

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U020222\
 Data File : U047014.D
 Acq On : 02 Feb 2022 20:17
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005185

Quant Time: Feb 03 03:03:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 03 02:56:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	100498	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	116268	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	63687	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	44816	5.263	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.200%
7) Chloroethane-d5	1.919	69	35681	5.318	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.400%
11) 1,1-Dichloroethene-d2	2.572	65	18293	5.400	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.000%
20) 2-Butanone-d5	4.642	46	98688	39.118	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.240%
24) Chloroform-d	5.067	84	78050	5.221	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
26) 1,2-Dichloroethane-d4	5.707	65	39897	4.901	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.732	84	150313	4.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.694	67	46792	4.561	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.899	98	136331	4.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.182	79	17367	3.854	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.000%
46) 2-Hexanone-d5	8.636	63	89888	33.692	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.380%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42517	4.128	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	46957	3.932	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	42552	4.501	ug/L	100
3) Chloromethane	1.527	50	47032	6.042	ug/L	100
5) Vinyl chloride	1.607	62	46546	5.743	ug/L	99
6) Bromomethane	1.861	94	26812	5.287	ug/L	98
8) Chloroethane	1.938	64	29375	6.297	ug/L	99
9) Trichlorofluoromethane	2.144	101	59854	6.061	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	34033	5.796	ug/L	99
12) 1,1-Dichloroethene	2.584	96	32165	5.732	ug/L	90
13) Acetone	2.655	43	52341	38.146	ug/L	100
14) Carbon disulfide	2.800	76	96303	5.225	ug/L	100
15) Methyl Acetate	2.967	43	12266	4.093	ug/L	92
16) Methylene chloride	3.051	84	35879	5.294	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	68061	4.323	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	31756	5.225	ug/L	91
19) 1,1-Dichloroethane	3.877	63	61535	6.031	ug/L	99
21) 2-Butanone	4.723	43	82802	37.523	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	32756	5.109	ug/L	98
23) Bromochloromethane	4.980	128	15434	4.893	ug/L	95
25) Chloroform	5.092	83	65306	4.032	ug/L	96

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 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005185

Quant Time: Feb 03 03:03:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 03 02:56:36 2022
 Response via : Initial Calibration

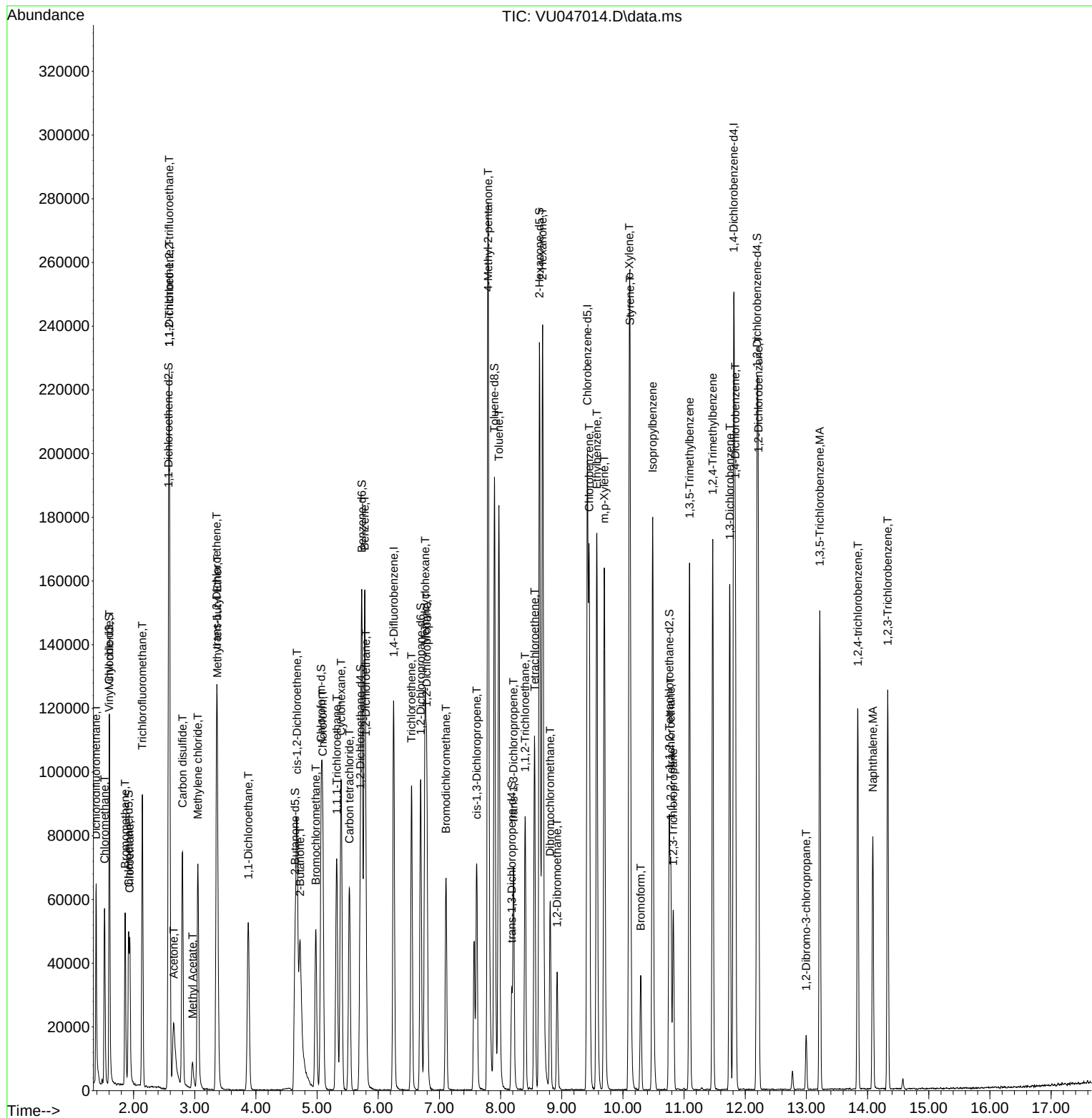
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	40183	5.621	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	52732	5.036	ug/L	99
30) Cyclohexane	5.395	56	43510	4.096	ug/L	98
31) Carbon tetrachloride	5.526	117	44710	4.976	ug/L	99
33) Benzene	5.777	78	137209	5.012	ug/L	100
34) Trichloroethene	6.542	95	33480	4.711	ug/L	97
35) Methylcyclohexane	6.768	83	45203	3.797	ug/L	98
37) 1,2-Dichloropropane	6.793	63	36165	5.385	ug/L	100
38) Bromodichloromethane	7.108	83	44175	4.571	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	43908	4.191	ug/L	97
40) 4-Methyl-2-pentanone	7.796	43	199518	40.528	ug/L	99
42) Toluene	7.973	91	143289	4.379	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	40018	4.287	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	26719	4.677	ug/L	98
47) Tetrachloroethene	8.555	164	25556	4.421	ug/L	95
48) 2-Hexanone	8.687	43	161032	43.335	ug/L	100
49) Dibromochloromethane	8.813	129	31116	4.617	ug/L	96
50) 1,2-Dibromoethane	8.925	107	24620	4.252	ug/L #	93
51) Chlorobenzene	9.449	112	89145	4.691	ug/L	98
52) Ethylbenzene	9.575	91	133739	4.299	ug/L	100
53) m,p-Xylene	9.697	106	52881	4.264	ug/L	97
54) o-Xylene	10.105	106	48790	4.059	ug/L	100
55) Styrene	10.118	104	88162	4.484	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	34715	4.518	ug/L	95
59) Bromoform	10.292	173	16176	4.125	ug/L	99
60) Isopropylbenzene	10.488	105	127958	4.313	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	24897	4.614	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	91936	3.775	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	93611	3.736	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	67444	4.548	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	66468	4.454	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	62886	4.384	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	4481	4.001	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	45368	3.880	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	35584	3.641	ug/L	100
71) Naphthalene	14.086	128	64645	3.249	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	37018	4.010	ug/L	98

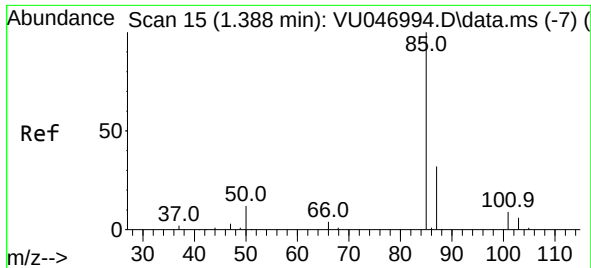
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 Data File : VU047014.D
 Acq On : 02 Feb 2022 20:17
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005185

