

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
 Data File : VU047326.D
 Acq On : 04 Mar 2022 13:04
 Operator : SY/MD
 Sample : VSTD001008
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001008

Quant Time: Mar 04 14:47:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 14:46:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	187122	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	175686	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	97031	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	14474	1.126	ug/L	0.00
7) Chloroethane-d5	1.919	69	12225	1.143	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	5992	1.132	ug/L	0.00
20) 2-Butanone-d5	4.665	46	44752	11.633	ug/L	0.02
24) Chloroform-d	5.070	84	26052	1.093	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	15280	1.140	ug/L	0.00
32) Benzene-d6	5.732	84	53760	1.121	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	16778	1.110	ug/L	0.00
41) Toluene-d8	7.899	98	50374	1.123	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	6792	1.041	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	38895	10.557	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	15865	1.049	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	20073	1.056	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	9448	0.828	ug/L	97
3) Chloromethane	1.527	50	11397	0.825	ug/L	97
5) Vinyl chloride	1.607	62	10279	0.805	ug/L	95
6) Bromomethane	1.864	94	5609	0.796	ug/L	98
8) Chloroethane	1.938	64	5898	0.796	ug/L	97
9) Trichlorofluoromethane	2.144	101	12448	0.822	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	6667	0.765	ug/L	90
12) 1,1-Dichloroethene	2.588	96	7397	0.798	ug/L	90
13) Acetone	2.687	43	4824	4.538	ug/L	50
14) Carbon disulfide	2.800	76	24001	0.795	ug/L	98
15) Methyl Acetate	2.970	43	2946	0.762	ug/L	98
16) Methylene chloride	3.054	84	9367	0.828	ug/L	96
17) Methyl tert-butyl Ether	3.372	73	19498	0.754	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	8124	0.789	ug/L	92
19) 1,1-Dichloroethane	3.874	63	13478	0.790	ug/L	99
21) 2-Butanone	4.745	43	26063	8.880	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	8699	0.776	ug/L	90
23) Bromochloromethane	4.983	128	4325	0.781	ug/L	87
25) Chloroform	5.096	83	14949	0.787	ug/L	96
27) 1,2-Dichloroethane	5.800	62	10037	0.797	ug/L	100
29) 1,1,1-Trichloroethane	5.324	97	11810	0.793	ug/L	98
30) Cyclohexane	5.391	56	11113	0.783	ug/L	96
31) Carbon tetrachloride	5.530	117	9558	0.749	ug/L	98
33) Benzene	5.777	78	32441	0.786	ug/L	100
34) Trichloroethene	6.543	95	8184	0.765	ug/L	92
35) Methylcyclohexane	6.768	83	11332	0.738	ug/L	94
37) 1,2-Dichloropropane	6.793	63	7894	0.769	ug/L	98
38) Bromodichloromethane	7.108	83	10048	0.750	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	11798	0.737	ug/L	99
40) 4-Methyl-2-pentanone	7.797	43	57459	7.497	ug/L	98
42) Toluene	7.970	91	32936	0.736	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	10096	0.722	ug/L #	73

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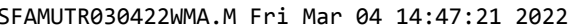
Instrument :
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 ClientSampleId :
 VSTD001008

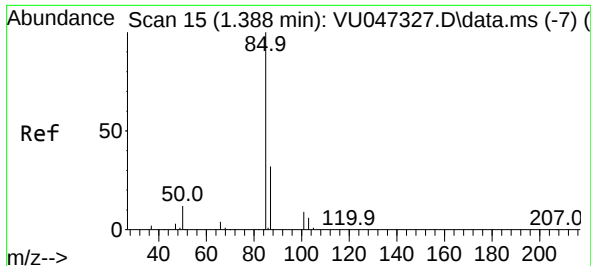
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 14:46:10 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.404	97	6881	0.779	ug/L	96
47) Tetrachloroethene	8.555	164	6900	0.767	ug/L	93
48) 2-Hexanone	8.690	43	43427	7.667	ug/L	98
49) Dibromochloromethane	8.813	129	7704	0.764	ug/L	89
50) 1,2-Dibromoethane	8.925	107	6867	0.771	ug/L	98
51) Chlorobenzene	9.446	112	22579	0.748	ug/L	94
52) Ethylbenzene	9.571	91	34665	0.741	ug/L	98
53) m,p-Xylene	9.694	106	13753	0.735	ug/L	94
54) o-Xylene	10.099	106	12915	0.718	ug/L	97
55) Styrene	10.115	104	21293	0.708	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.784	83	9108	0.761	ug/L	96
59) Bromoform	10.292	173	4728	0.676	ug/L	93
60) Isopropylbenzene	10.484	105	32381	0.654	ug/L	97
61) 1,2,3-Trichloropropane	10.825	75	6774	0.778	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	20740	0.633	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	26527	0.625	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	17515	0.691	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	17997	0.695	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	17751	0.707	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.999	75	1479	0.733	ug/L	89
69) 1,3,5-Trichlorobenzene	13.221	180	13944	0.648	ug/L	96
70) 1,2,4-trichlorobenzene	13.841	180	12411	0.645	ug/L	96
71) Naphthalene	14.086	128	25312	0.659	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	11989	0.662	ug/L	94

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

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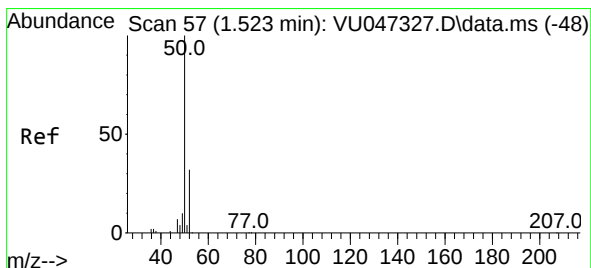
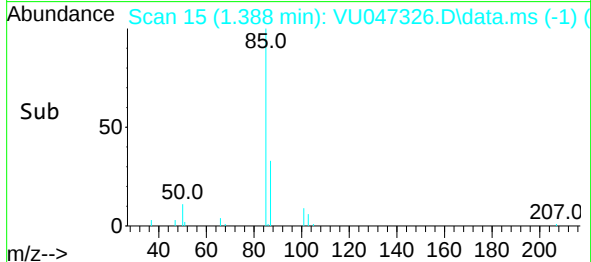
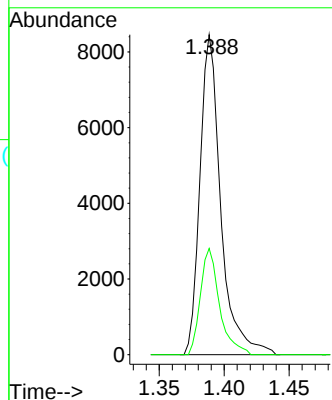
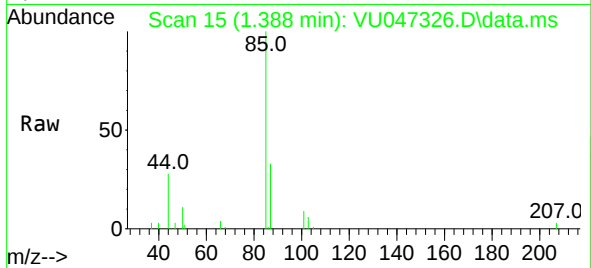




#2
Dichlorodifluoromethane
Concen: 0.828 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047326.D
Acq: 04 Mar 2022 13:04

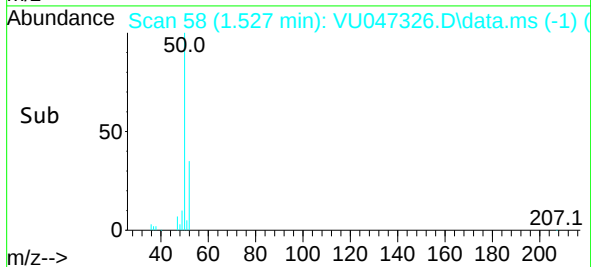
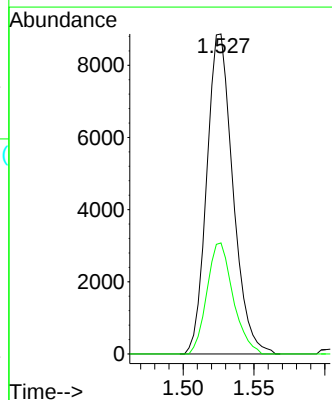
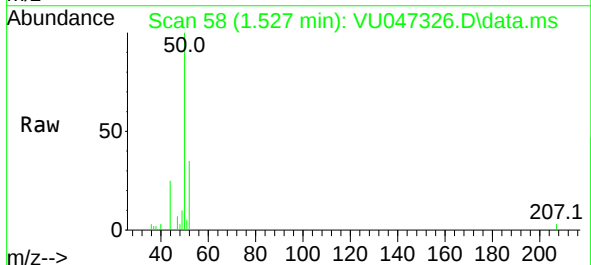
Instrument :
MSVOA_U
ClientSampleId :
VSTD001008

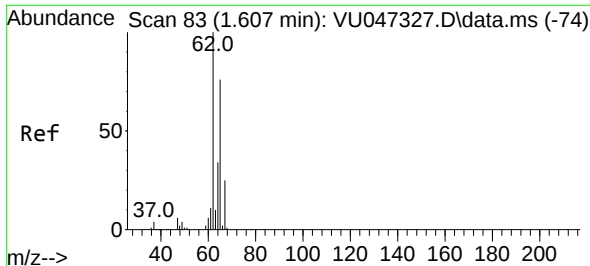
Tgt Ion: 85 Resp: 9448
Ion Ratio Lower Upper
85 100
87 30.5 25.8 38.6



#3
Chloromethane
Concen: 0.825 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU047326.D
Acq: 04 Mar 2022 13:04

Tgt Ion: 50 Resp: 11397
Ion Ratio Lower Upper
50 100
52 34.7 23.0 42.8

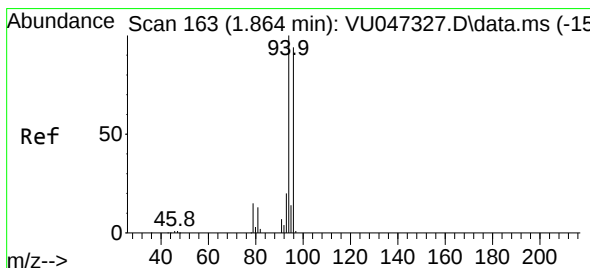
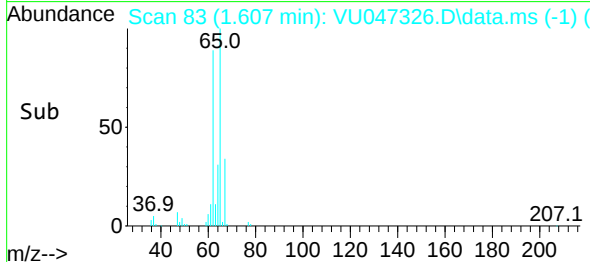
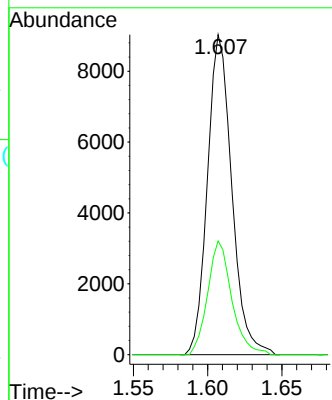
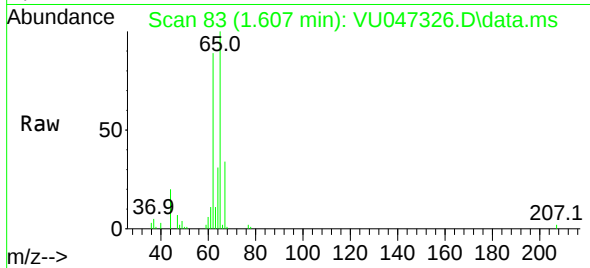




#5
 Vinyl chloride
 Concen: 0.805 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU047326.D
 Acq: 04 Mar 2022 13:04

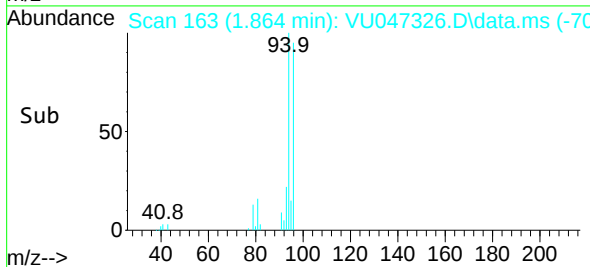
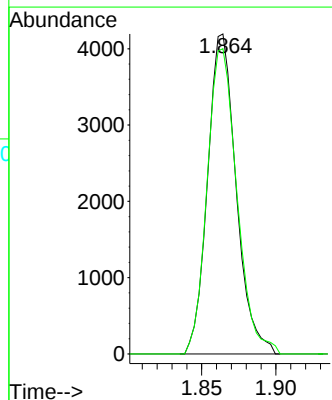
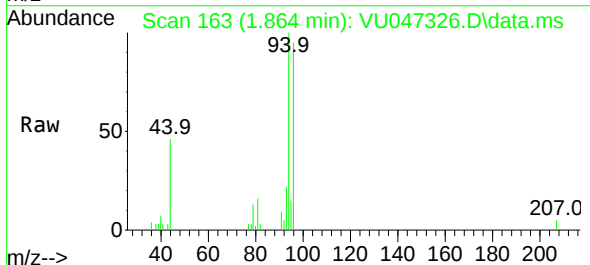
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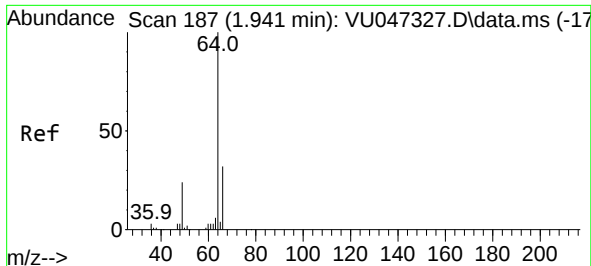
Tgt Ion: 62 Resp: 10279
 Ion Ratio Lower Upper
 62 100
 64 35.5 22.9 42.5



#6
 Bromomethane
 Concen: 0.796 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU047326.D
 Acq: 04 Mar 2022 13:04

Tgt Ion: 94 Resp: 5609
 Ion Ratio Lower Upper
 94 100
 96 95.4 65.5 121.6

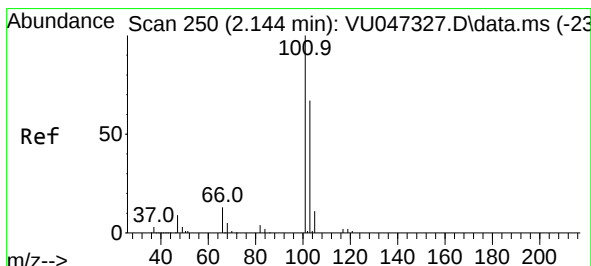
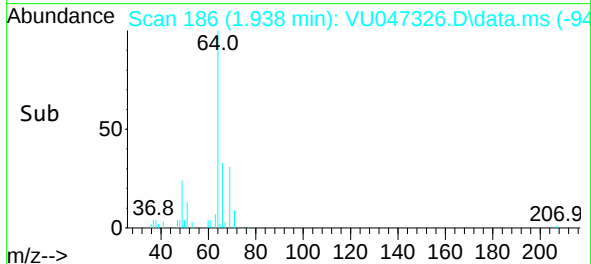
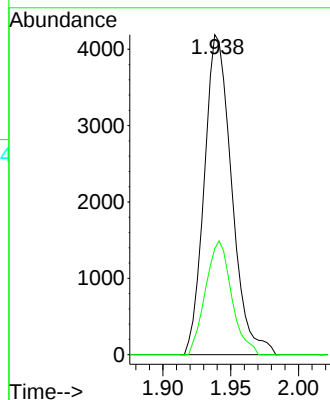
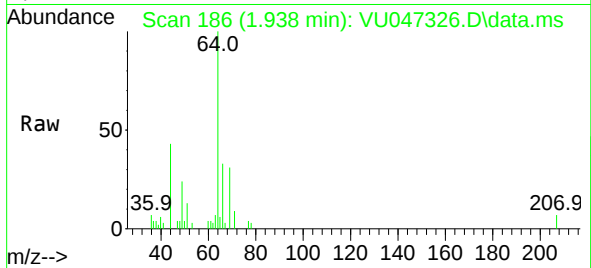




#8
Chloroethane
Concen: 0.796 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047326.D
Acq: 04 Mar 2022 13:04

