

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031022\
 Data File : VU047477.D
 Acq On : 10 Mar 2022 22:44
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005095

Quant Time: Mar 11 00:59:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 11 00:52:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	138536	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	133149	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	74619	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	35157	4.679	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.600%
7) Chloroethane-d5	1.919	69	27030	4.900	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.571	65	16110	4.854	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	4.649	46	74931	56.014	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.020%
24) Chloroform-d	5.067	84	61625	5.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.706	65	30203	4.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.729	84	123438	4.929	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.693	67	36822	4.970	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.899	98	120327	4.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	8.182	79	15850	5.038	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.800%
46) 2-Hexanone-d5	8.636	63	69694	50.293	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.580%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32605	5.050	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	46493	4.914	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	48872	4.712	ug/L	97
3) Chloromethane	1.523	50	53190	5.135	ug/L	98
5) Vinyl chloride	1.607	62	53684	5.269	ug/L	99
6) Bromomethane	1.861	94	25027	4.308	ug/L	100
8) Chloroethane	1.938	64	31975	5.167	ug/L	100
9) Trichlorofluoromethane	2.144	101	67237	5.009	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	38326	4.624	ug/L	98
12) 1,1-Dichloroethene	2.588	96	41849	5.145	ug/L	99
13) Acetone	2.661	43	70522	57.378	ug/L	96
14) Carbon disulfide	2.800	76	124919	5.003	ug/L	99
15) Methyl Acetate	2.967	43	19595	6.033	ug/L	98
16) Methylene chloride	3.054	84	51541	5.309	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	112339	5.356	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	44568	5.118	ug/L	97
19) 1,1-Dichloroethane	3.877	63	79918	5.396	ug/L	99
21) 2-Butanone	4.726	43	126007	56.930	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	50610	5.245	ug/L	99
23) Bromochloromethane	4.980	128	24961	5.414	ug/L	91
25) Chloroform	5.092	83	85750	5.347	ug/L	99

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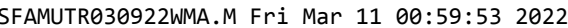
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 ClientSampleId :
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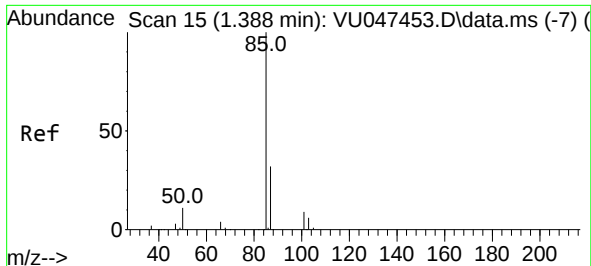
Quant Time: Mar 11 00:59:45 2022
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	55360	5.362	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	72448	5.266	ug/L	98
30) Cyclohexane	5.391	56	64066	4.834	ug/L	98
31) Carbon tetrachloride	5.530	117	62475	5.171	ug/L	99
33) Benzene	5.777	78	187671	5.219	ug/L	100
34) Trichloroethene	6.546	95	48901	5.087	ug/L	98
35) Methylcyclohexane	6.764	83	64596	4.260	ug/L	99
37) 1,2-Dichloropropane	6.793	63	49005	5.472	ug/L	99
38) Bromodichloromethane	7.108	83	64337	5.411	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	70578	5.198	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	331711	54.334	ug/L	99
42) Toluene	7.970	91	202433	5.182	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	63784	5.209	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	40638	5.537	ug/L	98
47) Tetrachloroethene	8.555	164	38193	4.684	ug/L	97
48) 2-Hexanone	8.687	43	246018	55.544	ug/L	98
49) Dibromochloromethane	8.812	129	48268	5.414	ug/L	99
50) 1,2-Dibromoethane	8.925	107	39772	5.325	ug/L	98
51) Chlorobenzene	9.446	112	132984	5.089	ug/L	100
52) Ethylbenzene	9.571	91	210517	4.976	ug/L	99
53) m,p-Xylene	9.693	106	80195	4.832	ug/L	95
54) o-Xylene	10.102	106	81460	5.066	ug/L	97
55) Styrene	10.115	104	139141	5.119	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	53409	5.436	ug/L	100
59) Bromoform	10.291	173	30871	5.495	ug/L	99
60) Isopropylbenzene	10.484	105	206959	4.957	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	37627	5.444	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	129810	4.740	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	168841	4.753	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	107505	4.858	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	108299	4.819	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	107261	5.045	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	8296	5.324	ug/L	91
69) 1,3,5-Trichlorobenzene	13.217	180	82261	4.532	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	74179	4.585	ug/L	100
71) Naphthalene	14.085	128	143994	4.976	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	72700	4.901	ug/L	100

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

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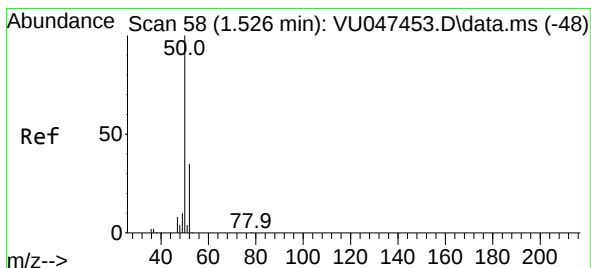
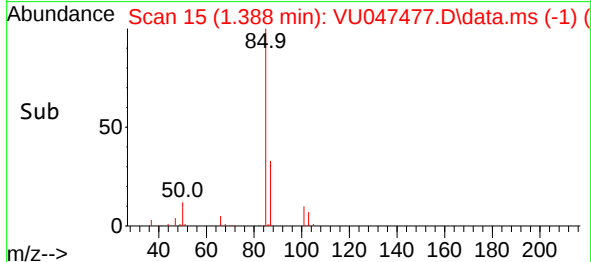
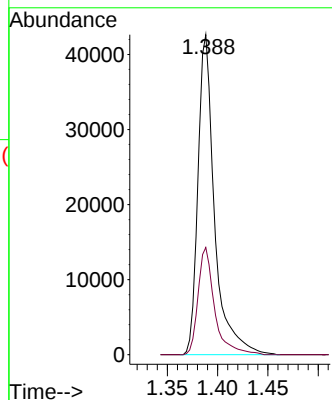
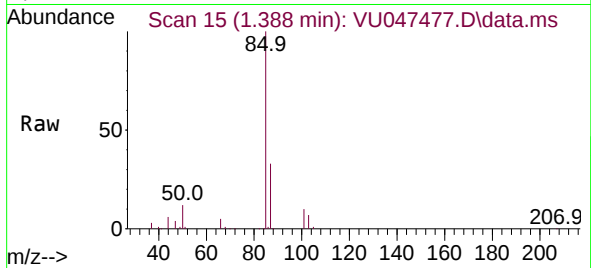




#2
Dichlorodifluoromethane
Concen: 4.712 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047477.D
Acq: 10 Mar 2022 22:44

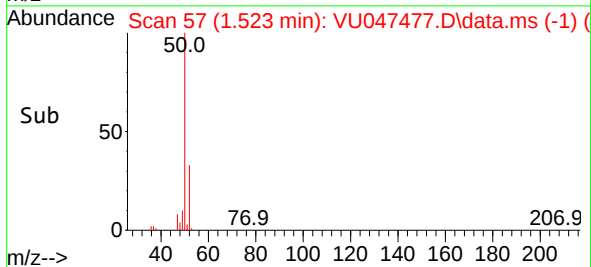
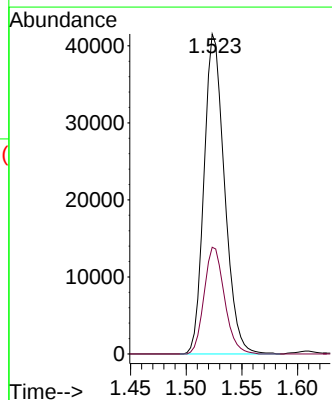
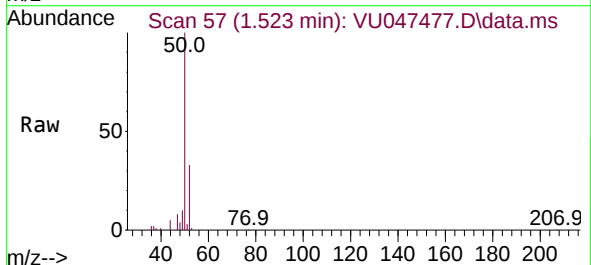
Instrument :
MSVOA_U
ClientSampleId :
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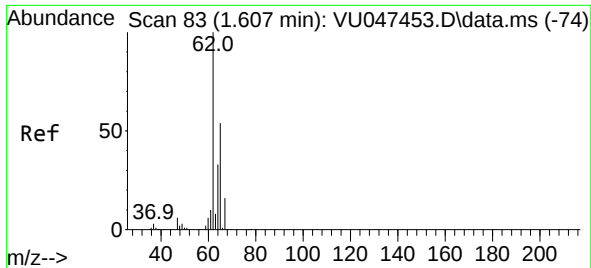
Tgt Ion: 85 Resp: 48872
Ion Ratio Lower Upper
85 100
87 33.5 25.6 38.4



#3
Chloromethane
Concen: 5.135 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.003 min
Lab File: VU047477.D
Acq: 10 Mar 2022 22:44

Tgt Ion: 50 Resp: 53190
Ion Ratio Lower Upper
50 100
52 33.4 22.5 41.9

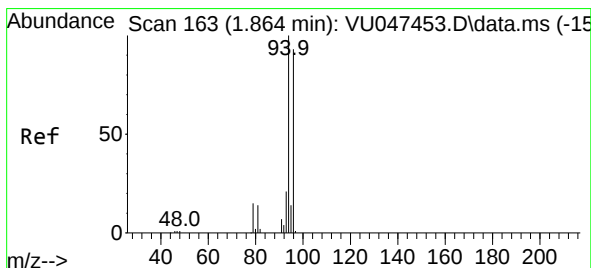
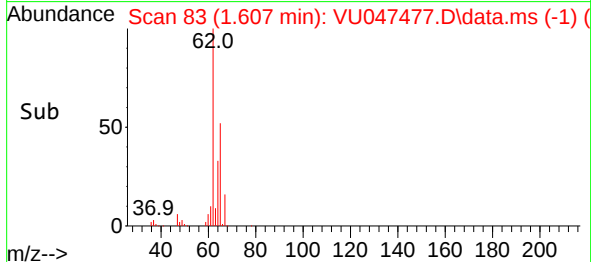
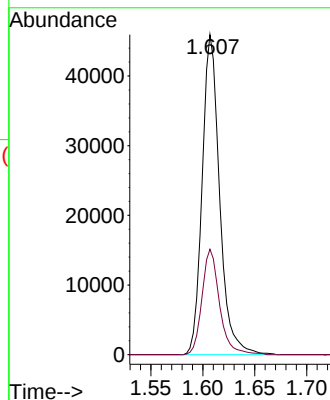
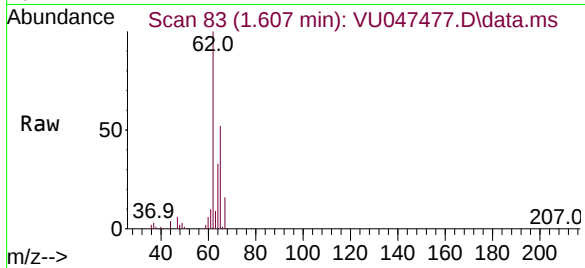




#5
 Vinyl chloride
 Concen: 5.269 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047477.D
 Acq: 10 Mar 2022 22:44

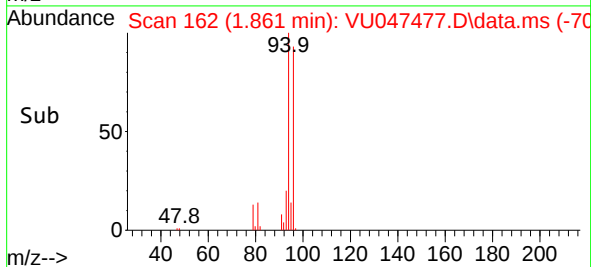
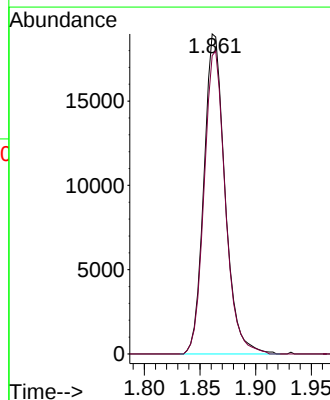
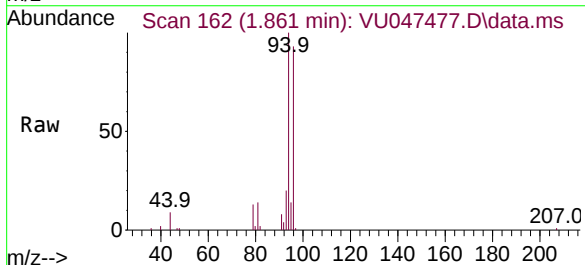
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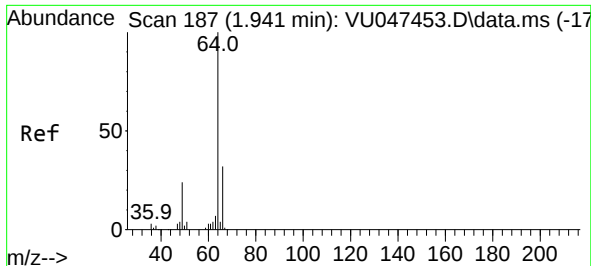
Tgt Ion: 62 Resp: 53684
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.7 43.9



#6
 Bromomethane
 Concen: 4.308 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU047477.D
 Acq: 10 Mar 2022 22:44

Tgt Ion: 94 Resp: 25027
 Ion Ratio Lower Upper
 94 100
 96 93.3 65.6 121.8

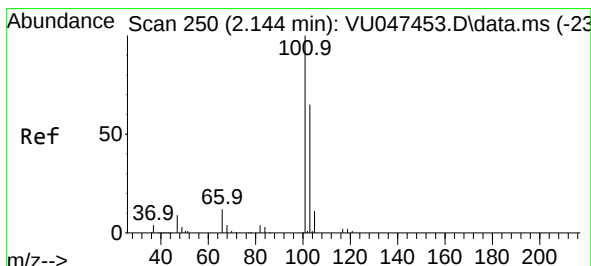
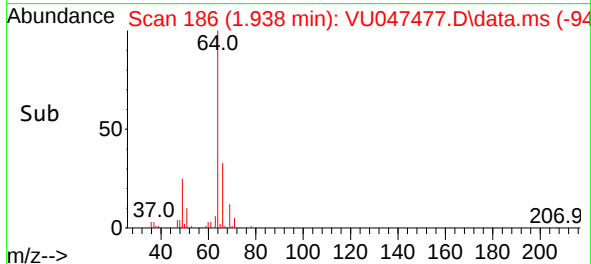
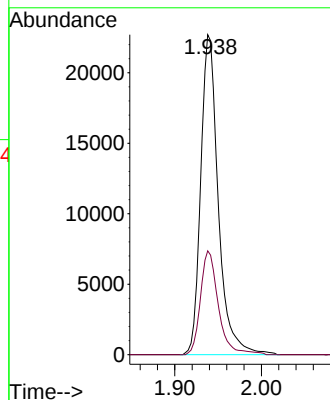
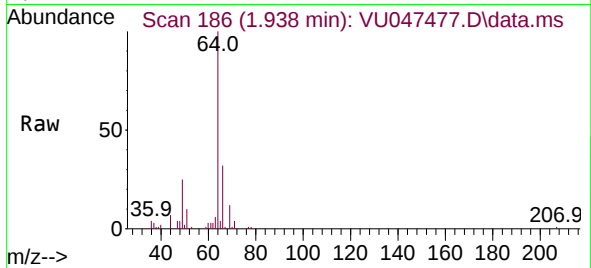




#8
Chloroethane
Concen: 5.167 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047477.D
Acq: 10 Mar 2022 22:44

