

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U031422\
 Data File : U047563.D
 Acq On : 15 Mar 2022 02:22
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005101

Quant Time: Mar 15 06:18:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 15 05:45:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	135332	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	134573	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	75853	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	41452	4.684	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.600%
7) Chloroethane-d5	1.919	69	39217	4.882	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.572	65	18641	4.491	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.800%
20) 2-Butanone-d5	4.639	46	153267	60.185	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.360%
24) Chloroform-d	5.067	84	96867	4.984	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.707	65	52935	5.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.729	84	184571	4.712	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.694	67	59916	4.863	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.900	98	168104	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	8.183	79	24167	4.666	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.636	63	138326	51.522	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.040%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	60832	4.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	72872	4.597	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.389	85	46079	5.534	ug/L	98
3) Chloromethane	1.524	50	40769	4.992	ug/L	97
5) Vinyl chloride	1.607	62	44708	5.309	ug/L	99
6) Bromomethane	1.861	94	16486	4.161	ug/L	94
8) Chloroethane	1.939	64	28571	5.614	ug/L	99
9) Trichlorofluoromethane	2.144	101	61873	5.604	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	39306	5.639	ug/L	99
12) 1,1-Dichloroethene	2.585	96	36497	5.413	ug/L	92
13) Acetone	2.659	43	64748	65.208	ug/L	95
14) Carbon disulfide	2.800	76	105695	5.211	ug/L	98
15) Methyl Acetate	2.964	43	14176	5.172	ug/L	94
16) Methylene chloride	3.051	84	47687	4.795	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	92902	5.370	ug/L	99
18) trans-1,2-Dichloroethene	3.360	96	38808	5.355	ug/L	97
19) 1,1-Dichloroethane	3.877	63	69747	5.471	ug/L	98
21) 2-Butanone	4.723	43	110295	58.383	ug/L	99
22) cis-1,2-Dichloroethene	4.672	96	43620	5.424	ug/L	99
23) Bromochloromethane	4.980	128	22356	5.479	ug/L	96
25) Chloroform	5.093	83	74792	5.336	ug/L	97

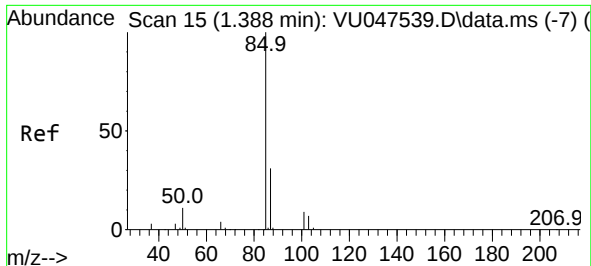
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 Data File : VU047563.D
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	48414	5.400	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	64665	5.403	ug/L	100
30) Cyclohexane	5.392	56	55372	5.358	ug/L	98
31) Carbon tetrachloride	5.527	117	56644	5.381	ug/L	99
33) Benzene	5.778	78	162217	5.335	ug/L	100
34) Trichloroethene	6.546	95	42800	5.312	ug/L	97
35) Methylcyclohexane	6.765	83	61627	5.314	ug/L	99
37) 1,2-Dichloropropane	6.794	63	42227	5.419	ug/L	100
38) Bromodichloromethane	7.109	83	56564	5.272	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	60500	4.996	ug/L	98
40) 4-Methyl-2-pentanone	7.794	43	278573	51.288	ug/L	99
42) Toluene	7.970	91	178326	5.410	ug/L	100
44) trans-1,3-Dichloropropene	8.212	75	54606	5.055	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	35415	5.301	ug/L	97
47) Tetrachloroethene	8.552	164	37265	5.422	ug/L	98
48) 2-Hexanone	8.687	43	212005	51.287	ug/L	99
49) Dibromochloromethane	8.813	129	44354	5.390	ug/L	99
50) 1,2-Dibromoethane	8.925	107	34863	5.278	ug/L	99
51) Chlorobenzene	9.449	112	118798	5.277	ug/L	99
52) Ethylbenzene	9.572	91	183510	5.256	ug/L	100
53) m,p-Xylene	9.694	106	71561	5.302	ug/L	97
54) o-Xylene	10.102	106	69905	5.242	ug/L	97
55) Styrene	10.115	104	121677	5.313	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.784	83	46913	5.238	ug/L	98
59) Bromoform	10.292	173	28759	5.374	ug/L	99
60) Isopropylbenzene	10.485	105	183678	5.360	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	32752	5.148	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	114384	5.228	ug/L	99
63) 1,2,4-Trimethylbenzene	11.469	105	150035	5.283	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	100038	5.235	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	100789	5.163	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	97241	5.146	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	7650	5.012	ug/L	90
69) 1,3,5-Trichlorobenzene	13.218	180	83588	5.174	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	68868	4.846	ug/L	99
71) Naphthalene	14.086	128	113816	4.315	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	66705	4.891	ug/L	98

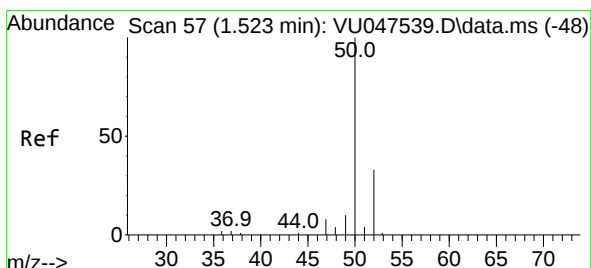
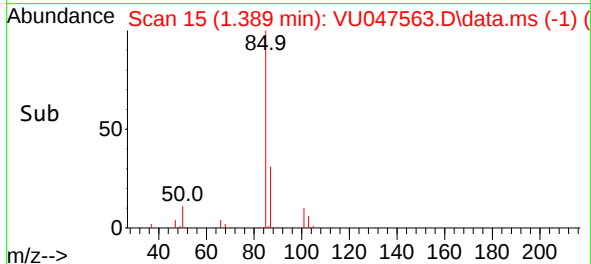
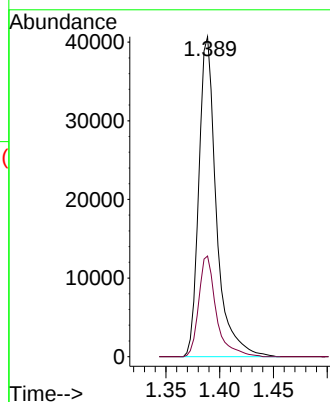
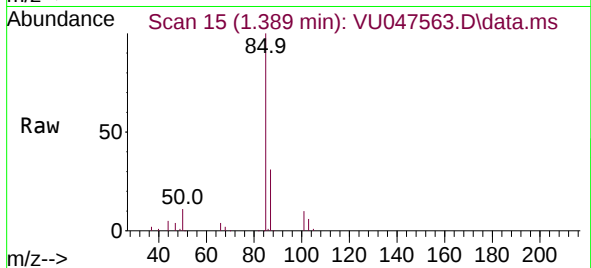
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.534 ug/L
RT: 1.389 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047563.D
Acq: 15 Mar 2022 02:22

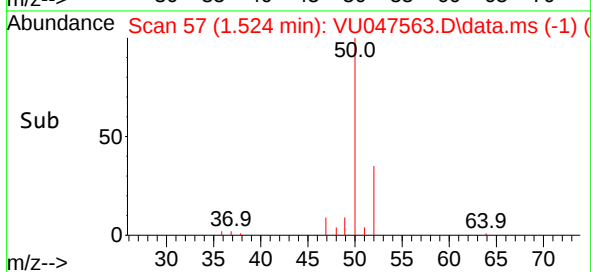
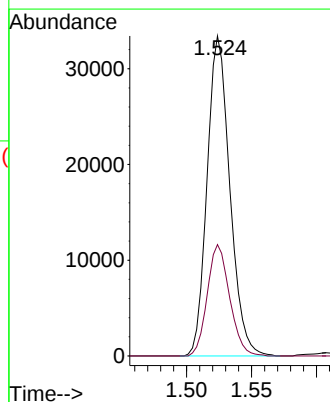
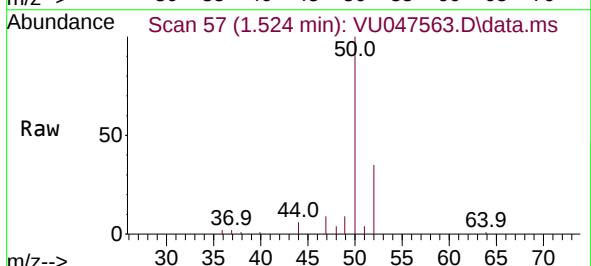
Instrument :
MSVOA_U
ClientSampleId :
VSTD005101

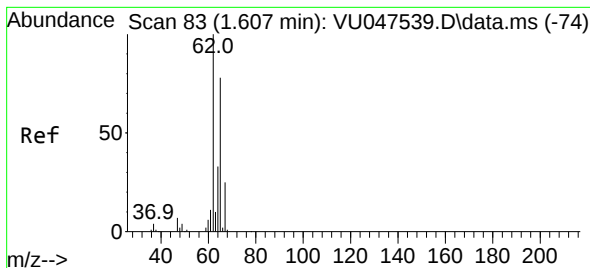
Tgt Ion: 85 Resp: 46079
Ion Ratio Lower Upper
85 100
87 31.5 26.2 39.4



#3
Chloromethane
Concen: 4.992 ug/L
RT: 1.524 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU047563.D
Acq: 15 Mar 2022 02:22

Tgt Ion: 50 Resp: 40769
Ion Ratio Lower Upper
50 100
52 34.8 23.2 43.0





#5

Vinyl chloride

Concen: 5.309 ug/L

RT: 1.607 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU047563.D

Acq: 15 Mar 2022 02:22

Instrument :

MSVOA_U

ClientSampleId :

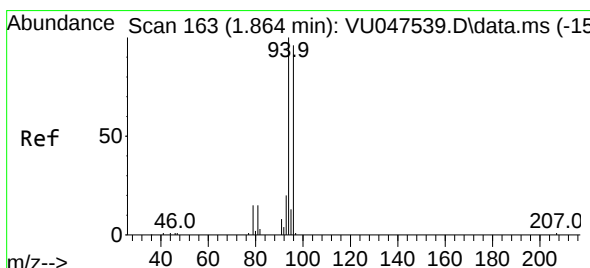
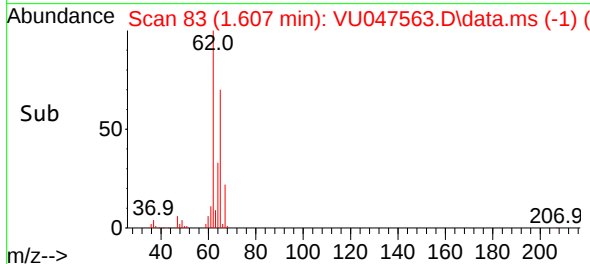
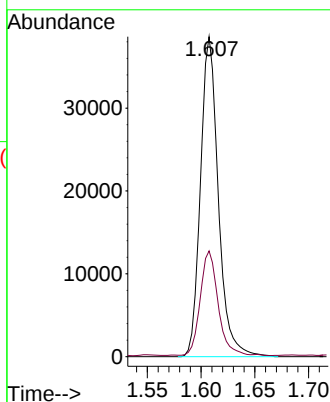
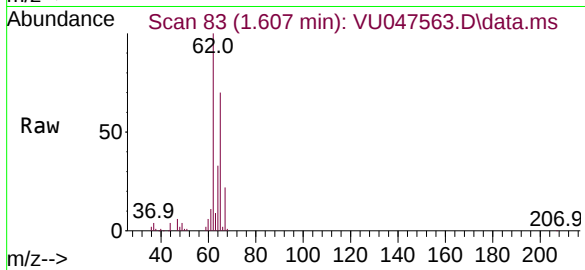
VSTD005101

Tgt Ion: 62 Resp: 44708

Ion Ratio Lower Upper

62 100

64 33.0 23.5 43.7



#6

Bromomethane

Concen: 4.161 ug/L

RT: 1.861 min Scan# 162

Delta R.T. -0.003 min

Lab File: VU047563.D

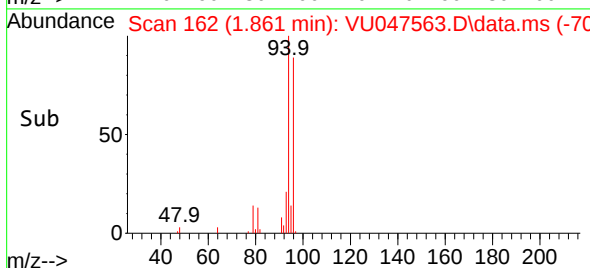
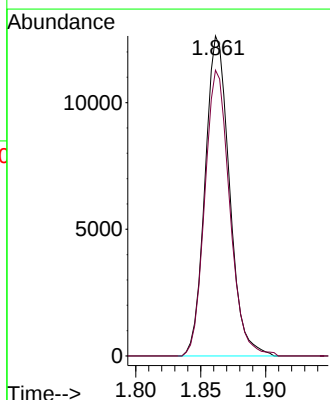
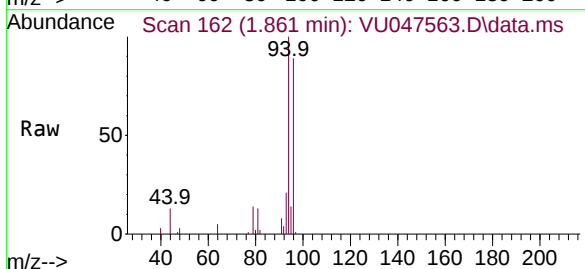
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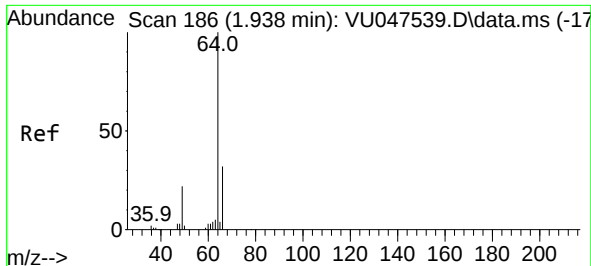
Tgt Ion: 94 Resp: 16486

Ion Ratio Lower Upper

94 100

96 89.3 66.5 123.5

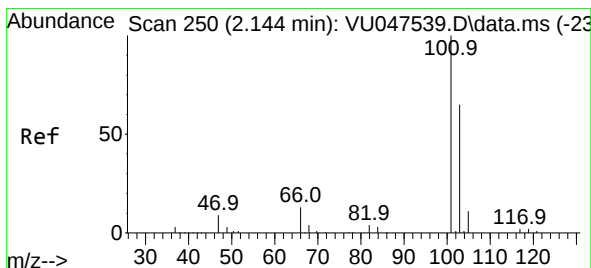
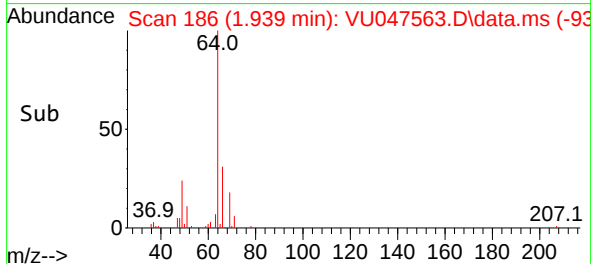
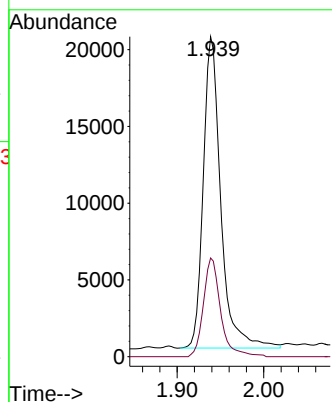
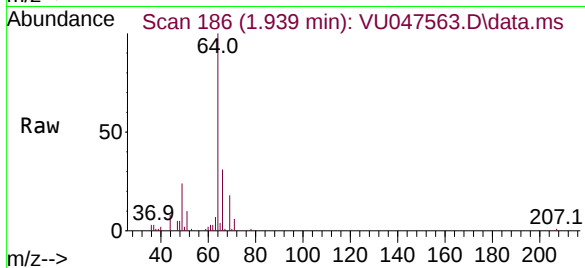




#8
Chloroethane
Concen: 5.614 ug/L
RT: 1.939 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047563.D
Acq: 15 Mar 2022 02:22