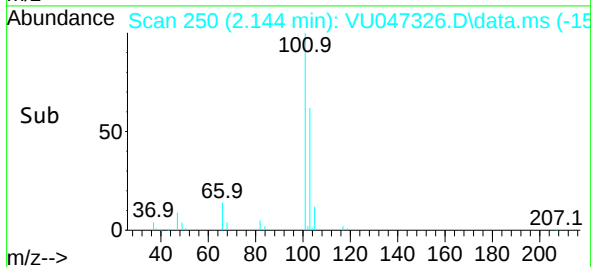
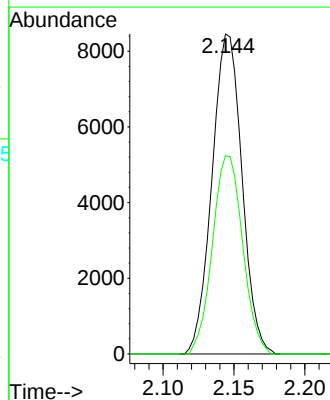
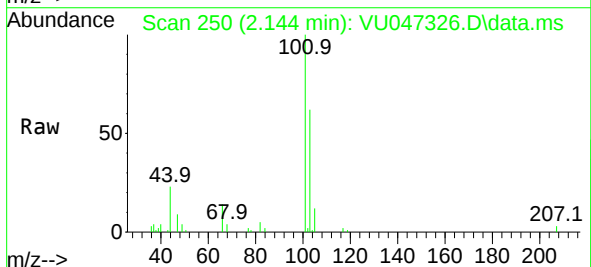
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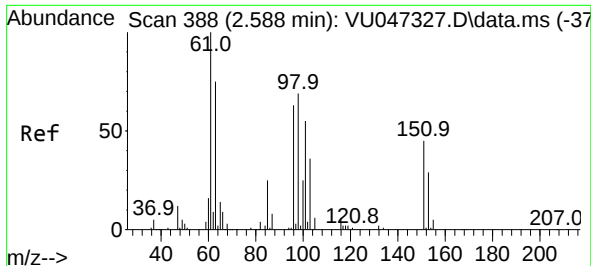
Tgt Ion: 64 Resp: 5898
Ion Ratio Lower Upper
64 100
66 33.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 0.822 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU047326.D
Acq: 04 Mar 2022 13:04

Tgt Ion: 101 Resp: 12448
Ion Ratio Lower Upper
101 100
103 62.3 51.5 77.3

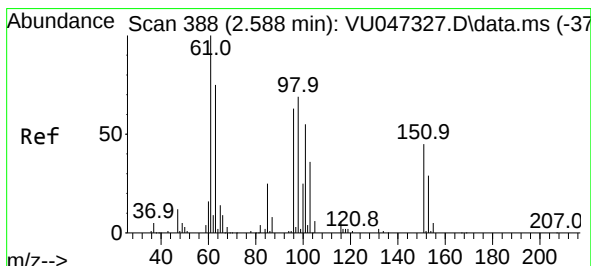
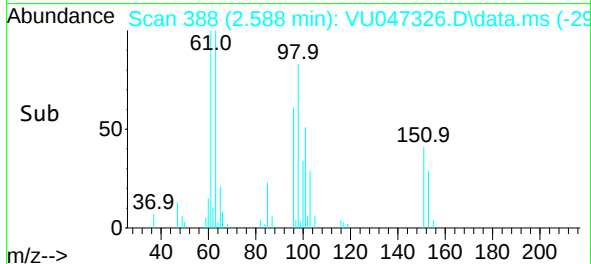
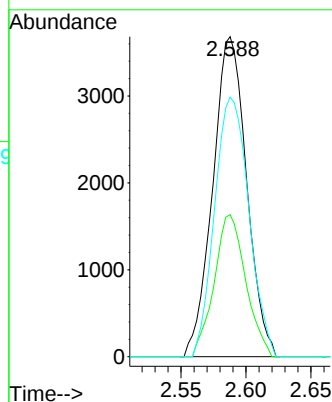
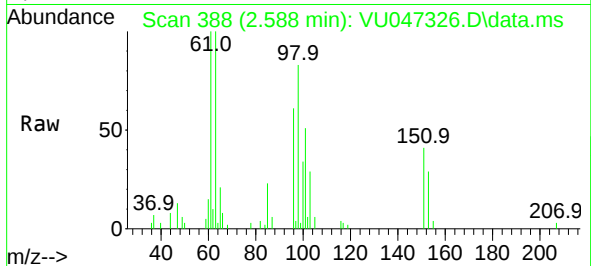




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.765 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047326.D
 Acq: 04 Mar 2022 13:04

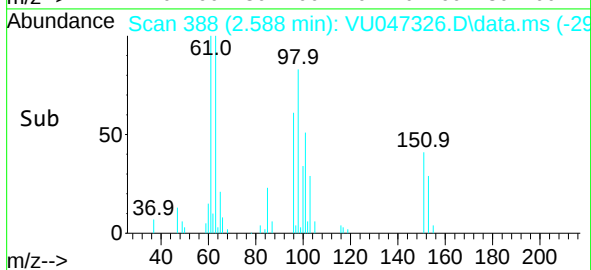
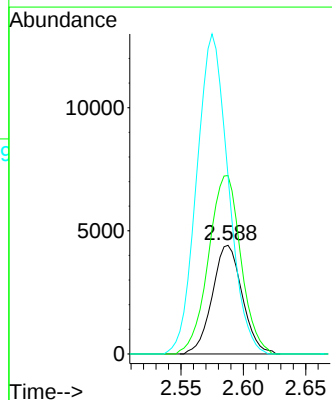
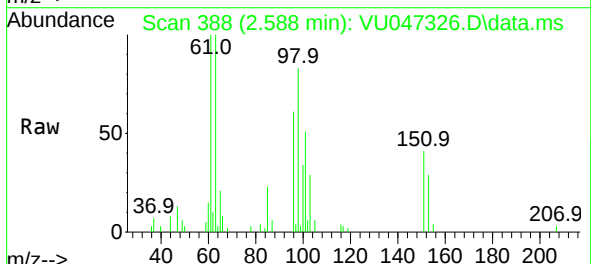
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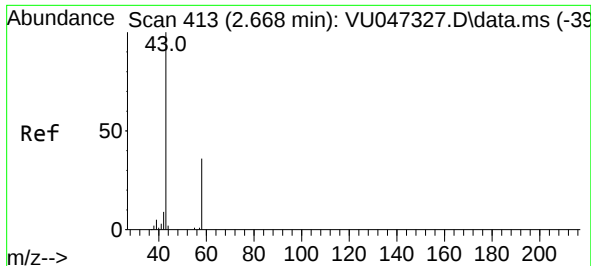
Tgt Ion:101 Resp: 6667
 Ion Ratio Lower Upper
 101 100
 85 41.3 34.6 51.8
 151 81.9 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 0.798 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047326.D
 Acq: 04 Mar 2022 13:04

Tgt Ion: 96 Resp: 7397
 Ion Ratio Lower Upper
 96 100
 61 164.2 124.7 231.5
 63 163.8 105.2 195.4





#13

Acetone

Concen: 4.538 ug/L

RT: 2.687 min Scan# 413

Delta R.T. 0.019 min

Lab File: VU047326.D

Acq: 04 Mar 2022 13:04

Instrument :

MSVOA_U

ClientSampleId :

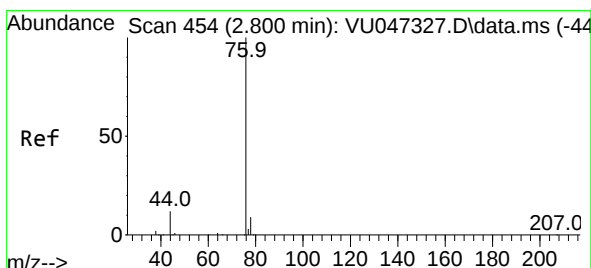
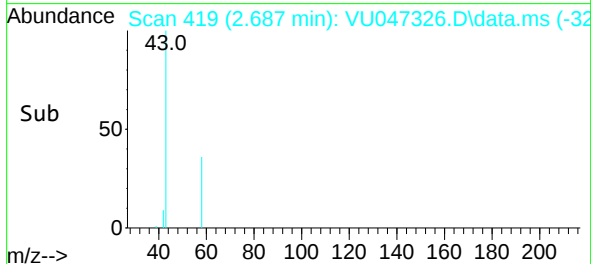
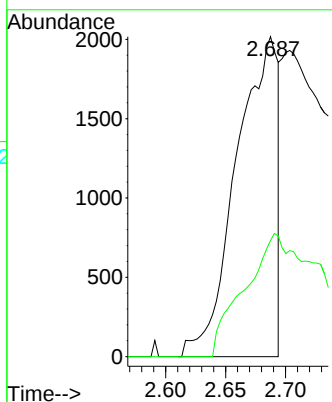
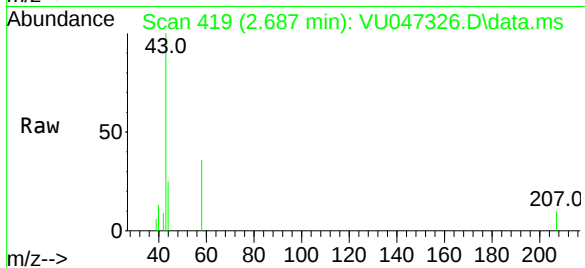
VSTD001008

Tgt Ion: 43 Resp: 4824

Ion Ratio Lower Upper

43 100

58 64.8 0.0 71.6



#14

Carbon disulfide

Concen: 0.795 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU047326.D

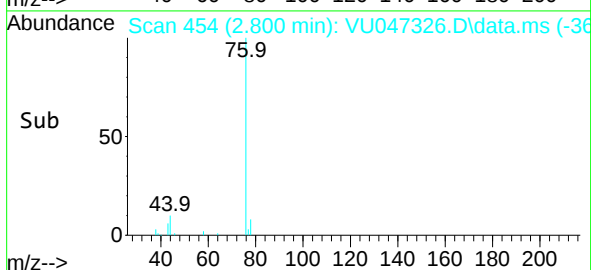
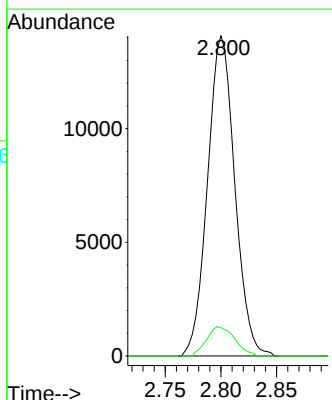
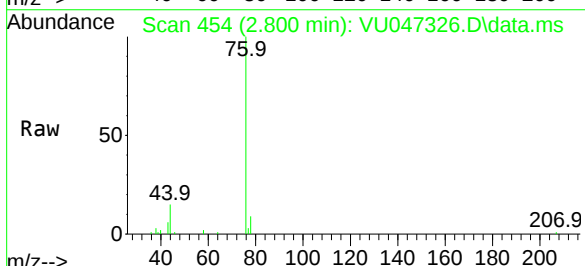
Acq: 04 Mar 2022 13:04

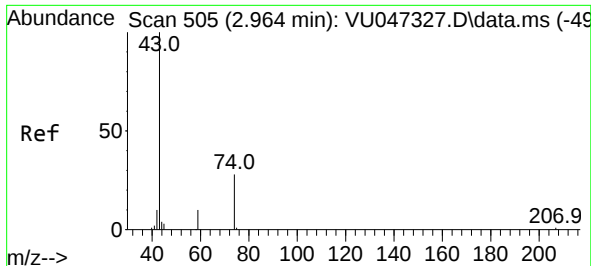
Tgt Ion: 76 Resp: 24001

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3

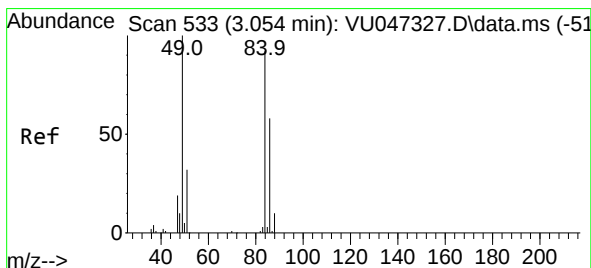
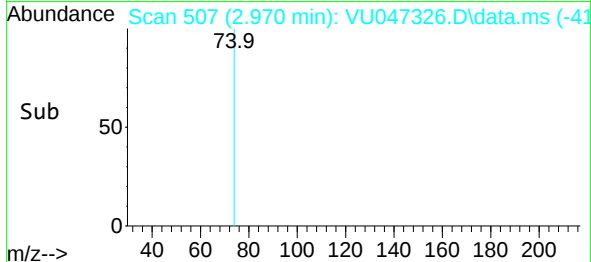
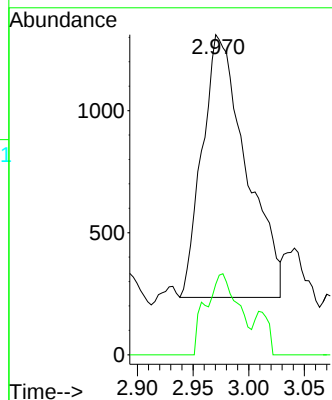
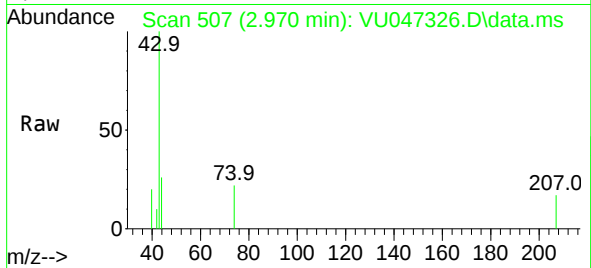




#15
Methyl Acetate
Concen: 0.762 ug/L
RT: 2.970 min Scan# 505
Delta R.T. 0.006 min
Lab File: VU047326.D
Acq: 04 Mar 2022 13:04

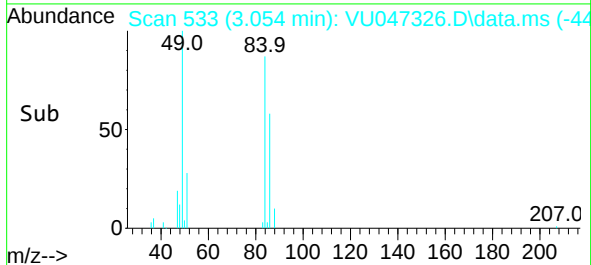
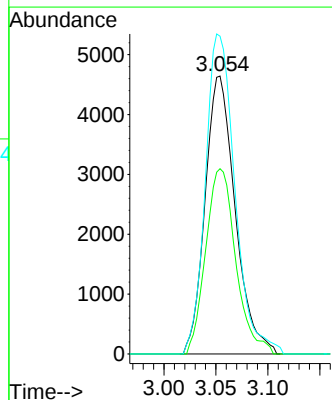
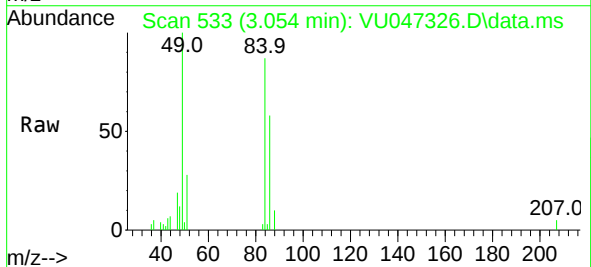
Instrument :
MSVOA_U
ClientSampleId :
VSTD001008

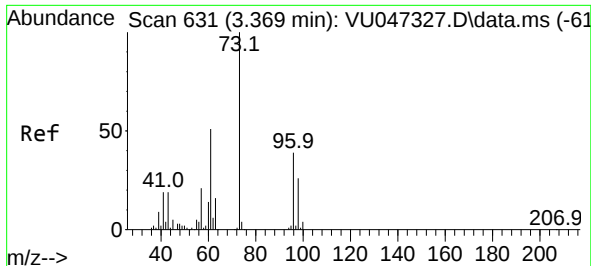
Tgt Ion: 43 Resp: 2946
Ion Ratio Lower Upper
43 100
74 23.1 19.1 28.7



#16
Methylene chloride
Concen: 0.828 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU047326.D
Acq: 04 Mar 2022 13:04

Tgt Ion: 84 Resp: 9367
Ion Ratio Lower Upper
84 100
86 66.7 45.8 85.0
49 114.3 84.5 156.9