Quant Time: Feb 03 03:03:24 2022
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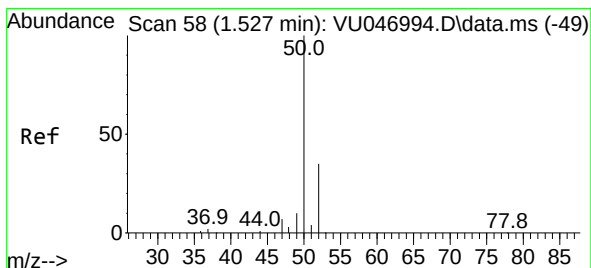
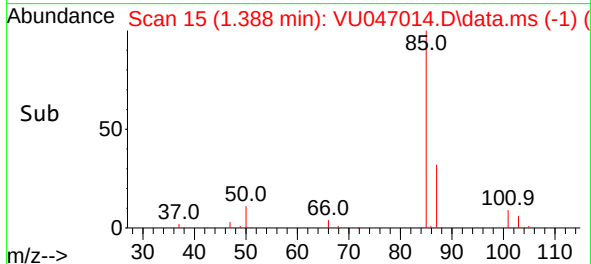
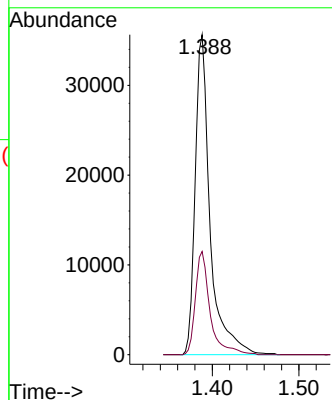
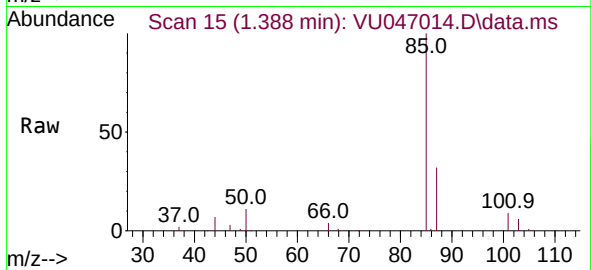




#2
Dichlorodifluoromethane
Concen: 4.501 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047014.D
Acq: 02 Feb 2022 20:17

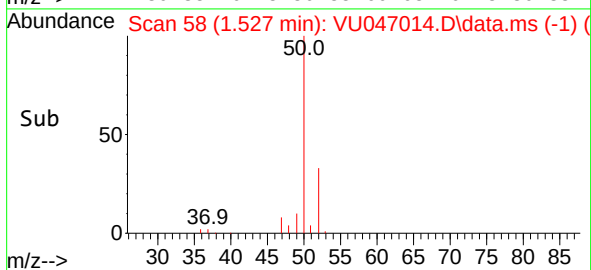
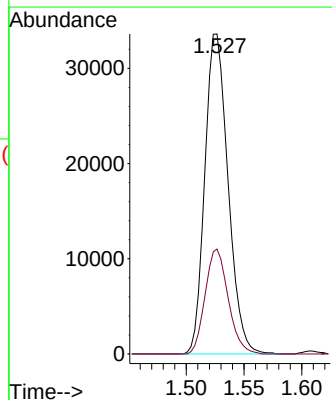
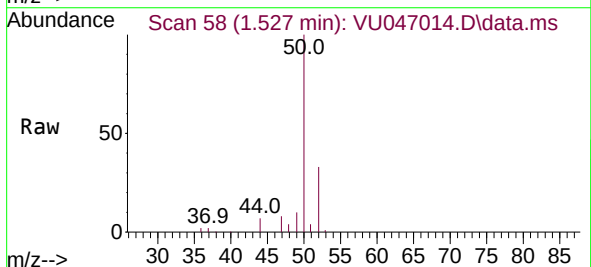
Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

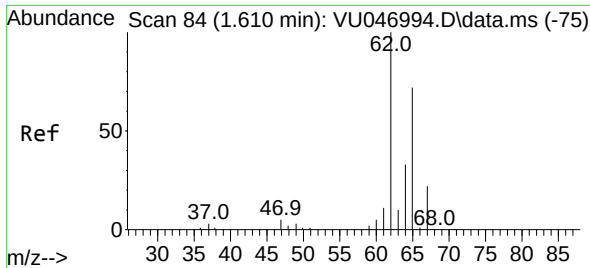
Tgt Ion: 85 Resp: 42552
Ion Ratio Lower Upper
85 100
87 32.0 25.8 38.6



#3
Chloromethane
Concen: 6.042 ug/L
RT: 1.527 min Scan# 58
Delta R.T. -0.000 min
Lab File: VU047014.D
Acq: 02 Feb 2022 20:17

Tgt Ion: 50 Resp: 47032
Ion Ratio Lower Upper
50 100
52 32.8 23.0 42.8

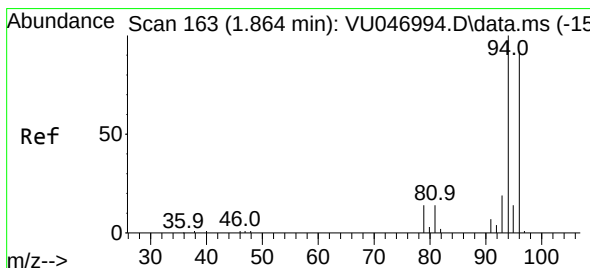
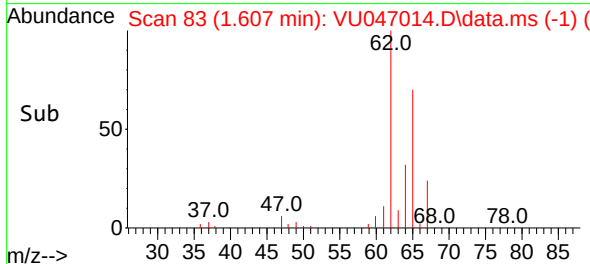
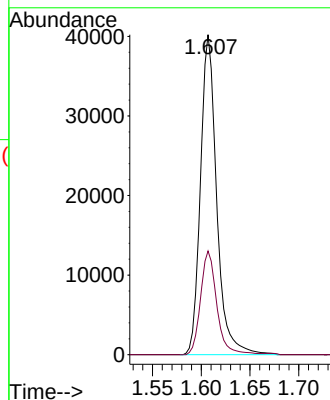
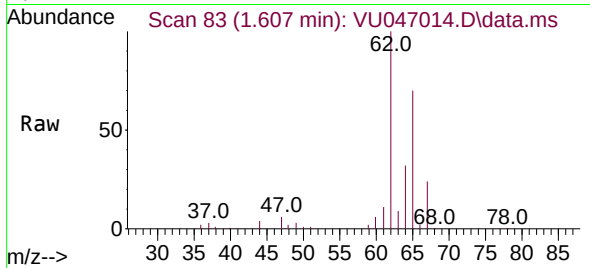




#5
 Vinyl chloride
 Concen: 5.743 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU047014.D
 Acq: 02 Feb 2022 20:17

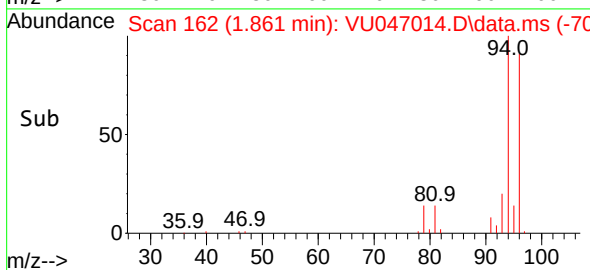
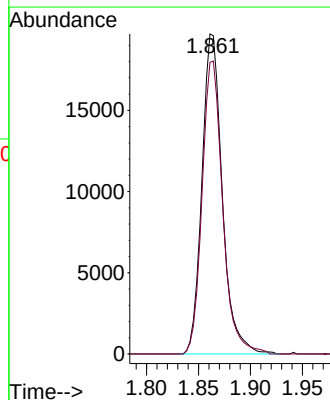
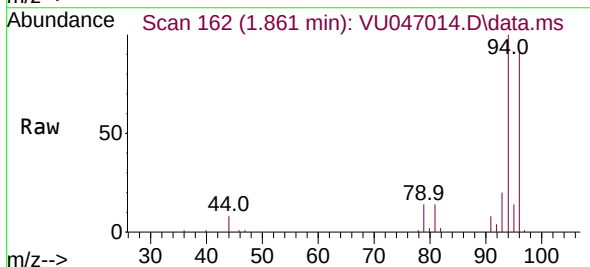
Instrument :
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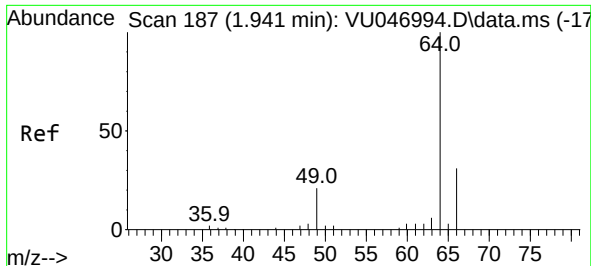
Tgt Ion: 62 Resp: 46546
 Ion Ratio Lower Upper
 62 100
 64 32.4 22.9 42.5



#6
 Bromomethane
 Concen: 5.287 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU047014.D
 Acq: 02 Feb 2022 20:17