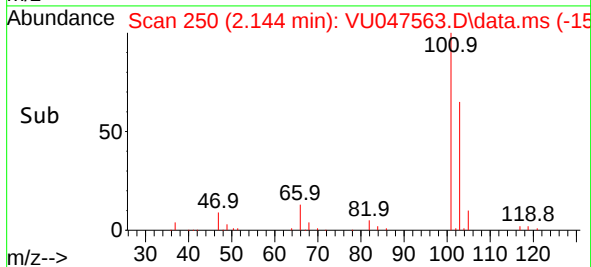
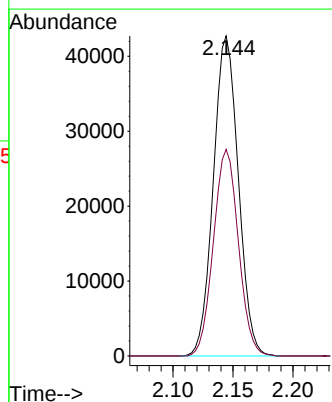
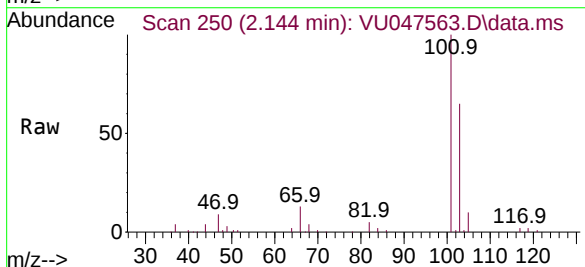
Instrument :
MSVOA_U
ClientSampleId :
VSTD005101

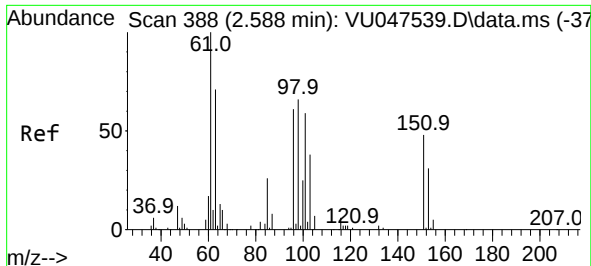
Tgt Ion: 64 Resp: 28571
Ion Ratio Lower Upper
64 100
66 30.8 22.0 40.8



#9
Trichlorofluoromethane
Concen: 5.604 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047563.D
Acq: 15 Mar 2022 02:22

Tgt Ion: 101 Resp: 61873
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.639 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.000 min

Lab File: VU047563.D

Acq: 15 Mar 2022 02:22

Instrument :

MSVOA_U

ClientSampleId :

VSTD005101

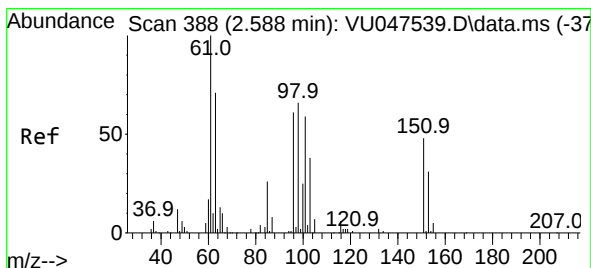
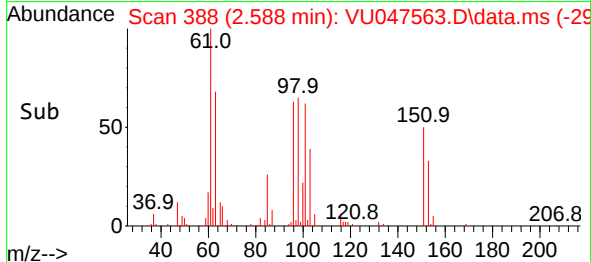
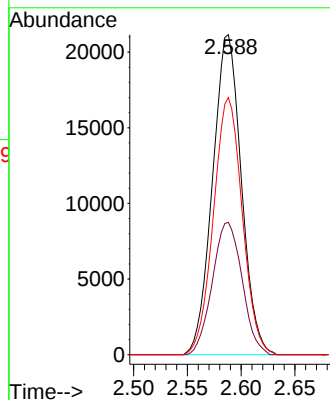
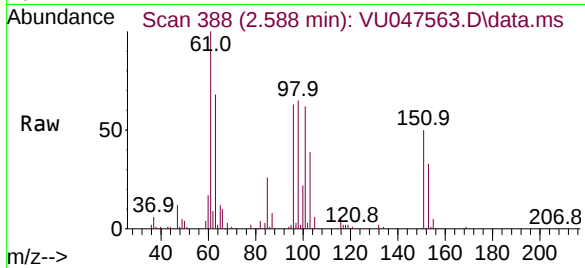
Tgt Ion:101 Resp: 39306

Ion Ratio Lower Upper

101 100

85 42.8 34.0 51.0

151 80.6 63.8 95.6



#12

1,1-Dichloroethene

Concen: 5.413 ug/L

RT: 2.585 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU047563.D

Acq: 15 Mar 2022 02:22

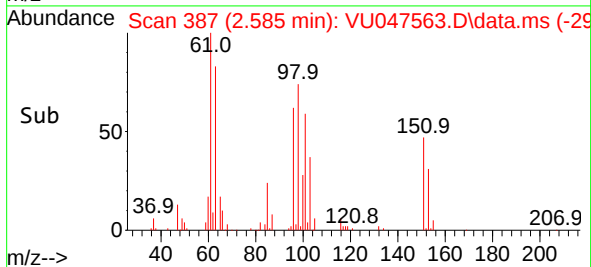
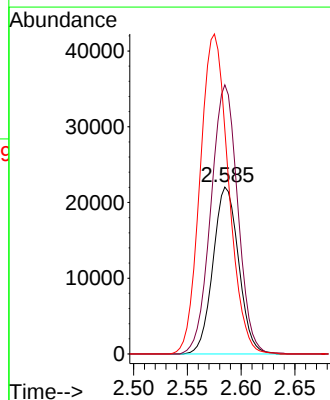
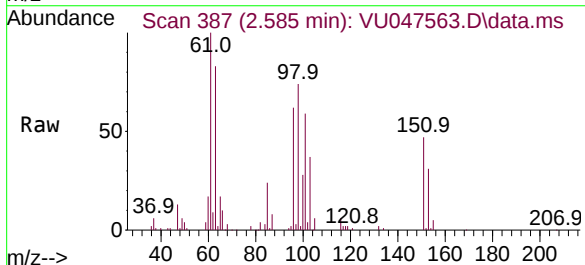
Tgt Ion: 96 Resp: 36497

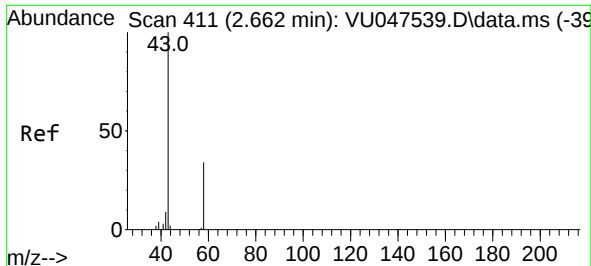
Ion Ratio Lower Upper

96 100

61 161.3 111.4 207.0

63 134.4 106.6 198.0





#13

Acetone

Concen: 65.208 ug/L

RT: 2.659 min Scan# 411

Delta R.T. -0.003 min

Lab File: VU047563.D

Acq: 15 Mar 2022 02:22

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MSVOA_U

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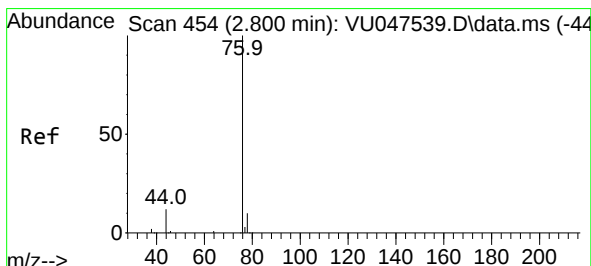
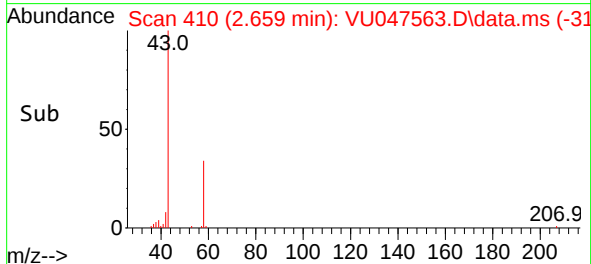
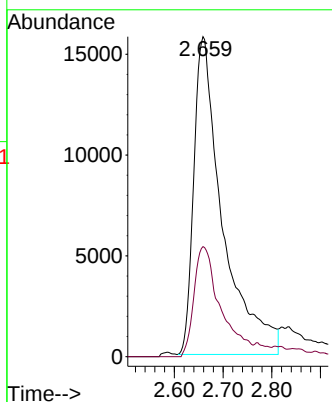
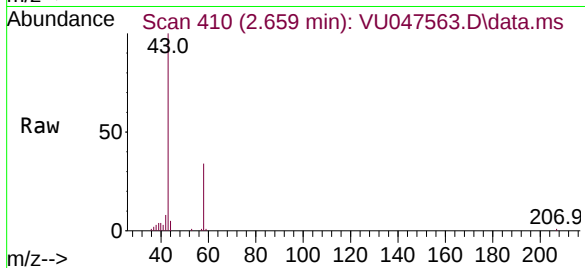
VSTD005101

Tgt Ion: 43 Resp: 64748

Ion Ratio Lower Upper

43 100

58 32.0 0.0 69.4



#14

Carbon disulfide

Concen: 5.211 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047563.D

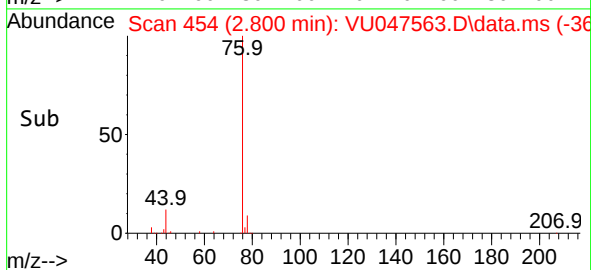
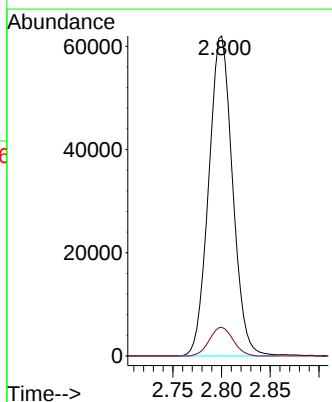
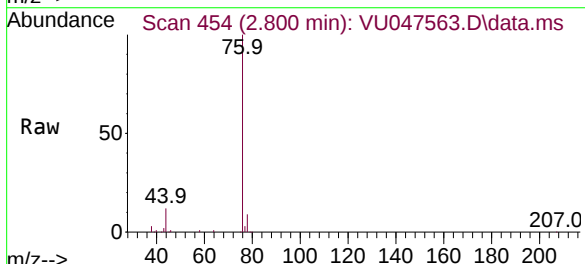
Acq: 15 Mar 2022 02:22

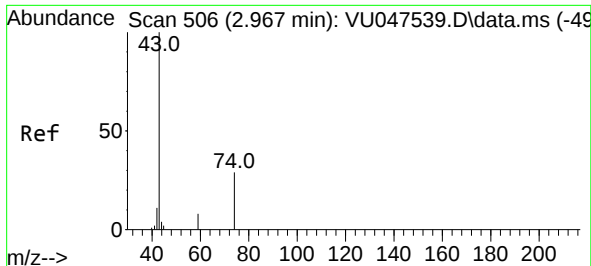
Tgt Ion: 76 Resp: 105695

Ion Ratio Lower Upper

76 100

78 9.0 7.7 11.5

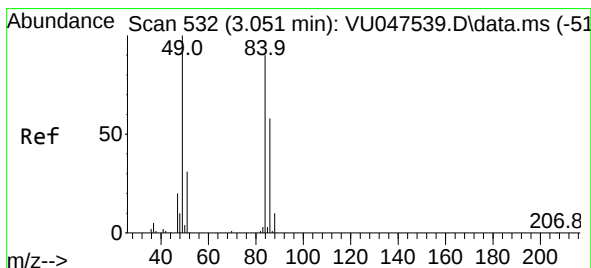
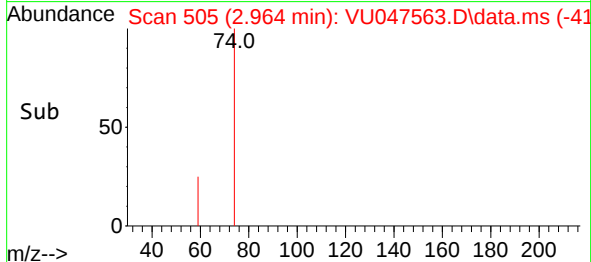
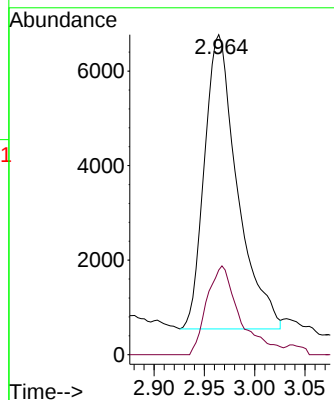
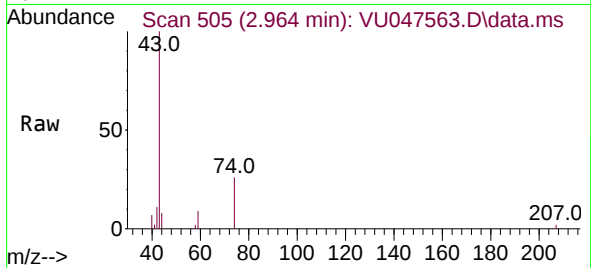




#15
Methyl Acetate
Concen: 5.172 ug/L
RT: 2.964 min Scan# 506
Delta R.T. -0.003 min
Lab File: VU047563.D
Acq: 15 Mar 2022 02:22

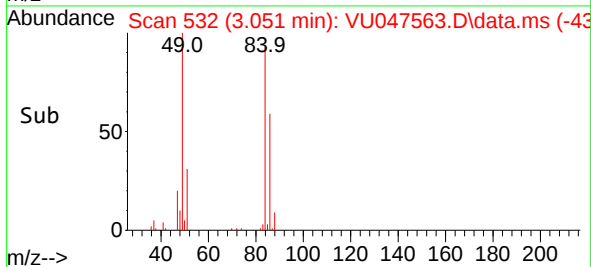
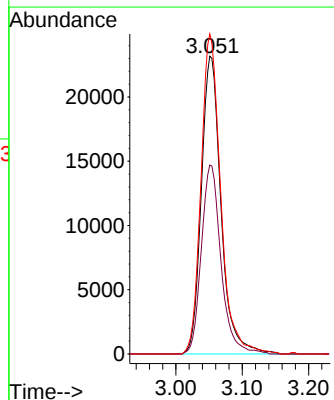
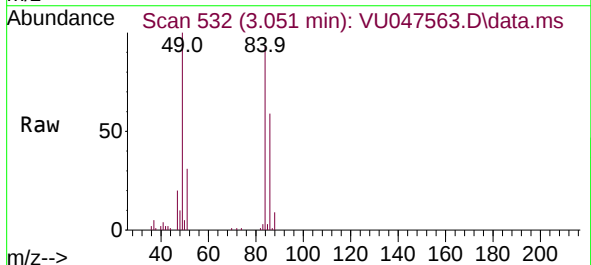
Instrument :
MSVOA_U
ClientSampleId :
VSTD005101

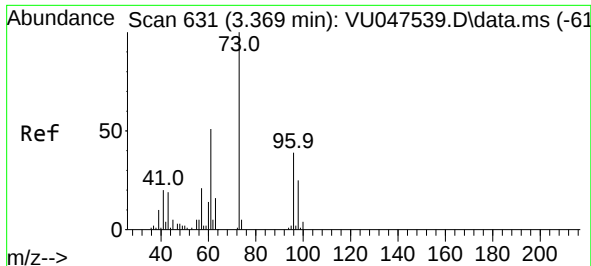
Tgt Ion: 43 Resp: 14176
Ion Ratio Lower Upper
43 100
74 30.4 21.8 32.6



#16
Methylene chloride
Concen: 4.795 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU047563.D
Acq: 15 Mar 2022 02:22

Tgt Ion: 84 Resp: 47687
Ion Ratio Lower Upper
84 100
86 63.5 45.4 84.4
49 107.5 75.0 139.4