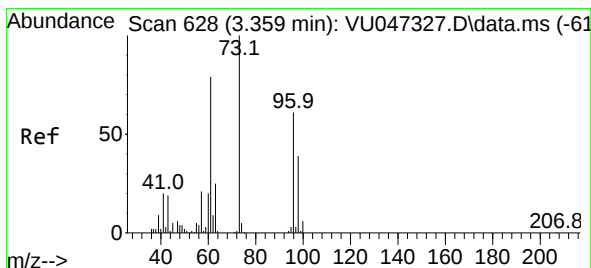
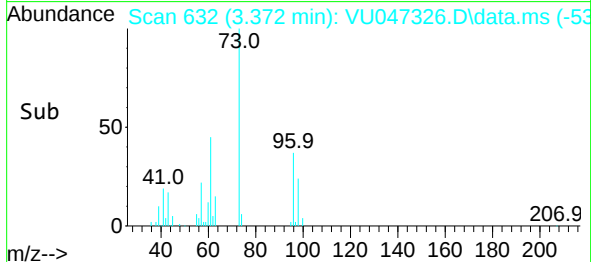
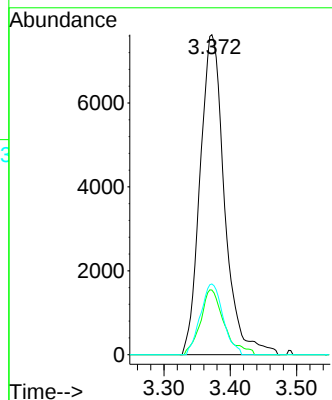
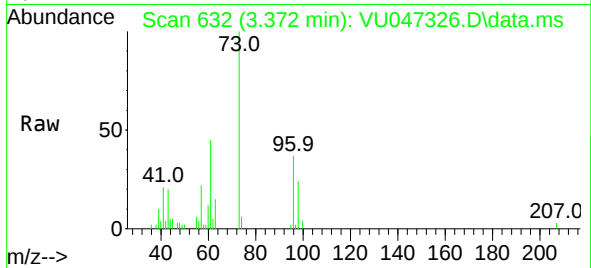




#17
Methyl tert-butyl Ether
Concen: 0.754 ug/L
RT: 3.372 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU047326.D
Acq: 04 Mar 2022 13:04

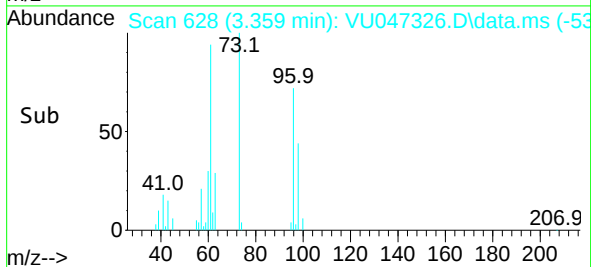
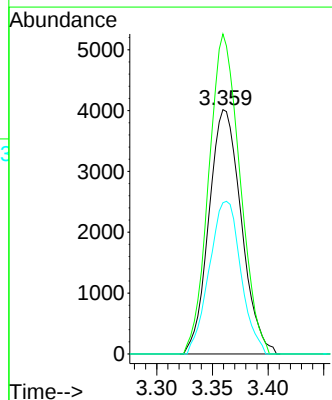
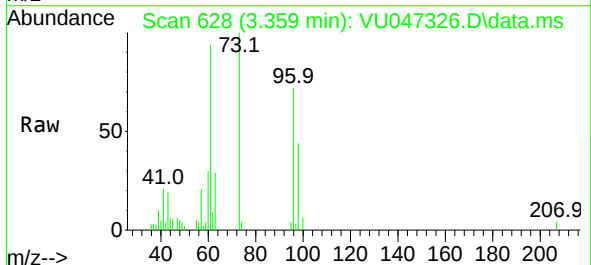
Instrument :
MSVOA_U
ClientSampleId :
VSTD001008

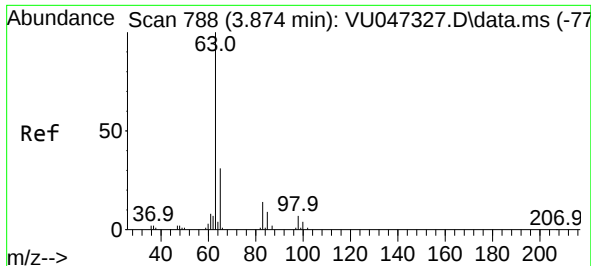
Tgt Ion: 73 Resp: 19498
Ion Ratio Lower Upper
73 100
43 19.6 14.8 22.2
57 20.4 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 0.789 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU047326.D
Acq: 04 Mar 2022 13:04

Tgt Ion: 96 Resp: 8124
Ion Ratio Lower Upper
96 100
61 131.0 100.8 187.2
98 61.9 45.1 83.7





#19

1,1-Dichloroethane

Concen: 0.790 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU047326.D

Acq: 04 Mar 2022 13:04

Instrument :

MSVOA_U

ClientSampleId :

VSTD001008

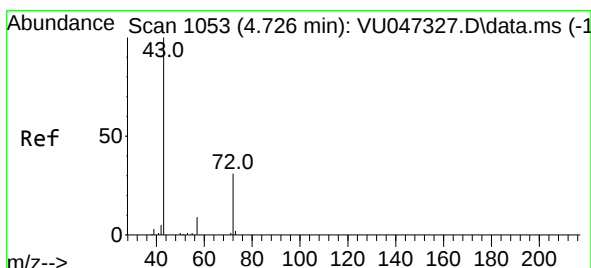
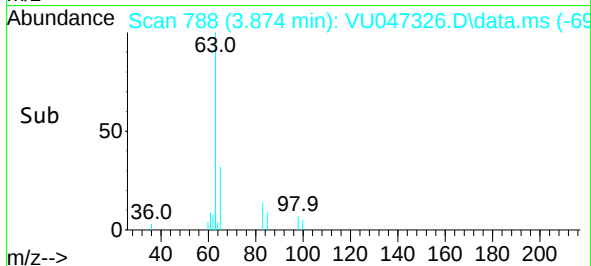
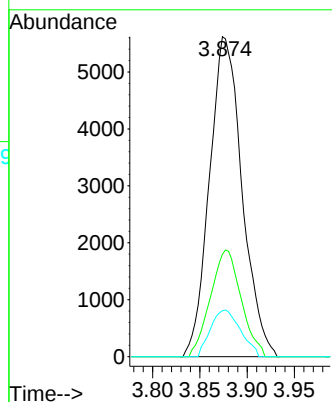
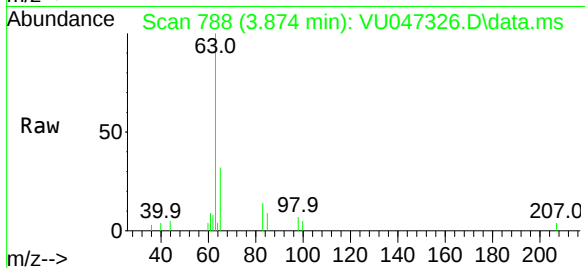
Tgt Ion: 63 Resp: 13478

Ion Ratio Lower Upper

63 100

65 32.0 22.3 41.5

83 14.4 9.6 17.8



#21

2-Butanone

Concen: 8.880 ug/L

RT: 4.745 min Scan# 1059

Delta R.T. 0.019 min

Lab File: VU047326.D

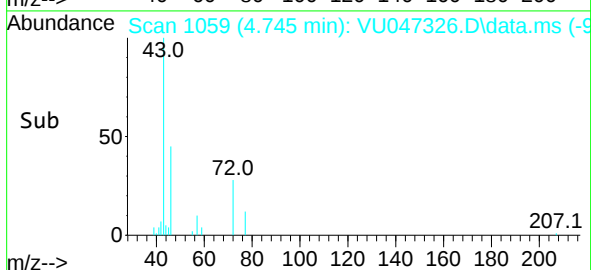
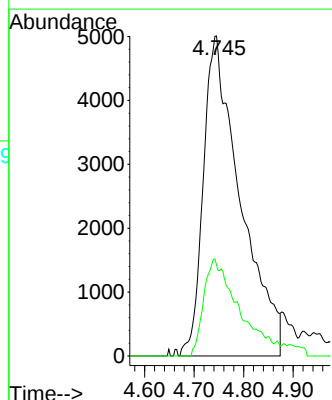
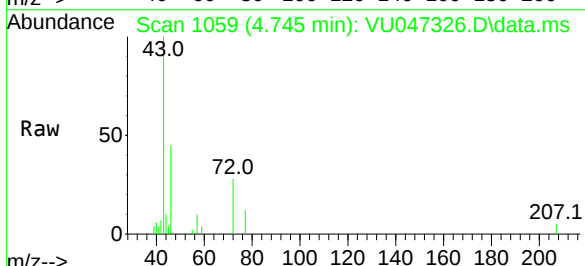
Acq: 04 Mar 2022 13:04

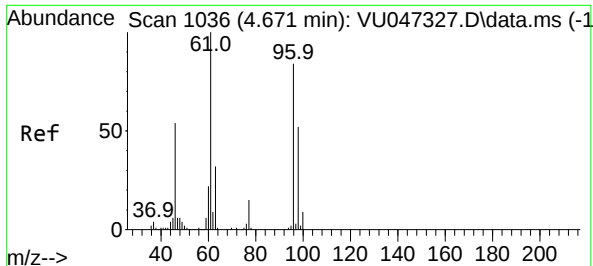
Tgt Ion: 43 Resp: 26063

Ion Ratio Lower Upper

43 100

72 27.4 14.1 42.3





#22

cis-1,2-Dichloroethene

Concen: 0.776 ug/L

RT: 4.674 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VU047326.D

Acq: 04 Mar 2022 13:04

Instrument :

MSVOA_U

ClientSampleId :

VSTD001008

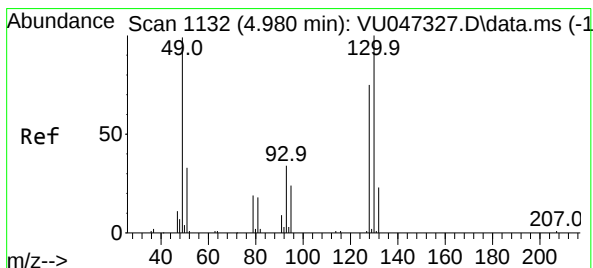
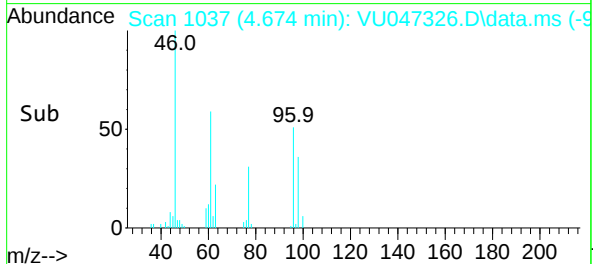
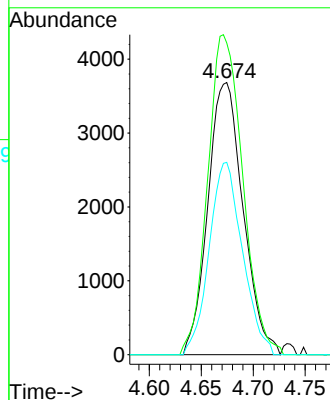
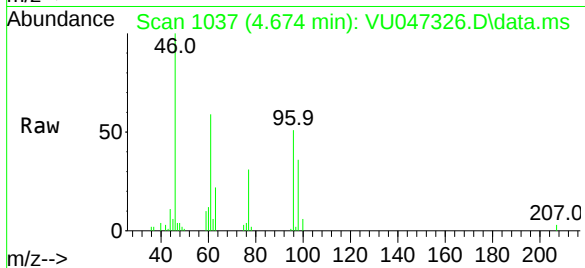
Tgt Ion: 96 Resp: 8699

Ion Ratio Lower Upper

96 100

61 114.5 88.5 164.3

98 70.7 44.4 82.5



#23

Bromochloromethane

Concen: 0.781 ug/L

RT: 4.983 min Scan# 1133

Delta R.T. 0.003 min

Lab File: VU047326.D

Acq: 04 Mar 2022 13:04

Tgt Ion: 128 Resp: 4325

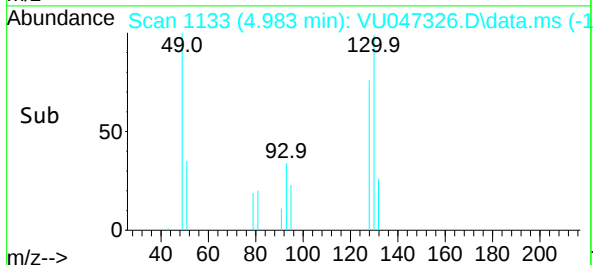
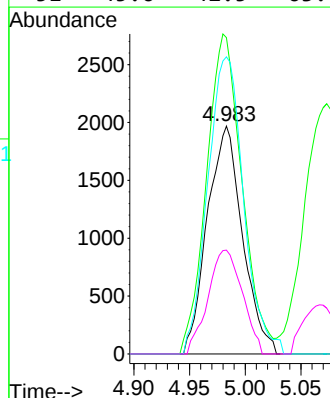
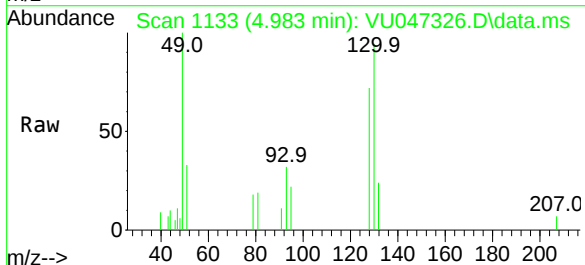
Ion Ratio Lower Upper

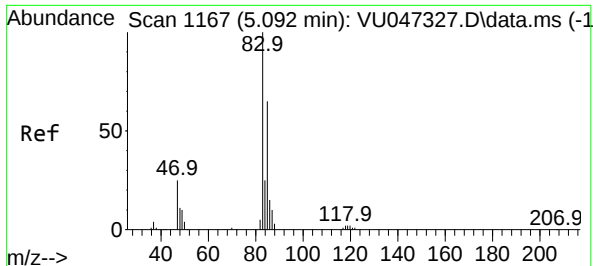
128 100

49 138.8 117.0 217.2

130 130.4 88.2 163.8

51 45.6 42.5 63.7





#25

Chloroform

Concen: 0.787 ug/L

RT: 5.096 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU047326.D

Acq: 04 Mar 2022 13:04

Instrument :

MSVOA_U

ClientSampleId :

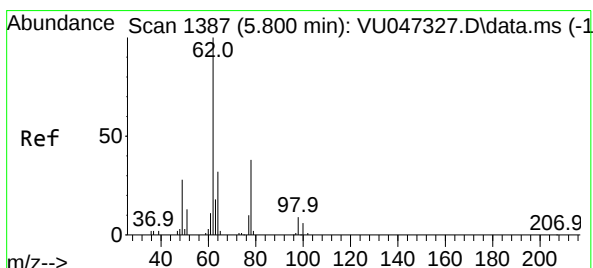
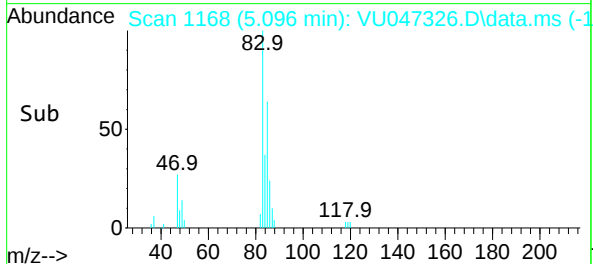
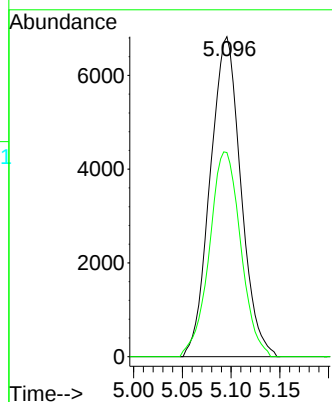
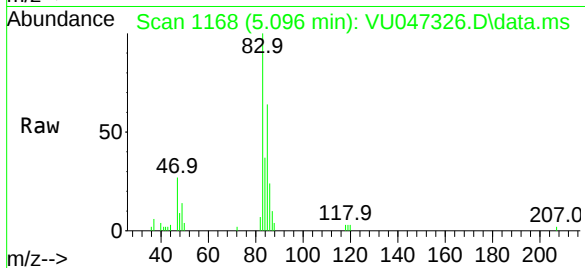
VSTD001008