Tgt Ion: 94 Resp: 26812
 Ion Ratio Lower Upper
 94 100
 96 91.1 65.5 121.6

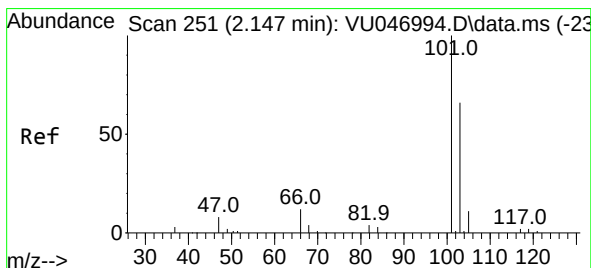
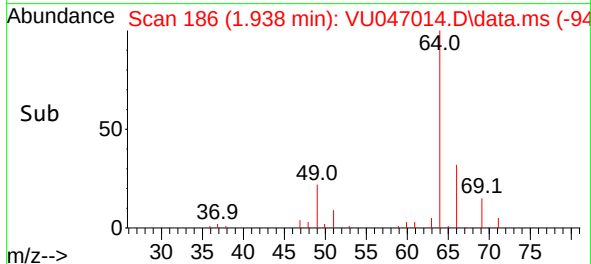
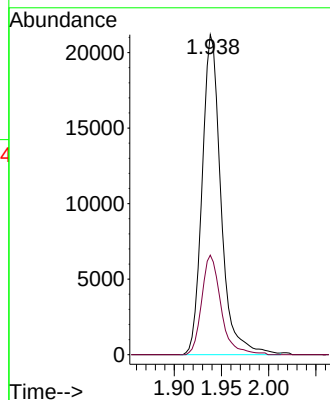
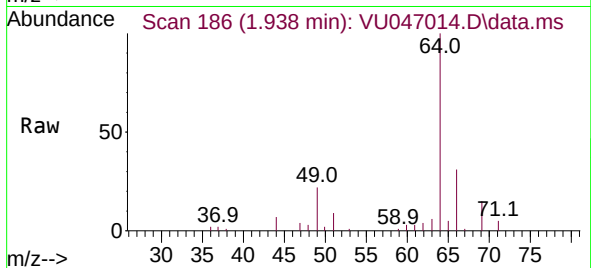




#8
Chloroethane
Concen: 6.297 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047014.D
Acq: 02 Feb 2022 20:17

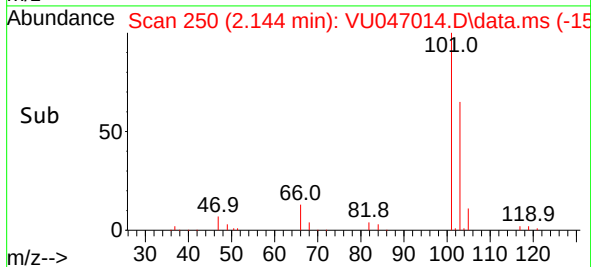
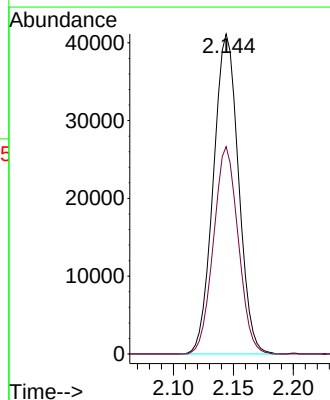
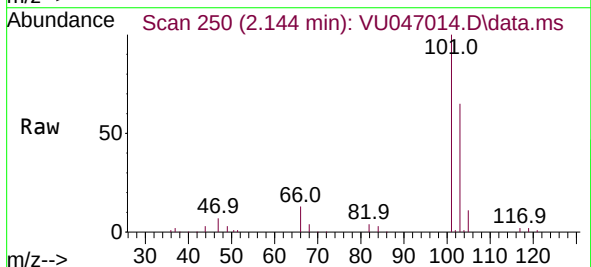
Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

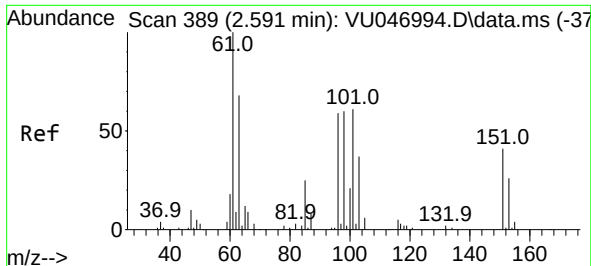
Tgt Ion: 64 Resp: 29375
Ion Ratio Lower Upper
64 100
66 31.1 22.1 41.1



#9
Trichlorofluoromethane
Concen: 6.061 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.003 min
Lab File: VU047014.D
Acq: 02 Feb 2022 20:17

Tgt Ion:101 Resp: 59854
Ion Ratio Lower Upper
101 100
103 63.7 51.5 77.3

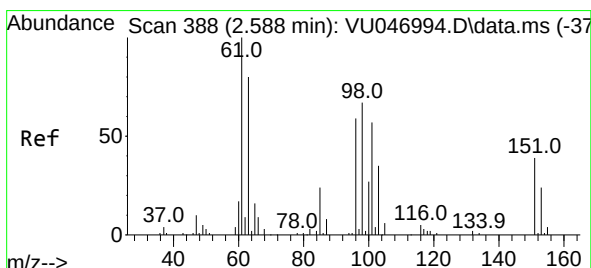
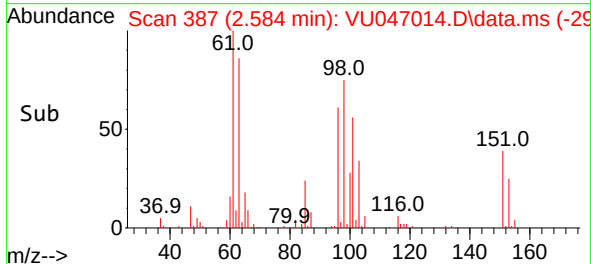
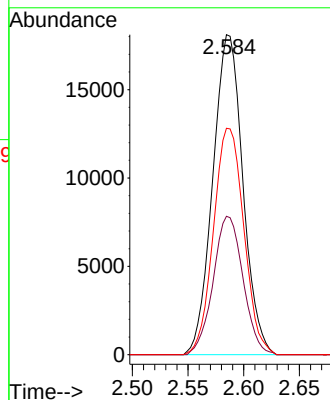
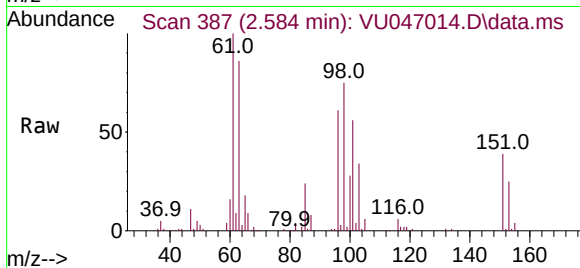




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.796 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.006 min
Lab File: VU047014.D
Acq: 02 Feb 2022 20:17

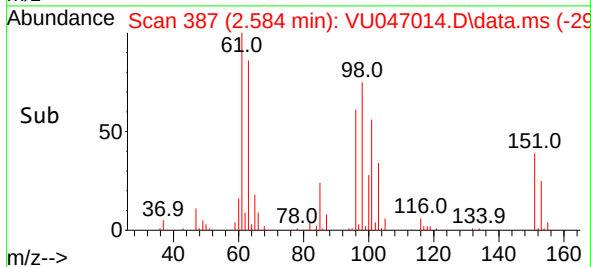
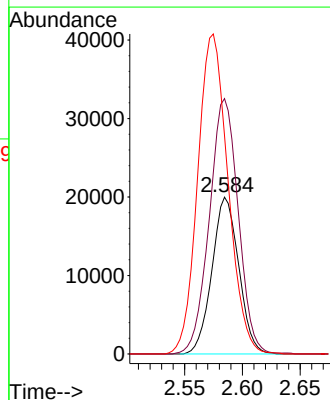
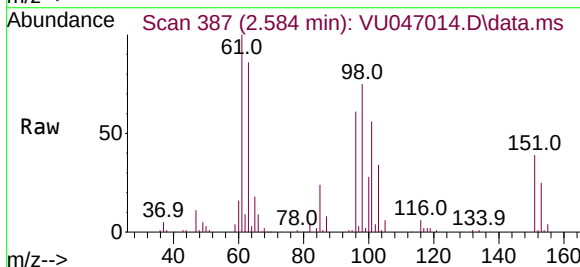
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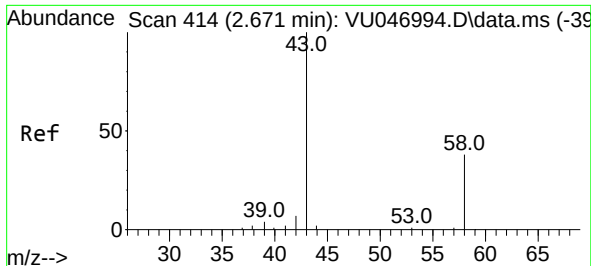
Tgt Ion:101 Resp: 34033
Ion Ratio Lower Upper
101 100
85 42.9 34.6 51.8
151 71.5 56.1 84.1



#12
1,1-Dichloroethene
Concen: 5.732 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU047014.D
Acq: 02 Feb 2022 20:17

Tgt Ion: 96 Resp: 32165
Ion Ratio Lower Upper
96 100
61 162.9 124.7 231.5
63 139.3 105.2 195.4





#13

Acetone

Concen: 38.146 ug/L

RT: 2.655 min Scan# 409

Delta R.T. -0.016 min

Lab File: VU047014.D

Acq: 02 Feb 2022 20:17

Instrument :

