

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031122\
 Data File : VU047528.D
 Acq On : 12 Mar 2022 05:46
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005098

Quant Time: Mar 14 01:46:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 12 03:24:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	112593	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	110122	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	60442	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	24751	4.053	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.919	69	20001	4.462	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.572	65	11283	4.183	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.646	46	64962	59.751	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.500%
24) Chloroform-d	5.070	84	49662	5.105	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	5.707	65	24582	4.990	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.732	84	94284	4.552	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.694	67	29364	4.792	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.899	98	86810	4.264	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	8.179	79	11655	4.480	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.636	63	57997	50.603	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.200%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	28430	5.324	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	35543	4.638	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	46185	5.479	ug/L	100
3) Chloromethane	1.524	50	47334	5.623	ug/L	98
5) Vinyl chloride	1.607	62	50191	6.062	ug/L	98
6) Bromomethane	1.861	94	19941	4.224	ug/L	99
8) Chloroethane	1.938	64	30633	6.091	ug/L	98
9) Trichlorofluoromethane	2.144	101	61036	5.594	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	35818	5.317	ug/L	99
12) 1,1-Dichloroethene	2.585	96	38027	5.752	ug/L	96
13) Acetone	2.662	43	66878	66.951	ug/L	99
14) Carbon disulfide	2.800	76	111744	5.507	ug/L	100
15) Methyl Acetate	2.964	43	17608	6.671	ug/L	98
16) Methylene chloride	3.054	84	47911	6.072	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	104437	6.126	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	40420	5.711	ug/L	99
19) 1,1-Dichloroethane	3.874	63	73727	6.125	ug/L	99
21) 2-Butanone	4.723	43	135623	75.393	ug/L	96
22) cis-1,2-Dichloroethene	4.671	96	51840	6.610	ug/L	97
23) Bromochloromethane	4.980	128	23256	6.206	ug/L	# 92
25) Chloroform	5.093	83	79967	6.135	ug/L	98

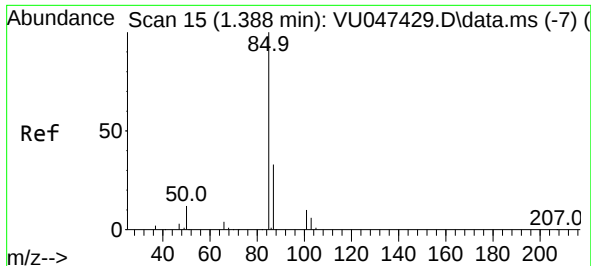
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	54099	6.447	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	64862	5.701	ug/L	98
30) Cyclohexane	5.392	56	51463	4.695	ug/L	97
31) Carbon tetrachloride	5.530	117	55716	5.575	ug/L	99
33) Benzene	5.777	78	170097	5.719	ug/L	100
34) Trichloroethene	6.546	95	43579	5.481	ug/L	99
35) Methylcyclohexane	6.764	83	55823	4.451	ug/L	99
37) 1,2-Dichloropropane	6.793	63	45594	6.155	ug/L	100
38) Bromodichloromethane	7.109	83	59779	6.079	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	62126	5.532	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	313234	62.036	ug/L	99
42) Toluene	7.970	91	181318	5.612	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	56018	5.531	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	37865	6.238	ug/L	95
47) Tetrachloroethene	8.555	164	34735	5.150	ug/L	100
48) 2-Hexanone	8.687	43	231441	63.179	ug/L	99
49) Dibromochloromethane	8.813	129	46255	6.273	ug/L	100
50) 1,2-Dibromoethane	8.925	107	38042	6.159	ug/L	100
51) Chlorobenzene	9.446	112	121943	5.642	ug/L	98
52) Ethylbenzene	9.571	91	183383	5.241	ug/L	99
53) m,p-Xylene	9.694	106	72768	5.301	ug/L	98
54) o-Xylene	10.102	106	71757	5.396	ug/L	99
55) Styrene	10.115	104	125659	5.589	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	51667	6.358	ug/L	96
59) Bromoform	10.292	173	30200	6.637	ug/L	100
60) Isopropylbenzene	10.485	105	179787	5.316	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	35267	6.299	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	113287	5.107	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	150510	5.231	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	100348	5.598	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	101649	5.585	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	99346	5.768	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	8254	6.540	ug/L	96
69) 1,3,5-Trichlorobenzene	13.218	180	81961	5.575	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	72830	5.558	ug/L	99
71) Naphthalene	14.086	128	135415	5.778	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	70066	5.831	ug/L	100

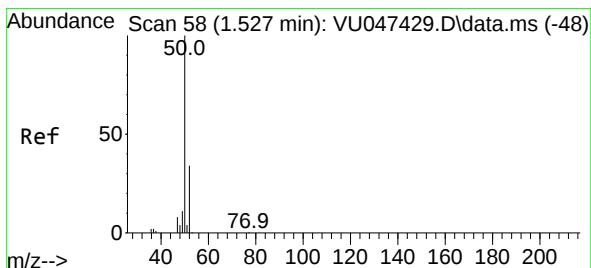
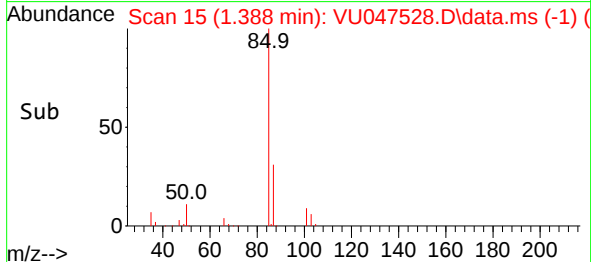
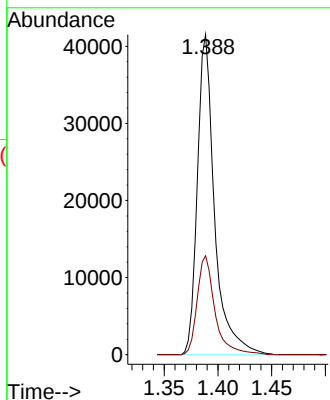
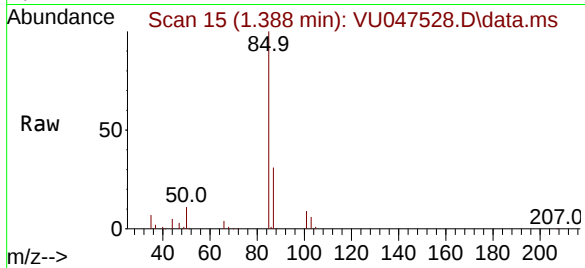
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#2
Dichlorodifluoromethane
Concen: 5.479 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047528.D
Acq: 12 Mar 2022 05:46

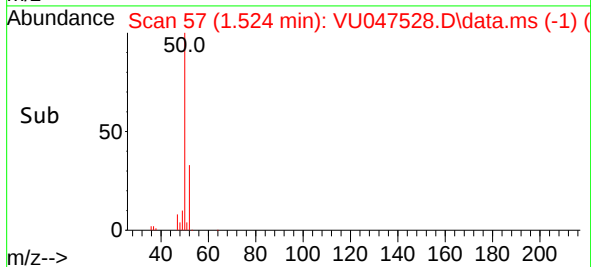
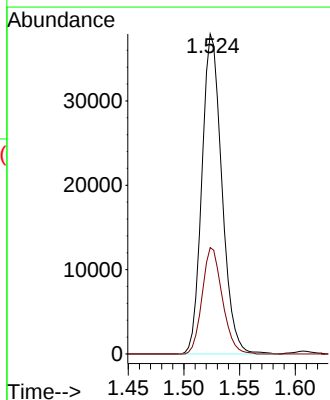
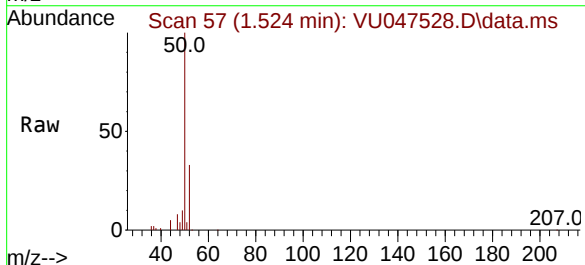
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MSVOA_U
ClientSampleId :
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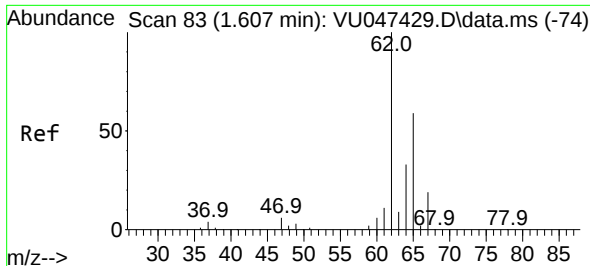
Tgt Ion: 85 Resp: 46185
Ion Ratio Lower Upper
85 100
87 32.0 25.6 38.4



#3
Chloromethane
Concen: 5.623 ug/L
RT: 1.524 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU047528.D
Acq: 12 Mar 2022 05:46

Tgt Ion: 50 Resp: 47334
Ion Ratio Lower Upper
50 100
52 33.2 22.5 41.9

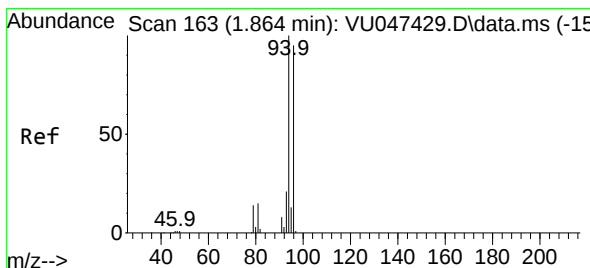
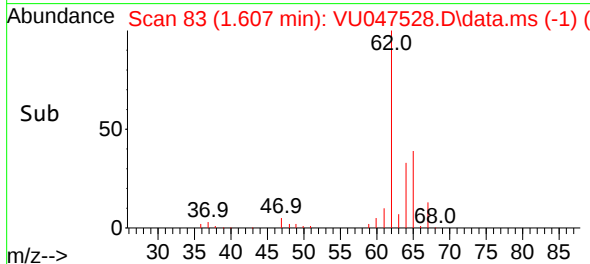
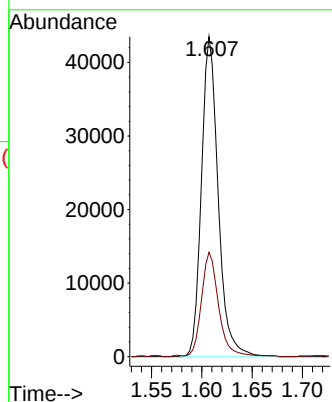
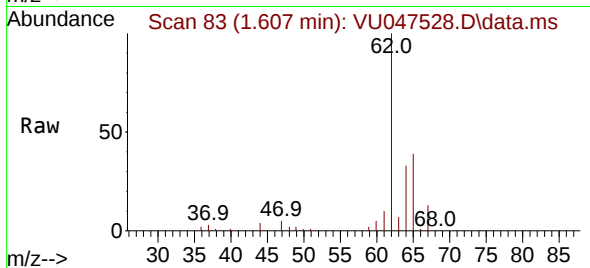




#5
 Vinyl chloride
 Concen: 6.062 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047528.D
 Acq: 12 Mar 2022 05:46

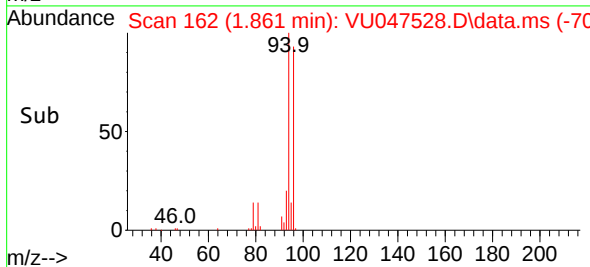
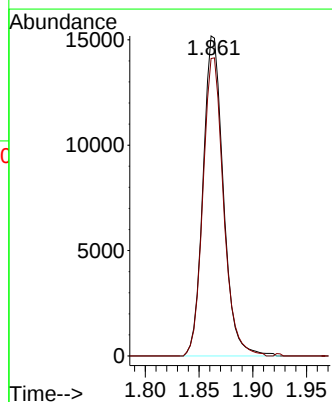
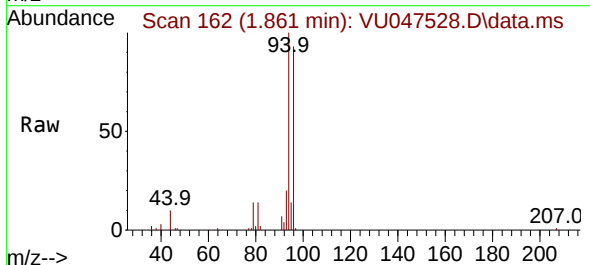
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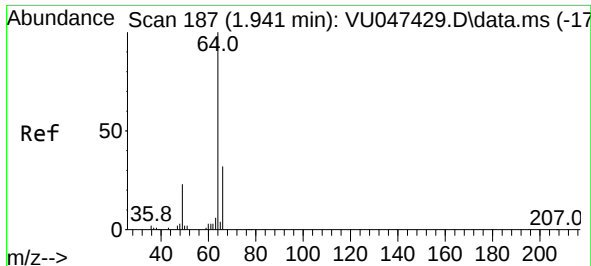
Tgt Ion: 62 Resp: 50191
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.7 43.9



#6
 Bromomethane
 Concen: 4.224 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU047528.D
 Acq: 12 Mar 2022 05:46

Tgt Ion: 94 Resp: 19941
 Ion Ratio Lower Upper
 94 100
 96 93.0 65.6 121.8

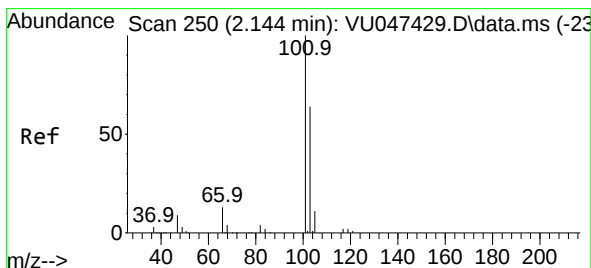
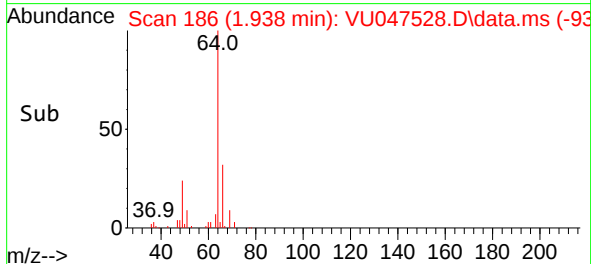
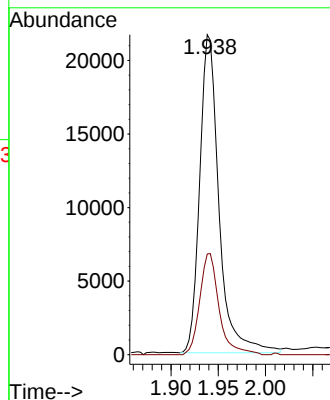
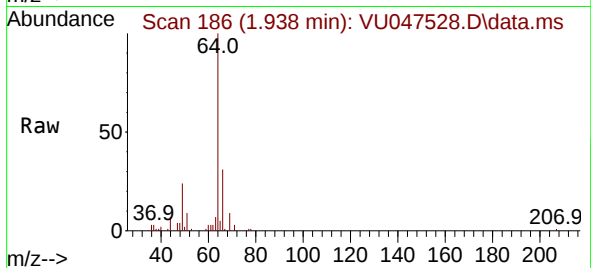




#8
Chloroethane
Concen: 6.091 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047528.D
Acq: 12 Mar 2022 05:46