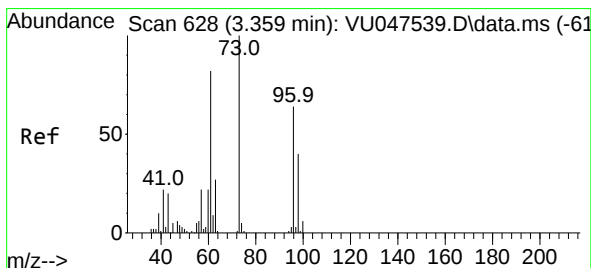
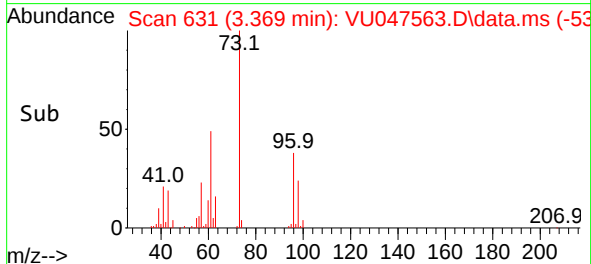
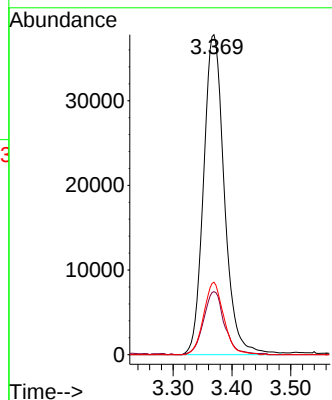
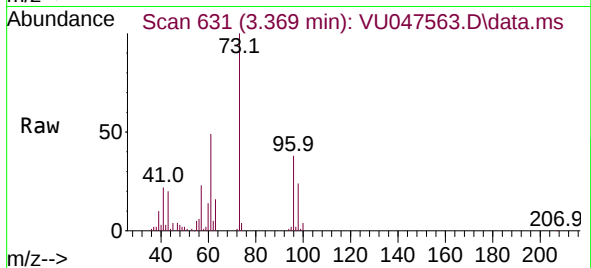




#17
Methyl tert-butyl Ether
Concen: 5.370 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047563.D
Acq: 15 Mar 2022 02:22

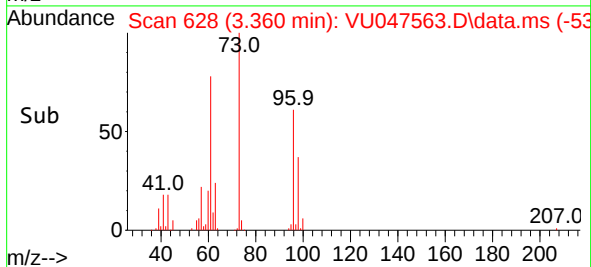
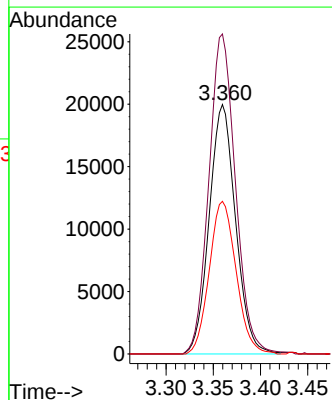
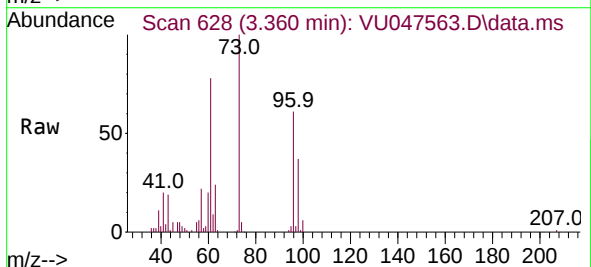
Instrument :
MSVOA_U
ClientSampleId :
VSTD005101

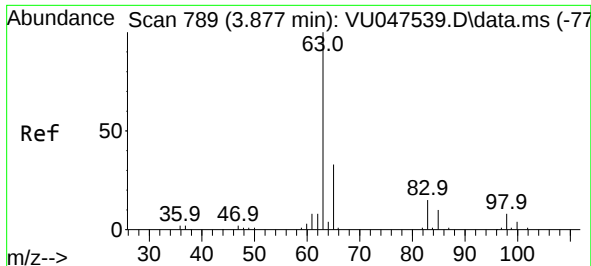
Tgt Ion: 73 Resp: 92902
Ion Ratio Lower Upper
73 100
43 19.8 15.2 22.8
57 21.8 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 5.355 ug/L
RT: 3.360 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU047563.D
Acq: 15 Mar 2022 02:22

Tgt Ion: 96 Resp: 38808
Ion Ratio Lower Upper
96 100
61 128.3 91.7 170.3
98 61.2 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.471 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

Lab File: VU047563.D

Acq: 15 Mar 2022 02:22

Instrument :

MSVOA_U

ClientSampleId :

VSTD005101

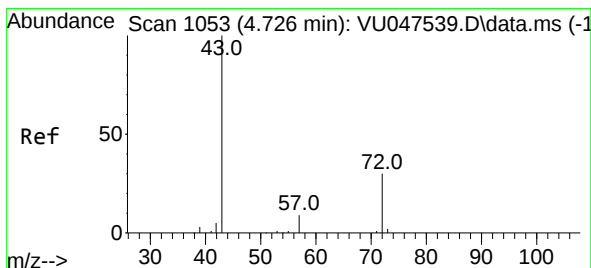
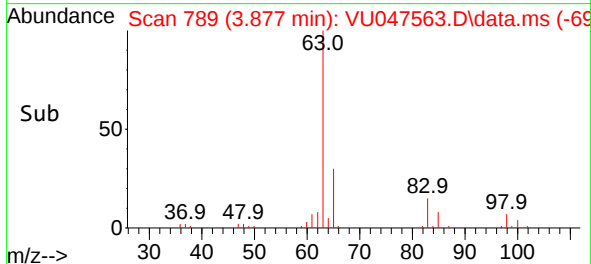
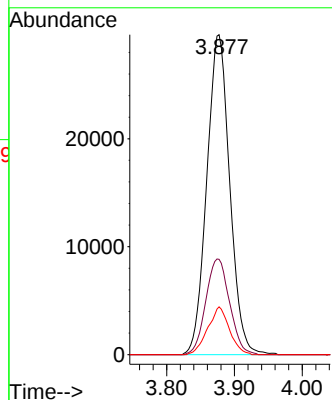
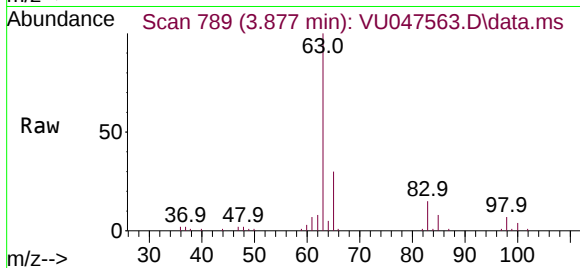
Tgt Ion: 63 Resp: 69747

Ion Ratio Lower Upper

63 100

65 29.8 21.8 40.6

83 15.0 10.8 20.0



#21

2-Butanone

Concen: 58.383 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. -0.003 min

Lab File: VU047563.D

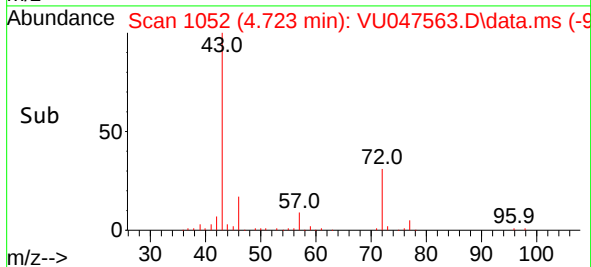
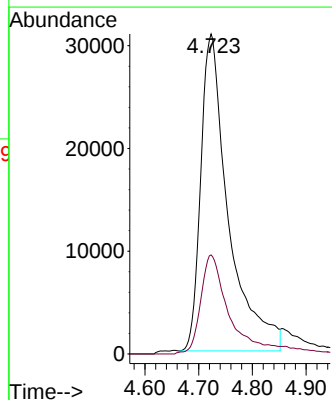
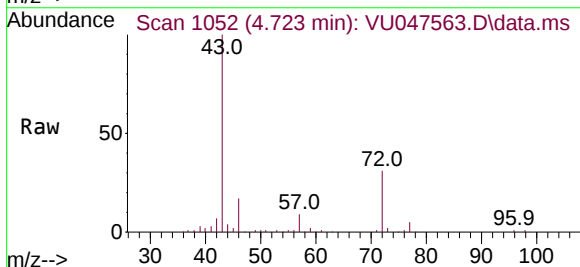
Acq: 15 Mar 2022 02:22

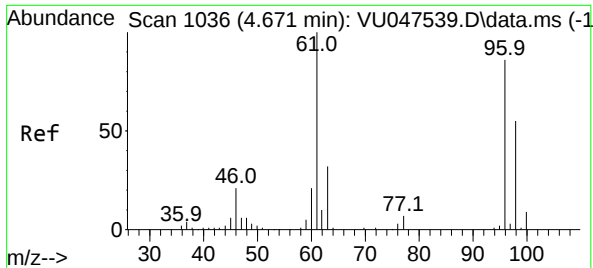
Tgt Ion: 43 Resp: 110295

Ion Ratio Lower Upper

43 100

72 30.6 14.9 44.7

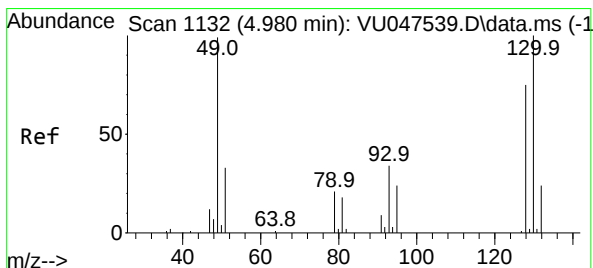
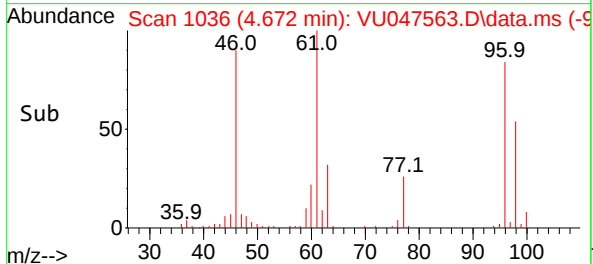
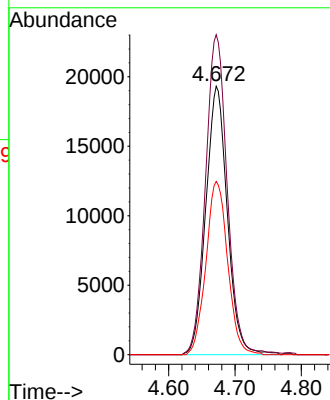
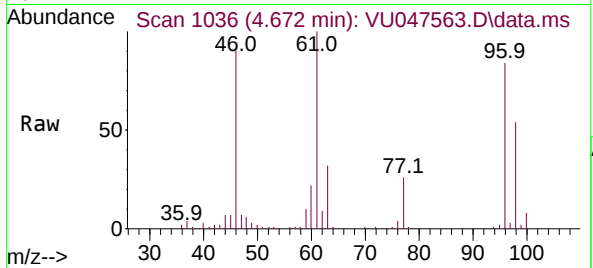




#22
cis-1,2-Dichloroethene
Concen: 5.424 ug/L
RT: 4.672 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047563.D
Acq: 15 Mar 2022 02:22

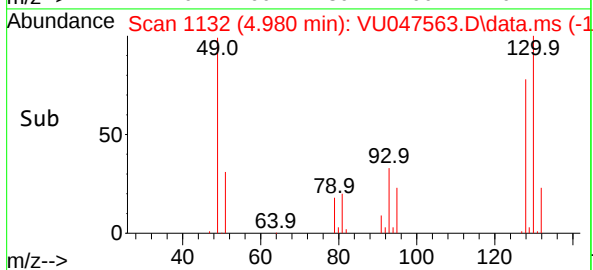
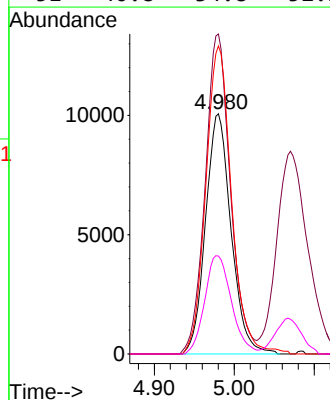
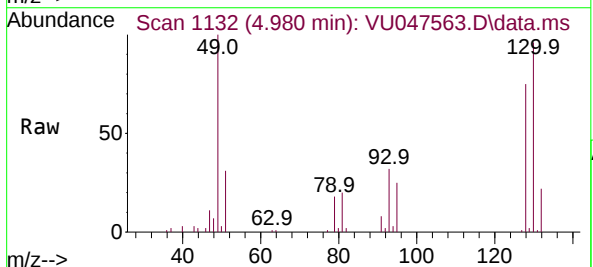
Instrument :
MSVOA_U
ClientSampleId :
VSTD005101

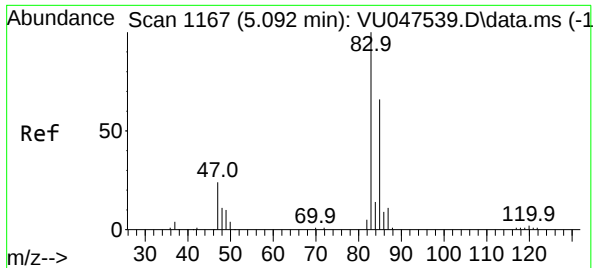
Tgt Ion: 96 Resp: 43620
Ion Ratio Lower Upper
96 100
61 119.2 83.9 155.7
98 64.5 46.4 86.2



#23
Bromochloromethane
Concen: 5.479 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU047563.D
Acq: 15 Mar 2022 02:22

Tgt Ion: 128 Resp: 22356
Ion Ratio Lower Upper
128 100
49 133.2 89.6 166.4
130 128.3 87.3 162.1
51 40.8 34.8 52.2





#25

Chloroform

Concen: 5.336 ug/L

RT: 5.093 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047563.D

Acq: 15 Mar 2022 02:22

Instrument :

MSVOA_U

ClientSampleId :

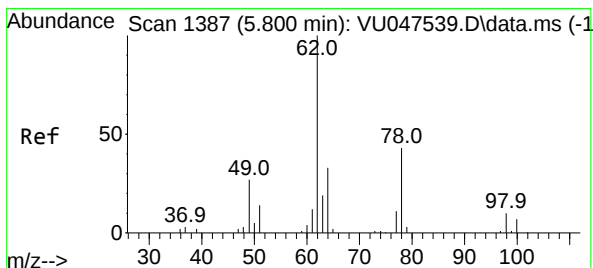
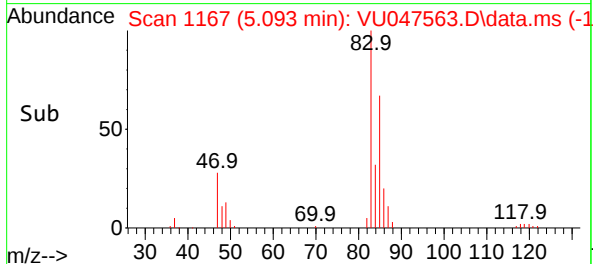
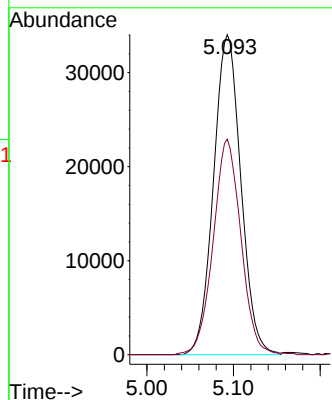
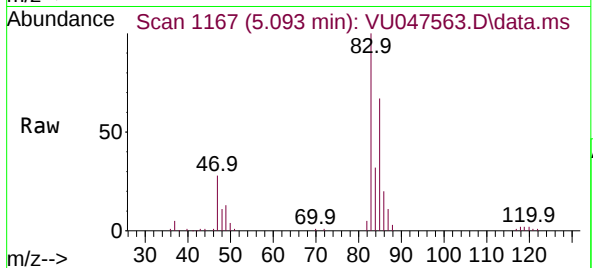
VSTD005101

Tgt Ion: 83 Resp: 74792

Ion Ratio Lower Upper

83 100

85 67.3 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.400 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU047563.D

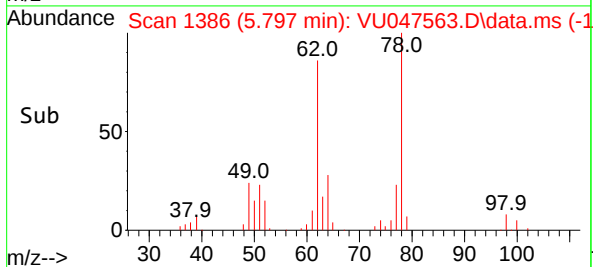
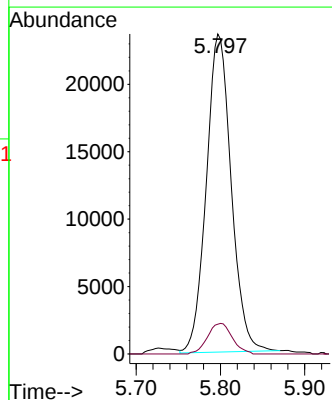
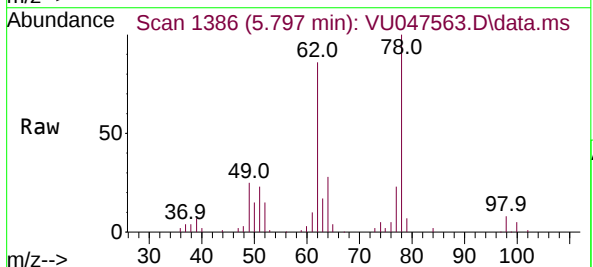
Acq: 15 Mar 2022 02:22