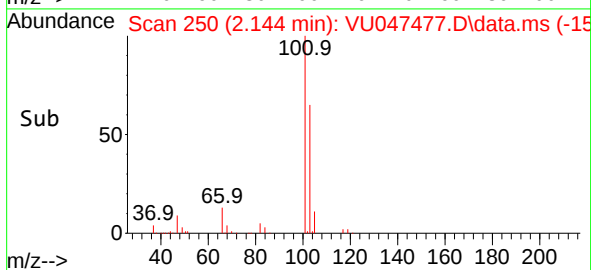
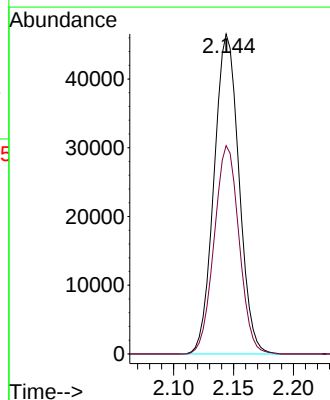
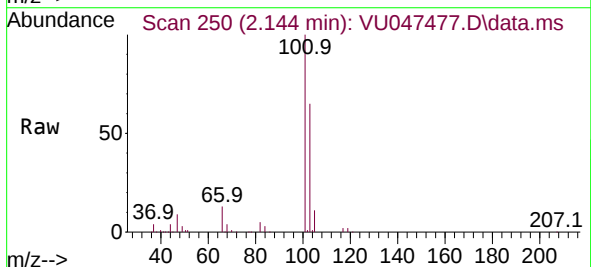
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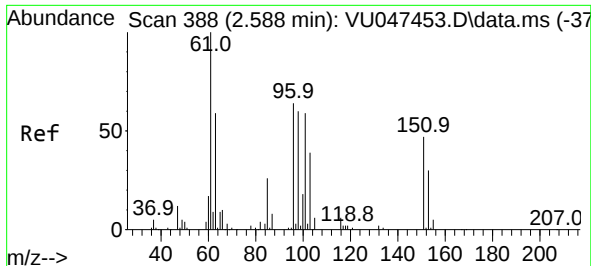
Tgt Ion: 64 Resp: 31975
Ion Ratio Lower Upper
64 100
66 32.4 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.009 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047477.D
Acq: 10 Mar 2022 22:44

Tgt Ion: 101 Resp: 67237
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.8

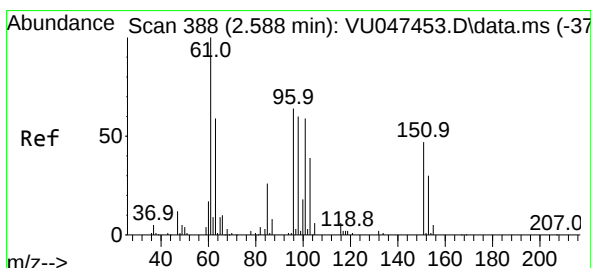
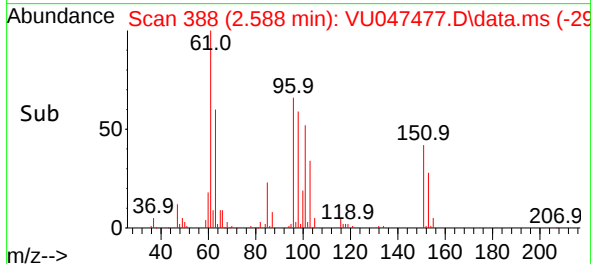
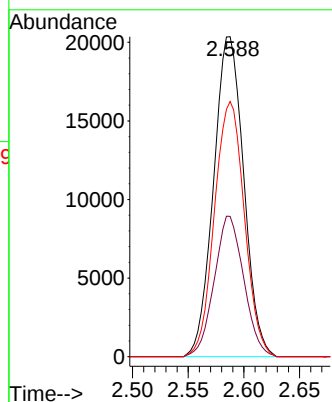
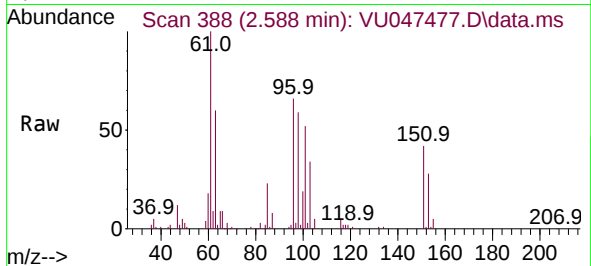




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.624 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU047477.D
 Acq: 10 Mar 2022 22:44

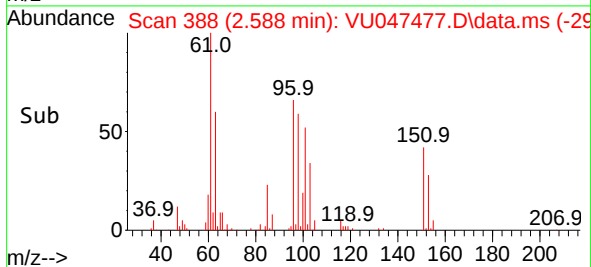
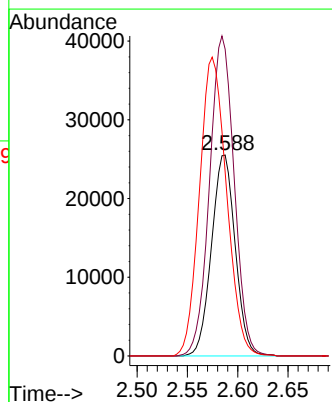
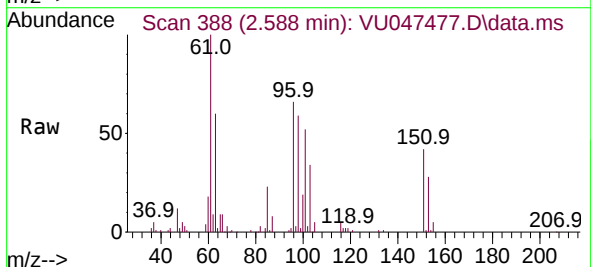
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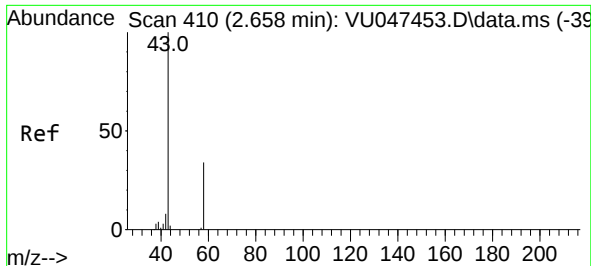
Tgt Ion:101 Resp: 38326
 Ion Ratio Lower Upper
 101 100
 85 43.0 33.8 50.6
 151 79.1 64.8 97.2



#12
 1,1-Dichloroethene
 Concen: 5.145 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU047477.D
 Acq: 10 Mar 2022 22:44

Tgt Ion: 96 Resp: 41849
 Ion Ratio Lower Upper
 96 100
 61 152.6 108.8 202.0
 63 91.5 64.0 119.0





#13

Acetone

Concen: 57.378 ug/L

RT: 2.661 min Scan# 411

Delta R.T. 0.003 min

Lab File: VU047477.D

Acq: 10 Mar 2022 22:44

Instrument :

MSVOA_U

ClientSampleId :

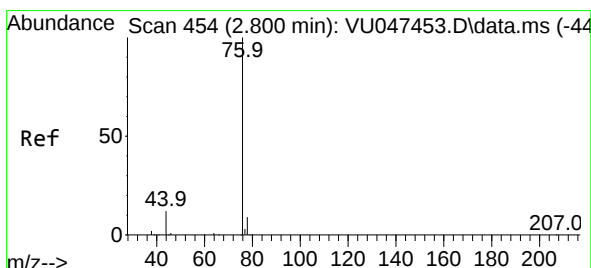
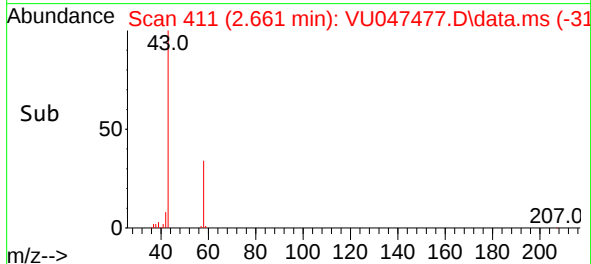
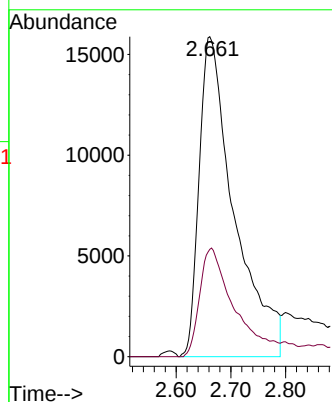
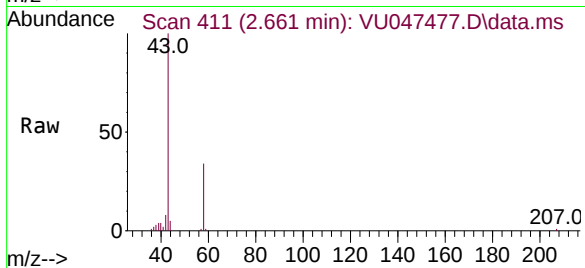
VSTD005095

Tgt Ion: 43 Resp: 70522

Ion Ratio Lower Upper

43 100

58 33.7 0.0 72.6



#14

Carbon disulfide

Concen: 5.003 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047477.D

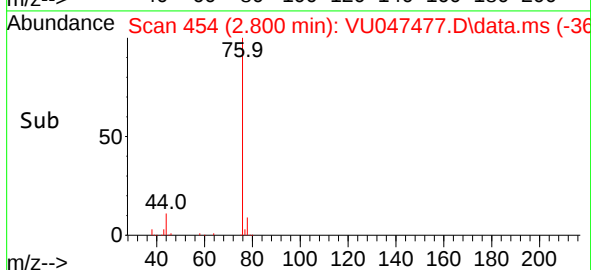
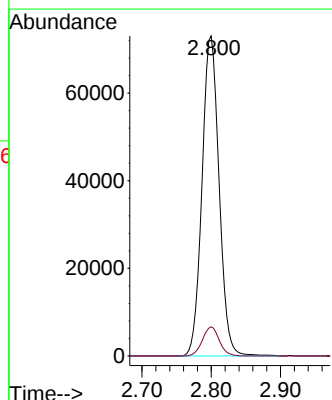
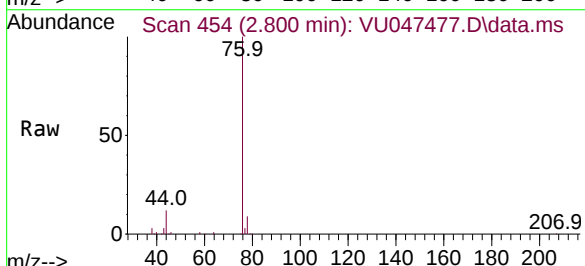
Acq: 10 Mar 2022 22:44

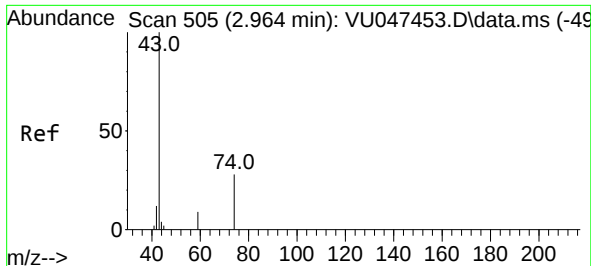
Tgt Ion: 76 Resp: 124919

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

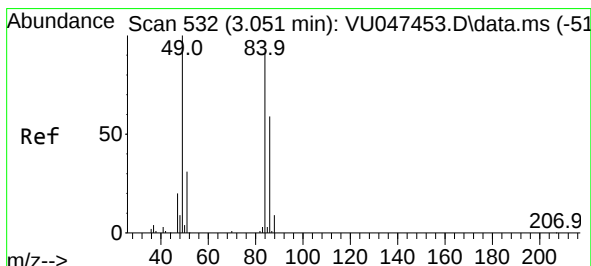
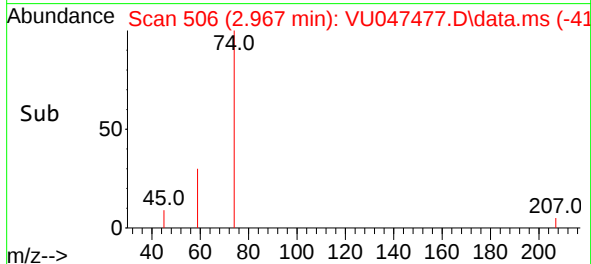
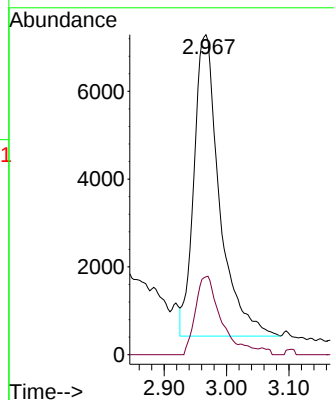
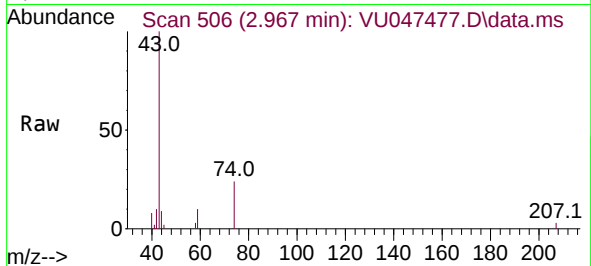




#15
Methyl Acetate
Concen: 6.033 ug/L
RT: 2.967 min Scan# 505
Delta R.T. 0.003 min
Lab File: VU047477.D
Acq: 10 Mar 2022 22:44

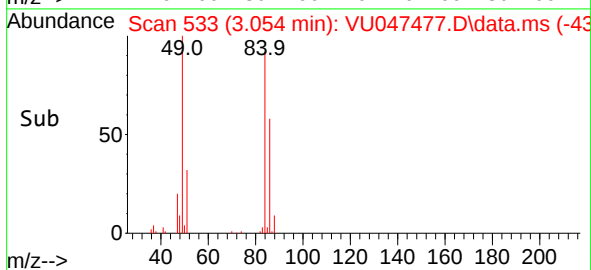
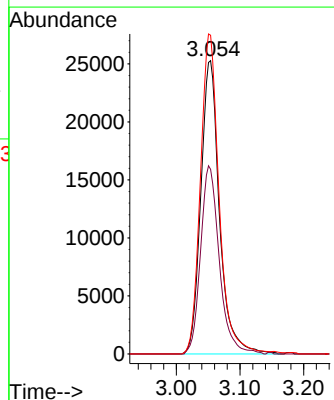
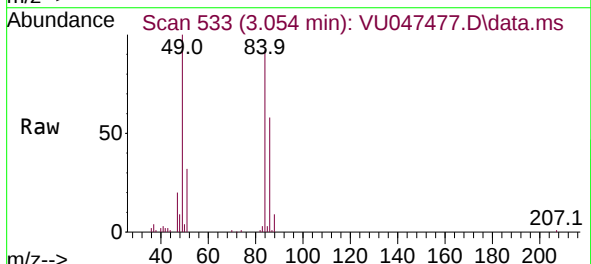
Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

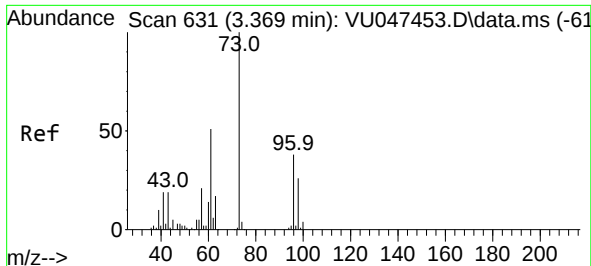
Tgt Ion: 43 Resp: 19595
Ion Ratio Lower Upper
43 100
74 26.2 20.2 30.2



#16
Methylene chloride
Concen: 5.309 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU047477.D
Acq: 10 Mar 2022 22:44

Tgt Ion: 84 Resp: 51541
Ion Ratio Lower Upper
84 100
86 63.0 45.9 85.3
49 108.7 76.4 141.8