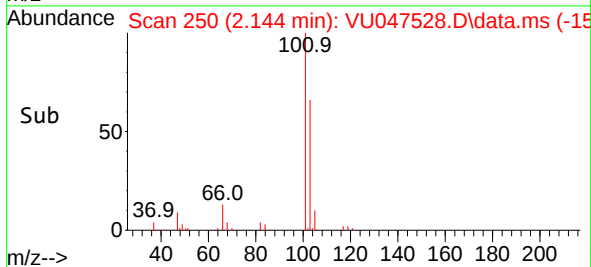
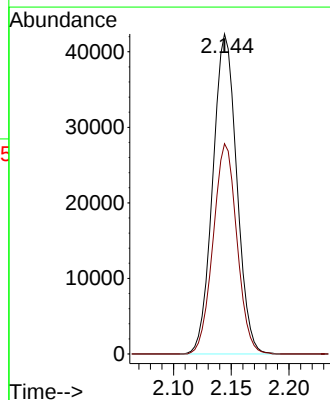
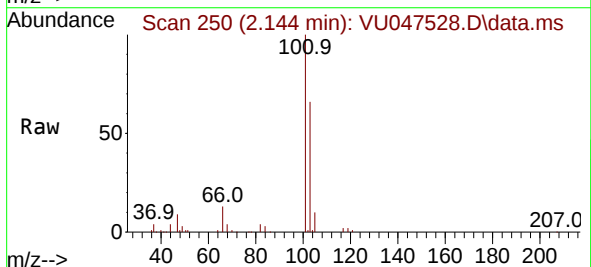
Instrument :
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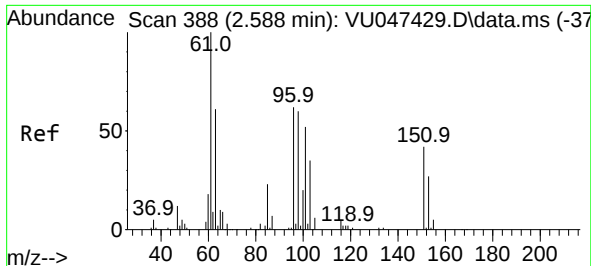
Tgt Ion: 64 Resp: 30633
Ion Ratio Lower Upper
64 100
66 31.5 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.594 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047528.D
Acq: 12 Mar 2022 05:46

Tgt Ion: 101 Resp: 61036
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.8

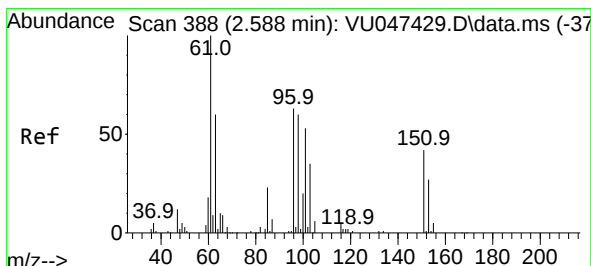
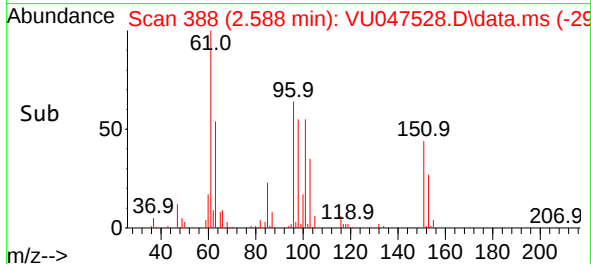
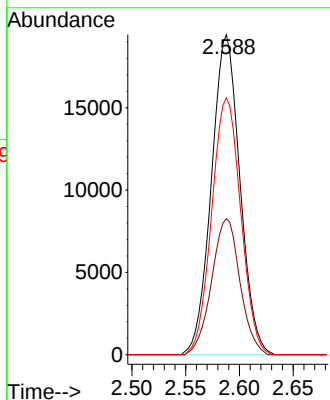
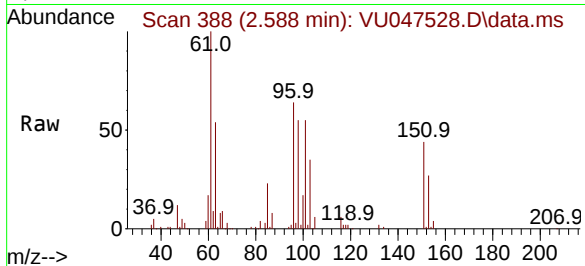




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.317 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU047528.D
 Acq: 12 Mar 2022 05:46

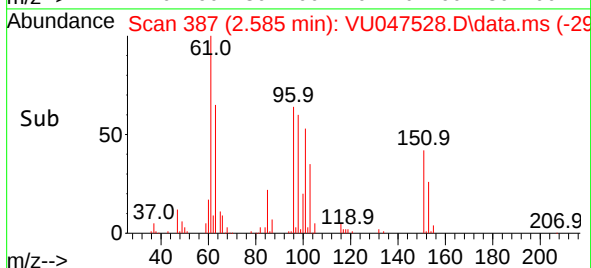
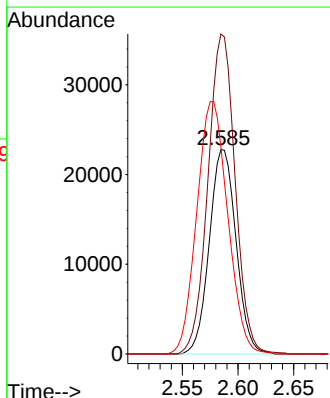
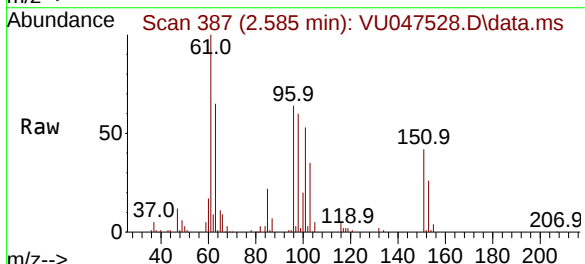
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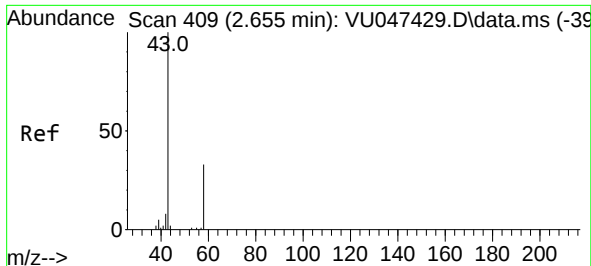
Tgt Ion: 101 Resp: 35818
 Ion Ratio Lower Upper
 101 100
 85 42.3 33.8 50.6
 151 81.7 64.8 97.2



#12
 1,1-Dichloroethene
 Concen: 5.752 ug/L
 RT: 2.585 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU047528.D
 Acq: 12 Mar 2022 05:46

Tgt Ion: 96 Resp: 38027
 Ion Ratio Lower Upper
 96 100
 61 156.5 108.8 202.0
 63 101.3 64.0 119.0





#13

Acetone

Concen: 66.951 ug/L

RT: 2.662 min Scan# 411

Delta R.T. 0.007 min

Lab File: VU047528.D

Acq: 12 Mar 2022 05:46

Instrument :

MSVOA_U

ClientSampleId :

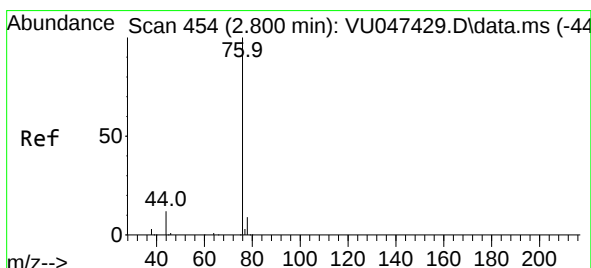
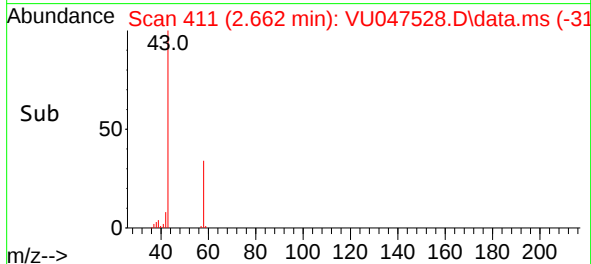
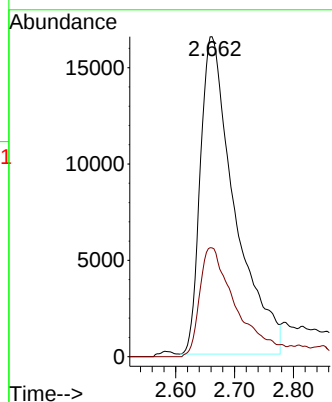
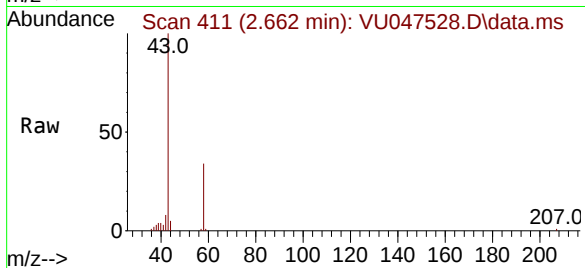
VSTD005098

Tgt Ion: 43 Resp: 66878

Ion Ratio Lower Upper

43 100

58 36.7 0.0 72.6



#14

Carbon disulfide

Concen: 5.507 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047528.D

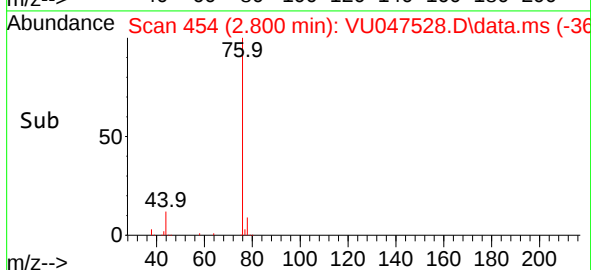
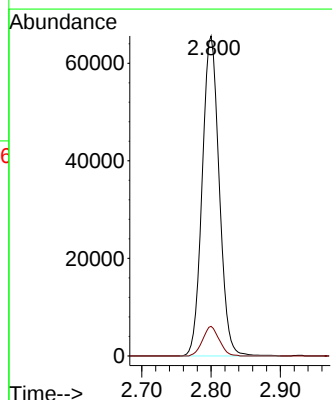
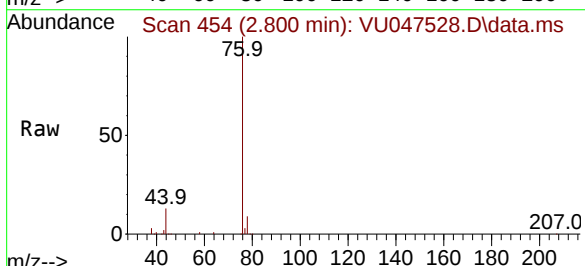
Acq: 12 Mar 2022 05:46

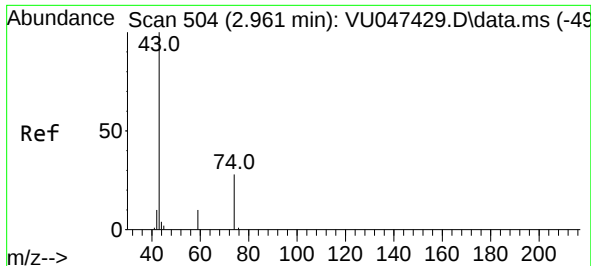
Tgt Ion: 76 Resp: 111744

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

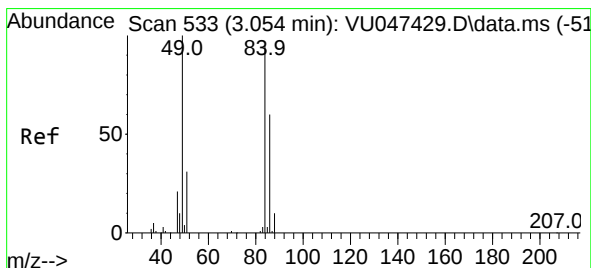
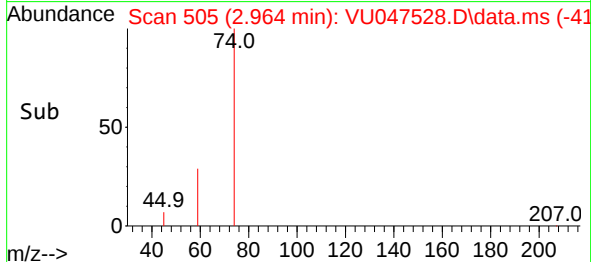
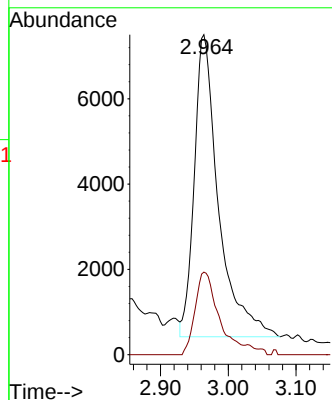
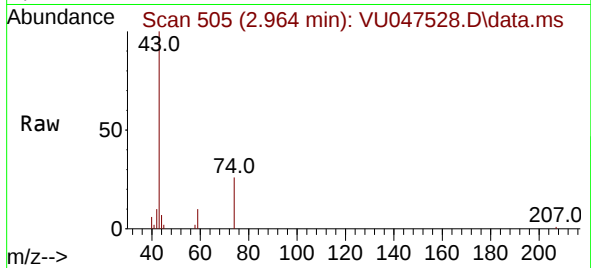




#15
Methyl Acetate
Concen: 6.671 ug/L
RT: 2.964 min Scan# 504
Delta R.T. 0.004 min
Lab File: VU047528.D
Acq: 12 Mar 2022 05:46

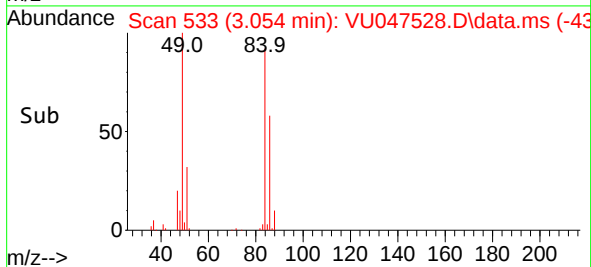
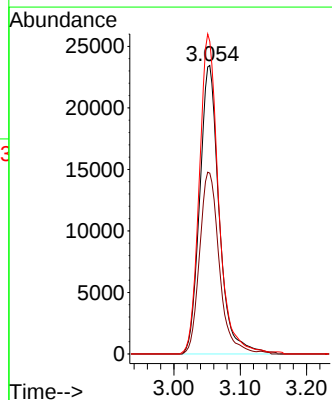
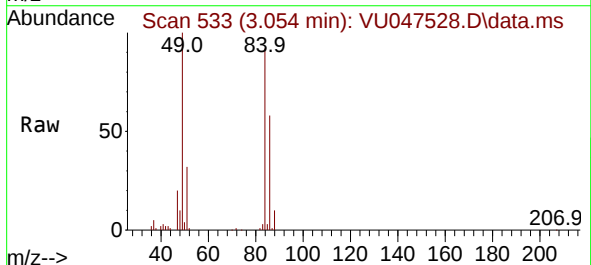
Instrument :
MSVOA_U
ClientSampleId :
VSTD005098

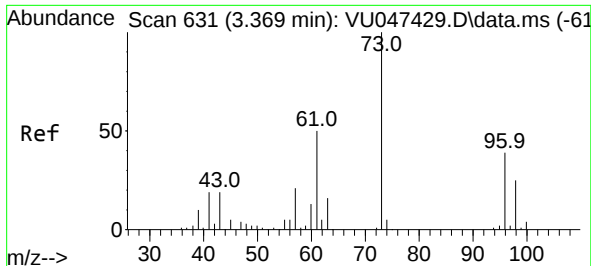
Tgt Ion: 43 Resp: 17608
Ion Ratio Lower Upper
43 100
74 26.4 20.2 30.2



#16
Methylene chloride
Concen: 6.072 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.004 min
Lab File: VU047528.D
Acq: 12 Mar 2022 05:46

Tgt Ion: 84 Resp: 47911
Ion Ratio Lower Upper
84 100
86 62.7 45.9 85.3
49 108.3 76.4 141.8

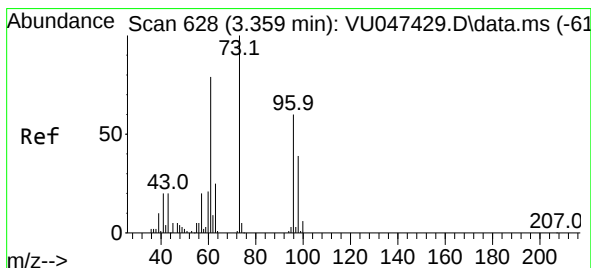
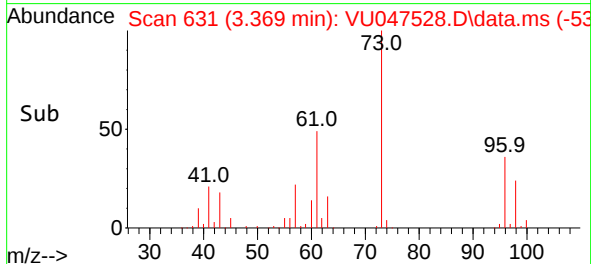
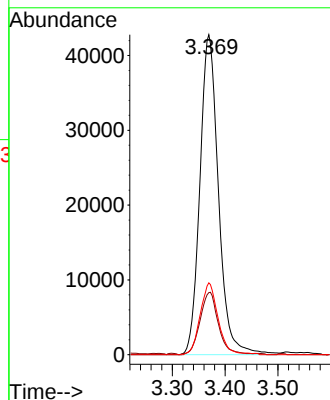
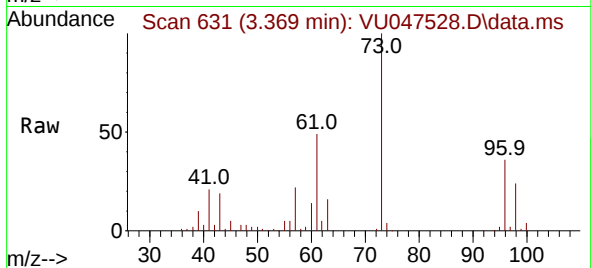




