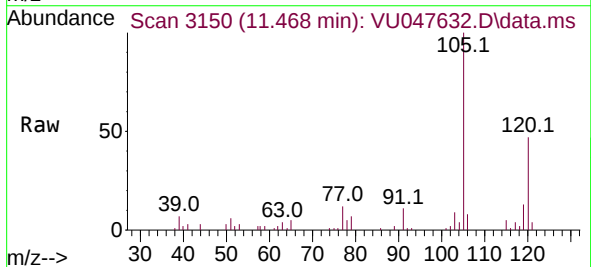
Instrument :
MSVOA_U
ClientSampleId :
VSTD005049

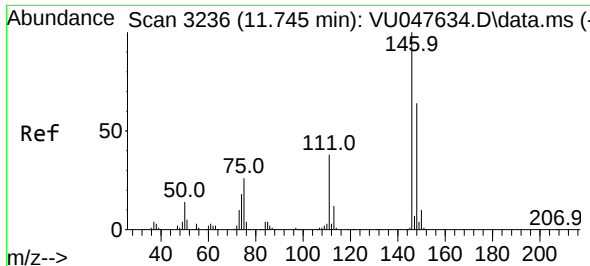
Tgt Ion:105 Resp: 20955
Ion Ratio Lower Upper
105 100
120 50.0 40.8 61.2



#63
1,2,4-Trimethylbenzene
Concen: 4.963 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

Tgt Ion:105 Resp: 30618
Ion Ratio Lower Upper
105 100
120 47.0 37.6 56.4

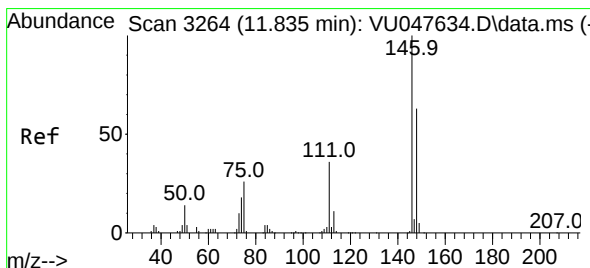
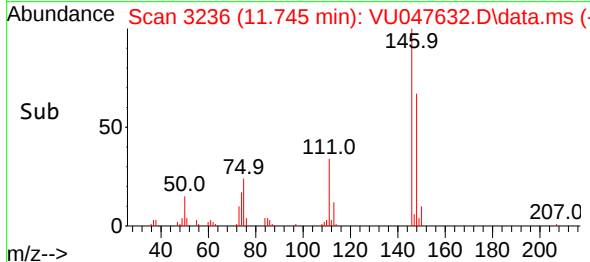
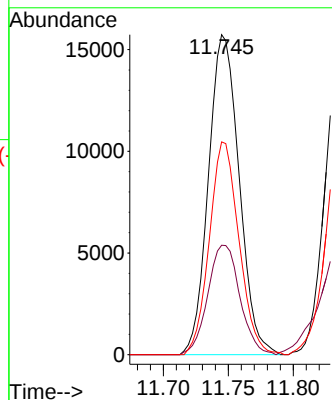
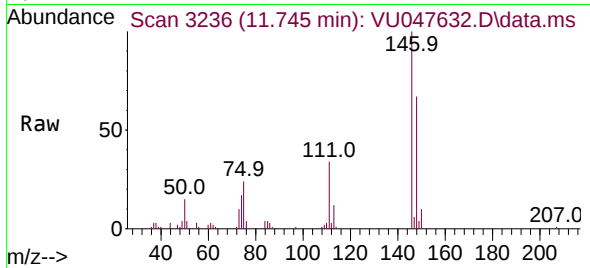




#64
1,3-Dichlorobenzene
Concen: 7.089 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

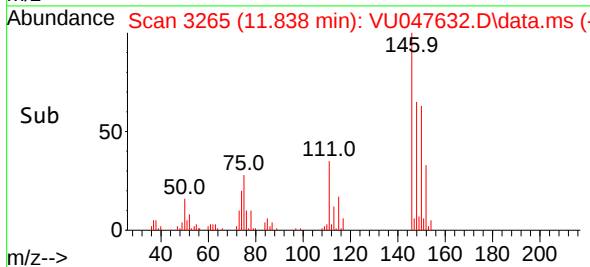
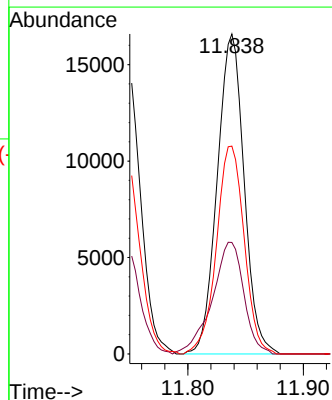
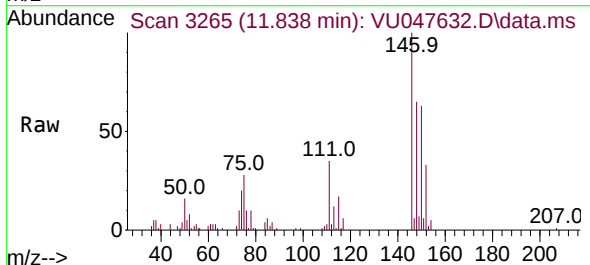
Instrument :
MSVOA_U
ClientSampleId :
VSTD005049

