

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
 Data File : VU047329.D
 Acq On : 04 Mar 2022 14:15
 Operator : SY/MD
 Sample : VSTD02011
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020011

Quant Time: Mar 04 14:48:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 14:46:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	189860	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	182934	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	109890	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	304273	23.332	ug/L	0.00
7) Chloroethane-d5	1.919	69	253506	23.367	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	65	132948	24.757	ug/L	0.00
20) 2-Butanone-d5	4.645	46	1020773	261.508	ug/L	0.00
24) Chloroform-d	5.067	84	568840	23.520	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	310434	22.822	ug/L	0.00
32) Benzene-d6	5.732	84	1169780	23.426	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	359314	22.840	ug/L	0.00
41) Toluene-d8	7.899	98	1115232	23.885	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	168607	24.813	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	966949	252.055	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	388264	24.657	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	489291	22.719	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	259211	22.393	ug/L	100
3) Chloromethane	1.523	50	252586	18.016	ug/L	100
5) Vinyl chloride	1.607	62	255650	19.730	ug/L	98
6) Bromomethane	1.864	94	134561	18.824	ug/L	99
8) Chloroethane	1.938	64	144722	19.245	ug/L	99
9) Trichlorofluoromethane	2.144	101	335025	21.811	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	204601	23.148	ug/L	92
12) 1,1-Dichloroethene	2.584	96	195639	20.803	ug/L	91
13) Acetone	2.665	43	279246	258.886	ug/L	100
14) Carbon disulfide	2.800	76	616939	20.144	ug/L	99
15) Methyl Acetate	2.964	43	72042	18.355	ug/L #	90
16) Methylene chloride	3.051	84	206720	18.008	ug/L	92
17) Methyl tert-butyl Ether	3.369	73	491751	18.745	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	204306	19.568	ug/L	93
19) 1,1-Dichloroethane	3.877	63	341802	19.739	ug/L	99
21) 2-Butanone	4.726	43	543878	182.629	ug/L	93
22) cis-1,2-Dichloroethene	4.671	96	225611	19.846	ug/L	96
23) Bromochloromethane	4.980	128	113195	20.147	ug/L #	85
25) Chloroform	5.092	83	368254	19.112	ug/L	98
27) 1,2-Dichloroethane	5.796	62	255665	20.001	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	320219	20.648	ug/L	98
30) Cyclohexane	5.395	56	327776	22.183	ug/L	96
31) Carbon tetrachloride	5.530	117	285127	21.467	ug/L	99
33) Benzene	5.777	78	829082	19.295	ug/L	100
34) Trichloroethene	6.546	95	223971	20.109	ug/L	92
35) Methylcyclohexane	6.767	83	378489	23.660	ug/L	94
37) 1,2-Dichloropropane	6.793	63	209491	19.600	ug/L	100
38) Bromodichloromethane	7.108	83	276134	19.798	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	345044	20.703	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	1603019	200.871	ug/L	97
42) Toluene	7.970	91	920197	19.736	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	314262	21.593	ug/L	99

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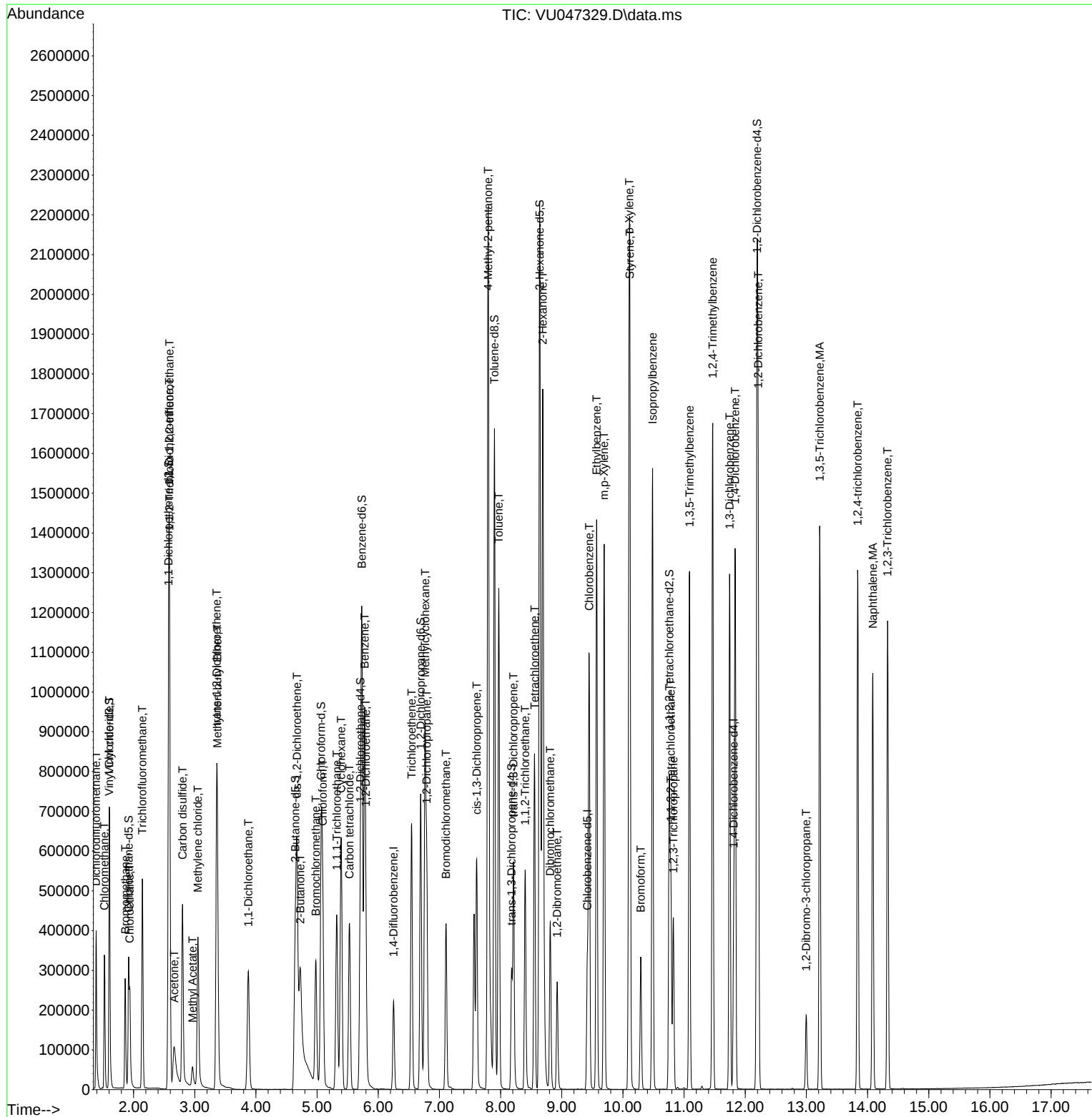
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	178832	19.447	ug/L	98
47) Tetrachloroethene	8.555	164	194147	20.731	ug/L	92
48) 2-Hexanone	8.690	43	1202784	203.943	ug/L	98
49) Dibromochloromethane	8.812	129	222166	21.153	ug/L	98
50) 1,2-Dibromoethane	8.925	107	186678	20.116	ug/L #	98
51) Chlorobenzene	9.449	112	613032	19.501	ug/L	95
52) Ethylbenzene	9.571	91	1017097	20.883	ug/L	99
53) m,p-Xylene	9.693	106	400053	20.530	ug/L	100
54) o-Xylene	10.102	106	394090	21.041	ug/L	99
55) Styrene	10.115	104	682866	21.794	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.783	83	258005	20.698	ug/L	96
59) Bromoform	10.291	173	152937	19.319	ug/L #	96
60) Isopropylbenzene	10.484	105	1038495	18.524	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	181003	18.345	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	708225	19.099	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	930926	19.376	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	546793	19.056	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	553292	18.855	ug/L	96
67) 1,2-Dichlorobenzene	12.211	146	529627	18.633	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	43834	19.189	ug/L #	75
69) 1,3,5-Trichlorobenzene	13.217	180	463522	19.034	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	417334	19.144	ug/L	98
71) Naphthalene	14.086	128	844186	19.393	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	388296	18.939	ug/L	97

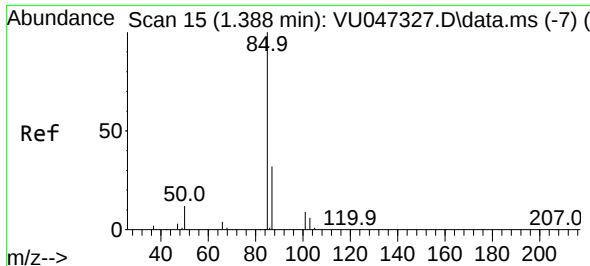
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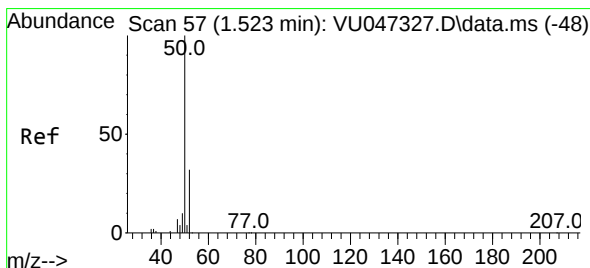
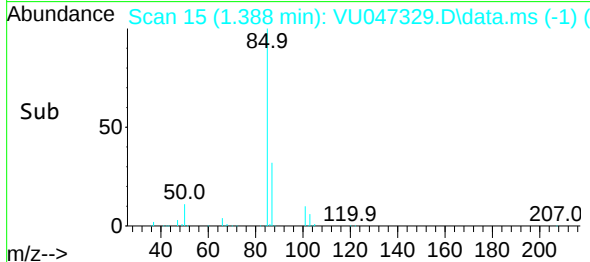
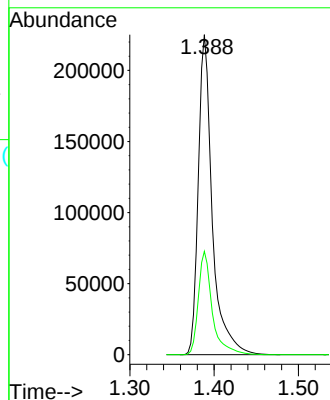
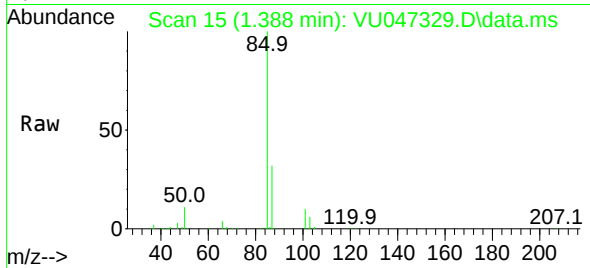




#2
Dichlorodifluoromethane
Concen: 22.393 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU047329.D
Acq: 04 Mar 2022 14:15

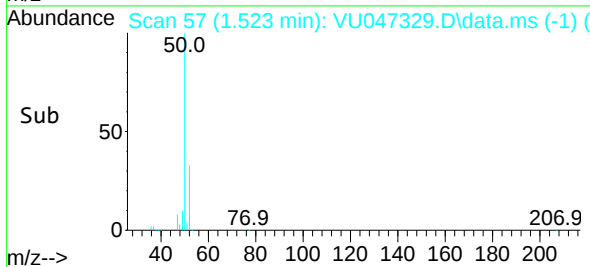
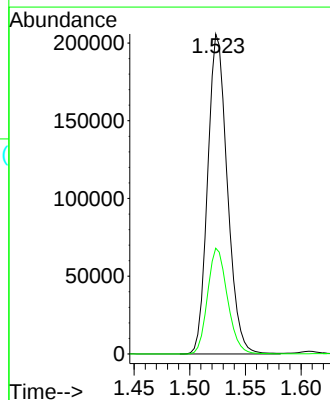
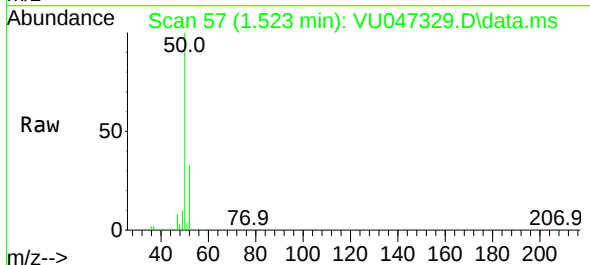
Instrument :
MSVOA_U
ClientSampleId :
VSTD020011

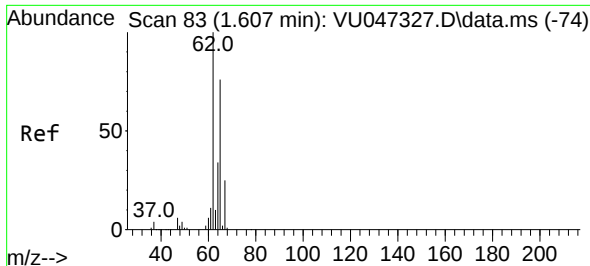
Tgt Ion: 85 Resp: 259211
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.6



#3
Chloromethane
Concen: 18.016 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU047329.D
Acq: 04 Mar 2022 14:15

Tgt Ion: 50 Resp: 252586
Ion Ratio Lower Upper
50 100
52 33.1 23.0 42.8

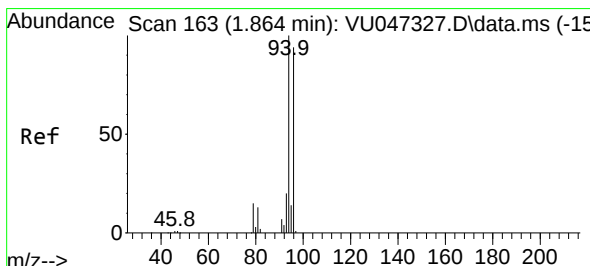
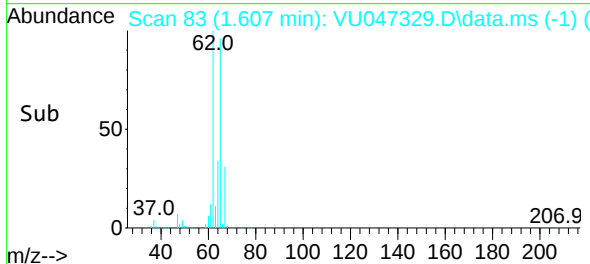
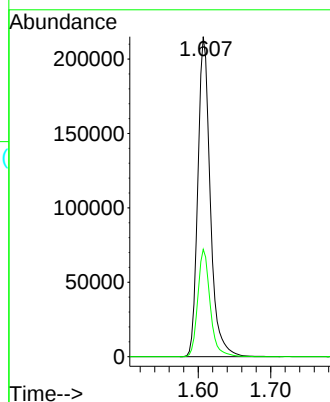
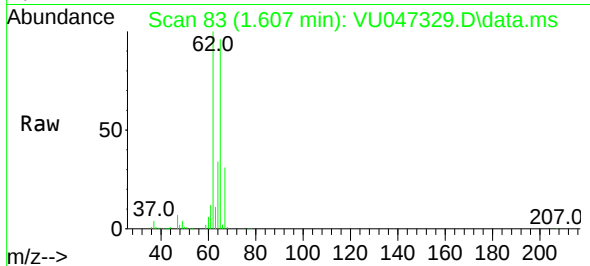




#5
 Vinyl chloride
 Concen: 19.730 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047329.D
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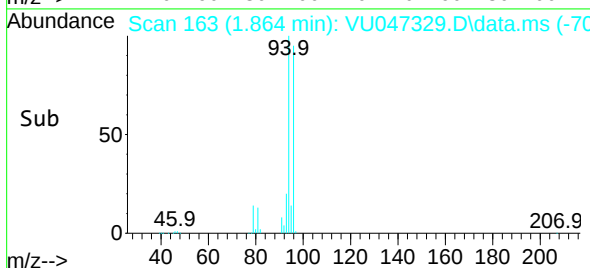
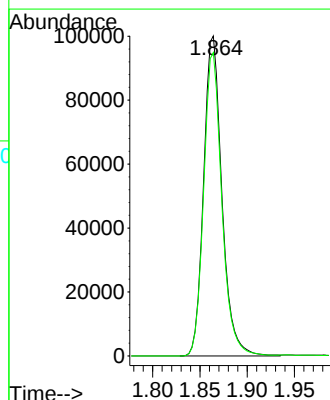
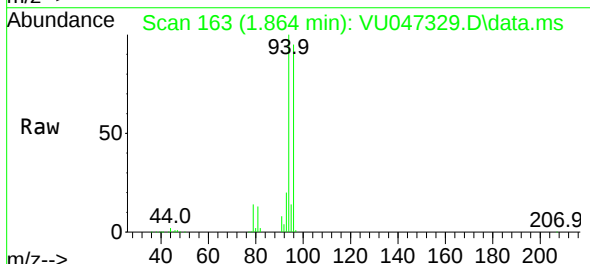
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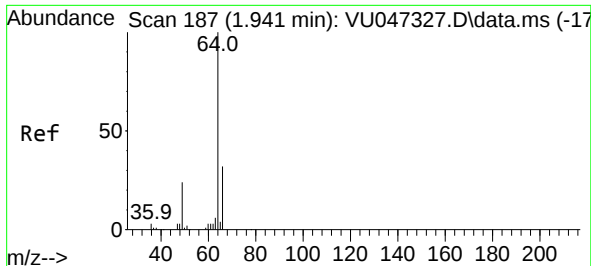
Tgt Ion: 62 Resp: 255650
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.9 42.5



