

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
 Data File : VU047355.D
 Acq On : 05 Mar 2022 01:22
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005085

Quant Time: Mar 05 01:46:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 23:20:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	183075	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	174409	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	98426	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	63753	4.906	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.919	69	55203	5.093	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.800%
11) 1,1-Dichloroethene-d2	2.575	65	26718	4.869	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.400%
20) 2-Butanone-d5	4.639	46	179914	42.176	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.360%
24) Chloroform-d	5.070	84	125845	5.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
26) 1,2-Dichloroethane-d4	5.706	65	68714	5.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.732	84	248802	5.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	6.694	67	78971	5.162	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.200%
41) Toluene-d8	7.899	98	233515	5.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	8.182	79	33748	5.020	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.400%
46) 2-Hexanone-d5	8.636	63	199181	52.057	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.120%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	80026	5.134	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	102267	5.302	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	67926	5.885	ug/L	100
3) Chloromethane	1.527	50	71958	5.638	ug/L	99
5) Vinyl chloride	1.607	62	69707	5.742	ug/L	100
6) Bromomethane	1.864	94	38045	5.787	ug/L	99
8) Chloroethane	1.941	64	40810	5.812	ug/L	98
9) Trichlorofluoromethane	2.144	101	90016	5.965	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	52535	5.964	ug/L	93
12) 1,1-Dichloroethene	2.588	96	52135	5.810	ug/L	82
13) Acetone	2.658	43	72733	42.239	ug/L	98
14) Carbon disulfide	2.800	76	167308	5.785	ug/L	99
15) Methyl Acetate	2.964	43	22659	5.743	ug/L	93
16) Methylene chloride	3.054	84	59775	5.722	ug/L	92
17) Methyl tert-butyl Ether	3.369	73	137502	5.722	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	56994	5.848	ug/L	91
19) 1,1-Dichloroethane	3.877	63	95792	5.904	ug/L	98
21) 2-Butanone	4.719	43	136258	41.627	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	61917	5.836	ug/L	95
23) Bromochloromethane	4.980	128	31280	5.904	ug/L #	83
25) Chloroform	5.092	83	100902	5.684	ug/L	99

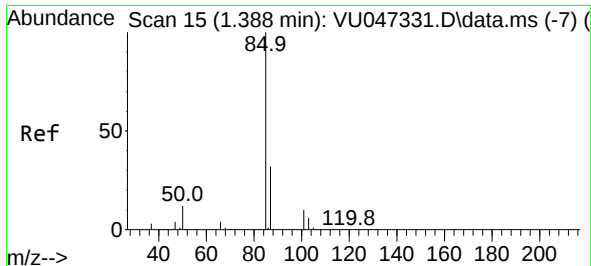
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
 Data File : VU047355.D
 Acq On : 05 Mar 2022 01:22
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005085

Quant Time: Mar 05 01:46:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 23:20:39 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	66087	5.527	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	88354	6.033	ug/L	98
30) Cyclohexane	5.395	56	85193	5.945	ug/L	96
31) Carbon tetrachloride	5.530	117	76056	6.014	ug/L	100
33) Benzene	5.777	78	229736	5.837	ug/L	100
34) Trichloroethene	6.546	95	62127	6.005	ug/L	93
35) Methylcyclohexane	6.764	83	94079	5.931	ug/L	94
37) 1,2-Dichloropropane	6.793	63	57603	5.901	ug/L	100
38) Bromodichloromethane	7.108	83	73580	5.744	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	87794	5.665	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	410516	55.754	ug/L	97
42) Toluene	7.970	91	249882	5.857	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	78197	5.694	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	49600	5.876	ug/L	98
47) Tetrachloroethene	8.555	164	52307	5.935	ug/L	93
48) 2-Hexanone	8.687	43	308030	56.089	ug/L	98
49) Dibromochloromethane	8.809	129	57181	5.756	ug/L	99
50) 1,2-Dibromoethane	8.925	107	48949	5.677	ug/L #	95
51) Chlorobenzene	9.446	112	167040	5.814	ug/L	97
52) Ethylbenzene	9.571	91	271405	5.947	ug/L	99
53) m,p-Xylene	9.693	106	106584	5.877	ug/L	98
54) o-Xylene	10.102	106	102999	5.889	ug/L	99
55) Styrene	10.115	104	175763	5.927	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	64930	5.557	ug/L	97
59) Bromoform	10.291	173	36497	5.748	ug/L #	98
60) Isopropylbenzene	10.484	105	270965	6.136	ug/L	98
61) 1,2,3-Trichloropropane	10.822	75	46763	5.722	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	178486	6.056	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	234111	6.099	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	141757	6.000	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	143119	5.913	ug/L	96
67) 1,2-Dichlorobenzene	12.211	146	137958	5.905	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	10700	5.731	ug/L #	76
69) 1,3,5-Trichlorobenzene	13.217	180	119251	6.054	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	106135	5.929	ug/L	98
71) Naphthalene	14.086	128	197437	5.532	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	98839	5.931	ug/L	97

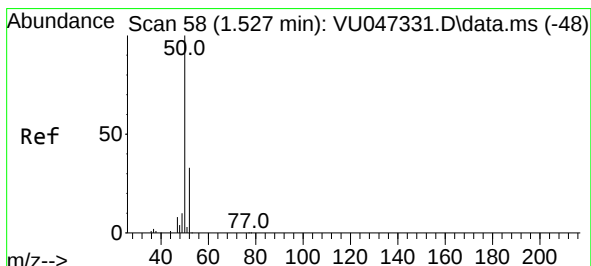
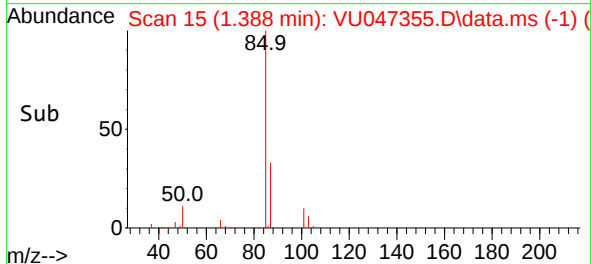
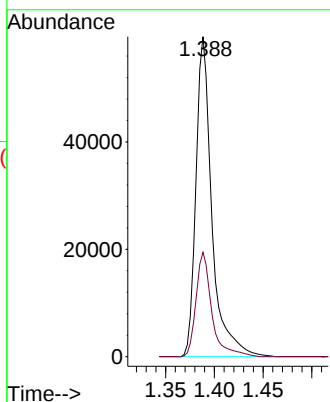
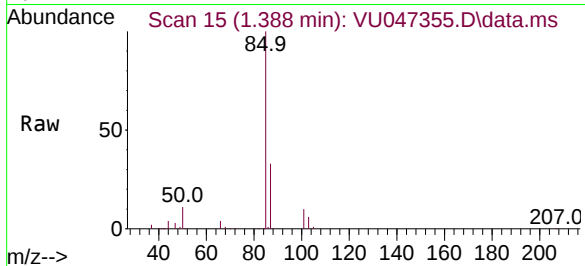
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.885 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047355.D
Acq: 05 Mar 2022 01:22

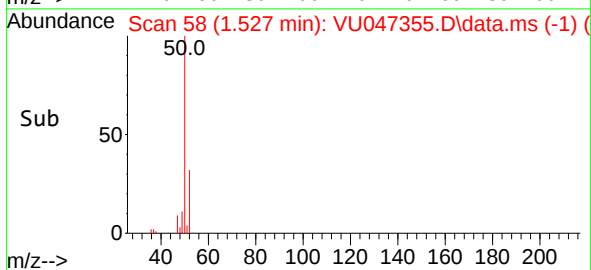
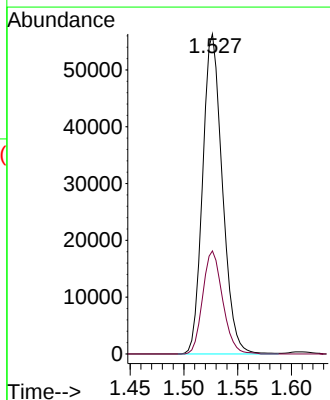
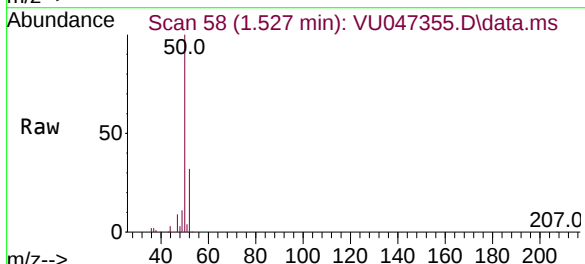
Instrument :
MSVOA_U
ClientSampleId :
VSTD005085

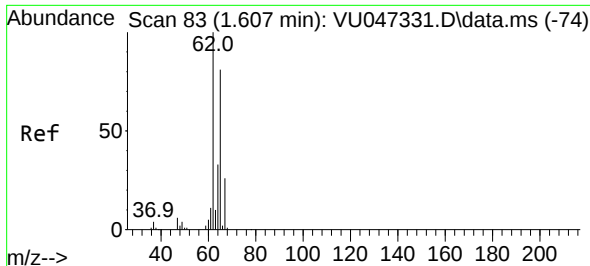
Tgt Ion: 85 Resp: 67926
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.6



#3
Chloromethane
Concen: 5.638 ug/L
RT: 1.527 min Scan# 58
Delta R.T. -0.000 min
Lab File: VU047355.D
Acq: 05 Mar 2022 01:22

Tgt Ion: 50 Resp: 71958
Ion Ratio Lower Upper
50 100
52 32.2 23.0 42.8

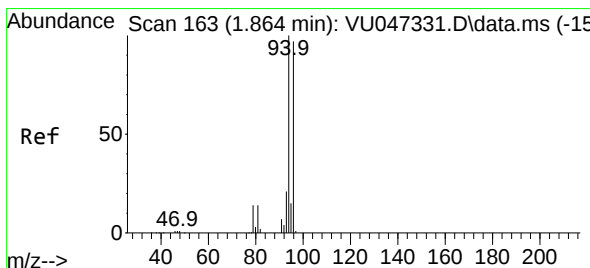
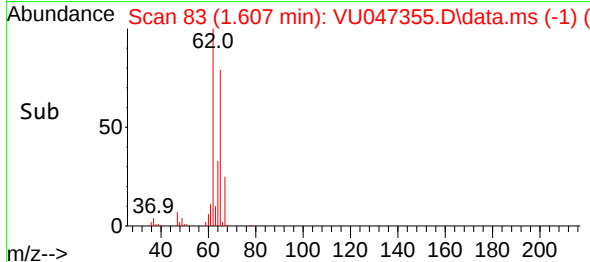
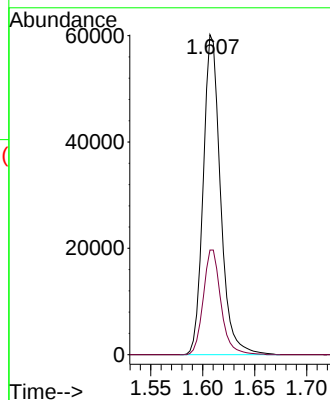
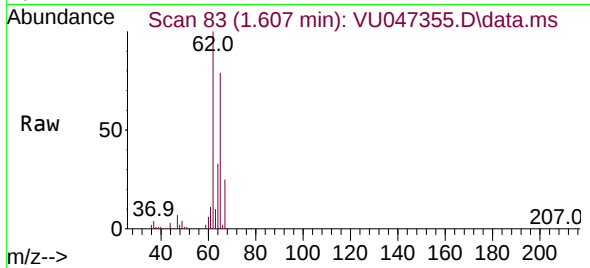




#5
 Vinyl chloride
 Concen: 5.742 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU047355.D
 Acq: 05 Mar 2022 01:22

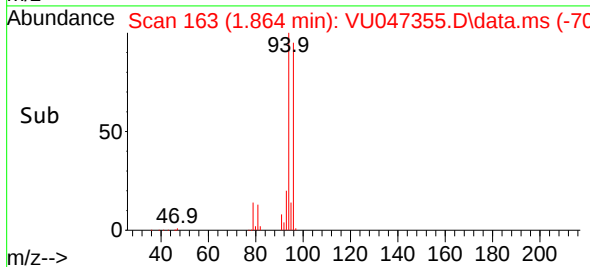
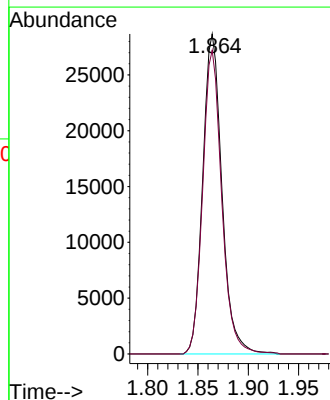
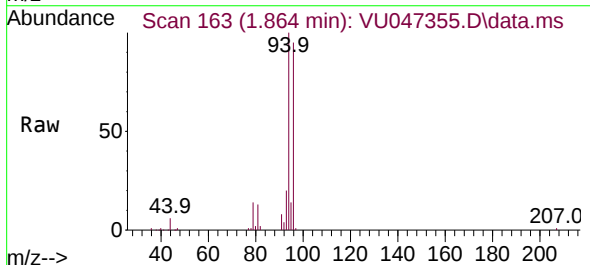
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005085

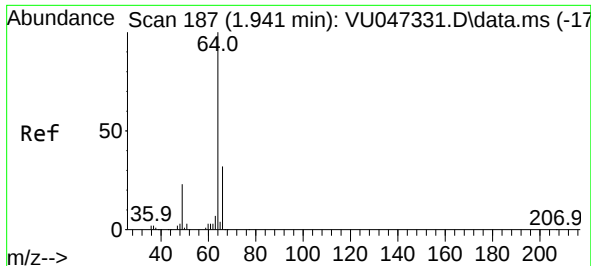
Tgt Ion: 62 Resp: 69707
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.9 42.5



#6
 Bromomethane
 Concen: 5.787 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU047355.D
 Acq: 05 Mar 2022 01:22

Tgt Ion: 94 Resp: 38045
 Ion Ratio Lower Upper
 94 100
 96 94.9 65.5 121.6

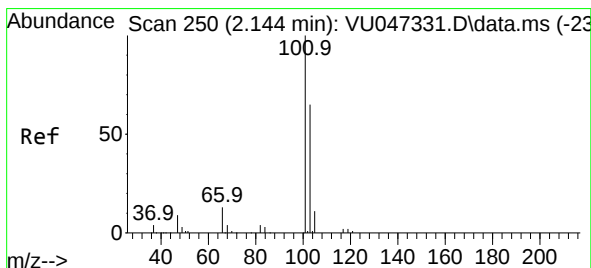
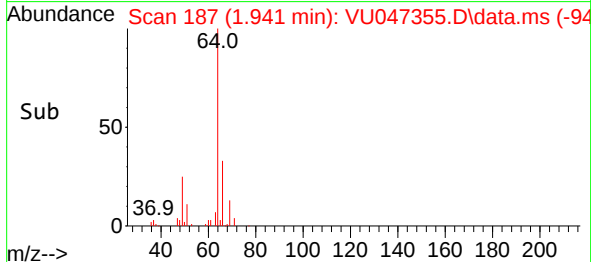
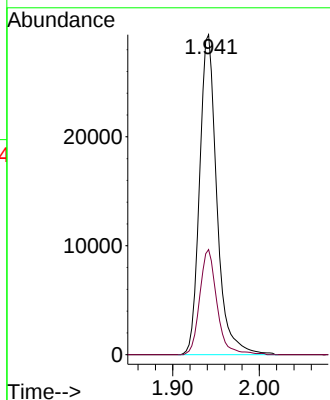
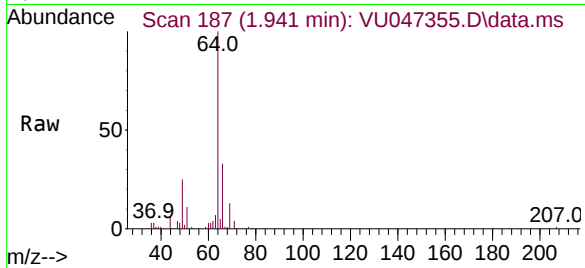




#8
Chloroethane
Concen: 5.812 ug/L
RT: 1.941 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047355.D
Acq: 05 Mar 2022 01:22