MSVOA_U

ClientSampleId :

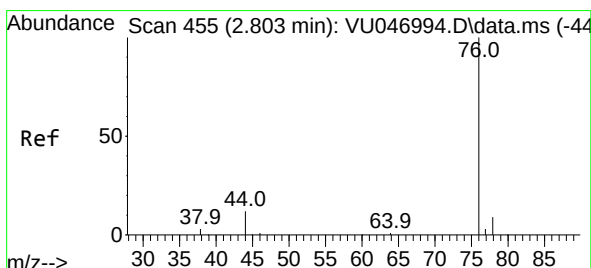
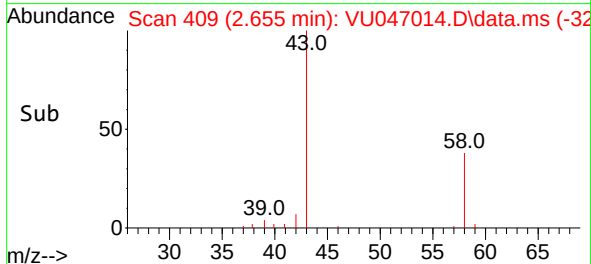
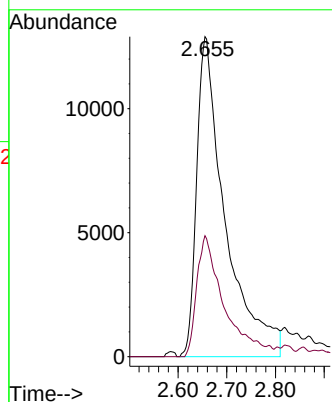
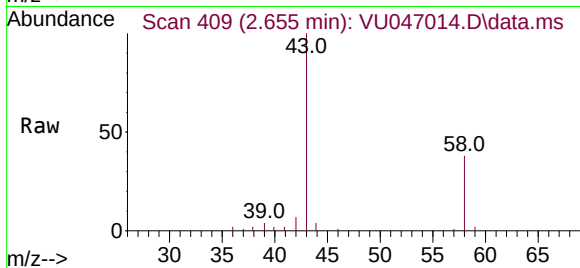
VSTD005185

Tgt Ion: 43 Resp: 52341

Ion Ratio Lower Upper

43 100

58 35.8 0.0 71.6



#14

Carbon disulfide

Concen: 5.225 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.003 min

Lab File: VU047014.D

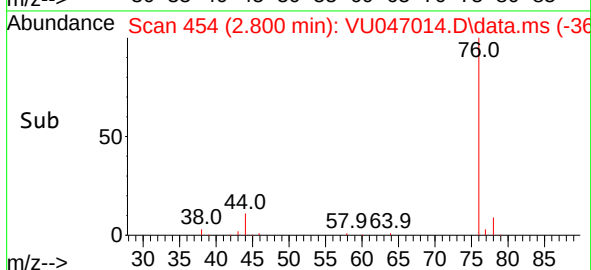
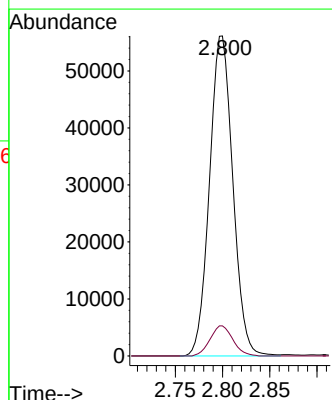
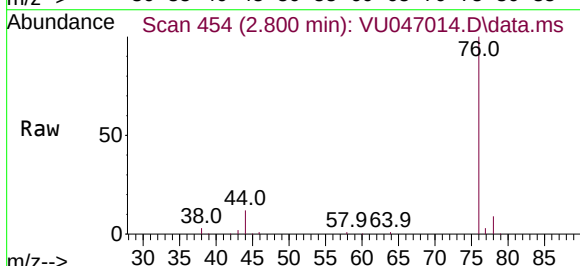
Acq: 02 Feb 2022 20:17

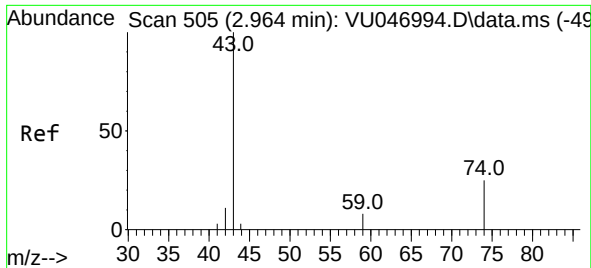
Tgt Ion: 76 Resp: 96303

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

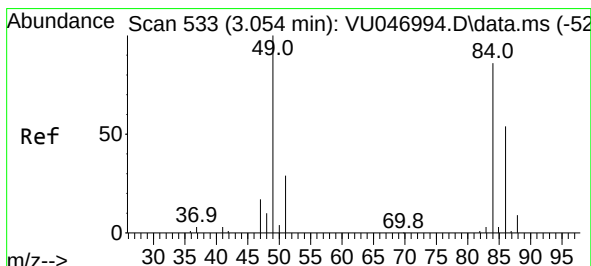
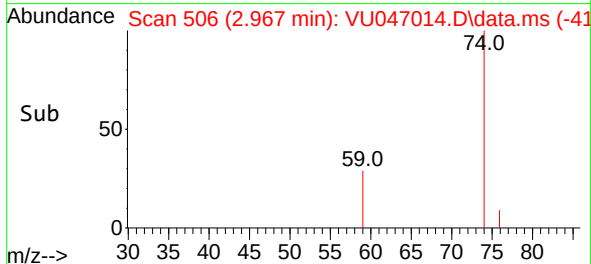
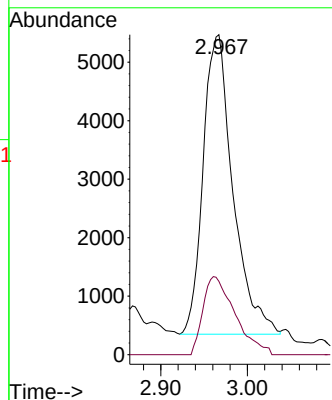
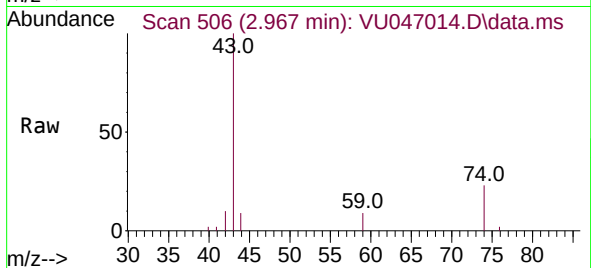




#15
Methyl Acetate
Concen: 4.093 ug/L
RT: 2.967 min Scan# 505
Delta R.T. 0.003 min
Lab File: VU047014.D
Acq: 02 Feb 2022 20:17

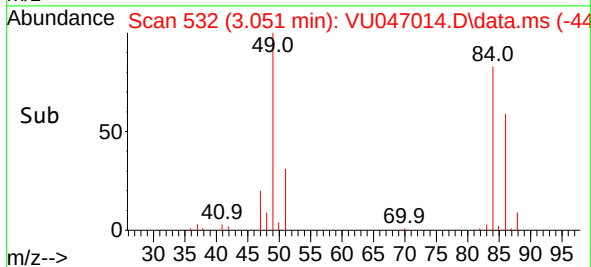
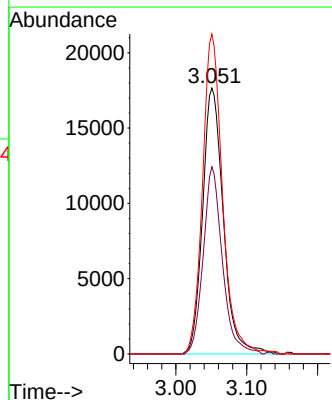
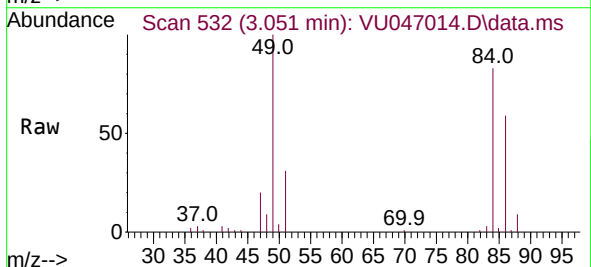
Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

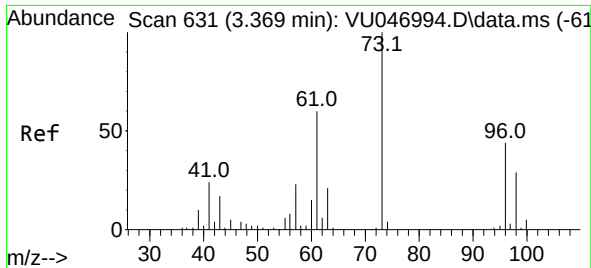
Tgt Ion: 43 Resp: 12266
Ion Ratio Lower Upper
43 100
74 27.9 19.1 28.7



#16
Methylene chloride
Concen: 5.294 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU047014.D
Acq: 02 Feb 2022 20:17