#6
 Bromomethane
 Concen: 18.824 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU047329.D
 Acq: 04 Mar 2022 14:15

Tgt Ion: 94 Resp: 134561
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.5 121.6

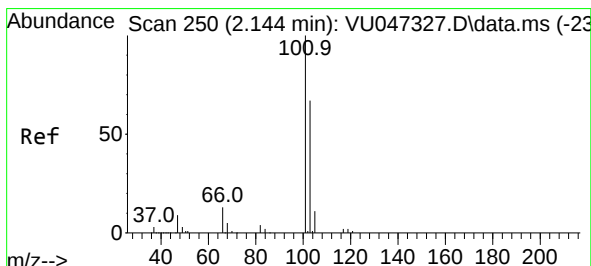
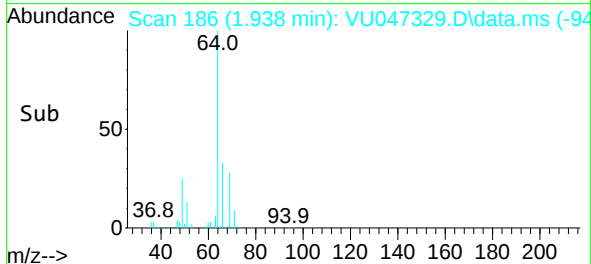
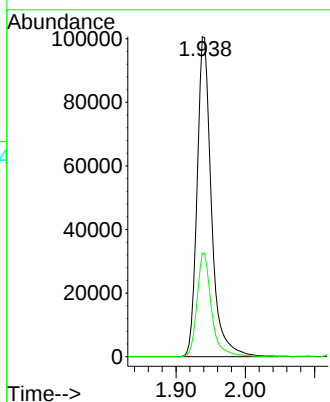
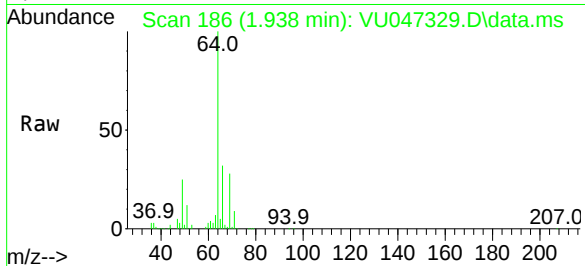




#8
Chloroethane
Concen: 19.245 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047329.D
Acq: 04 Mar 2022 14:15

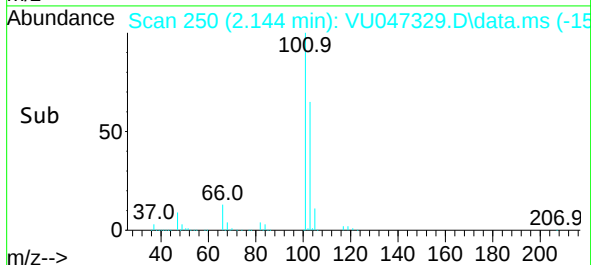
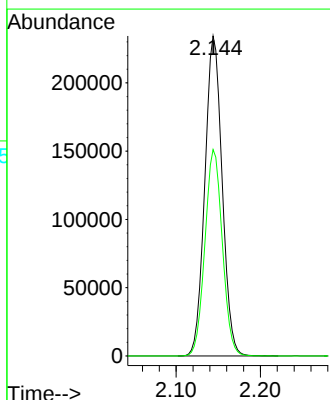
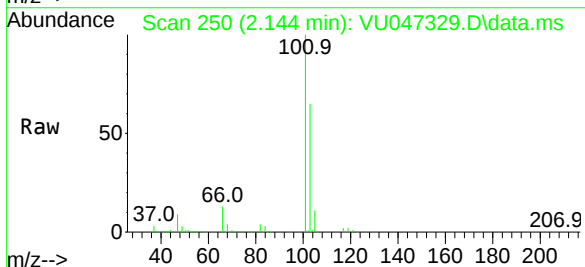
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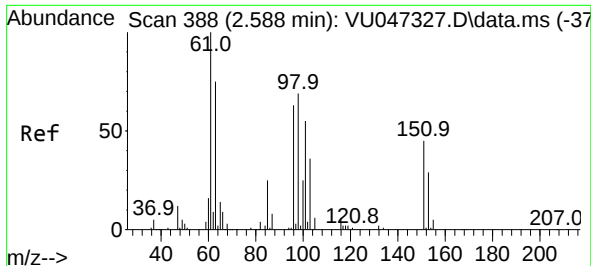
Tgt Ion: 64 Resp: 144722
Ion Ratio Lower Upper
64 100
66 32.4 22.1 41.1



#9
Trichlorofluoromethane
Concen: 21.811 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU047329.D
Acq: 04 Mar 2022 14:15

Tgt Ion:101 Resp: 335025
Ion Ratio Lower Upper
101 100
103 64.9 51.5 77.3

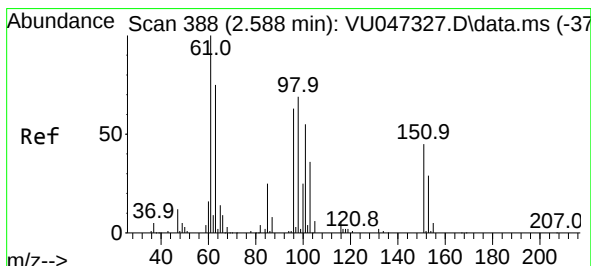
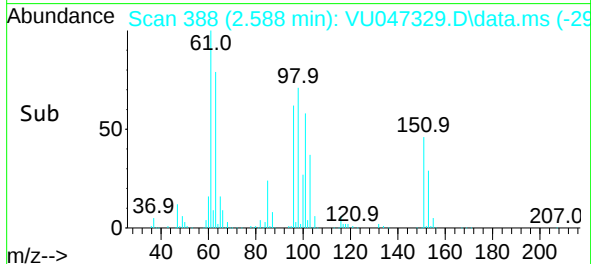
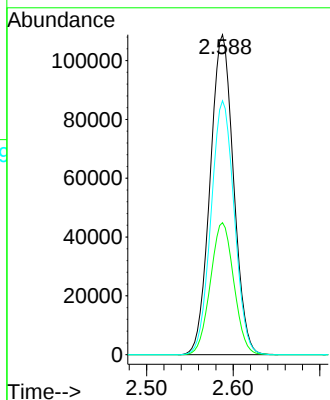
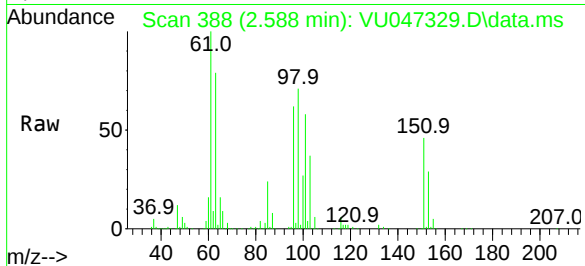




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.148 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047329.D
 Acq: 04 Mar 2022 14:15

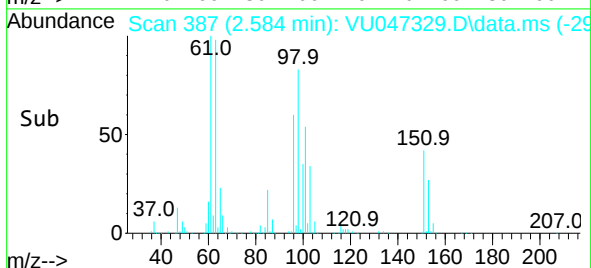
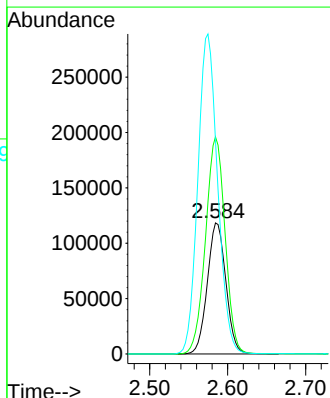
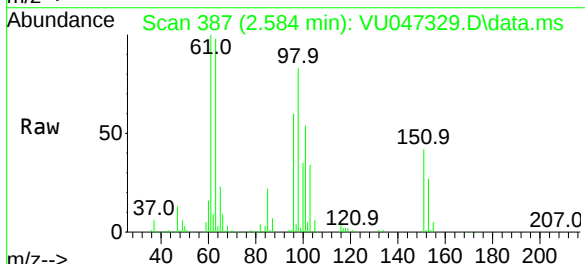
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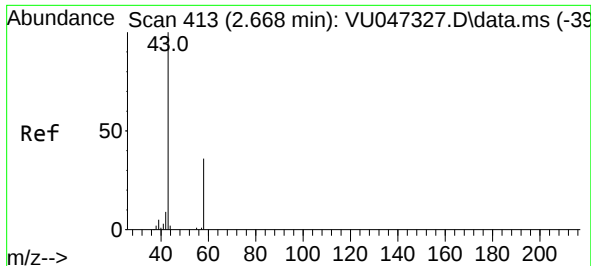
Tgt Ion:101 Resp: 204601
 Ion Ratio Lower Upper
 101 100
 85 41.2 34.6 51.8
 151 78.9 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 20.803 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU047329.D
 Acq: 04 Mar 2022 14:15

Tgt Ion: 96 Resp: 195639
 Ion Ratio Lower Upper
 96 100
 61 165.6 124.7 231.5
 63 162.7 105.2 195.4





#13

Acetone

Concen: 258.886 ug/L

RT: 2.665 min Scan# 413

Delta R.T. -0.003 min

Lab File: VU047329.D

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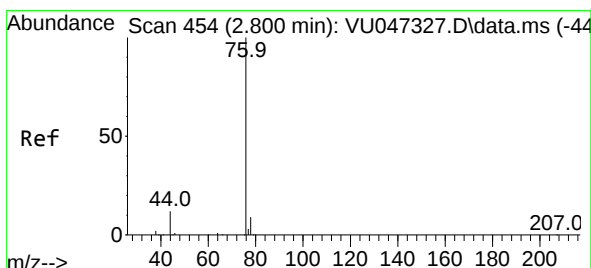
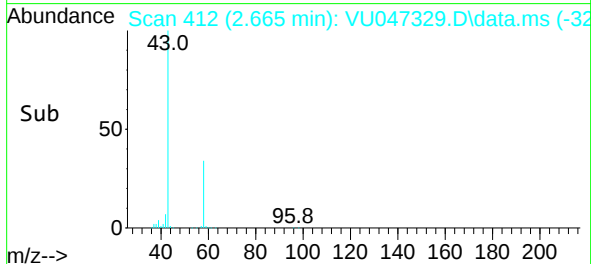
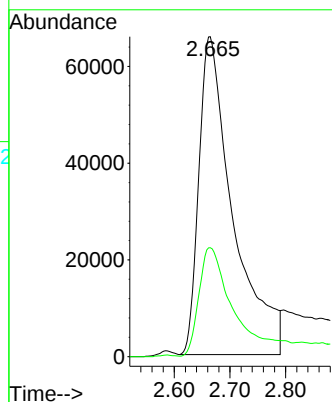
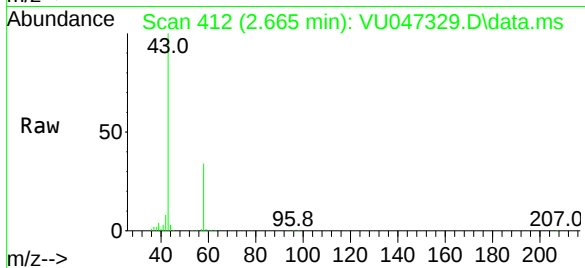
VSTD020011

Tgt Ion: 43 Resp: 279246

Ion Ratio Lower Upper

43 100

58 35.9 0.0 71.6



#14

Carbon disulfide

Concen: 20.144 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU047329.D

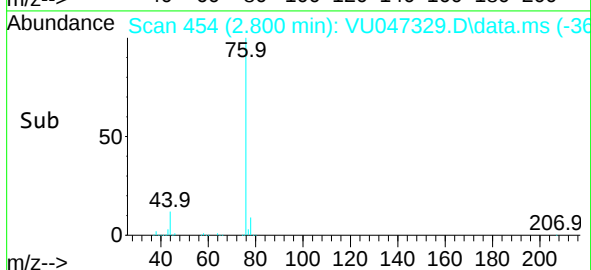
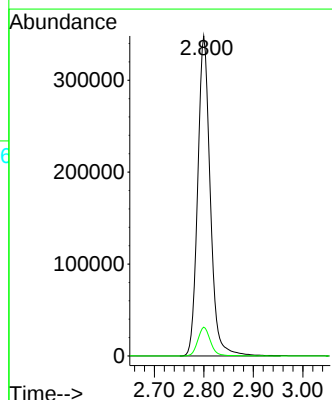
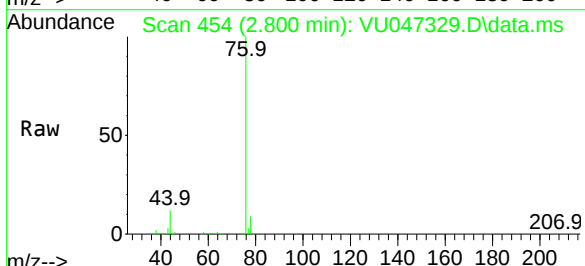
Acq: 04 Mar 2022 14:15

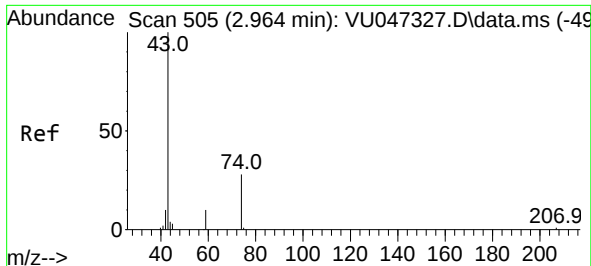
Tgt Ion: 76 Resp: 616939

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3

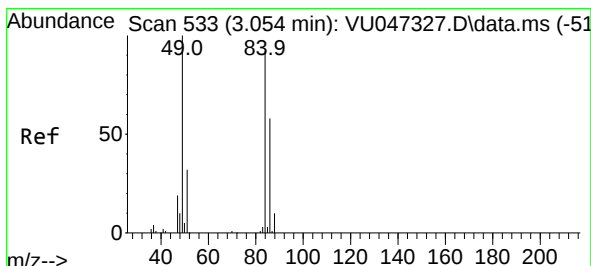
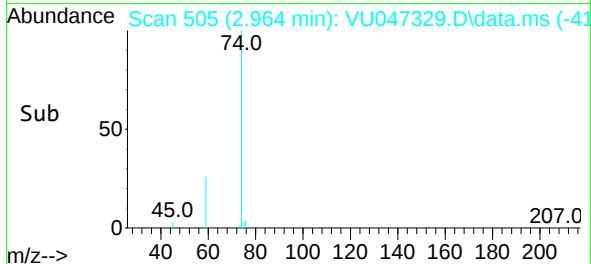
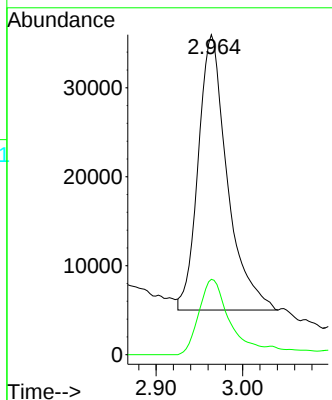
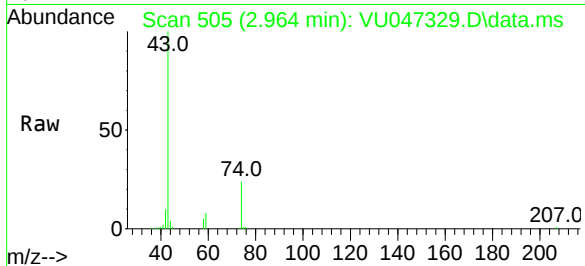




#15
Methyl Acetate
Concen: 18.355 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.000 min
Lab File: VU047329.D
Acq: 04 Mar 2022 14:15