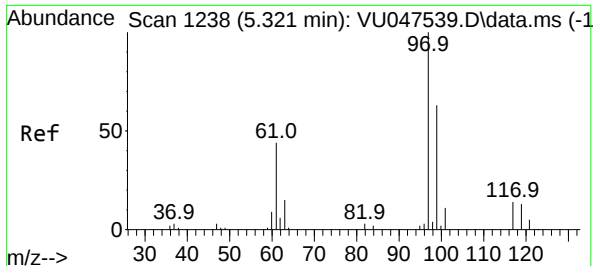
Tgt Ion: 62 Resp: 48414

Ion Ratio Lower Upper

62 100

98 9.3 7.7 11.5





#29

1,1,1-Trichloroethane

Concen: 5.403 ug/L

RT: 5.321 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047563.D

Acq: 15 Mar 2022 02:22

Instrument :

MSVOA_U

ClientSampleId :

VSTD005101

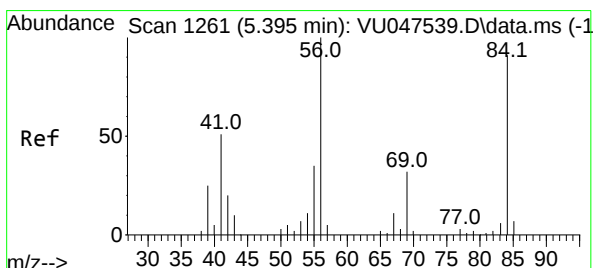
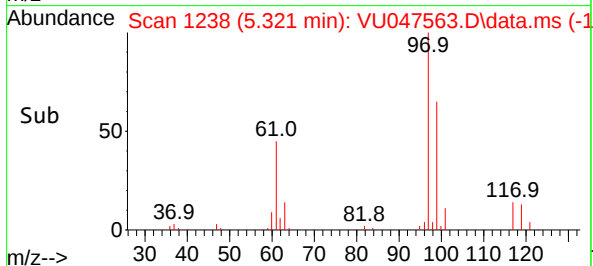
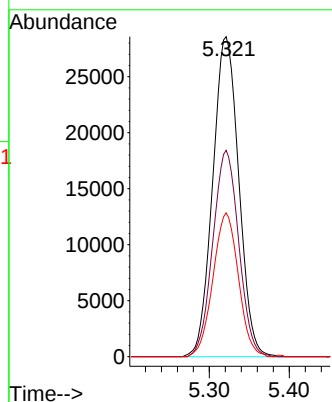
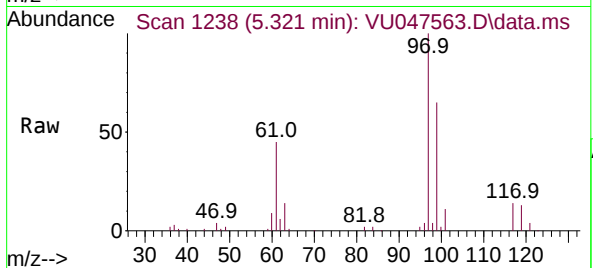
Tgt Ion: 97 Resp: 64665

Ion Ratio Lower Upper

97 100

99 64.1 51.2 76.8

61 43.8 35.0 52.4



#30

Cyclohexane

Concen: 5.358 ug/L

RT: 5.392 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU047563.D

Acq: 15 Mar 2022 02:22

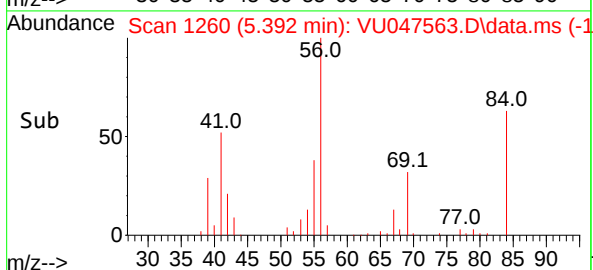
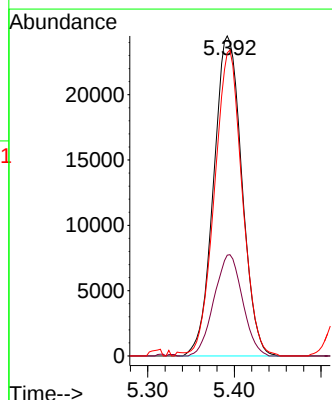
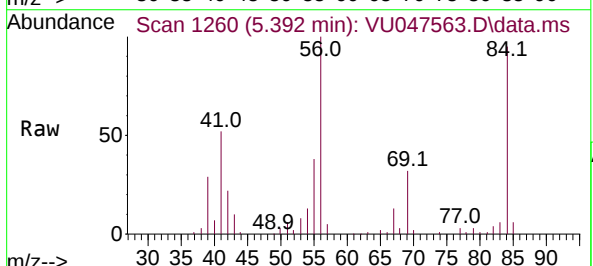
Tgt Ion: 56 Resp: 55372

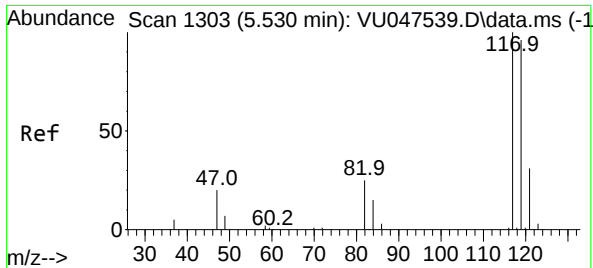
Ion Ratio Lower Upper

56 100

69 31.9 26.0 39.0

84 93.6 76.2 114.4

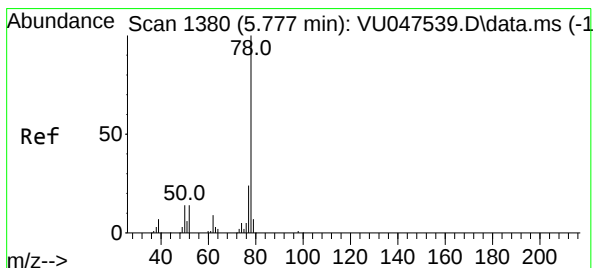
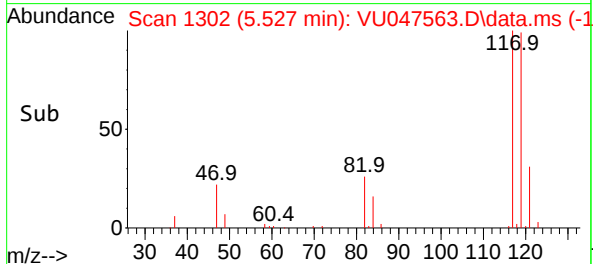
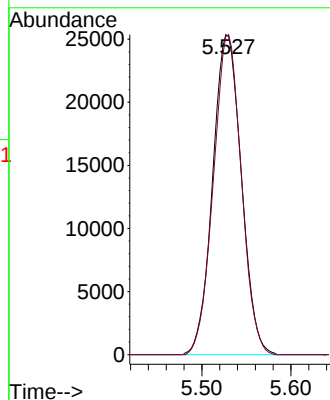
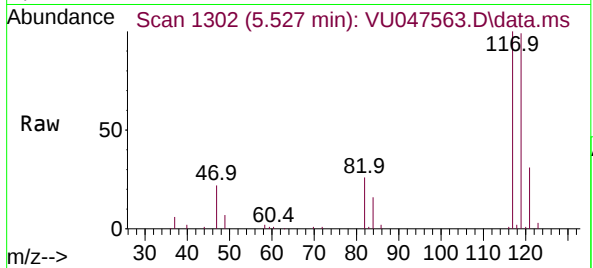




#31
Carbon tetrachloride
Concen: 5.381 ug/L
RT: 5.527 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047563.D
Acq: 15 Mar 2022 02:22

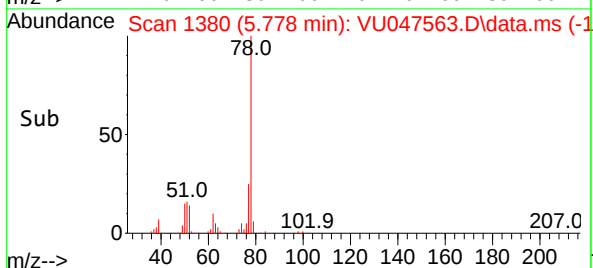
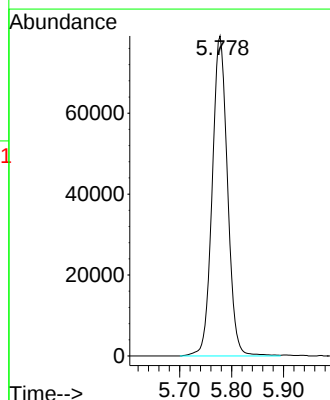
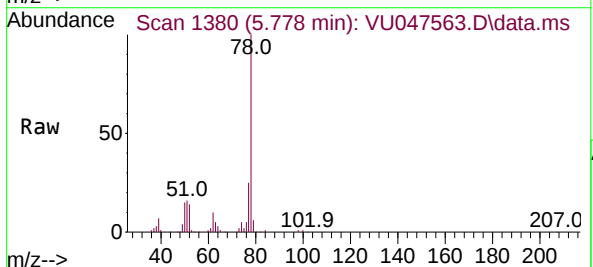
Instrument :
MSVOA_U
ClientSampleId :
VSTD005101

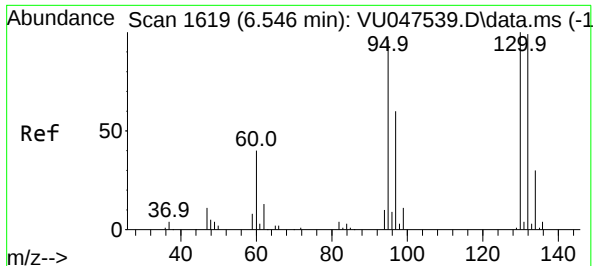
Tgt Ion:117 Resp: 56644
Ion Ratio Lower Upper
117 100
119 97.4 76.9 115.3



#33
Benzene
Concen: 5.335 ug/L
RT: 5.778 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047563.D
Acq: 15 Mar 2022 02:22

Tgt Ion: 78 Resp: 162217

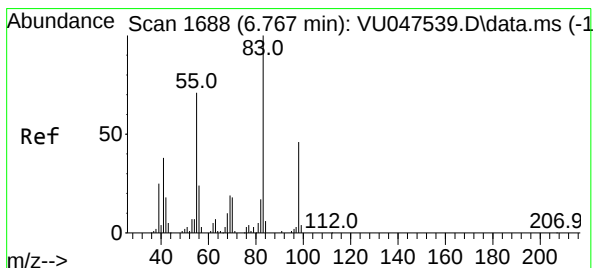
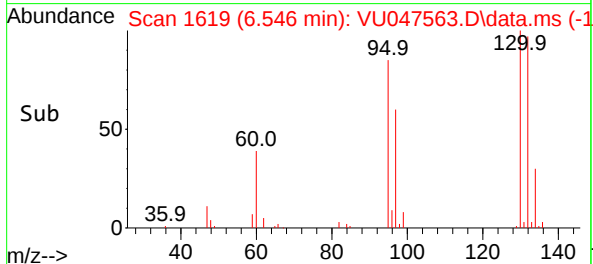
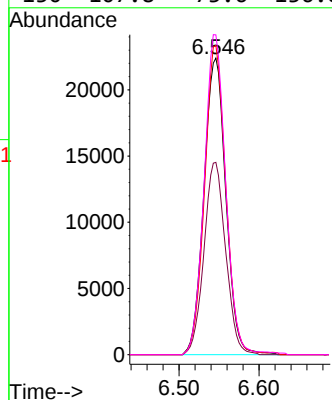
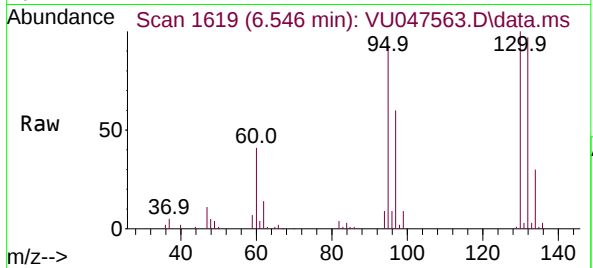




#34
Trichloroethene
Concen: 5.312 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047563.D
Acq: 15 Mar 2022 02:22

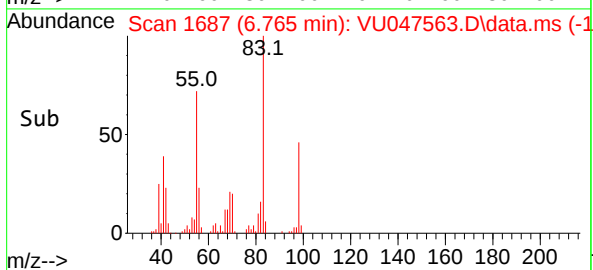
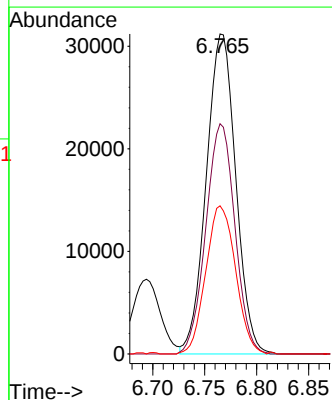
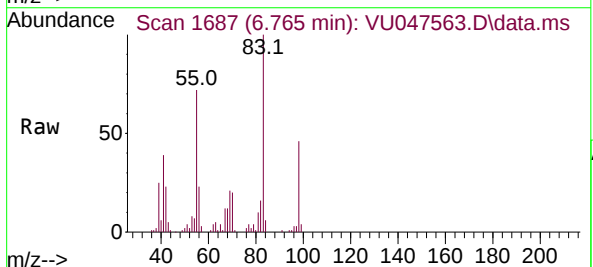
Instrument :
MSVOA_U
ClientSampleId :
VSTD005101

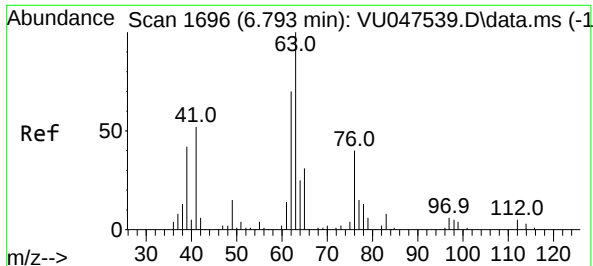
Tgt Ion: 95 Resp: 42800
Ion Ratio Lower Upper
95 100
97 64.8 46.3 85.9
132 104.2 70.7 131.3
130 107.8 73.6 136.8



#35
Methylcyclohexane
Concen: 5.314 ug/L
RT: 6.765 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU047563.D
Acq: 15 Mar 2022 02:22

Tgt Ion: 83 Resp: 61627
Ion Ratio Lower Upper
83 100
55 70.9 57.3 85.9
98 46.7 37.5 56.3





#37

1,2-Dichloropropane

Concen: 5.419 ug/L

RT: 6.794 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047563.D

Acq: 15 Mar 2022 02:22

Instrument :

MSVOA_U

ClientSampleId :

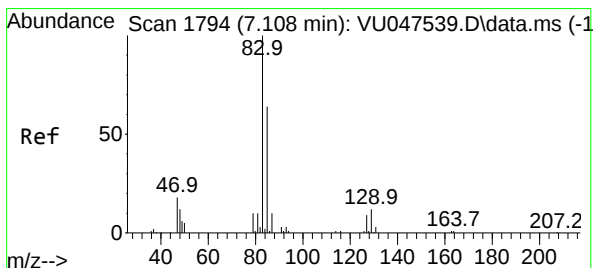
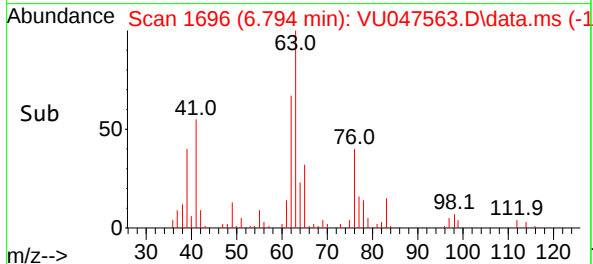
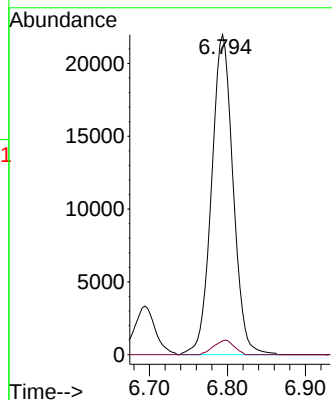
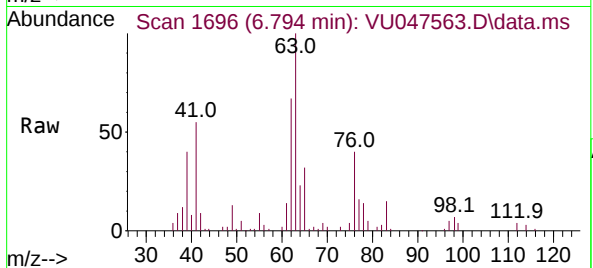
VSTD005101