Tgt Ion: 84 Resp: 35879
Ion Ratio Lower Upper
84 100
86 70.4 45.8 85.0
49 120.3 84.5 156.9

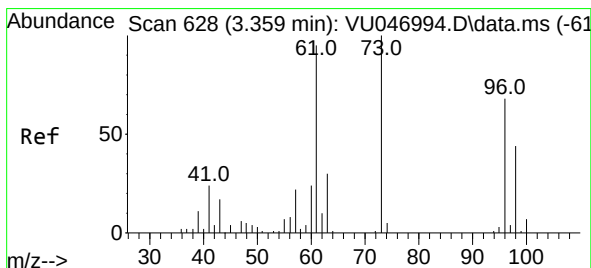
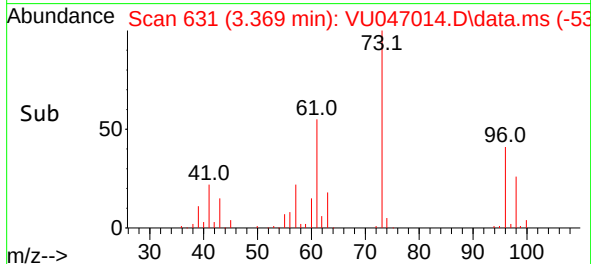
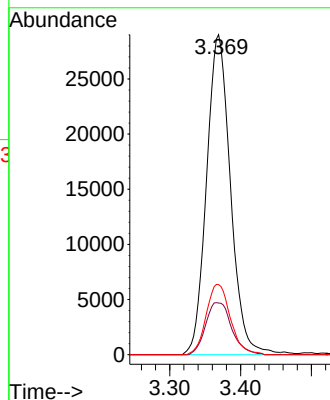
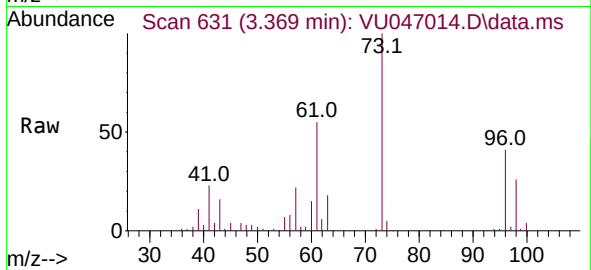




#17
Methyl tert-butyl Ether
Concen: 4.323 ug/L
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047014.D
Acq: 02 Feb 2022 20:17

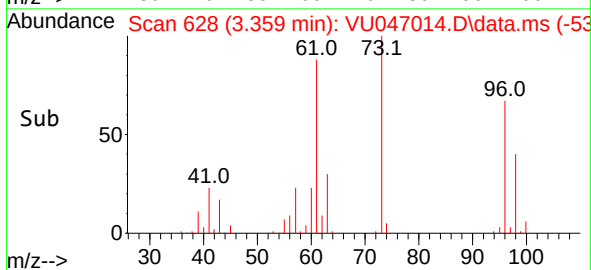
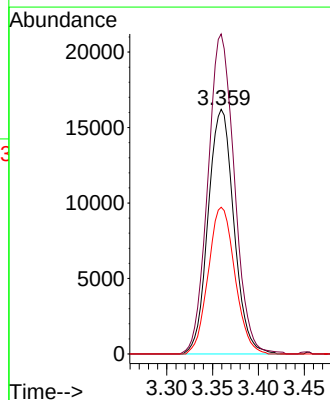
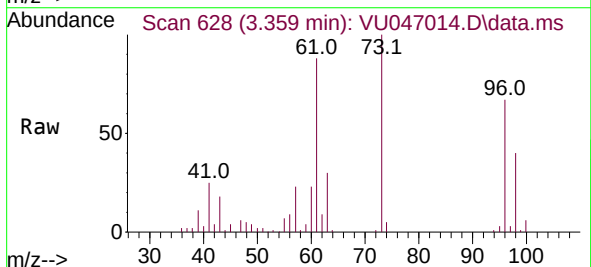
Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

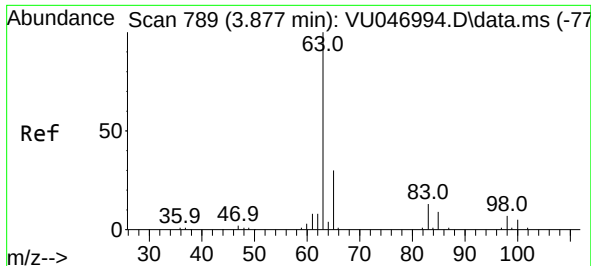
Tgt Ion:	73	Resp:	68061
Ion	Ratio	Lower	Upper
73	100		
43	17.7	14.8	22.2
57	22.2	17.4	26.0



#18
trans-1,2-Dichloroethene
Concen: 5.225 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU047014.D
Acq: 02 Feb 2022 20:17

Tgt Ion:	96	Resp:	31756
Ion	Ratio	Lower	Upper
96	100		
61	130.8	100.8	187.2
98	60.0	45.1	83.7





#19

1,1-Dichloroethane

Concen: 6.031 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU047014.D

Acq: 02 Feb 2022 20:17

Instrument :

MSVOA_U

ClientSampleId :

VSTD005185

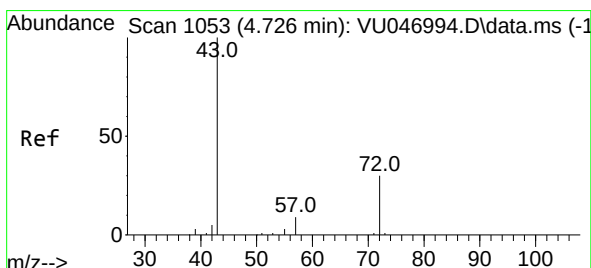
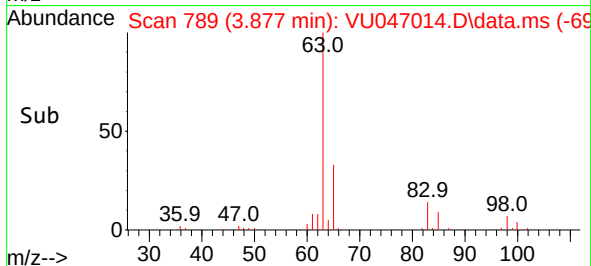
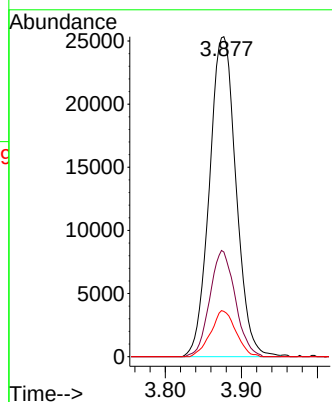
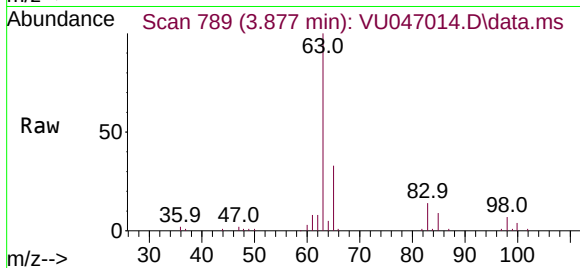
Tgt Ion: 63 Resp: 61535

Ion Ratio Lower Upper

63 100

65 32.7 22.3 41.5

83 14.2 9.6 17.8



#21

2-Butanone

Concen: 37.523 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. -0.003 min

Lab File: VU047014.D

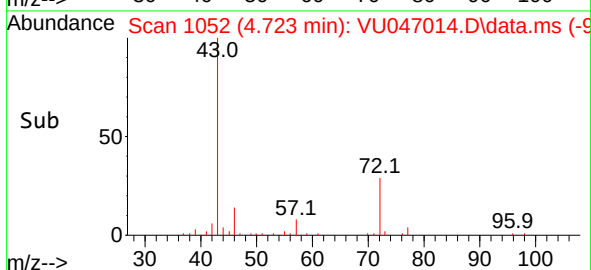
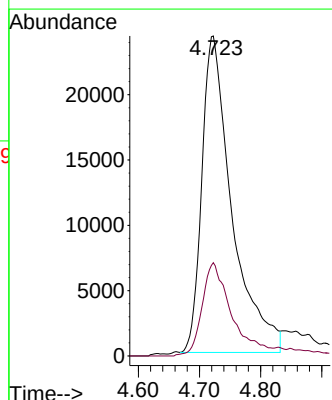
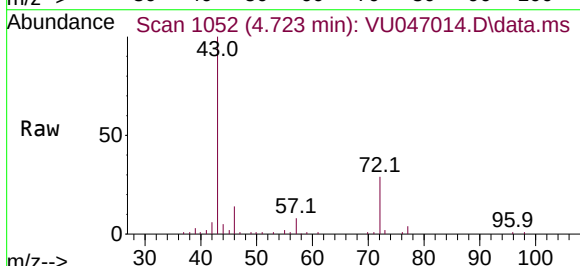
Acq: 02 Feb 2022 20:17