#17
Methyl tert-butyl Ether
Concen: 6.126 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047528.D
Acq: 12 Mar 2022 05:46

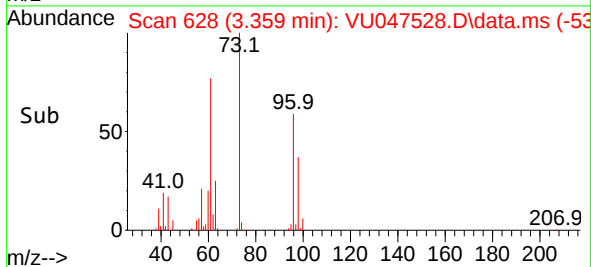
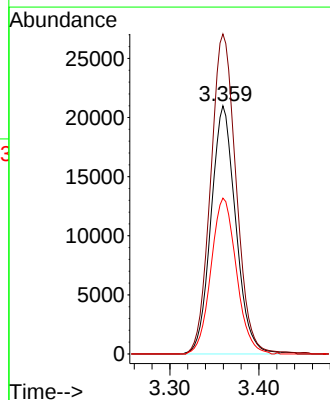
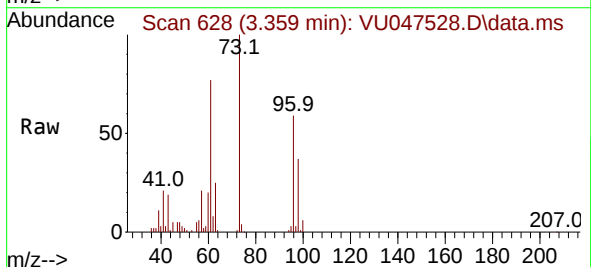
Instrument :
MSVOA_U
ClientSampleId :
VSTD005098

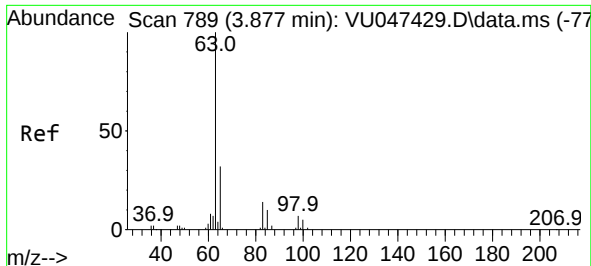
Tgt Ion: 73	Resp: 104437
Ion Ratio	Lower Upper
73 100	
43 19.3	14.6 22.0
57 21.4	16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 5.711 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU047528.D
Acq: 12 Mar 2022 05:46

Tgt Ion: 96	Resp: 40420		
Ion Ratio	Lower	Upper	
96	100		
61	128.9	90.4	167.8
98	62.8	45.0	83.6





#19

1,1-Dichloroethane

Concen: 6.125 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU047528.D

Acq: 12 Mar 2022 05:46

Instrument :

MSVOA_U

ClientSampleId :

VSTD005098

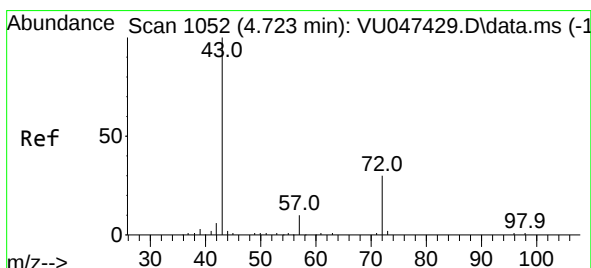
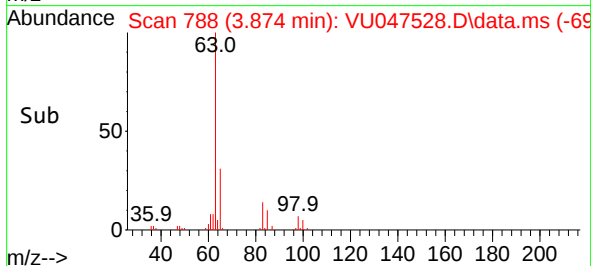
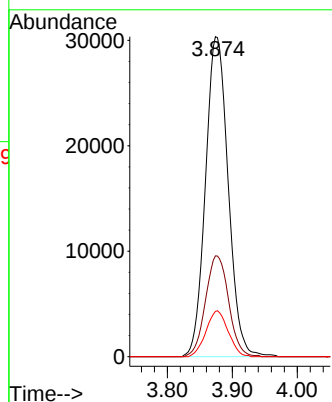
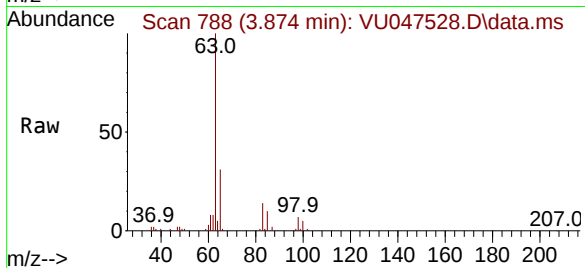
Tgt Ion: 63 Resp: 73727

Ion Ratio Lower Upper

63 100

65 31.5 22.8 42.4

83 14.2 9.9 18.3



#21

2-Butanone

Concen: 75.393 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. 0.004 min

Lab File: VU047528.D

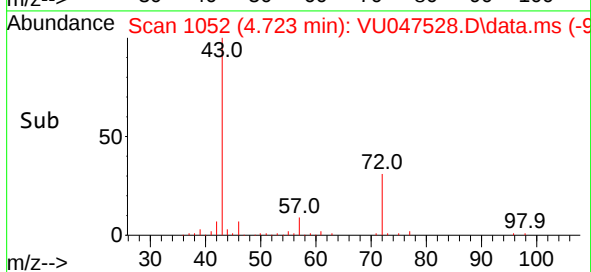
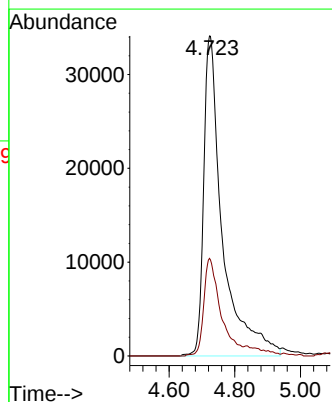
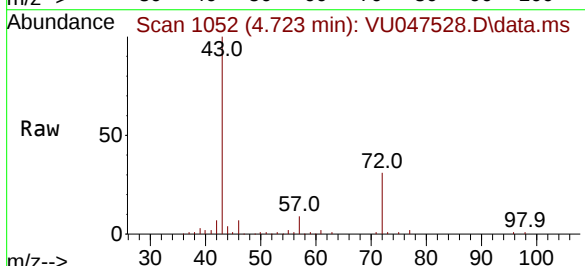
Acq: 12 Mar 2022 05:46

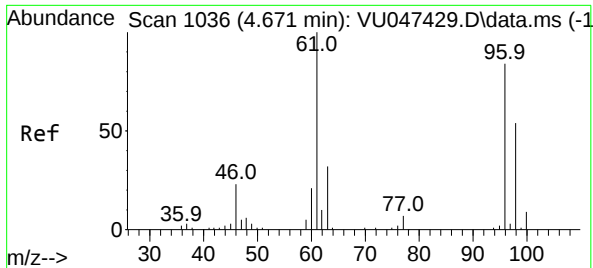
Tgt Ion: 43 Resp: 135623

Ion Ratio Lower Upper

43 100

72 27.5 14.7 44.1

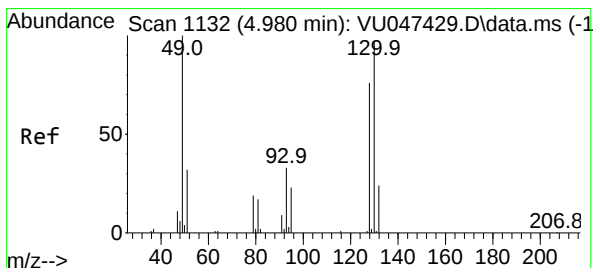
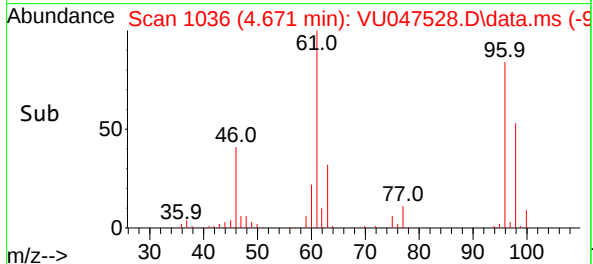
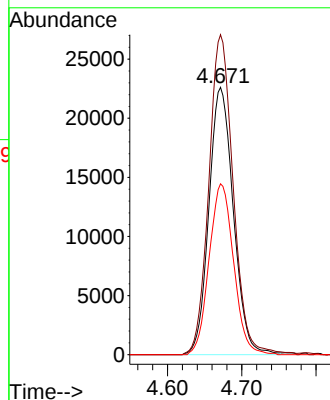
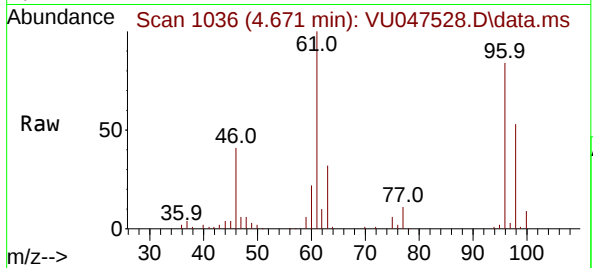




#22
 cis-1,2-Dichloroethene
 Concen: 6.610 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU047528.D
 Acq: 12 Mar 2022 05:46

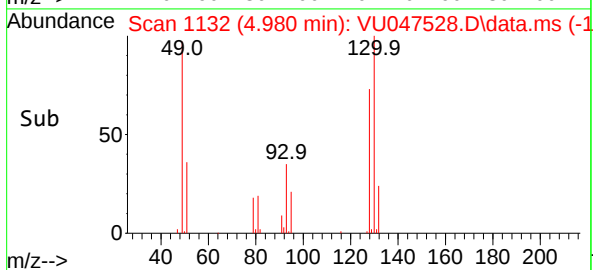
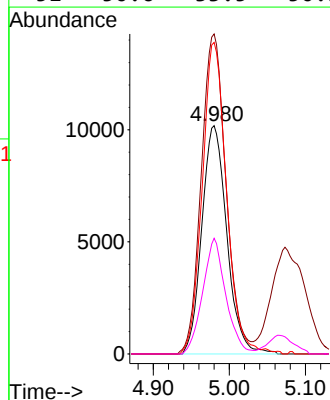
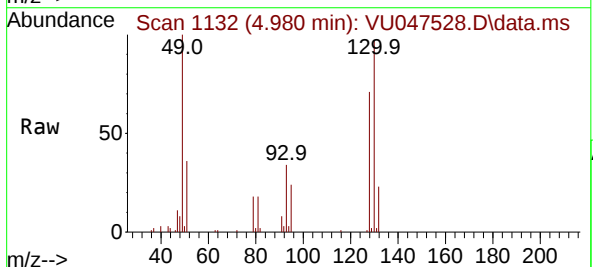
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005098

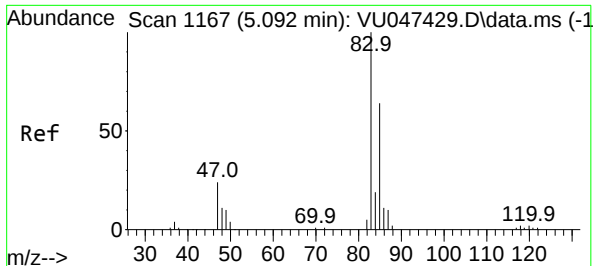
Tgt Ion:	96	Resp:	51840
Ion	Ratio	Lower	Upper
96	100		
61	119.7	80.8	150.0
98	63.9	44.7	83.1



#23
 Bromochloromethane
 Concen: 6.206 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VU047528.D
 Acq: 12 Mar 2022 05:46

Tgt Ion:	128	Resp:	23256
Ion	Ratio	Lower	Upper
128	100		
49	140.1	91.6	170.2
130	136.4	89.6	166.4
51	50.6	33.5	50.3





#25

Chloroform

Concen: 6.135 ug/L

RT: 5.093 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047528.D

Acq: 12 Mar 2022 05:46

Instrument :

MSVOA_U

ClientSampleId :

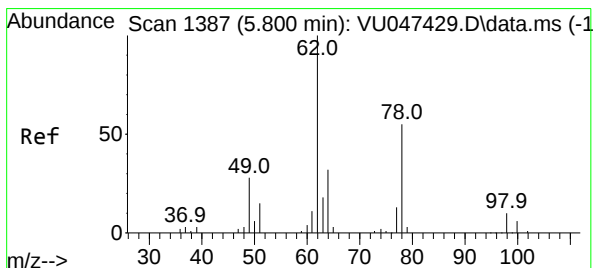
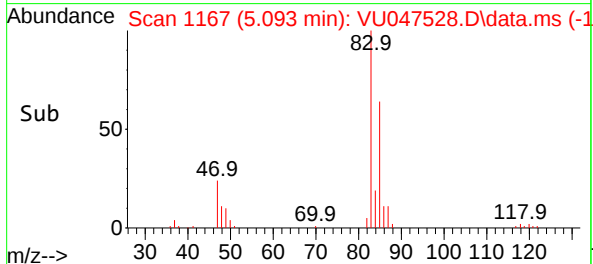
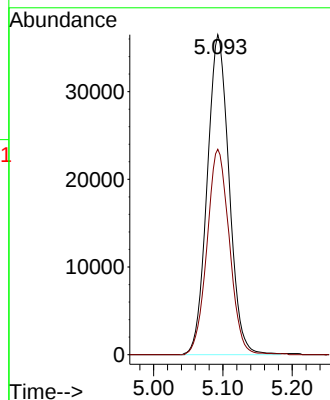
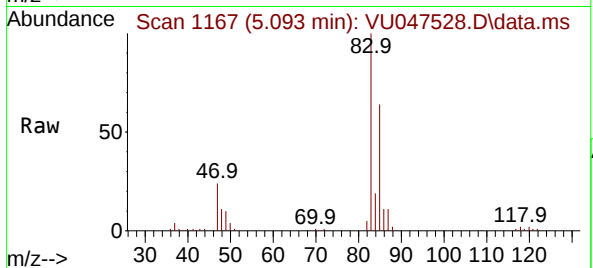
VSTD005098

Tgt Ion: 83 Resp: 79967

Ion Ratio Lower Upper

83 100

85 64.2 46.2 85.8



#27

1,2-Dichloroethane

Concen: 6.447 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU047528.D

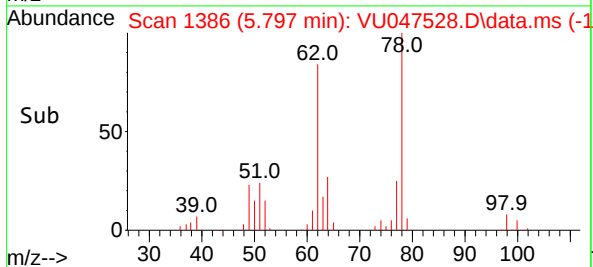
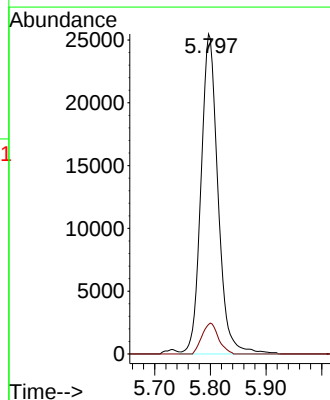
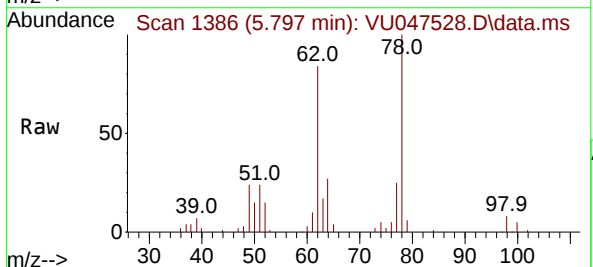
Acq: 12 Mar 2022 05:46