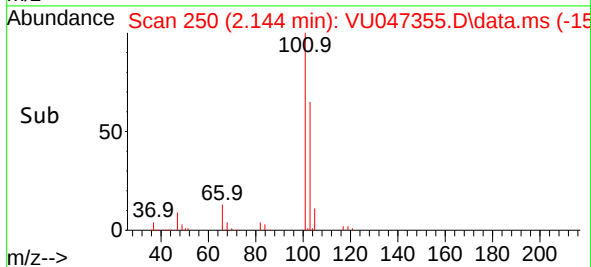
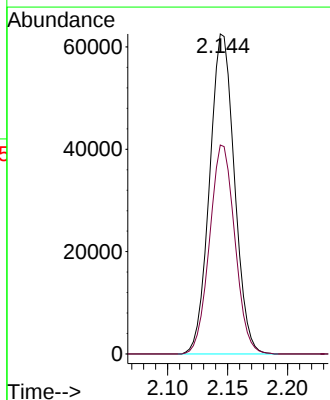
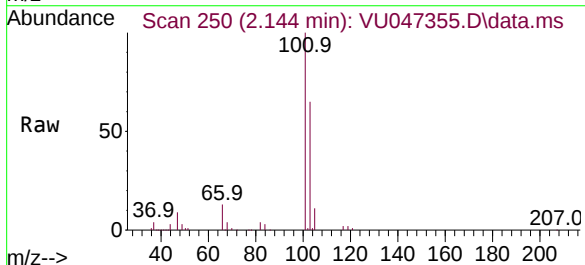
Instrument :
MSVOA_U
ClientSampleId :
VSTD005085

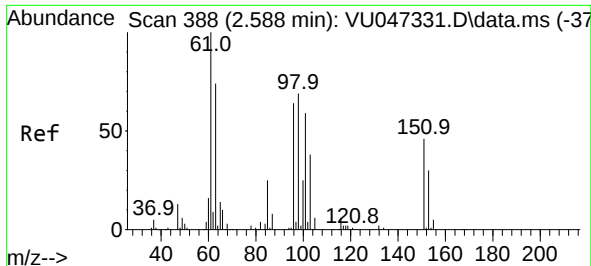
Tgt Ion: 64 Resp: 40810
Ion Ratio Lower Upper
64 100
66 32.8 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.965 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU047355.D
Acq: 05 Mar 2022 01:22

Tgt Ion: 101 Resp: 90016
Ion Ratio Lower Upper
101 100
103 66.4 51.5 77.3

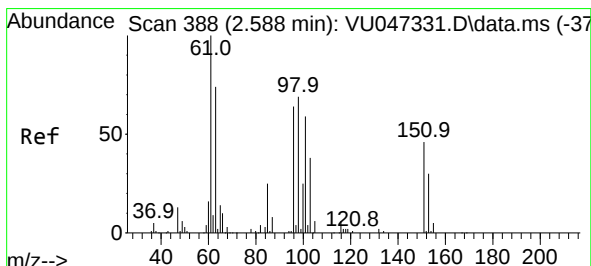
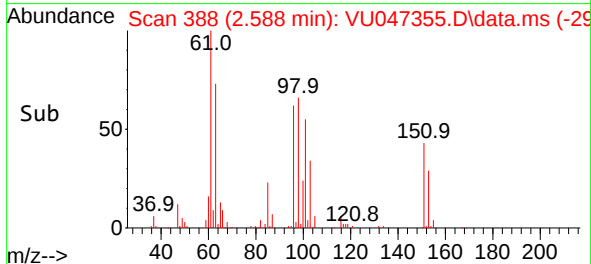
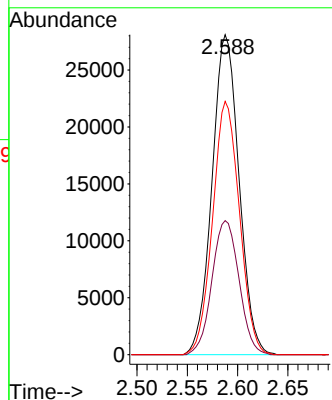
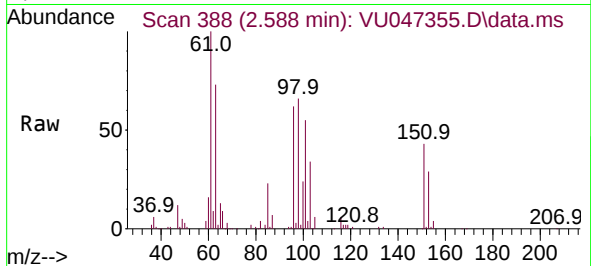




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.964 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047355.D
 Acq: 05 Mar 2022 01:22

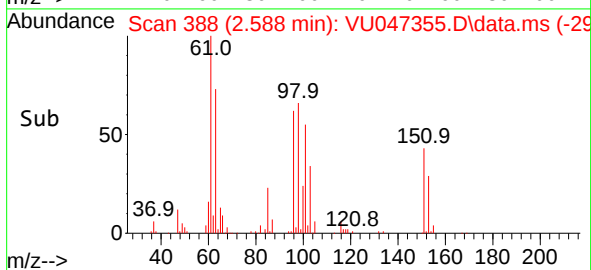
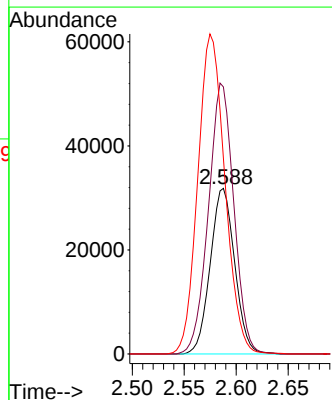
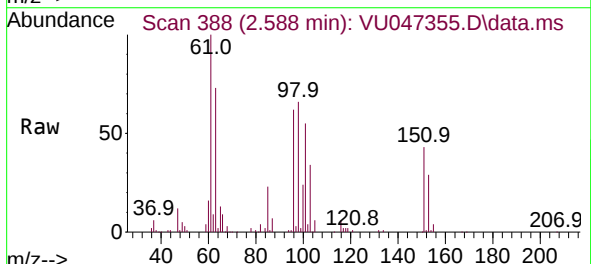
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005085

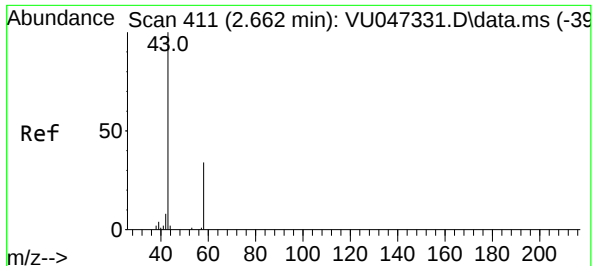
Tgt Ion:101 Resp: 52535
 Ion Ratio Lower Upper
 101 100
 85 41.9 34.6 51.8
 151 78.7 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 5.810 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047355.D
 Acq: 05 Mar 2022 01:22

Tgt Ion: 96 Resp: 52135
 Ion Ratio Lower Upper
 96 100
 61 161.3 124.7 231.5
 63 118.2 105.2 195.4





#13

Acetone

Concen: 42.239 ug/L

RT: 2.658 min Scan# 411

Delta R.T. -0.003 min

Lab File: VU047355.D

Acq: 05 Mar 2022 01:22

Instrument :

MSVOA_U

ClientSampleId :

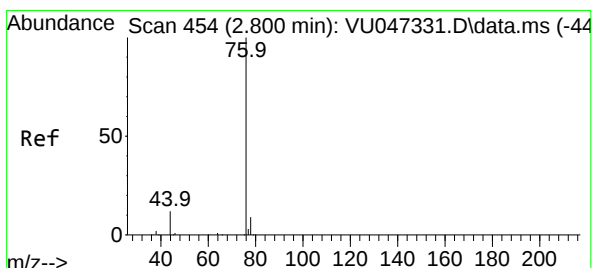
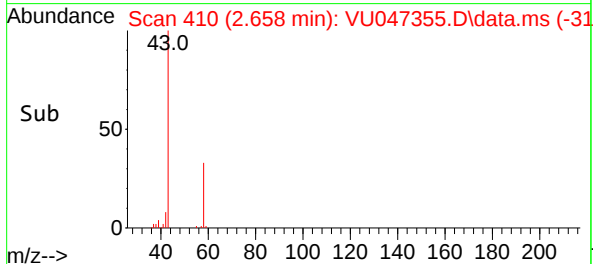
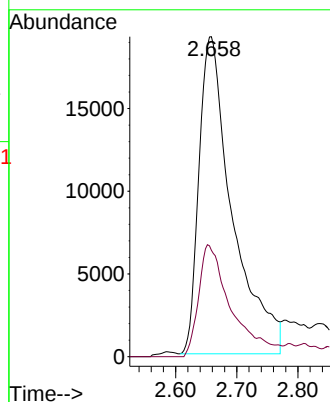
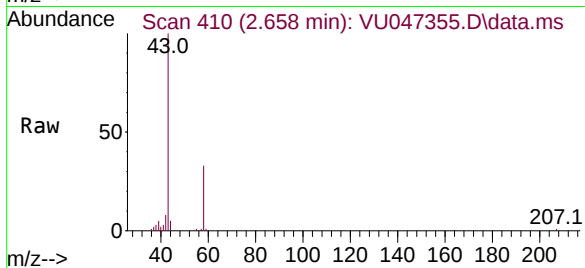
VSTD005085

Tgt Ion: 43 Resp: 72733

Ion Ratio Lower Upper

43 100

58 34.8 0.0 71.6



#14

Carbon disulfide

Concen: 5.785 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU047355.D

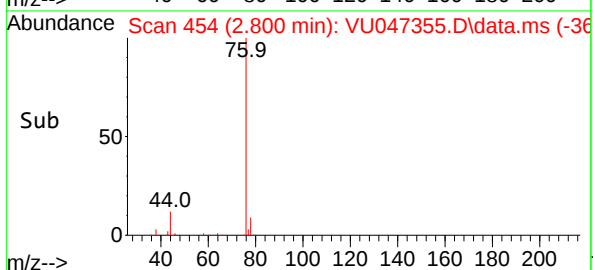
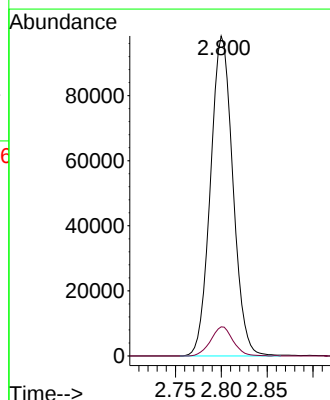
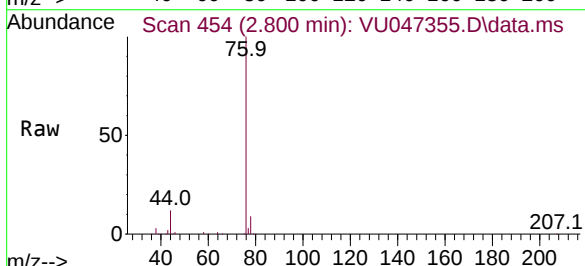
Acq: 05 Mar 2022 01:22

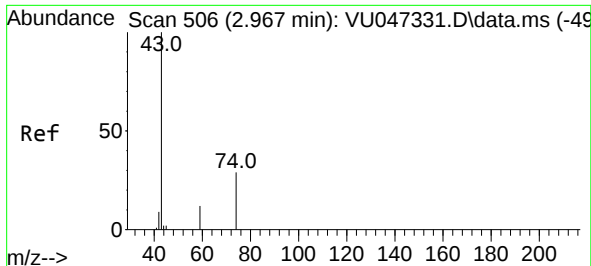
Tgt Ion: 76 Resp: 167308

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

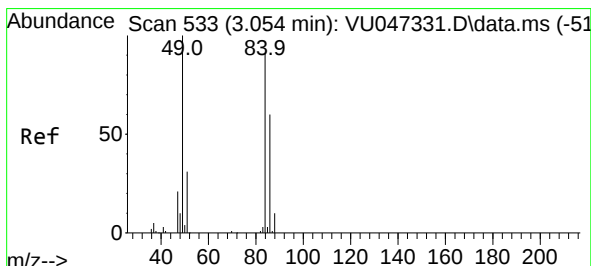
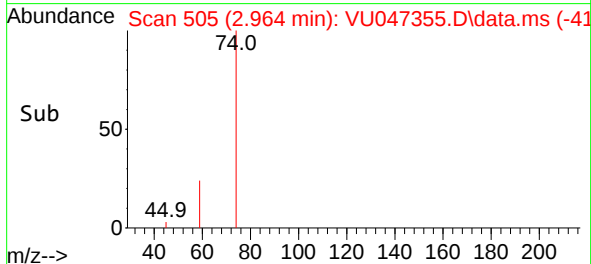
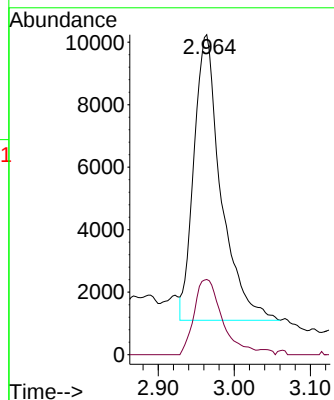
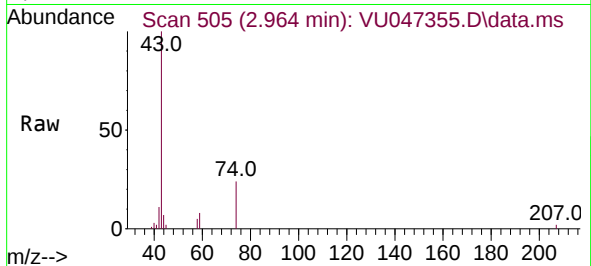




#15
Methyl Acetate
Concen: 5.743 ug/L
RT: 2.964 min Scan# 506
Delta R.T. -0.003 min
Lab File: VU047355.D
Acq: 05 Mar 2022 01:22

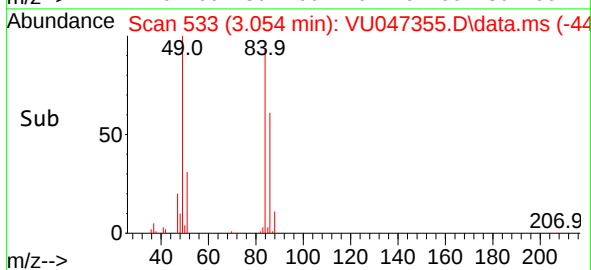
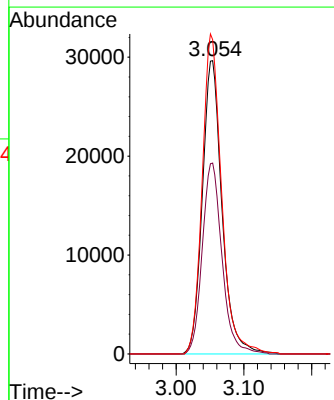
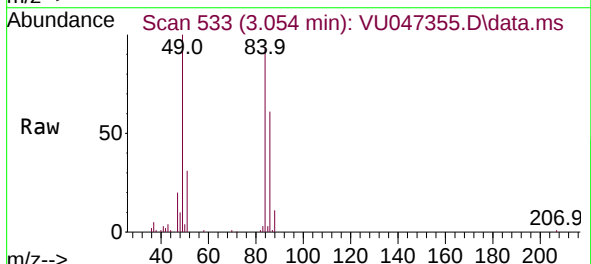
Instrument :
MSVOA_U
ClientSampleId :
VSTD005085

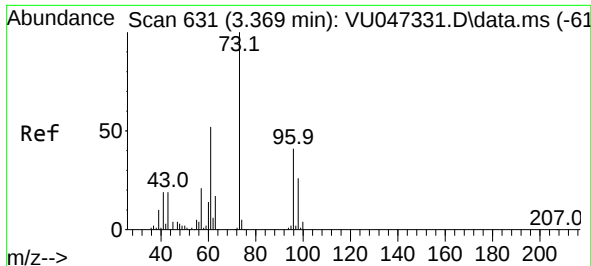
Tgt Ion: 43 Resp: 22659
Ion Ratio Lower Upper
43 100
74 27.2 19.1 28.7



#16
Methylene chloride
Concen: 5.722 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU047355.D
Acq: 05 Mar 2022 01:22

Tgt Ion: 84 Resp: 59775
Ion Ratio Lower Upper
84 100
86 65.1 45.8 85.0
49 107.2 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 5.722 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU047355.D

Acq: 05 Mar 2022 01:22

Instrument :

MSVOA_U

ClientSampleId :