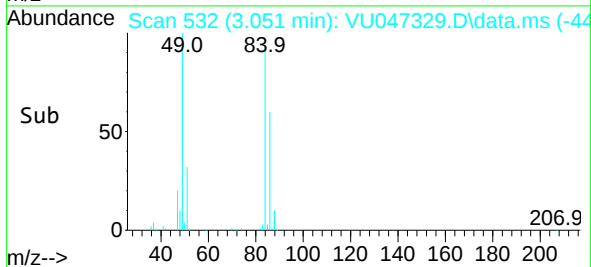
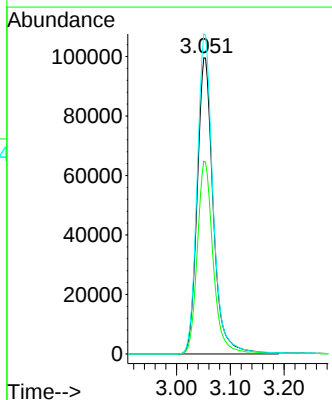
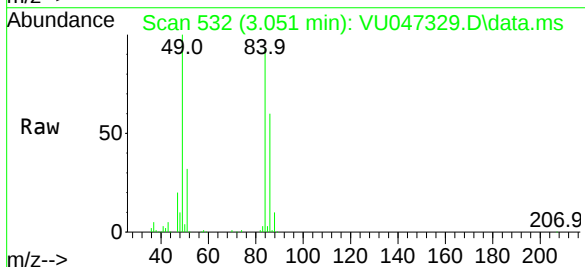
Instrument :
MSVOA_U
ClientSampleId :
VSTD020011

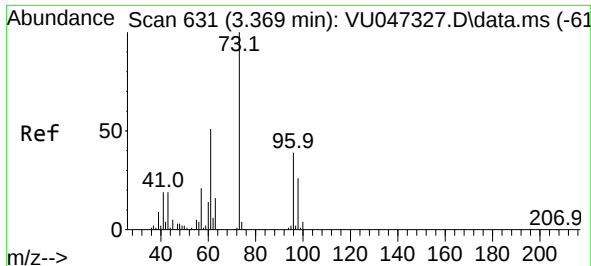
Tgt Ion: 43 Resp: 72042
Ion Ratio Lower Upper
43 100
74 28.8 19.1 28.7#



#16
Methylene chloride
Concen: 18.008 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU047329.D
Acq: 04 Mar 2022 14:15

Tgt Ion: 84 Resp: 206720
Ion Ratio Lower Upper
84 100
86 65.0 45.8 85.0
49 108.0 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 18.745 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU047329.D

Acq: 04 Mar 2022 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD020011

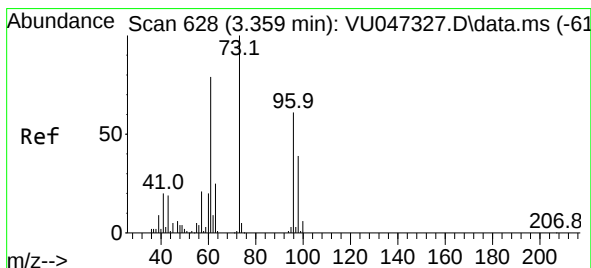
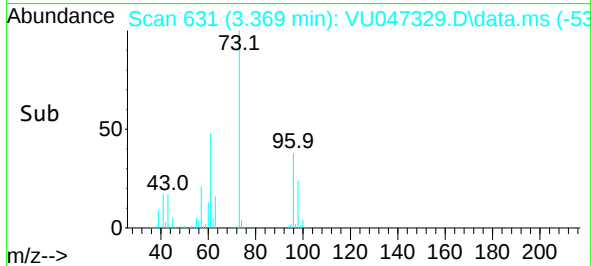
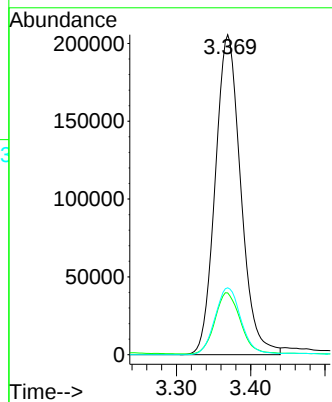
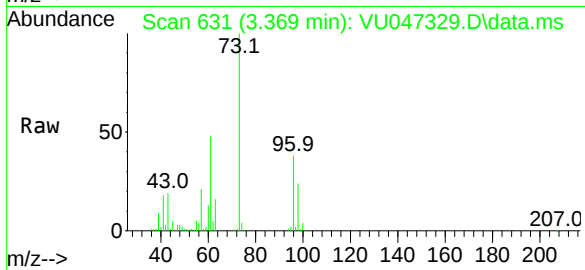
Tgt Ion: 73 Resp: 491751

Ion Ratio Lower Upper

73 100

43 19.3 14.8 22.2

57 21.4 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 19.568 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU047329.D

Acq: 04 Mar 2022 14:15

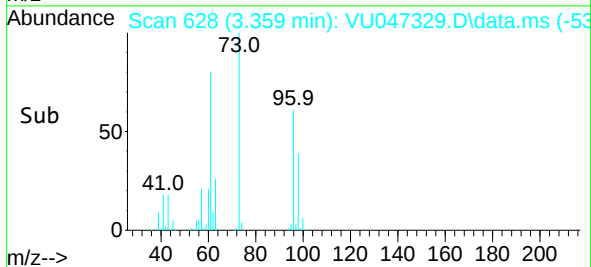
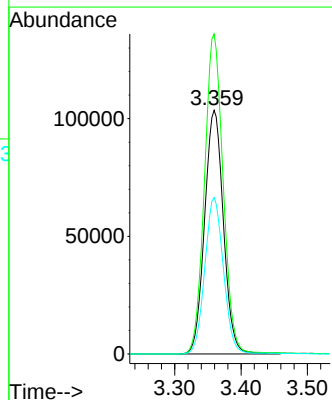
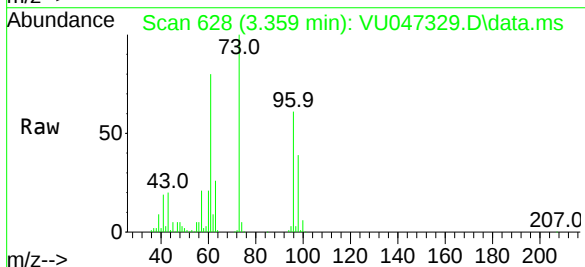
Tgt Ion: 96 Resp: 204306

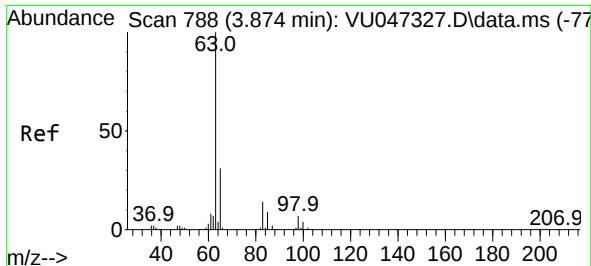
Ion Ratio Lower Upper

96 100

61 131.4 100.8 187.2

98 64.2 45.1 83.7





#19

1,1-Dichloroethane

Concen: 19.739 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.003 min

Lab File: VU047329.D

Acq: 04 Mar 2022 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD020011

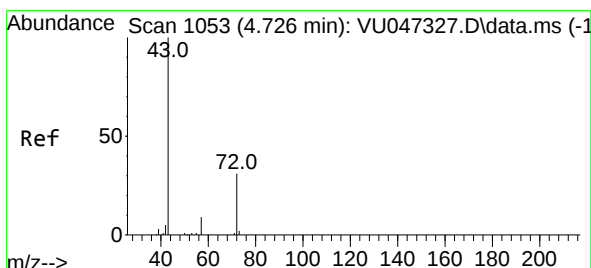
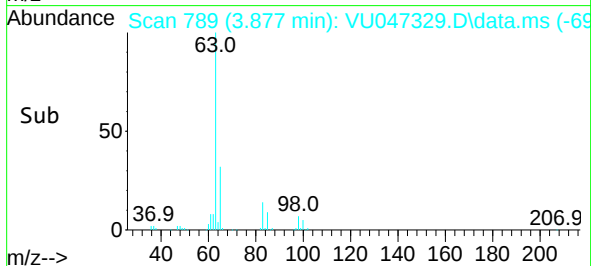
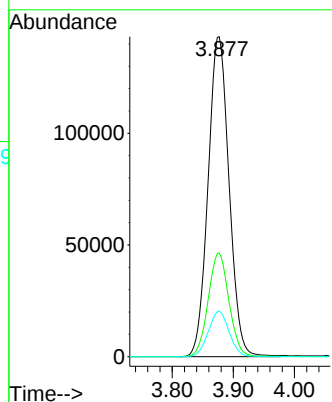
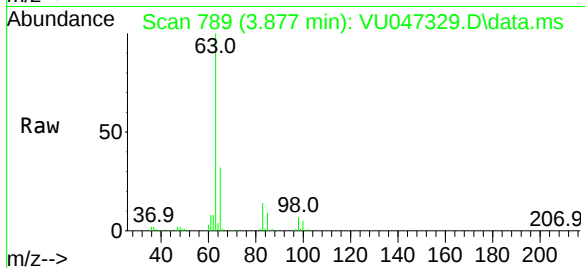
Tgt Ion: 63 Resp: 341802

Ion Ratio Lower Upper

63 100

65 32.5 22.3 41.5

83 14.2 9.6 17.8



#21

2-Butanone

Concen: 182.629 ug/L

RT: 4.726 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VU047329.D

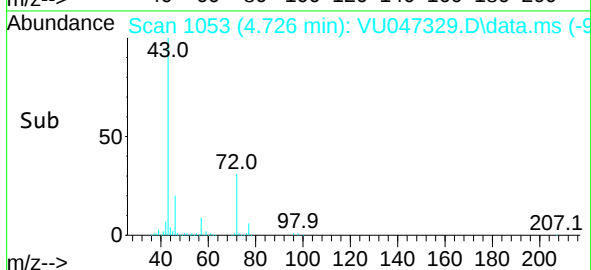
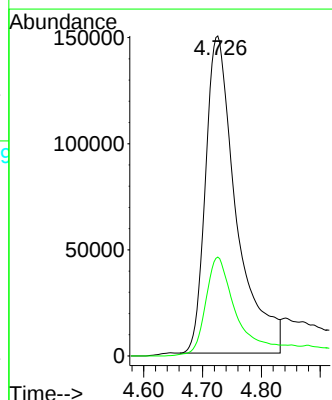
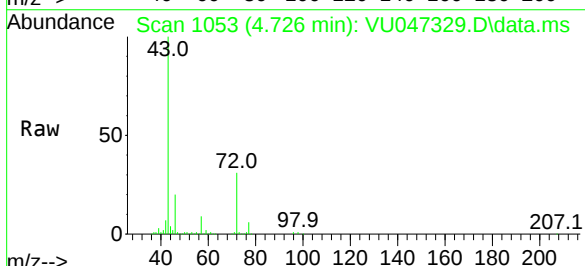
Acq: 04 Mar 2022 14:15

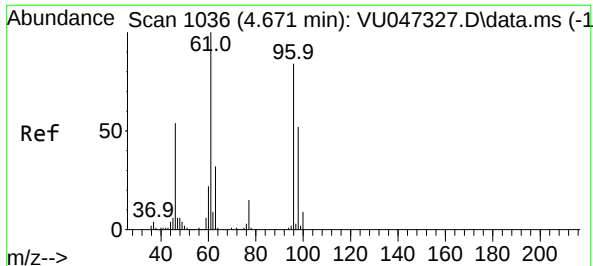
Tgt Ion: 43 Resp: 543878

Ion Ratio Lower Upper

43 100

72 32.1 14.1 42.3





#22

cis-1,2-Dichloroethene

Concen: 19.846 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047329.D

Acq: 04 Mar 2022 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD020011

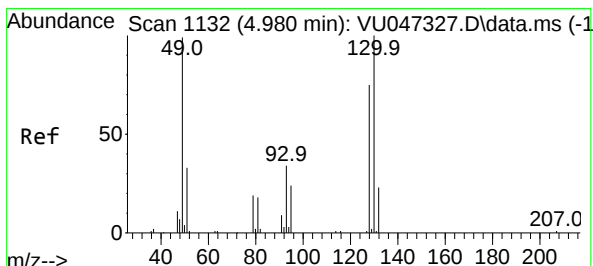
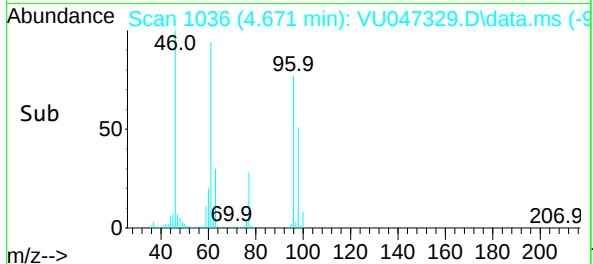
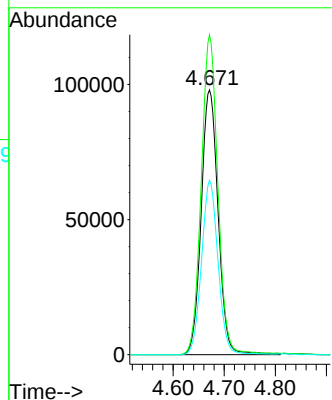
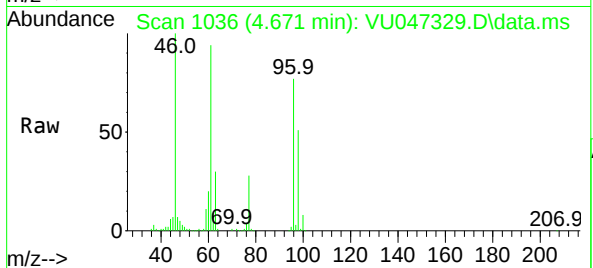
Tgt Ion: 96 Resp: 225611

Ion Ratio Lower Upper

96 100

61 120.8 88.5 164.3

98 65.9 44.4 82.5



#23

Bromochloromethane

Concen: 20.147 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU047329.D

Acq: 04 Mar 2022 14:15

Tgt Ion: 128 Resp: 113195

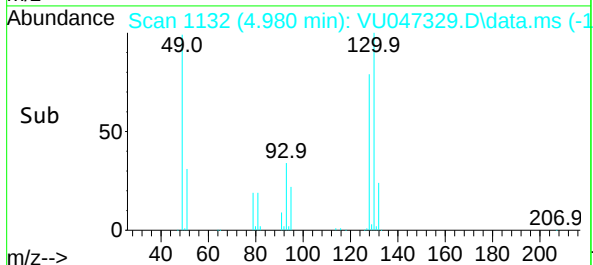
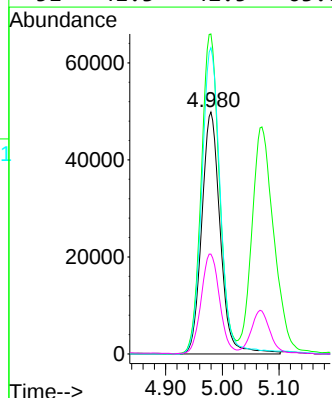
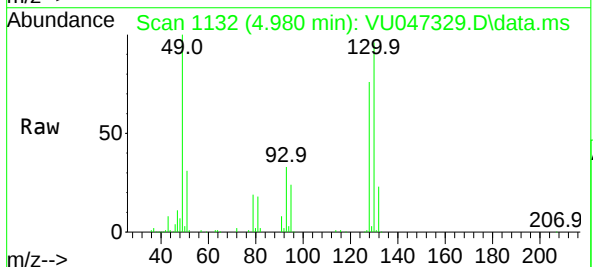
Ion Ratio Lower Upper

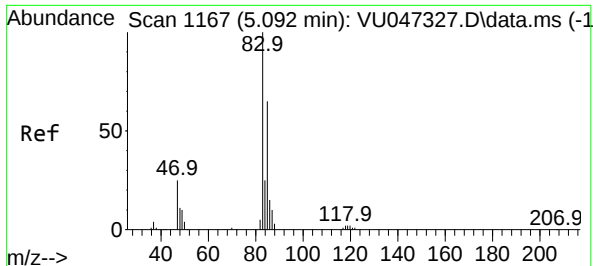
128 100

49 132.3 117.0 217.2

130 126.6 88.2 163.8

51 41.3 42.5 63.7#





#25

Chloroform

Concen: 19.112 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047329.D

Acq: 04 Mar 2022 14:15

Instrument :

MSVOA_U

ClientSampleId :

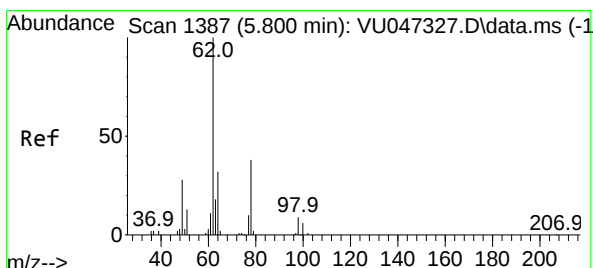
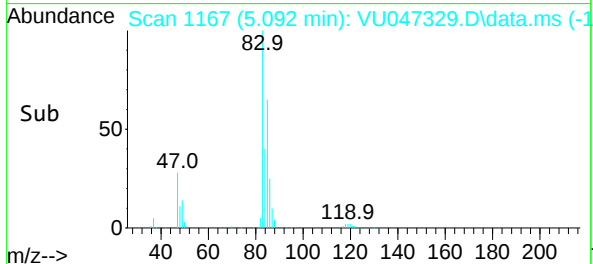
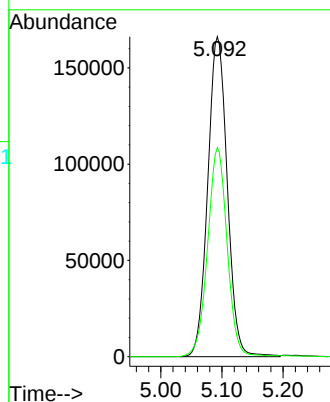
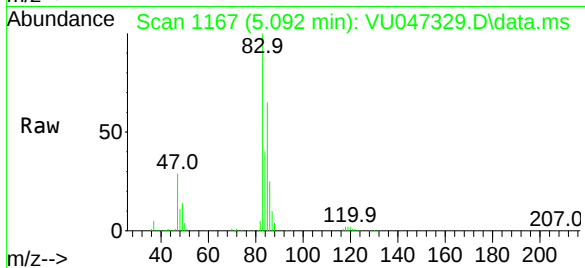
VSTD020011