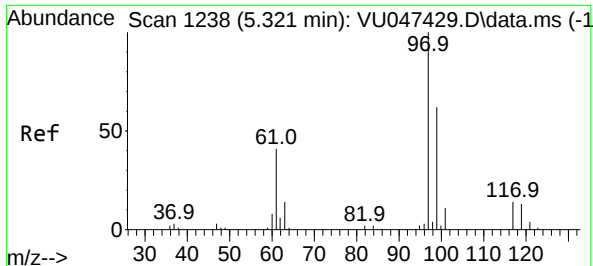
Tgt Ion: 62 Resp: 54099

Ion Ratio Lower Upper

62 100

98 9.2 7.8 11.8

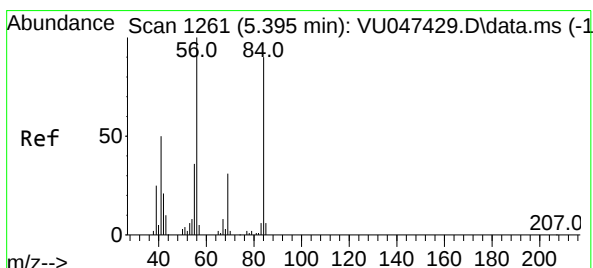
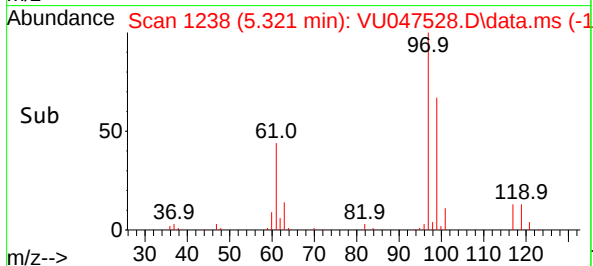
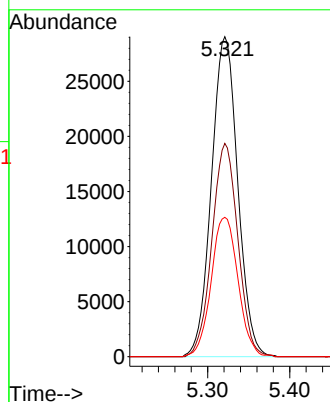
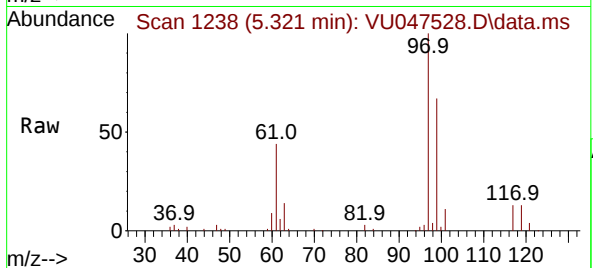




#29
1,1,1-Trichloroethane
Concen: 5.701 ug/L
RT: 5.321 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047528.D
Acq: 12 Mar 2022 05:46

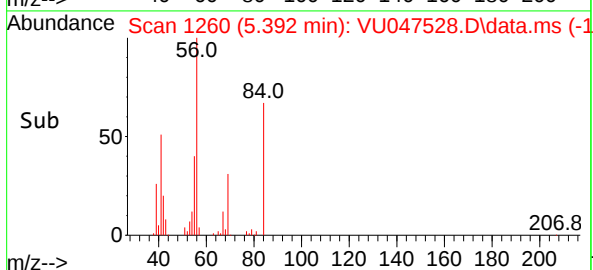
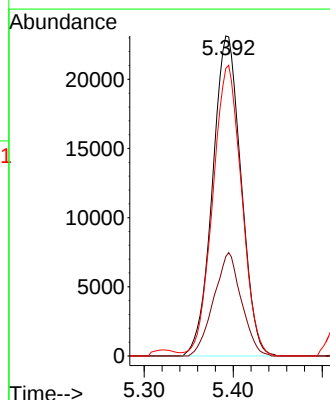
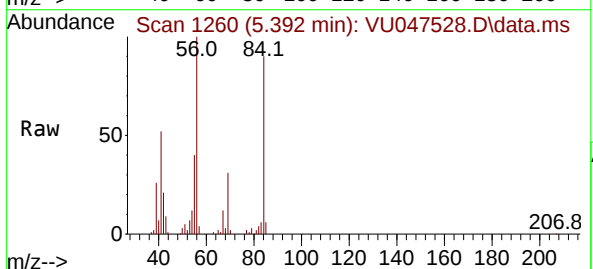
Instrument :
MSVOA_U
ClientSampleId :
VSTD005098

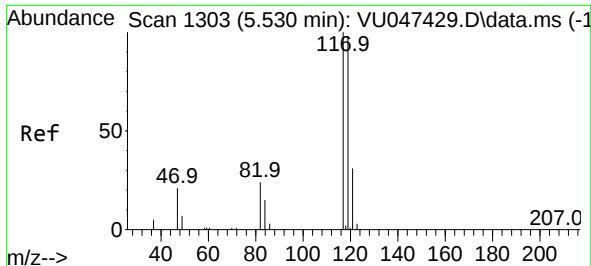
Tgt Ion: 97 Resp: 64862
Ion Ratio Lower Upper
97 100
99 65.7 52.1 78.1
61 44.5 33.8 50.6



#30
Cyclohexane
Concen: 4.695 ug/L
RT: 5.392 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VU047528.D
Acq: 12 Mar 2022 05:46

Tgt Ion: 56 Resp: 51463
Ion Ratio Lower Upper
56 100
69 31.4 26.0 39.0
84 91.9 76.3 114.5

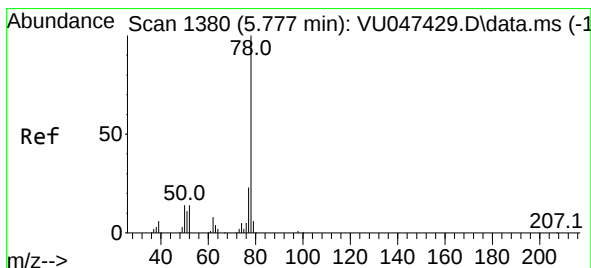
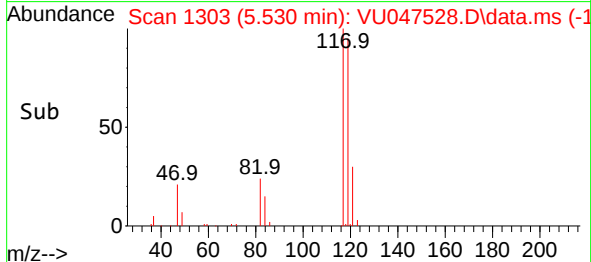
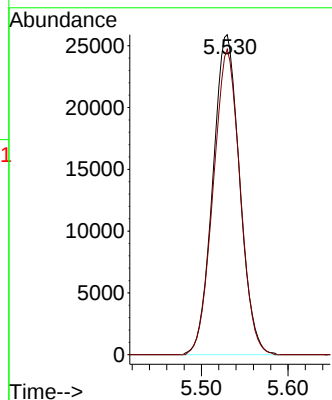
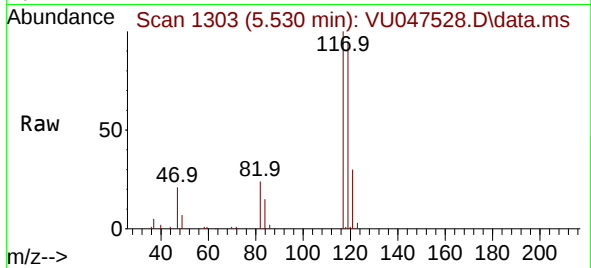




#31
Carbon tetrachloride
Concen: 5.575 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU047528.D
Acq: 12 Mar 2022 05:46

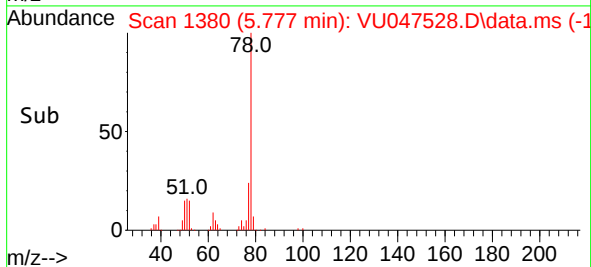
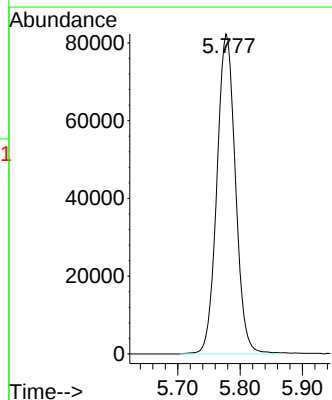
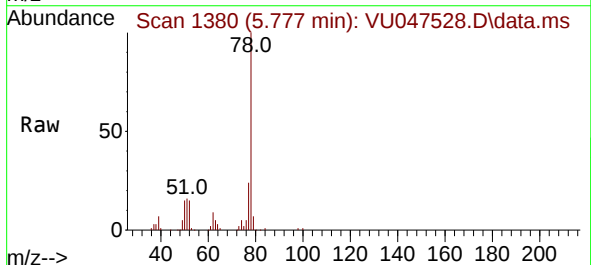
Instrument :
MSVOA_U
ClientSampleId :
VSTD005098

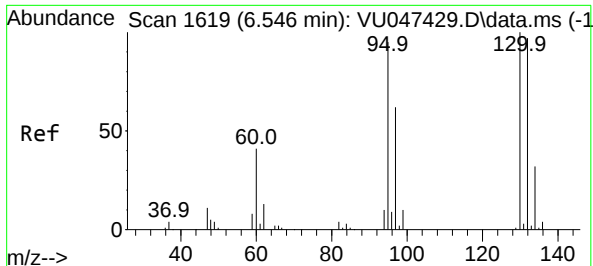
Tgt Ion:117 Resp: 55716
Ion Ratio Lower Upper
117 100
119 95.4 75.8 113.8



#33
Benzene
Concen: 5.719 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047528.D
Acq: 12 Mar 2022 05:46

Tgt Ion: 78 Resp: 170097

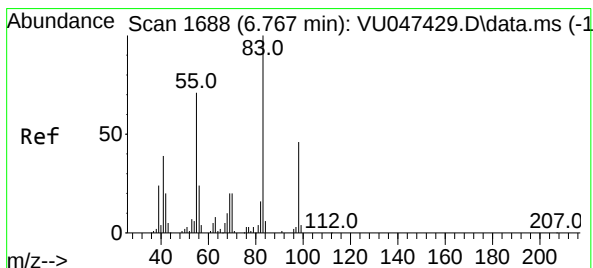
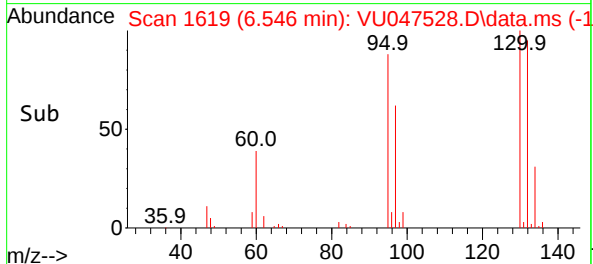
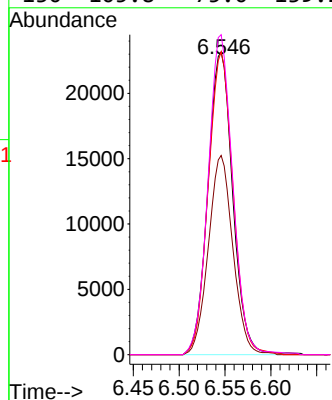
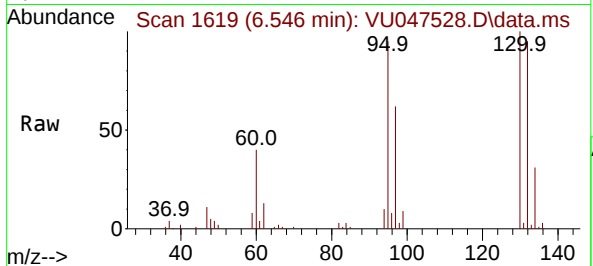




#34
Trichloroethene
Concen: 5.481 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047528.D
Acq: 12 Mar 2022 05:46

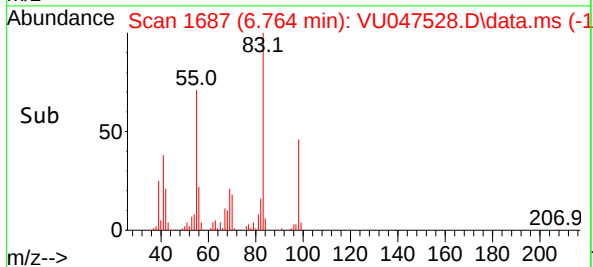
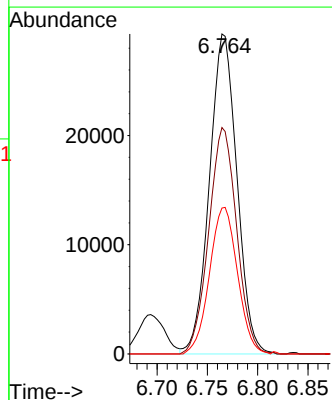
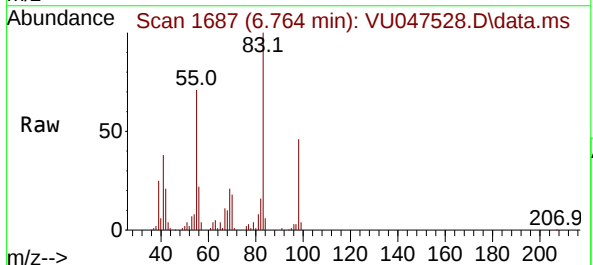
Instrument :
MSVOA_U
ClientSampleId :
VSTD005098

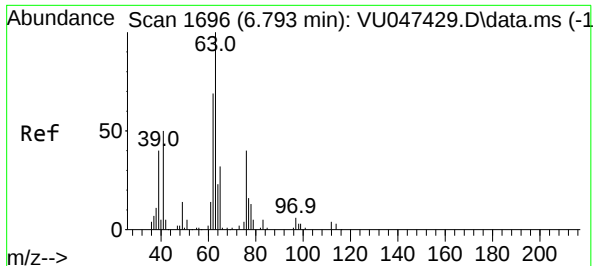
Tgt Ion: 95 Resp: 43579
Ion Ratio Lower Upper
95 100
97 65.9 46.3 85.9
132 100.2 71.7 133.1
130 105.8 75.0 139.2



#35
Methylcyclohexane
Concen: 4.451 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU047528.D
Acq: 12 Mar 2022 05:46

Tgt Ion: 83 Resp: 55823
Ion Ratio Lower Upper
83 100
55 71.9 57.8 86.8
98 46.6 38.0 57.0





#37

1,2-Dichloropropane

Concen: 6.155 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047528.D

Acq: 12 Mar 2022 05:46

Instrument :

MSVOA_U

ClientSampleId :

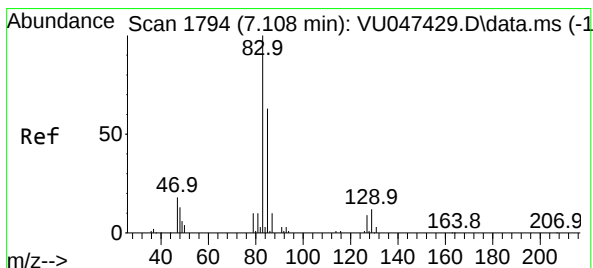
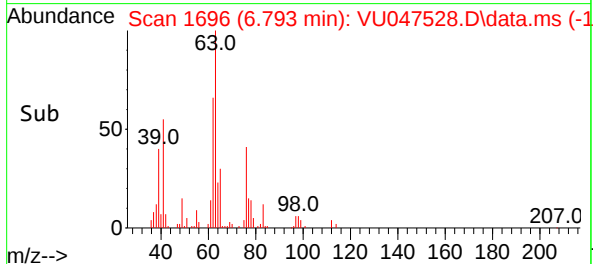
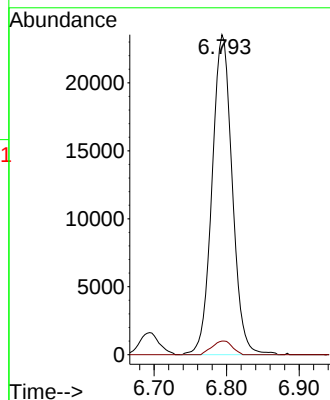
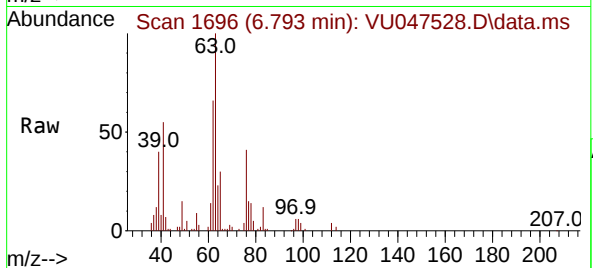
VSTD005098