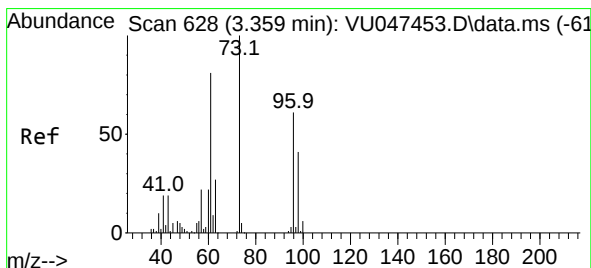
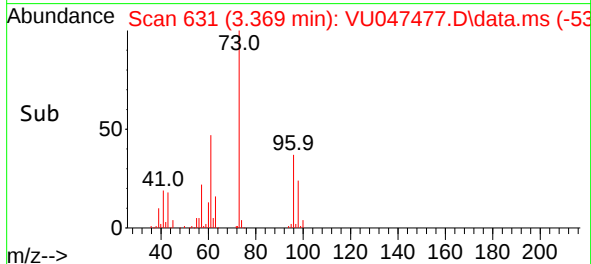
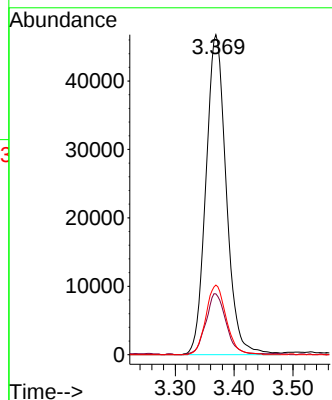
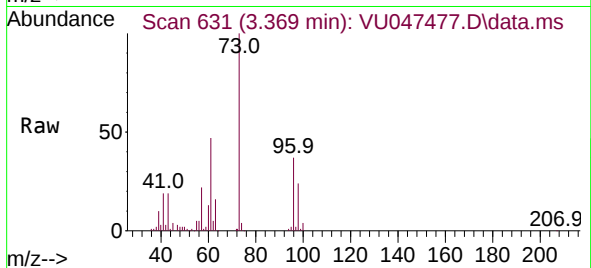




#17
Methyl tert-butyl Ether
Concen: 5.356 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047477.D
Acq: 10 Mar 2022 22:44

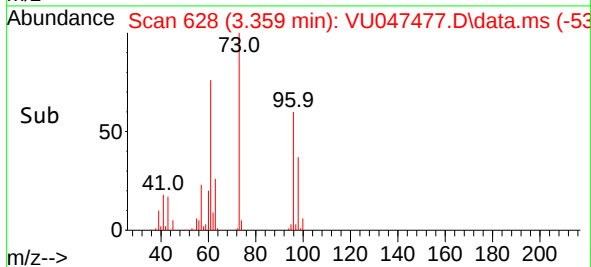
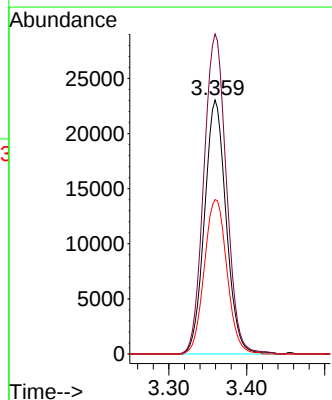
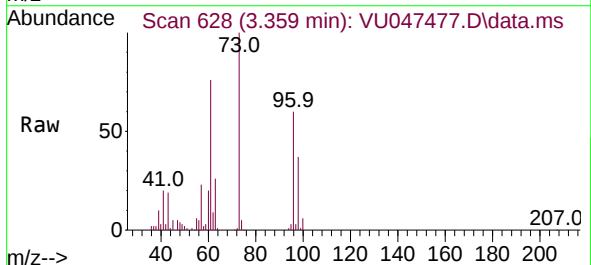
Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

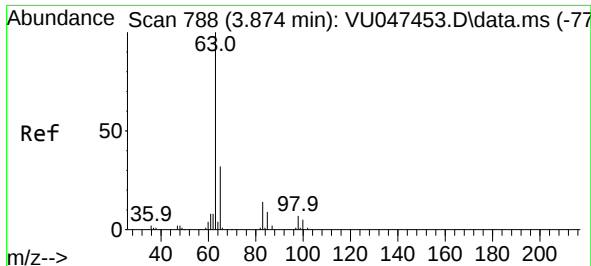
Tgt Ion: 73 Resp: 112339
Ion Ratio Lower Upper
73 100
43 19.1 14.6 22.0
57 21.8 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 5.118 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU047477.D
Acq: 10 Mar 2022 22:44

Tgt Ion: 96 Resp: 44568
Ion Ratio Lower Upper
96 100
61 126.0 90.4 167.8
98 60.8 45.0 83.6





#19

1,1-Dichloroethane

Concen: 5.396 ug/L

RT: 3.877 min Scan# 788

Delta R.T. 0.003 min

Lab File: VU047477.D

Acq: 10 Mar 2022 22:44

Instrument :

MSVOA_U

ClientSampleId :

VSTD005095

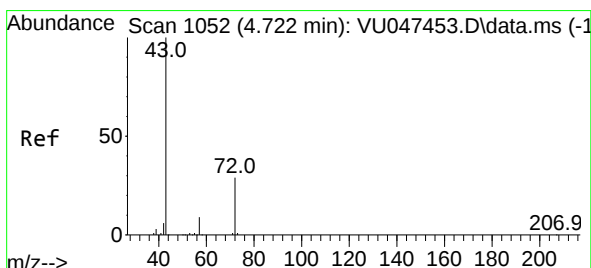
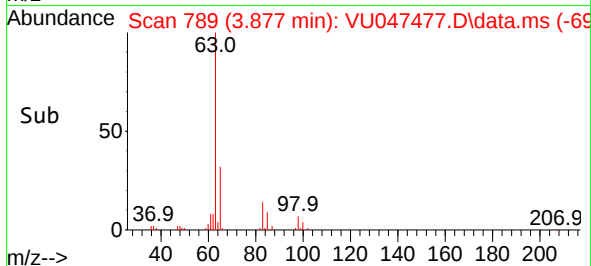
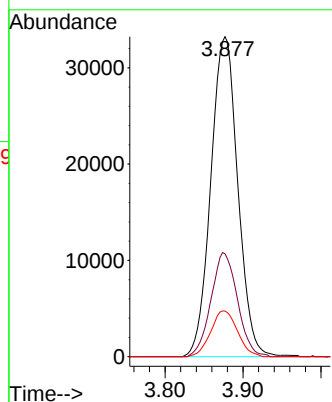
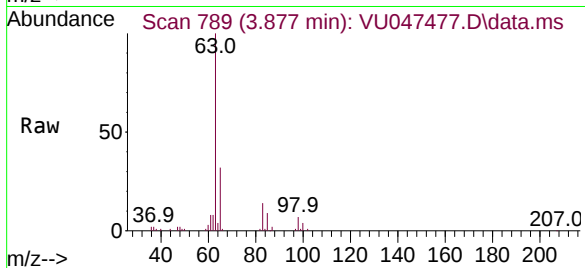
Tgt Ion: 63 Resp: 79918

Ion Ratio Lower Upper

63 100

65 32.2 22.8 42.4

83 14.2 9.9 18.3



#21

2-Butanone

Concen: 56.930 ug/L

RT: 4.726 min Scan# 1053

Delta R.T. 0.003 min

Lab File: VU047477.D

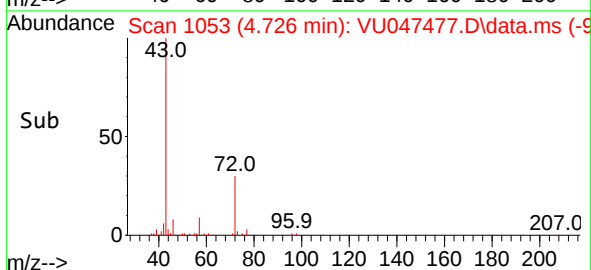
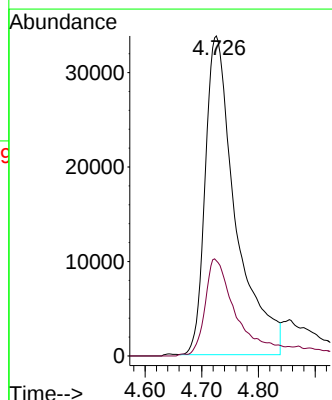
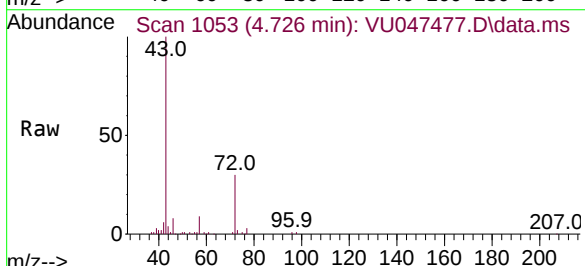
Acq: 10 Mar 2022 22:44

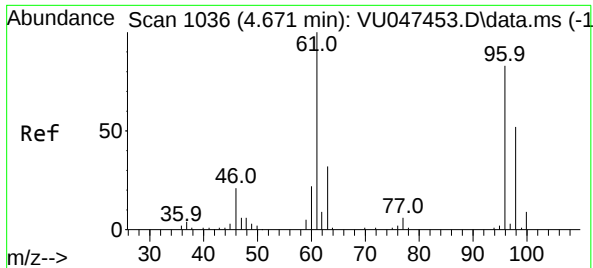
Tgt Ion: 43 Resp: 126007

Ion Ratio Lower Upper

43 100

72 29.7 14.7 44.1

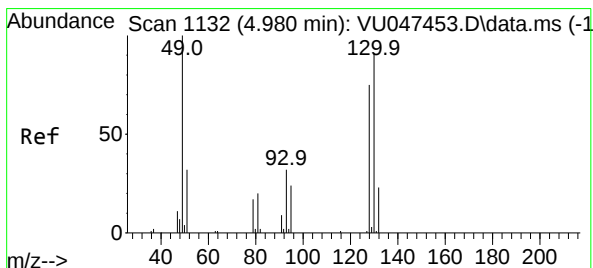
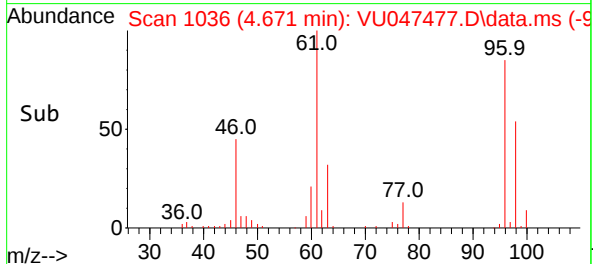
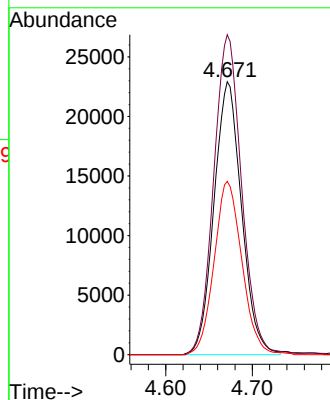
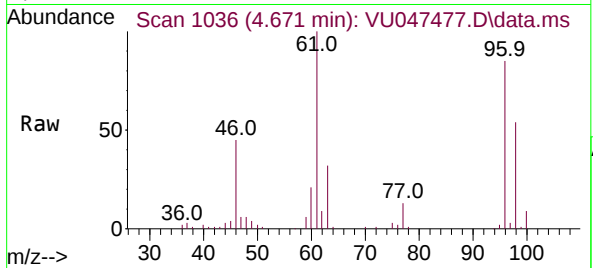




#22
 cis-1,2-Dichloroethene
 Concen: 5.245 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU047477.D
 Acq: 10 Mar 2022 22:44

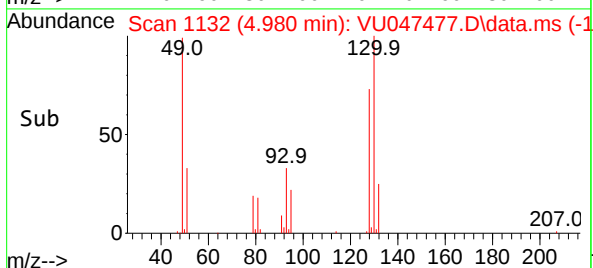
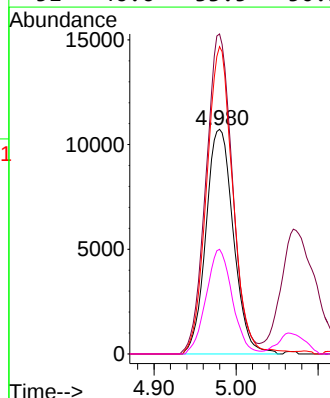
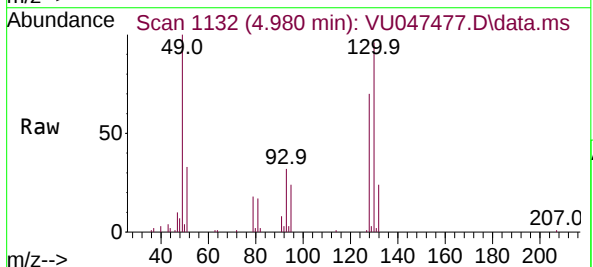
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005095

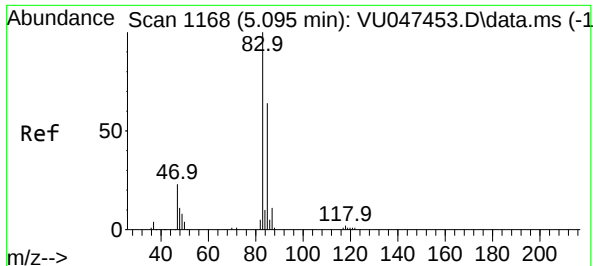
Tgt Ion: 96 Resp: 50610
 Ion Ratio Lower Upper
 96 100
 61 117.2 80.8 150.0
 98 63.5 44.7 83.1



#23
 Bromochloromethane
 Concen: 5.414 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VU047477.D
 Acq: 10 Mar 2022 22:44

Tgt Ion: 128 Resp: 24961
 Ion Ratio Lower Upper
 128 100
 49 142.5 91.6 170.2
 130 136.8 89.6 166.4
 51 46.6 33.5 50.3





#25

Chloroform

Concen: 5.347 ug/L

RT: 5.092 min Scan# 1168

Delta R.T. -0.003 min

Lab File: VU047477.D

Acq: 10 Mar 2022 22:44

Instrument :

MSVOA_U

ClientSampleId :

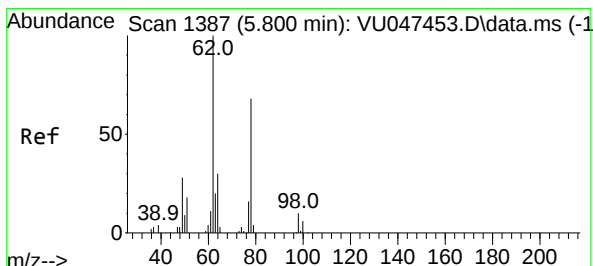
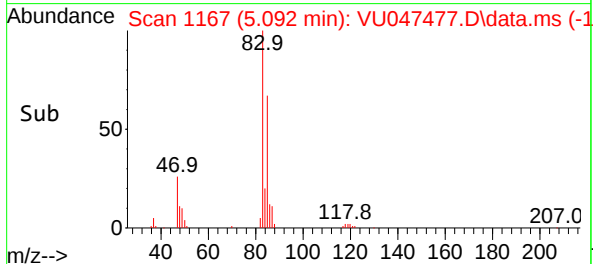
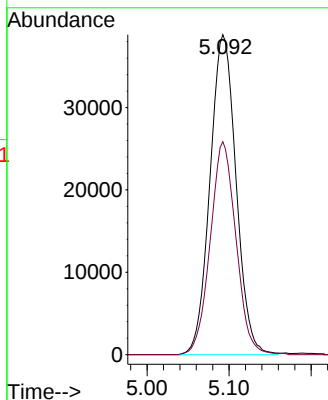
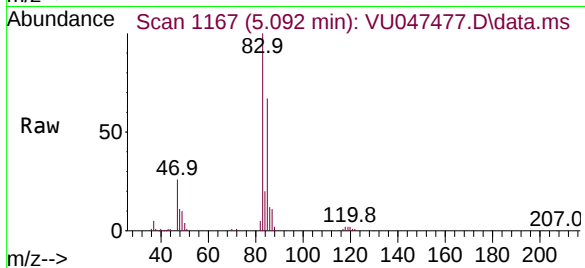
VSTD005095

Tgt Ion: 83 Resp: 85750

Ion Ratio Lower Upper

83 100

85 66.5 46.2 85.8



#27

1,2-Dichloroethane

Concen: 5.362 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU047477.D

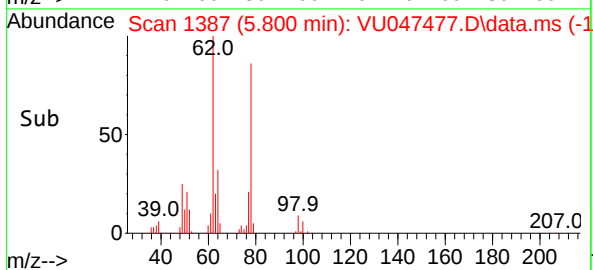
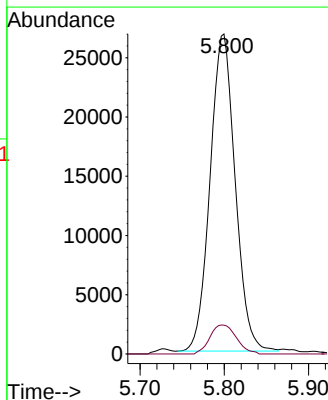
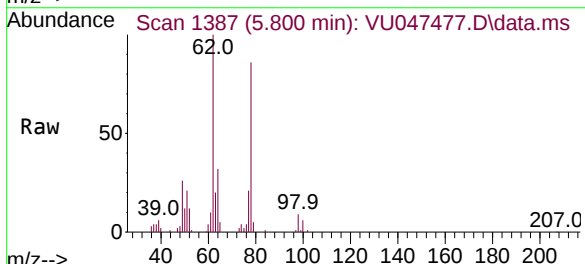
Acq: 10 Mar 2022 22:44