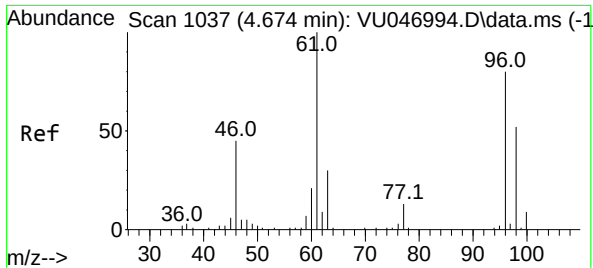
Tgt Ion: 43 Resp: 82802

Ion Ratio Lower Upper

43 100

72 29.0 14.1 42.3

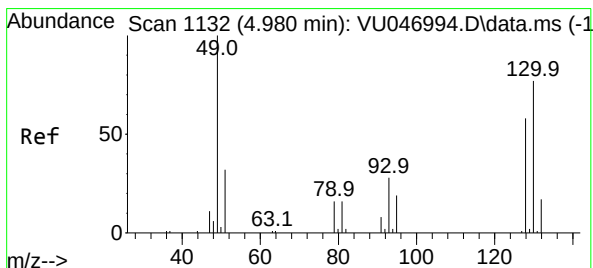
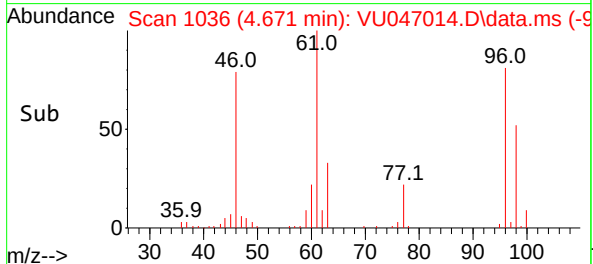
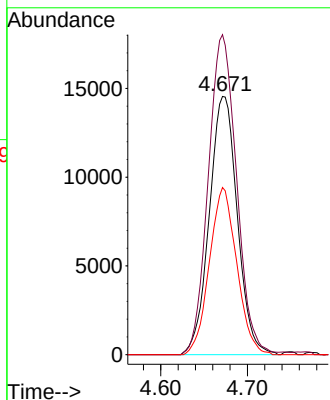
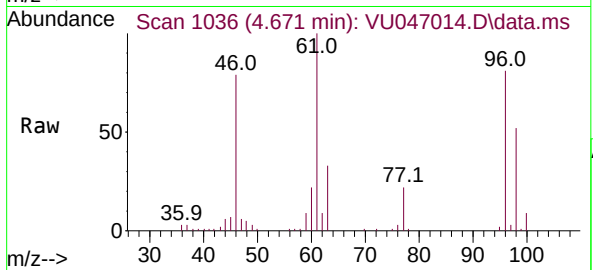




#22
 cis-1,2-Dichloroethene
 Concen: 5.109 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU047014.D
 Acq: 02 Feb 2022 20:17

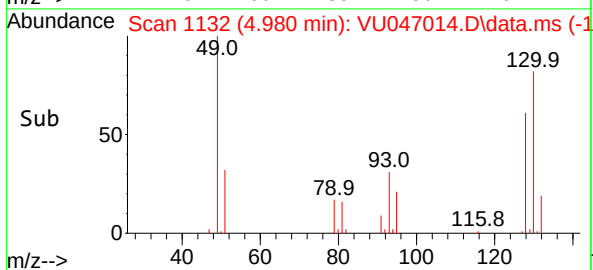
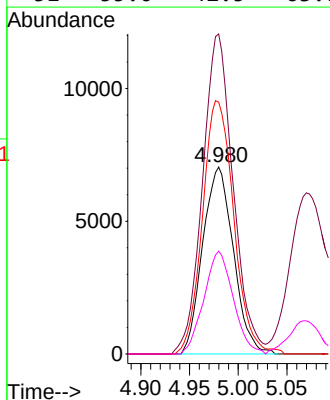
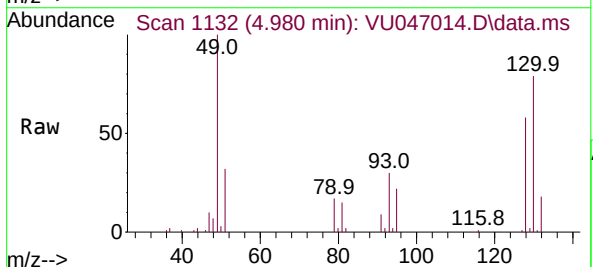
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005185

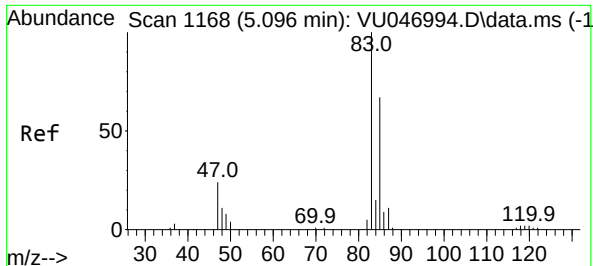
Tgt Ion: 96	Resp:	32756	
Ion	Ratio	Lower	Upper
96	100		
61	123.9	88.5	164.3
98	64.7	44.4	82.5



#23
 Bromochloromethane
 Concen: 4.893 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VU047014.D
 Acq: 02 Feb 2022 20:17

Tgt	Ion:128	Resp:	15434
Ion	Ratio	Lower	Upper
128	100		
49	171.3	117.0	217.2
130	134.8	88.2	163.8
51	55.0	42.5	63.7





#25

Chloroform

Concen: 4.032 ug/L

RT: 5.092 min Scan# 1168

Delta R.T. -0.003 min

Lab File: VU047014.D

Acq: 02 Feb 2022 20:17

Instrument :

MSVOA_U

ClientSampleId :

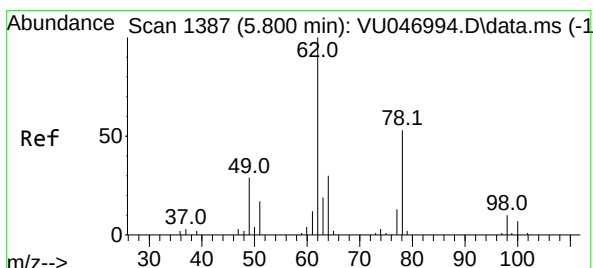
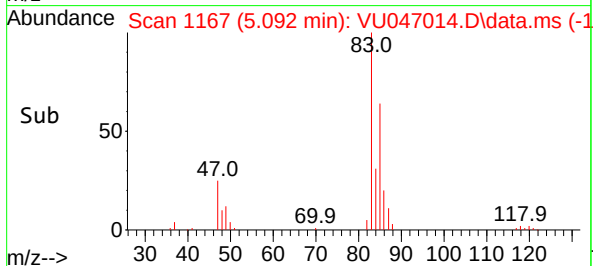
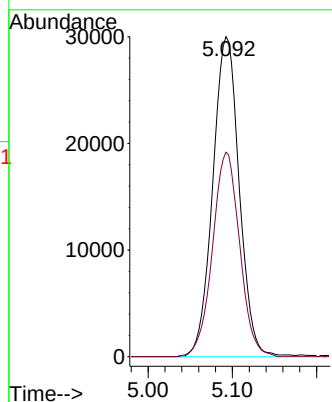
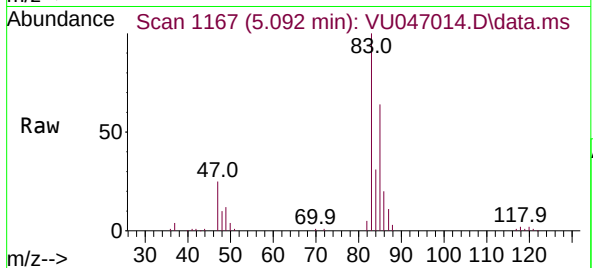
VSTD005185

Tgt Ion: 83 Resp: 65306

Ion Ratio Lower Upper

83 100

85 63.9 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.621 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU047014.D

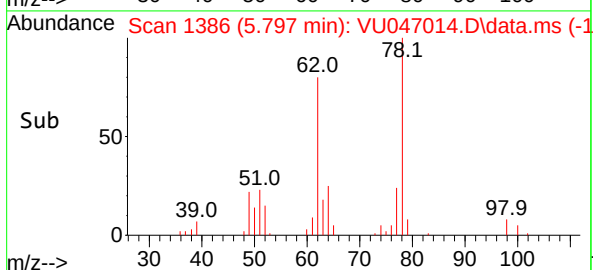
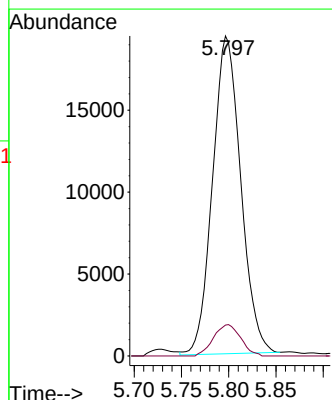
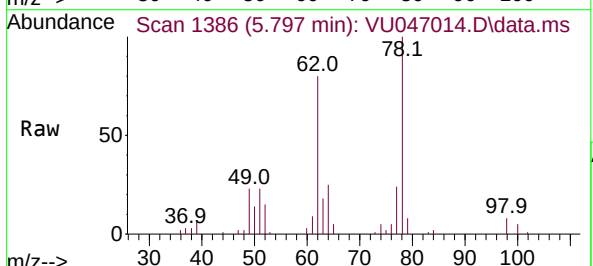
Acq: 02 Feb 2022 20:17