Tgt Ion: 63 Resp: 45594

Ion Ratio Lower Upper

63 100

112 4.2 3.3 4.9



#38

Bromodichloromethane

Concen: 6.079 ug/L

RT: 7.109 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047528.D

Acq: 12 Mar 2022 05:46

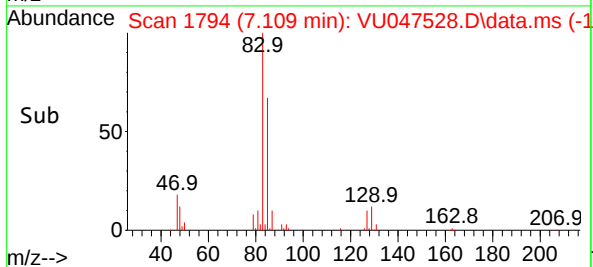
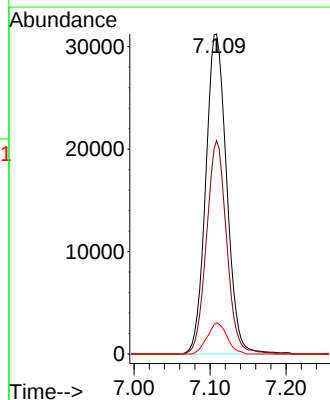
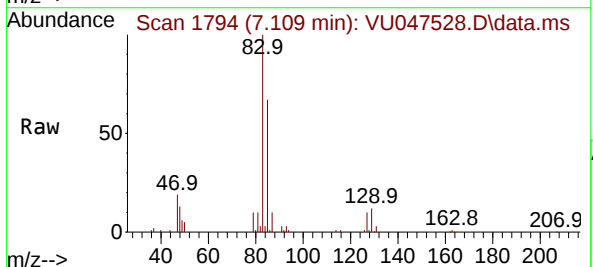
Tgt Ion: 83 Resp: 59779

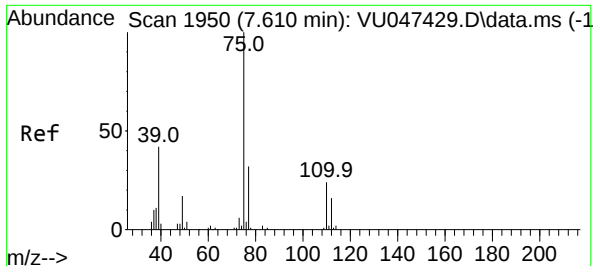
Ion Ratio Lower Upper

83 100

85 66.7 45.0 83.6

127 9.7 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 5.532 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047528.D

Acq: 12 Mar 2022 05:46

Instrument :

MSVOA_U

ClientSampleId :

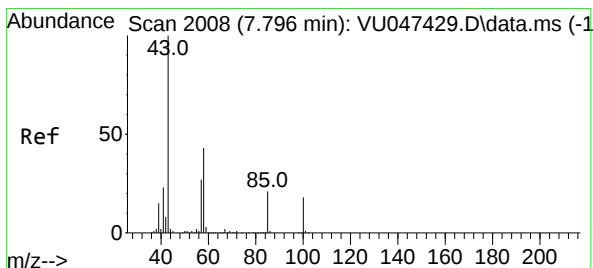
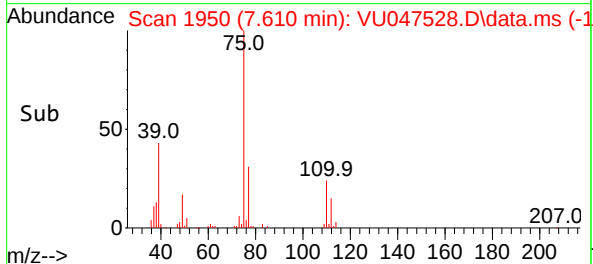
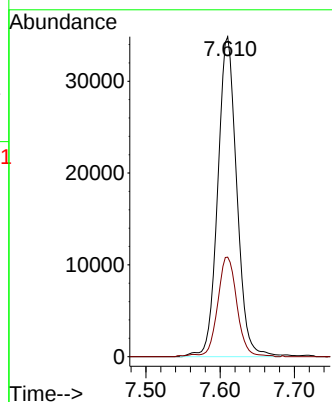
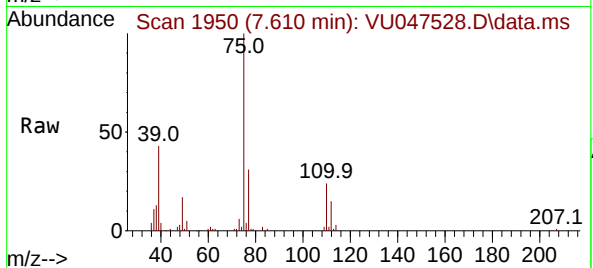
VSTD005098

Tgt Ion: 75 Resp: 62126

Ion Ratio Lower Upper

75 100

77 31.1 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 62.036 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU047528.D

Acq: 12 Mar 2022 05:46

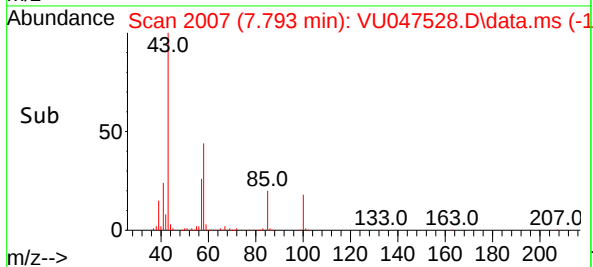
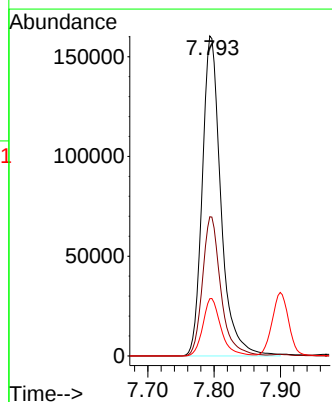
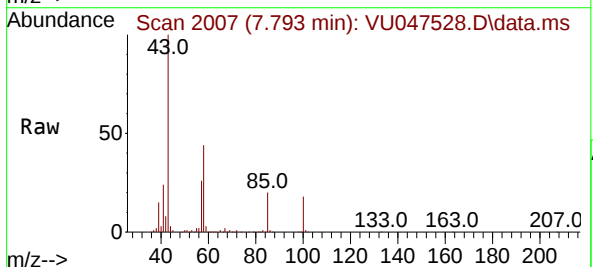
Tgt Ion: 43 Resp: 313234

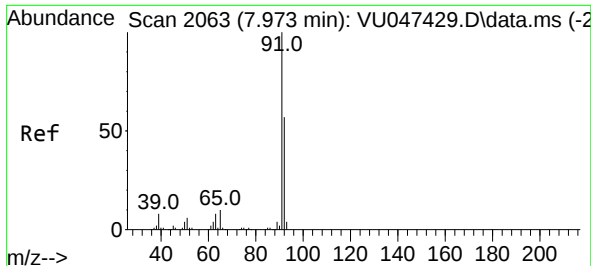
Ion Ratio Lower Upper

43 100

58 42.9 34.8 52.2

100 17.5 14.2 21.4





#42

Toluene

Concen: 5.612 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU047528.D

Acq: 12 Mar 2022 05:46

Instrument :

MSVOA_U

ClientSampleId :

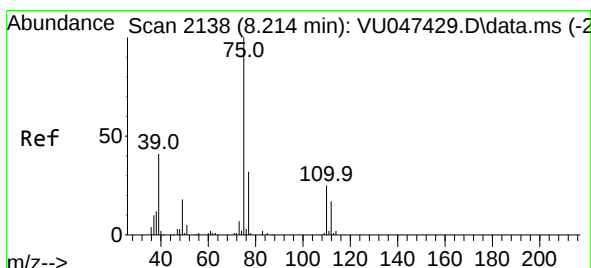
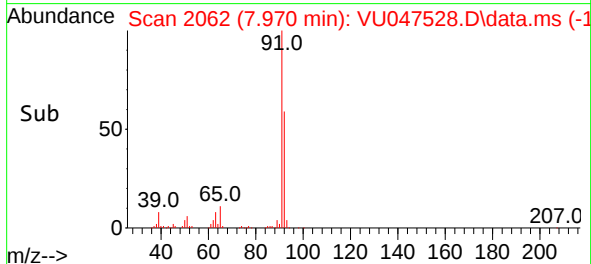
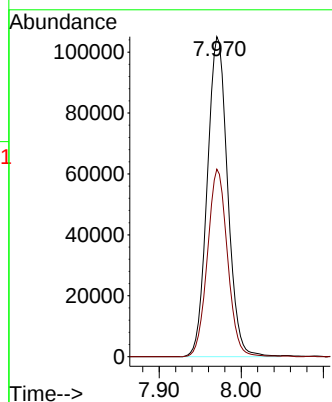
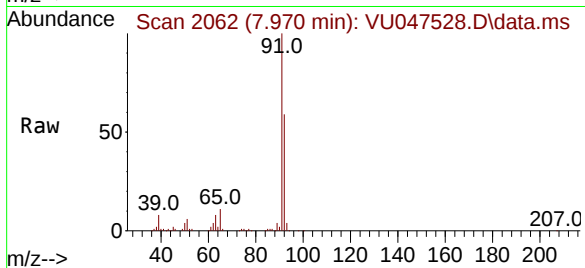
VSTD005098

Tgt Ion: 91 Resp: 181318

Ion Ratio Lower Upper

91 100

92 58.6 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 5.531 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047528.D

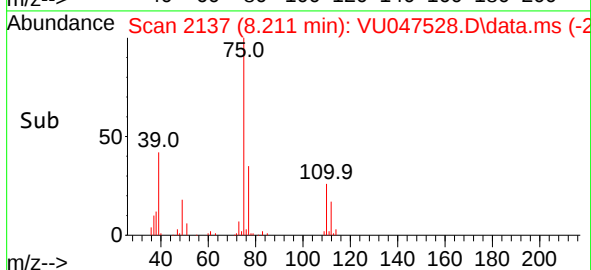
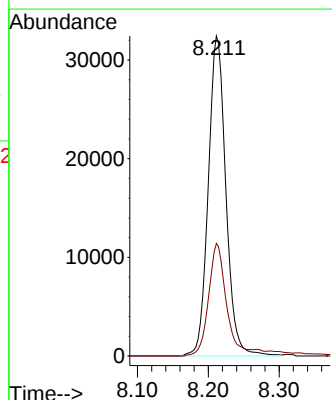
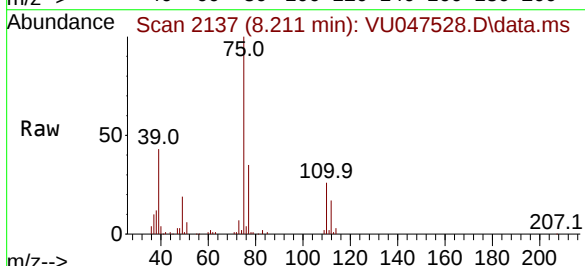
Acq: 12 Mar 2022 05:46

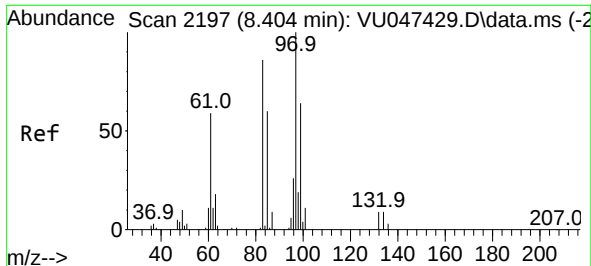
Tgt Ion: 75 Resp: 56018

Ion Ratio Lower Upper

75 100

77 35.2 23.6 43.8

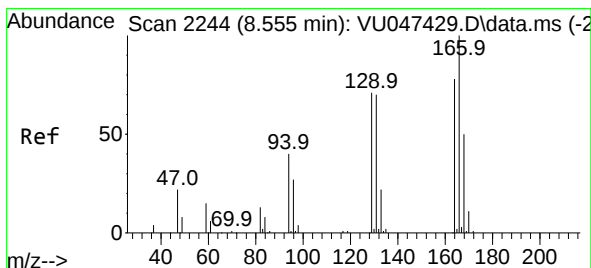
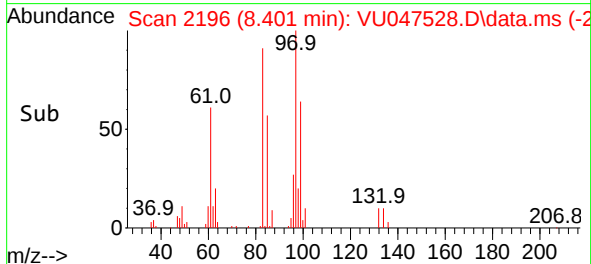
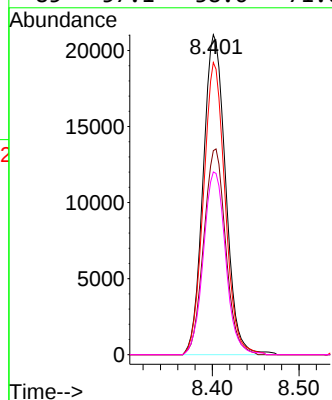
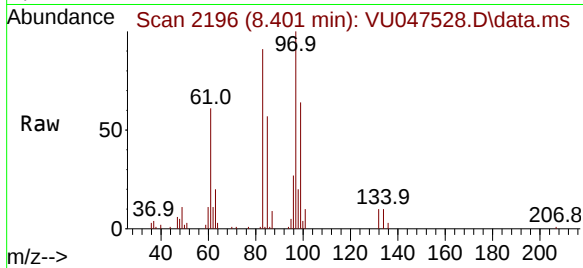




#45
1,1,2-Trichloroethane
Concen: 6.238 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU047528.D
Acq: 12 Mar 2022 05:46

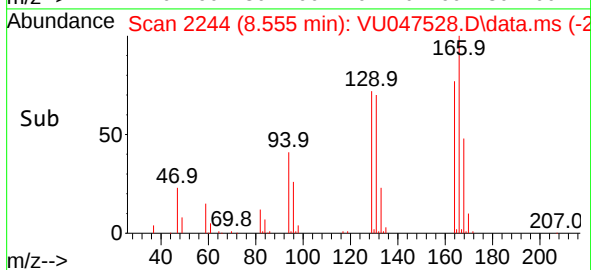
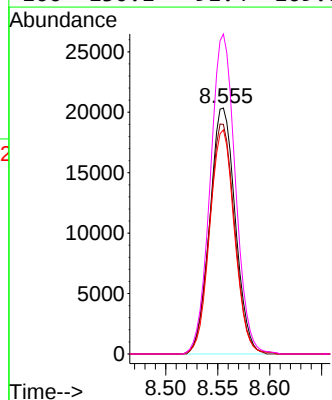
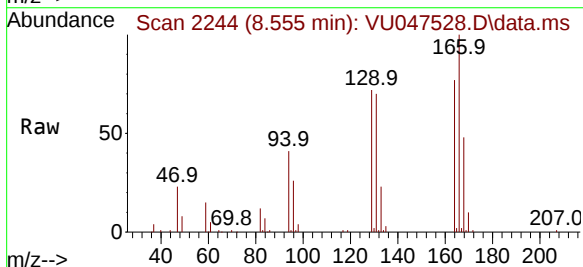
Instrument :
MSVOA_U
ClientSampleId :
VSTD005098

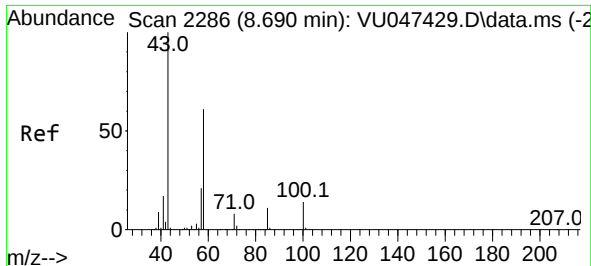
Tgt Ion:	97	Resp:	37865
Ion	Ratio	Lower	Upper
97	100		
99	63.8	43.3	80.5
83	91.3	59.1	109.9
85	57.1	38.6	71.6