Tgt Ion: 83 Resp: 368254

Ion Ratio Lower Upper

83 100

85 65.3 46.9 87.1



#27

1,2-Dichloroethane

Concen: 20.001 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU047329.D

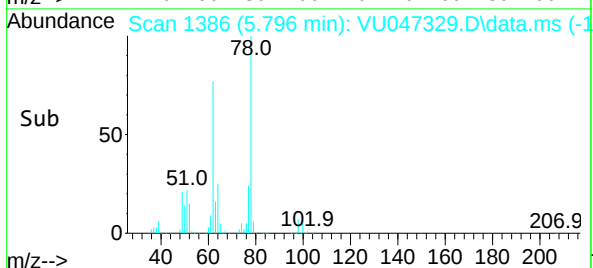
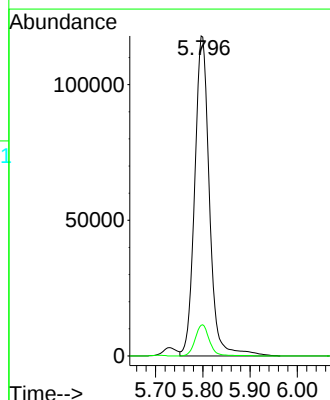
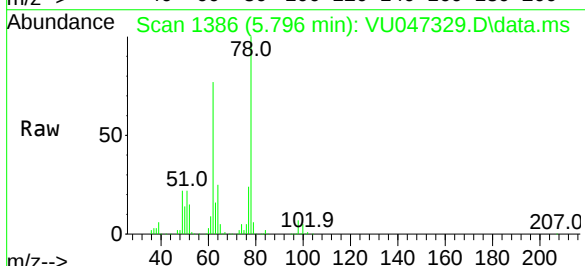
Acq: 04 Mar 2022 14:15

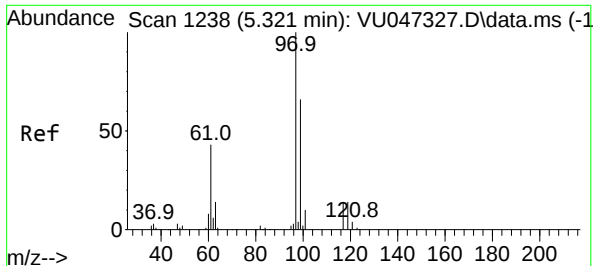
Tgt Ion: 62 Resp: 255665

Ion Ratio Lower Upper

62 100

98 9.6 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 20.648 ug/L

RT: 5.321 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU047329.D

Acq: 04 Mar 2022 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD020011

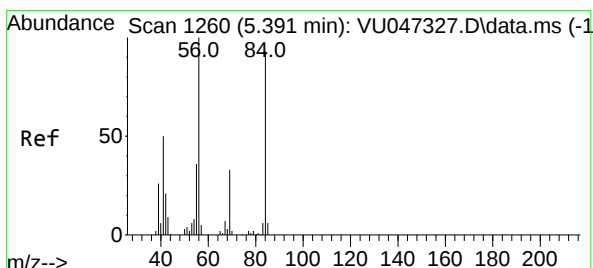
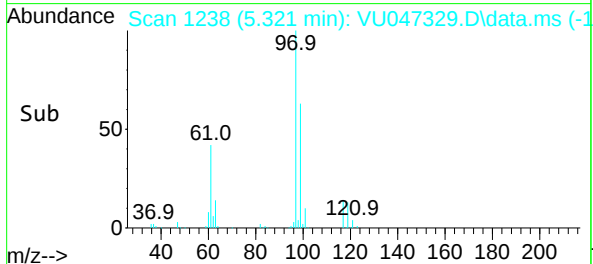
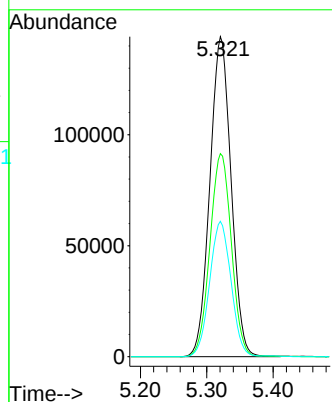
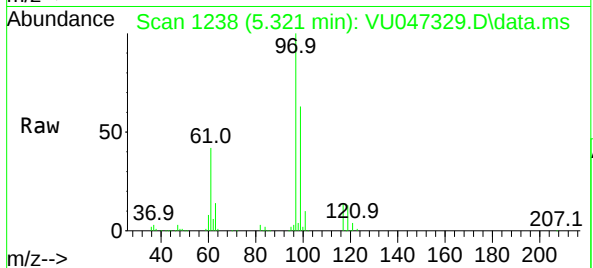
Tgt Ion: 97 Resp: 320219

Ion Ratio Lower Upper

97 100

99 64.4 51.3 76.9

61 42.6 36.1 54.1



#30

Cyclohexane

Concen: 22.183 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.003 min

Lab File: VU047329.D

Acq: 04 Mar 2022 14:15

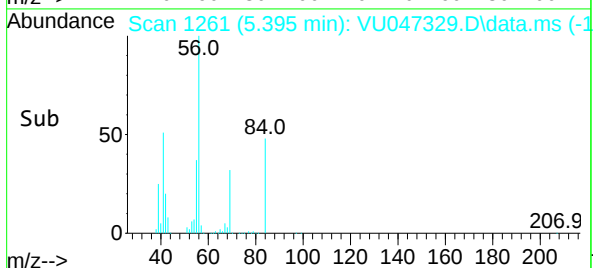
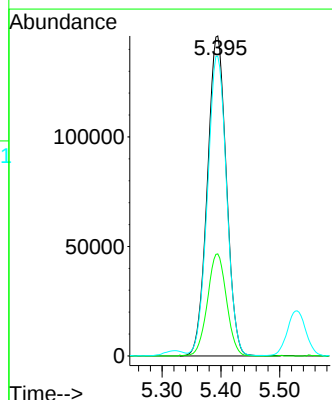
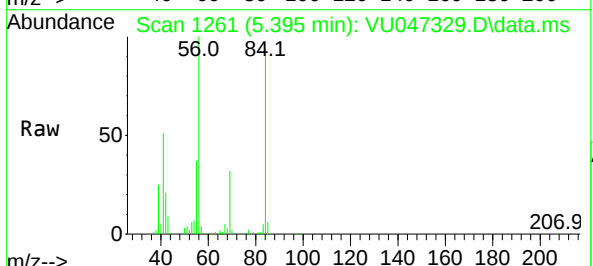
Tgt Ion: 56 Resp: 327776

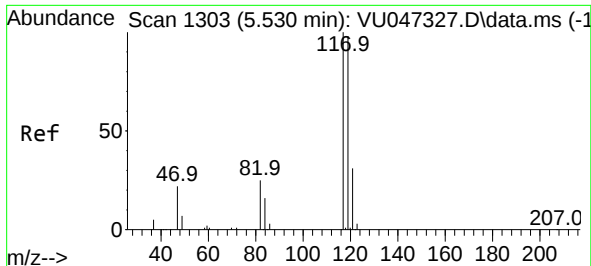
Ion Ratio Lower Upper

56 100

69 32.1 24.7 37.1

84 94.5 71.8 107.6

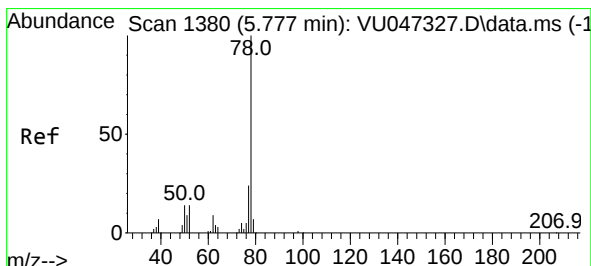
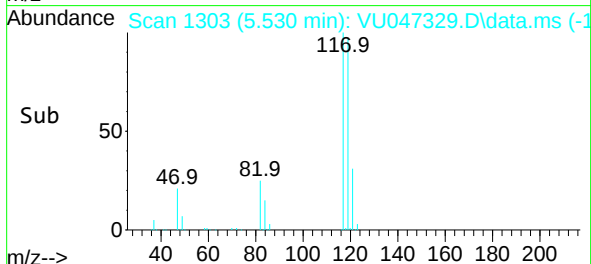
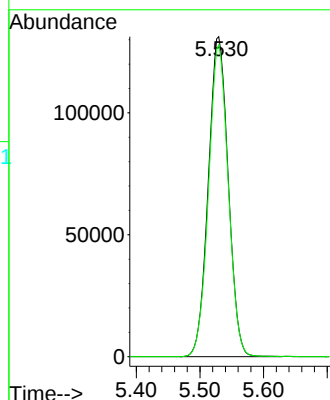
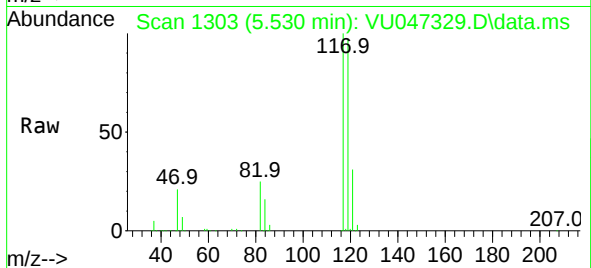




#31
Carbon tetrachloride
Concen: 21.467 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU047329.D
Acq: 04 Mar 2022 14:15

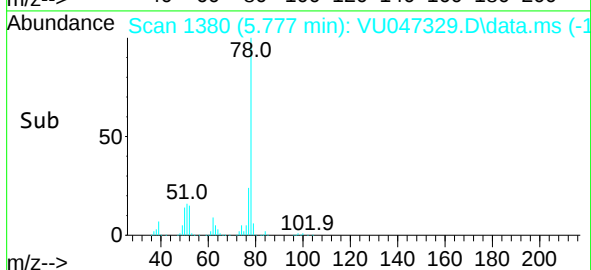
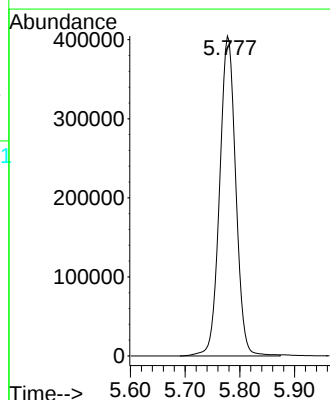
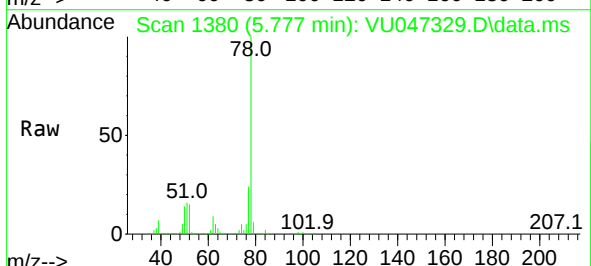
Instrument :
MSVOA_U
ClientSampleId :
VSTD020011

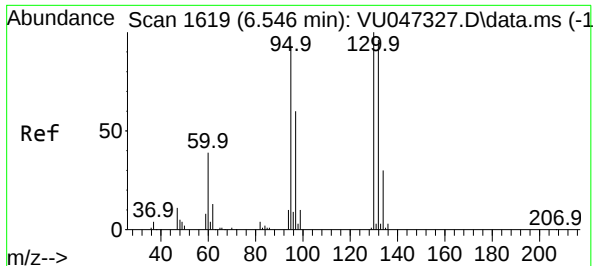
Tgt Ion:117 Resp: 285127
Ion Ratio Lower Upper
117 100
119 96.3 77.5 116.3



#33
Benzene
Concen: 19.295 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047329.D
Acq: 04 Mar 2022 14:15

Tgt Ion: 78 Resp: 829082

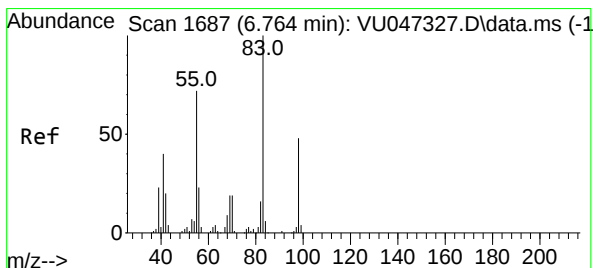
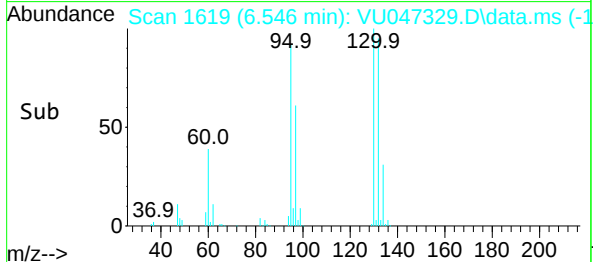
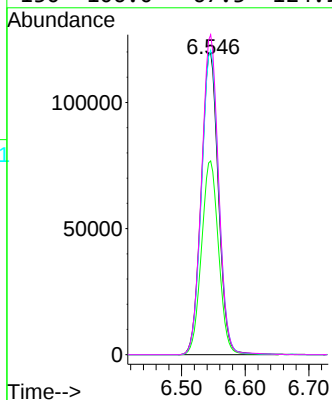
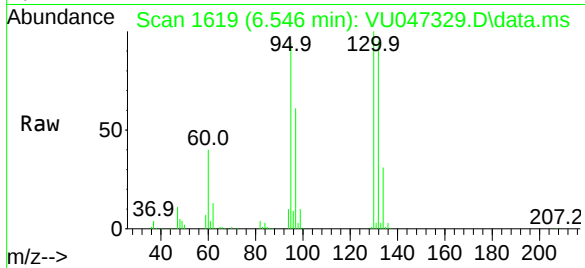




#34
Trichloroethene
Concen: 20.109 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047329.D
Acq: 04 Mar 2022 14:15

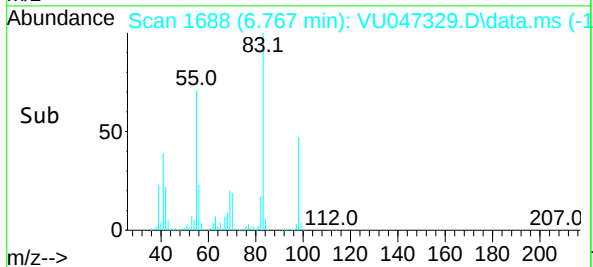
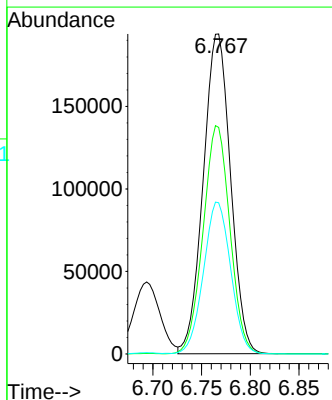
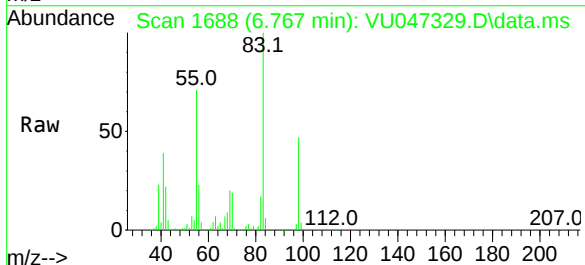
Instrument :
MSVOA_U
ClientSampleId :
VSTD020011

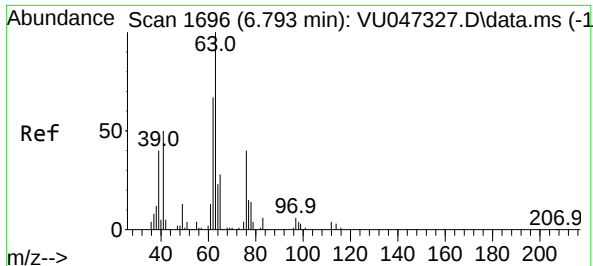
Tgt Ion: 95 Resp: 223971
Ion Ratio Lower Upper
95 100
97 64.2 46.5 86.5
132 100.8 65.1 120.9
130 106.0 67.3 124.9