VSTD005085

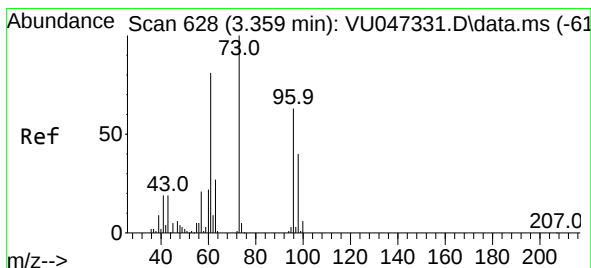
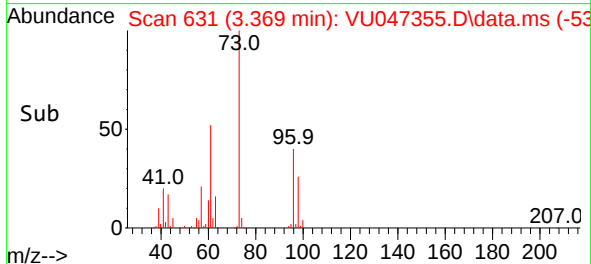
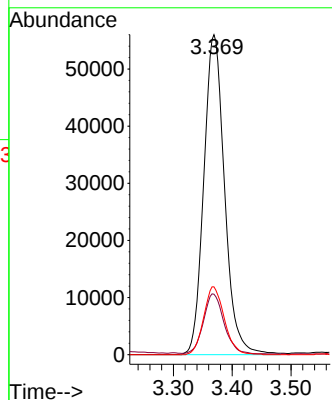
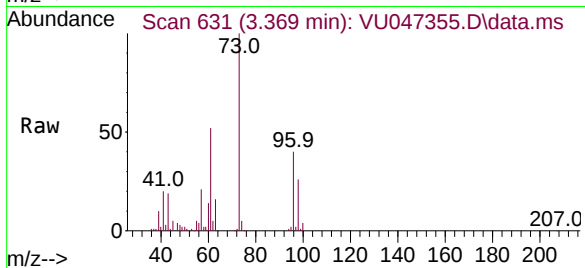
Tgt Ion: 73 Resp: 137502

Ion Ratio Lower Upper

73 100

43 18.4 14.8 22.2

57 21.1 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 5.848 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.000 min

Lab File: VU047355.D

Acq: 05 Mar 2022 01:22

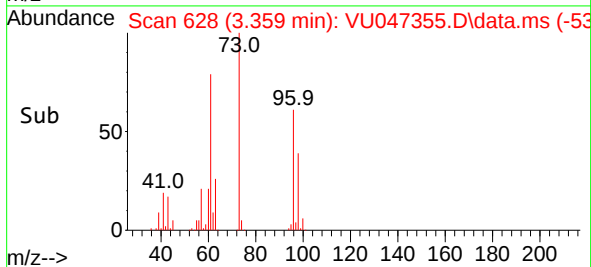
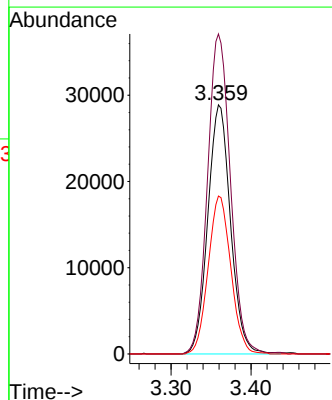
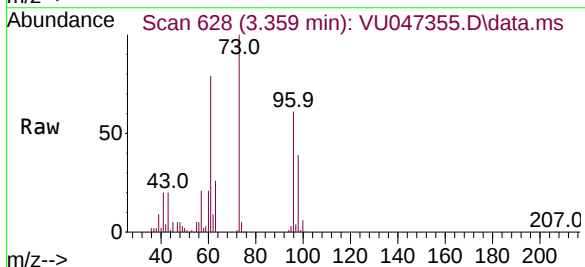
Tgt Ion: 96 Resp: 56994

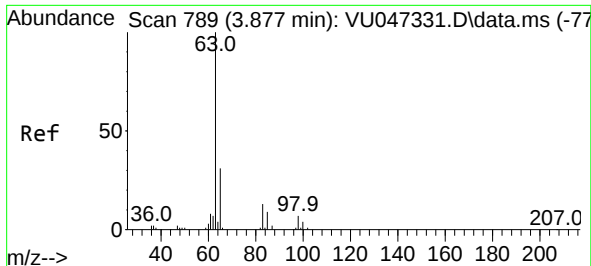
Ion Ratio Lower Upper

96 100

61 128.5 100.8 187.2

98 63.4 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.904 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU047355.D

Acq: 05 Mar 2022 01:22

Instrument :

MSVOA_U

ClientSampleId :

VSTD005085

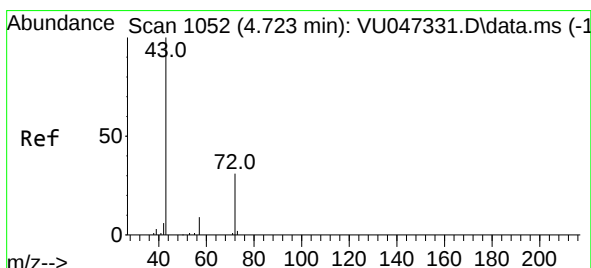
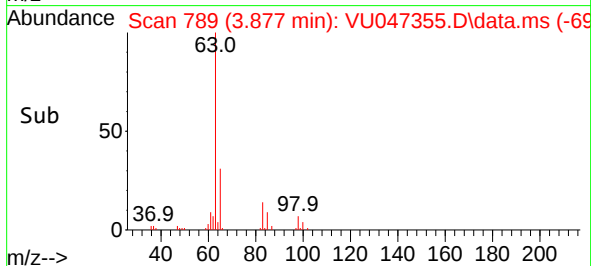
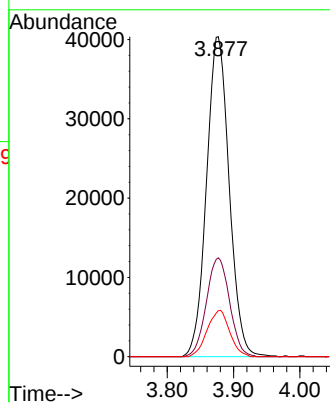
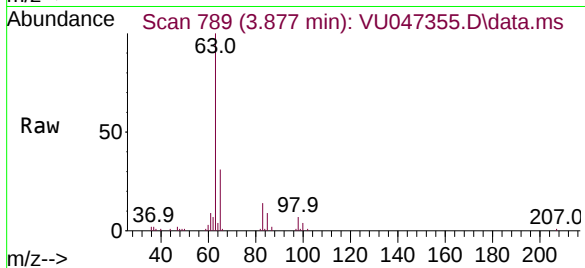
Tgt Ion: 63 Resp: 95792

Ion Ratio Lower Upper

63 100

65 30.9 22.3 41.5

83 14.3 9.6 17.8



#21

2-Butanone

Concen: 41.627 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. -0.003 min

Lab File: VU047355.D

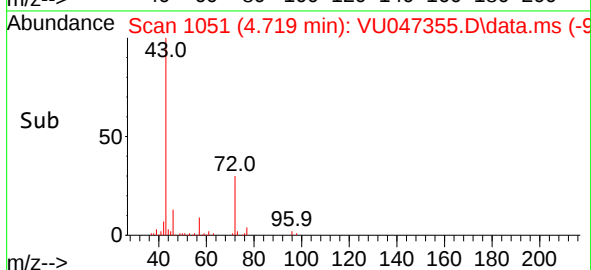
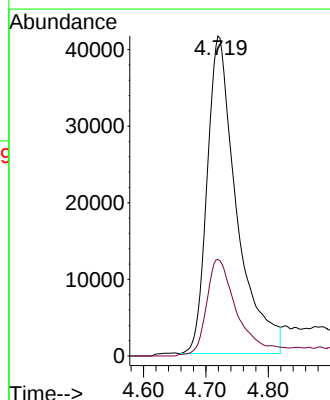
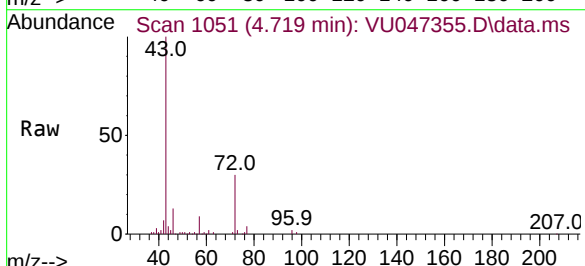
Acq: 05 Mar 2022 01:22

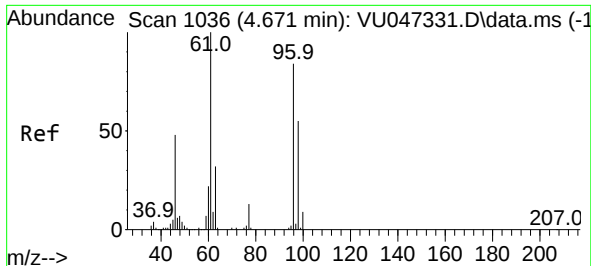
Tgt Ion: 43 Resp: 136258

Ion Ratio Lower Upper

43 100

72 30.8 14.1 42.3

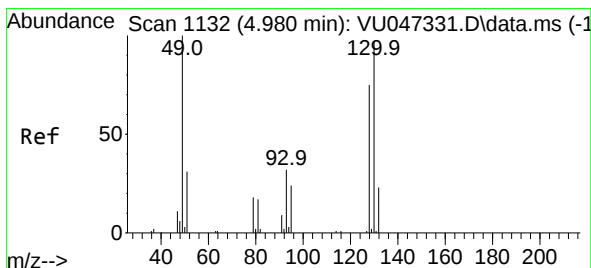
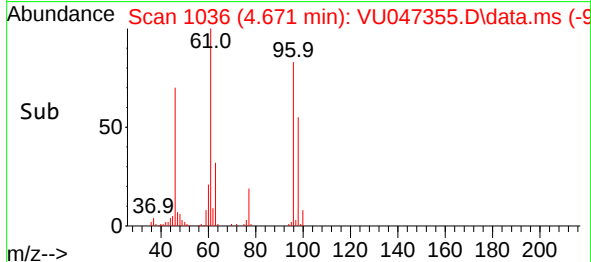
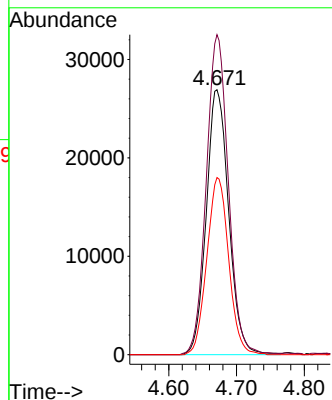
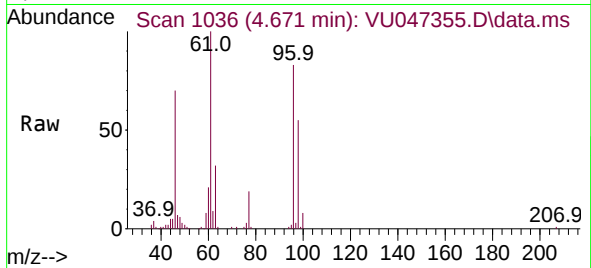




#22
 cis-1,2-Dichloroethene
 Concen: 5.836 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU047355.D
 Acq: 05 Mar 2022 01:22

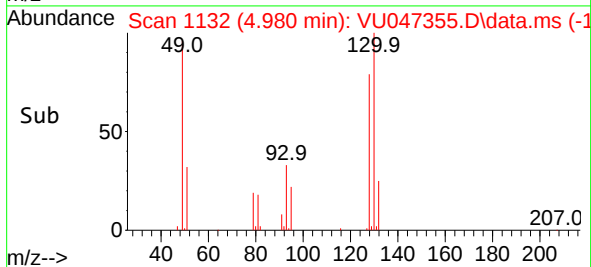
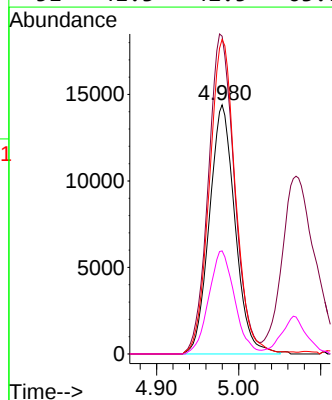
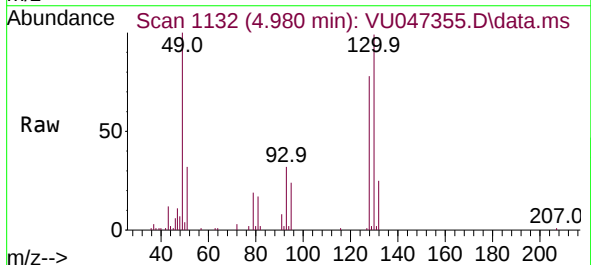
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005085

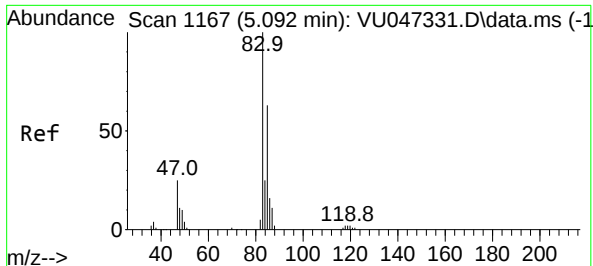
Tgt Ion: 96 Resp: 61917
 Ion Ratio Lower Upper
 96 100
 61 120.7 88.5 164.3
 98 66.8 44.4 82.5



#23
 Bromochloromethane
 Concen: 5.904 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VU047355.D
 Acq: 05 Mar 2022 01:22

Tgt Ion: 128 Resp: 31280
 Ion Ratio Lower Upper
 128 100
 49 127.5 117.0 217.2
 130 126.2 88.2 163.8
 51 41.3 42.5 63.7#





#25

Chloroform

Concen: 5.684 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047355.D

Acq: 05 Mar 2022 01:22

Instrument :

MSVOA_U

ClientSampleId :

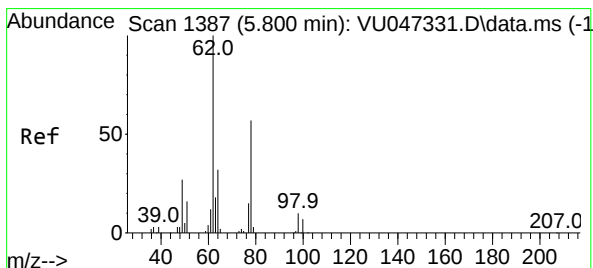
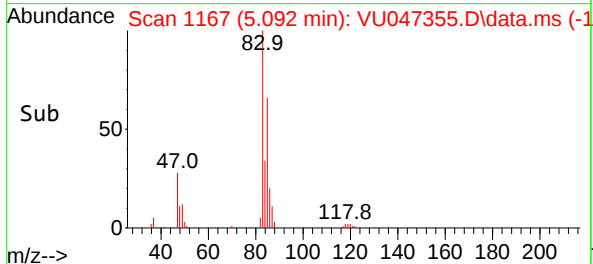
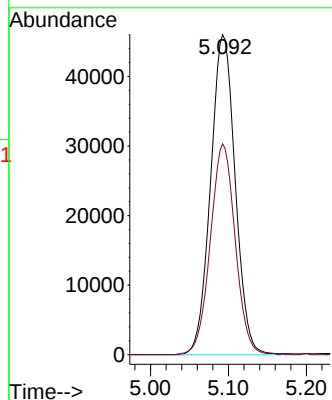
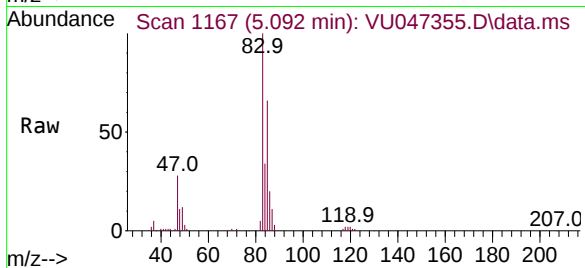
VSTD005085

Tgt Ion: 83 Resp: 100902

Ion Ratio Lower Upper

83 100

85 65.9 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.527 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU047355.D

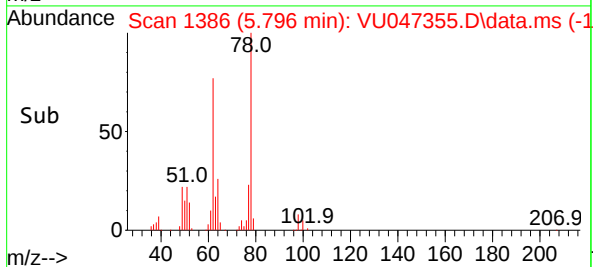
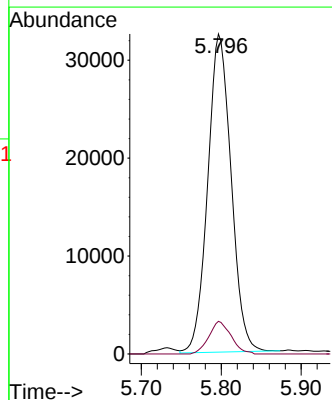
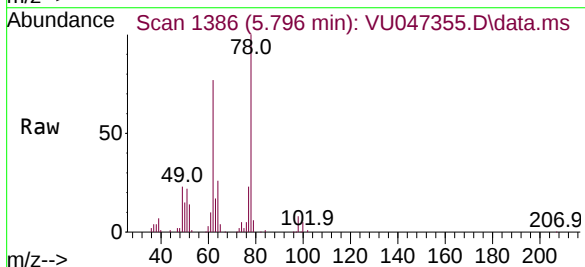
Acq: 05 Mar 2022 01:22