#47
Tetrachloroethene
Concen: 5.150 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047528.D
Acq: 12 Mar 2022 05:46

Tgt Ion:	164	Resp:	34735
Ion	Ratio	Lower	Upper
164	100		
129	93.4	64.9	120.5
131	91.1	63.6	118.2
166	130.1	91.4	169.8

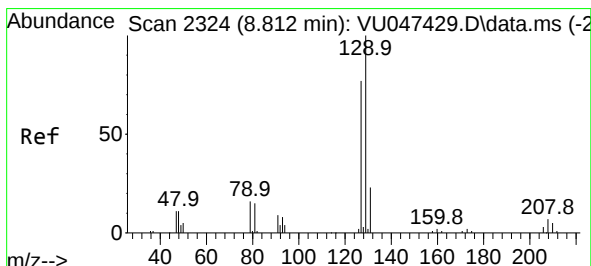
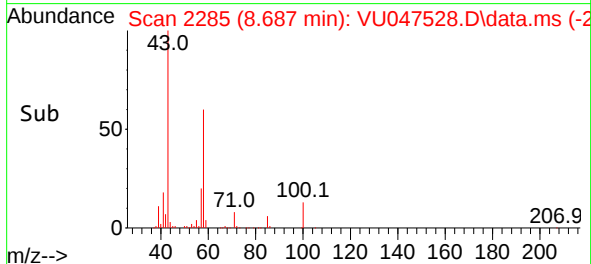
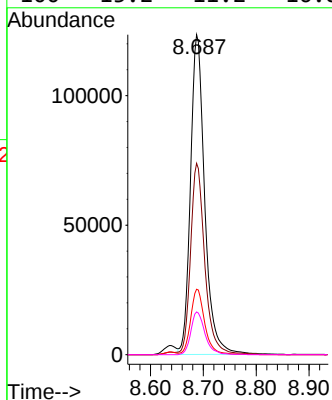
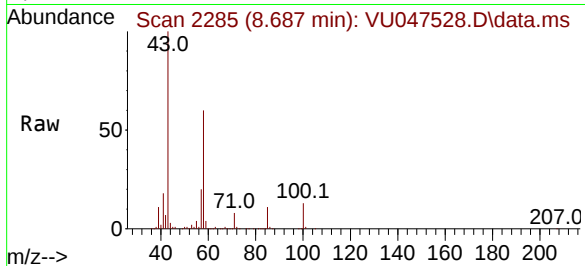




#48
2-Hexanone
Concen: 63.179 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047528.D
Acq: 12 Mar 2022 05:46

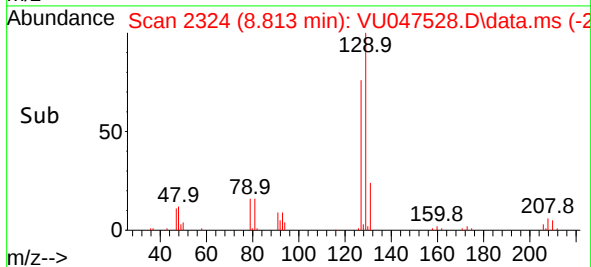
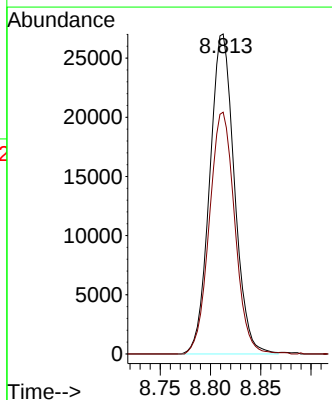
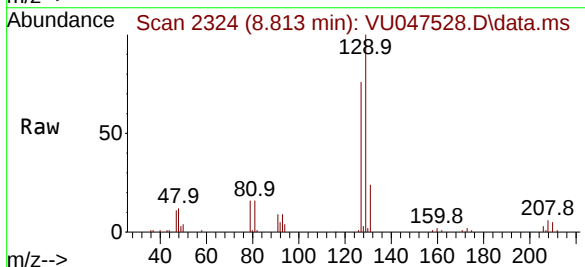
Instrument :
MSVOA_U
ClientSampleId :
VSTD005098

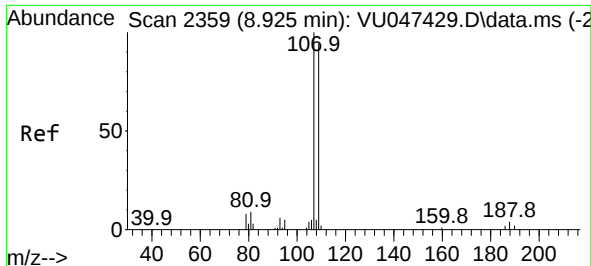
Tgt Ion: 43 Resp: 231441
Ion Ratio Lower Upper
43 100
58 60.0 47.7 71.5
57 19.9 16.6 25.0
100 13.2 11.2 16.8



#49
Dibromochloromethane
Concen: 6.273 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047528.D
Acq: 12 Mar 2022 05:46

Tgt Ion: 129 Resp: 46255
Ion Ratio Lower Upper
129 100
127 75.5 52.6 97.8





#50

1,2-Dibromoethane

Concen: 6.159 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047528.D

Acq: 12 Mar 2022 05:46

Instrument :

MSVOA_U

ClientSampleId :

VSTD005098

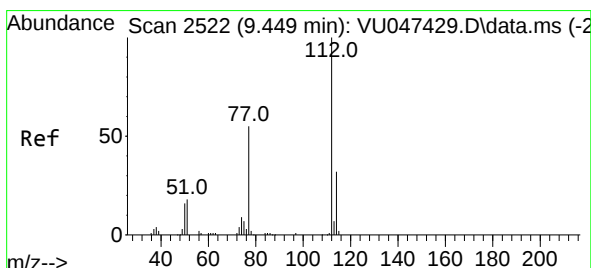
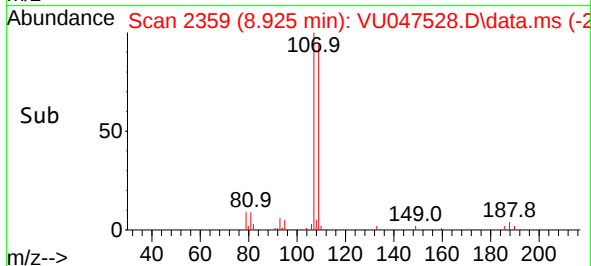
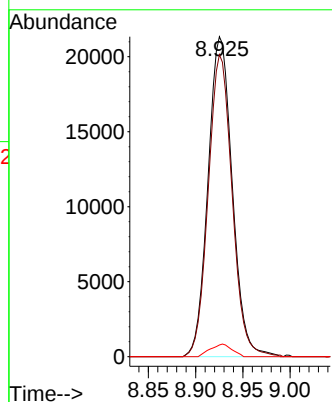
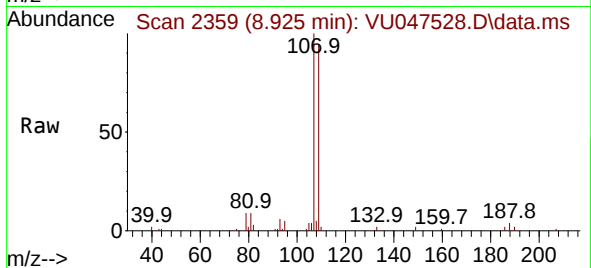
Tgt Ion:107 Resp: 38042

Ion Ratio Lower Upper

107 100

109 94.4 65.8 122.2

188 3.7 3.3 4.9



#51

Chlorobenzene

Concen: 5.642 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU047528.D

Acq: 12 Mar 2022 05:46

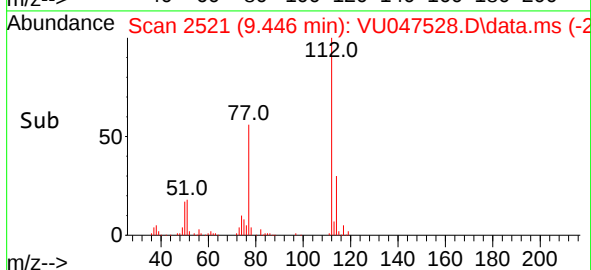
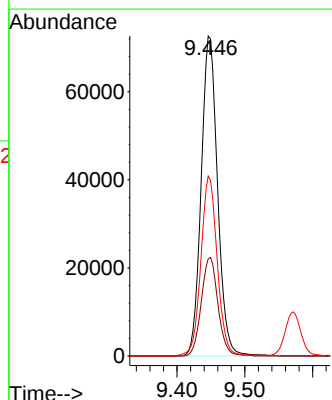
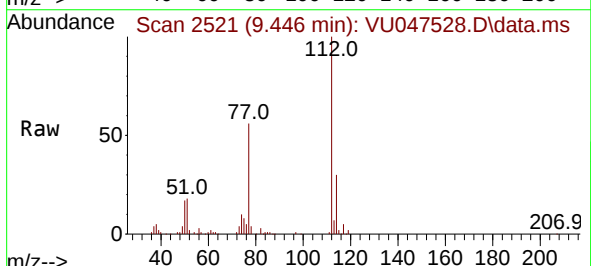
Tgt Ion:112 Resp: 121943

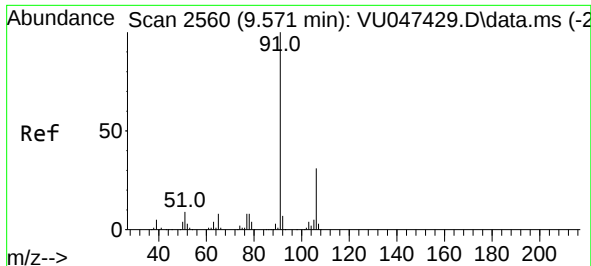
Ion Ratio Lower Upper

112 100

114 30.3 22.8 42.4

77 56.2 45.0 67.6

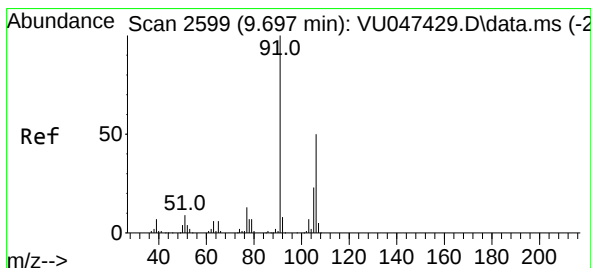
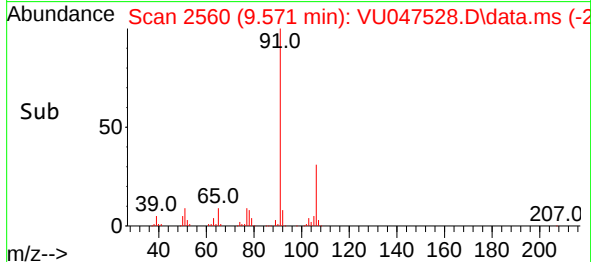
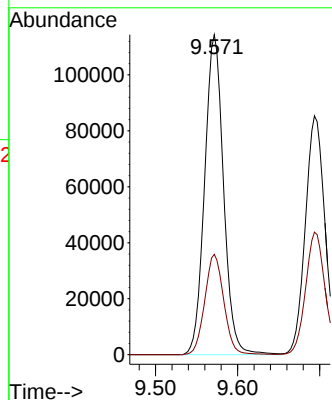
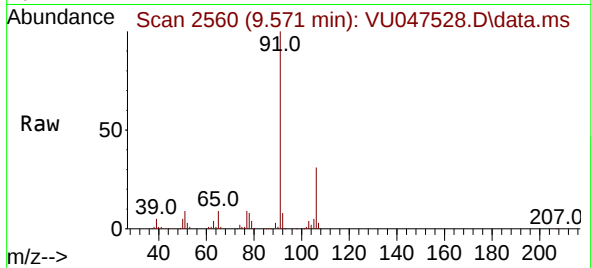




#52
Ethylbenzene
Concen: 5.241 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047528.D
Acq: 12 Mar 2022 05:46

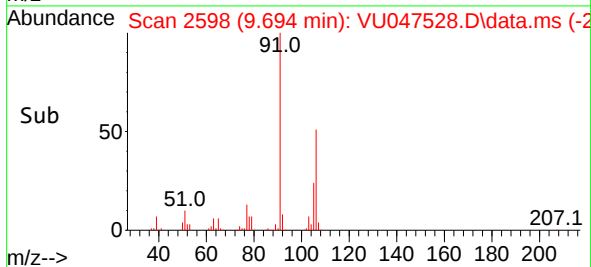
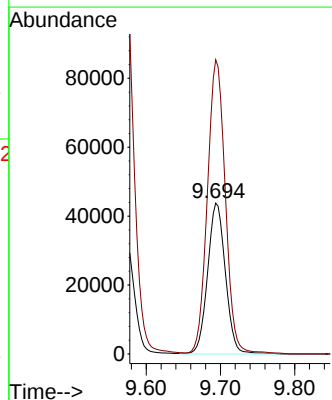
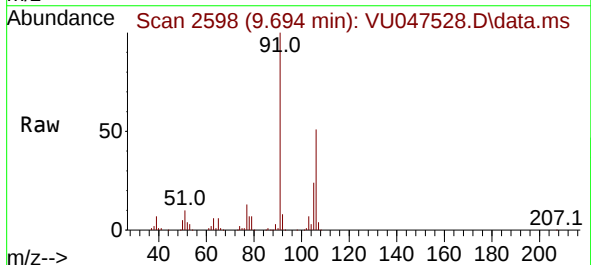
Instrument :
MSVOA_U
ClientSampleId :
VSTD005098

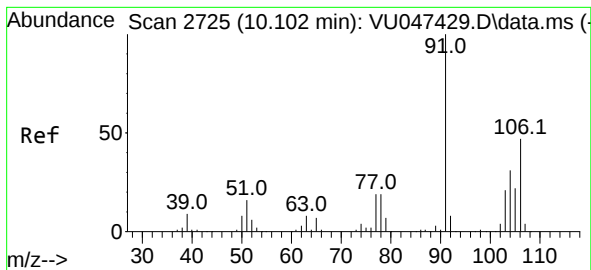
Tgt Ion: 91 Resp: 183383
Ion Ratio Lower Upper
91 100
106 31.3 22.4 41.6



#53
m,p-Xylene
Concen: 5.301 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU047528.D
Acq: 12 Mar 2022 05:46

Tgt Ion:106 Resp: 72768
Ion Ratio Lower Upper
106 100
91 195.0 138.8 257.8





#54

o-Xylene

Concen: 5.396 ug/L

RT: 10.102 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047528.D

Acq: 12 Mar 2022 05:46

Instrument :

MSVOA_U

ClientSampleId :

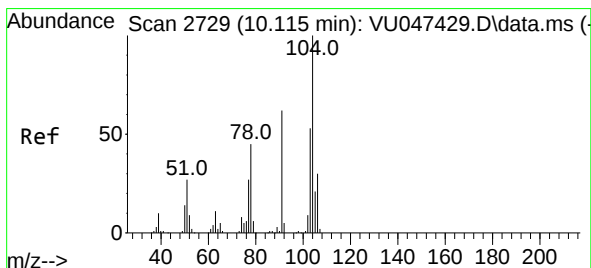
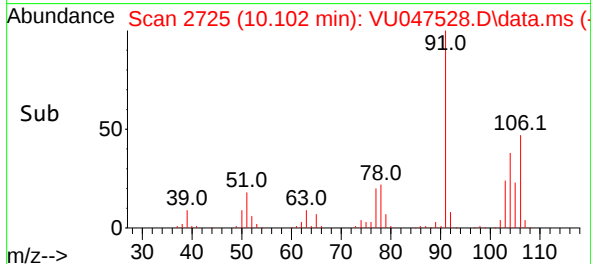
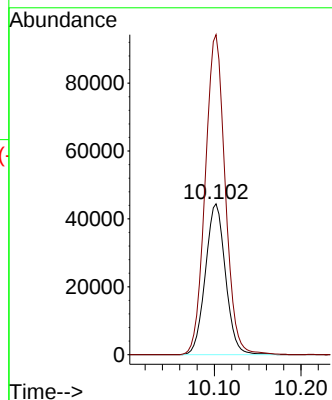
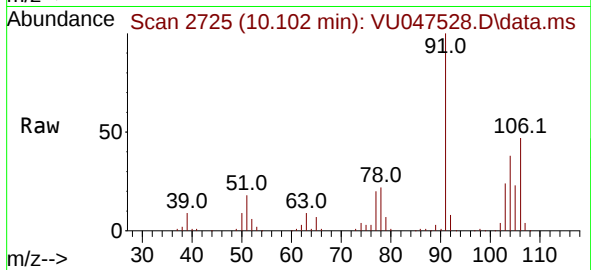
VSTD005098