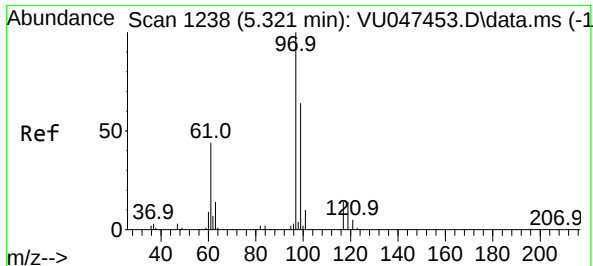
Tgt Ion: 62 Resp: 55360

Ion Ratio Lower Upper

62 100

98 9.0 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.266 ug/L

RT: 5.321 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047477.D

Acq: 10 Mar 2022 22:44

Instrument :

MSVOA_U

ClientSampleId :

VSTD005095

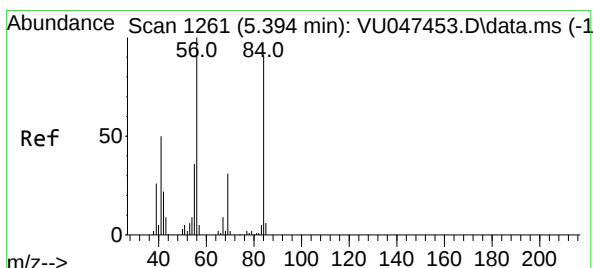
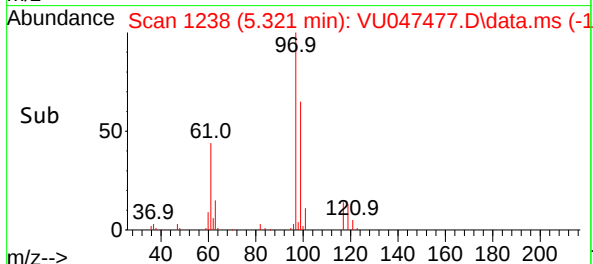
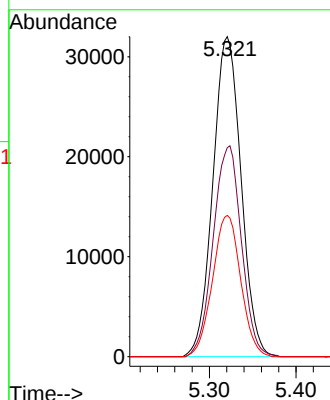
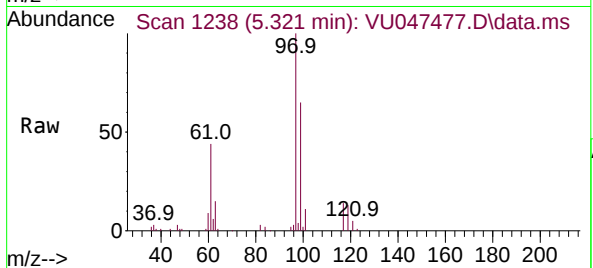
Tgt Ion: 97 Resp: 72448

Ion Ratio Lower Upper

97 100

99 65.9 52.1 78.1

61 44.1 33.8 50.6



#30

Cyclohexane

Concen: 4.834 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU047477.D

Acq: 10 Mar 2022 22:44

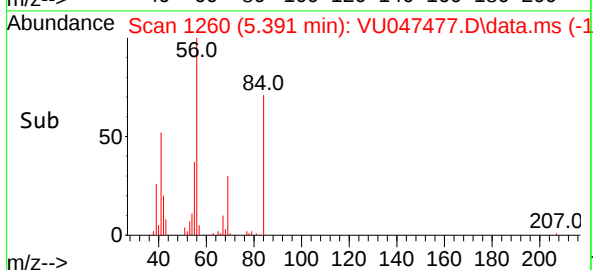
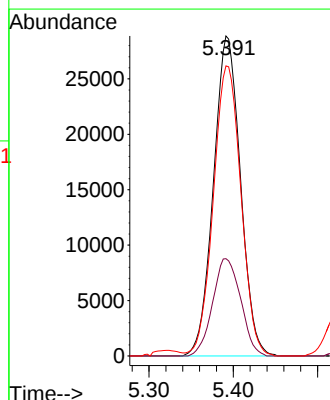
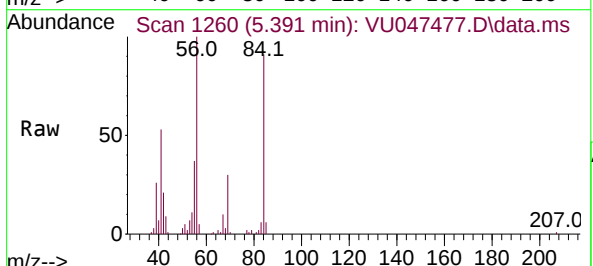
Tgt Ion: 56 Resp: 64066

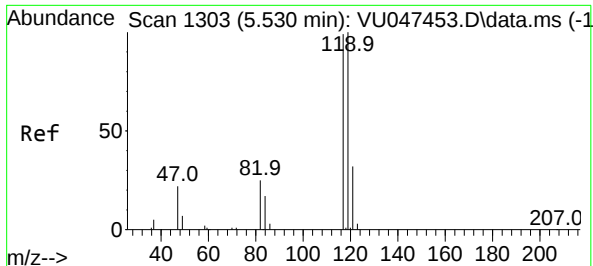
Ion Ratio Lower Upper

56 100

69 31.6 26.0 39.0

84 93.0 76.3 114.5

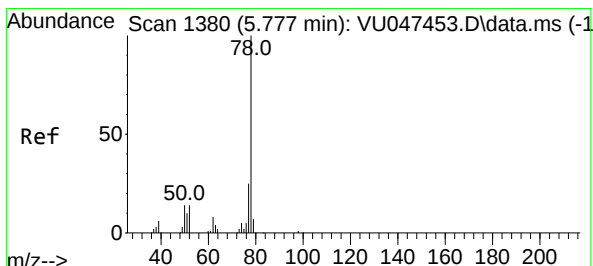
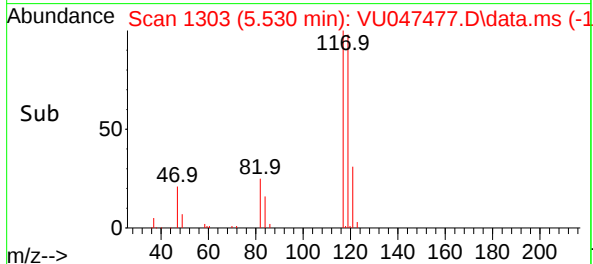
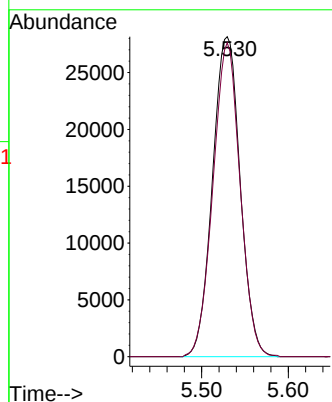
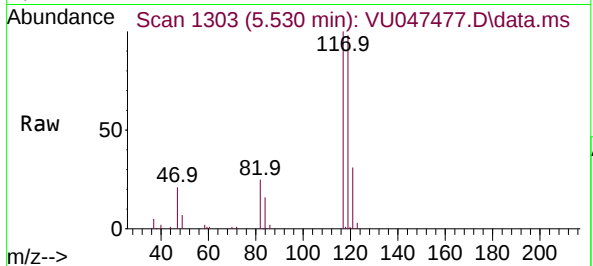




#31
Carbon tetrachloride
Concen: 5.171 ug/L
RT: 5.530 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VU047477.D
Acq: 10 Mar 2022 22:44

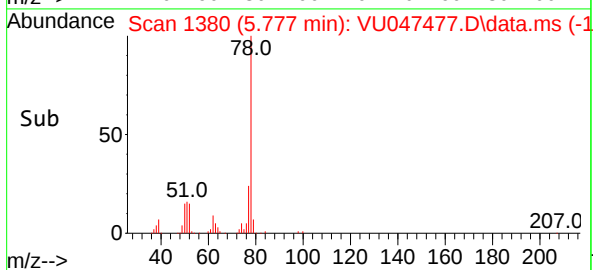
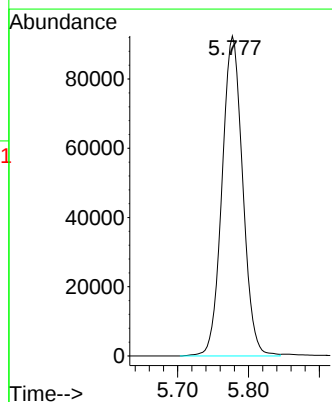
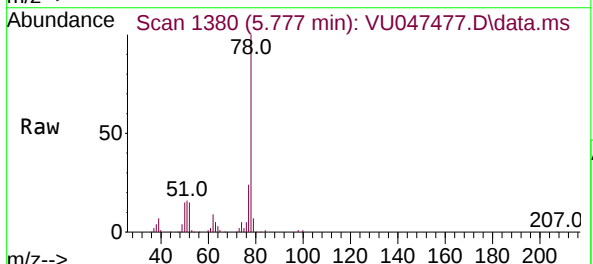
Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

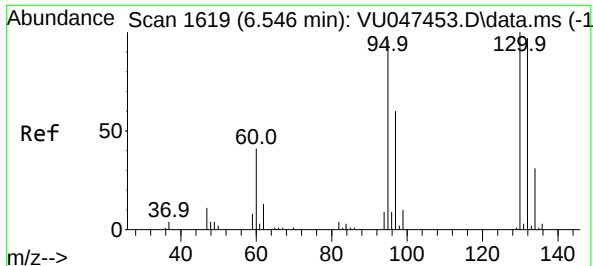
Tgt Ion:117 Resp: 62475
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8



#33
Benzene
Concen: 5.219 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047477.D
Acq: 10 Mar 2022 22:44

Tgt Ion: 78 Resp: 187671

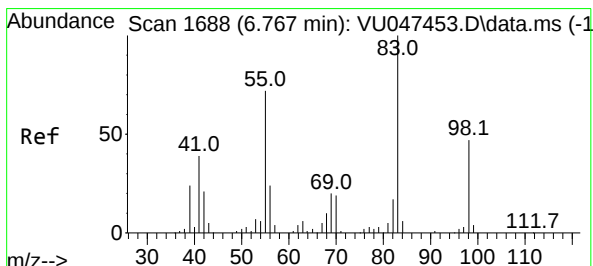
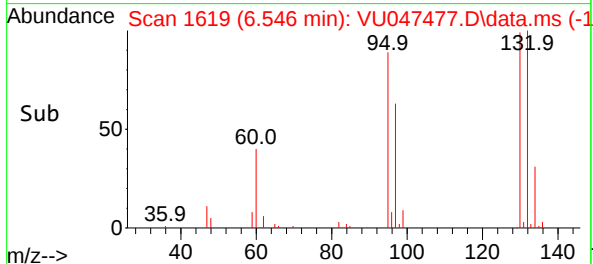
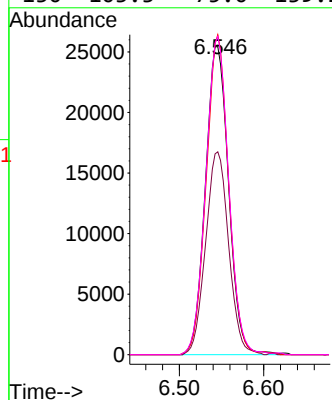
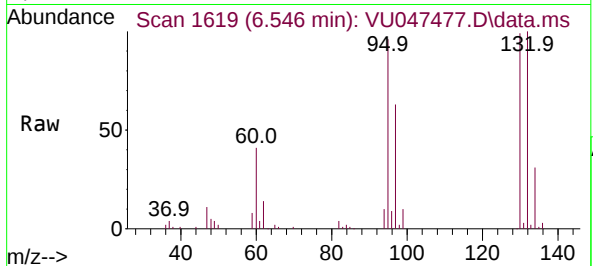




#34
Trichloroethene
Concen: 5.087 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047477.D
Acq: 10 Mar 2022 22:44

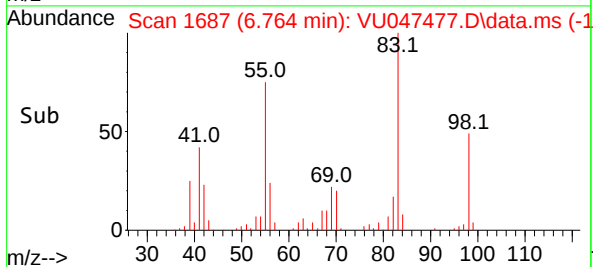
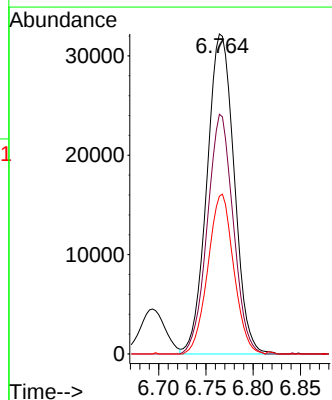
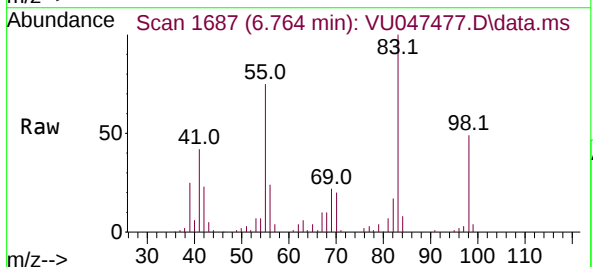
Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

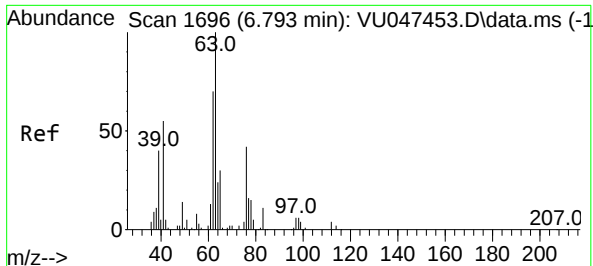
Tgt Ion: 95 Resp: 48901
Ion Ratio Lower Upper
95 100
97 65.8 46.3 85.9
132 103.9 71.7 133.1
130 103.3 75.0 139.2



#35
Methylcyclohexane
Concen: 4.260 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU047477.D
Acq: 10 Mar 2022 22:44

Tgt Ion: 83 Resp: 64596
Ion Ratio Lower Upper
83 100
55 71.2 57.8 86.8
98 47.2 38.0 57.0





#37

1,2-Dichloropropane

Concen: 5.472 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047477.D

Acq: 10 Mar 2022 22:44

Instrument :

MSVOA_U

ClientSampleId :

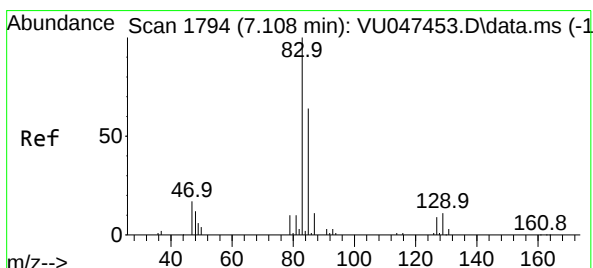
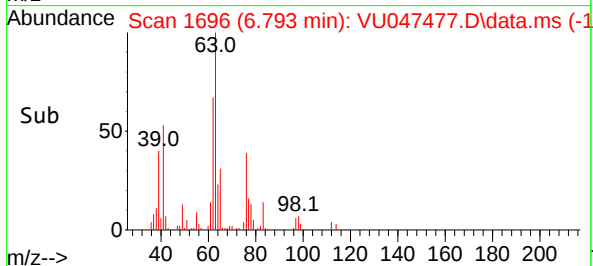
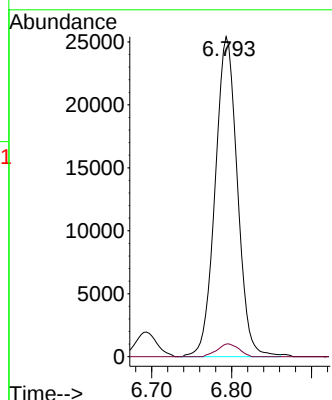
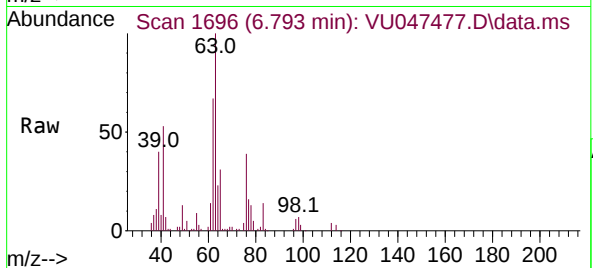
VSTD005095