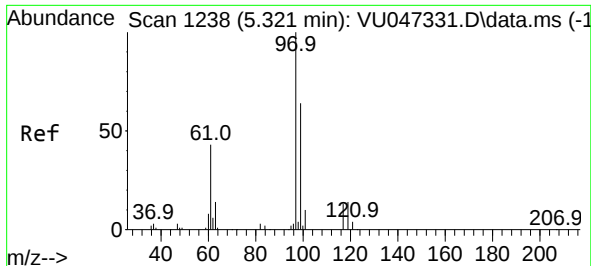
Tgt Ion: 62 Resp: 66087

Ion Ratio Lower Upper

62 100

98 10.2 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 6.033 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047355.D

Acq: 05 Mar 2022 01:22

Instrument :

MSVOA_U

ClientSampleId :

VSTD005085

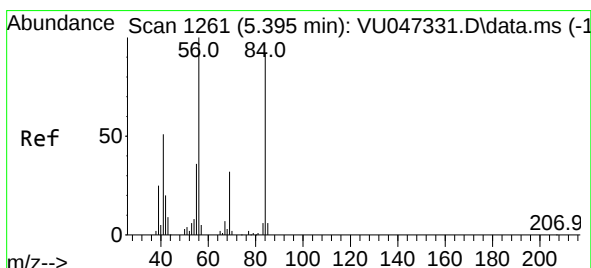
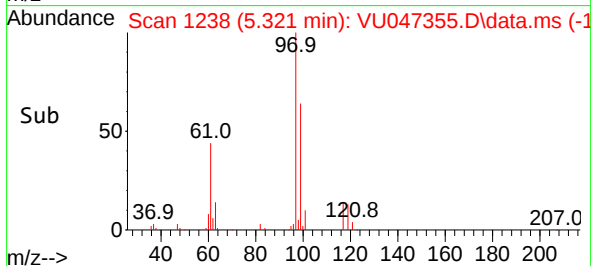
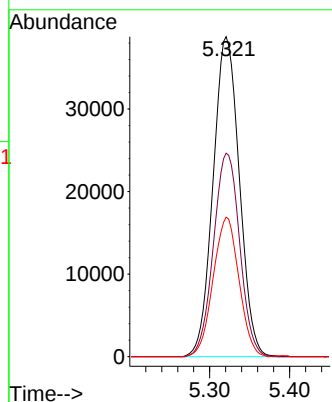
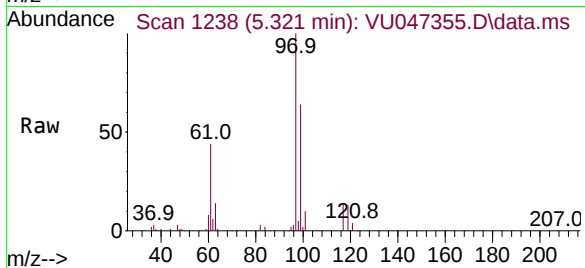
Tgt Ion: 97 Resp: 88354

Ion Ratio Lower Upper

97 100

99 63.6 51.3 76.9

61 42.9 36.1 54.1



#30

Cyclohexane

Concen: 5.945 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU047355.D

Acq: 05 Mar 2022 01:22

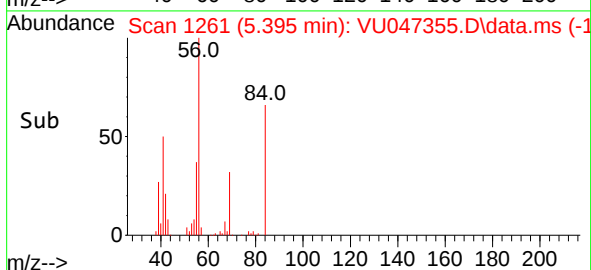
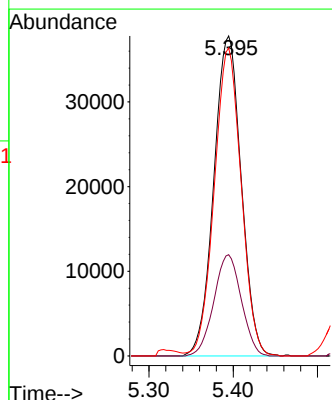
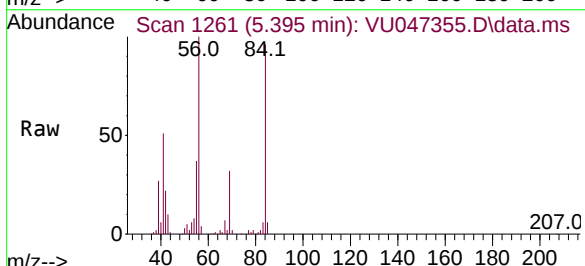
Tgt Ion: 56 Resp: 85193

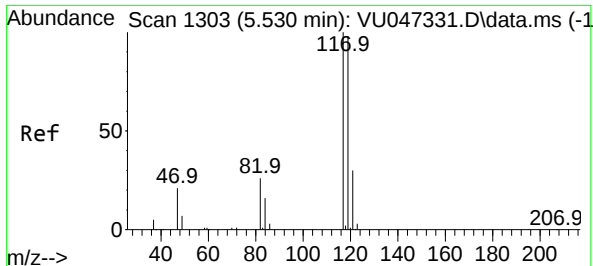
Ion Ratio Lower Upper

56 100

69 31.7 24.7 37.1

84 94.6 71.8 107.6

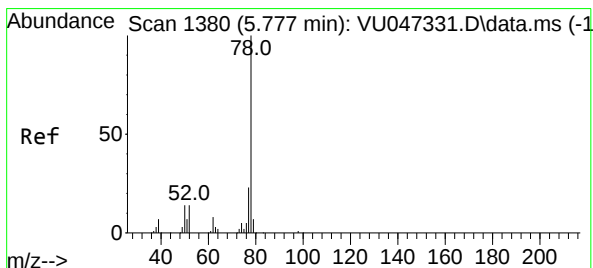
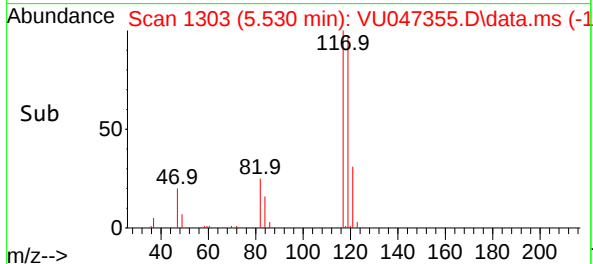
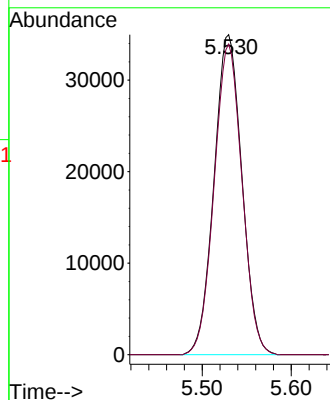
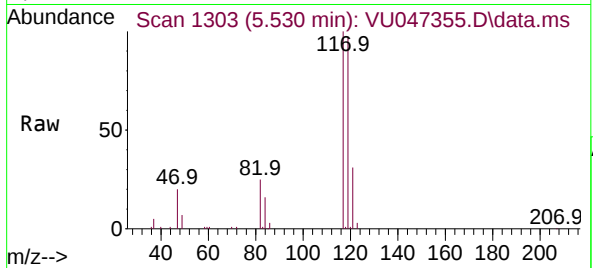




#31
Carbon tetrachloride
Concen: 6.014 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU047355.D
Acq: 05 Mar 2022 01:22

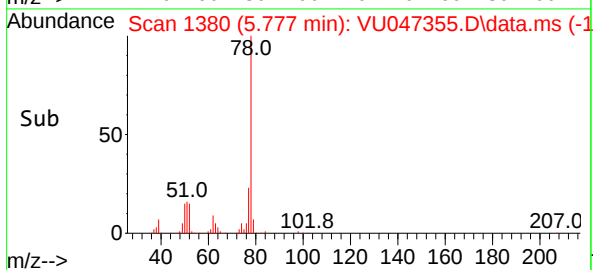
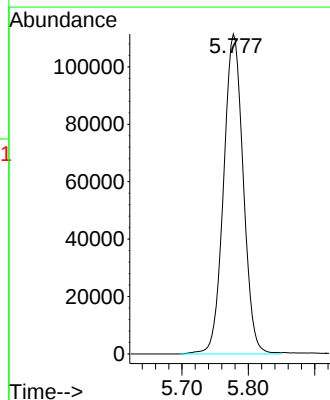
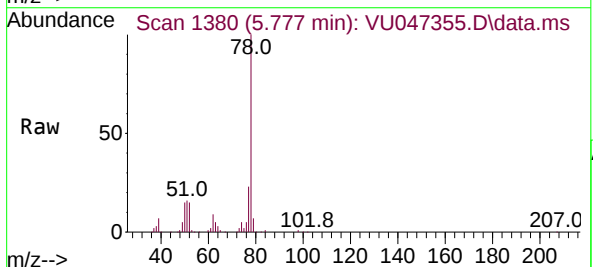
Instrument :
MSVOA_U
ClientSampleId :
VSTD005085

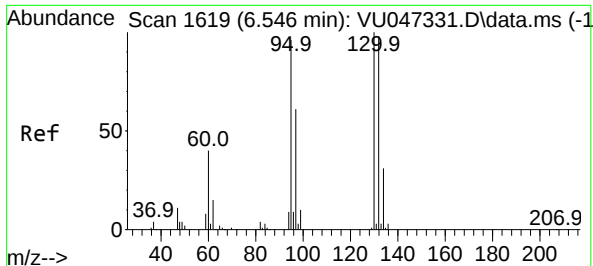
Tgt Ion:117 Resp: 76056
Ion Ratio Lower Upper
117 100
119 96.7 77.5 116.3



#33
Benzene
Concen: 5.837 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047355.D
Acq: 05 Mar 2022 01:22

Tgt Ion: 78 Resp: 229736





#34

Trichloroethene

Concen: 6.005 ug/L

RT: 6.546 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047355.D

Acq: 05 Mar 2022 01:22

Instrument :

MSVOA_U

ClientSampleId :

VSTD005085

Tgt Ion: 95 Resp: 62127

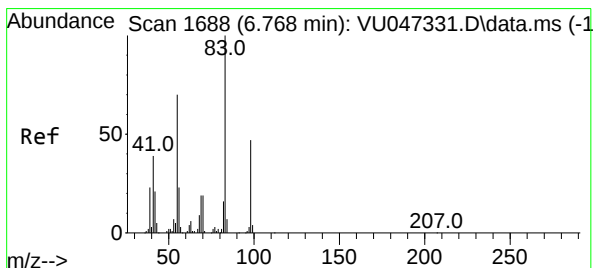
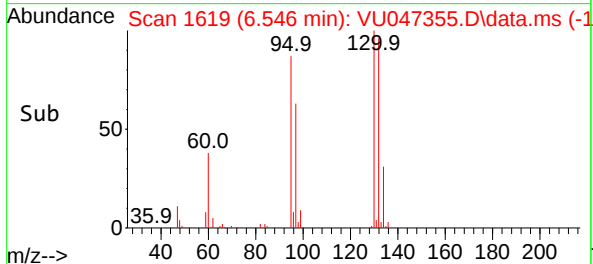
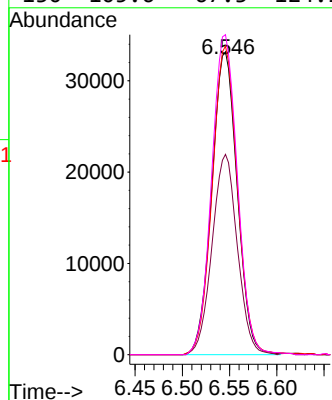
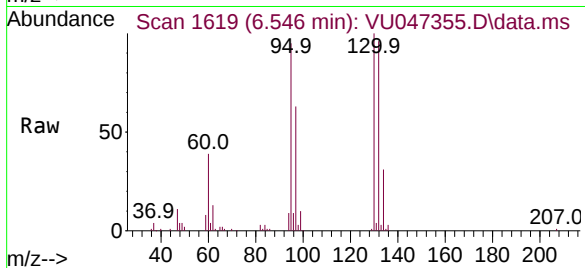
Ion Ratio Lower Upper

95 100

97 66.2 46.5 86.5

132 101.9 65.1 120.9

130 105.6 67.3 124.9



#35

Methylcyclohexane

Concen: 5.931 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. -0.003 min

Lab File: VU047355.D

Acq: 05 Mar 2022 01:22

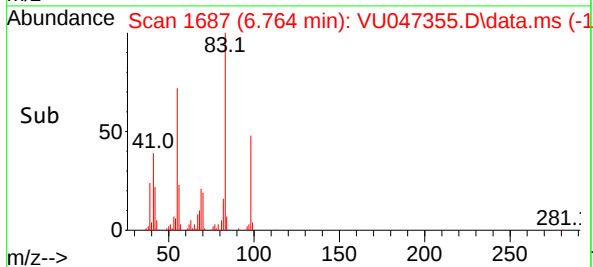
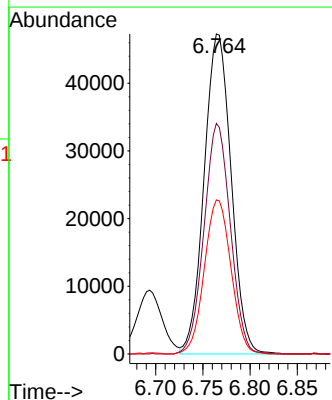
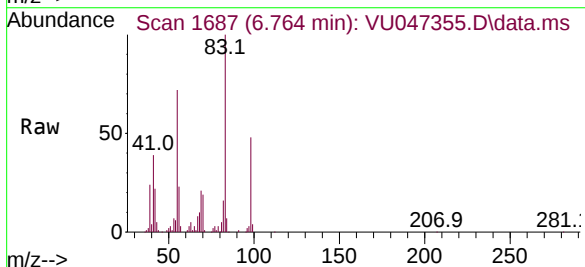
Tgt Ion: 83 Resp: 94079

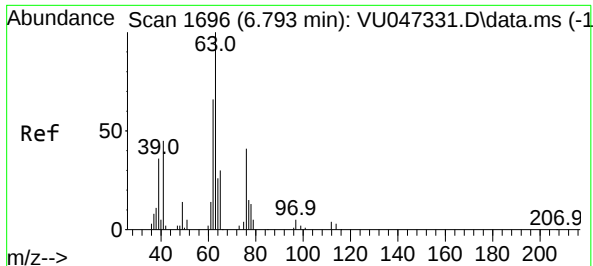
Ion Ratio Lower Upper

83 100

55 70.1 61.9 92.9

98 47.4 39.0 58.6

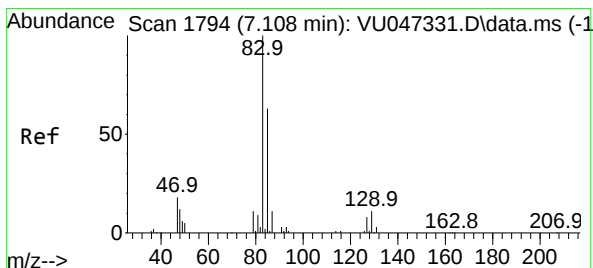
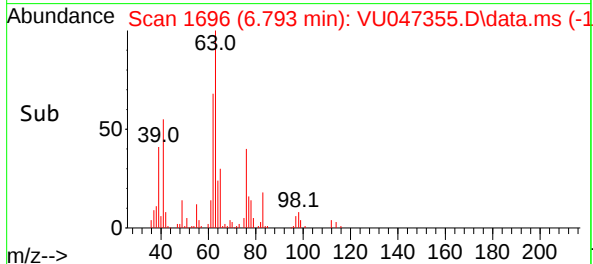
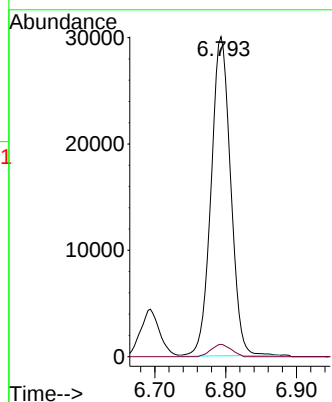
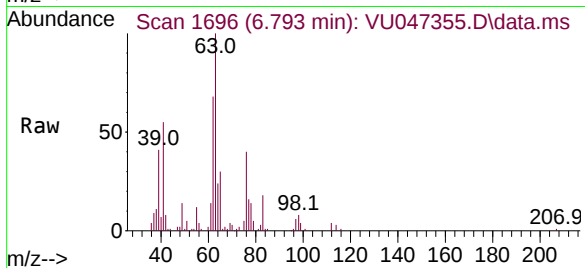