#35
Methylcyclohexane
Concen: 23.660 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VU047329.D
Acq: 04 Mar 2022 14:15

Tgt Ion: 83 Resp: 378489
Ion Ratio Lower Upper
83 100
55 69.9 61.9 92.9
98 47.3 39.0 58.6





#37

1,2-Dichloropropane

Concen: 19.600 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047329.D

Acq: 04 Mar 2022 14:15

Instrument :

MSVOA_U

ClientSampleId :

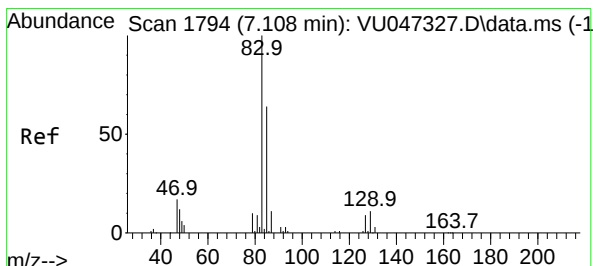
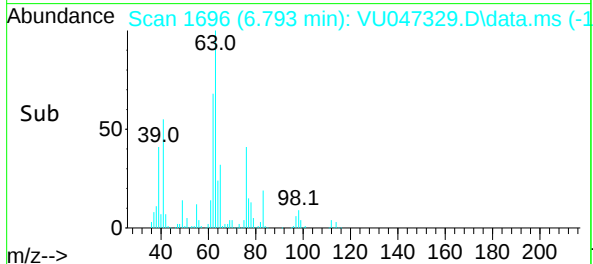
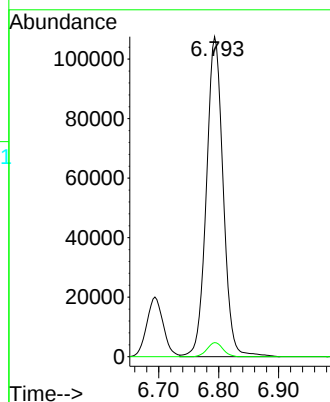
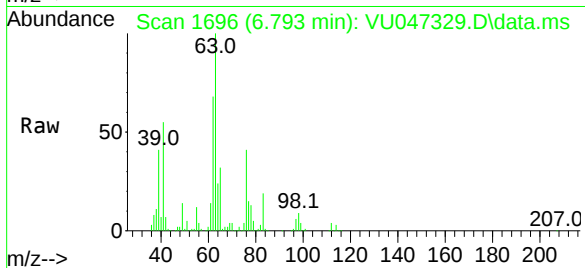
VSTD020011

Tgt Ion: 63 Resp: 209491

Ion Ratio Lower Upper

63 100

112 4.1 3.2 4.8



#38

Bromodichloromethane

Concen: 19.798 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU047329.D

Acq: 04 Mar 2022 14:15

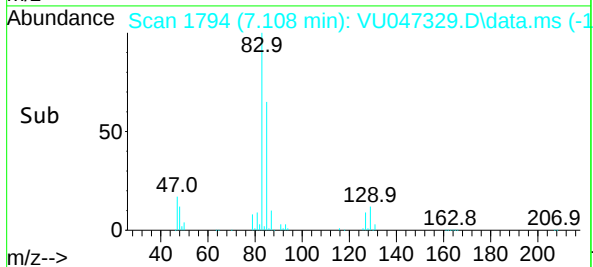
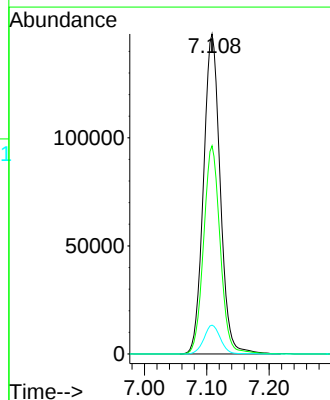
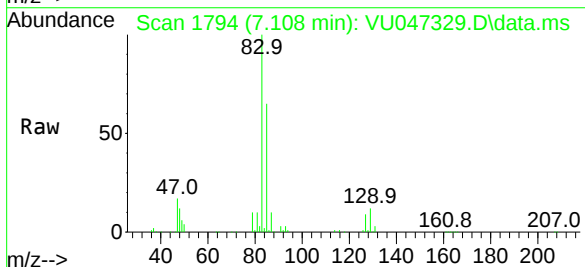
Tgt Ion: 83 Resp: 276134

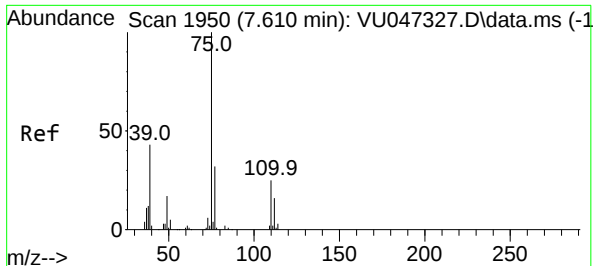
Ion Ratio Lower Upper

83 100

85 65.1 44.0 81.8

127 9.0 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 20.703 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047329.D

Acq: 04 Mar 2022 14:15

Instrument :

MSVOA_U

ClientSampleId :

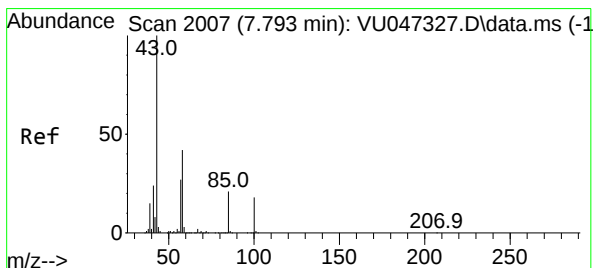
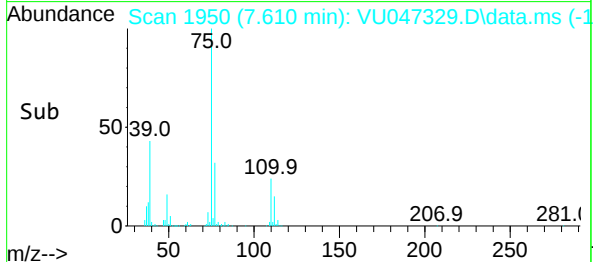
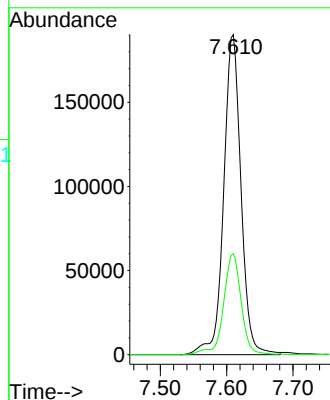
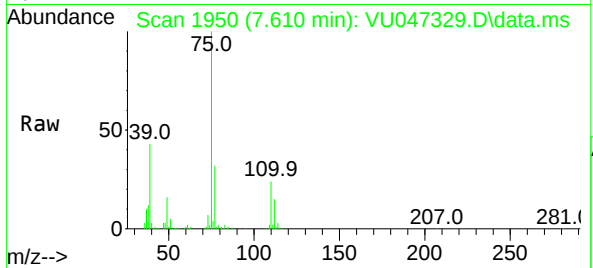
VSTD020011

Tgt Ion: 75 Resp: 345044

Ion Ratio Lower Upper

75 100

77 31.6 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 200.871 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU047329.D

Acq: 04 Mar 2022 14:15

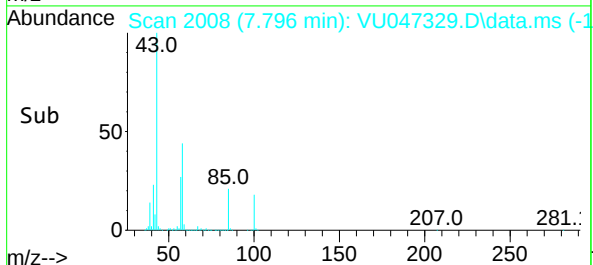
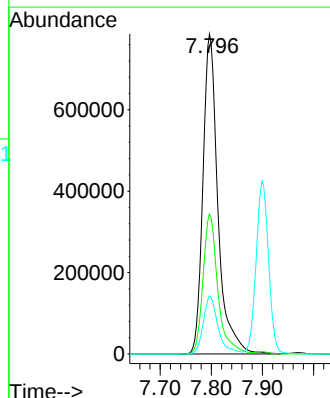
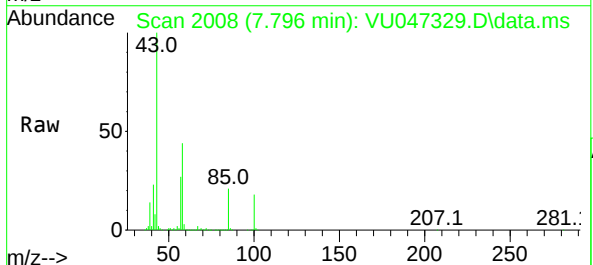
Tgt Ion: 43 Resp: 1603019

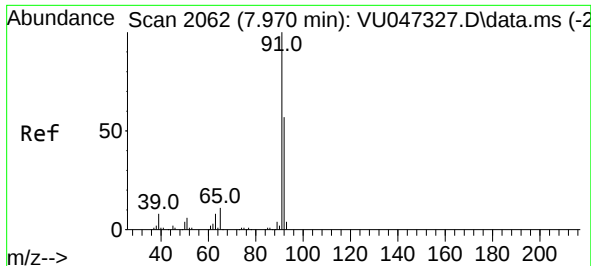
Ion Ratio Lower Upper

43 100

58 43.3 33.1 49.7

100 17.9 13.2 19.8





#42

Toluene

Concen: 19.736 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU047329.D

Acq: 04 Mar 2022 14:15

Instrument :

MSVOA_U

ClientSampleId :

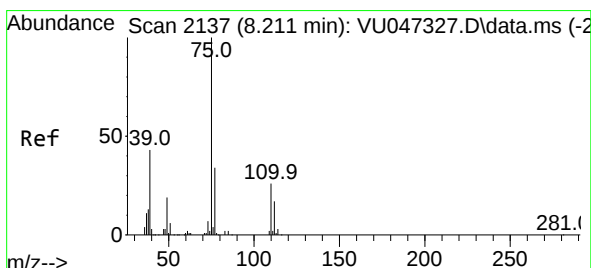
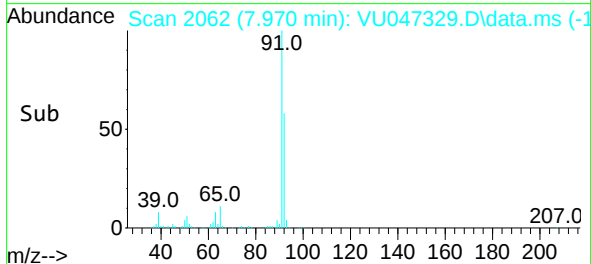
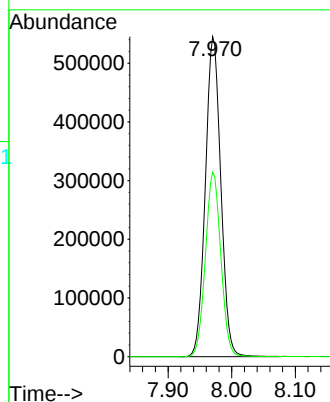
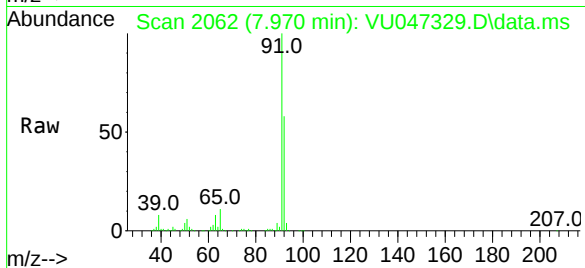
VSTD020011

Tgt Ion: 91 Resp: 920197

Ion Ratio Lower Upper

91 100

92 57.7 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 21.593 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU047329.D

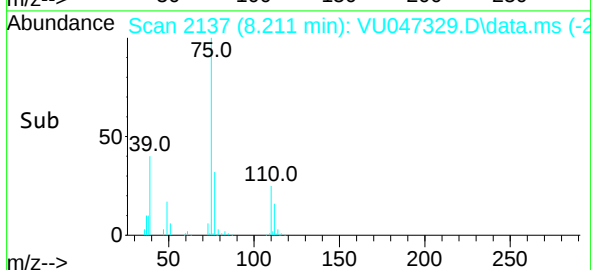
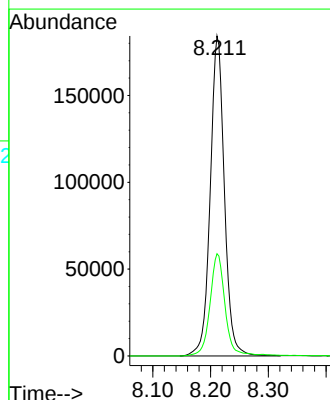
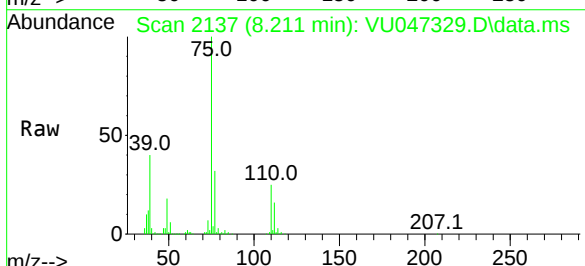
Acq: 04 Mar 2022 14:15

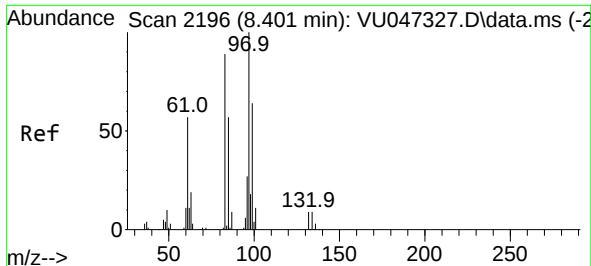
Tgt Ion: 75 Resp: 314262

Ion Ratio Lower Upper

75 100

77 32.0 22.7 42.3



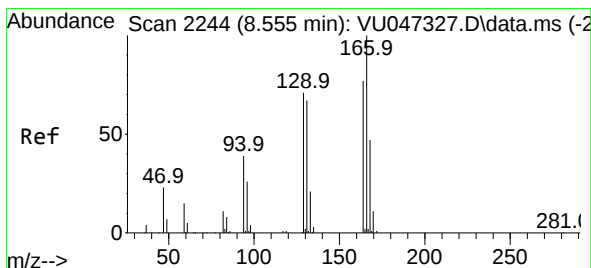
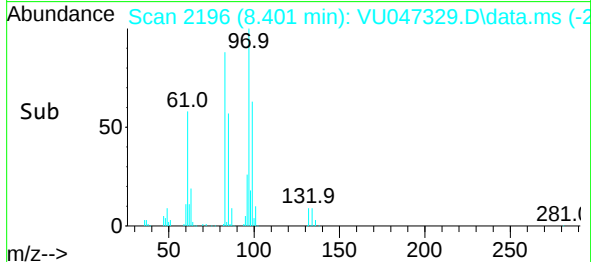
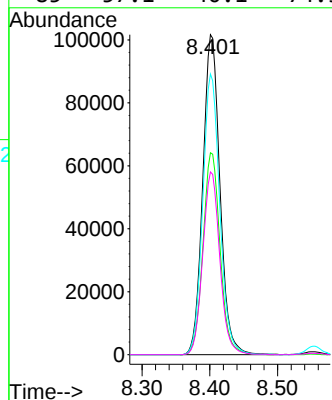
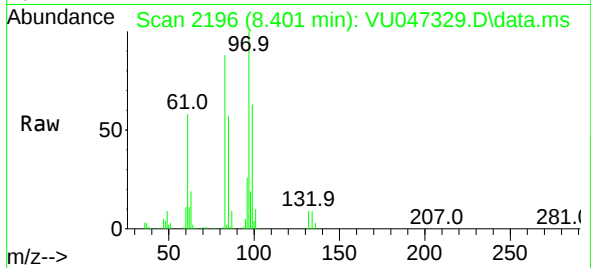


#45
1,1,2-Trichloroethane
Concen: 19.447 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU047329.D
Acq: 04 Mar 2022 14:15