Tgt Ion:106 Resp: 71757

Ion Ratio Lower Upper

106 100

91 212.1 149.2 277.0



#55

Styrene

Concen: 5.589 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU047528.D

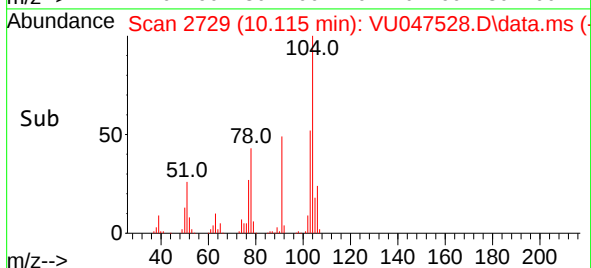
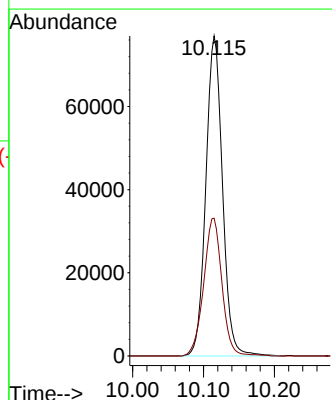
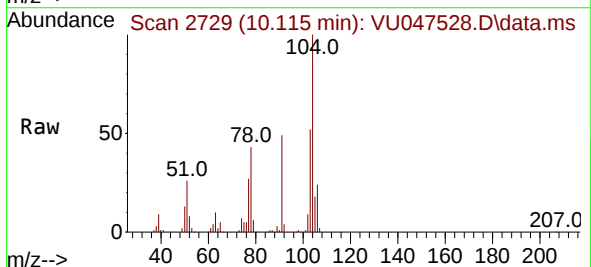
Acq: 12 Mar 2022 05:46

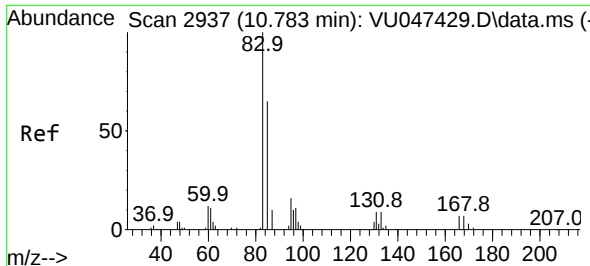
Tgt Ion:104 Resp: 125659

Ion Ratio Lower Upper

104 100

78 43.1 30.4 56.4

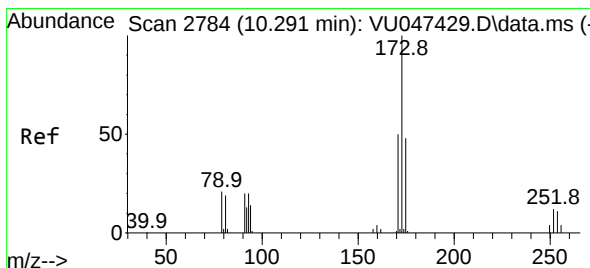
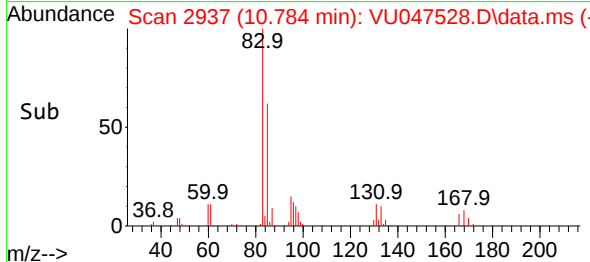
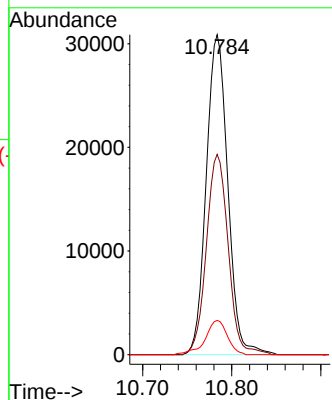
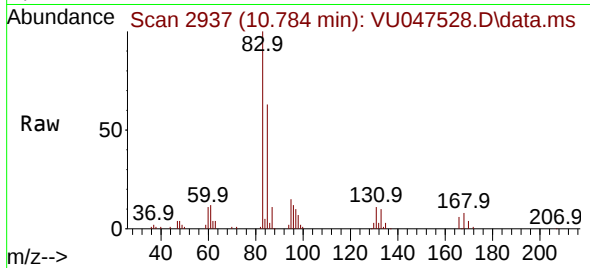




#57
1,1,2,2-Tetrachloroethane
Concen: 6.358 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047528.D
Acq: 12 Mar 2022 05:46

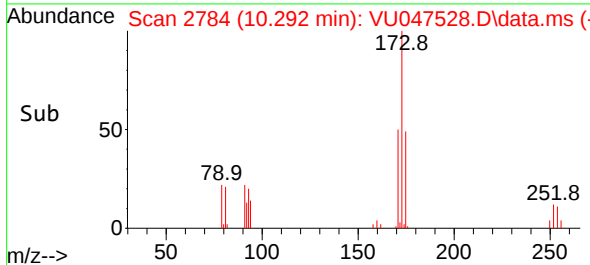
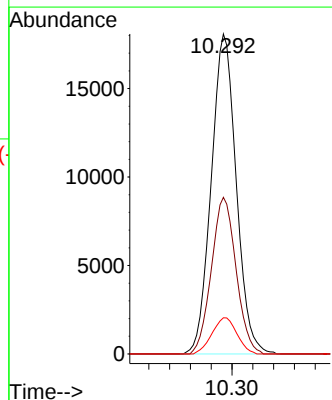
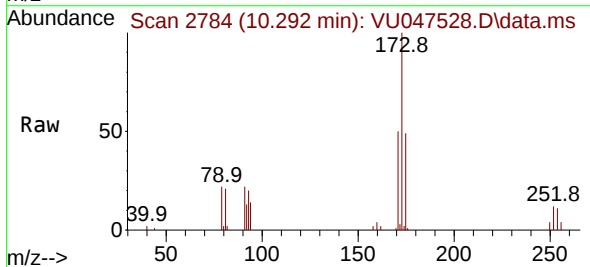
Instrument :
MSVOA_U
ClientSampleId :
VSTD005098

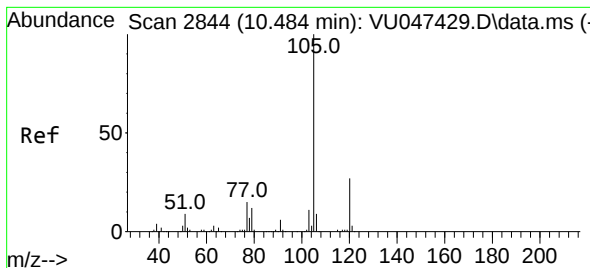
Tgt Ion: 83 Resp: 51667
Ion Ratio Lower Upper
83 100
85 62.6 46.0 85.4
131 10.7 8.2 12.4



#59
Bromoform
Concen: 6.637 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU047528.D
Acq: 12 Mar 2022 05:46

Tgt Ion: 173 Resp: 30200
Ion Ratio Lower Upper
173 100
175 48.2 38.7 58.1
254 11.3 9.0 13.4





#60

Isopropylbenzene

Concen: 5.316 ug/L

RT: 10.485 min Scan# 2844

Delta R.T. 0.000 min

Lab File: VU047528.D

Acq: 12 Mar 2022 05:46

Instrument :

MSVOA_U

ClientSampleId :

VSTD005098

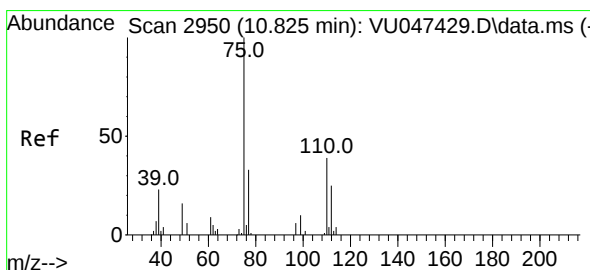
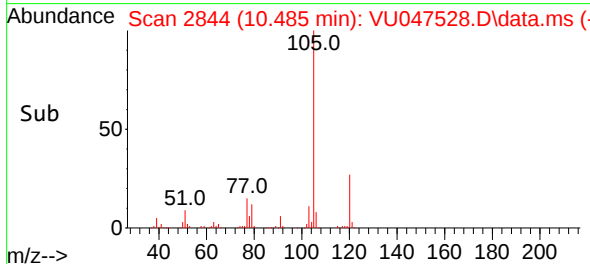
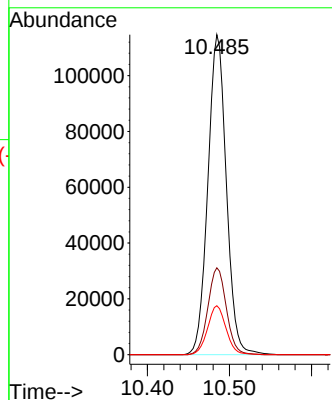
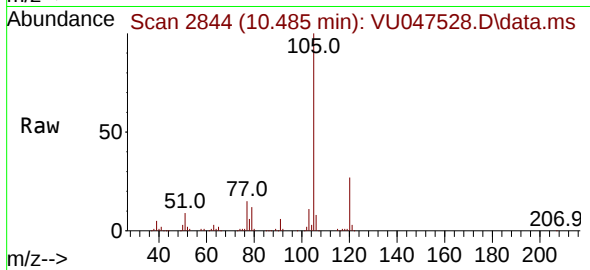
Tgt Ion:105 Resp: 179787

Ion Ratio Lower Upper

105 100

120 27.1 21.8 32.6

77 15.3 12.2 18.2



#61

1,2,3-Trichloropropane

Concen: 6.299 ug/L

RT: 10.822 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU047528.D

Acq: 12 Mar 2022 05:46

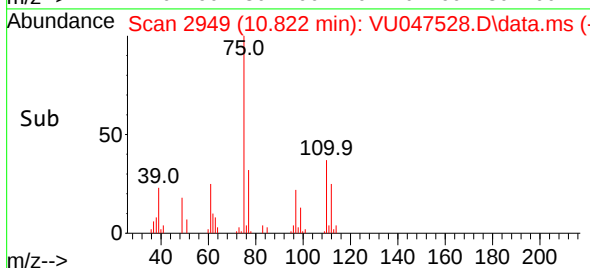
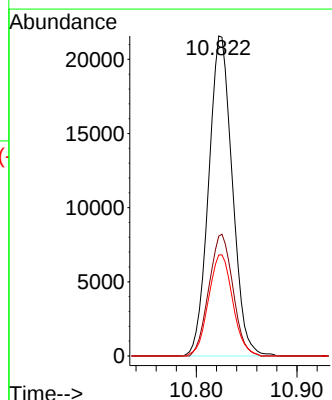
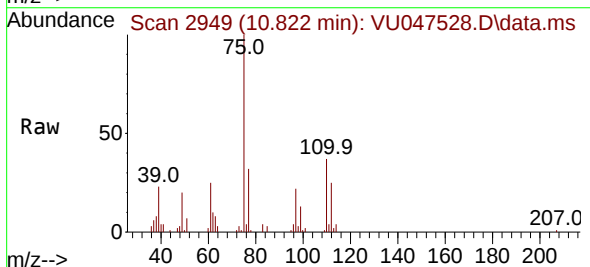
Tgt Ion: 75 Resp: 35267

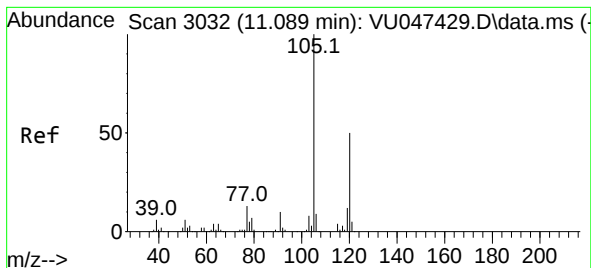
Ion Ratio Lower Upper

75 100

110 38.6 31.0 46.4

77 32.4 26.2 39.4





#62

1,3,5-Trimethylbenzene

Concen: 5.107 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU047528.D

Acq: 12 Mar 2022 05:46

Instrument :

MSVOA_U

ClientSampleId :

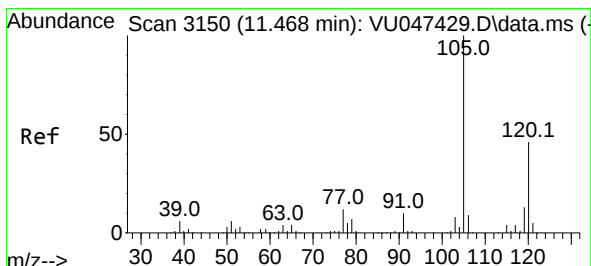
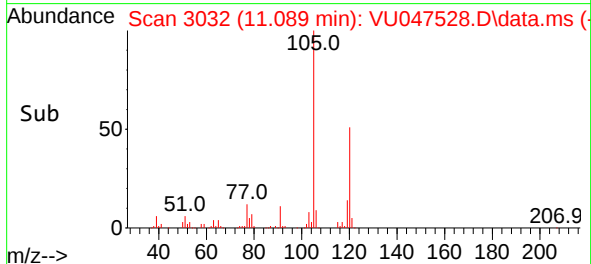
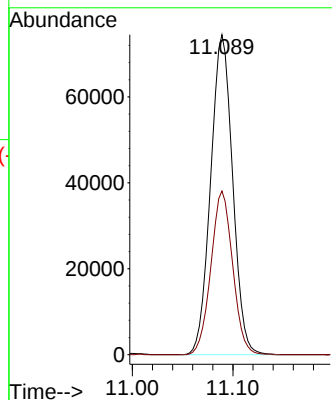
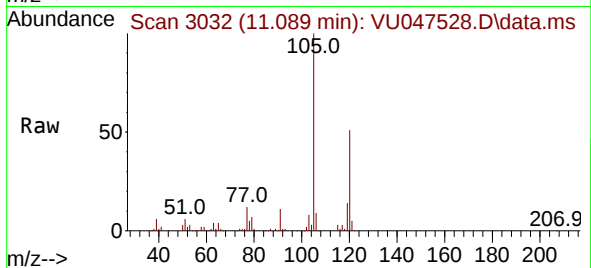
VSTD005098

Tgt Ion:105 Resp: 113287

Ion Ratio Lower Upper

105 100

120 50.6 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.231 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU047528.D

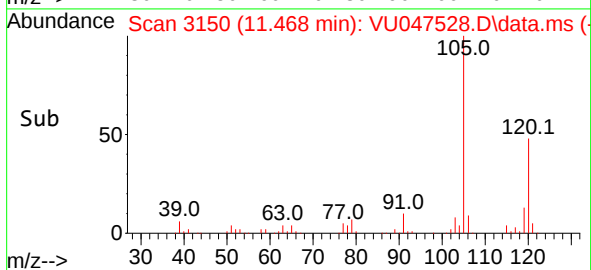
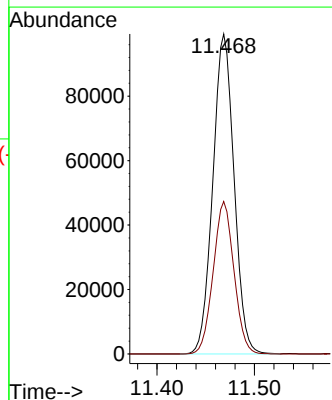
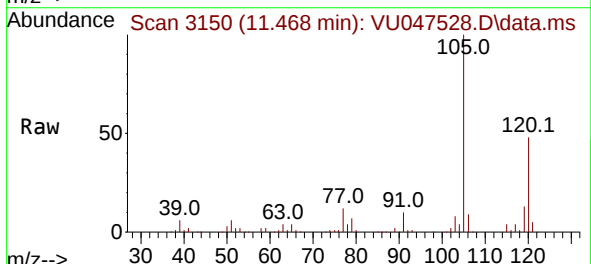
Acq: 12 Mar 2022 05:46