Tgt Ion: 63 Resp: 42227

Ion Ratio Lower Upper

63 100

112 4.3 3.4 5.0



#38

Bromodichloromethane

Concen: 5.272 ug/L

RT: 7.109 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047563.D

Acq: 15 Mar 2022 02:22

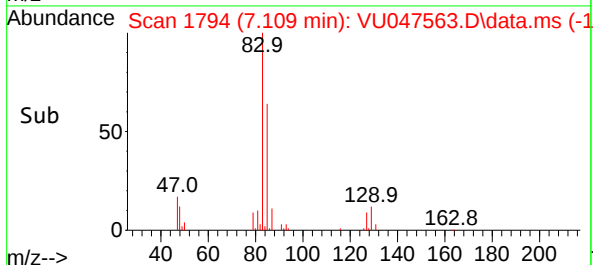
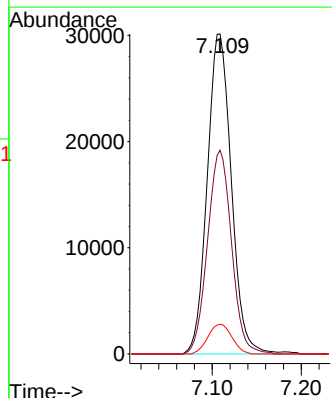
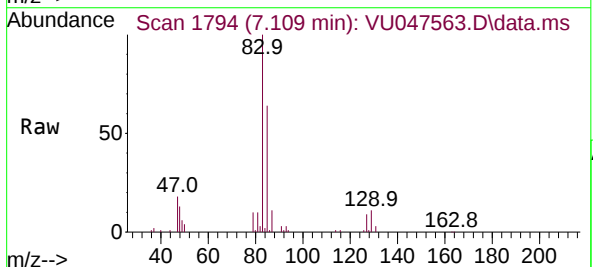
Tgt Ion: 83 Resp: 56564

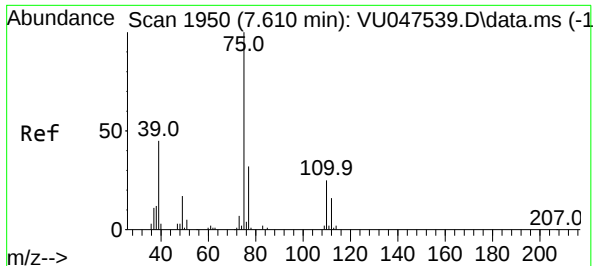
Ion Ratio Lower Upper

83 100

85 63.6 44.2 82.0

127 9.3 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 4.996 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047563.D

Acq: 15 Mar 2022 02:22

Instrument :

MSVOA_U

ClientSampleId :

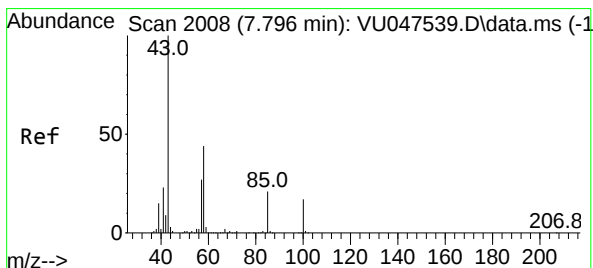
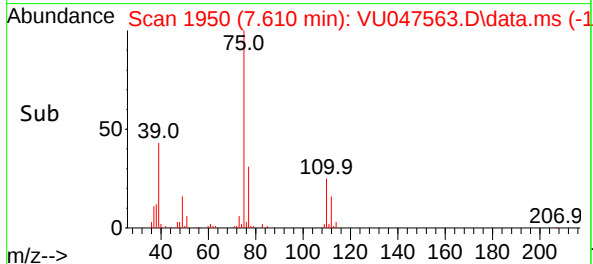
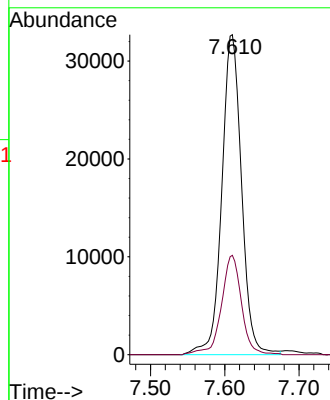
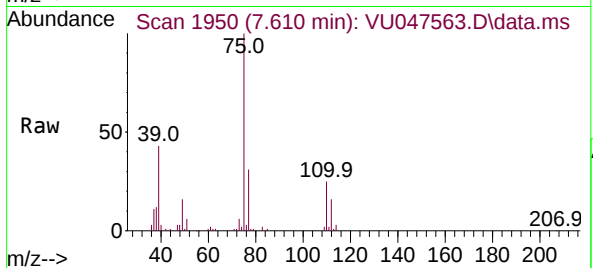
VSTD005101

Tgt Ion: 75 Resp: 60500

Ion Ratio Lower Upper

75 100

77 31.0 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 51.288 ug/L

RT: 7.794 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU047563.D

Acq: 15 Mar 2022 02:22

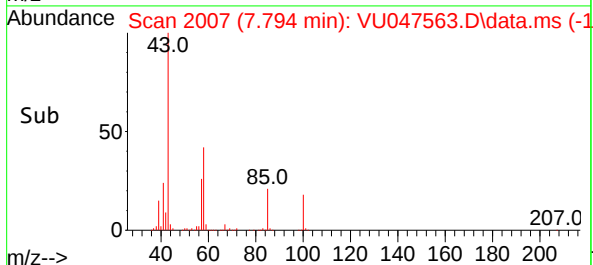
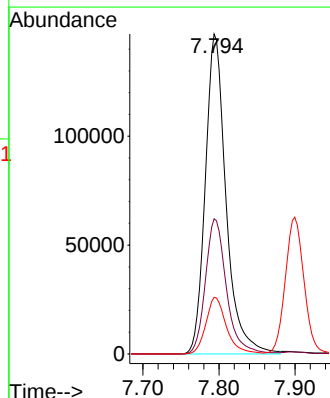
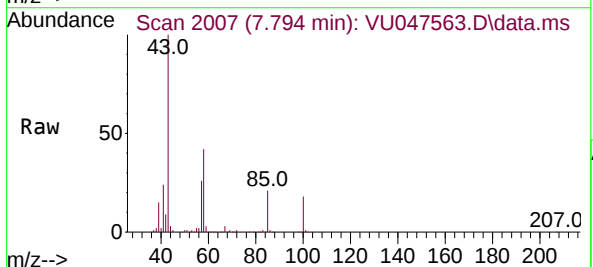
Tgt Ion: 43 Resp: 278573

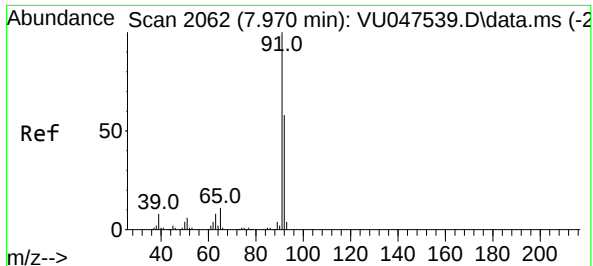
Ion Ratio Lower Upper

43 100

58 42.8 34.5 51.7

100 17.6 13.8 20.6





#42

Toluene

Concen: 5.410 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047563.D

Acq: 15 Mar 2022 02:22

Instrument :

MSVOA_U

ClientSampleId :

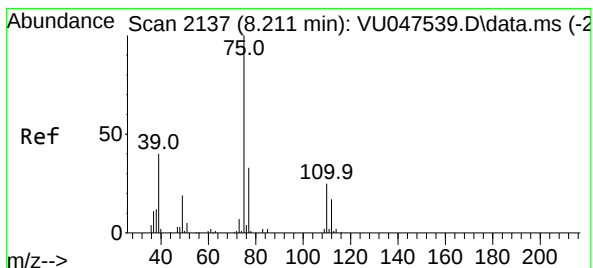
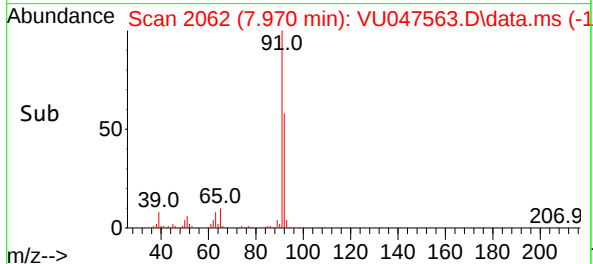
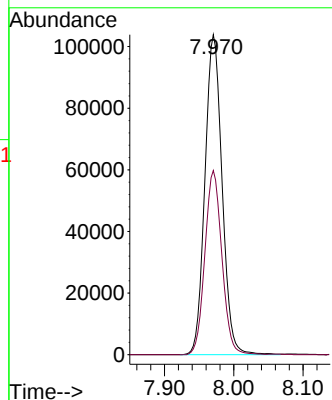
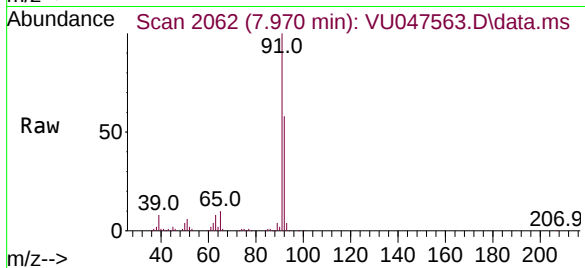
VSTD005101

Tgt Ion: 91 Resp: 178326

Ion Ratio Lower Upper

91 100

92 57.5 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 5.055 ug/L

RT: 8.212 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047563.D

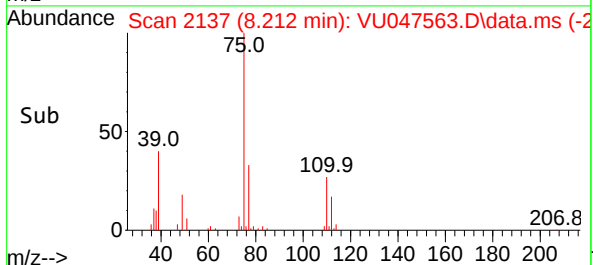
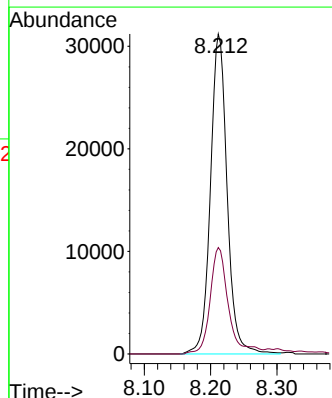
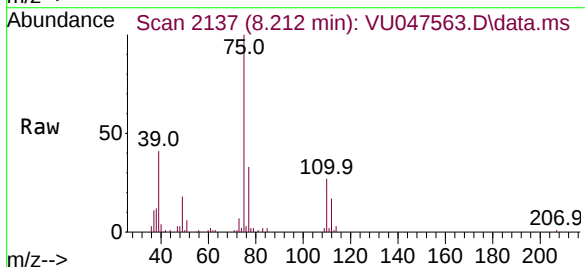
Acq: 15 Mar 2022 02:22

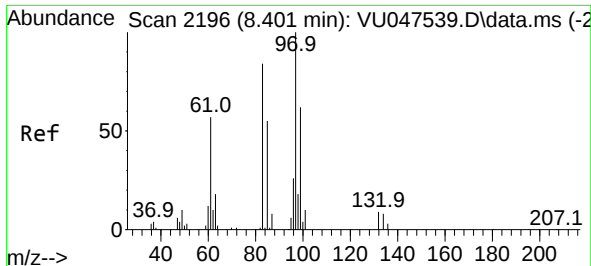
Tgt Ion: 75 Resp: 54606

Ion Ratio Lower Upper

75 100

77 33.2 23.4 43.6

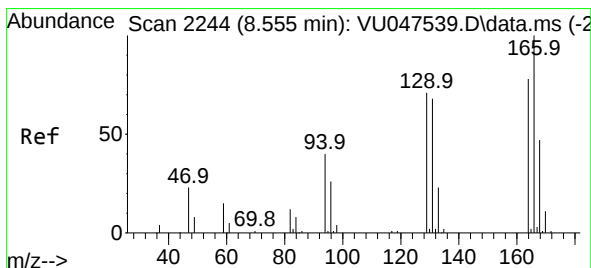
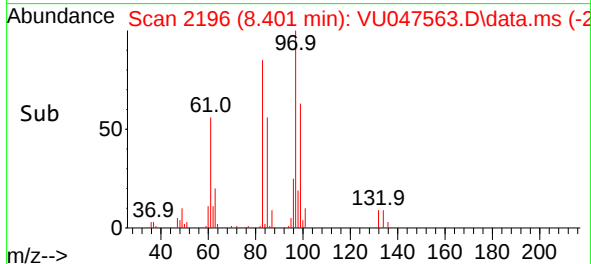
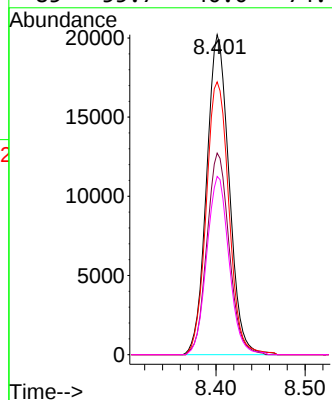
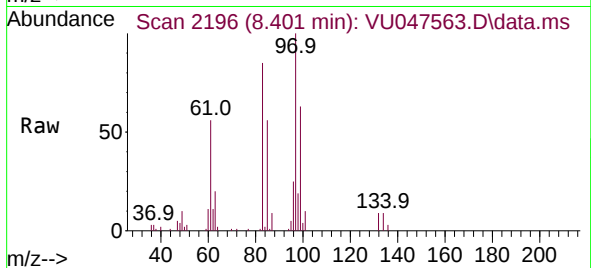




#45
1,1,2-Trichloroethane
Concen: 5.301 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU047563.D
Acq: 15 Mar 2022 02:22

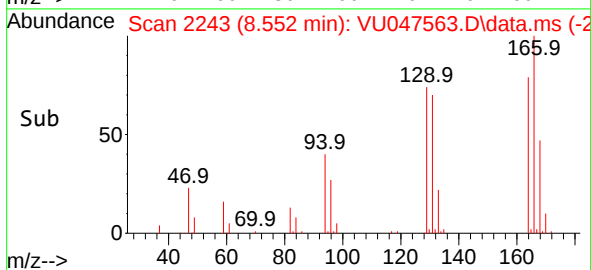
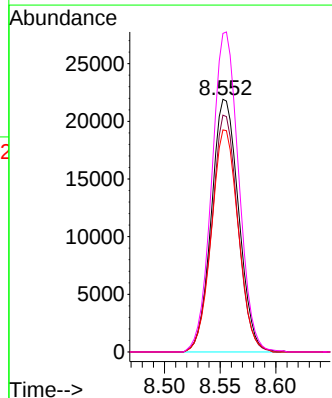
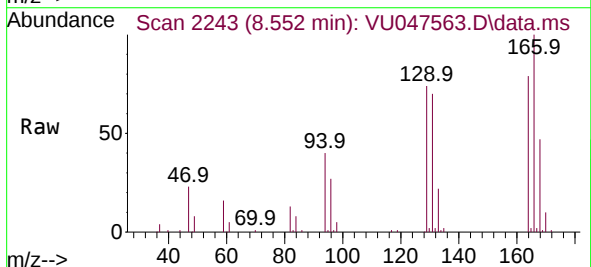
Instrument :
MSVOA_U
ClientSampleId :
VSTD005101