Tgt Ion: 83 Resp: 14949

Ion Ratio Lower Upper

83 100

85 63.8 46.9 87.1



#27

1,2-Dichloroethane

Concen: 0.797 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU047326.D

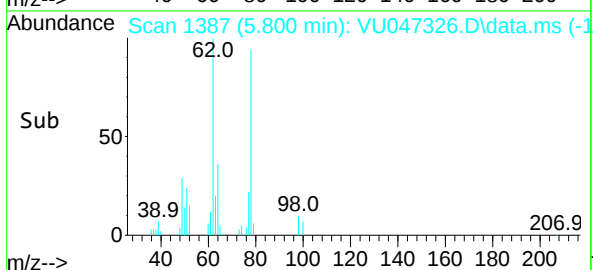
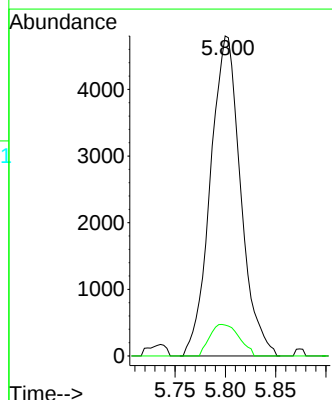
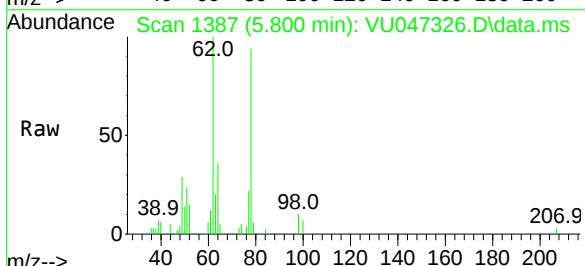
Acq: 04 Mar 2022 13:04

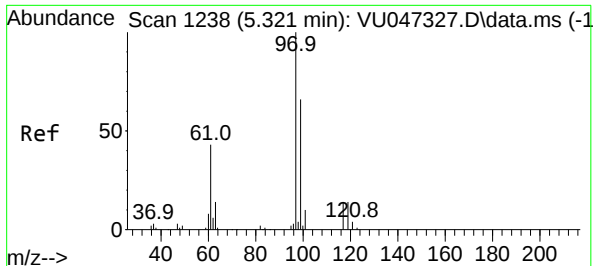
Tgt Ion: 62 Resp: 10037

Ion Ratio Lower Upper

62 100

98 9.6 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 0.793 ug/L

RT: 5.324 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU047326.D

Acq: 04 Mar 2022 13:04

Instrument :

MSVOA_U

ClientSampleId :

VSTD001008

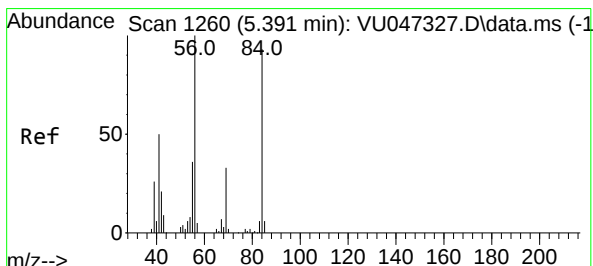
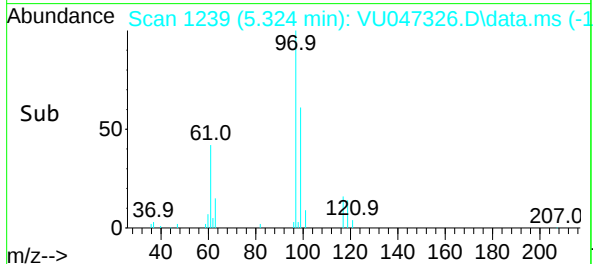
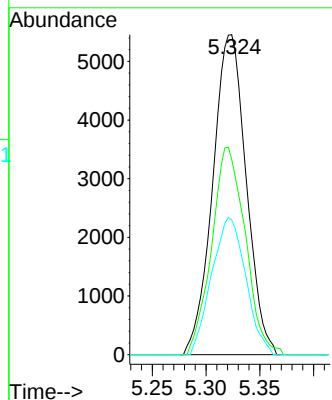
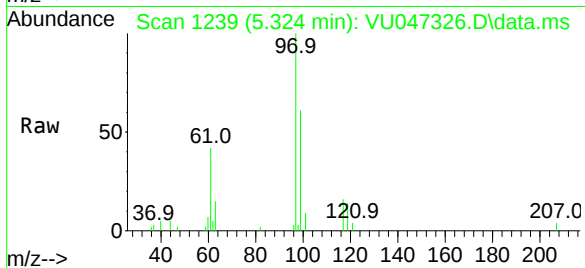
Tgt Ion: 97 Resp: 11810

Ion Ratio Lower Upper

97 100

99 65.0 51.3 76.9

61 43.6 36.1 54.1



#30

Cyclohexane

Concen: 0.783 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VU047326.D

Acq: 04 Mar 2022 13:04

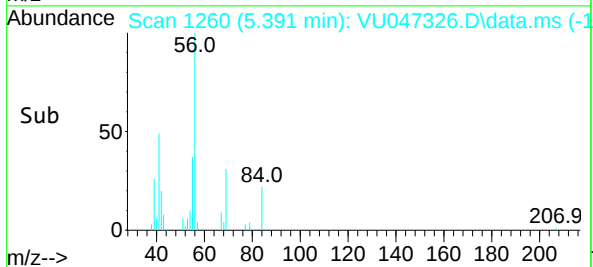
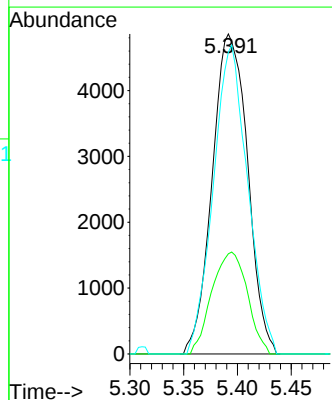
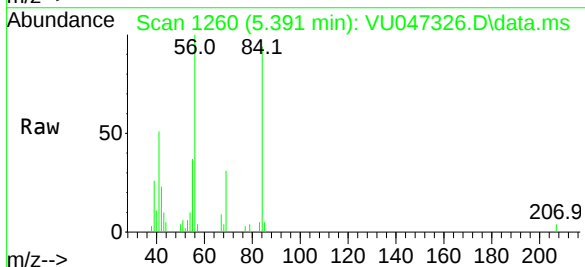
Tgt Ion: 56 Resp: 11113

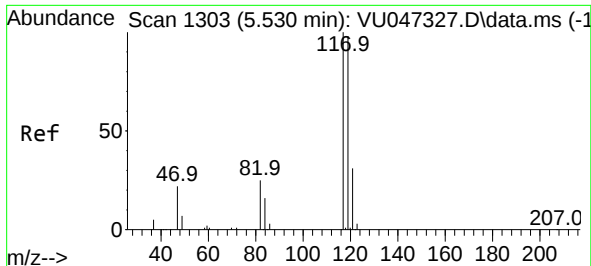
Ion Ratio Lower Upper

56 100

69 32.0 24.7 37.1

84 93.5 71.8 107.6

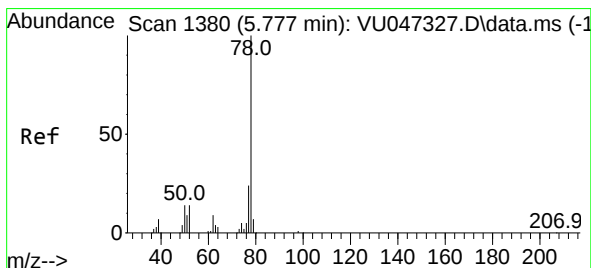
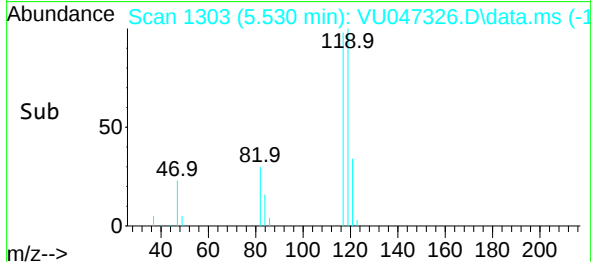
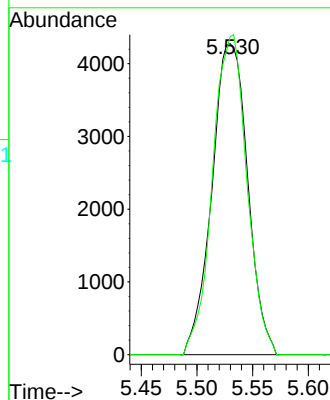
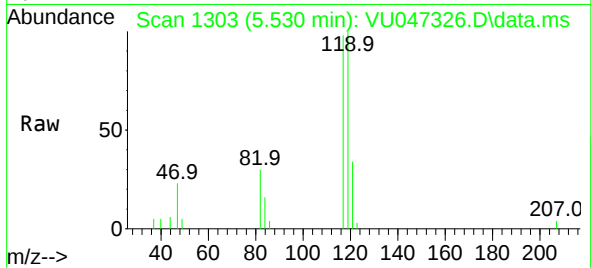




#31
Carbon tetrachloride
Concen: 0.749 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU047326.D
Acq: 04 Mar 2022 13:04

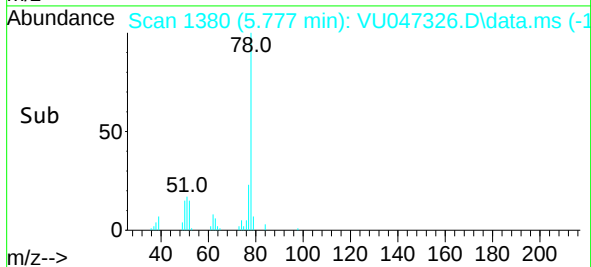
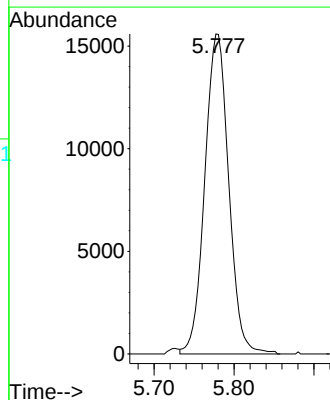
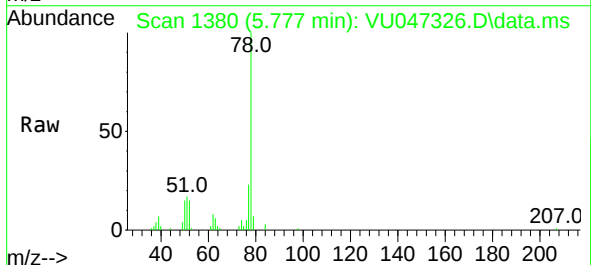
Instrument :
MSVOA_U
ClientSampleId :
VSTD001008

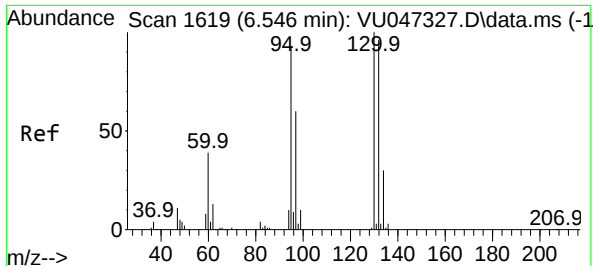
Tgt Ion:117 Resp: 9558
Ion Ratio Lower Upper
117 100
119 98.7 77.5 116.3



#33
Benzene
Concen: 0.786 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047326.D
Acq: 04 Mar 2022 13:04

Tgt Ion: 78 Resp: 32441





#34

Trichloroethene

Concen: 0.765 ug/L

RT: 6.543 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047326.D

Acq: 04 Mar 2022 13:04

Instrument :

MSVOA_U

ClientSampleId :

VSTD001008

Tgt Ion: 95 Resp: 8184

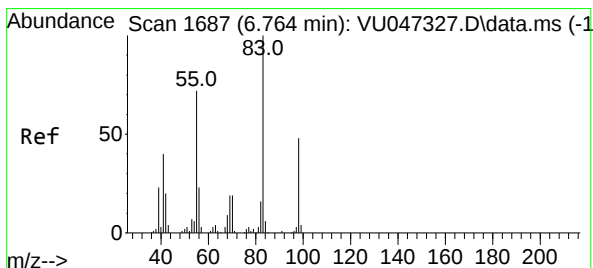
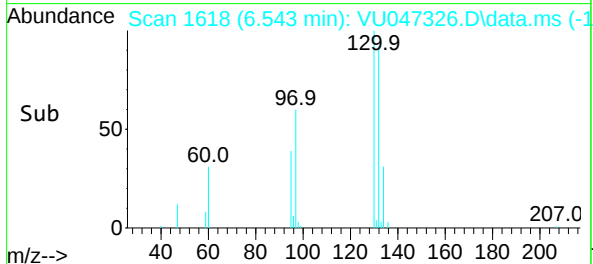
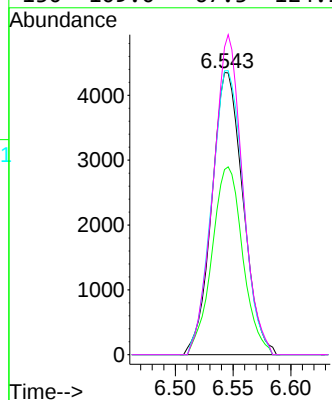
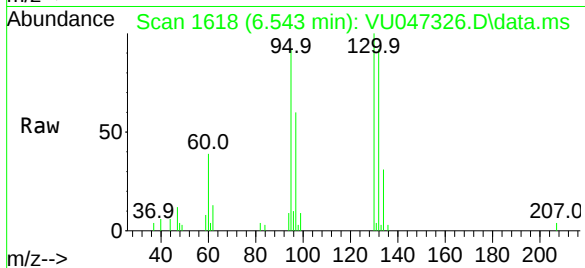
Ion Ratio Lower Upper

95 100

97 65.6 46.5 86.5

132 100.6 65.1 120.9

130 109.0 67.3 124.9



#35

Methylcyclohexane

Concen: 0.738 ug/L

RT: 6.768 min Scan# 1688

Delta R.T. 0.003 min

Lab File: VU047326.D

Acq: 04 Mar 2022 13:04

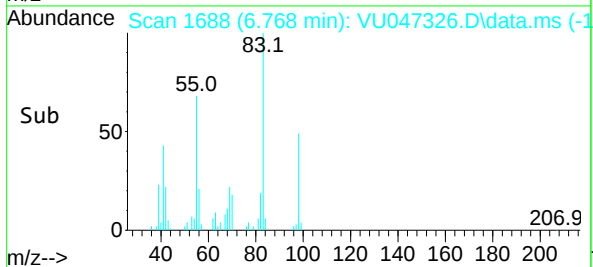
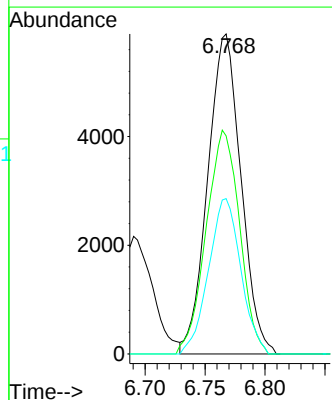
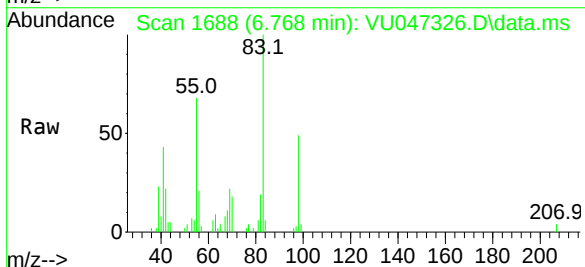
Tgt Ion: 83 Resp: 11332

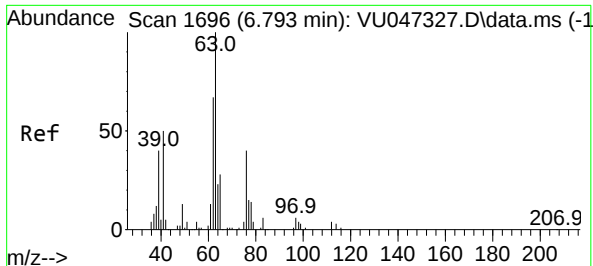
Ion Ratio Lower Upper

83 100

55 70.4 61.9 92.9

98 47.2 39.0 58.6





#37

1,2-Dichloropropane

Concen: 0.769 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047326.D

Acq: 04 Mar 2022 13:04

Instrument :

MSVOA_U

ClientSampleId :