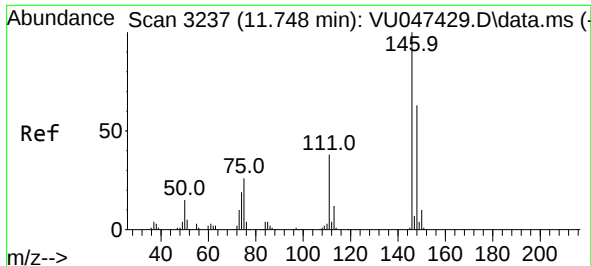
Tgt Ion:105 Resp: 150510

Ion Ratio Lower Upper

105 100

120 46.5 37.2 55.8

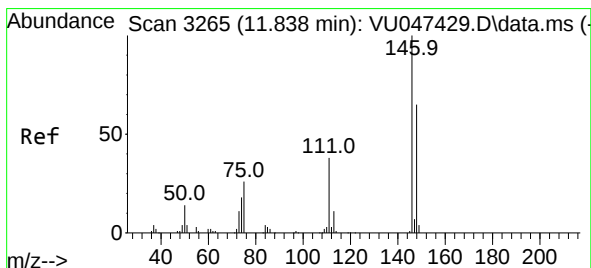
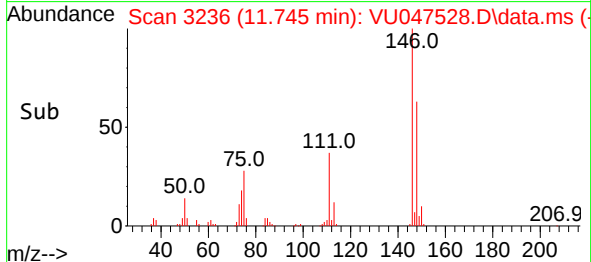
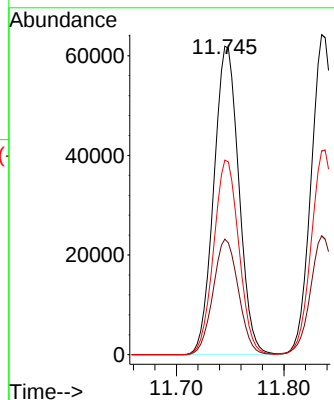
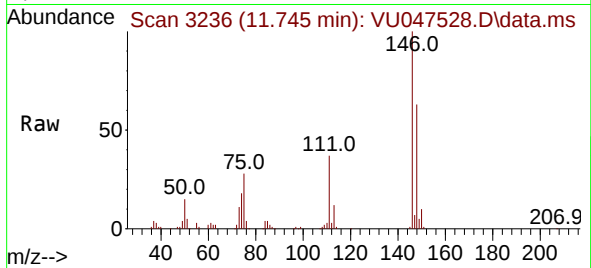




#64
1,3-Dichlorobenzene
Concen: 5.598 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047528.D
Acq: 12 Mar 2022 05:46

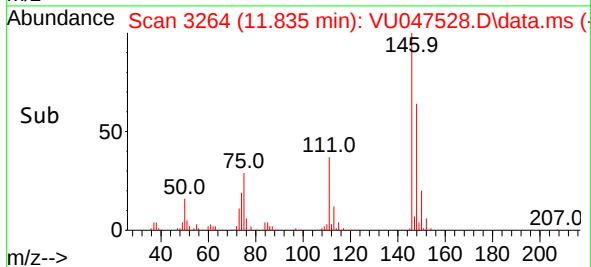
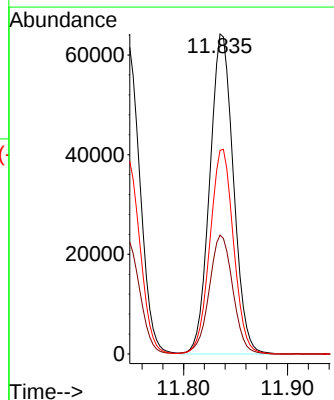
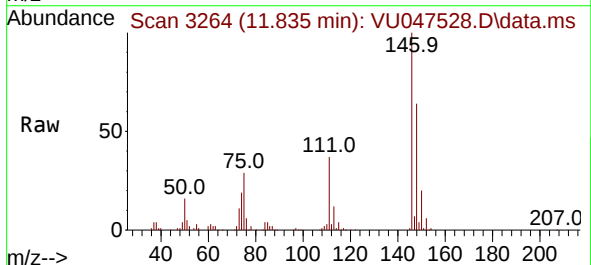
Instrument :
MSVOA_U
ClientSampleId :
VSTD005098

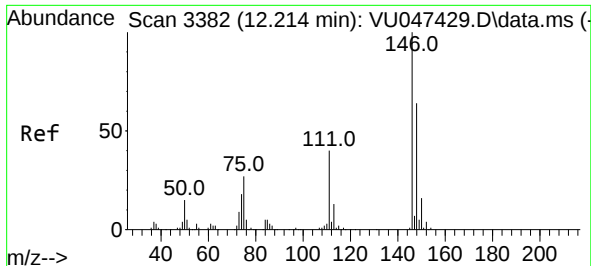
Tgt Ion:146 Resp: 100348
Ion Ratio Lower Upper
146 100
111 37.4 27.0 50.2
148 63.1 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.585 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU047528.D
Acq: 12 Mar 2022 05:46

Tgt Ion:146 Resp: 101649
Ion Ratio Lower Upper
146 100
111 37.2 26.1 48.5
148 63.6 45.6 84.6





#67

1,2-Dichlorobenzene

Concen: 5.768 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU047528.D

Acq: 12 Mar 2022 05:46

Instrument :

MSVOA_U

ClientSampleId :

VSTD005098

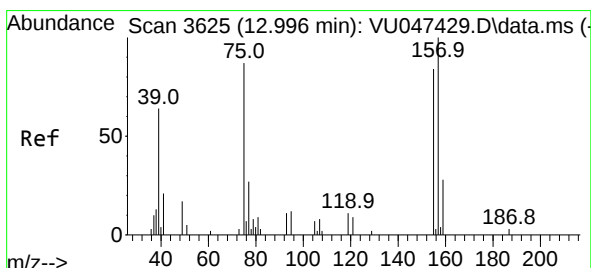
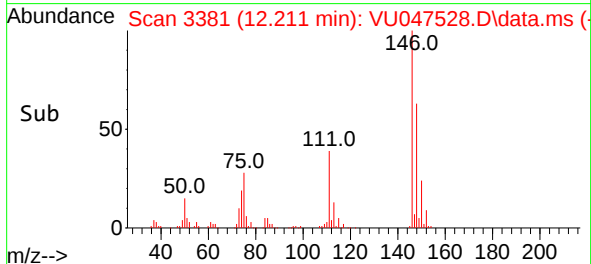
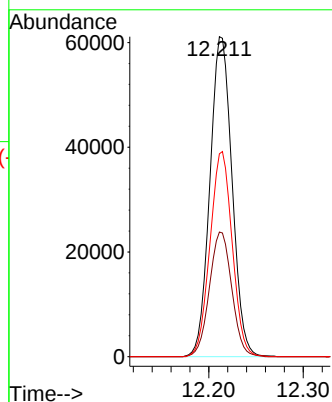
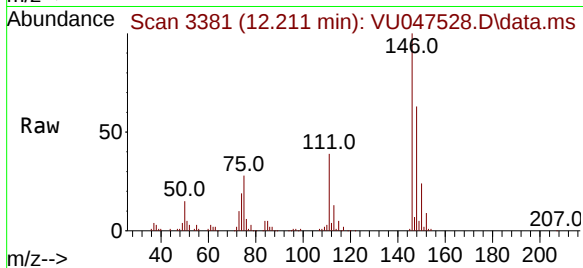
Tgt Ion:146 Resp: 99346

Ion Ratio Lower Upper

146 100

111 39.0 31.9 47.9

148 63.4 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 6.540 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU047528.D

Acq: 12 Mar 2022 05:46

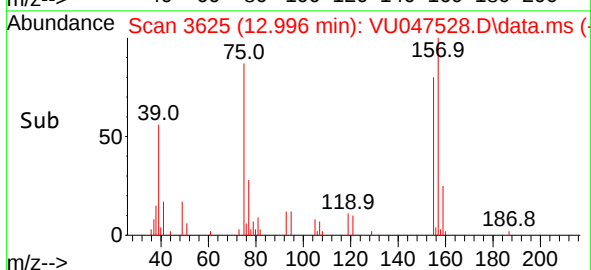
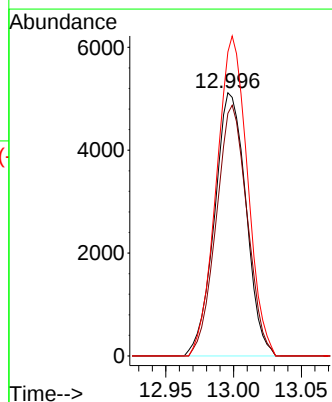
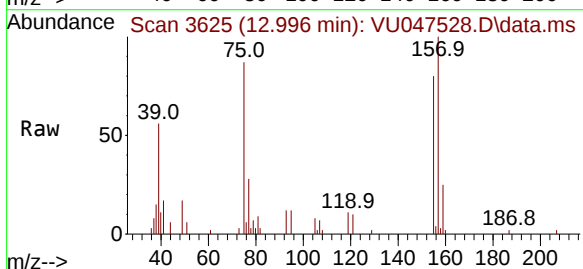
Tgt Ion: 75 Resp: 8254

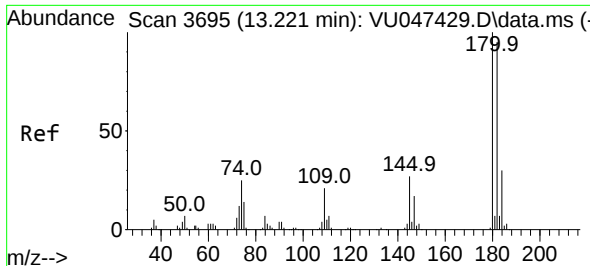
Ion Ratio Lower Upper

75 100

155 92.1 71.3 106.9

157 115.5 88.6 132.8





#69

1,3,5-Trichlorobenzene

Concen: 5.575 ug/L

RT: 13.218 min Scan# 3694

Delta R.T. -0.003 min

Lab File: VU047528.D

Acq: 12 Mar 2022 05:46

Instrument :

MSVOA_U

ClientSampleId :

VSTD005098

Tgt Ion:180 Resp: 81961

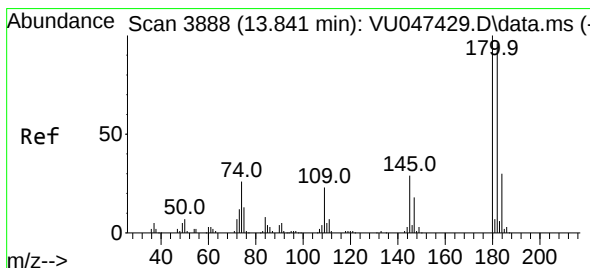
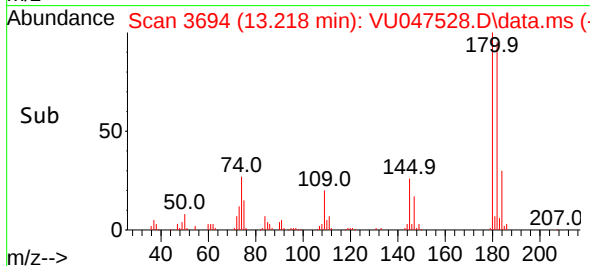
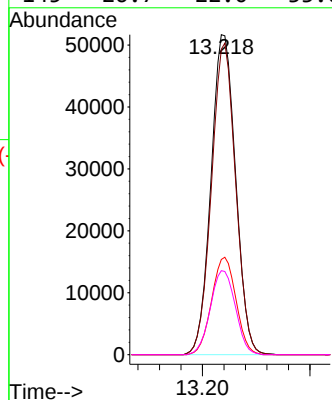
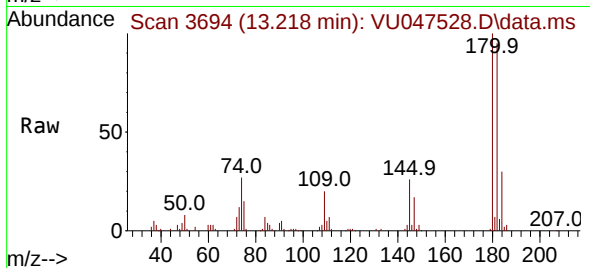
Ion Ratio Lower Upper

180 100

182 95.6 77.1 115.7

184 30.3 25.0 37.4

145 26.7 22.0 33.0



#70

1,2,4-trichlorobenzene

Concen: 5.558 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU047528.D

Acq: 12 Mar 2022 05:46

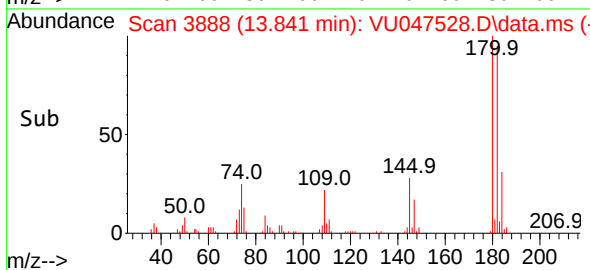
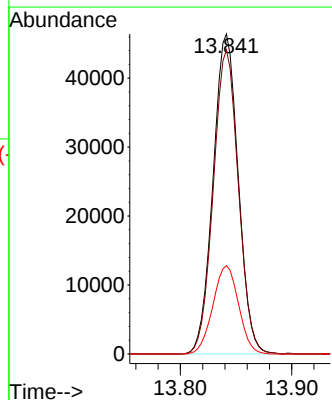
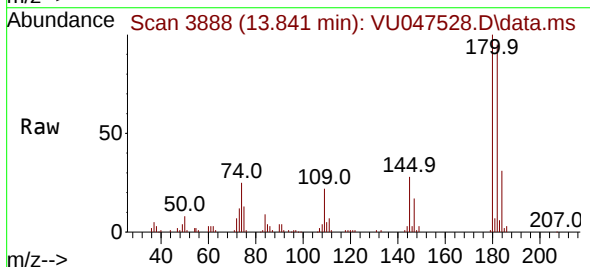
Tgt Ion:180 Resp: 72830

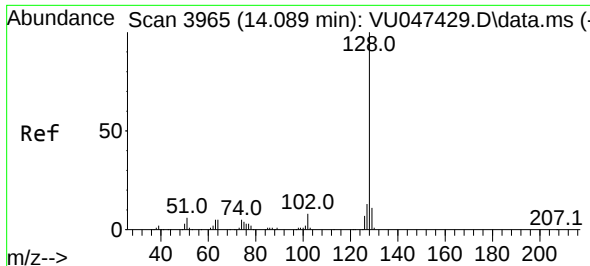
Ion Ratio Lower Upper

180 100

182 94.6 76.6 114.8

145 28.2 22.4 33.6

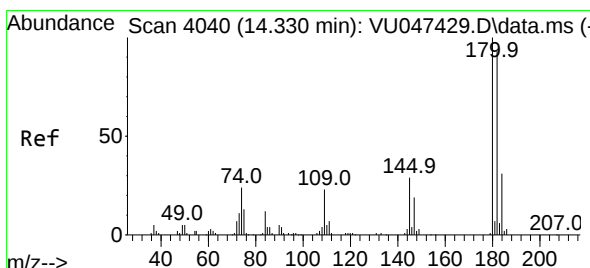
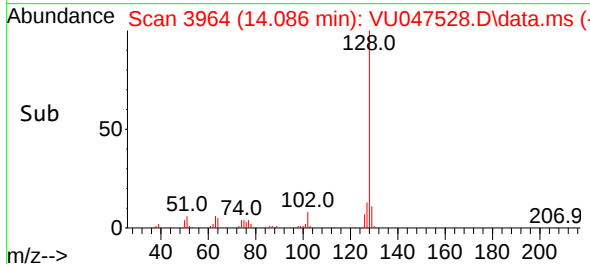
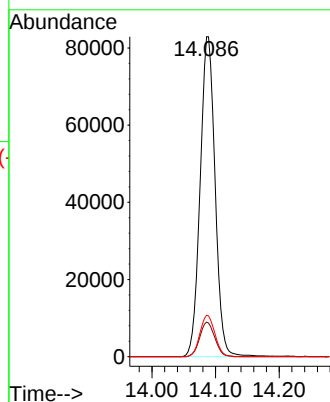
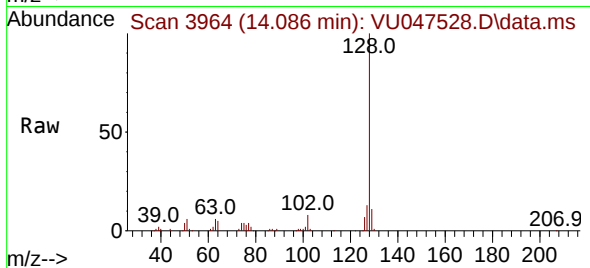




#71
Naphthalene
Concen: 5.778 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU047528.D
Acq: 12 Mar 2022 05:46

Instrument :
MSVOA_U
ClientSampleId :
VSTD005098

Tgt Ion:128 Resp: 135415
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.9 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.831 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047528.D
Acq: 12 Mar 2022 05:46

Tgt Ion:180 Resp: 70066
Ion Ratio Lower Upper
180 100
182 96.2 77.0 115.6
145 29.0 23.4 35.2