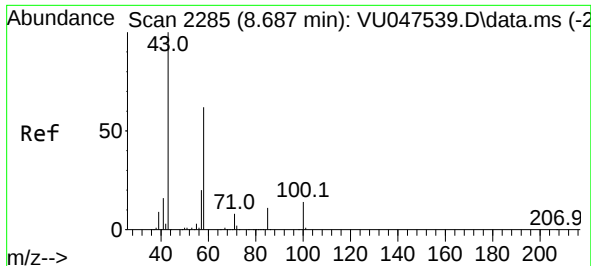
Tgt Ion:	97	Resp:	35415
Ion	Ratio	Lower	Upper
97	100		
99	63.0	45.3	84.1
83	85.2	62.2	115.6
85	55.7	40.0	74.4



#47
Tetrachloroethene
Concen: 5.422 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU047563.D
Acq: 15 Mar 2022 02:22

Tgt Ion:	164	Resp:	37265
Ion	Ratio	Lower	Upper
164	100		
129	93.8	63.5	117.9
131	87.9	60.5	112.5
166	126.1	88.5	164.3

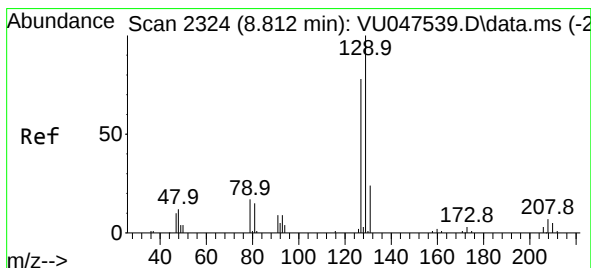
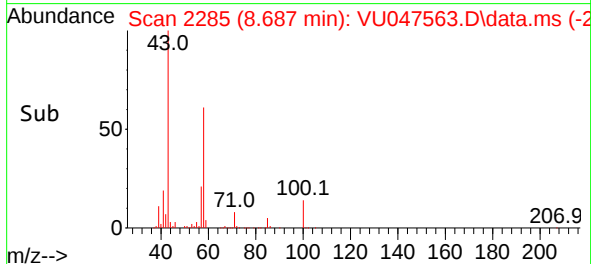
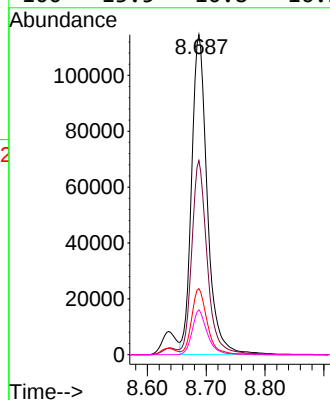
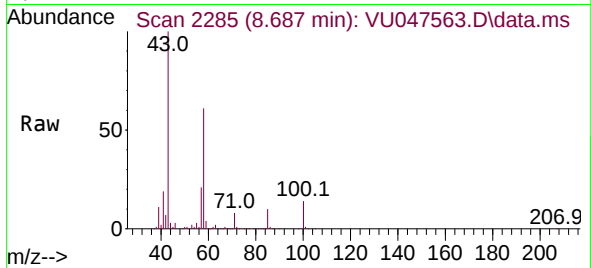




#48
2-Hexanone
Concen: 51.287 ug/L
RT: 8.687 min Scan# 212005
Delta R.T. 0.000 min
Lab File: VU047563.D
Acq: 15 Mar 2022 02:22

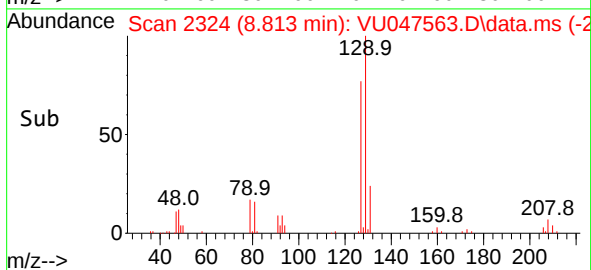
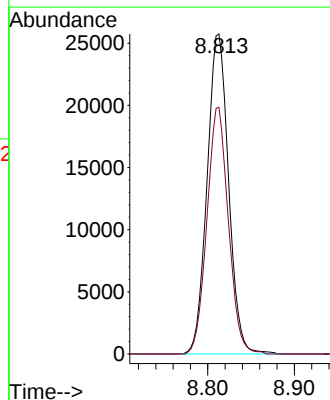
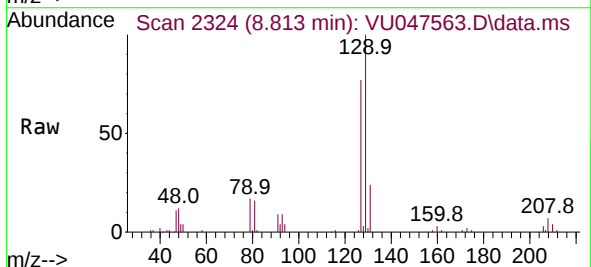
Instrument :
MSVOA_U
ClientSampleId :
VSTD005101

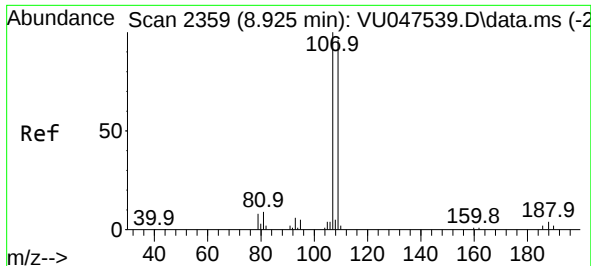
Tgt Ion:	43	Resp:	212005
Ion	Ratio	Lower	Upper
43	100		
58	60.0	47.5	71.3
57	20.7	16.0	24.0
100	13.5	10.8	16.2



#49
Dibromochloromethane
Concen: 5.390 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047563.D
Acq: 15 Mar 2022 02:22

Tgt Ion:	129	Resp:	44354
Ion	Ratio	Lower	Upper
129	100		
127	77.1	53.6	99.6





#50

1,2-Dibromoethane

Concen: 5.278 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047563.D

Acq: 15 Mar 2022 02:22

Instrument :

MSVOA_U

ClientSampleId :

VSTD005101

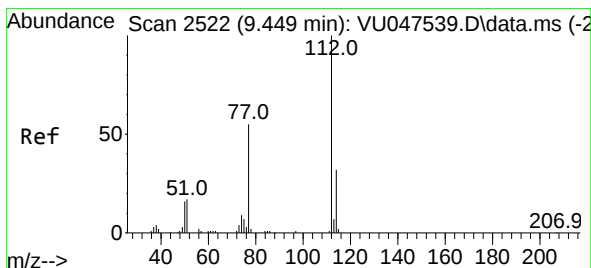
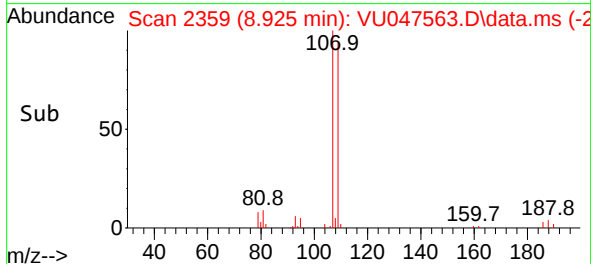
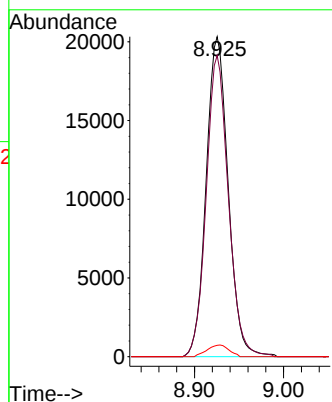
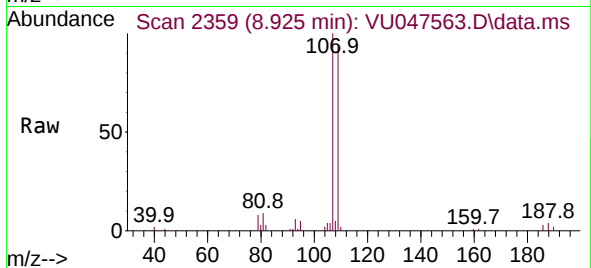
Tgt Ion:107 Resp: 34863

Ion Ratio Lower Upper

107 100

109 94.2 65.3 121.3

188 3.5 3.2 4.8



#51

Chlorobenzene

Concen: 5.277 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU047563.D

Acq: 15 Mar 2022 02:22

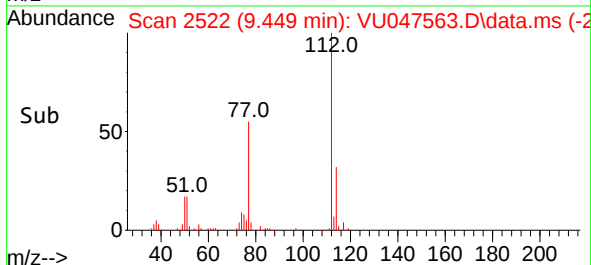
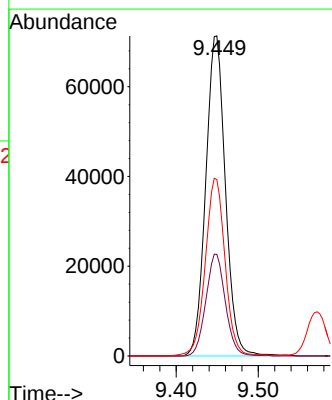
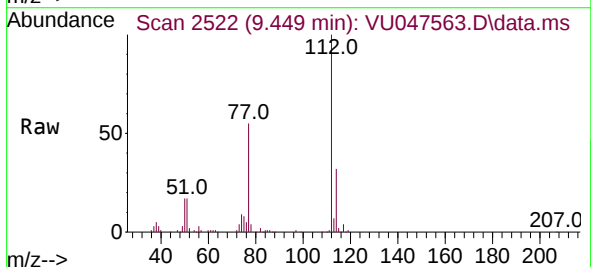
Tgt Ion:112 Resp: 118798

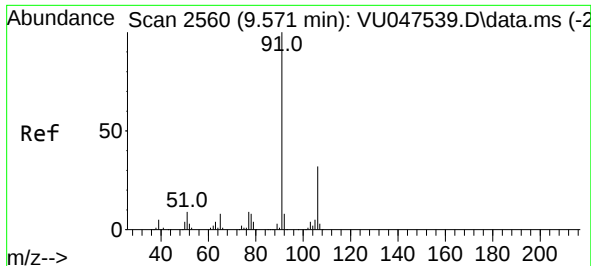
Ion Ratio Lower Upper

112 100

114 31.7 22.0 40.8

77 55.1 43.7 65.5

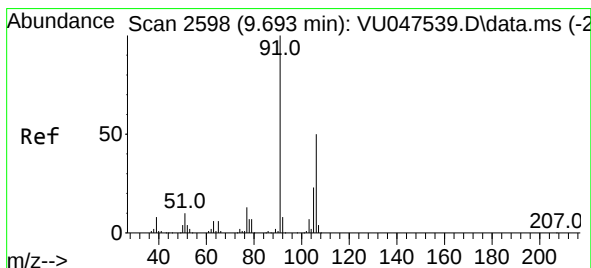
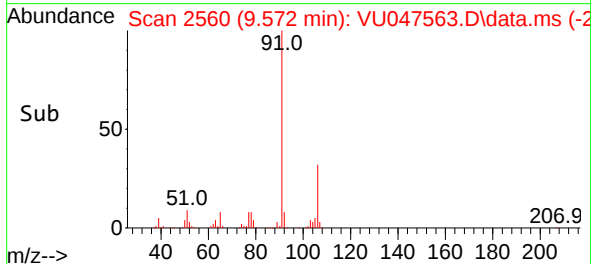
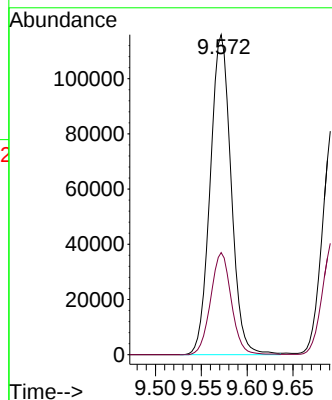
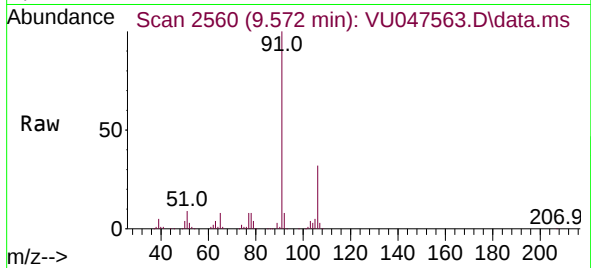




#52
Ethylbenzene
Concen: 5.256 ug/L
RT: 9.572 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047563.D
Acq: 15 Mar 2022 02:22

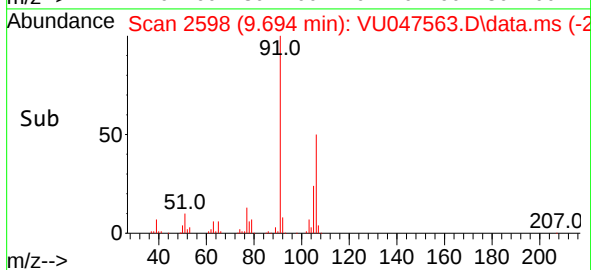
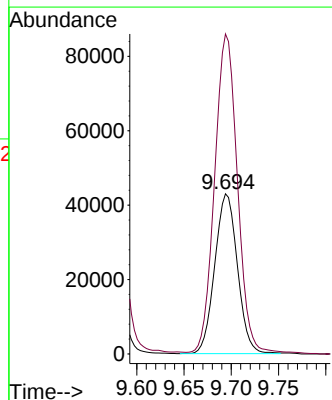
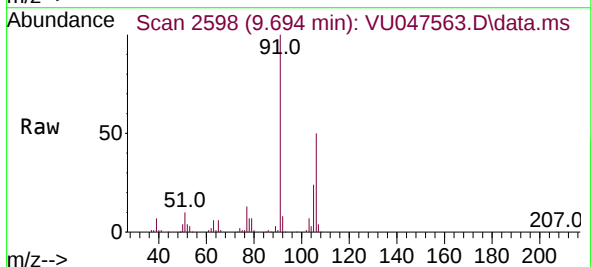
Instrument :
MSVOA_U
ClientSampleId :
VSTD005101

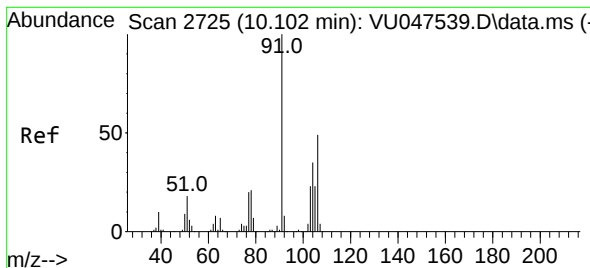
Tgt Ion: 91 Resp: 183510
Ion Ratio Lower Upper
91 100
106 31.9 22.2 41.2



#53
m,p-Xylene
Concen: 5.302 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU047563.D
Acq: 15 Mar 2022 02:22

Tgt Ion: 106 Resp: 71561
Ion Ratio Lower Upper
106 100
91 199.9 136.6 253.8





#54

o-Xylene

Concen: 5.242 ug/L

RT: 10.102 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047563.D

Acq: 15 Mar 2022 02:22

Instrument :

MSVOA_U

ClientSampleId :

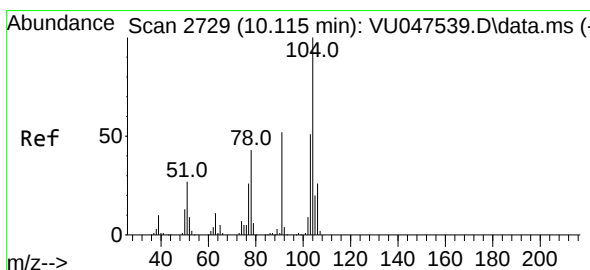
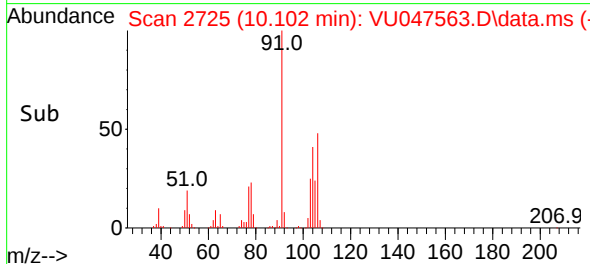
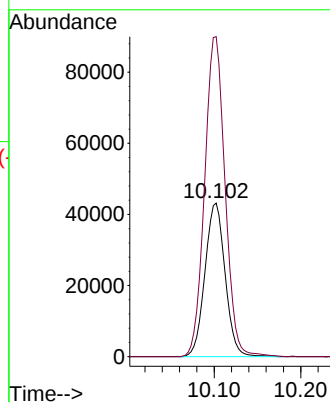
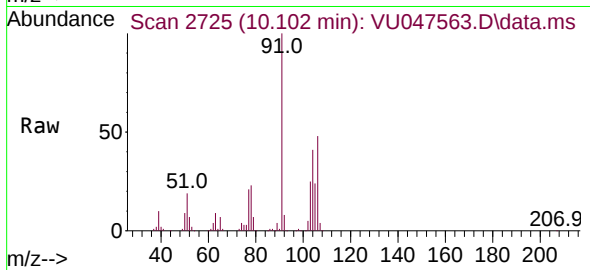
VSTD005101