Tgt Ion: 63 Resp: 49005

Ion Ratio Lower Upper

63 100

112 3.9 3.3 4.9



#38

Bromodichloromethane

Concen: 5.411 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047477.D

Acq: 10 Mar 2022 22:44

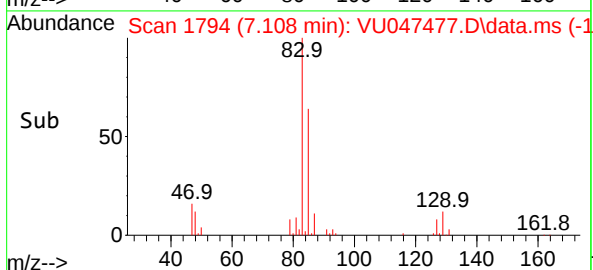
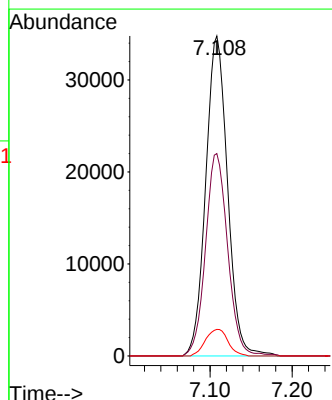
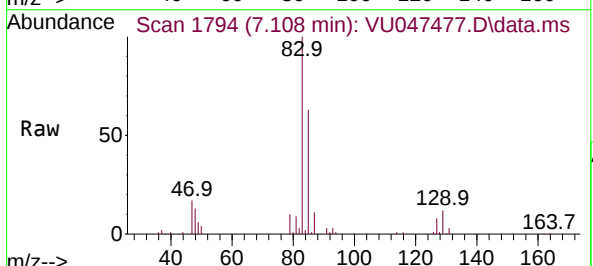
Tgt Ion: 83 Resp: 64337

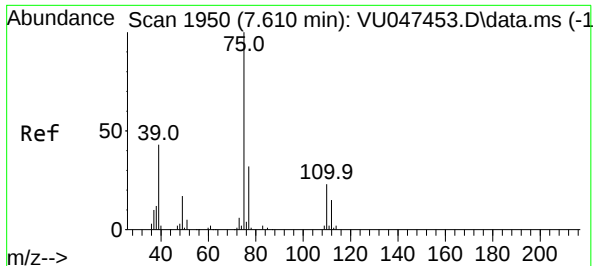
Ion Ratio Lower Upper

83 100

85 63.2 45.0 83.6

127 8.3 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 5.198 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047477.D

Acq: 10 Mar 2022 22:44

Instrument :

MSVOA_U

ClientSampleId :

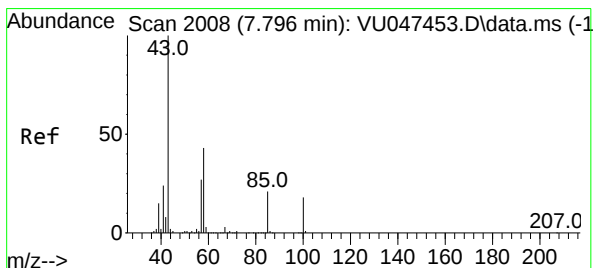
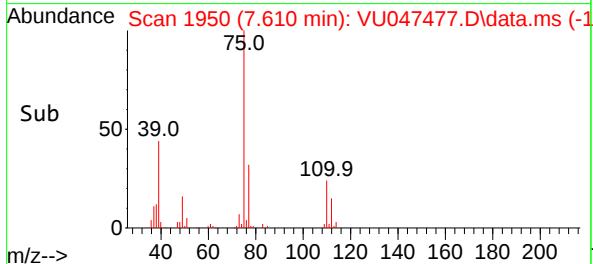
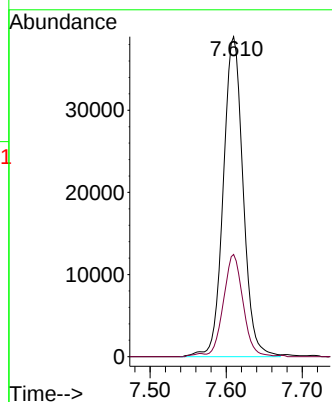
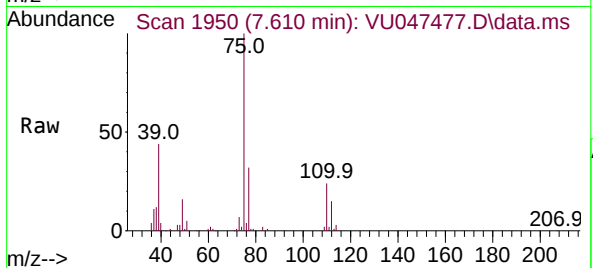
VSTD005095

Tgt Ion: 75 Resp: 70578

Ion Ratio Lower Upper

75 100

77 32.0 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 54.334 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU047477.D

Acq: 10 Mar 2022 22:44

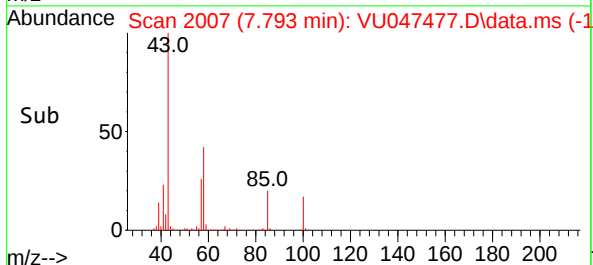
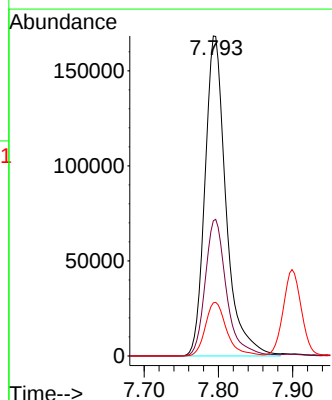
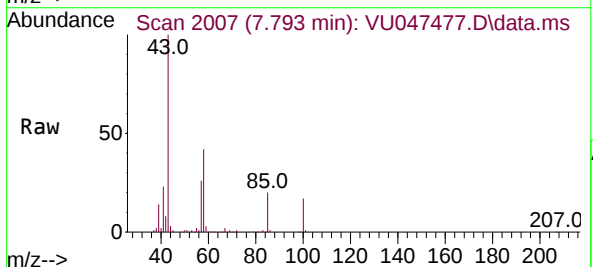
Tgt Ion: 43 Resp: 331711

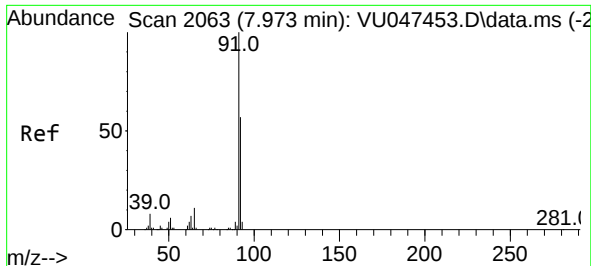
Ion Ratio Lower Upper

43 100

58 43.2 34.8 52.2

100 17.1 14.2 21.4





#42

Toluene

Concen: 5.182 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU047477.D

Acq: 10 Mar 2022 22:44

Instrument :

MSVOA_U

ClientSampleId :

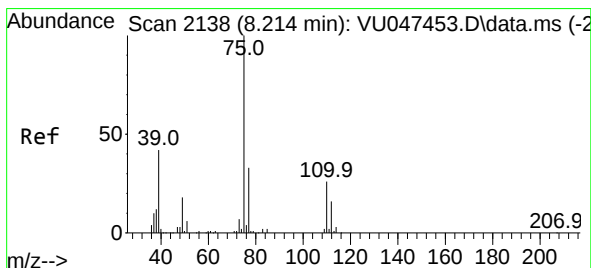
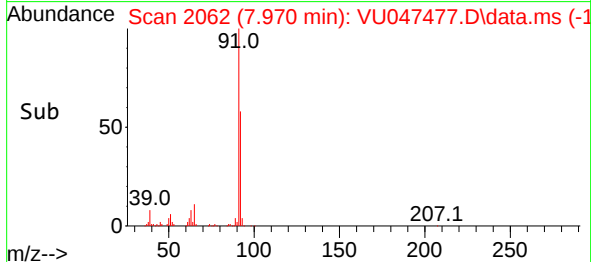
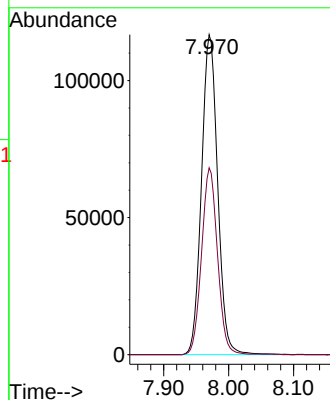
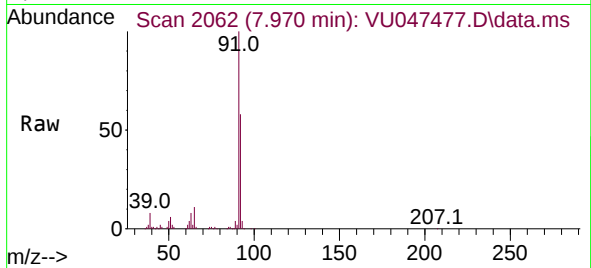
VSTD005095

Tgt Ion: 91 Resp: 202433

Ion Ratio Lower Upper

91 100

92 58.4 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.209 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU047477.D

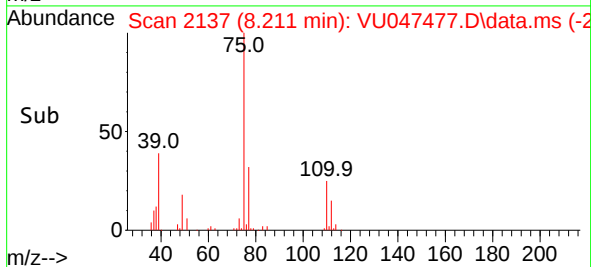
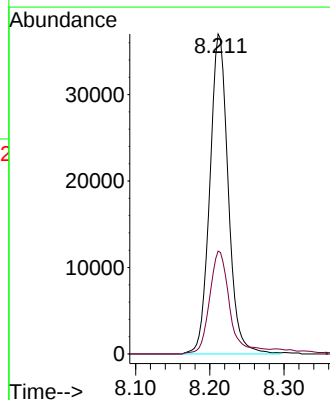
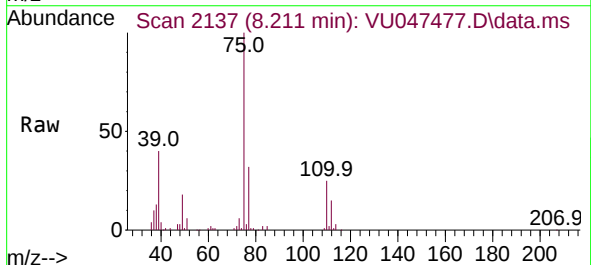
Acq: 10 Mar 2022 22:44

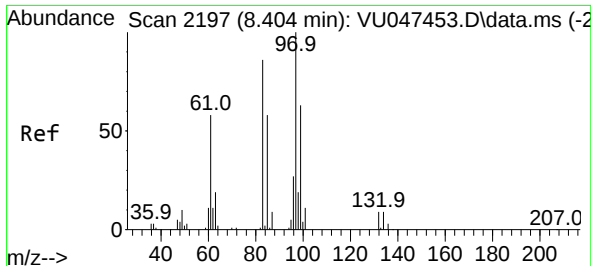
Tgt Ion: 75 Resp: 63784

Ion Ratio Lower Upper

75 100

77 32.1 23.6 43.8

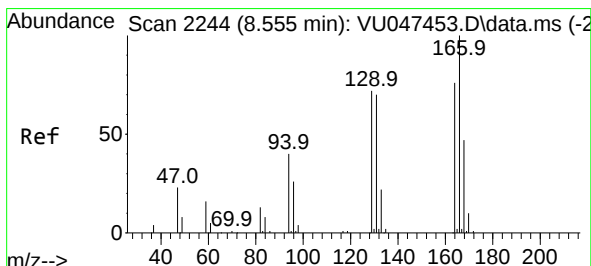
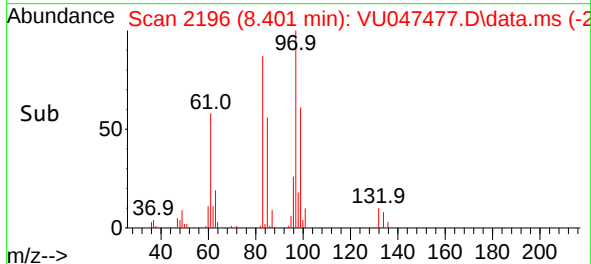
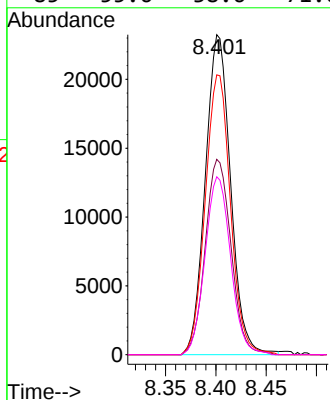
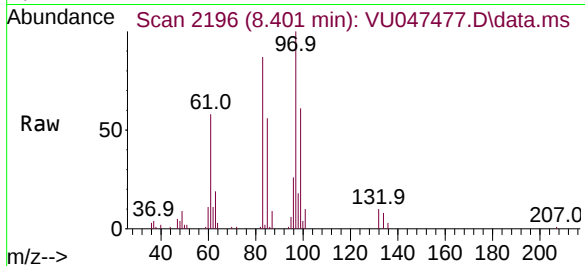




#45
1,1,2-Trichloroethane
Concen: 5.537 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU047477.D
Acq: 10 Mar 2022 22:44

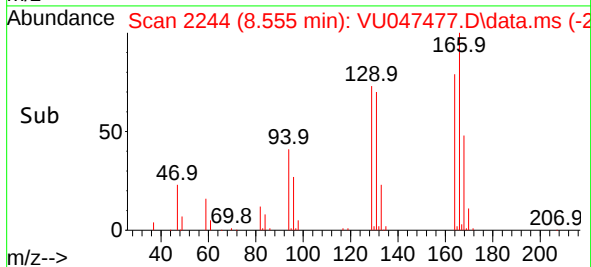
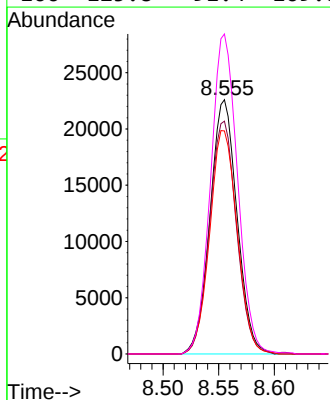
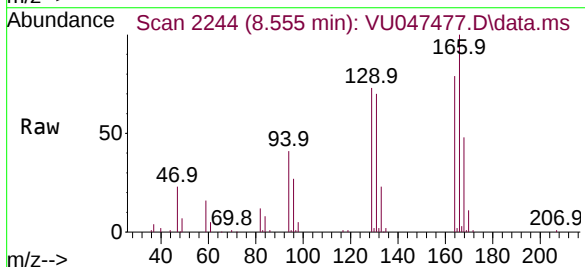
Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