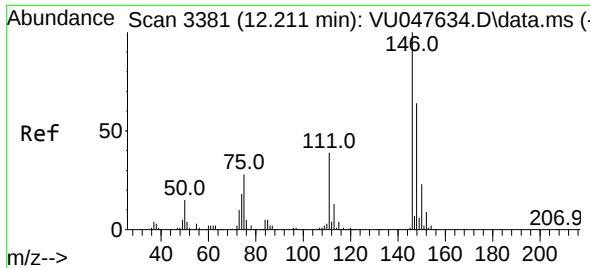
Tgt Ion:146 Resp: 25837
Ion Ratio Lower Upper
146 100
111 34.2 26.7 49.7
148 66.5 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 7.116 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

Tgt Ion:146 Resp: 26836
Ion Ratio Lower Upper
146 100
111 34.9 25.3 47.1
148 65.0 44.5 82.7

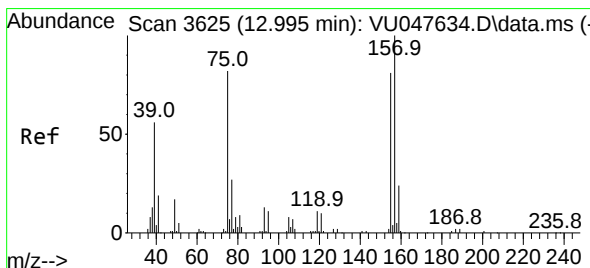
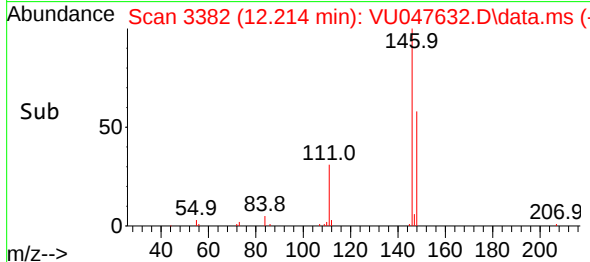
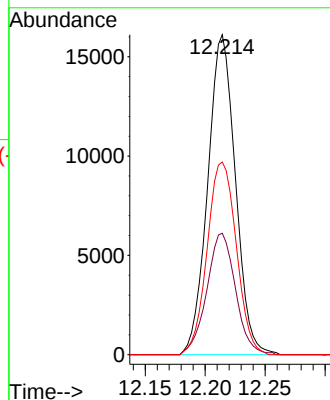
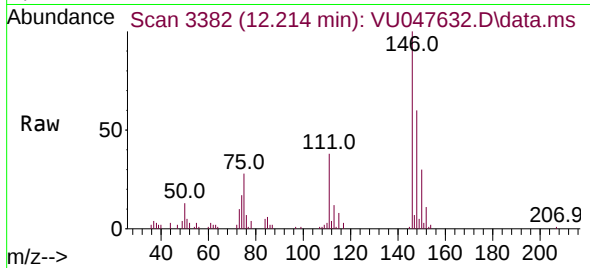




#67
 1,2-Dichlorobenzene
 Concen: 7.025 ug/L
 RT: 12.214 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VU047632.D
 Acq: 24 Mar 2022 12:33

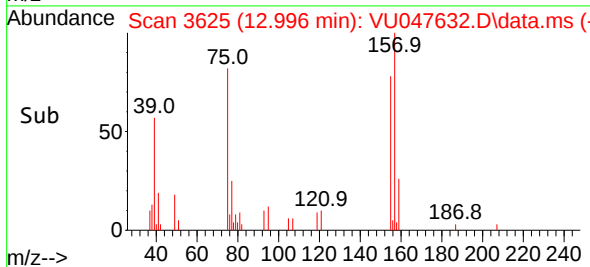
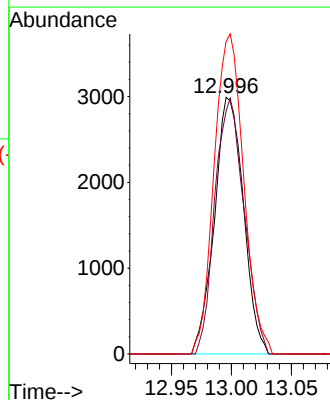
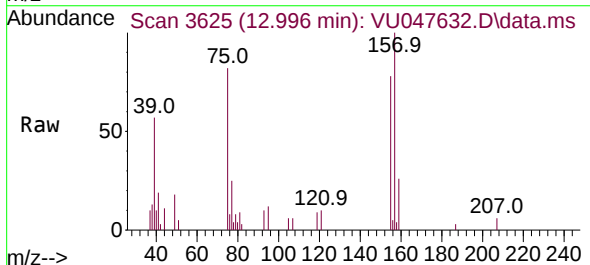
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005049