Tgt Ion:106 Resp: 69905

Ion Ratio Lower Upper

106 100

91 208.3 148.5 275.9



#55

Styrene

Concen: 5.313 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU047563.D

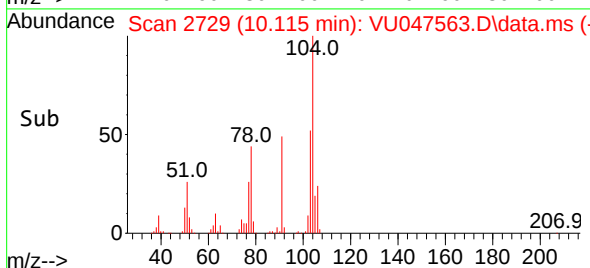
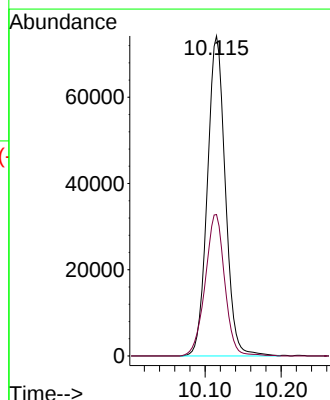
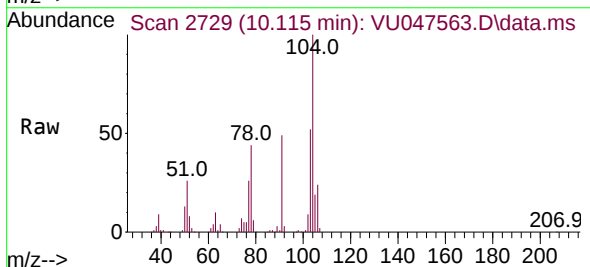
Acq: 15 Mar 2022 02:22

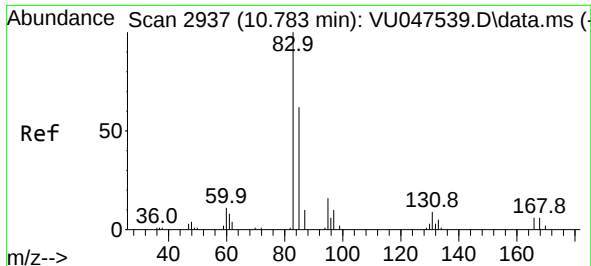
Tgt Ion:104 Resp: 121677

Ion Ratio Lower Upper

104 100

78 44.2 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.238 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU047563.D

Acq: 15 Mar 2022 02:22

Instrument :

MSVOA_U

ClientSampleId :

VSTD005101

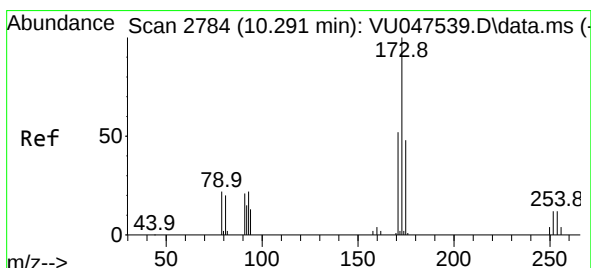
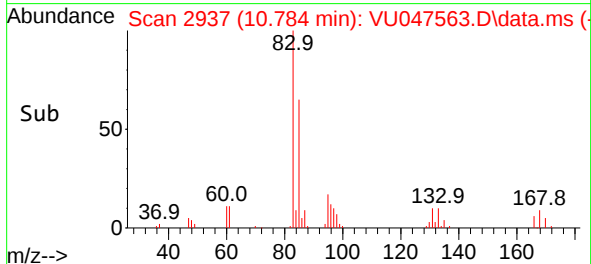
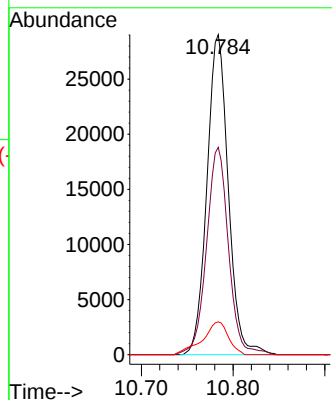
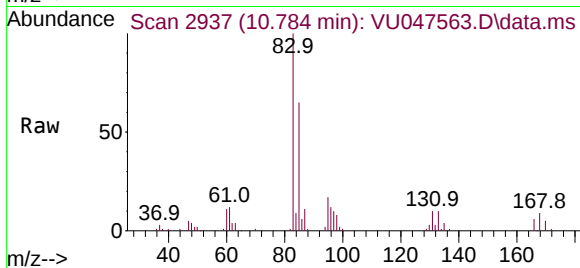
Tgt Ion: 83 Resp: 46913

Ion Ratio Lower Upper

83 100

85 64.8 46.7 86.7

131 10.3 8.0 12.0



#59

Bromoform

Concen: 5.374 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU047563.D

Acq: 15 Mar 2022 02:22

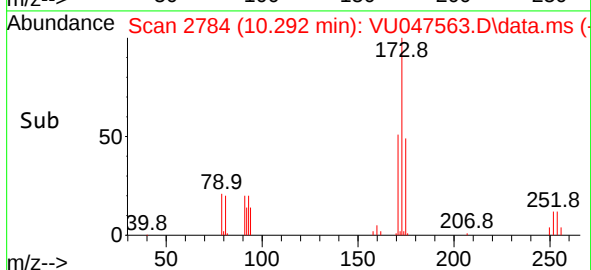
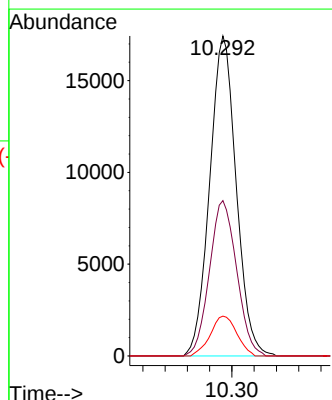
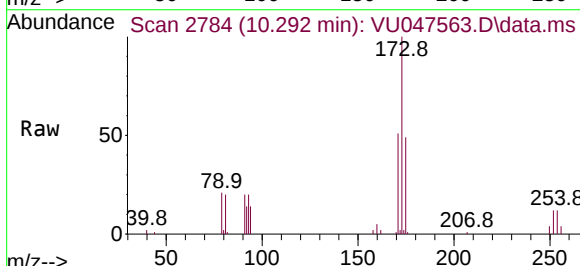
Tgt Ion:173 Resp: 28759

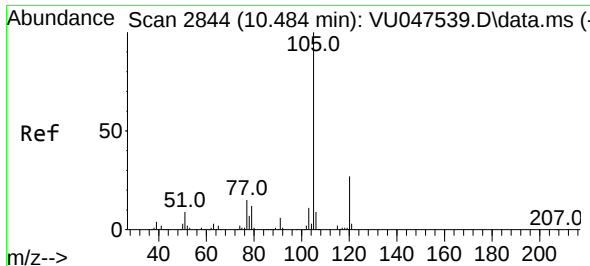
Ion Ratio Lower Upper

173 100

175 49.8 39.7 59.5

254 12.5 9.0 13.6

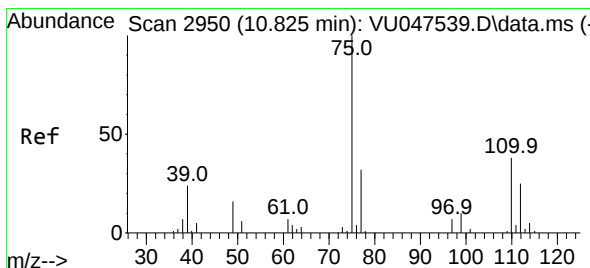
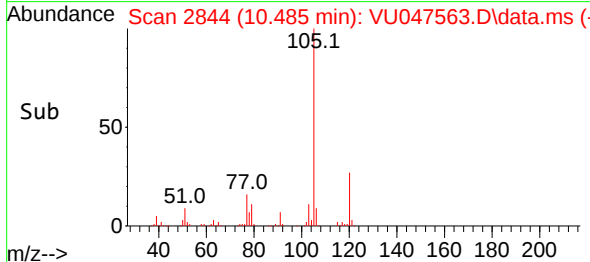
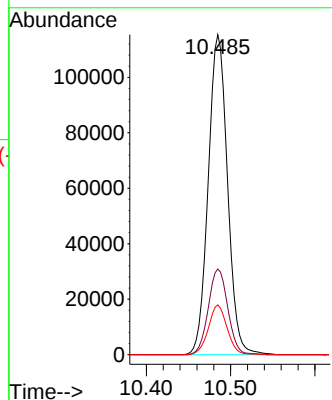
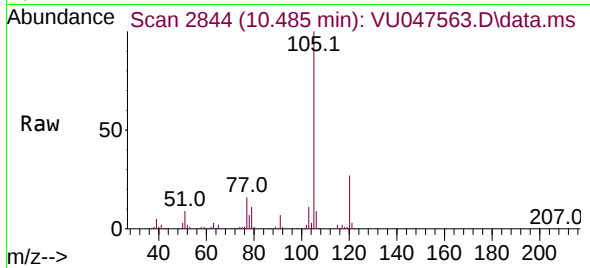




#60
Isopropylbenzene
Concen: 5.360 ug/L
RT: 10.485 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047563.D
Acq: 15 Mar 2022 02:22

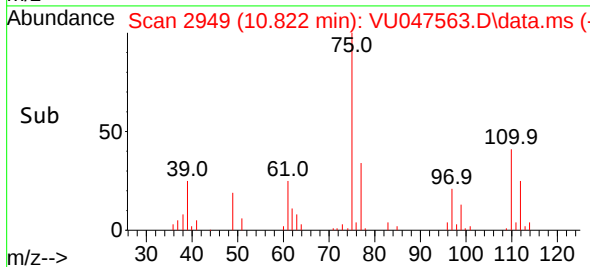
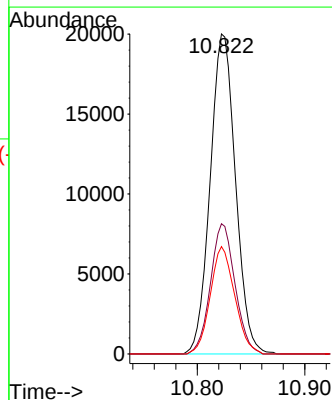
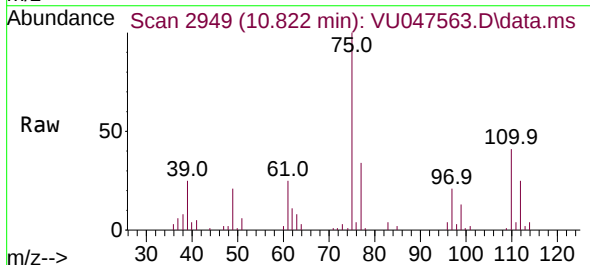
Instrument :
MSVOA_U
ClientSampleId :
VSTD005101

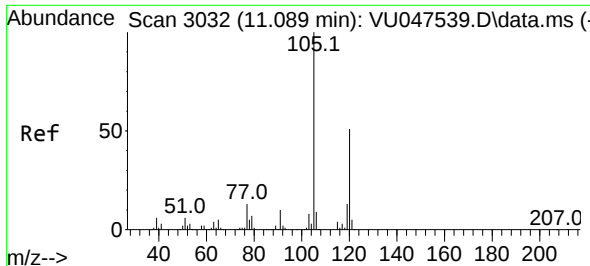
Tgt Ion:105 Resp: 183678
Ion Ratio Lower Upper
105 100
120 27.1 22.2 33.4
77 15.1 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.148 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU047563.D
Acq: 15 Mar 2022 02:22

Tgt Ion: 75 Resp: 32752
Ion Ratio Lower Upper
75 100
110 39.3 30.2 45.4
77 32.4 26.6 39.8

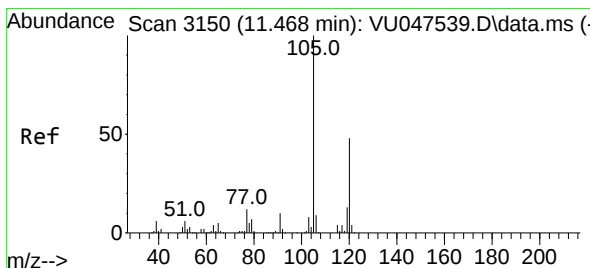
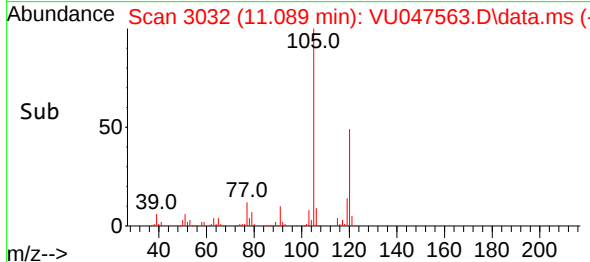
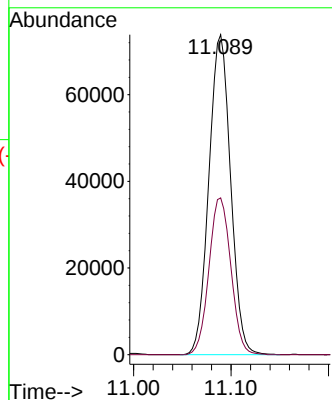
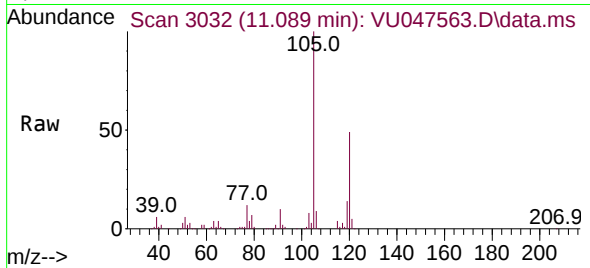




#62
 1,3,5-Trimethylbenzene
 Concen: 5.228 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU047563.D
 Acq: 15 Mar 2022 02:22

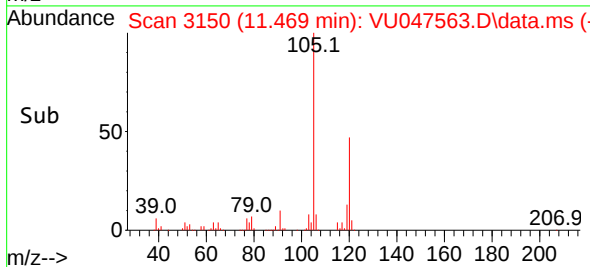
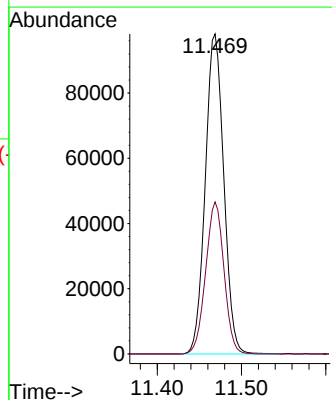
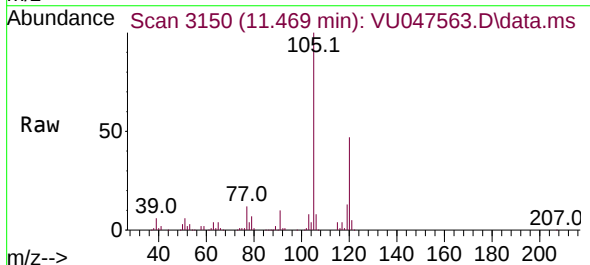
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005101

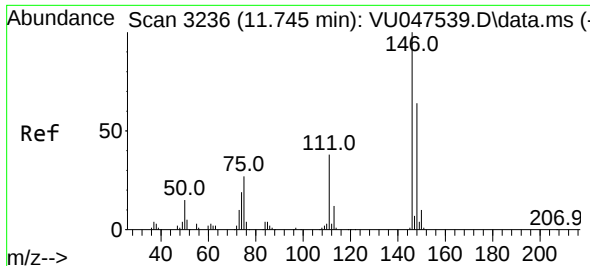
Tgt Ion:105 Resp: 114384
 Ion Ratio Lower Upper
 105 100
 120 49.4 40.2 60.4



#63
 1,2,4-Trimethylbenzene
 Concen: 5.283 ug/L
 RT: 11.469 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU047563.D
 Acq: 15 Mar 2022 02:22