Instrument :
MSVOA_U
ClientSampleId :
VSTD020011

Tgt Ion: 97 Resp: 178832

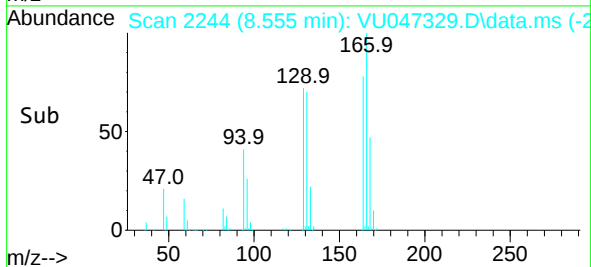
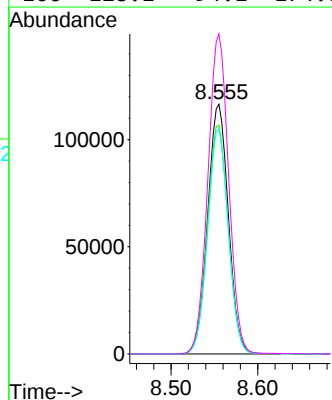
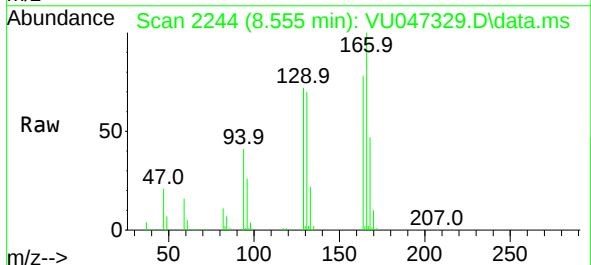
Ion	Ratio	Lower	Upper
97	100		
99	63.1	42.3	78.5
83	87.7	62.0	115.2
85	57.1	40.1	74.5

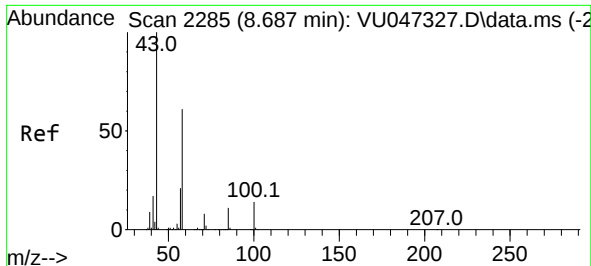


#47
Tetrachloroethene
Concen: 20.731 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047329.D
Acq: 04 Mar 2022 14:15

Tgt Ion: 164 Resp: 194147

Ion	Ratio	Lower	Upper
164	100		
129	91.6	71.8	133.4
131	89.9	68.5	127.3
166	128.1	94.1	174.8



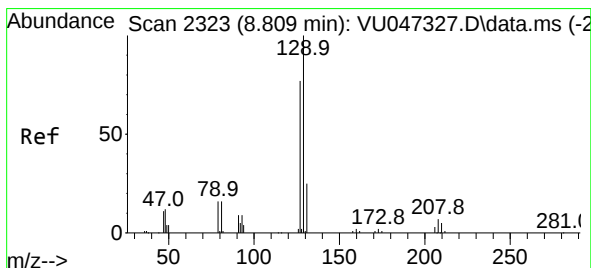
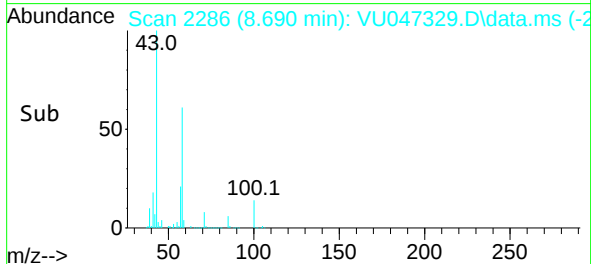
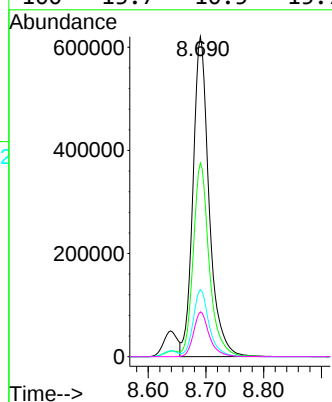
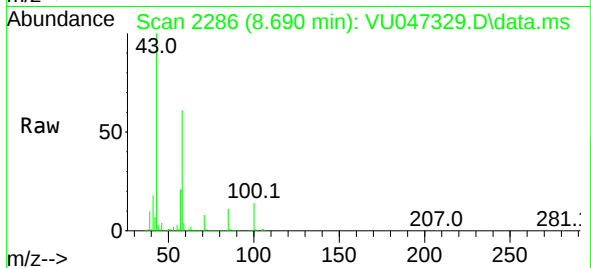


#48
2-Hexanone
Concen: 203.943 ug/L
RT: 8.690 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047329.D
Acq: 04 Mar 2022 14:15

Instrument :
MSVOA_U
ClientSampleId :
VSTD020011

Tgt Ion: 43 Resp: 1202784

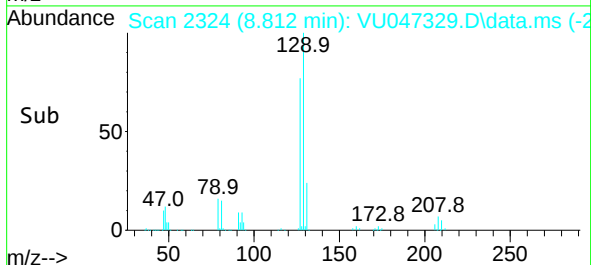
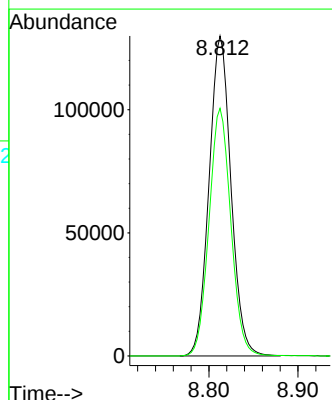
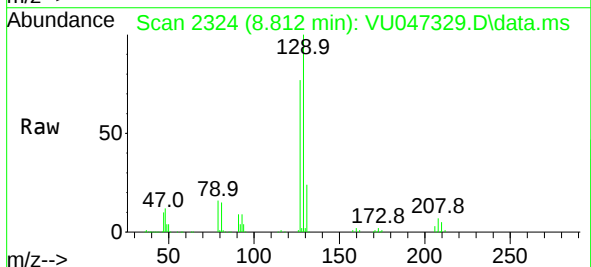
Ion	Ratio	Lower	Upper
43	100		
58	60.0	46.7	70.1
57	20.8	16.3	24.5
100	13.7	10.5	15.7

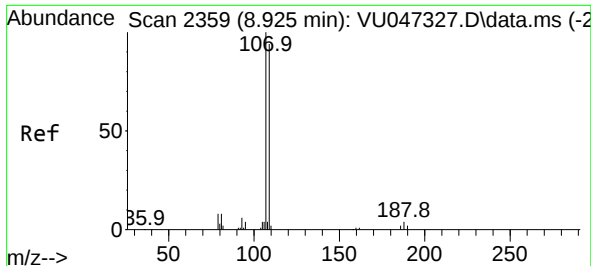


#49
Dibromochloromethane
Concen: 21.153 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU047329.D
Acq: 04 Mar 2022 14:15

Tgt Ion: 129 Resp: 222166

Ion	Ratio	Lower	Upper
129	100		
127	77.4	55.4	102.8





#50

1,2-Dibromoethane

Concen: 20.116 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047329.D

Acq: 04 Mar 2022 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD020011

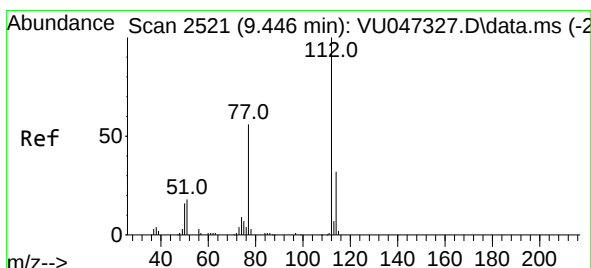
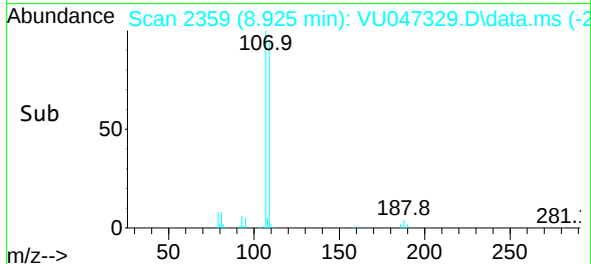
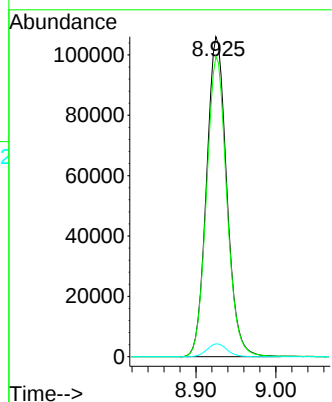
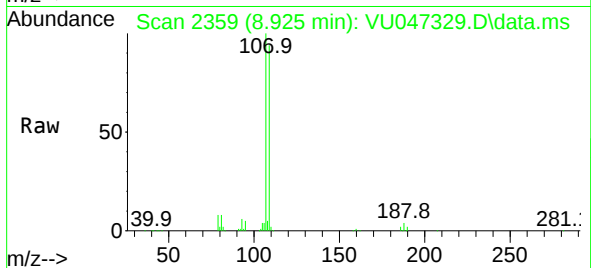
Tgt Ion:107 Resp: 186678

Ion Ratio Lower Upper

107 100

109 93.8 64.0 119.0

188 4.0 2.4 3.6#



#51

Chlorobenzene

Concen: 19.501 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU047329.D

Acq: 04 Mar 2022 14:15

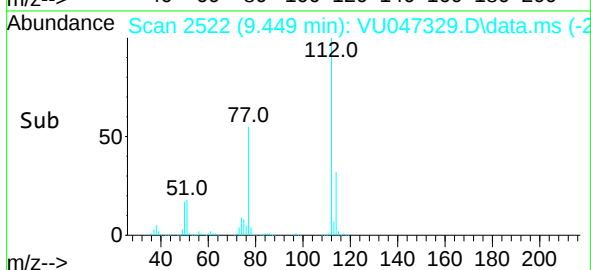
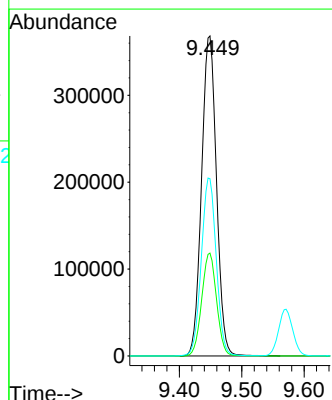
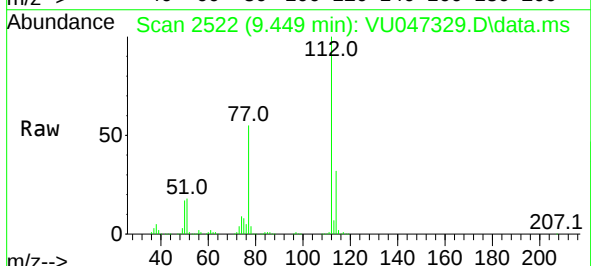
Tgt Ion:112 Resp: 613032

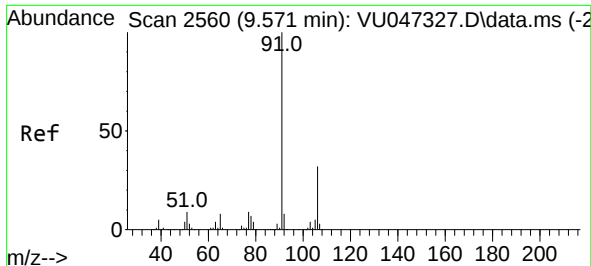
Ion Ratio Lower Upper

112 100

114 32.2 22.1 41.1

77 55.4 48.3 72.5

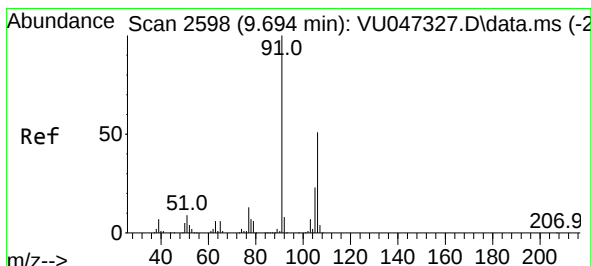
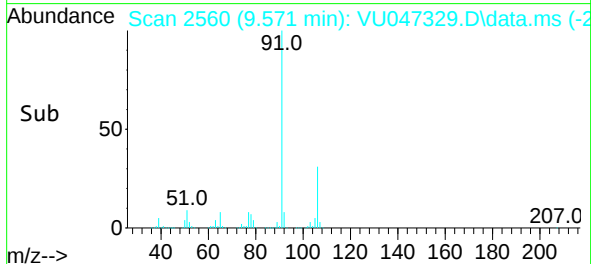
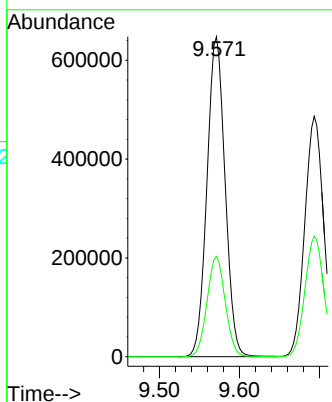
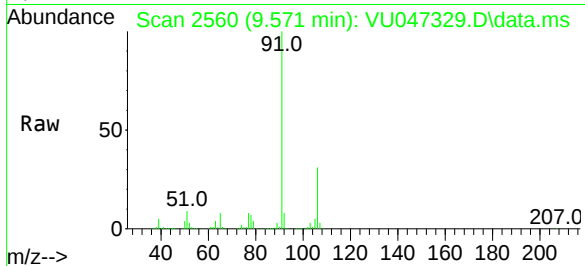




#52
Ethylbenzene
Concen: 20.883 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047329.D
Acq: 04 Mar 2022 14:15

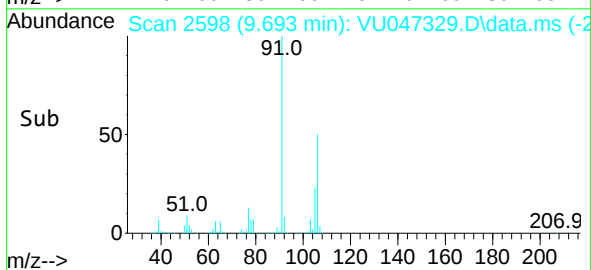
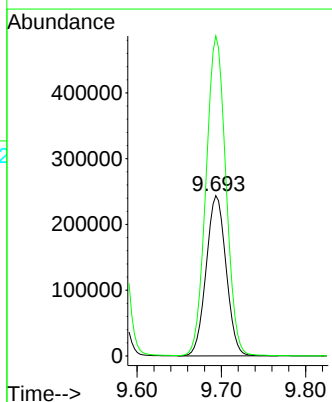
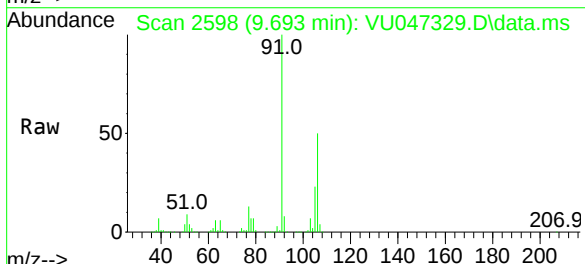
Instrument :
MSVOA_U
ClientSampleId :
VSTD020011

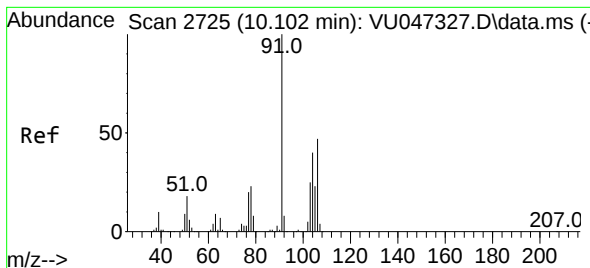
Tgt Ion: 91 Resp: 1017097
Ion Ratio Lower Upper
91 100
106 31.4 21.5 39.9



#53
m,p-Xylene
Concen: 20.530 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU047329.D
Acq: 04 Mar 2022 14:15

Tgt Ion: 106 Resp: 400053
Ion Ratio Lower Upper
106 100
91 199.6 139.4 259.0





#54

o-Xylene

Concen: 21.041 ug/L

RT: 10.102 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047329.D

Acq: 04 Mar 2022 14:15

Instrument :

MSVOA_U

ClientSampleId :