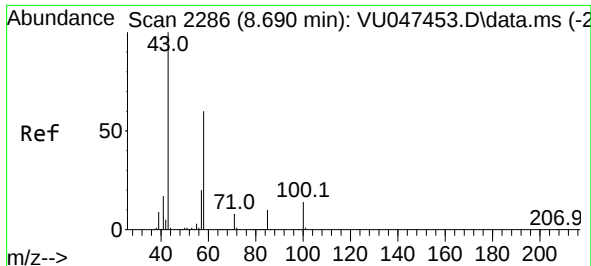
Tgt Ion:	97	Resp:	40638
Ion	Ratio	Lower	Upper
97	100		
99	61.0	43.3	80.5
83	87.4	59.1	109.9
85	55.6	38.6	71.6



#47
Tetrachloroethene
Concen: 4.684 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047477.D
Acq: 10 Mar 2022 22:44

Tgt Ion:	164	Resp:	38193
Ion	Ratio	Lower	Upper
164	100		
129	91.5	64.9	120.5
131	87.7	63.6	118.2
166	125.8	91.4	169.8

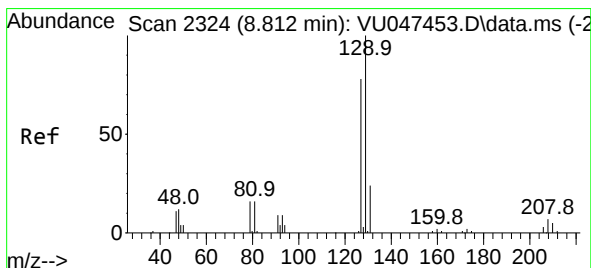
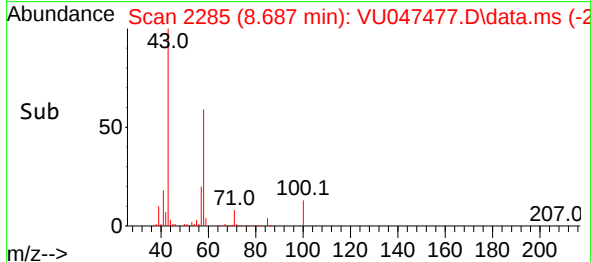
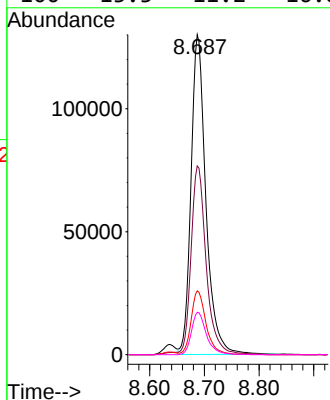
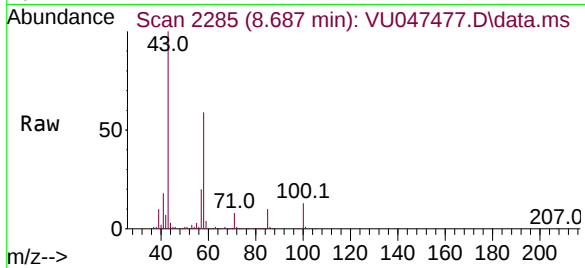




#48
2-Hexanone
Concen: 55.544 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047477.D
Acq: 10 Mar 2022 22:44

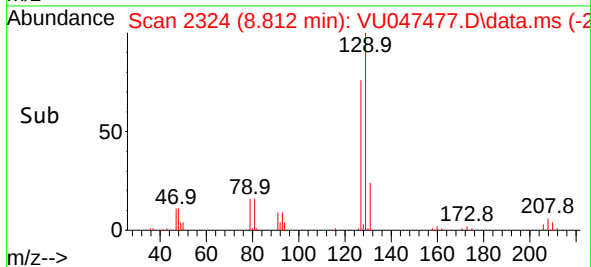
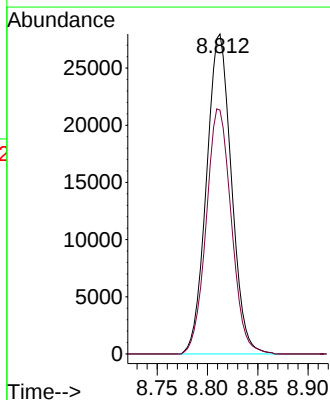
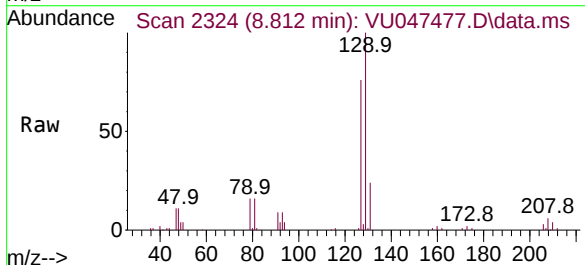
Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

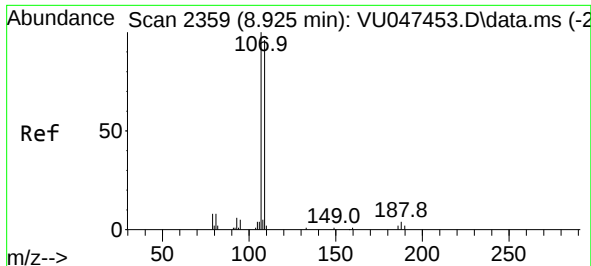
Tgt Ion:	43	Resp:	246018
Ion	Ratio	Lower	Upper
43	100		
58	60.6	47.7	71.5
57	19.9	16.6	25.0
100	13.3	11.2	16.8



#49
Dibromochloromethane
Concen: 5.414 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047477.D
Acq: 10 Mar 2022 22:44

Tgt Ion:	129	Resp:	48268
Ion	Ratio	Lower	Upper
129	100		
127	76.2	52.6	97.8





#50

1,2-Dibromoethane

Concen: 5.325 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047477.D

Acq: 10 Mar 2022 22:44

Instrument :

MSVOA_U

ClientSampleId :

VSTD005095

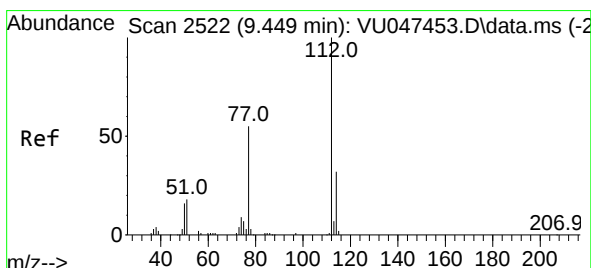
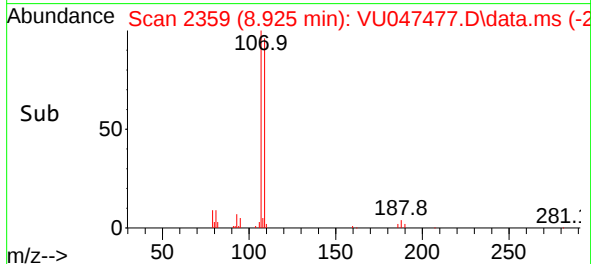
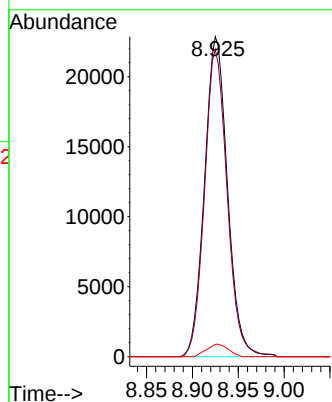
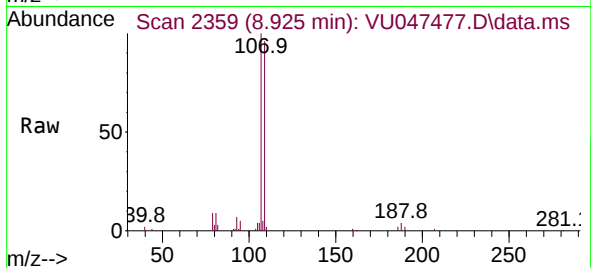
Tgt Ion:107 Resp: 39772

Ion Ratio Lower Upper

107 100

109 96.0 65.8 122.2

188 3.8 3.3 4.9



#51

Chlorobenzene

Concen: 5.089 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU047477.D

Acq: 10 Mar 2022 22:44

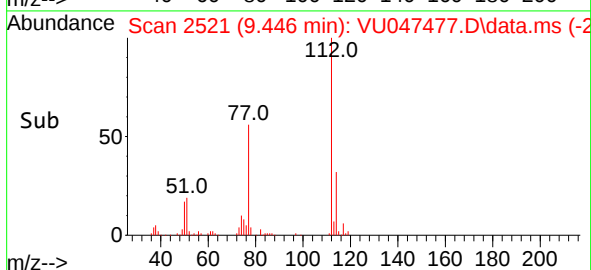
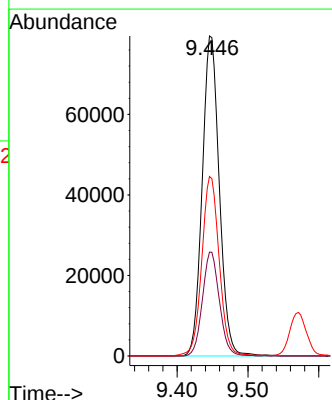
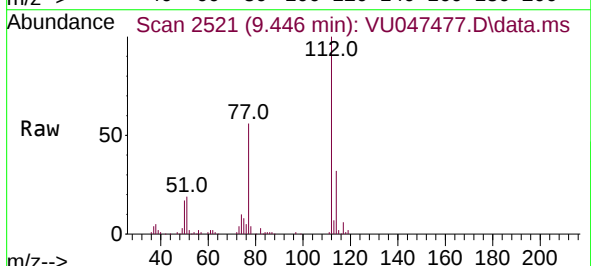
Tgt Ion:112 Resp: 132984

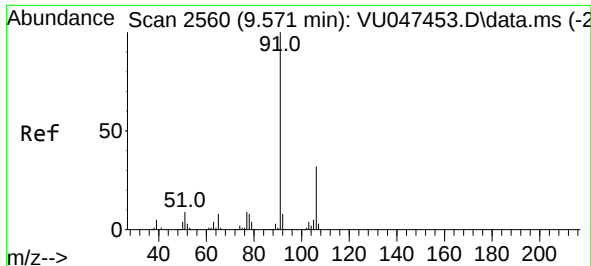
Ion Ratio Lower Upper

112 100

114 32.5 22.8 42.4

77 56.1 45.0 67.6

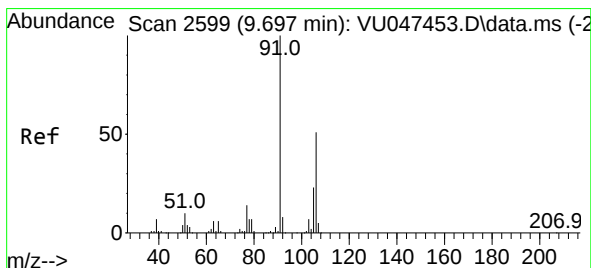
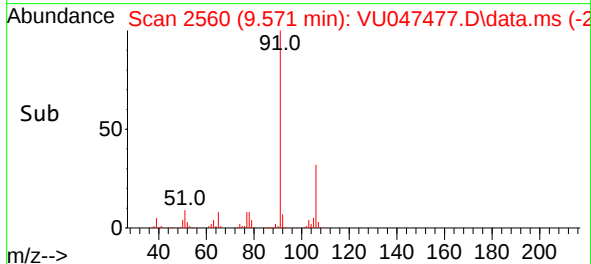
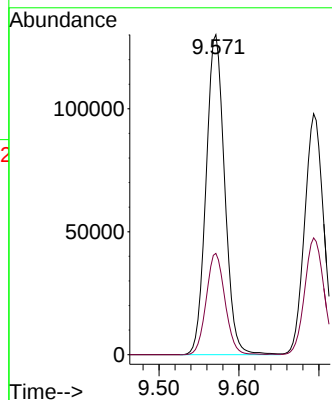
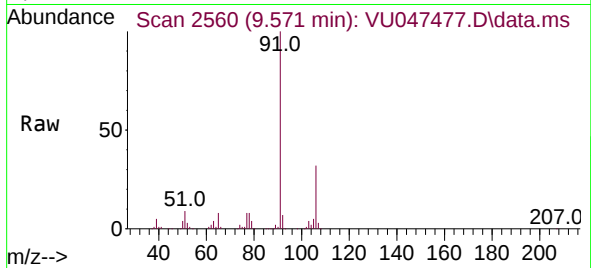




#52
Ethylbenzene
Concen: 4.976 ug/L
RT: 9.571 min Scan# 210517
Delta R.T. 0.000 min
Lab File: VU047477.D
Acq: 10 Mar 2022 22:44

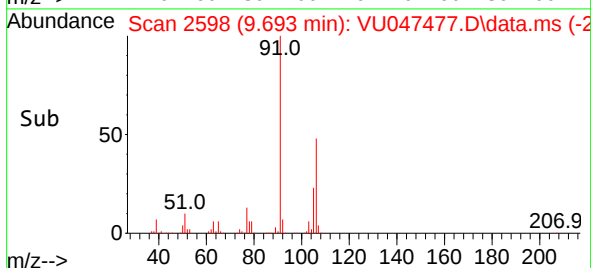
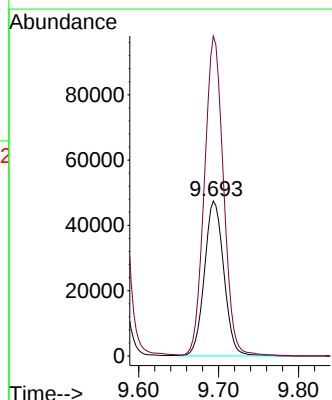
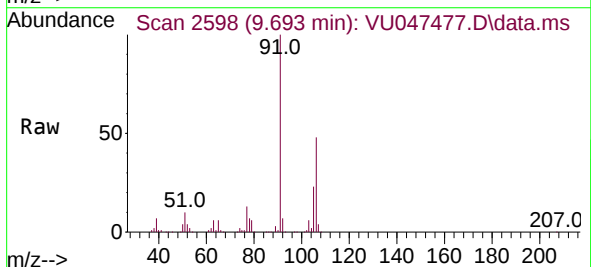
Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

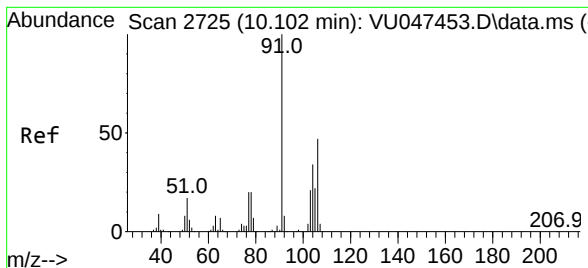
Tgt Ion: 91 Resp: 210517
Ion Ratio Lower Upper
91 100
106 31.7 22.4 41.6



#53
m,p-Xylene
Concen: 4.832 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU047477.D
Acq: 10 Mar 2022 22:44

Tgt Ion:106 Resp: 80195
Ion Ratio Lower Upper
106 100
91 206.3 138.8 257.8





#54

o-Xylene

Concen: 5.066 ug/L

RT: 10.102 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047477.D

Acq: 10 Mar 2022 22:44

Instrument :

MSVOA_U

ClientSampleId :

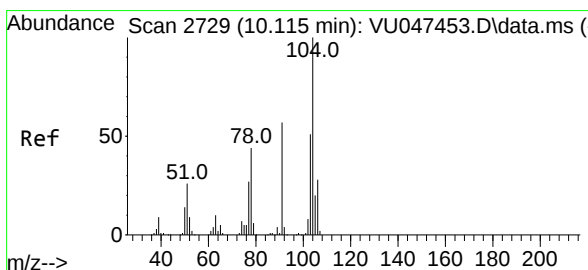
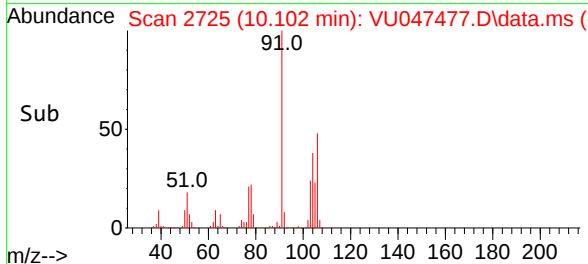
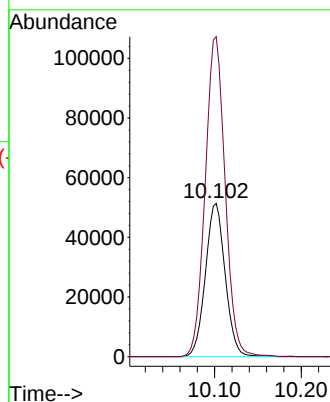
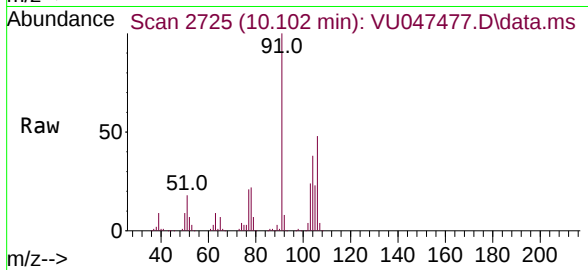
VSTD005095