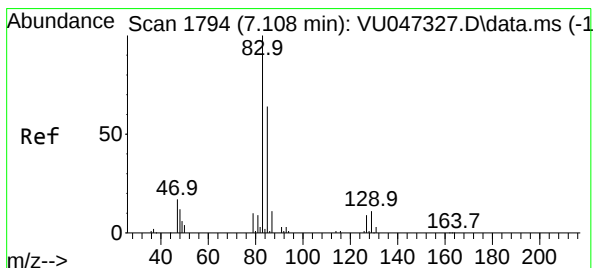
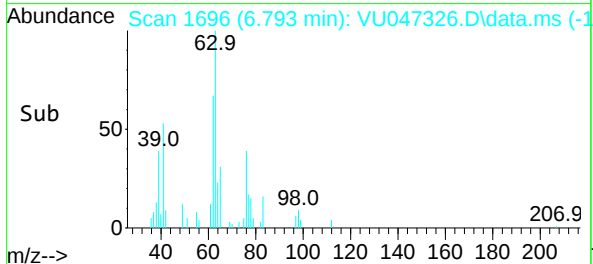
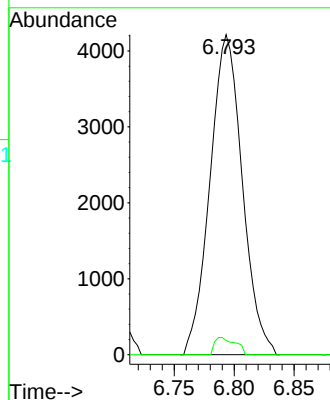
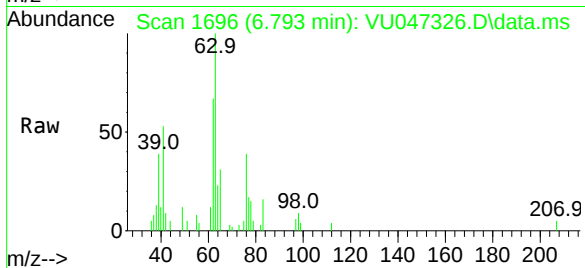
VSTD001008

Tgt Ion: 63 Resp: 7894

Ion Ratio Lower Upper

63 100

112 3.4 3.2 4.8



#38

Bromodichloromethane

Concen: 0.750 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU047326.D

Acq: 04 Mar 2022 13:04

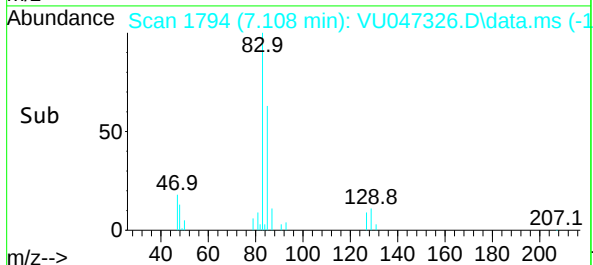
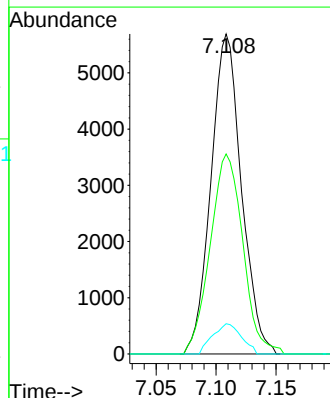
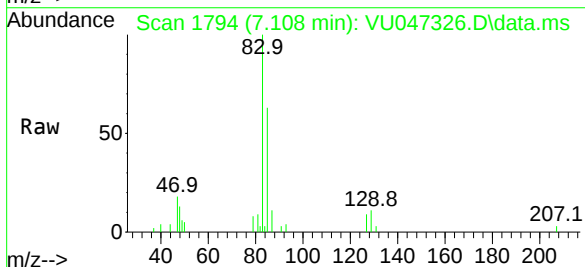
Tgt Ion: 83 Resp: 10048

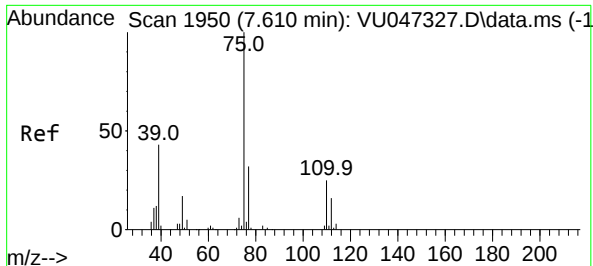
Ion Ratio Lower Upper

83 100

85 62.5 44.0 81.8

127 9.5 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 0.737 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047326.D

Acq: 04 Mar 2022 13:04

Instrument :

MSVOA_U

ClientSampleId :

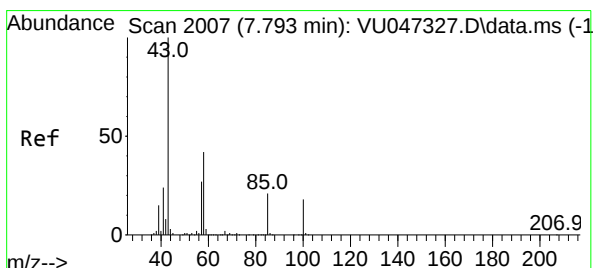
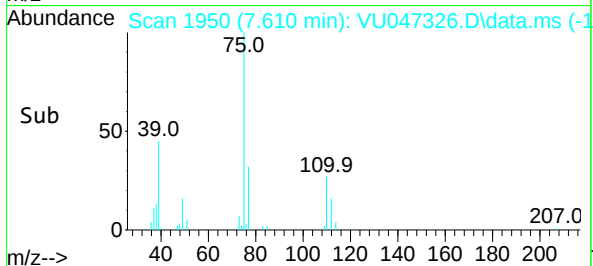
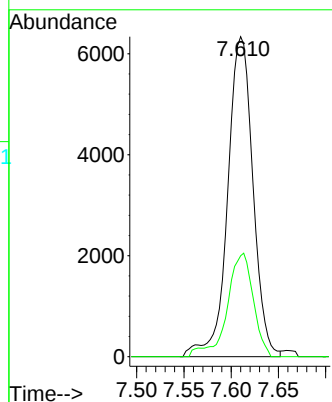
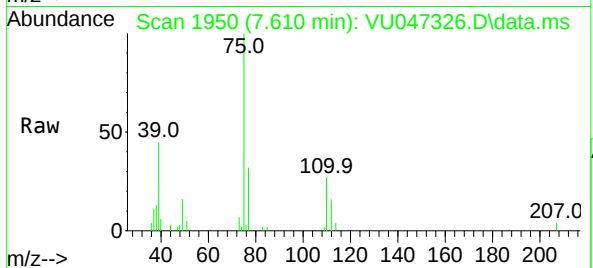
VSTD001008

Tgt Ion: 75 Resp: 11798

Ion Ratio Lower Upper

75 100

77 31.5 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 7.497 ug/L

RT: 7.797 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU047326.D

Acq: 04 Mar 2022 13:04

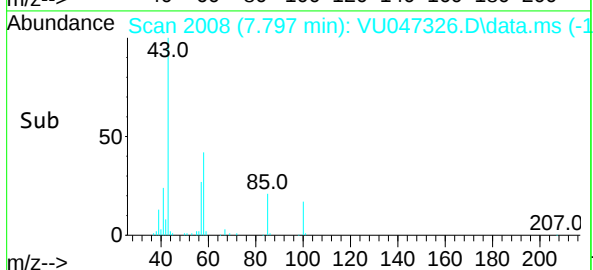
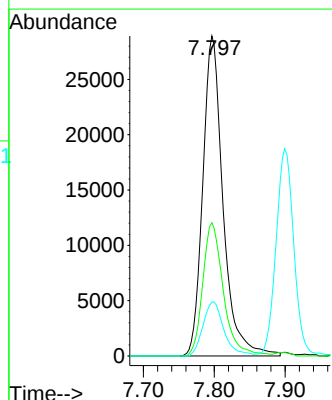
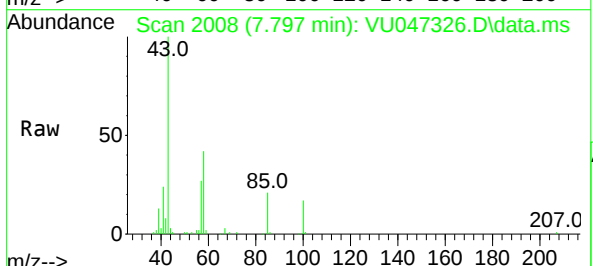
Tgt Ion: 43 Resp: 57459

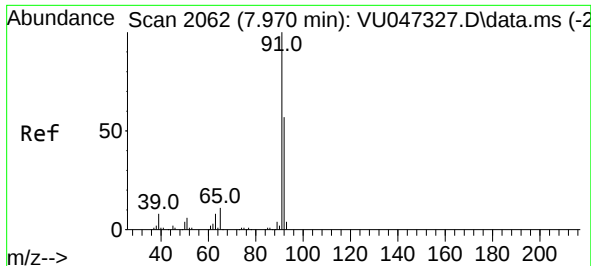
Ion Ratio Lower Upper

43 100

58 42.3 33.1 49.7

100 17.5 13.2 19.8





#42

Toluene

Concen: 0.736 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU047326.D

Acq: 04 Mar 2022 13:04

Instrument :

MSVOA_U

ClientSampleId :

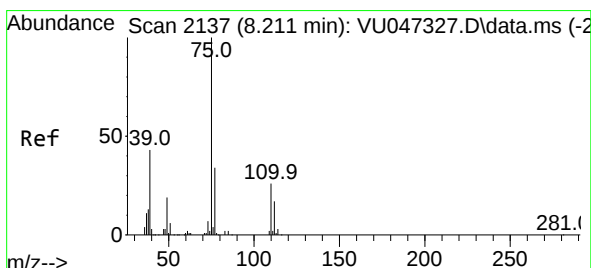
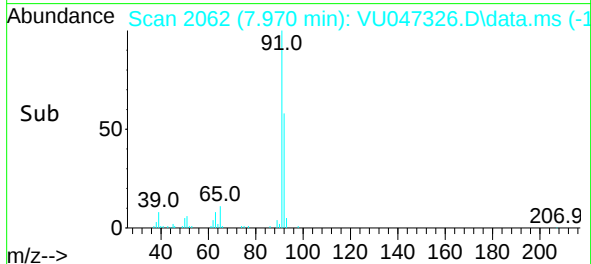
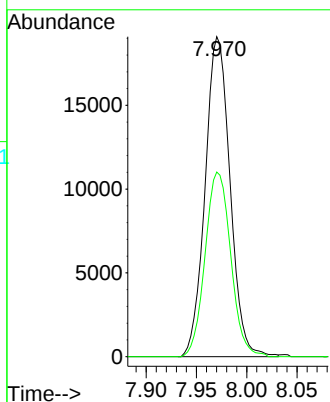
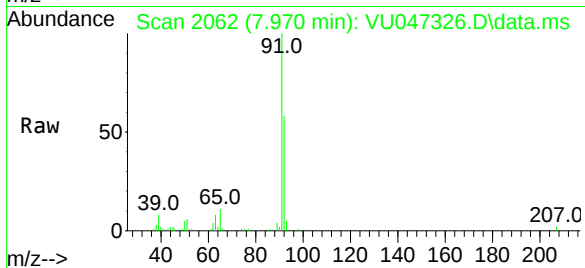
VSTD001008

Tgt Ion: 91 Resp: 32936

Ion Ratio Lower Upper

91 100

92 57.7 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 0.722 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU047326.D

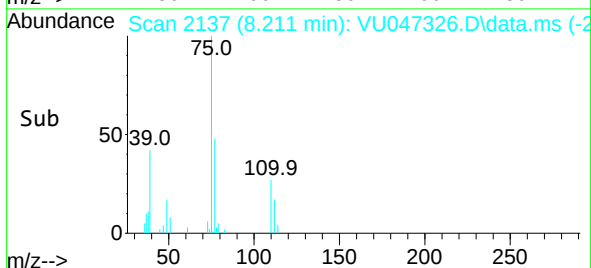
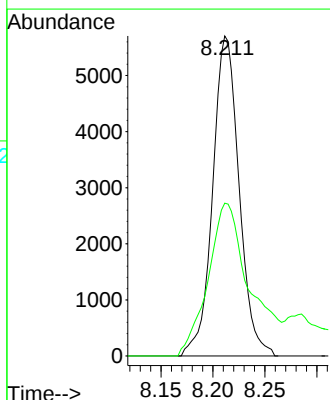
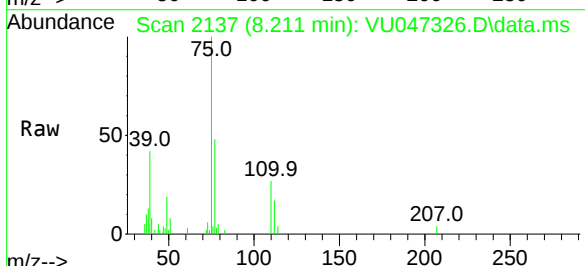
Acq: 04 Mar 2022 13:04

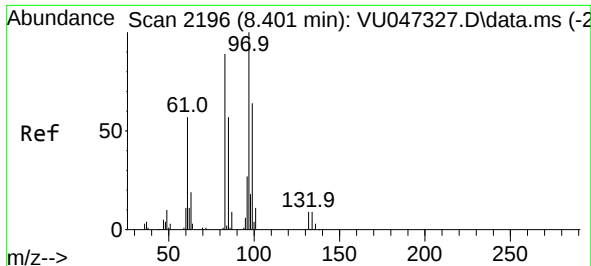
Tgt Ion: 75 Resp: 10096

Ion Ratio Lower Upper

75 100

77 47.8 22.7 42.3#

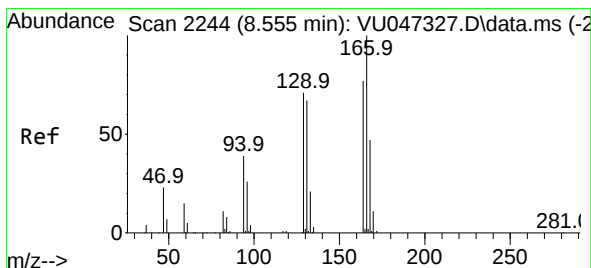
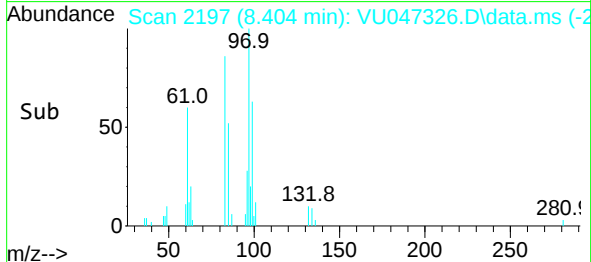
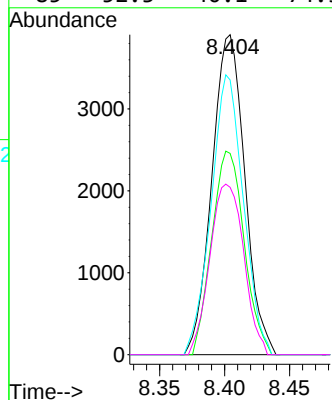
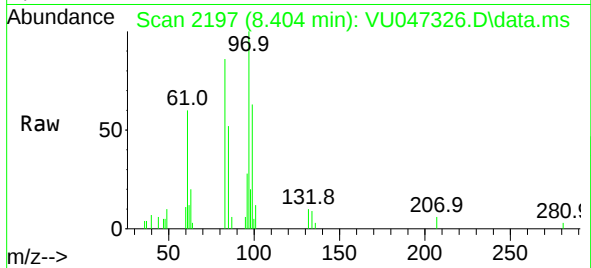




#45
1,1,2-Trichloroethane
Concen: 0.779 ug/L
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU047326.D
Acq: 04 Mar 2022 13:04

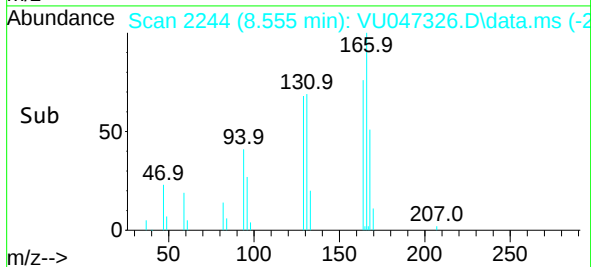
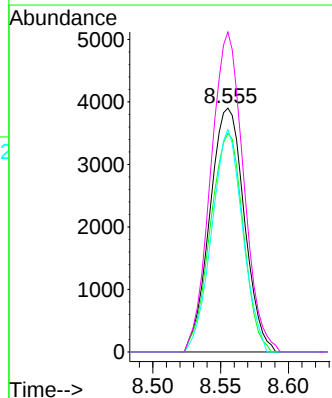
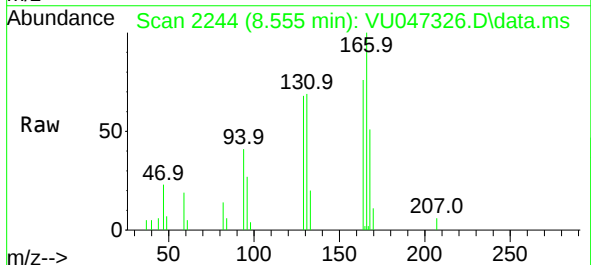
Instrument :
MSVOA_U
ClientSampleId :
VSTD001008