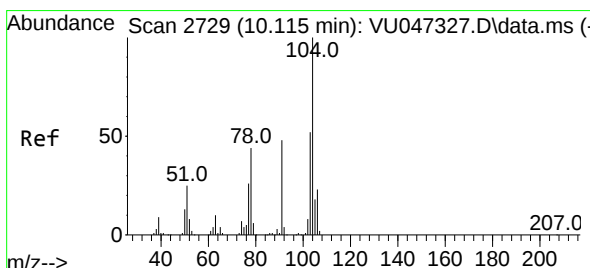
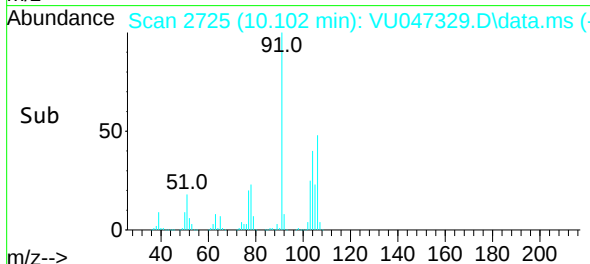
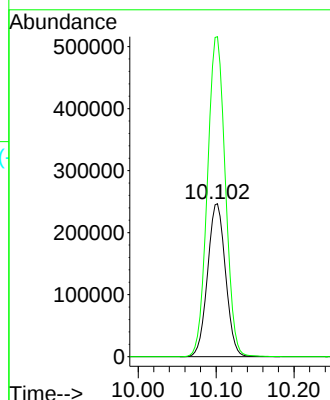
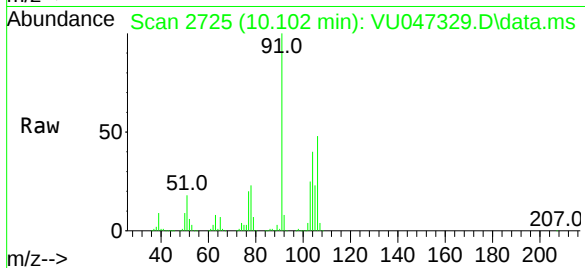
VSTD020011

Tgt Ion:106 Resp: 394090

Ion Ratio Lower Upper

106 100

91 209.2 147.5 273.9



#55

Styrene

Concen: 21.794 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU047329.D

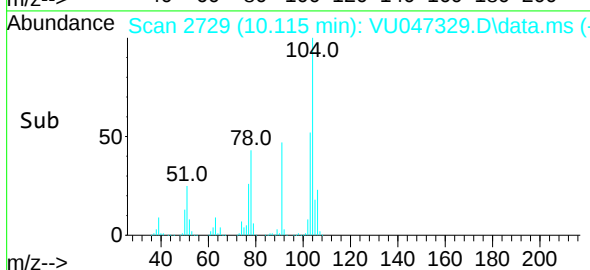
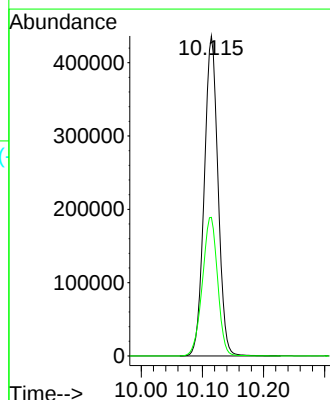
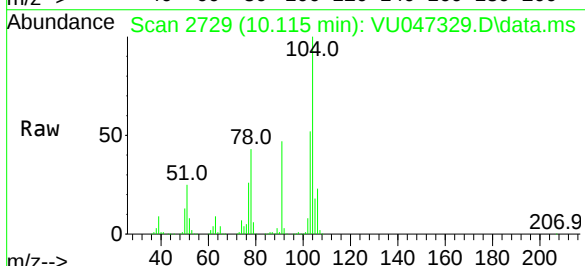
Acq: 04 Mar 2022 14:15

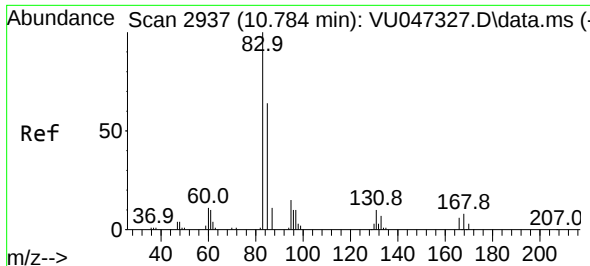
Tgt Ion:104 Resp: 682866

Ion Ratio Lower Upper

104 100

78 43.3 33.0 61.4

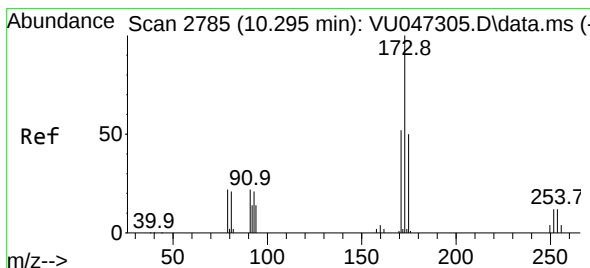
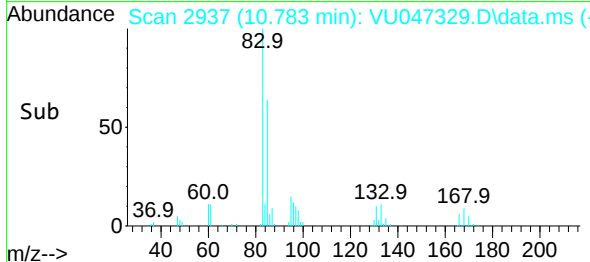
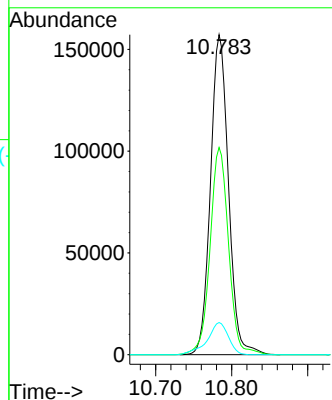
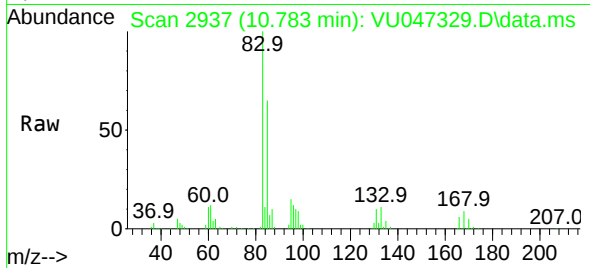




#57
1,1,2,2-Tetrachloroethane
Concen: 20.698 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047329.D
Acq: 04 Mar 2022 14:15

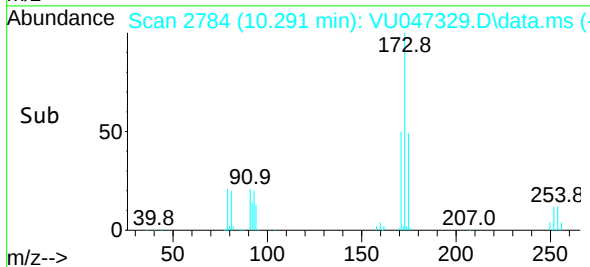
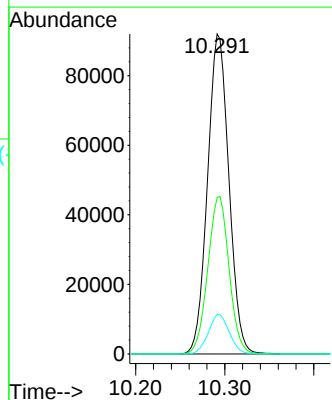
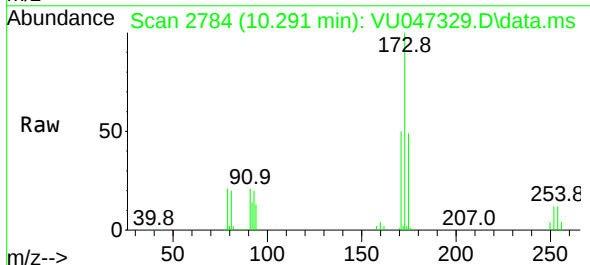
Instrument :
MSVOA_U
ClientSampleId :
VSTD020011

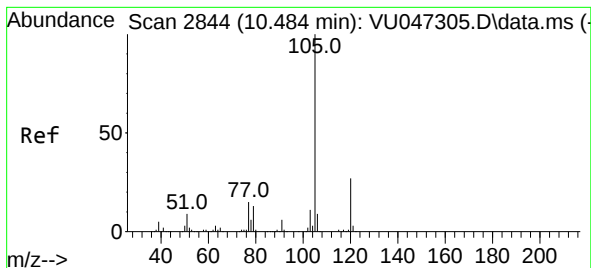
Tgt Ion: 83 Resp: 258005
Ion Ratio Lower Upper
83 100
85 64.7 47.9 89.1
131 10.1 8.1 12.1



#59
Bromoform
Concen: 19.319 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU047329.D
Acq: 04 Mar 2022 14:15

Tgt Ion:173 Resp: 152937
Ion Ratio Lower Upper
173 100
175 49.0 37.8 56.6
254 12.1 7.3 10.9#





#60

Isopropylbenzene

Concen: 18.524 ug/L

RT: 10.484 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047329.D

Acq: 04 Mar 2022 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTD020011

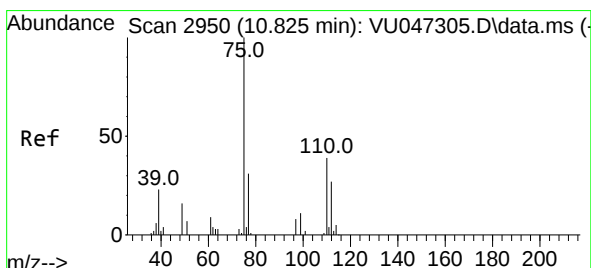
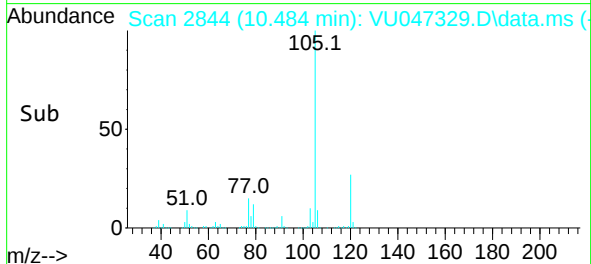
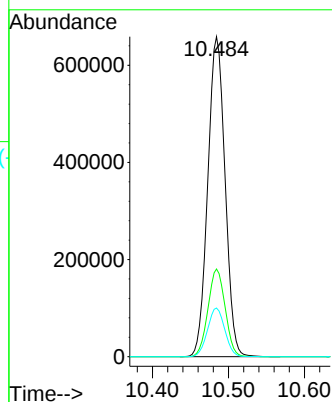
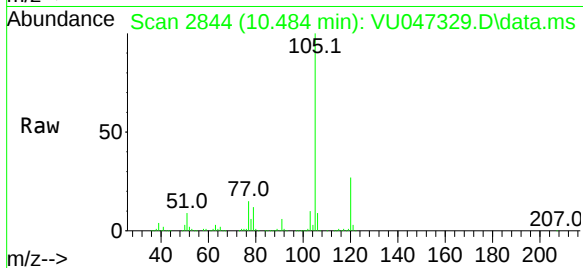
Tgt Ion:105 Resp: 1038495

Ion Ratio Lower Upper

105 100

120 27.2 20.7 31.1

77 15.2 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 18.345 ug/L

RT: 10.825 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU047329.D

Acq: 04 Mar 2022 14:15

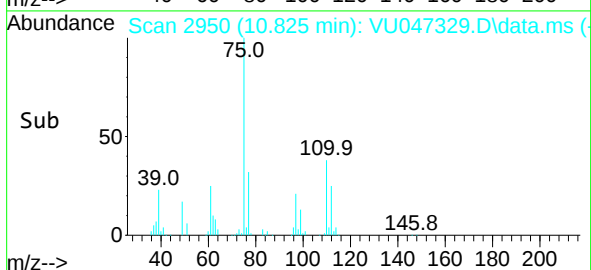
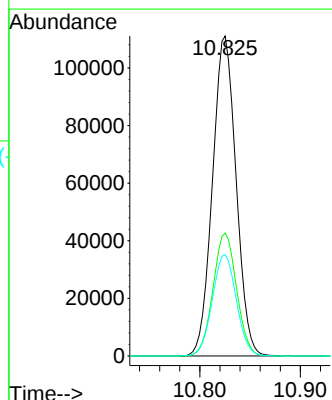
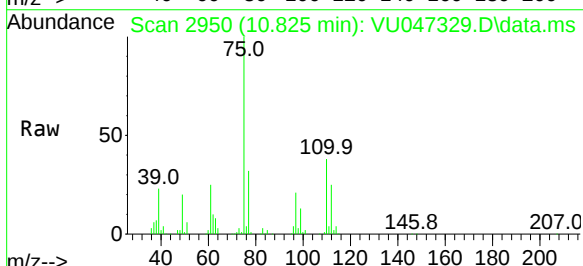
Tgt Ion: 75 Resp: 181003

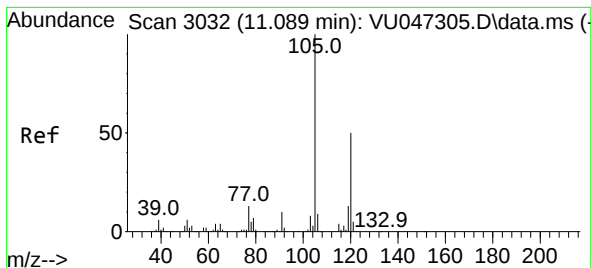
Ion Ratio Lower Upper

75 100

110 38.4 29.9 44.9

77 32.3 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 19.099 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU047329.D

Acq: 04 Mar 2022 14:15

Instrument :

MSVOA_U

ClientSampleId :

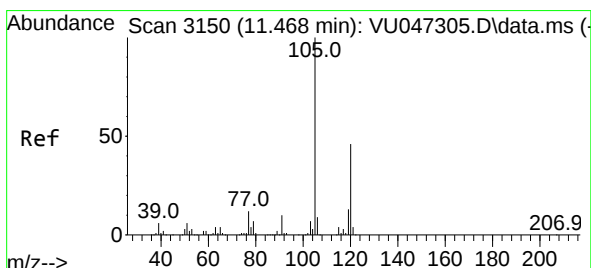
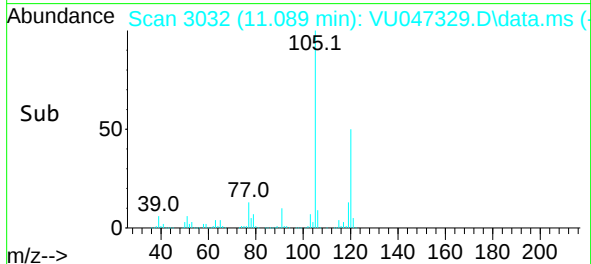
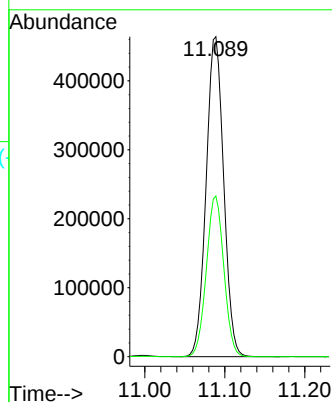
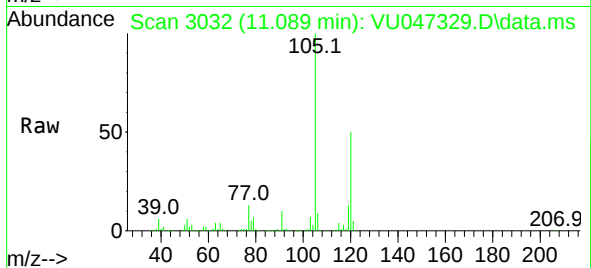
VSTD020011

Tgt Ion:105 Resp: 708225

Ion Ratio Lower Upper

105 100

120 50.1 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 19.376 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU047329.D

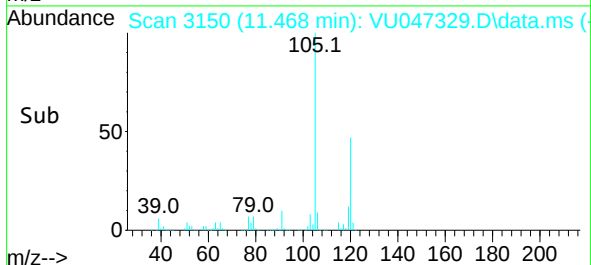
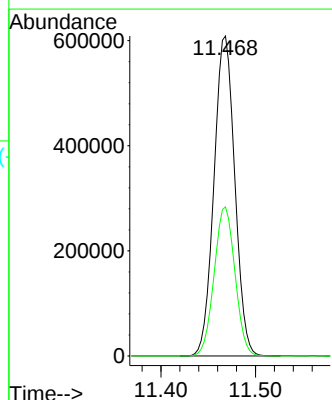
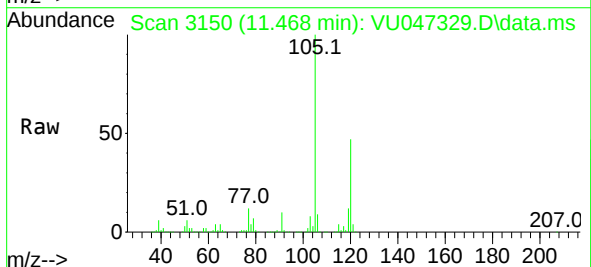
Acq: 04 Mar 2022 14:15