Tgt Ion:106 Resp: 81460

Ion Ratio Lower Upper

106 100

91 208.7 149.2 277.0



#55

Styrene

Concen: 5.119 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU047477.D

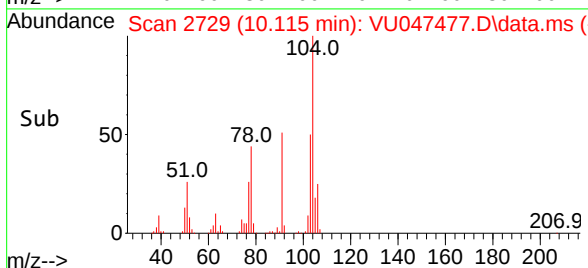
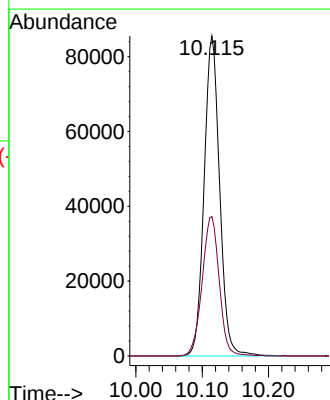
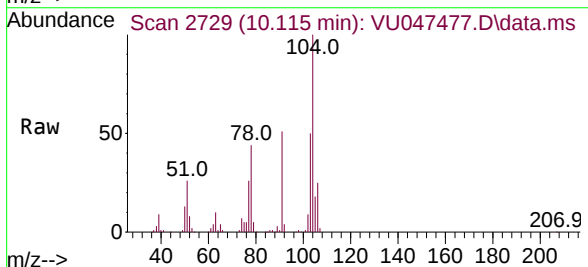
Acq: 10 Mar 2022 22:44

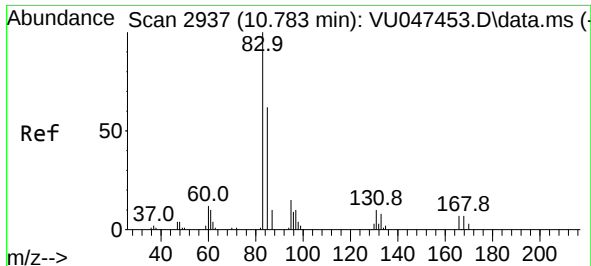
Tgt Ion:104 Resp: 139141

Ion Ratio Lower Upper

104 100

78 43.5 30.4 56.4

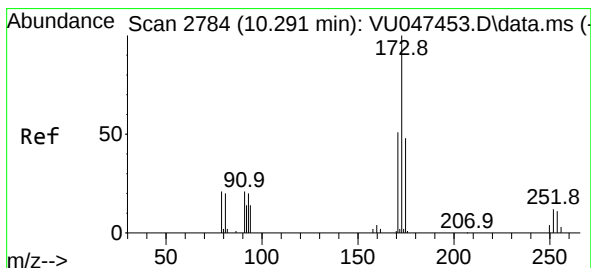
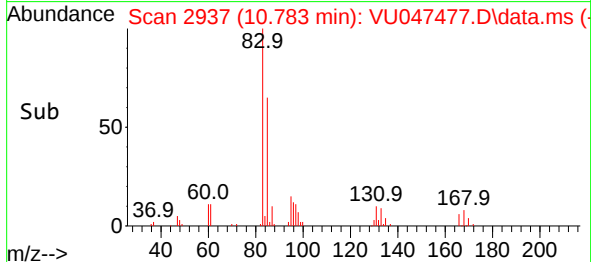
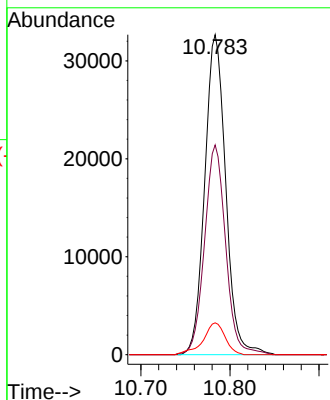
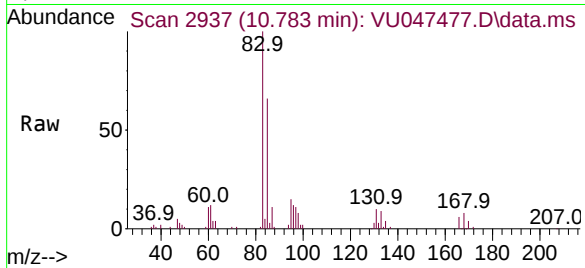




#57
1,1,2,2-Tetrachloroethane
Concen: 5.436 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047477.D
Acq: 10 Mar 2022 22:44

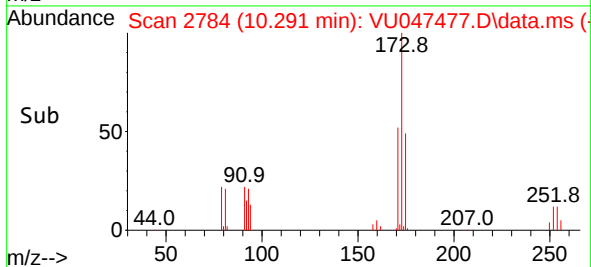
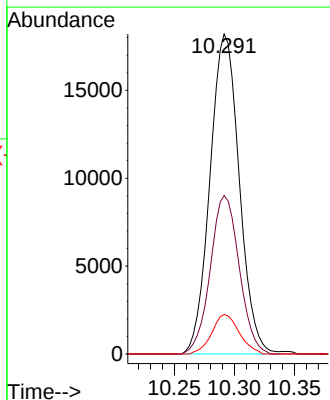
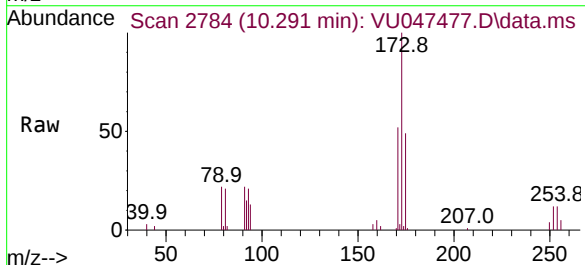
Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

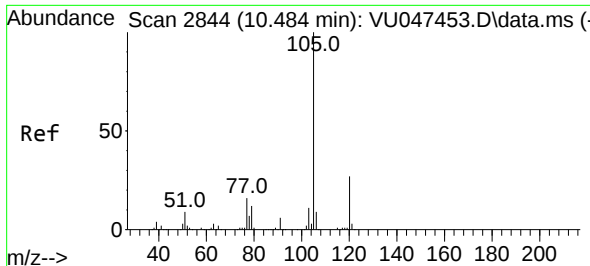
Tgt Ion: 83 Resp: 53409
Ion Ratio Lower Upper
83 100
85 65.5 46.0 85.4
131 9.9 8.2 12.4



#59
Bromoform
Concen: 5.495 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU047477.D
Acq: 10 Mar 2022 22:44

Tgt Ion: 173 Resp: 30871
Ion Ratio Lower Upper
173 100
175 48.9 38.7 58.1
254 11.6 9.0 13.4

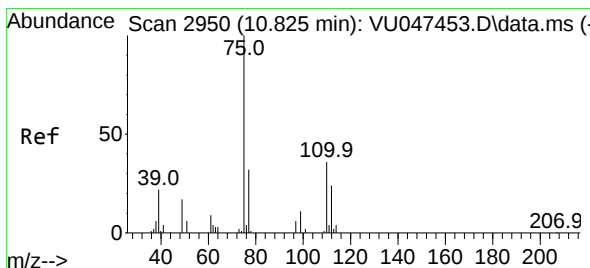
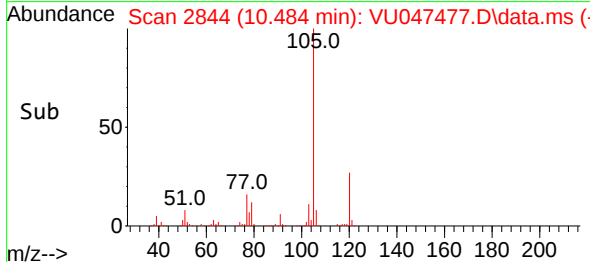
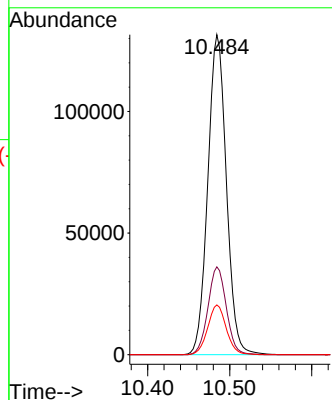
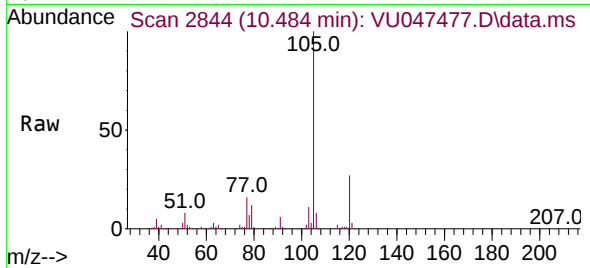




#60
Isopropylbenzene
Concen: 4.957 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU047477.D
Acq: 10 Mar 2022 22:44

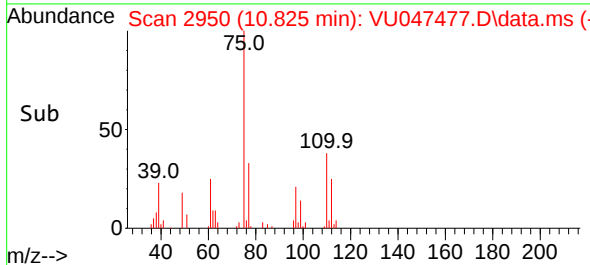
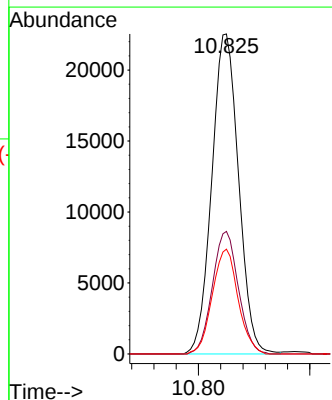
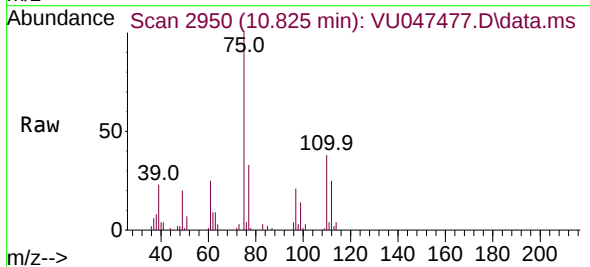
Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

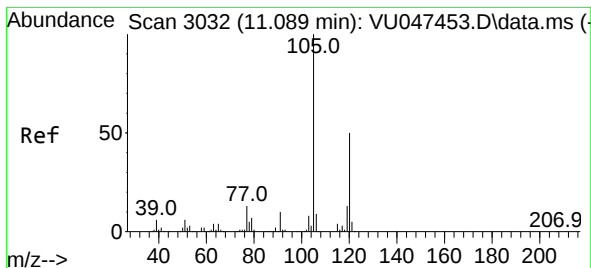
Tgt Ion:105 Resp: 206959
Ion Ratio Lower Upper
105 100
120 27.1 21.8 32.6
77 15.5 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.444 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU047477.D
Acq: 10 Mar 2022 22:44

Tgt Ion: 75 Resp: 37627
Ion Ratio Lower Upper
75 100
110 37.1 31.0 46.4
77 31.6 26.2 39.4





#62

1,3,5-Trimethylbenzene

Concen: 4.740 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU047477.D

Acq: 10 Mar 2022 22:44

Instrument :

MSVOA_U

ClientSampleId :

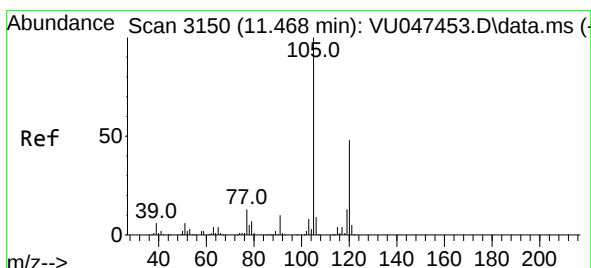
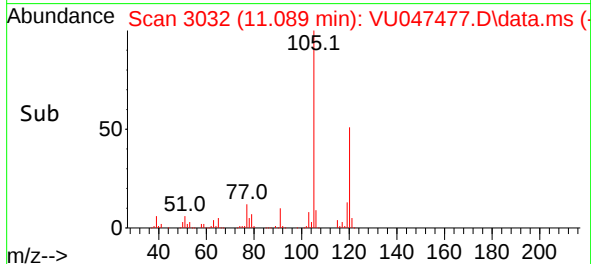
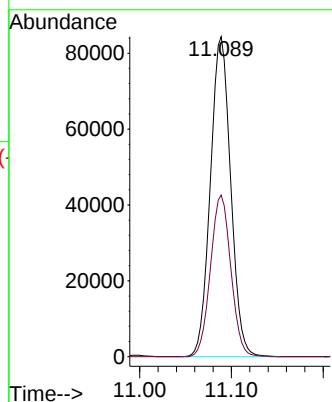
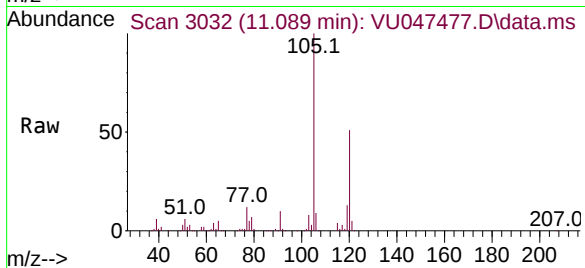
VSTD005095

Tgt Ion:105 Resp: 129810

Ion Ratio Lower Upper

105 100

120 50.6 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 4.753 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU047477.D

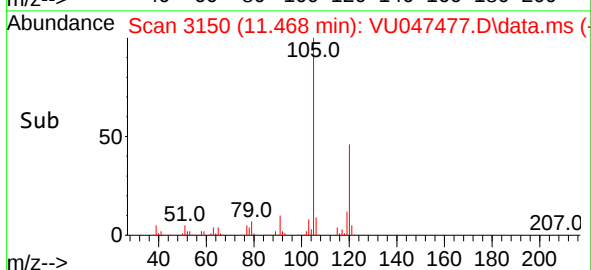
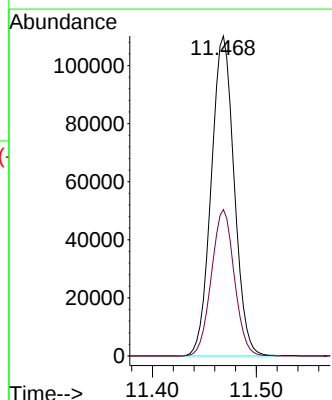
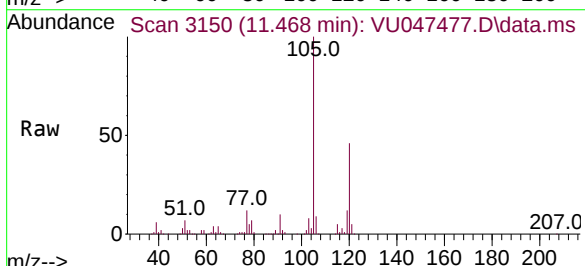
Acq: 10 Mar 2022 22:44