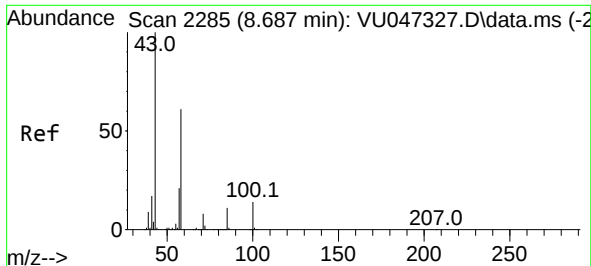
Tgt Ion:	97	Resp:	6881
Ion	Ratio	Lower	Upper
97	100		
99	62.9	42.3	78.5
83	85.8	62.0	115.2
85	52.3	40.1	74.5



#47
Tetrachloroethene
Concen: 0.767 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047326.D
Acq: 04 Mar 2022 13:04

Tgt Ion:	164	Resp:	6900
Ion	Ratio	Lower	Upper
164	100		
129	89.6	71.8	133.4
131	91.2	68.5	127.3
166	131.2	94.1	174.8

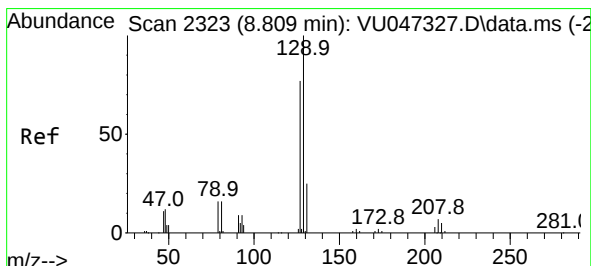
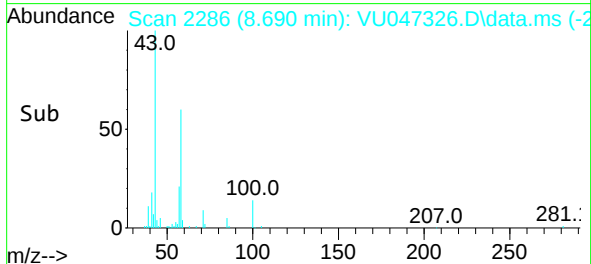
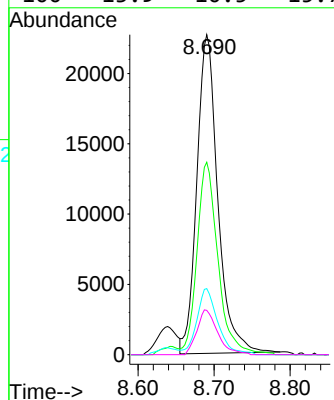
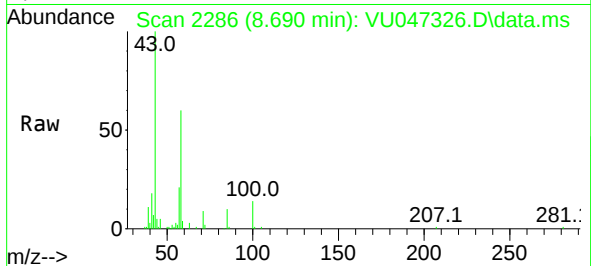




#48
2-Hexanone
Concen: 7.667 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047326.D
Acq: 04 Mar 2022 13:04

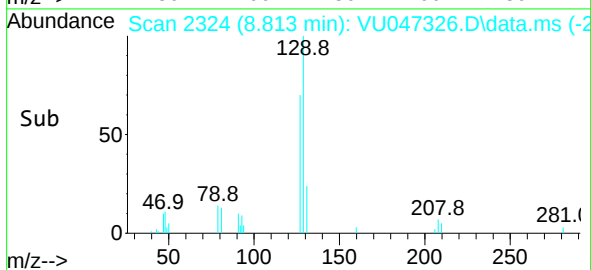
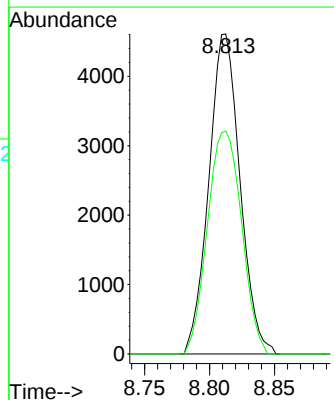
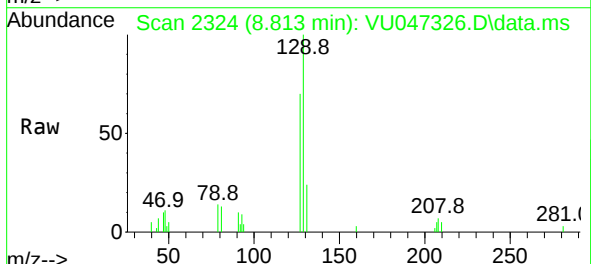
Instrument :
MSVOA_U
ClientSampleId :
VSTD001008

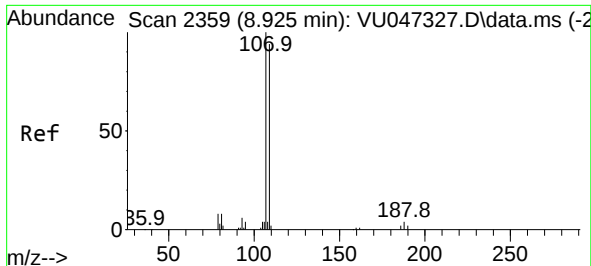
Tgt Ion:	43	Resp:	43427
Ion	Ratio	Lower	Upper
43	100		
58	60.4	46.7	70.1
57	20.9	16.3	24.5
100	13.9	10.5	15.7



#49
Dibromochloromethane
Concen: 0.764 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU047326.D
Acq: 04 Mar 2022 13:04

Tgt Ion:	129	Resp:	7704
Ion	Ratio	Lower	Upper
129	100		
127	69.7	55.4	102.8





#50

1,2-Dibromoethane

Concen: 0.771 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047326.D

Acq: 04 Mar 2022 13:04

Instrument :

MSVOA_U

ClientSampleId :

VSTD001008

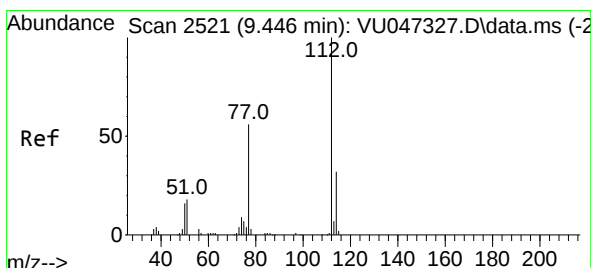
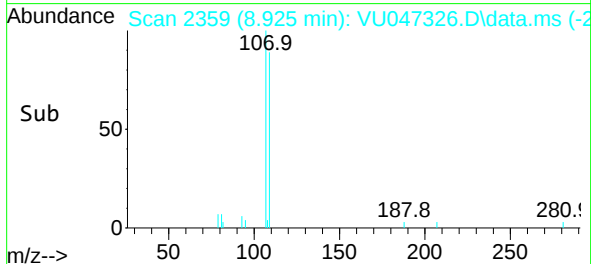
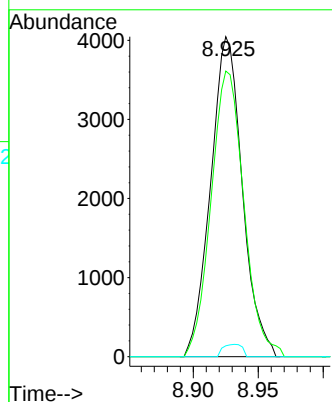
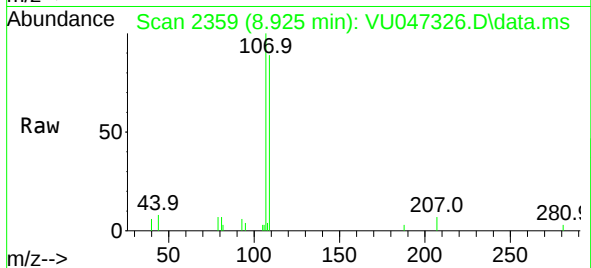
Tgt Ion:107 Resp: 6867

Ion Ratio Lower Upper

107 100

109 89.3 64.0 119.0

188 3.4 2.4 3.6



#51

Chlorobenzene

Concen: 0.748 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU047326.D

Acq: 04 Mar 2022 13:04

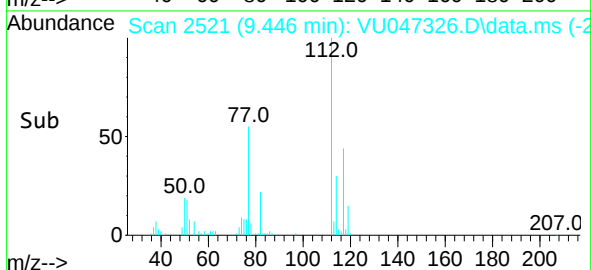
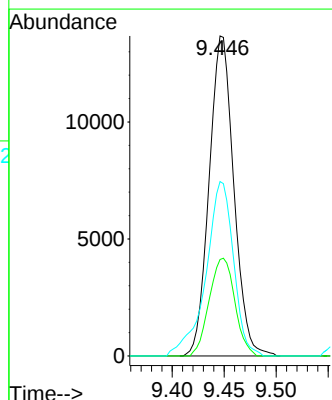
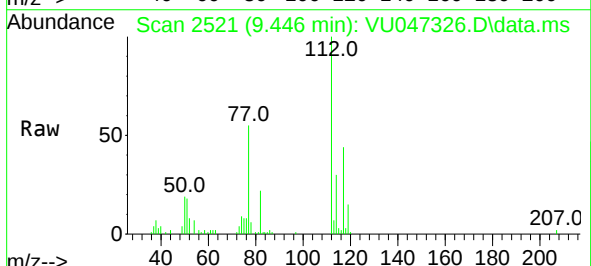
Tgt Ion:112 Resp: 22579

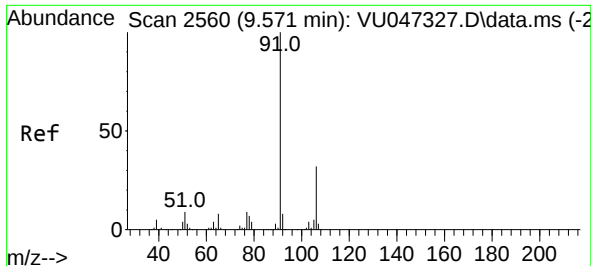
Ion Ratio Lower Upper

112 100

114 30.2 22.1 41.1

77 54.5 48.3 72.5

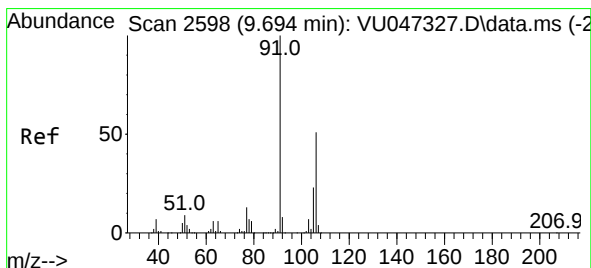
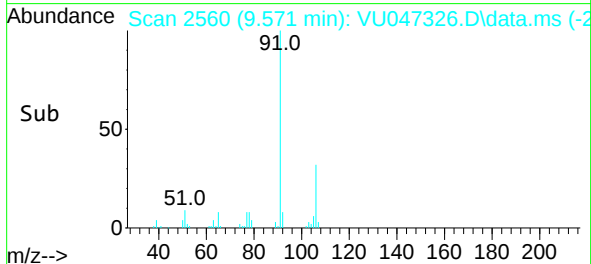
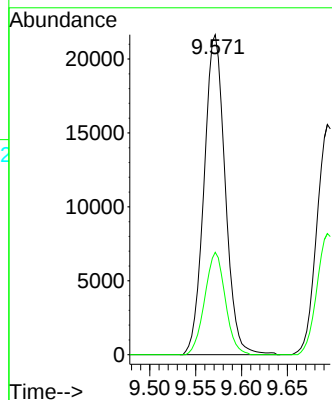
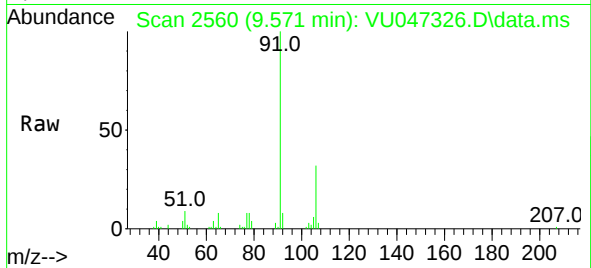




#52
Ethylbenzene
Concen: 0.741 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047326.D
Acq: 04 Mar 2022 13:04

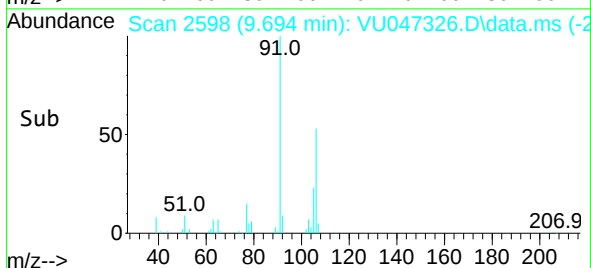
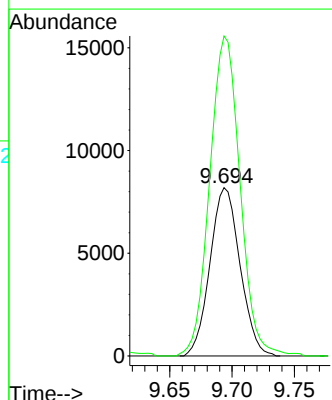
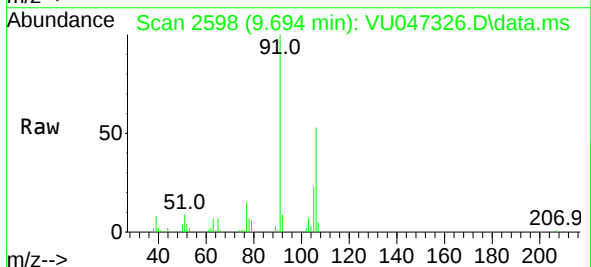
Instrument :
MSVOA_U
ClientSampleId :
VSTD001008

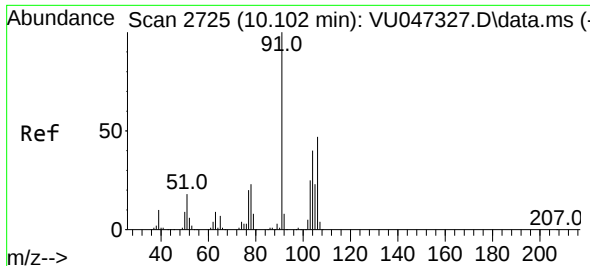
Tgt Ion: 91 Resp: 34665
Ion Ratio Lower Upper
91 100
106 32.0 21.5 39.9



#53
m,p-Xylene
Concen: 0.735 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU047326.D
Acq: 04 Mar 2022 13:04

Tgt Ion: 106 Resp: 13753
Ion Ratio Lower Upper
106 100
91 190.1 139.4 259.0

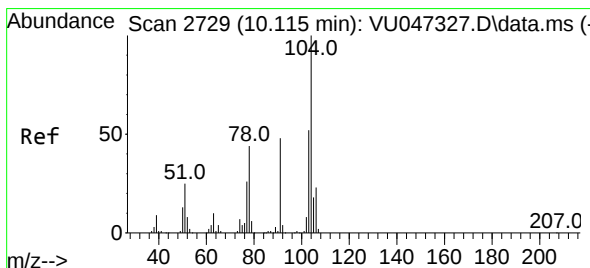
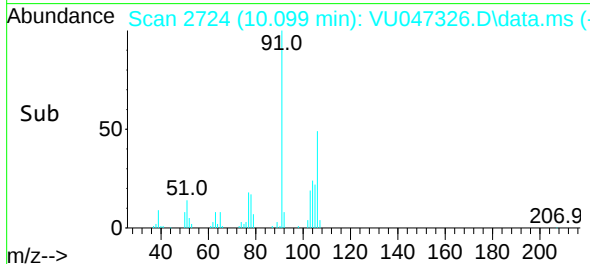
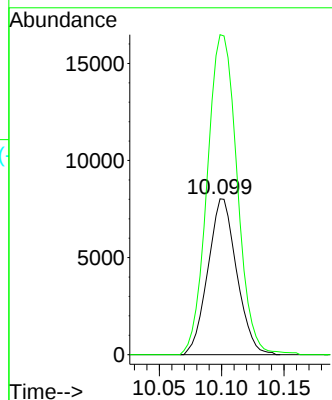
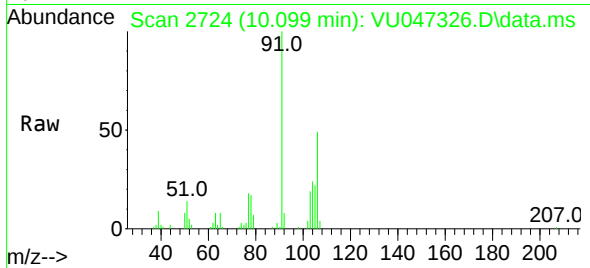