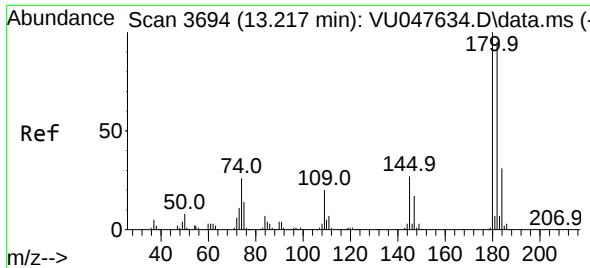
Tgt Ion:146 Resp: 25862
 Ion Ratio Lower Upper
 146 100
 111 38.0 31.7 47.5
 148 60.2 51.4 77.2



#68
 1,2-Dibromo-3-chloropropane
 Concen: 7.150 ug/L
 RT: 12.996 min Scan# 3625
 Delta R.T. 0.000 min
 Lab File: VU047632.D
 Acq: 24 Mar 2022 12:33

Tgt Ion: 75 Resp: 5028
 Ion Ratio Lower Upper
 75 100
 155 94.7 78.9 118.3
 157 126.8 97.5 146.3

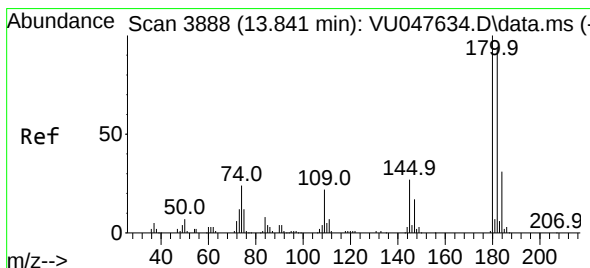
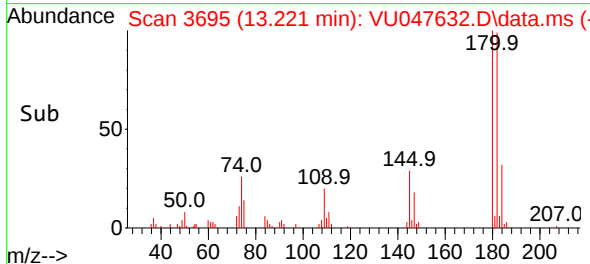
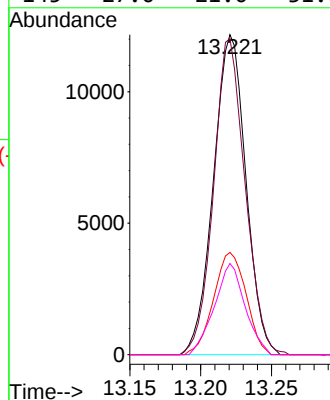
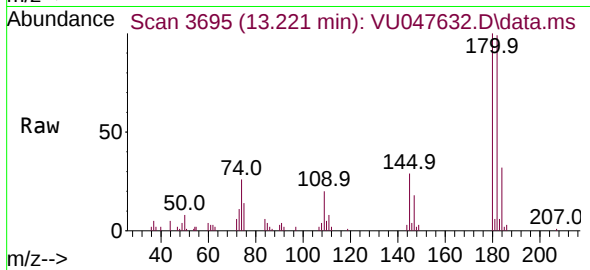




#69
1,3,5-Trichlorobenzene
Concen: 7.199 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. 0.003 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