Tgt Ion:105 Resp: 150035
 Ion Ratio Lower Upper
 105 100
 120 47.1 38.2 57.4

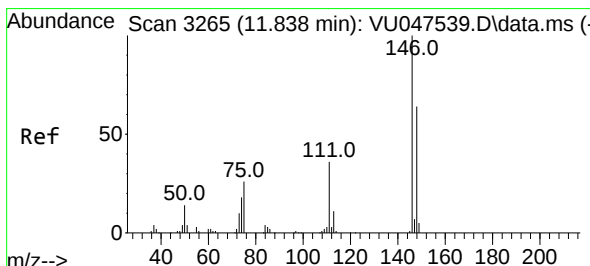
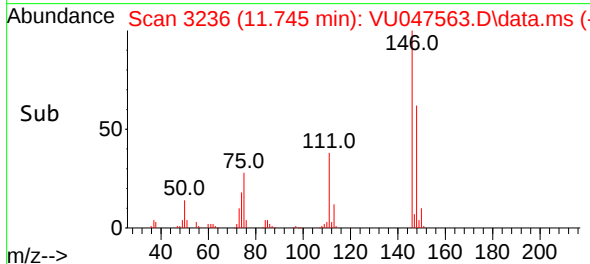
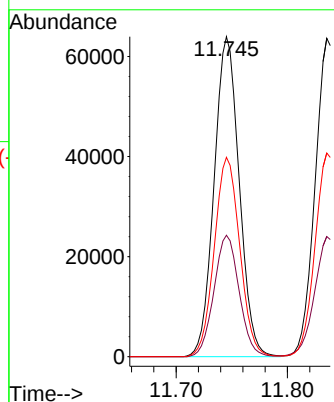
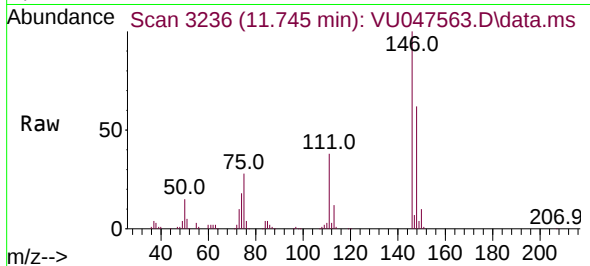




#64
1,3-Dichlorobenzene
Concen: 5.235 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047563.D
Acq: 15 Mar 2022 02:22

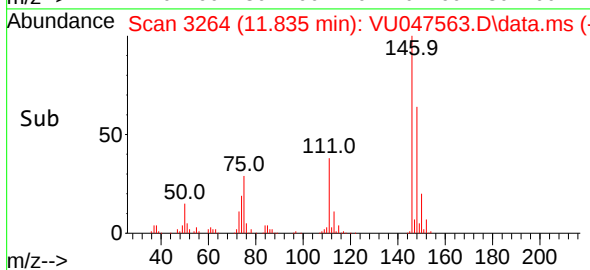
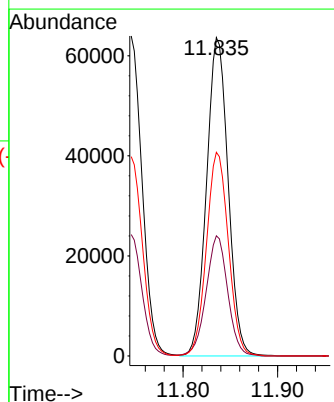
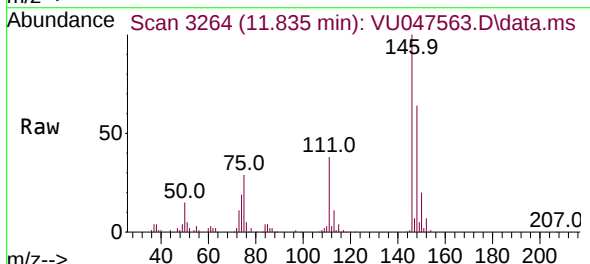
Instrument :
MSVOA_U
ClientSampleId :
VSTD005101

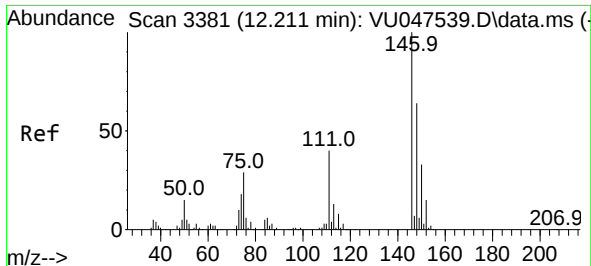
Tgt Ion:146 Resp: 100038
Ion Ratio Lower Upper
146 100
111 38.0 27.7 51.5
148 62.3 46.5 86.5



#65
1,4-Dichlorobenzene
Concen: 5.163 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU047563.D
Acq: 15 Mar 2022 02:22

Tgt Ion:146 Resp: 100789
Ion Ratio Lower Upper
146 100
111 37.8 26.2 48.8
148 64.0 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 5.146 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU047563.D

Acq: 15 Mar 2022 02:22

Instrument :

MSVOA_U

ClientSampleId :

VSTD005101

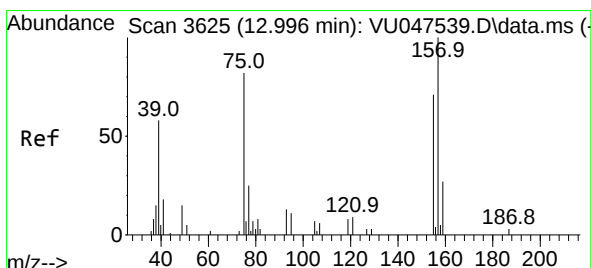
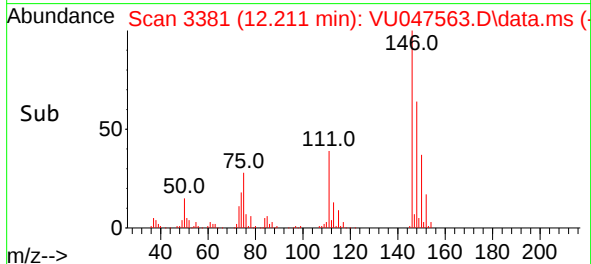
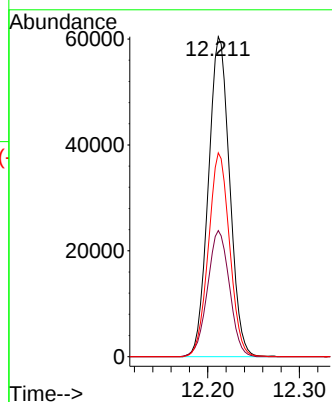
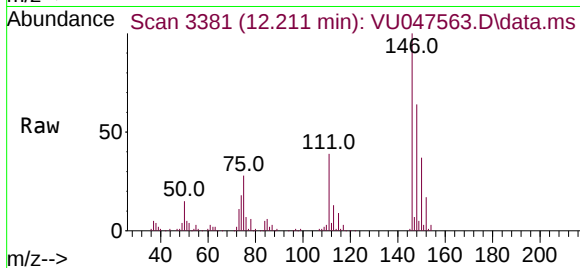
Tgt Ion:146 Resp: 97241

Ion Ratio Lower Upper

146 100

111 39.4 31.4 47.0

148 63.7 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 5.012 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU047563.D

Acq: 15 Mar 2022 02:22

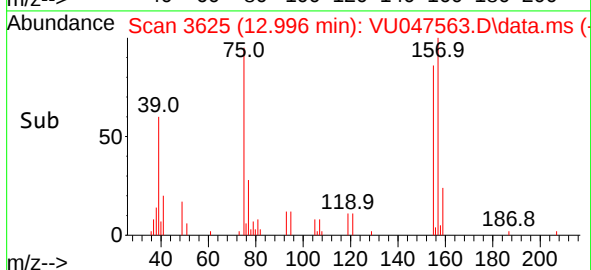
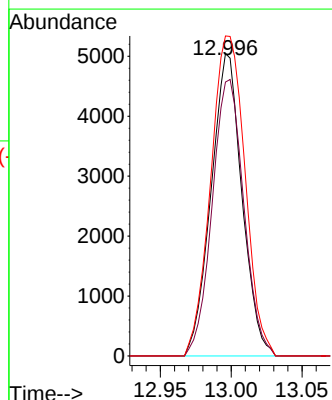
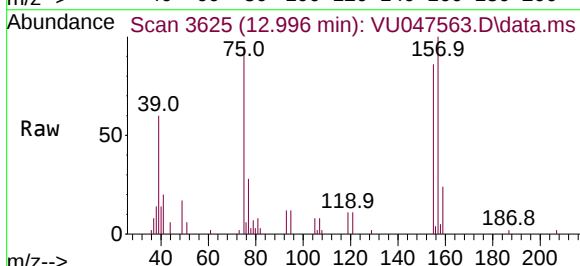
Tgt Ion: 75 Resp: 7650

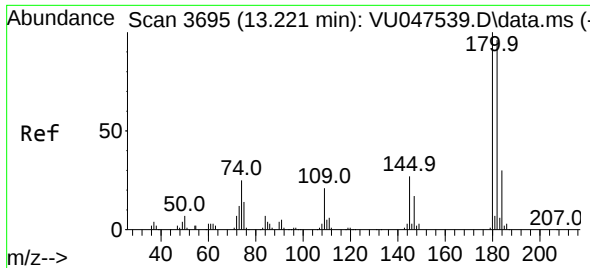
Ion Ratio Lower Upper

75 100

155 90.6 70.8 106.2

157 105.8 99.4 149.2

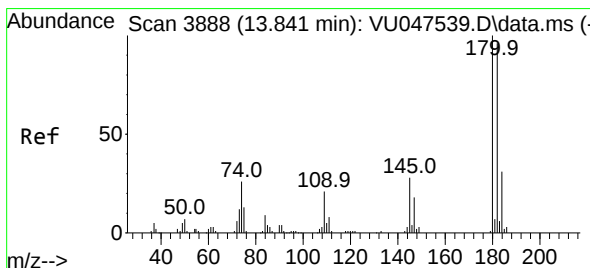
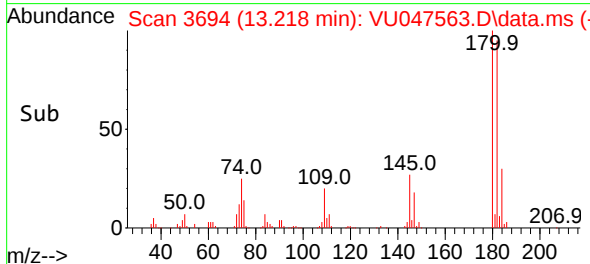
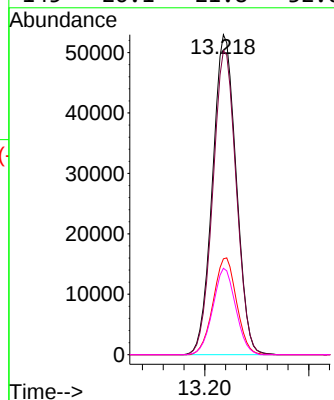
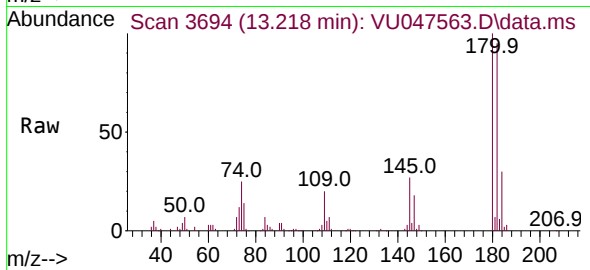




#69
 1,3,5-Trichlorobenzene
 Concen: 5.174 ug/L
 RT: 13.218 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU047563.D
 Acq: 15 Mar 2022 02:22

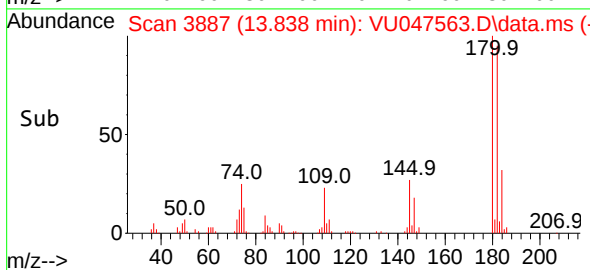
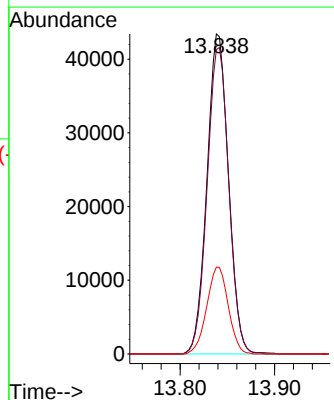
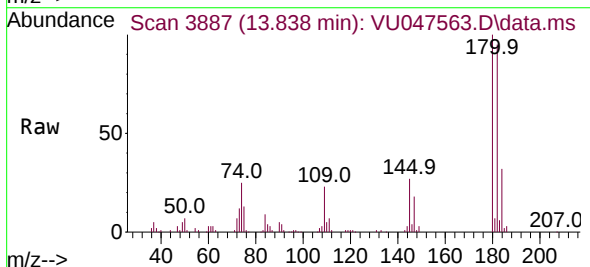
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005101

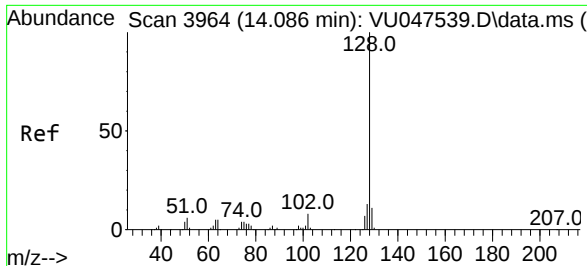
Tgt Ion:180	Resp:	83588
Ion Ratio	Lower	Upper
180	100	
182	94.3	77.3 115.9
184	29.9	24.3 36.5
145	26.1	21.8 32.6



#70
 1,2,4-trichlorobenzene
 Concen: 4.846 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.003 min
 Lab File: VU047563.D
 Acq: 15 Mar 2022 02:22

Tgt Ion:180	Resp:	68868
Ion Ratio	Lower	Upper
180	100	
182	96.0	76.6 114.8
145	27.0	22.5 33.7

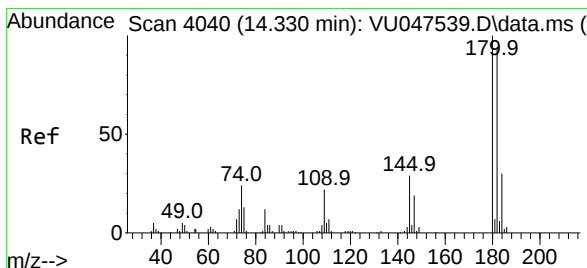
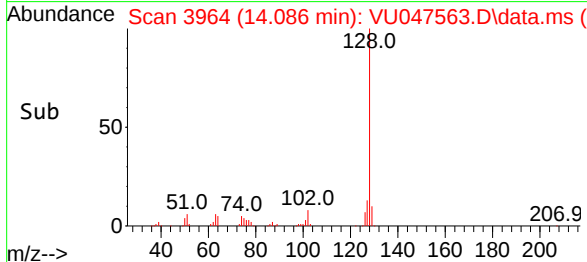
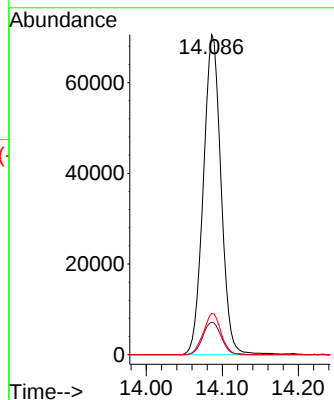
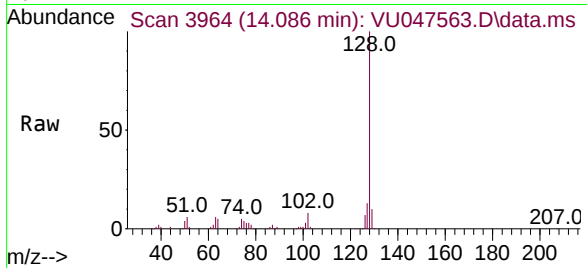




#71
Naphthalene
Concen: 4.315 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU047563.D
Acq: 15 Mar 2022 02:22

Instrument :
MSVOA_U
ClientSampleId :
VSTD005101

Tgt Ion:128 Resp: 113816
Ion Ratio Lower Upper
128 100
129 10.5 8.7 13.1
127 13.0 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.891 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047563.D
Acq: 15 Mar 2022 02:22

Tgt Ion:180 Resp: 66705
Ion Ratio Lower Upper
180 100
182 95.2 77.8 116.8
145 28.5 23.7 35.5