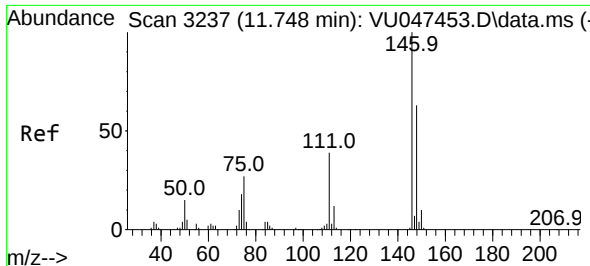
Tgt Ion:105 Resp: 168841

Ion Ratio Lower Upper

105 100

120 45.7 37.2 55.8

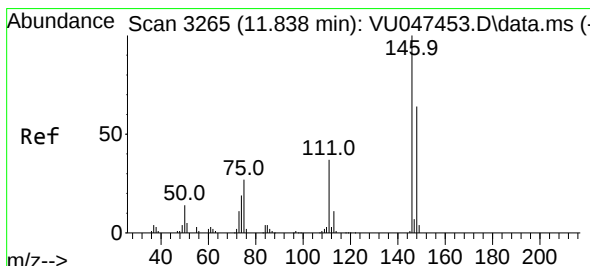
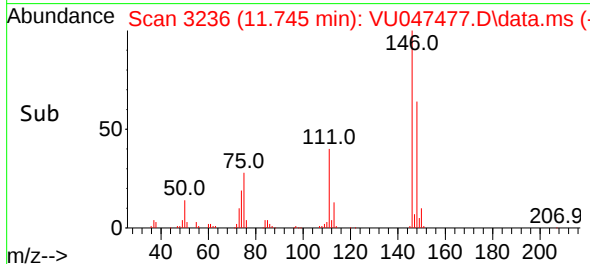
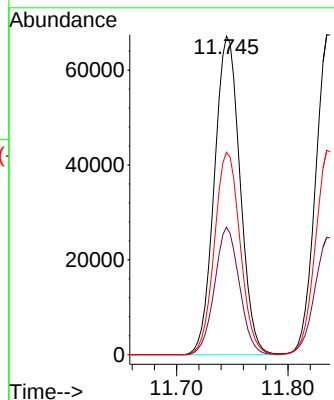
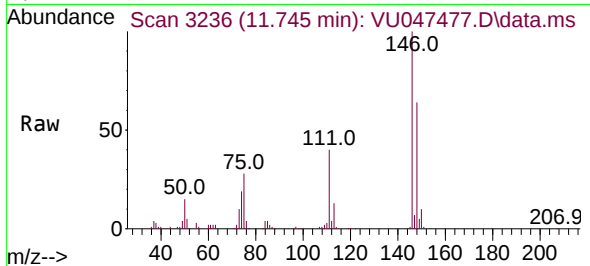




#64
1,3-Dichlorobenzene
Concen: 4.858 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047477.D
Acq: 10 Mar 2022 22:44

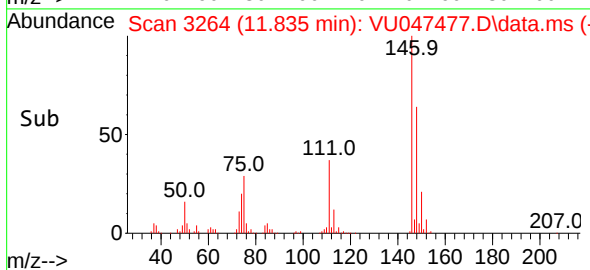
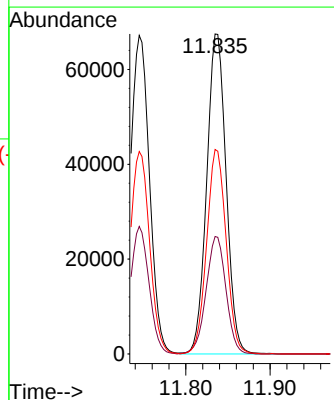
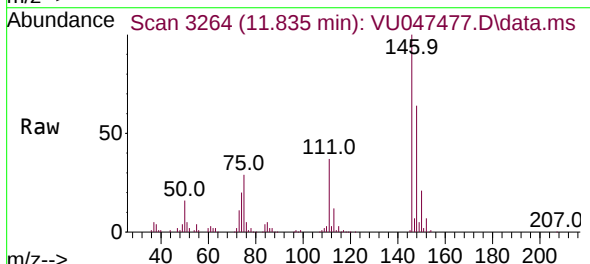
Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

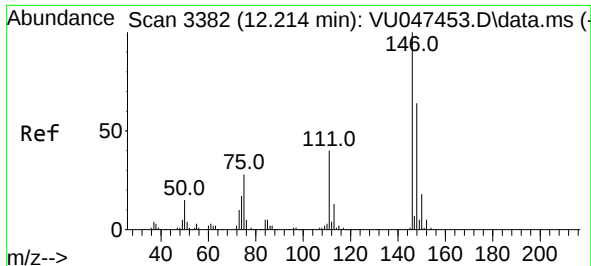
Tgt Ion:146 Resp: 107505
Ion Ratio Lower Upper
146 100
111 40.0 27.0 50.2
148 63.5 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 4.819 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU047477.D
Acq: 10 Mar 2022 22:44

Tgt Ion:146 Resp: 108299
Ion Ratio Lower Upper
146 100
111 36.7 26.1 48.5
148 63.9 45.6 84.6





#67

1,2-Dichlorobenzene

Concen: 5.045 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU047477.D

Acq: 10 Mar 2022 22:44

Instrument :

MSVOA_U

ClientSampleId :

VSTD005095

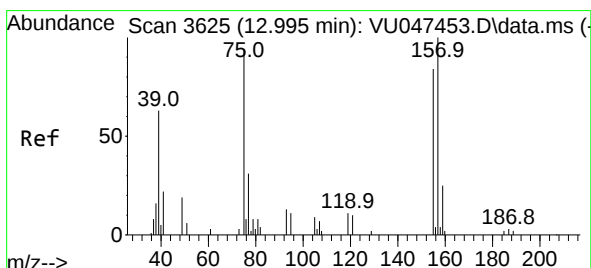
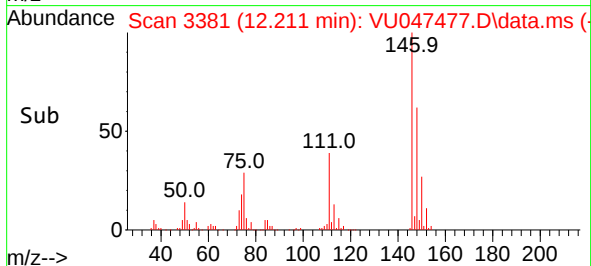
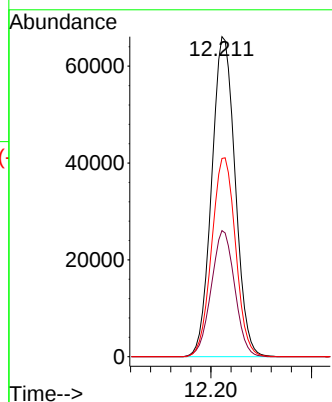
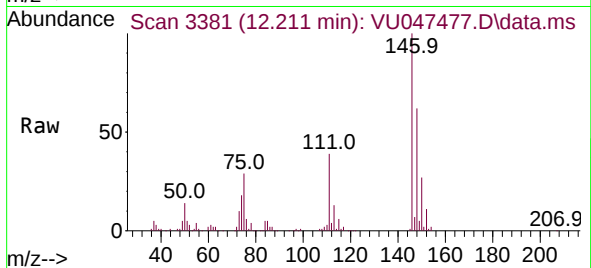
Tgt Ion:146 Resp: 107261

Ion Ratio Lower Upper

146 100

111 39.4 31.9 47.9

148 61.9 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.324 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU047477.D

Acq: 10 Mar 2022 22:44

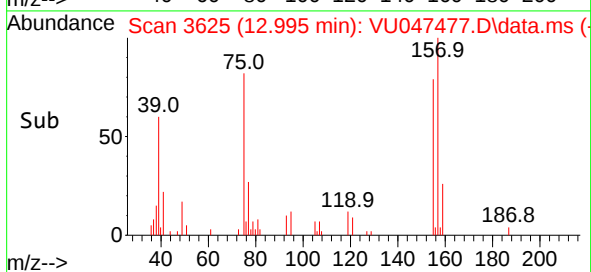
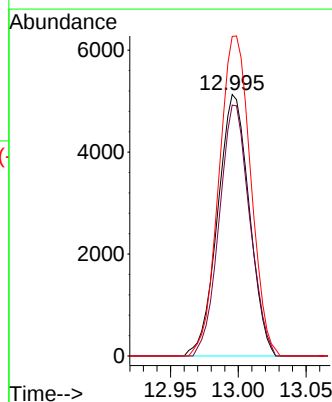
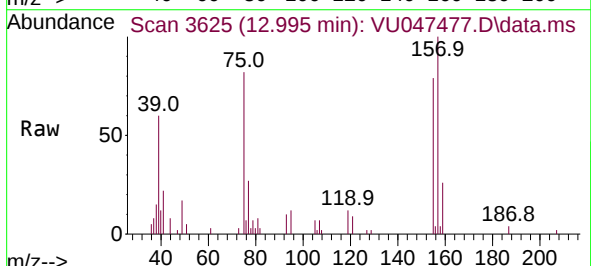
Tgt Ion: 75 Resp: 8296

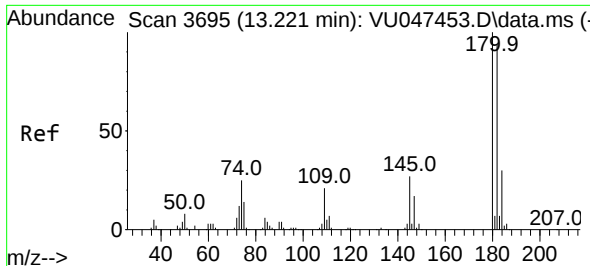
Ion Ratio Lower Upper

75 100

155 96.0 71.3 106.9

157 122.2 88.6 132.8

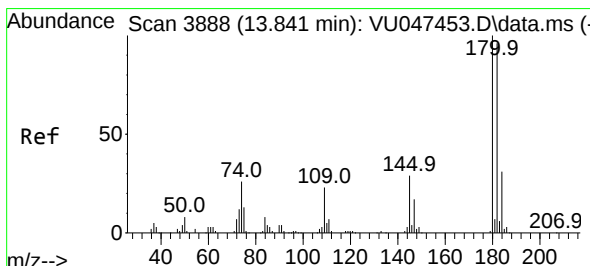
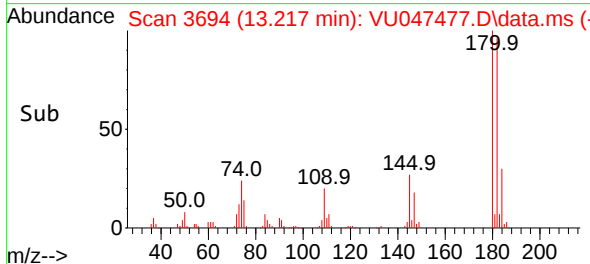
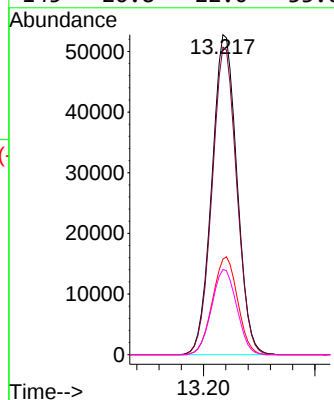
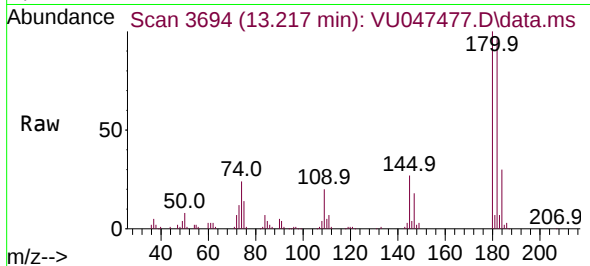




#69
 1,3,5-Trichlorobenzene
 Concen: 4.532 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU047477.D
 Acq: 10 Mar 2022 22:44

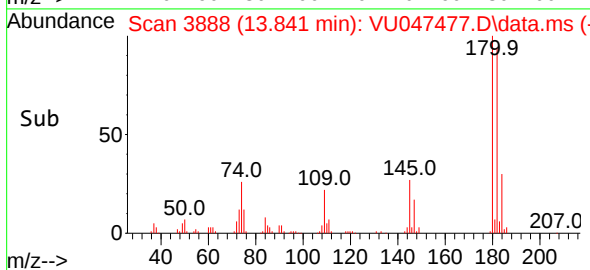
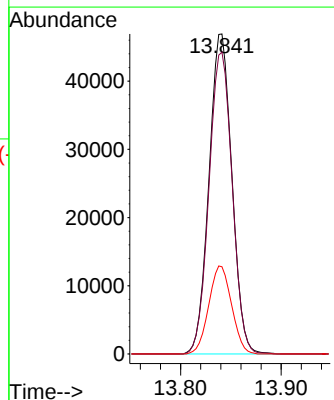
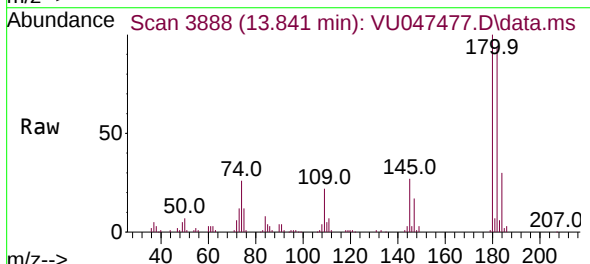
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005095

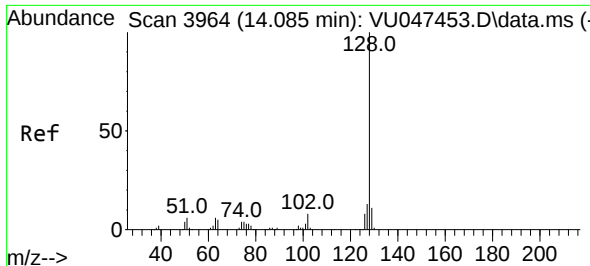
Tgt Ion:180	Resp:	82261
Ion Ratio	Lower	Upper
180	100	
182	94.9	77.1 115.7
184	30.6	25.0 37.4
145	26.8	22.0 33.0



#70
 1,2,4-trichlorobenzene
 Concen: 4.585 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047477.D
 Acq: 10 Mar 2022 22:44

Tgt Ion:180	Resp:	74179
Ion Ratio	Lower	Upper
180	100	
182	95.4	76.6 114.8
145	27.4	22.4 33.6

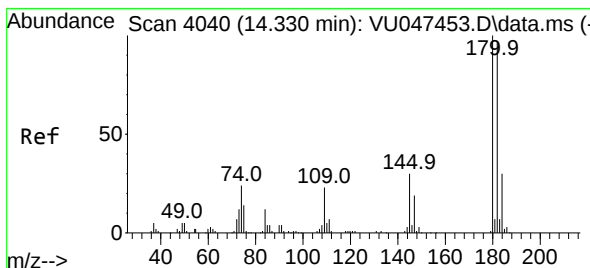
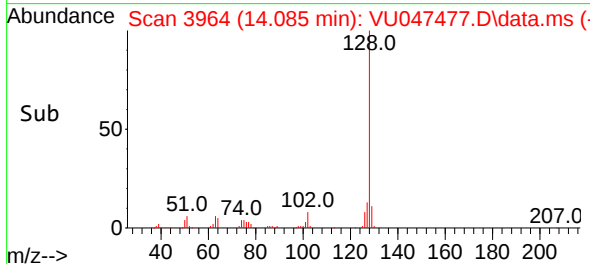
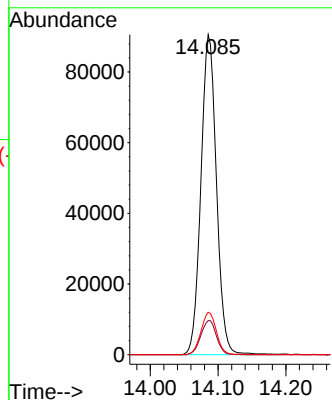
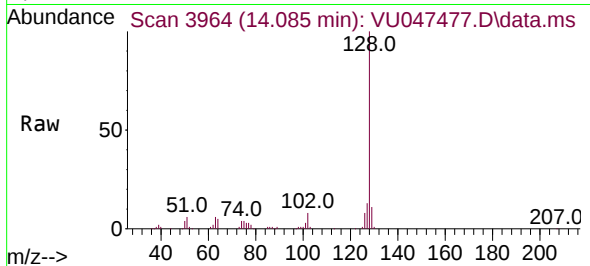




#71
Naphthalene
Concen: 4.976 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU047477.D
Acq: 10 Mar 2022 22:44

Instrument :
MSVOA_U
ClientSampleId :
VSTD005095

Tgt Ion:128 Resp: 143994
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.1 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.901 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047477.D
Acq: 10 Mar 2022 22:44

Tgt Ion:180 Resp: 72700
Ion Ratio Lower Upper
180 100
182 95.8 77.0 115.6
145 29.4 23.4 35.2