#54
o-Xylene
Concen: 0.718 ug/L
RT: 10.099 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU047326.D
Acq: 04 Mar 2022 13:04

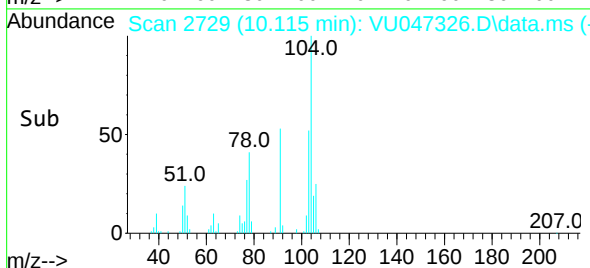
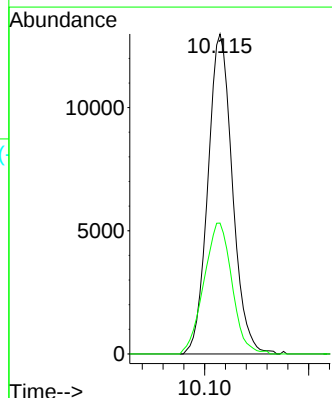
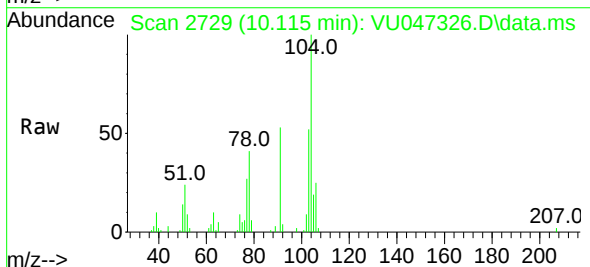
Instrument :
MSVOA_U
ClientSampleId :
VSTD001008

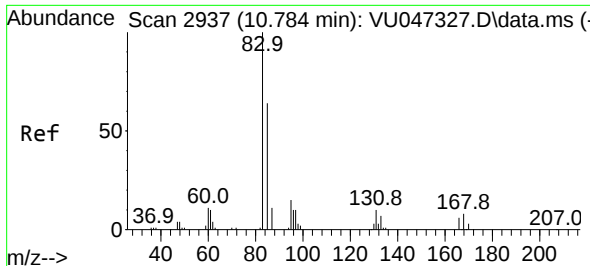
Tgt Ion:106 Resp: 12915
Ion Ratio Lower Upper
106 100
91 205.2 147.5 273.9



#55
Styrene
Concen: 0.708 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047326.D
Acq: 04 Mar 2022 13:04

Tgt Ion:104 Resp: 21293
Ion Ratio Lower Upper
104 100
78 40.9 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 0.761 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU047326.D

Acq: 04 Mar 2022 13:04

Instrument :

MSVOA_U

ClientSampleId :

VSTD001008

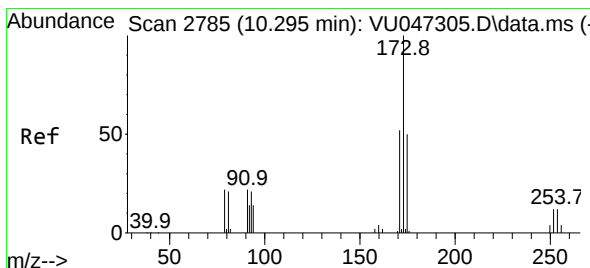
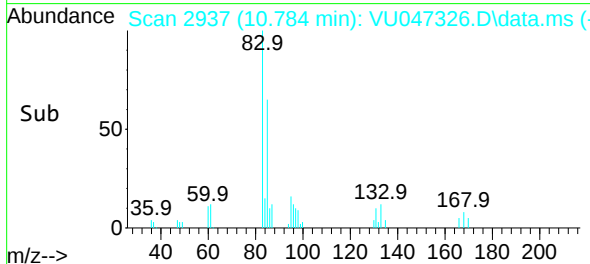
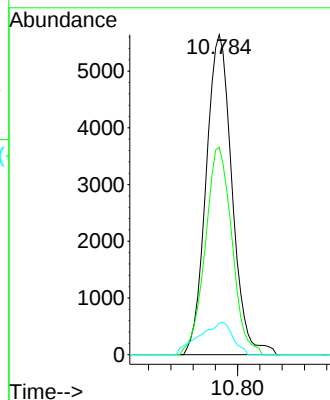
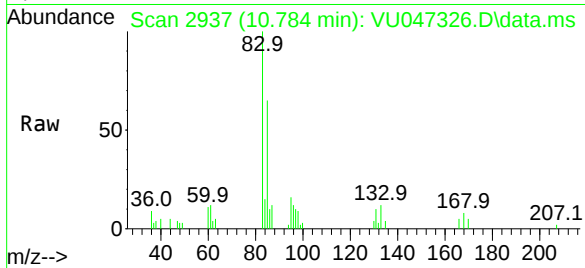
Tgt Ion: 83 Resp: 9108

Ion Ratio Lower Upper

83 100

85 64.8 47.9 89.1

131 9.9 8.1 12.1



#59

Bromoform

Concen: 0.676 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU047326.D

Acq: 04 Mar 2022 13:04

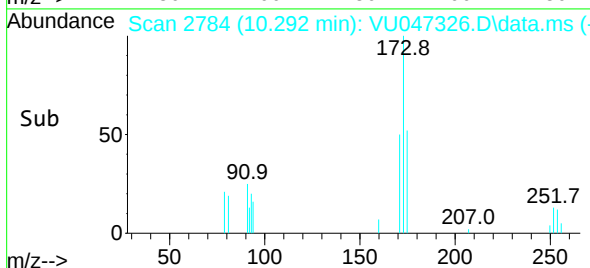
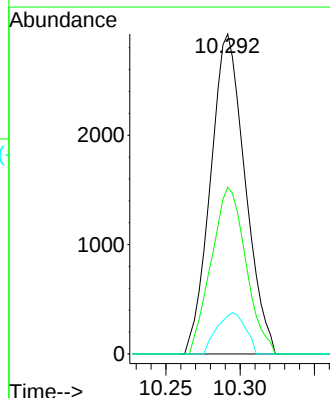
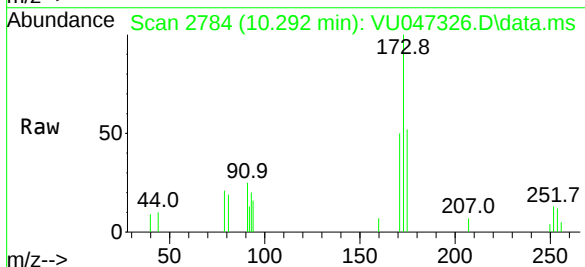
Tgt Ion:173 Resp: 4728

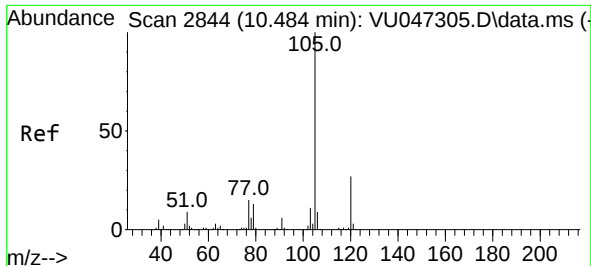
Ion Ratio Lower Upper

173 100

175 52.2 37.8 56.6

254 10.6 7.3 10.9

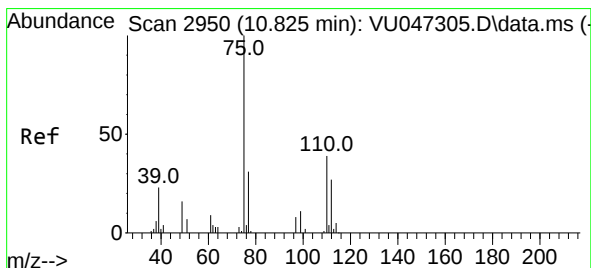
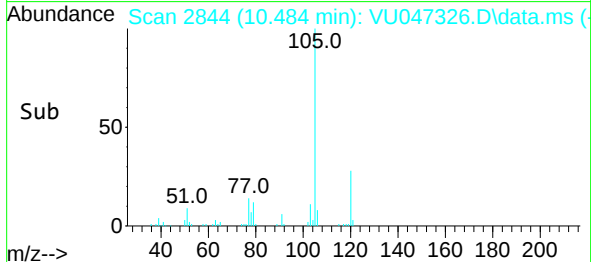
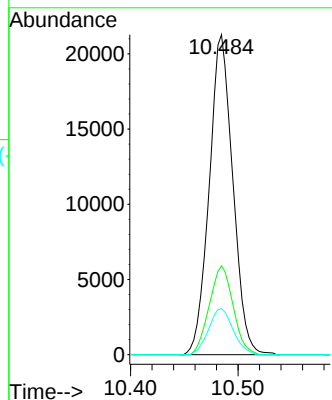
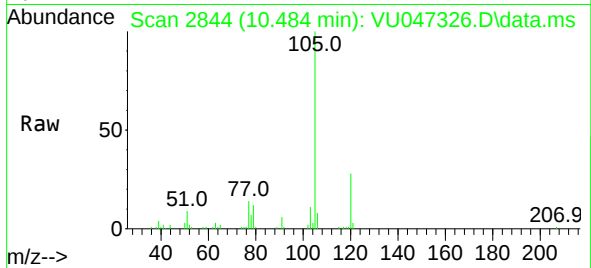




#60
Isopropylbenzene
Concen: 0.654 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU047326.D
Acq: 04 Mar 2022 13:04

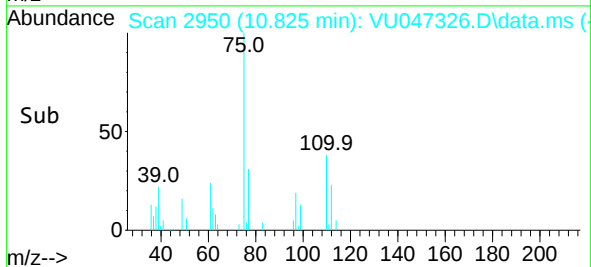
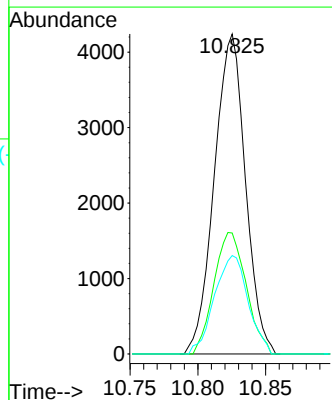
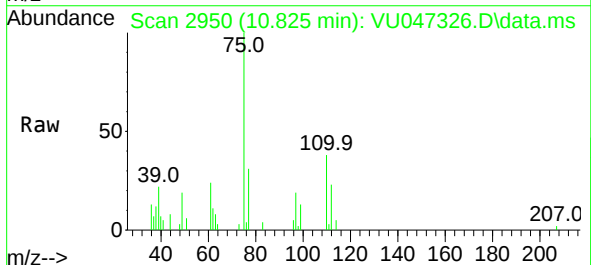
Instrument :
MSVOA_U
ClientSampleId :
VSTD001008

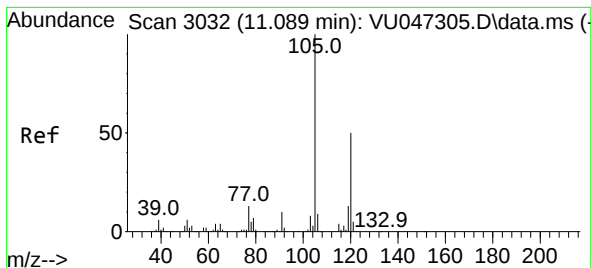
Tgt Ion:105 Resp: 32381
Ion Ratio Lower Upper
105 100
120 28.0 20.7 31.1
77 15.0 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 0.778 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU047326.D
Acq: 04 Mar 2022 13:04

Tgt Ion: 75 Resp: 6774
Ion Ratio Lower Upper
75 100
110 39.4 29.9 44.9
77 33.2 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 0.633 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU047326.D

Acq: 04 Mar 2022 13:04

Instrument :

MSVOA_U

ClientSampleId :

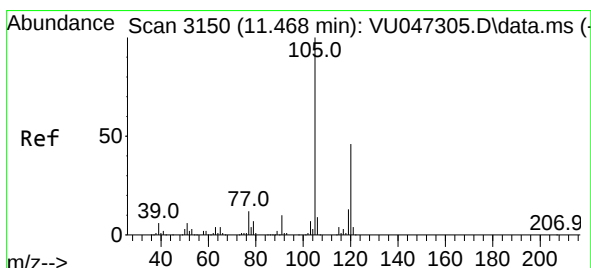
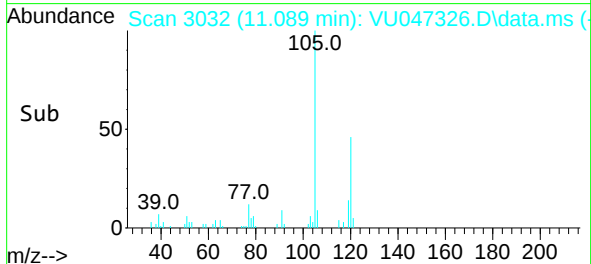
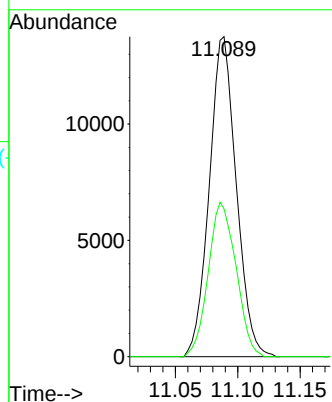
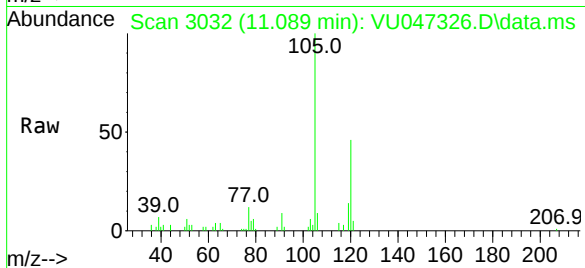
VSTD001008

Tgt Ion:105 Resp: 20740

Ion Ratio Lower Upper

105 100

120 49.6 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 0.625 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU047326.D

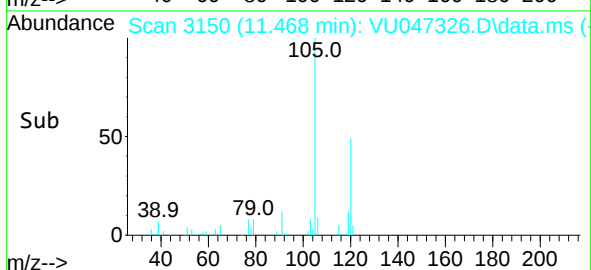
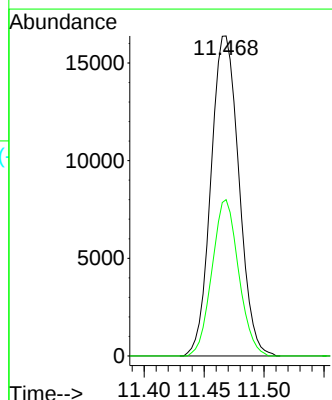
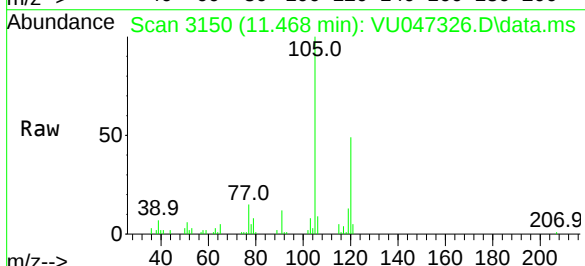
Acq: 04 Mar 2022 13:04