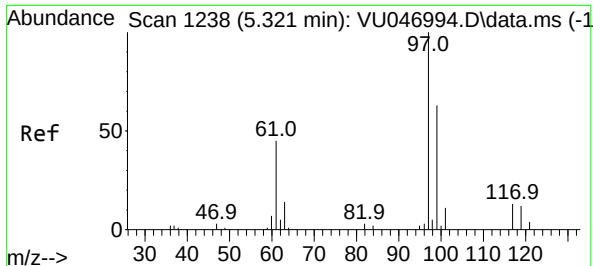
Tgt Ion: 62 Resp: 40183

Ion Ratio Lower Upper

62 100

98 9.6 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.036 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047014.D

Acq: 02 Feb 2022 20:17

Instrument :

MSVOA_U

ClientSampleId :

VSTD005185

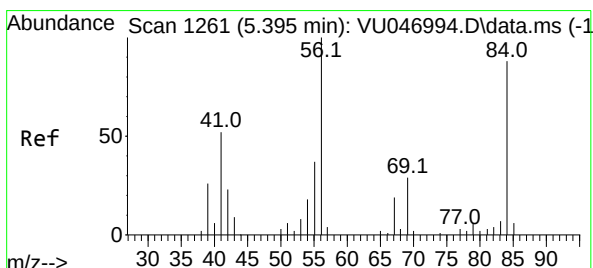
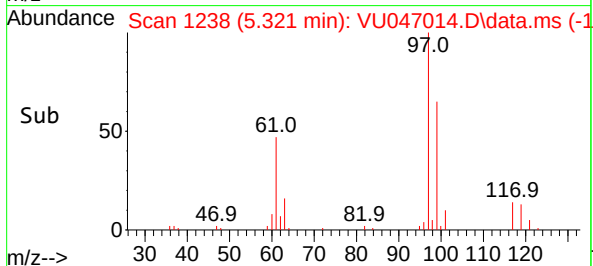
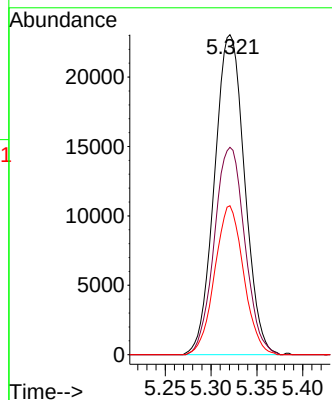
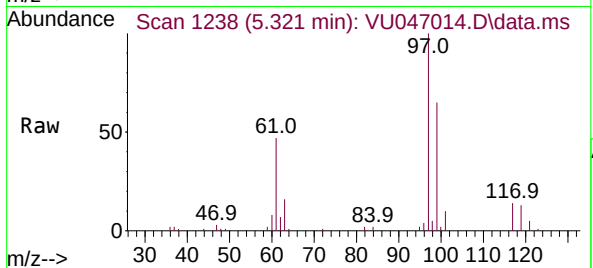
Tgt Ion: 97 Resp: 52732

Ion Ratio Lower Upper

97 100

99 65.7 51.3 76.9

61 44.7 36.1 54.1



#30

Cyclohexane

Concen: 4.096 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU047014.D

Acq: 02 Feb 2022 20:17

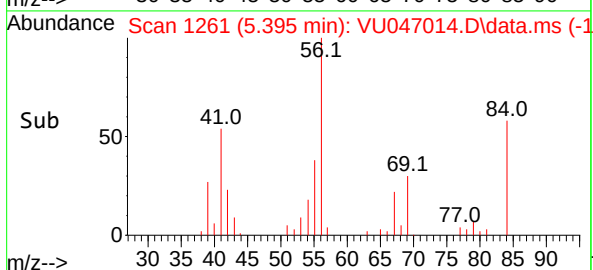
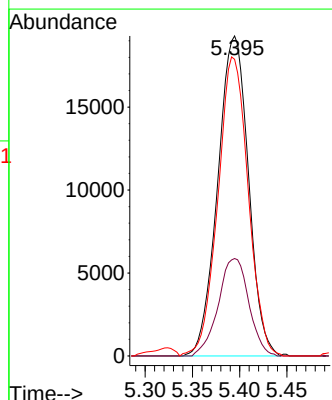
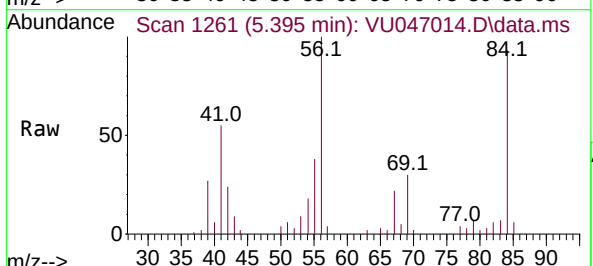
Tgt Ion: 56 Resp: 43510

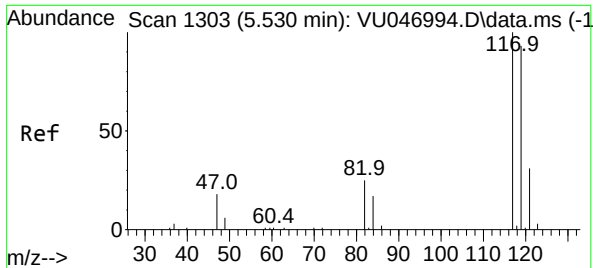
Ion Ratio Lower Upper

56 100

69 30.3 24.7 37.1

84 92.0 71.8 107.6

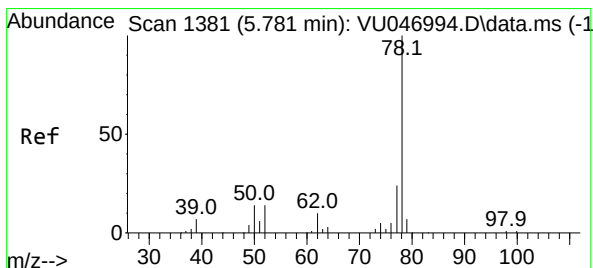
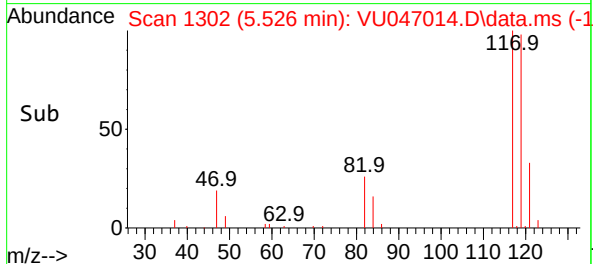
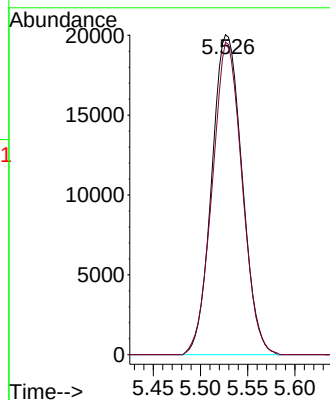
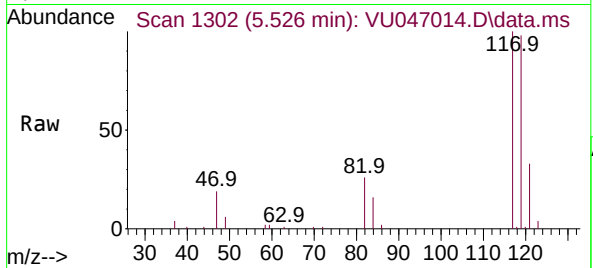




#31
Carbon tetrachloride
Concen: 4.976 ug/L
RT: 5.526 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047014.D
Acq: 02 Feb 2022 20:17

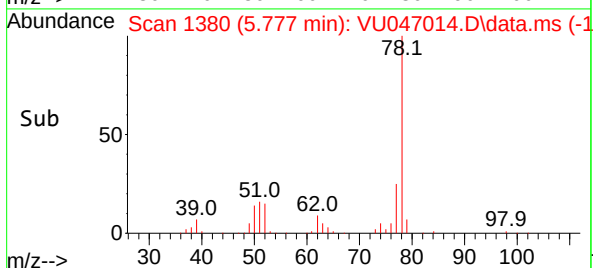
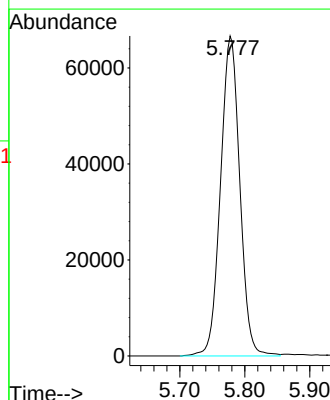
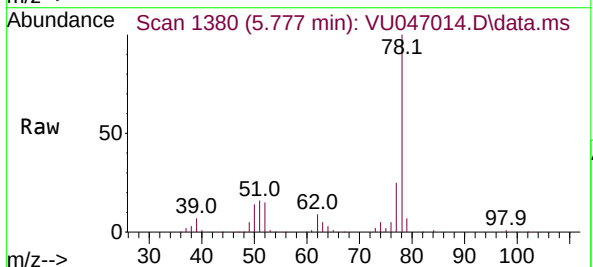
Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