#37
1,2-Dichloropropane
Concen: 5.901 ug/L
RT: 6.793 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU047355.D
Acq: 05 Mar 2022 01:22

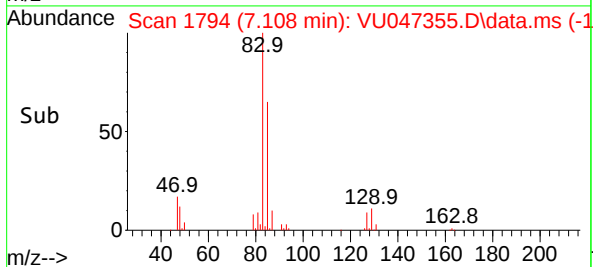
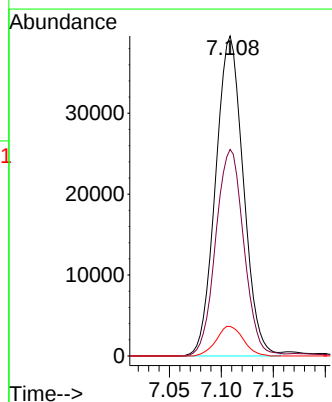
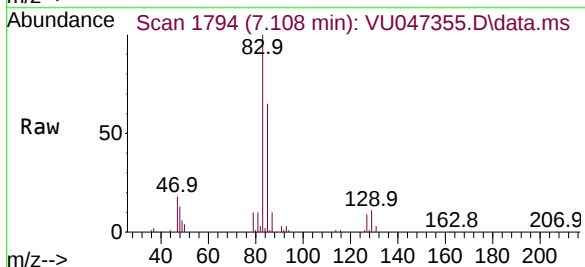
Instrument :
MSVOA_U
ClientSampleId :
VSTD005085

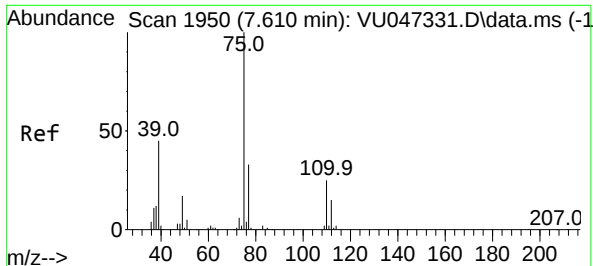
Tgt Ion: 63 Resp: 57603
Ion Ratio Lower Upper
63 100
112 3.9 3.2 4.8



#38
Bromodichloromethane
Concen: 5.744 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU047355.D
Acq: 05 Mar 2022 01:22

Tgt Ion: 83 Resp: 73580
Ion Ratio Lower Upper
83 100
85 64.5 44.0 81.8
127 9.3 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.665 ug/L

RT: 7.607 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VU047355.D

Acq: 05 Mar 2022 01:22

Instrument :

MSVOA_U

ClientSampleId :

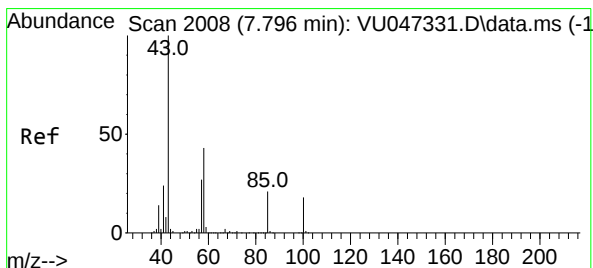
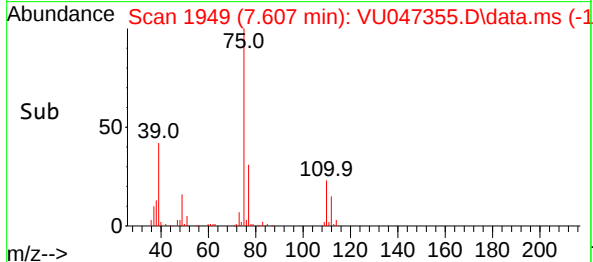
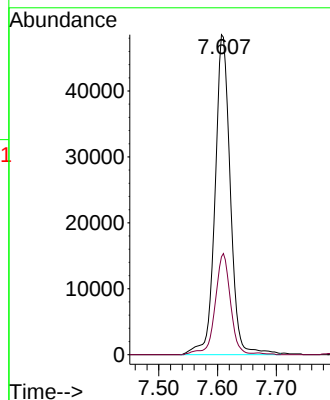
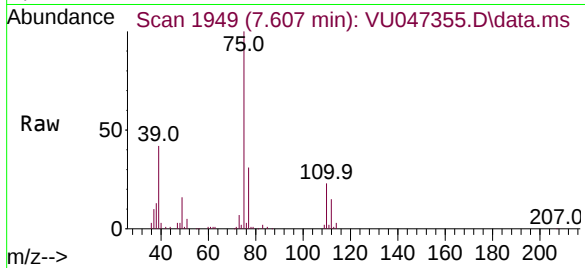
VSTD005085

Tgt Ion: 75 Resp: 87794

Ion Ratio Lower Upper

75 100

77 30.6 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 55.754 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU047355.D

Acq: 05 Mar 2022 01:22

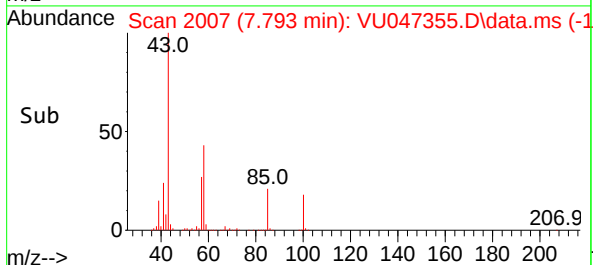
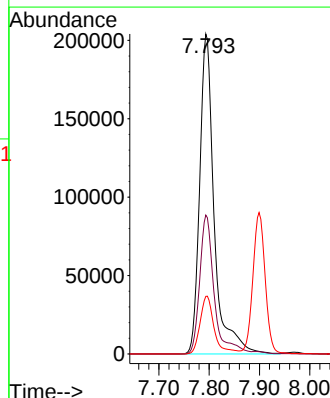
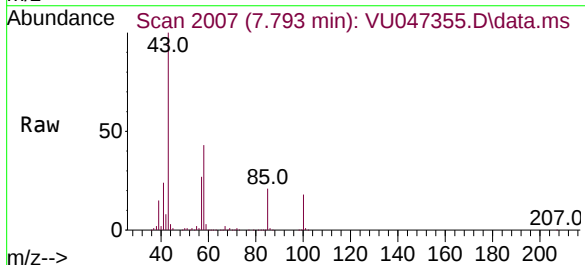
Tgt Ion: 43 Resp: 410516

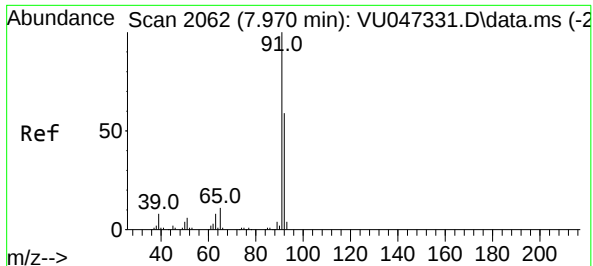
Ion Ratio Lower Upper

43 100

58 43.2 33.1 49.7

100 17.6 13.2 19.8

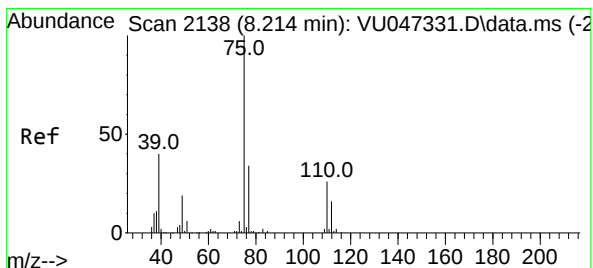
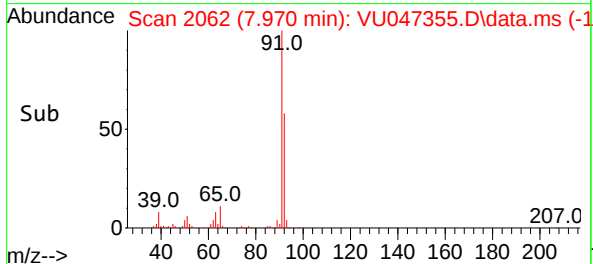
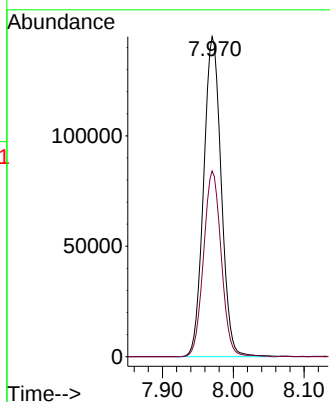
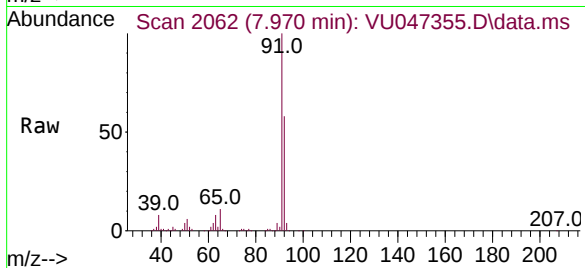




#42
Toluene
Concen: 5.857 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU047355.D
Acq: 05 Mar 2022 01:22

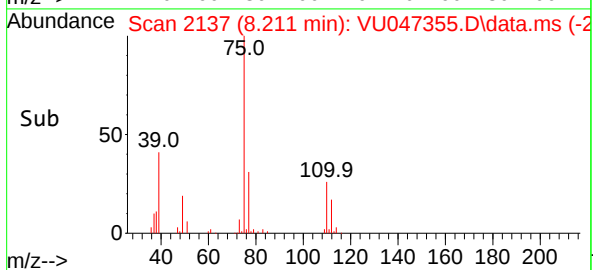
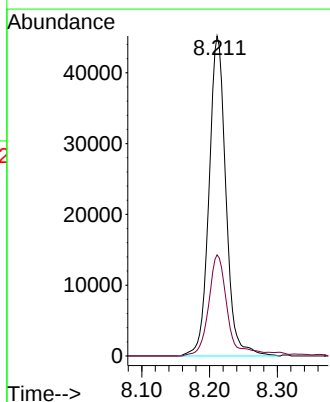
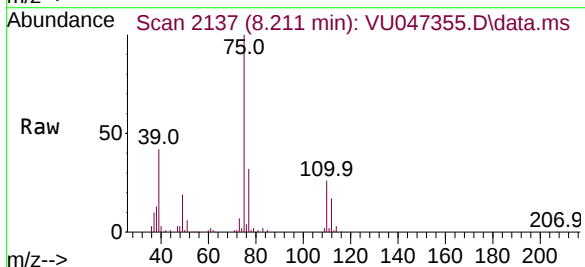
Instrument :
MSVOA_U
ClientSampleId :
VSTD005085

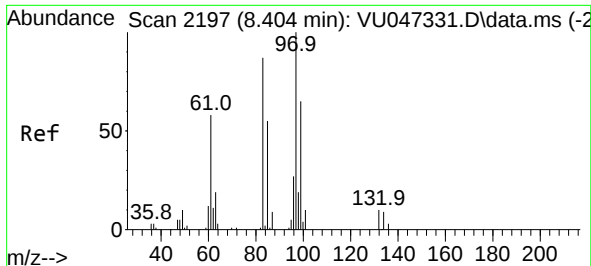
Tgt Ion: 91 Resp: 249882
Ion Ratio Lower Upper
91 100
92 58.1 41.3 76.7



#44
trans-1,3-Dichloropropene
Concen: 5.694 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VU047355.D
Acq: 05 Mar 2022 01:22

Tgt Ion: 75 Resp: 78197
Ion Ratio Lower Upper
75 100
77 31.6 22.7 42.3

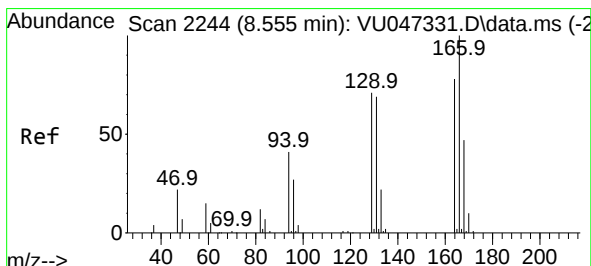
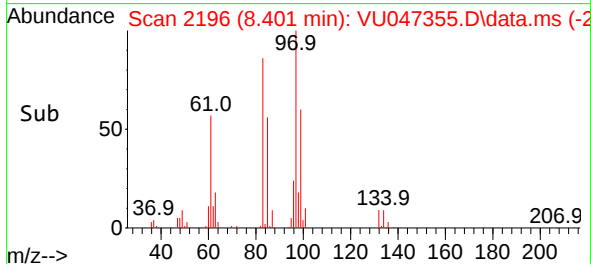
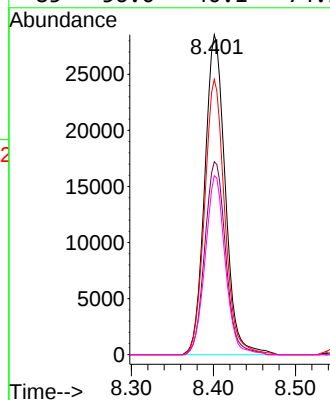
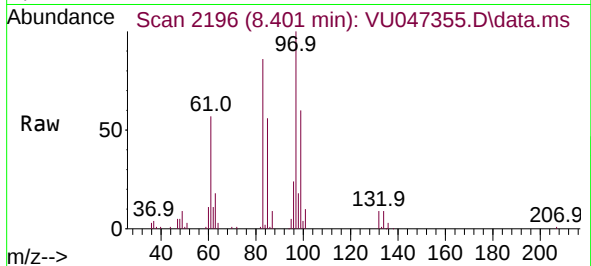




#45
1,1,2-Trichloroethane
Concen: 5.876 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU047355.D
Acq: 05 Mar 2022 01:22

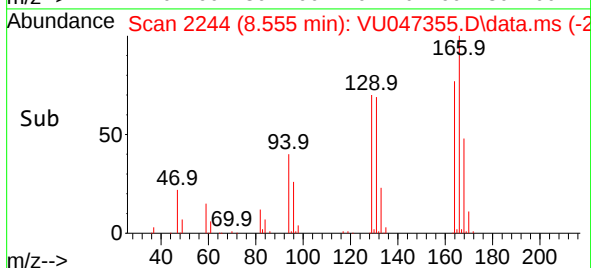
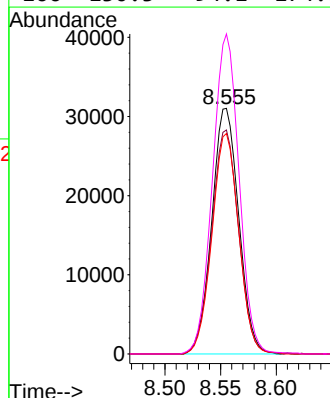
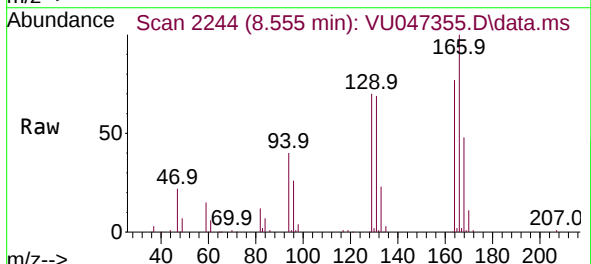
Instrument :
MSVOA_U
ClientSampleId :
VSTD005085