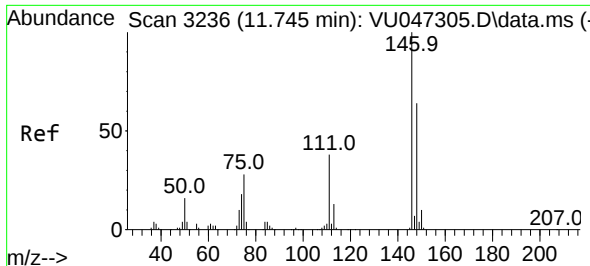
Tgt Ion:105 Resp: 26527

Ion Ratio Lower Upper

105 100

120 46.5 35.8 53.8

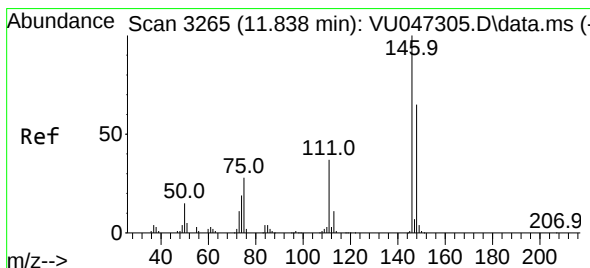
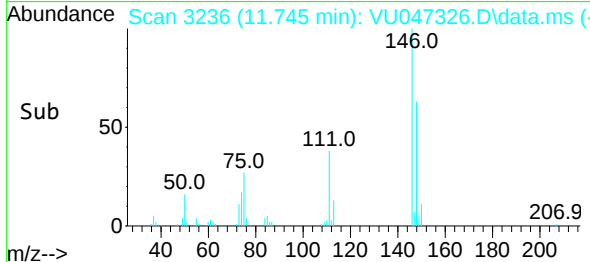
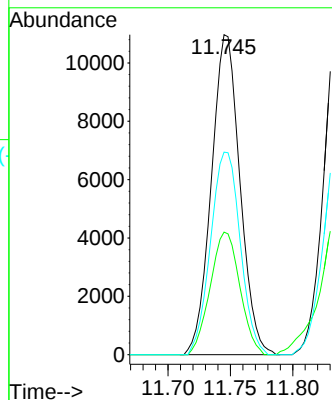
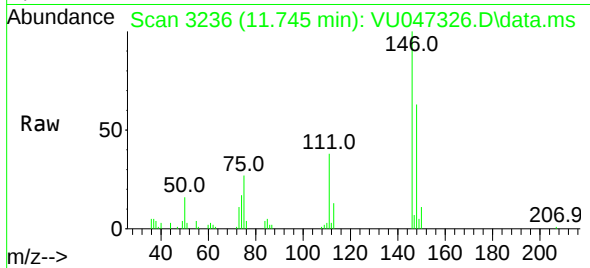




#64
1,3-Dichlorobenzene
Concen: 0.691 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047326.D
Acq: 04 Mar 2022 13:04

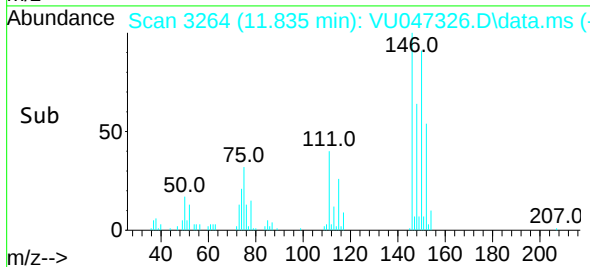
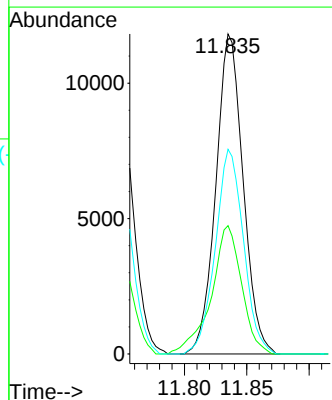
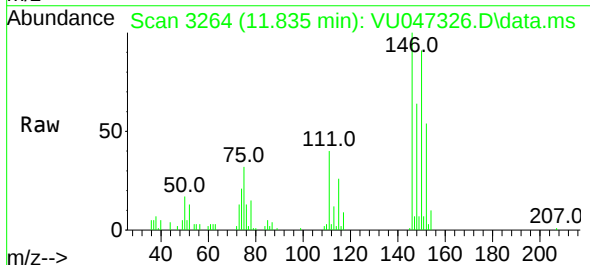
Instrument :
MSVOA_U
ClientSampleId :
VSTD001008

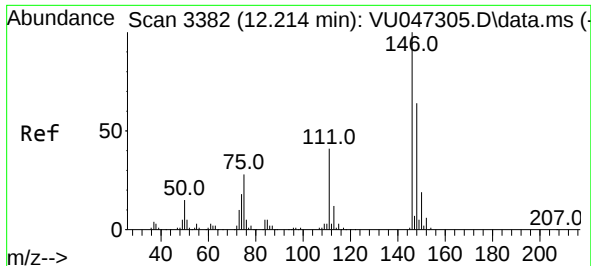
Tgt Ion:146 Resp: 17515
Ion Ratio Lower Upper
146 100
111 38.3 29.9 55.5
148 63.3 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 0.695 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU047326.D
Acq: 04 Mar 2022 13:04

Tgt Ion:146 Resp: 17997
Ion Ratio Lower Upper
146 100
111 40.1 28.7 53.3
148 63.9 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 0.707 ug/L

RT: 12.211 min Scan# 3382

Delta R.T. -0.000 min

Lab File: VU047326.D

Acq: 04 Mar 2022 13:04

Instrument :

MSVOA_U

ClientSampleId :

VSTD001008

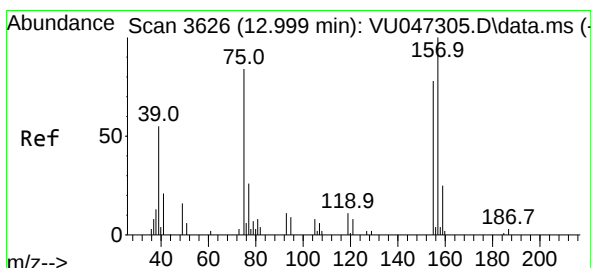
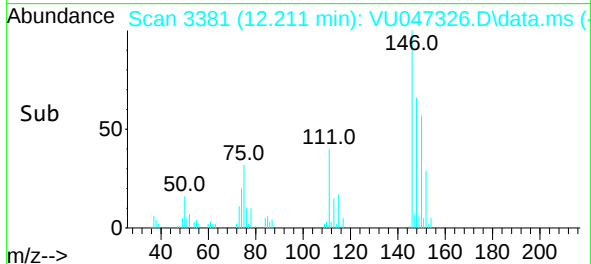
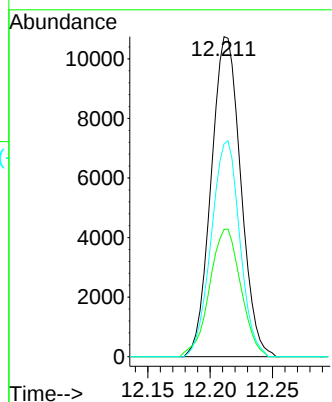
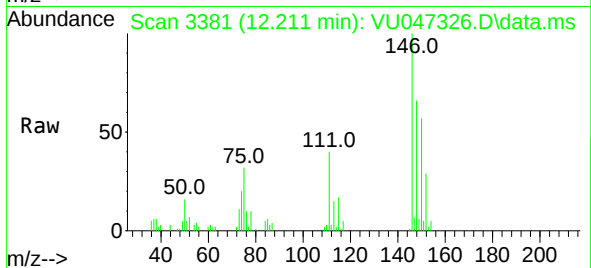
Tgt Ion:146 Resp: 17751

Ion Ratio Lower Upper

146 100

111 39.8 35.4 53.0

148 66.5 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 0.733 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU047326.D

Acq: 04 Mar 2022 13:04

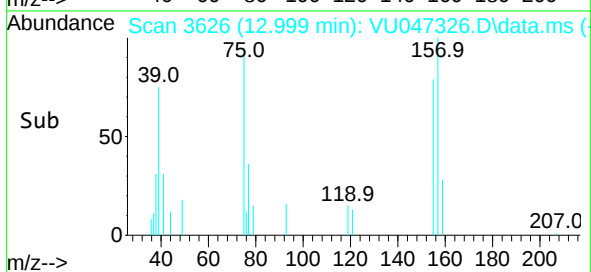
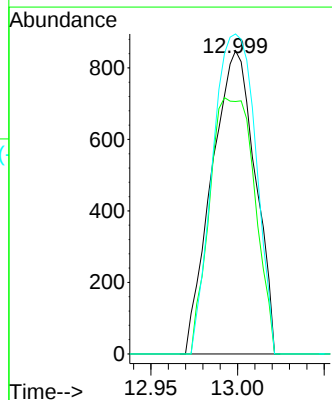
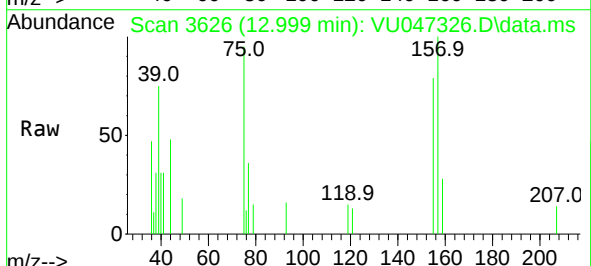
Tgt Ion: 75 Resp: 1479

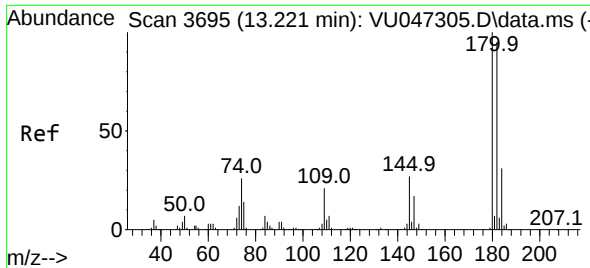
Ion Ratio Lower Upper

75 100

155 83.3 59.2 88.8

157 105.5 76.5 114.7

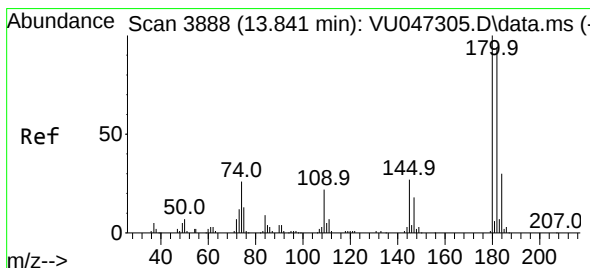
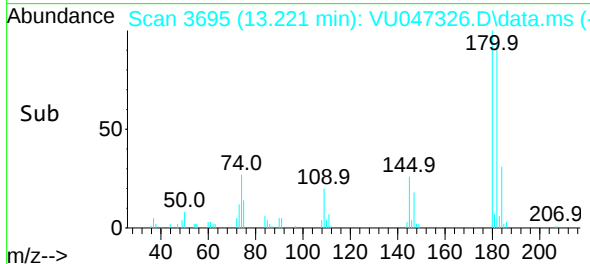
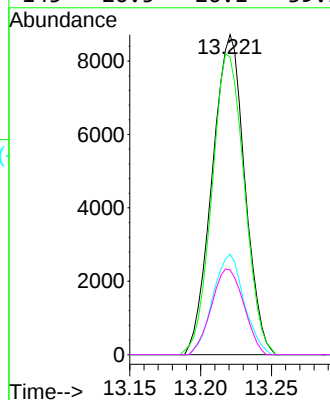
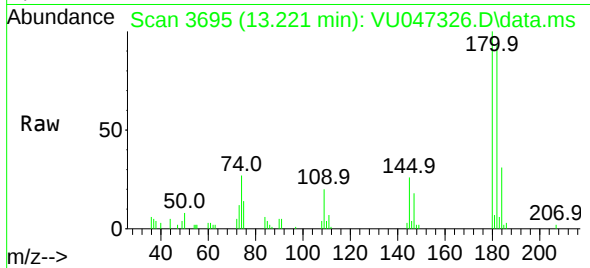




#69
 1,3,5-Trichlorobenzene
 Concen: 0.648 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU047326.D
 Acq: 04 Mar 2022 13:04

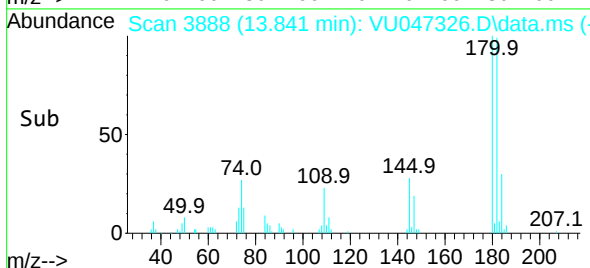
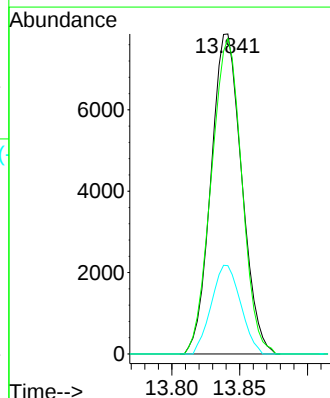
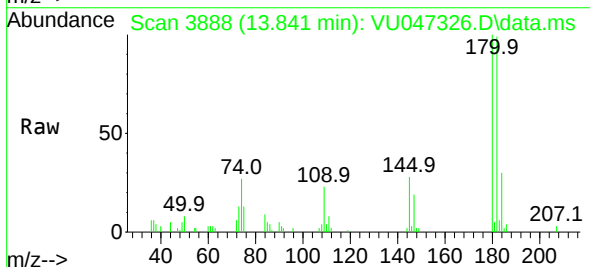
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001008

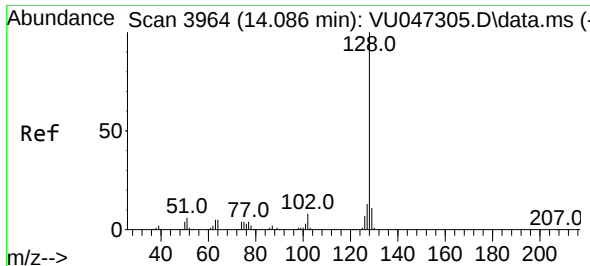
Tgt Ion:180	Resp:	13944
Ion Ratio	Lower	Upper
180	100	
182	93.4	76.1 114.1
184	29.9	25.0 37.4
145	26.5	26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 0.645 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU047326.D
 Acq: 04 Mar 2022 13:04

Tgt Ion:180	Resp:	12411
Ion Ratio	Lower	Upper
180	100	
182	97.4	76.4 114.6
145	26.3	25.6 38.4

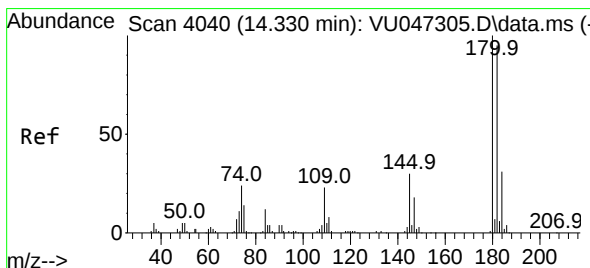
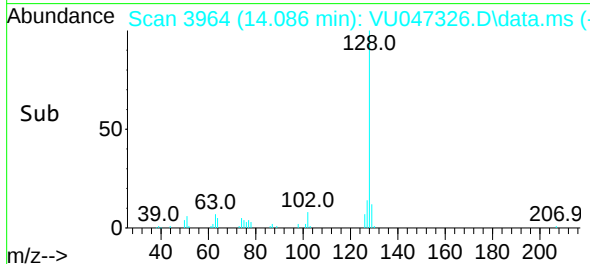
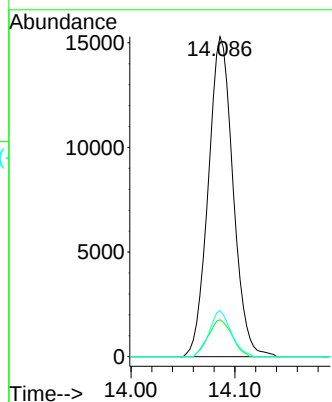
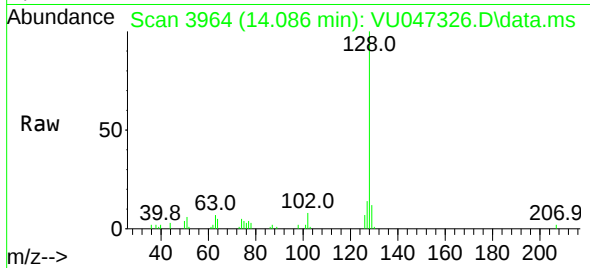




#71
Naphthalene
Concen: 0.659 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU047326.D
Acq: 04 Mar 2022 13:04

Instrument :
MSVOA_U
ClientSampleId :
VSTD001008

Tgt Ion:128 Resp: 25312
Ion Ratio Lower Upper
128 100
129 11.0 8.4 12.6
127 12.7 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 0.662 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047326.D
Acq: 04 Mar 2022 13:04

Tgt Ion:180 Resp: 11989
Ion Ratio Lower Upper
180 100
182 99.6 76.2 114.4
145 28.5 28.4 42.6