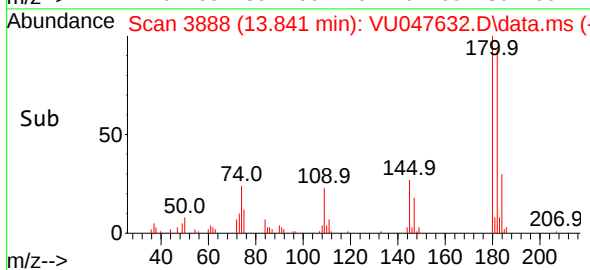
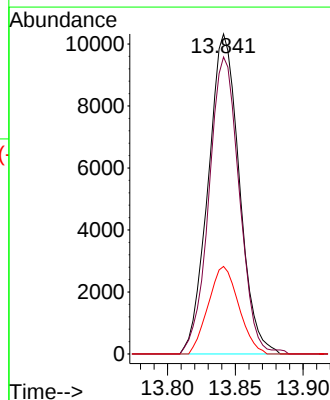
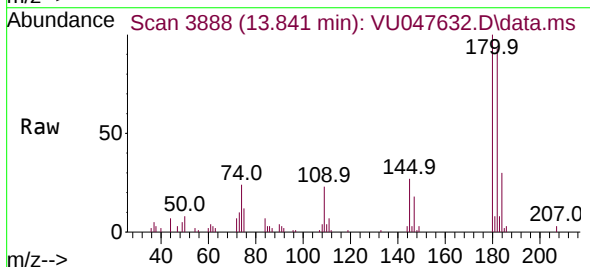
Instrument :
MSVOA_U
ClientSampleId :
VSTD005049

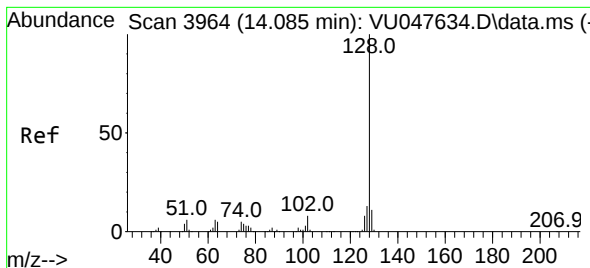
Tgt Ion:	180	Resp:	19392
Ion Ratio	Lower	Upper	
180	100		
182	95.8	77.0	115.6
184	32.0	24.5	36.7
145	27.0	21.0	31.6



#70
1,2,4-trichlorobenzene
Concen: 6.901 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU047632.D
Acq: 24 Mar 2022 12:33

Tgt Ion:	180	Resp:	16480
Ion Ratio	Lower	Upper	
180	100		
182	90.1	76.2	114.2
145	26.8	21.8	32.8





#71

Naphthalene

Concen: 4.943 ug/L

RT: 14.089 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VU047632.D

Acq: 24 Mar 2022 12:33

Instrument :

MSVOA_U

ClientSampleId :

VSTD005049

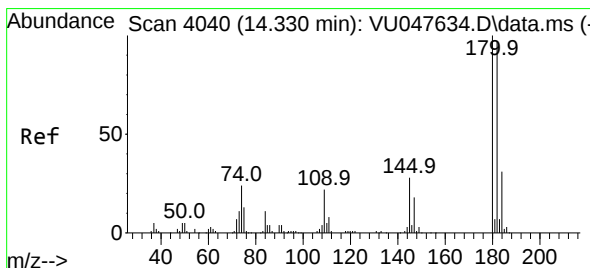
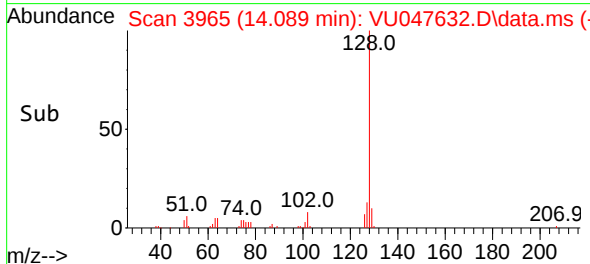
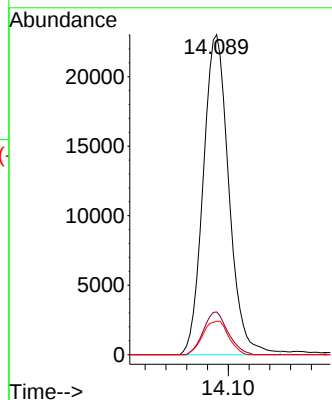
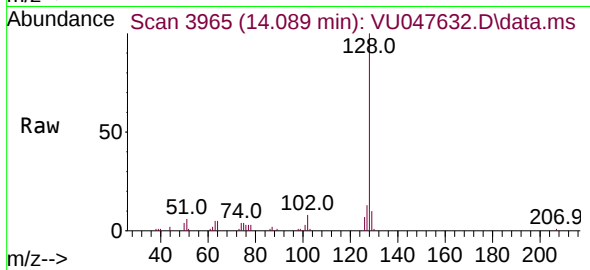
Tgt Ion:128 Resp: 39478

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.5 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 6.576 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU047632.D

Acq: 24 Mar 2022 12:33

Tgt Ion:180 Resp: 15905

Ion Ratio Lower Upper

180 100

182 98.3 77.4 116.0

145 30.5 22.8 34.2