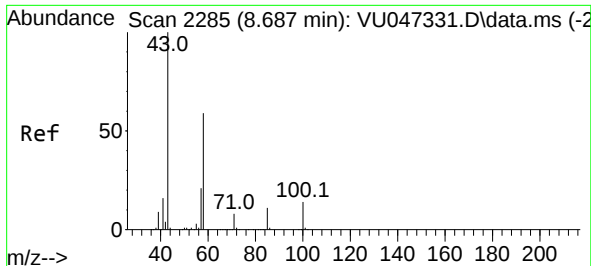
Tgt Ion:	97	Resp:	49600
Ion	Ratio	Lower	Upper
97	100		
99	60.3	42.3	78.5
83	86.1	62.0	115.2
85	56.0	40.1	74.5



#47
Tetrachloroethene
Concen: 5.935 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047355.D
Acq: 05 Mar 2022 01:22

Tgt Ion:	164	Resp:	52307
Ion	Ratio	Lower	Upper
164	100		
129	91.2	71.8	133.4
131	89.8	68.5	127.3
166	130.3	94.1	174.8



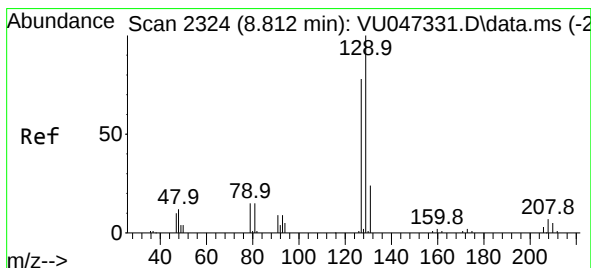
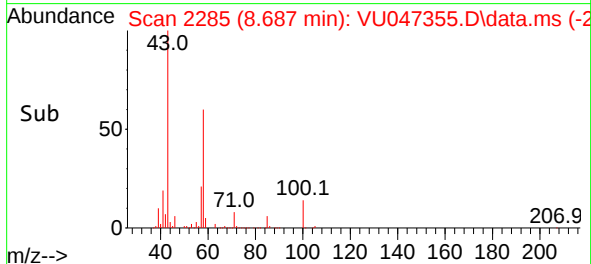
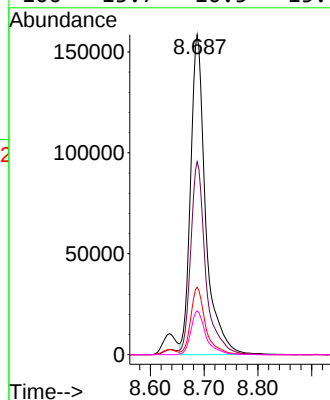
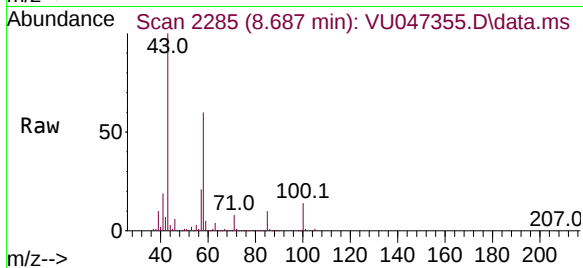


#48
2-Hexanone
Concen: 56.089 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047355.D
Acq: 05 Mar 2022 01:22

Instrument :
MSVOA_U
ClientSampleId :
VSTD005085

Tgt Ion: 43 Resp: 308030

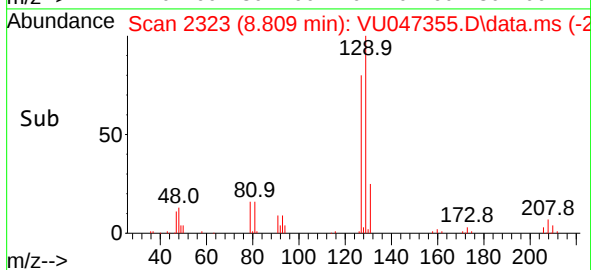
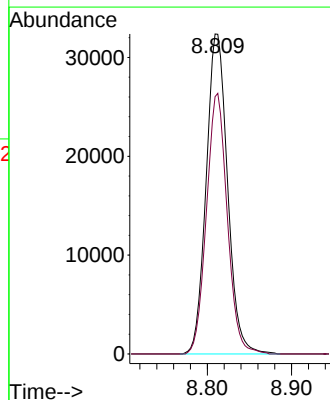
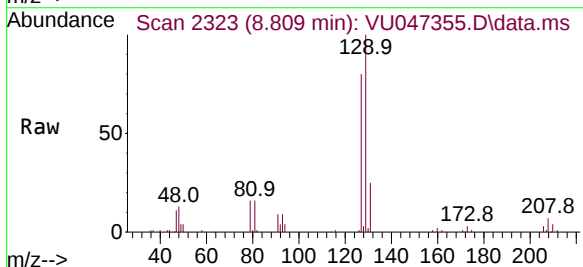
Ion	Ratio	Lower	Upper
43	100		
58	60.0	46.7	70.1
57	20.7	16.3	24.5
100	13.7	10.5	15.7

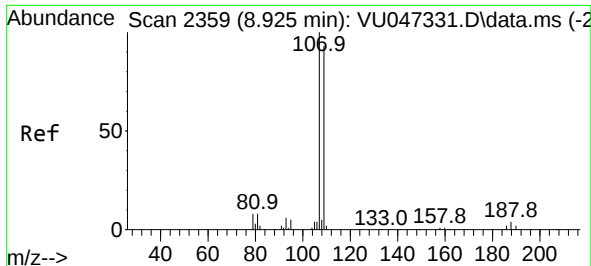


#49
Dibromochloromethane
Concen: 5.756 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU047355.D
Acq: 05 Mar 2022 01:22

Tgt Ion: 129 Resp: 57181

Ion	Ratio	Lower	Upper
129	100		
127	80.4	55.4	102.8

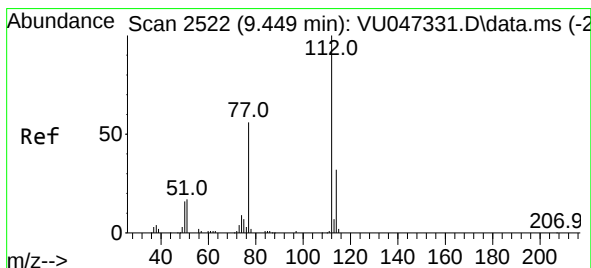
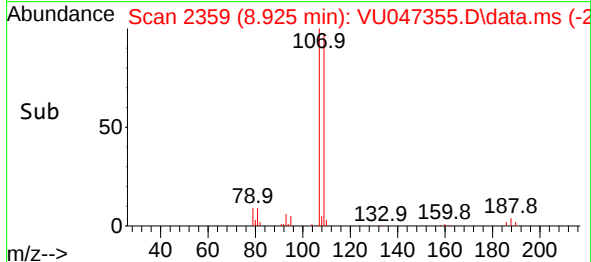
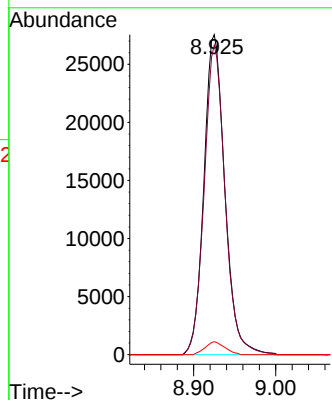
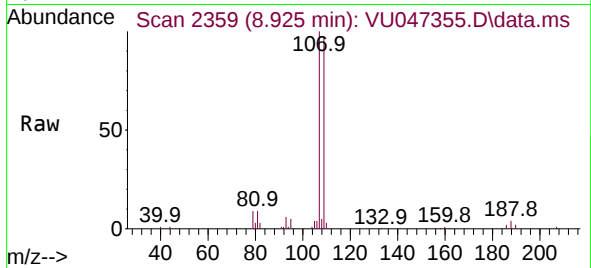




#50
1,2-Dibromoethane
Concen: 5.677 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047355.D
Acq: 05 Mar 2022 01:22

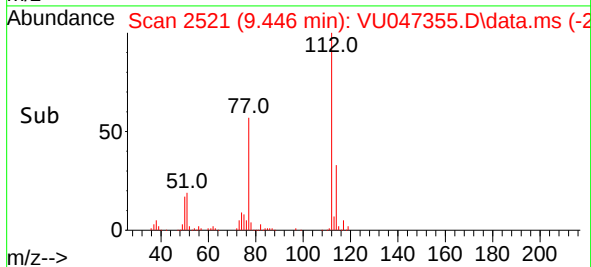
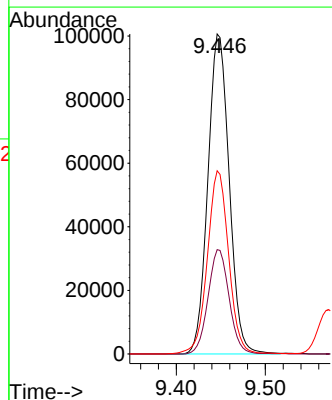
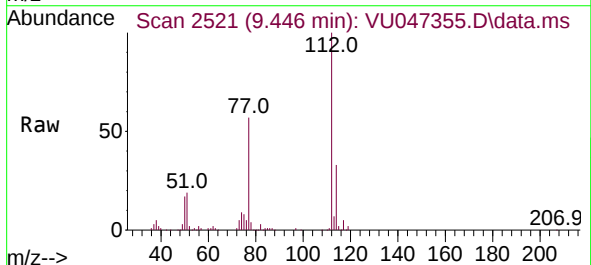
Instrument :
MSVOA_U
ClientSampleId :
VSTD005085

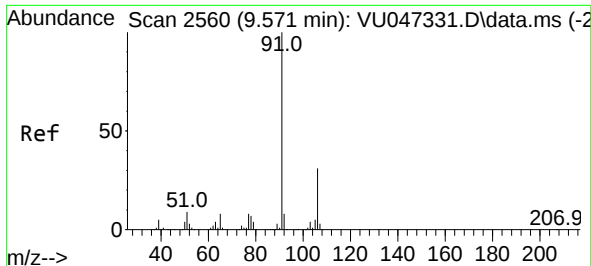
Tgt Ion:107 Resp: 48949
Ion Ratio Lower Upper
107 100
109 96.7 64.0 119.0
188 4.0 2.4 3.6#



#51
Chlorobenzene
Concen: 5.814 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU047355.D
Acq: 05 Mar 2022 01:22

Tgt Ion:112 Resp: 167040
Ion Ratio Lower Upper
112 100
114 32.6 22.1 41.1
77 57.2 48.3 72.5

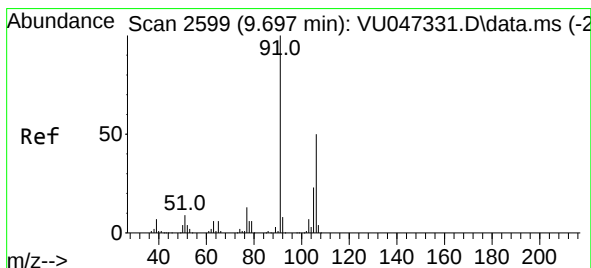
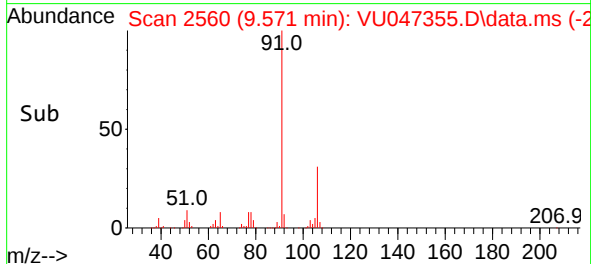
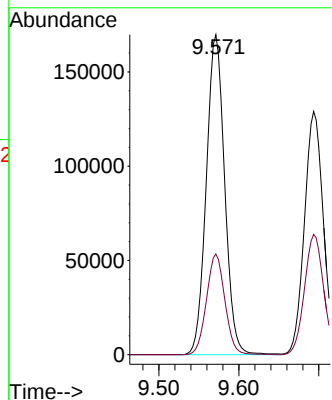
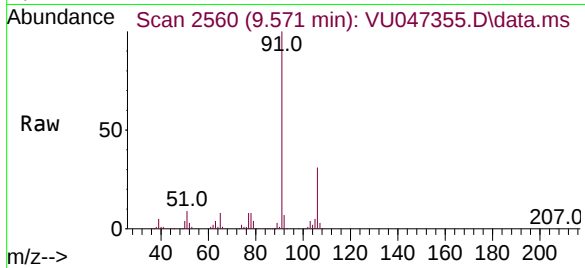




#52
Ethylbenzene
Concen: 5.947 ug/L
RT: 9.571 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047355.D
Acq: 05 Mar 2022 01:22

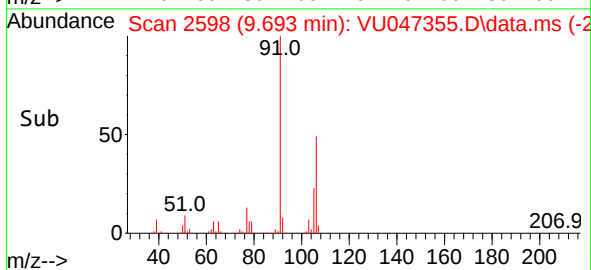
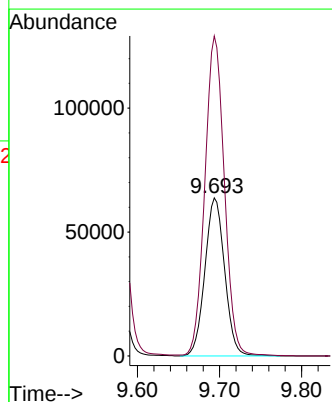
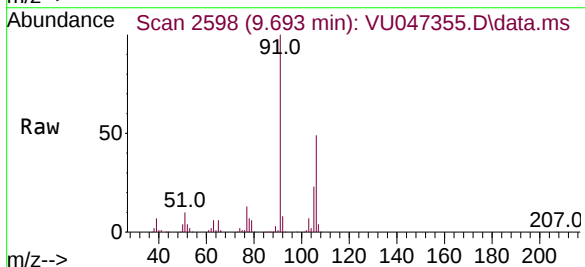
Instrument :
MSVOA_U
ClientSampleId :
VSTD005085

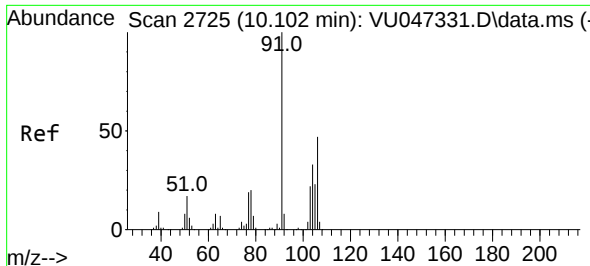
Tgt Ion: 91 Resp: 271405
Ion Ratio Lower Upper
91 100
106 31.5 21.5 39.9



#53
m,p-Xylene
Concen: 5.877 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU047355.D
Acq: 05 Mar 2022 01:22

Tgt Ion:106 Resp: 106584
Ion Ratio Lower Upper
106 100
91 202.4 139.4 259.0

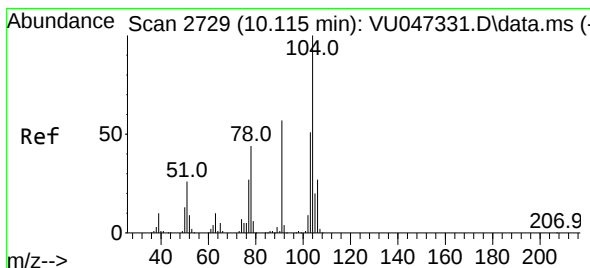
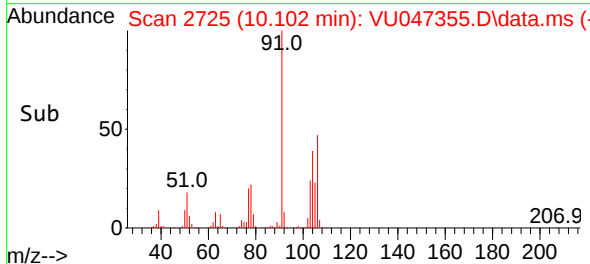
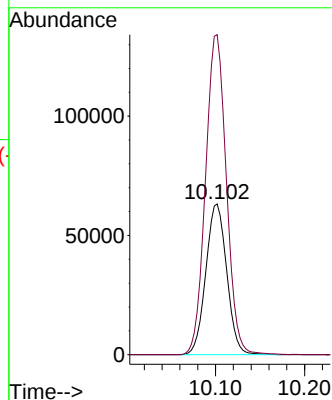
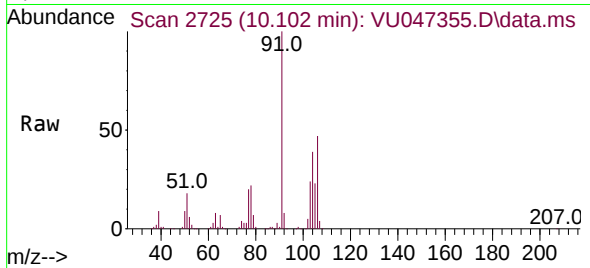