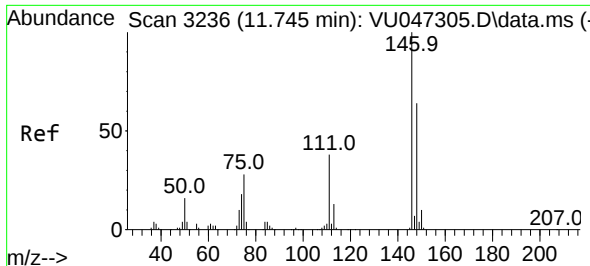
Tgt Ion:105 Resp: 930926

Ion Ratio Lower Upper

105 100

120 46.6 35.8 53.8

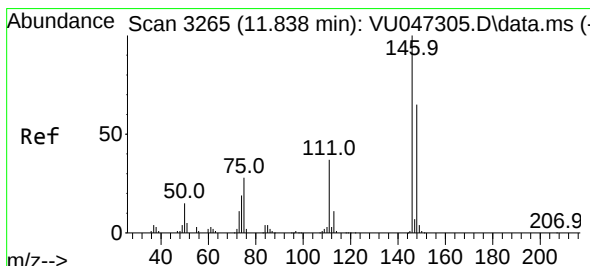
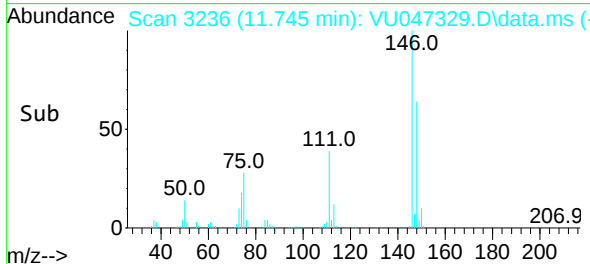
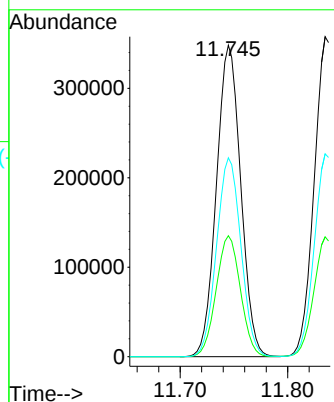
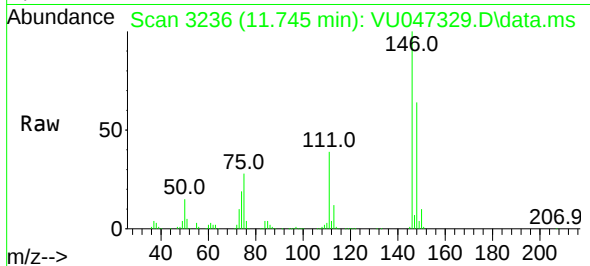




#64
1,3-Dichlorobenzene
Concen: 19.056 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047329.D
Acq: 04 Mar 2022 14:15

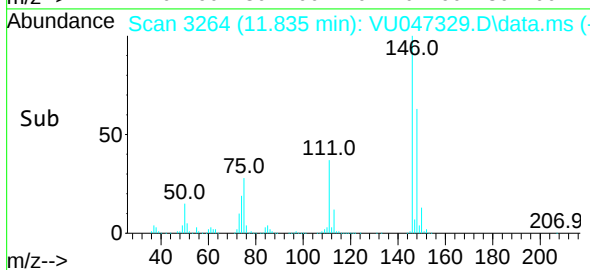
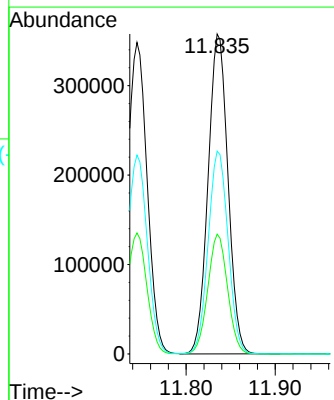
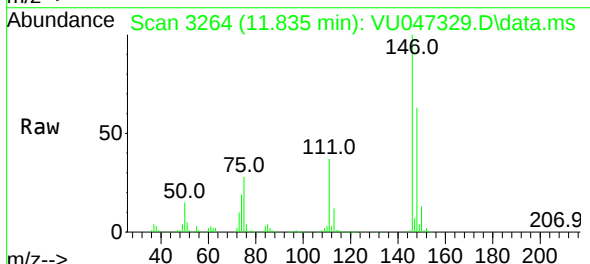
Instrument :
MSVOA_U
ClientSampleId :
VSTD020011

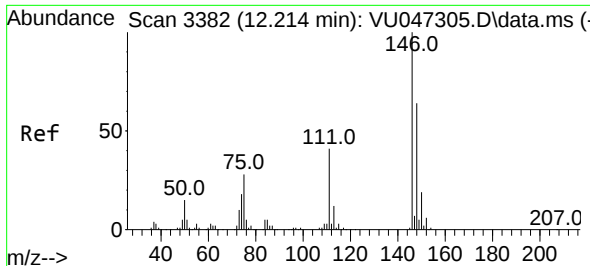
Tgt Ion:146 Resp: 546793
Ion Ratio Lower Upper
146 100
111 38.8 29.9 55.5
148 63.8 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 18.855 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU047329.D
Acq: 04 Mar 2022 14:15

Tgt Ion:146 Resp: 553292
Ion Ratio Lower Upper
146 100
111 37.5 28.7 53.3
148 63.4 45.8 85.0

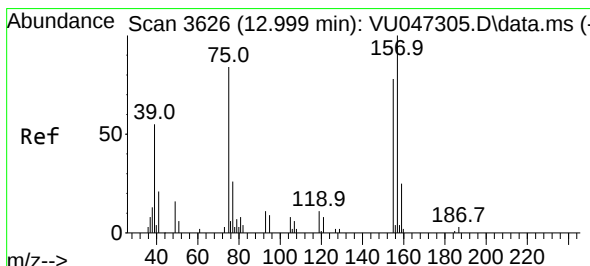
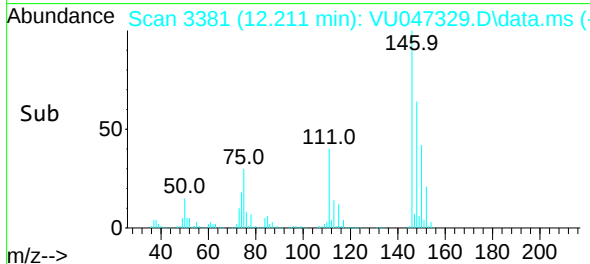
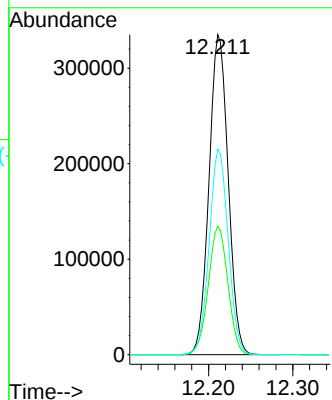
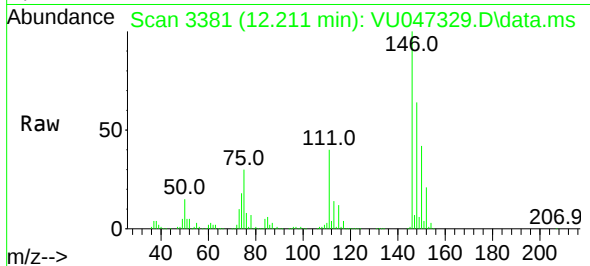




#67
1,2-Dichlorobenzene
Concen: 18.633 ug/L
RT: 12.211 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047329.D
Acq: 04 Mar 2022 14:15

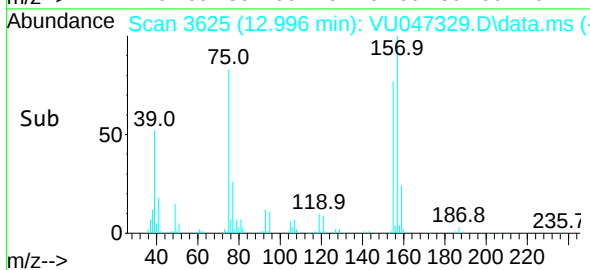
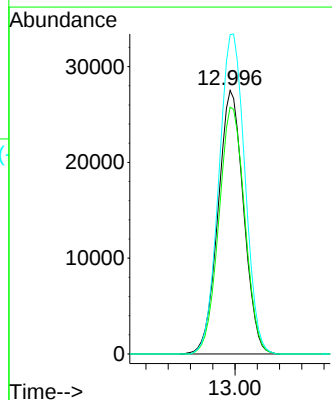
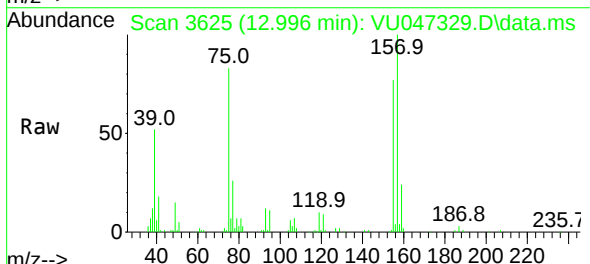
Instrument :
MSVOA_U
ClientSampleId :
VSTD020011

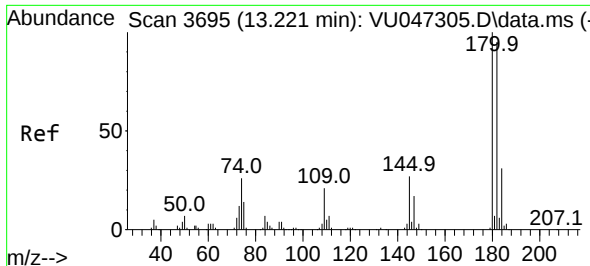
Tgt Ion:146 Resp: 529627
Ion Ratio Lower Upper
146 100
111 40.1 35.4 53.0
148 64.2 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 19.189 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU047329.D
Acq: 04 Mar 2022 14:15

Tgt Ion: 75 Resp: 43834
Ion Ratio Lower Upper
75 100
155 93.7 59.2 88.8#
157 121.1 76.5 114.7#



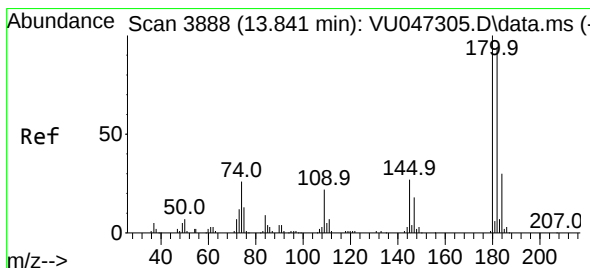
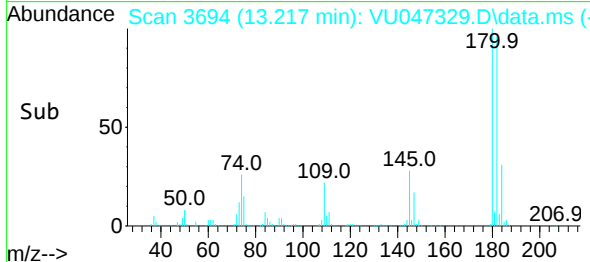
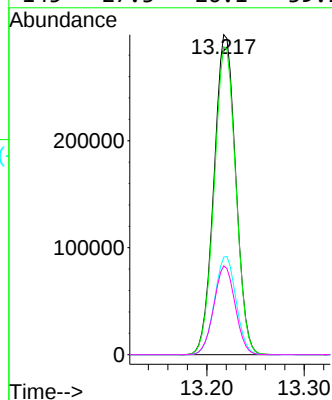
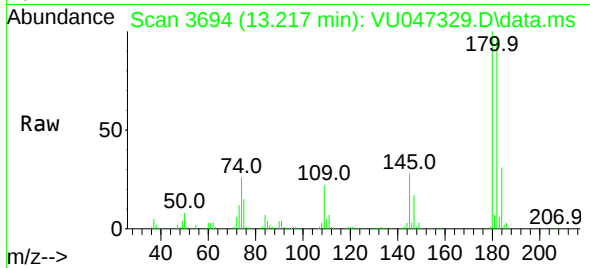


#69
 1,3,5-Trichlorobenzene
 Concen: 19.034 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU047329.D
 Acq: 04 Mar 2022 14:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD020011

Tgt Ion:180 Resp: 463522

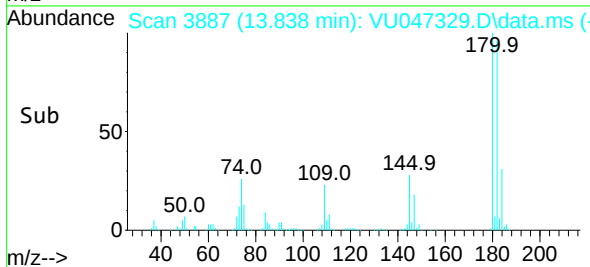
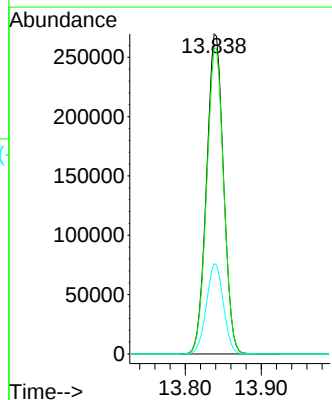
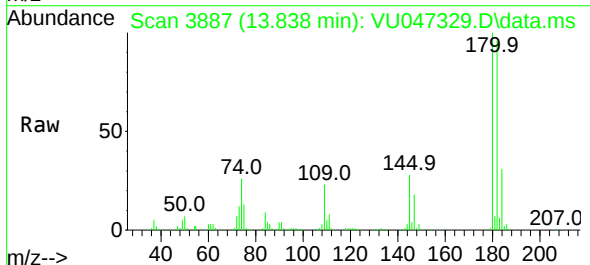
Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.1	114.1
184	30.5	25.0	37.4
145	27.3	26.1	39.1

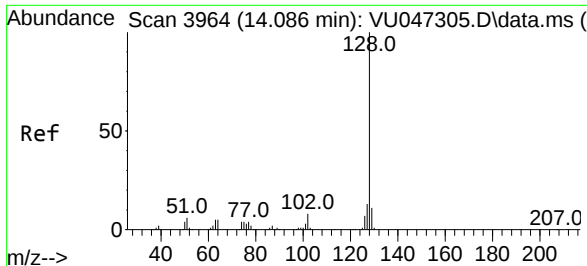


#70
 1,2,4-trichlorobenzene
 Concen: 19.144 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU047329.D
 Acq: 04 Mar 2022 14:15

Tgt Ion:180 Resp: 417334

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.4	114.6
145	28.3	25.6	38.4

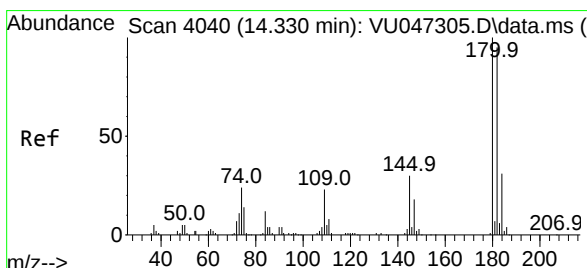
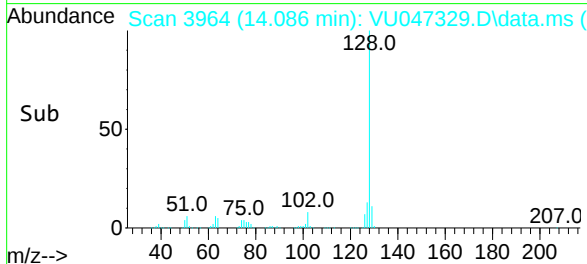
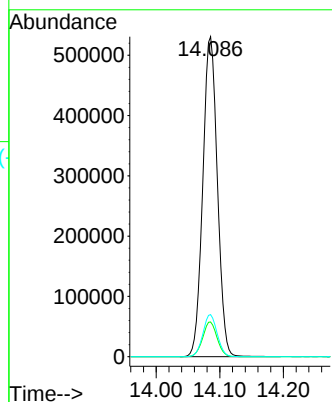
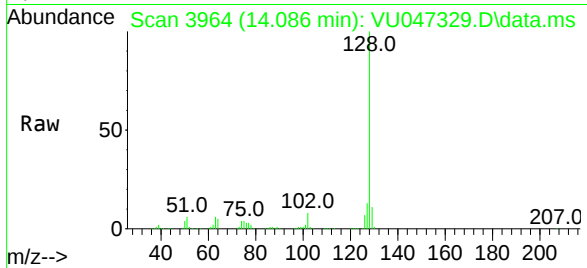




#71
Naphthalene
Concen: 19.393 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU047329.D
Acq: 04 Mar 2022 14:15

Instrument :
MSVOA_U
ClientSampleId :
VSTD020011

Tgt Ion:128 Resp: 844186
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 12.9 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 18.939 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.003 min
Lab File: VU047329.D
Acq: 04 Mar 2022 14:15

Tgt Ion:180 Resp: 388296
Ion Ratio Lower Upper
180 100
182 94.9 76.2 114.4
145 29.2 28.4 42.6