#54
o-Xylene
Concen: 5.889 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047355.D
Acq: 05 Mar 2022 01:22

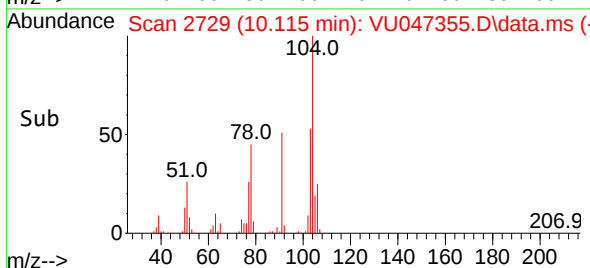
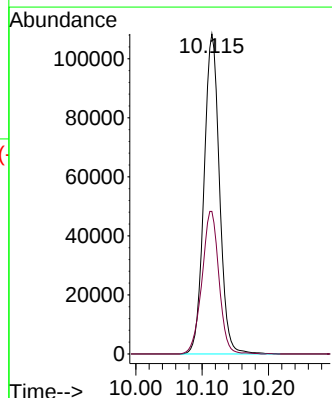
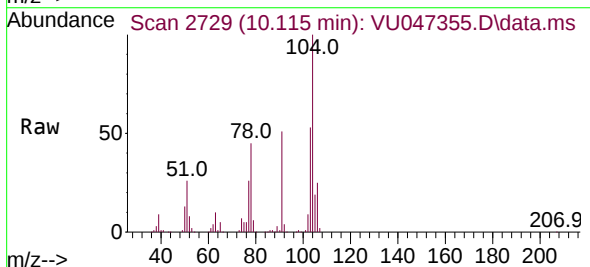
Instrument :
MSVOA_U
ClientSampleId :
VSTD005085

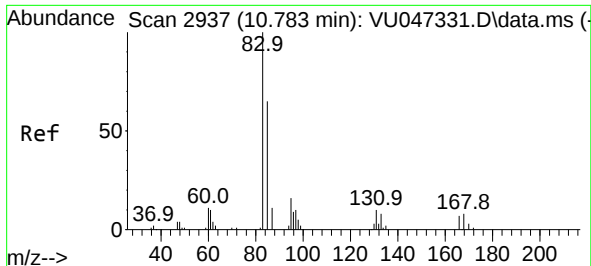
Tgt Ion:106 Resp: 102999
Ion Ratio Lower Upper
106 100
91 212.2 147.5 273.9



#55
Styrene
Concen: 5.927 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047355.D
Acq: 05 Mar 2022 01:22

Tgt Ion:104 Resp: 175763
Ion Ratio Lower Upper
104 100
78 44.5 33.0 61.4

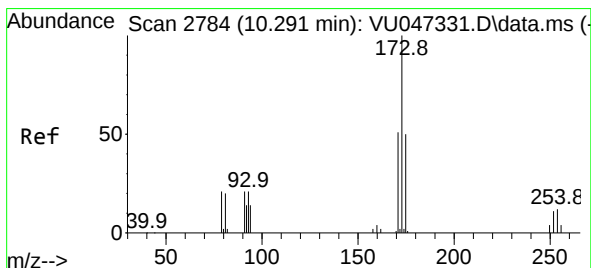
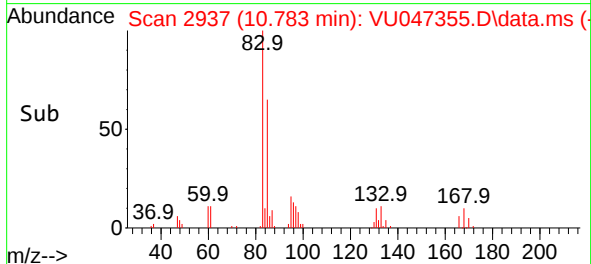
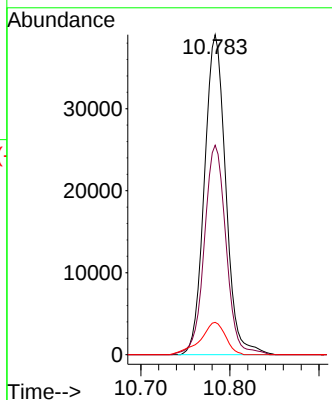
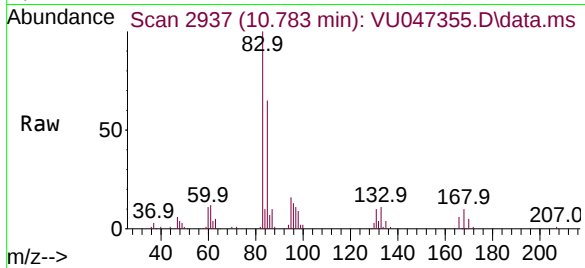




#57
1,1,2,2-Tetrachloroethane
Concen: 5.557 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047355.D
Acq: 05 Mar 2022 01:22

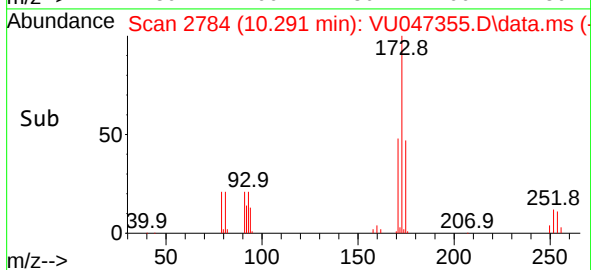
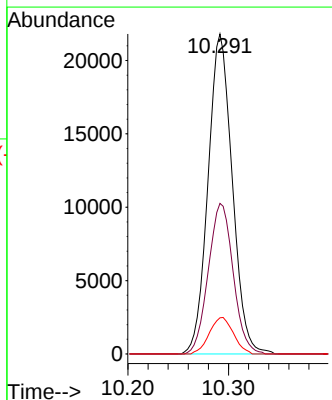
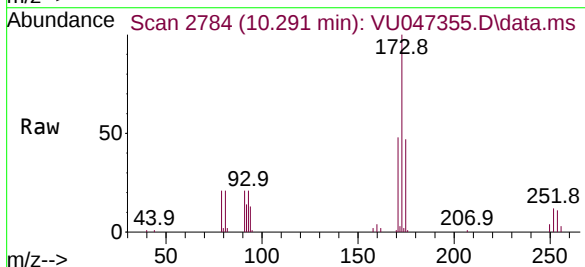
Instrument :
MSVOA_U
ClientSampleId :
VSTD005085

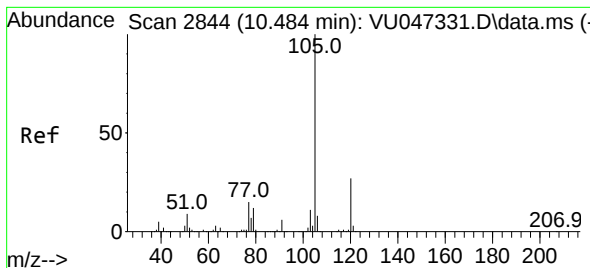
Tgt Ion: 83 Resp: 64930
Ion Ratio Lower Upper
83 100
85 65.4 47.9 89.1
131 10.1 8.1 12.1



#59
Bromoform
Concen: 5.748 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU047355.D
Acq: 05 Mar 2022 01:22

Tgt Ion: 173 Resp: 36497
Ion Ratio Lower Upper
173 100
175 48.2 37.8 56.6
254 11.3 7.3 10.9#





#60

Isopropylbenzene

Concen: 6.136 ug/L

RT: 10.484 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047355.D

Acq: 05 Mar 2022 01:22

Instrument :

MSVOA_U

ClientSampleId :

VSTD005085

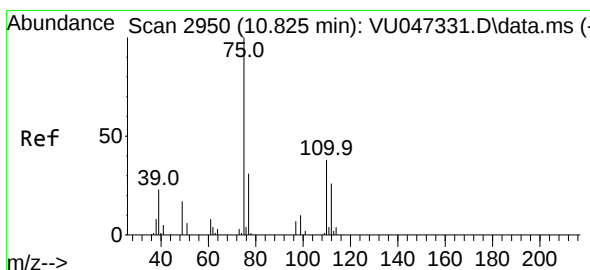
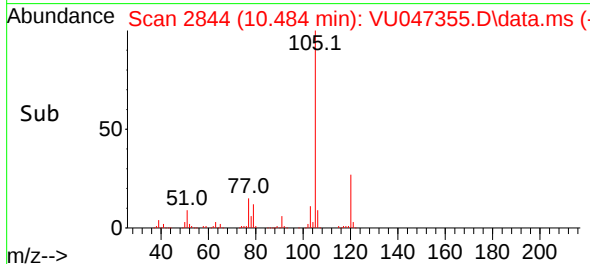
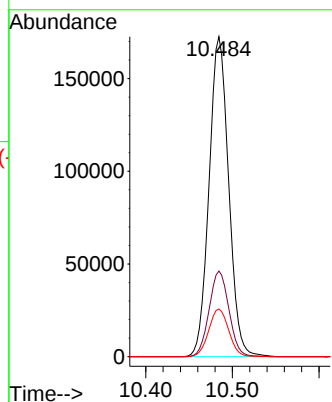
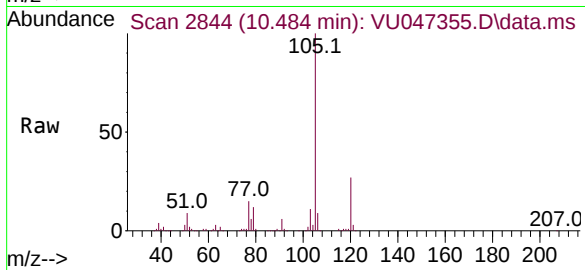
Tgt Ion:105 Resp: 270965

Ion Ratio Lower Upper

105 100

120 27.1 20.7 31.1

77 15.2 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 5.722 ug/L

RT: 10.822 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU047355.D

Acq: 05 Mar 2022 01:22

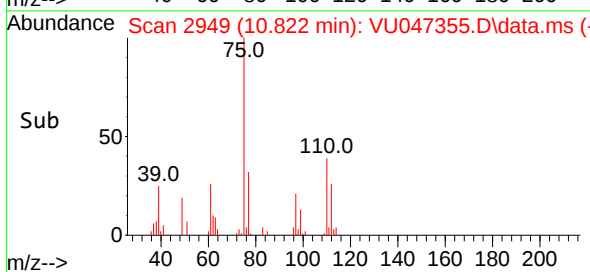
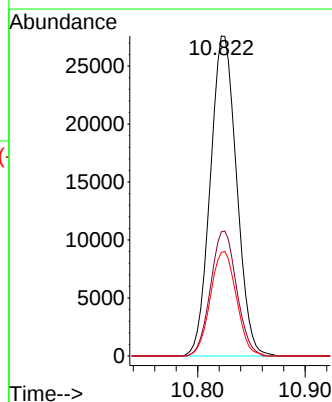
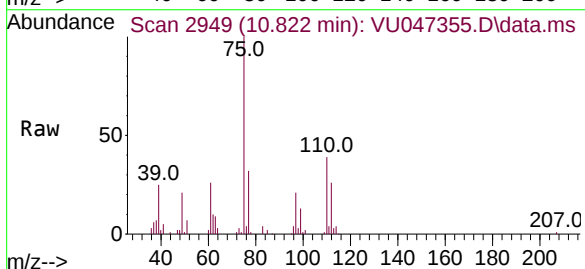
Tgt Ion: 75 Resp: 46763

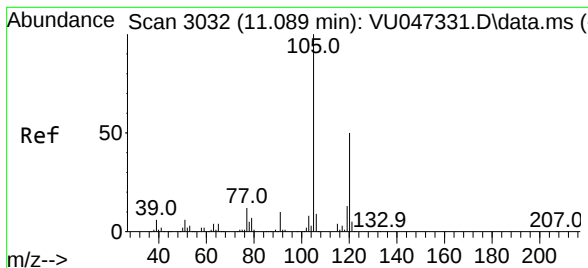
Ion Ratio Lower Upper

75 100

110 38.7 29.9 44.9

77 32.4 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 6.056 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU047355.D

Acq: 05 Mar 2022 01:22

Instrument :

MSVOA_U

ClientSampleId :

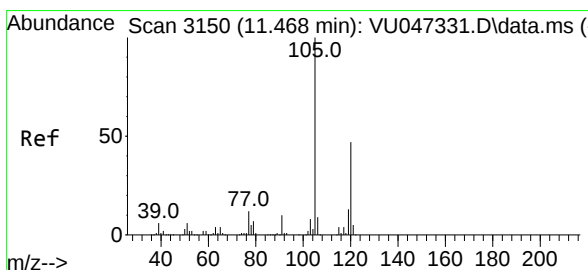
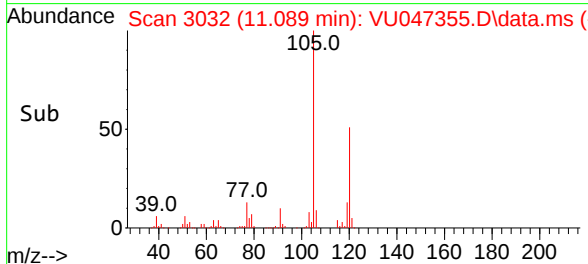
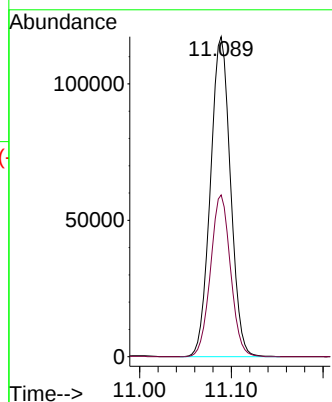
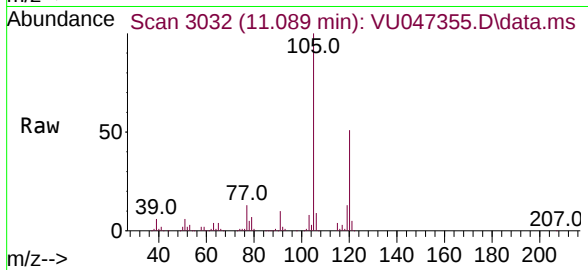
VSTD005085

Tgt Ion:105 Resp: 178486

Ion Ratio Lower Upper

105 100

120 50.4 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 6.099 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU047355.D

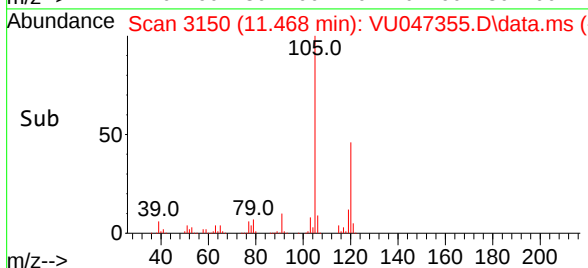
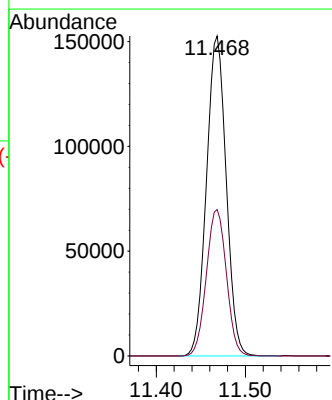
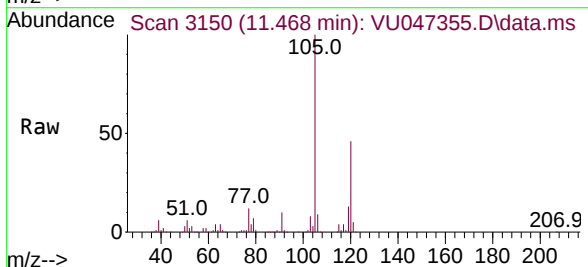
Acq: 05 Mar 2022 01:22

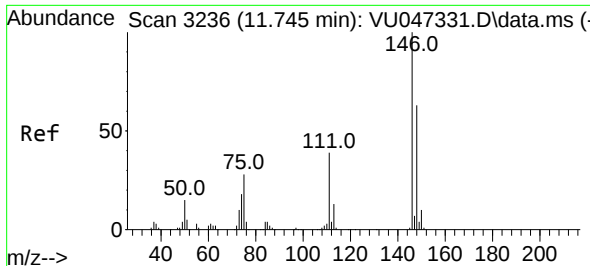
Tgt Ion:105 Resp: 234111

Ion Ratio Lower Upper

105 100

120 46.5 35.8 53.8

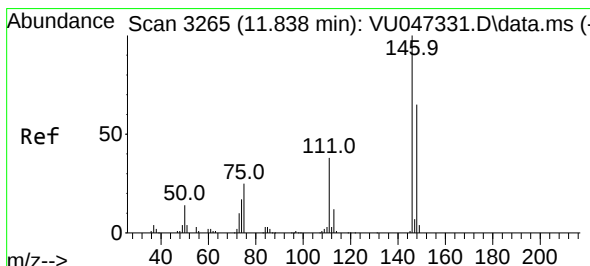
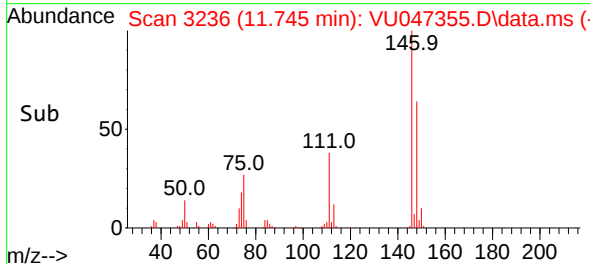
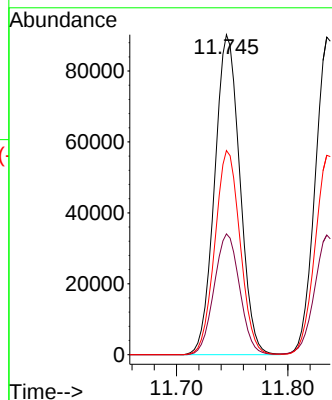
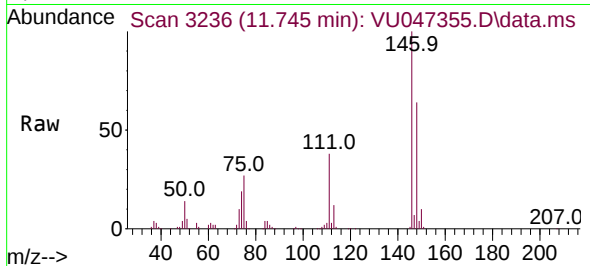




#64
1,3-Dichlorobenzene
Concen: 6.000 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047355.D
Acq: 05 Mar 2022 01:22

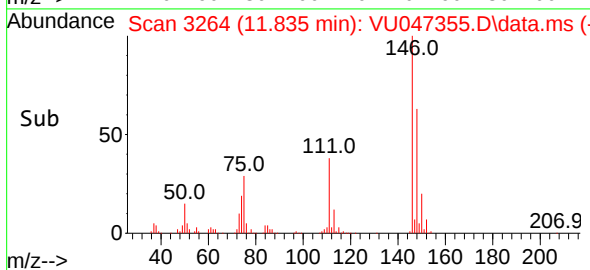
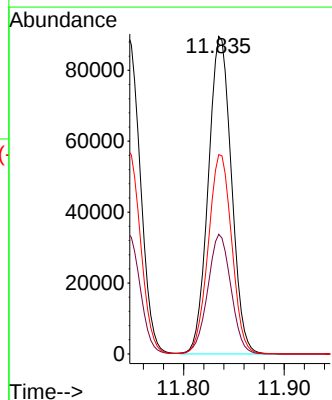
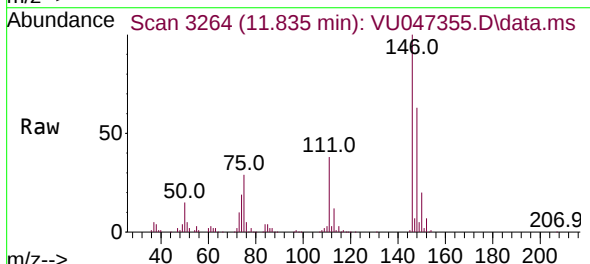
Instrument :
MSVOA_U
ClientSampleId :
VSTD005085

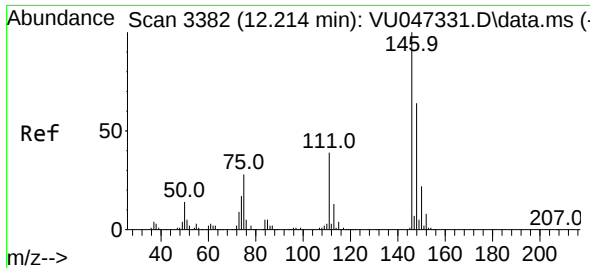
Tgt Ion:146 Resp: 141757
Ion Ratio Lower Upper
146 100
111 37.7 29.9 55.5
148 63.8 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.913 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU047355.D
Acq: 05 Mar 2022 01:22

Tgt Ion:146 Resp: 143119
Ion Ratio Lower Upper
146 100
111 37.7 28.7 53.3
148 62.7 45.8 85.0

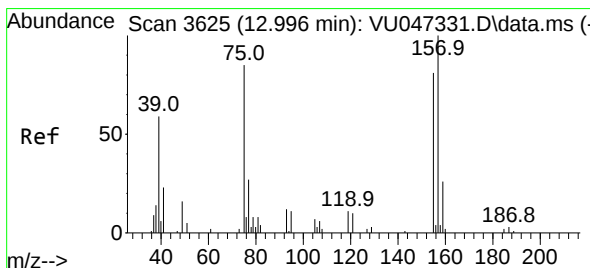
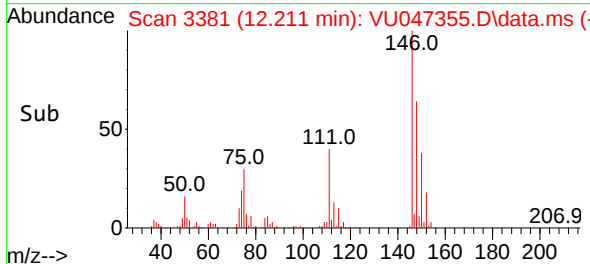
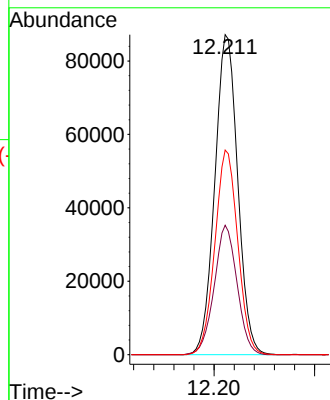
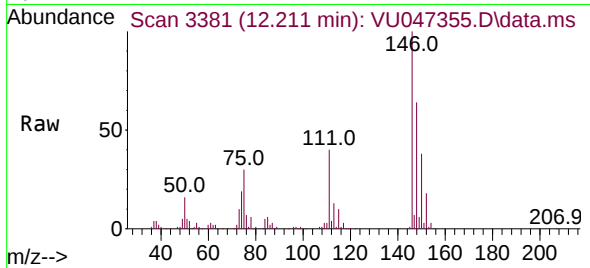




#67
1,2-Dichlorobenzene
Concen: 5.905 ug/L
RT: 12.211 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU047355.D
Acq: 05 Mar 2022 01:22

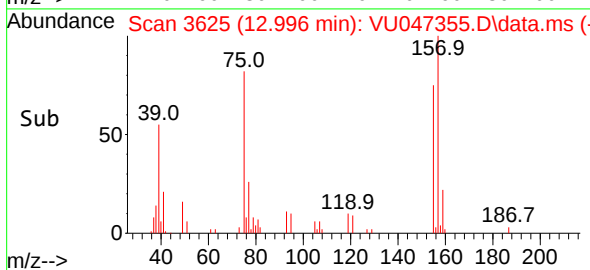
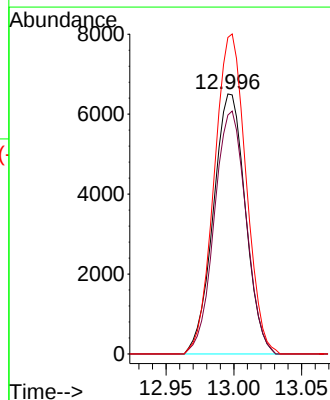
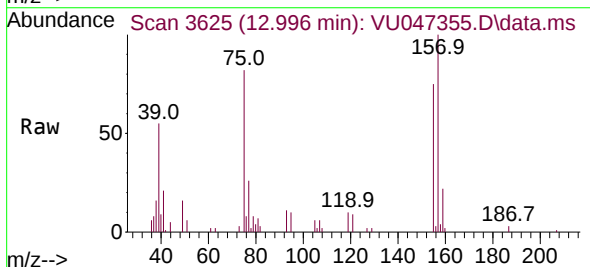
Instrument :
MSVOA_U
ClientSampleId :
VSTD005085

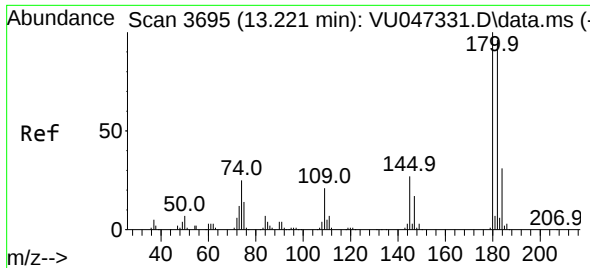
Tgt Ion:146 Resp: 137958
Ion Ratio Lower Upper
146 100
111 40.4 35.4 53.0
148 64.0 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.731 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU047355.D
Acq: 05 Mar 2022 01:22

Tgt Ion: 75 Resp: 10700
Ion Ratio Lower Upper
75 100
155 91.9 59.2 88.8#
157 121.7 76.5 114.7#



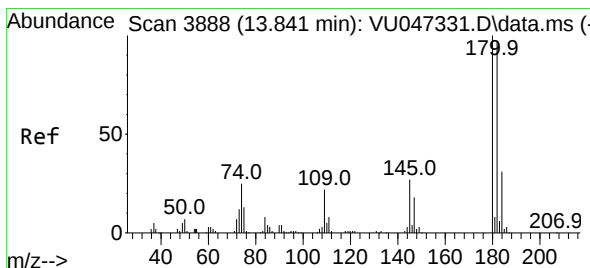
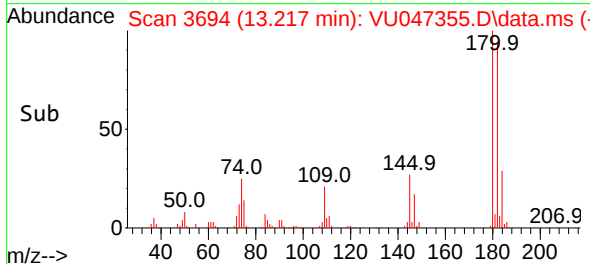
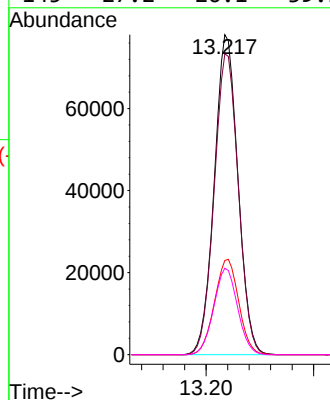
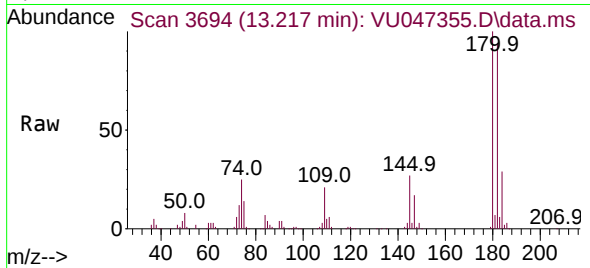


#69
 1,3,5-Trichlorobenzene
 Concen: 6.054 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU047355.D
 Acq: 05 Mar 2022 01:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005085

Tgt Ion:180 Resp: 119251

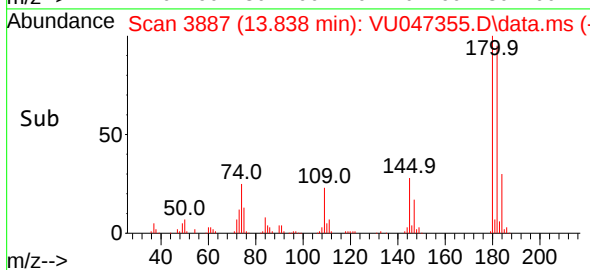
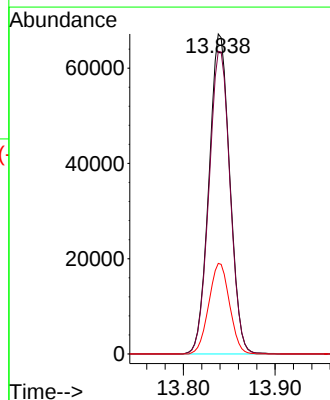
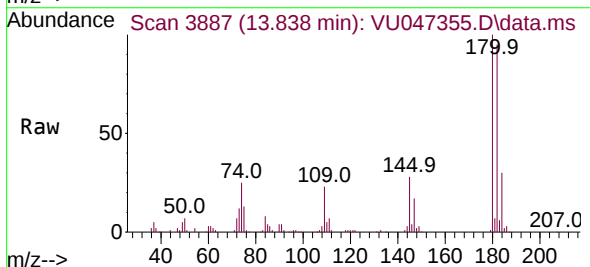
Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.1	114.1
184	30.5	25.0	37.4
145	27.2	26.1	39.1

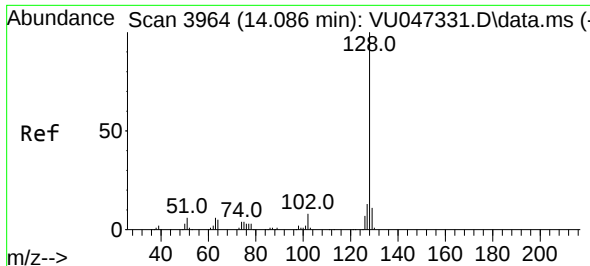


#70
 1,2,4-trichlorobenzene
 Concen: 5.929 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.003 min
 Lab File: VU047355.D
 Acq: 05 Mar 2022 01:22

Tgt Ion:180 Resp: 106135

Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.4	114.6
145	28.2	25.6	38.4

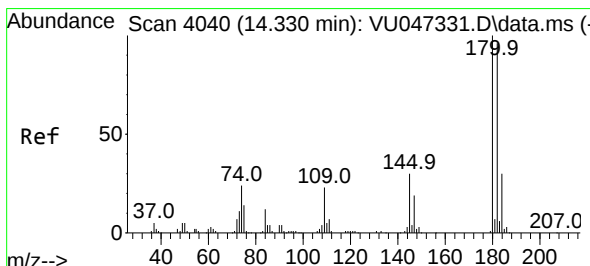
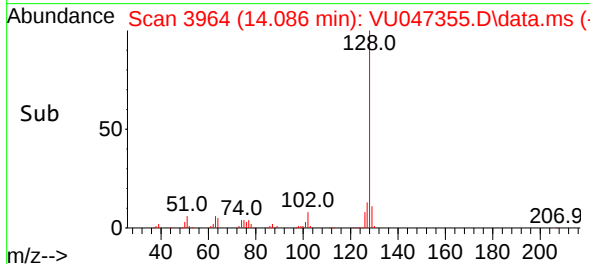
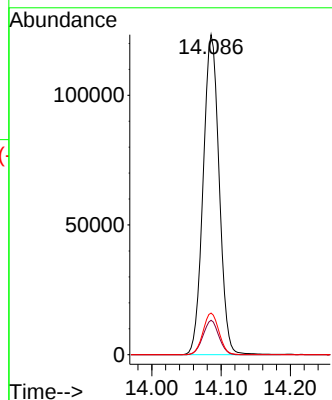
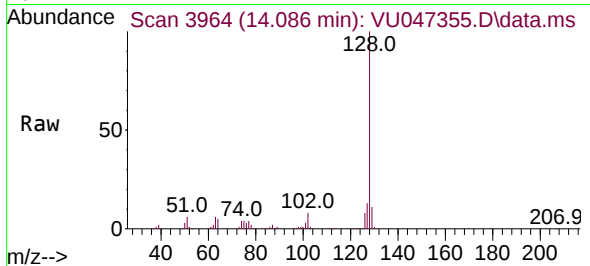




#71
Naphthalene
Concen: 5.532 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU047355.D
Acq: 05 Mar 2022 01:22

Instrument :
MSVOA_U
ClientSampleId :
VSTD005085

Tgt Ion:128 Resp: 197437
Ion Ratio Lower Upper
128 100
129 10.6 8.4 12.6
127 12.9 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.931 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047355.D
Acq: 05 Mar 2022 01:22

Tgt Ion:180 Resp: 98839
Ion Ratio Lower Upper
180 100
182 96.3 76.2 114.4
145 29.8 28.4 42.6