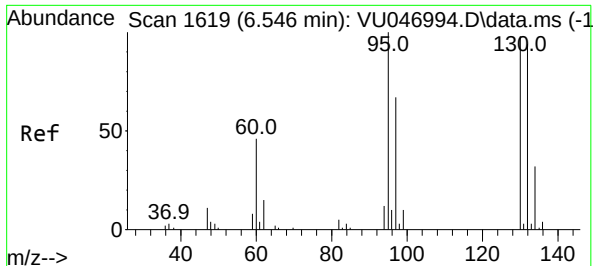
Tgt Ion:117 Resp: 44710
Ion Ratio Lower Upper
117 100
119 96.0 77.5 116.3



#33
Benzene
Concen: 5.012 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU047014.D
Acq: 02 Feb 2022 20:17

Tgt Ion: 78 Resp: 137209



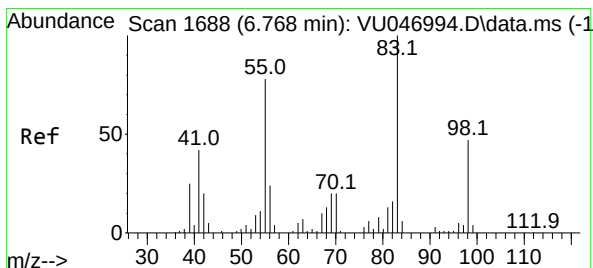
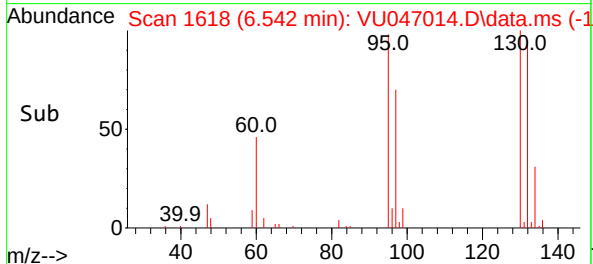
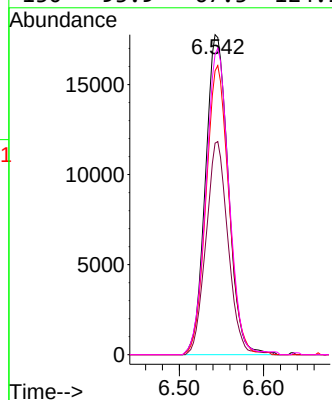
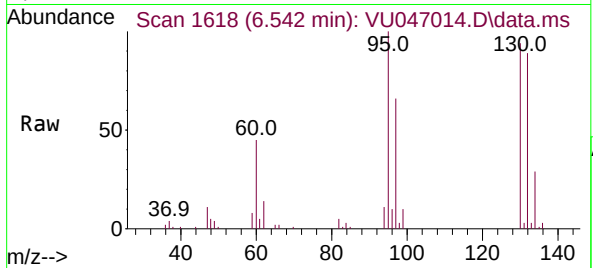


#34
Trichloroethene
Concen: 4.711 ug/L
RT: 6.542 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU047014.D
Acq: 02 Feb 2022 20:17

Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

Tgt Ion: 95 Resp: 33480

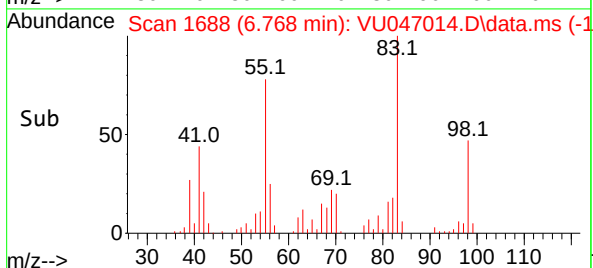
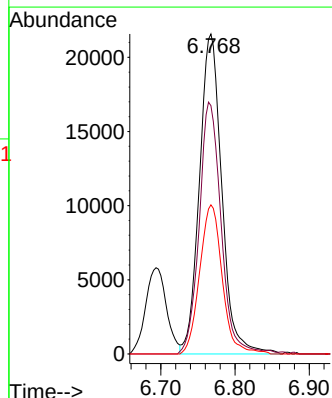
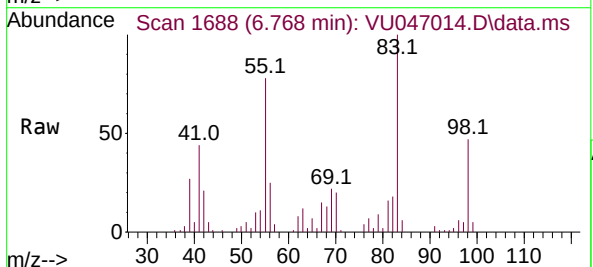
Ion	Ratio	Lower	Upper
95	100		
97	66.1	46.5	86.5
132	88.7	65.1	120.9
130	93.9	67.3	124.9

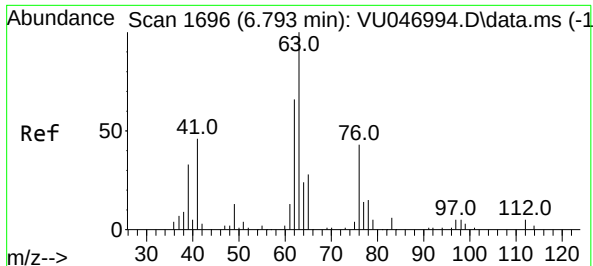


#35
Methylcyclohexane
Concen: 3.797 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU047014.D
Acq: 02 Feb 2022 20:17

Tgt Ion: 83 Resp: 45203

Ion	Ratio	Lower	Upper
83	100		
55	76.5	61.9	92.9
98	47.0	39.0	58.6





#37

1,2-Dichloropropane

Concen: 5.385 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047014.D

Acq: 02 Feb 2022 20:17

Instrument :

MSVOA_U

ClientSampleId :

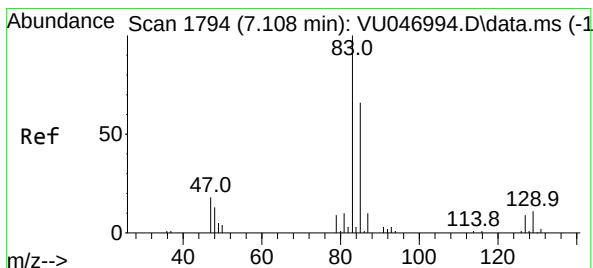
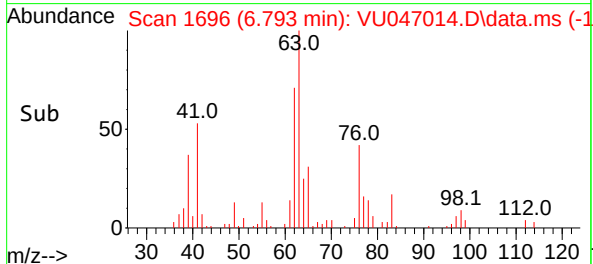
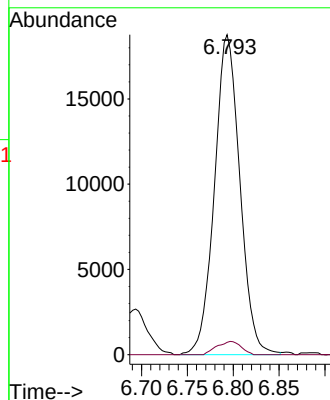
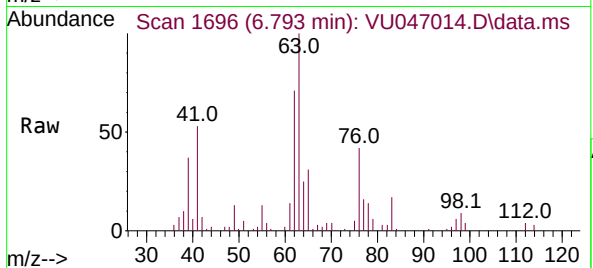
VSTD005185

Tgt Ion: 63 Resp: 36165

Ion Ratio Lower Upper

63 100

112 3.9 3.2 4.8



#38

Bromodichloromethane

Concen: 4.571 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU047014.D

Acq: 02 Feb 2022 20:17

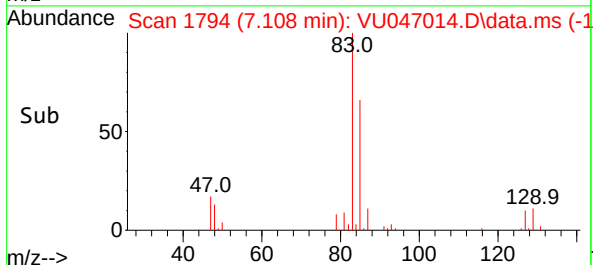
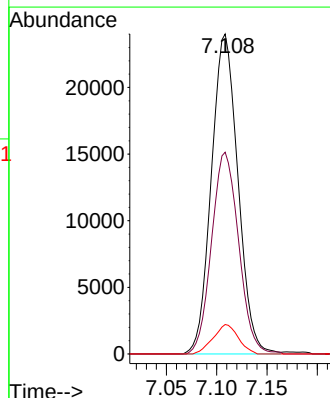
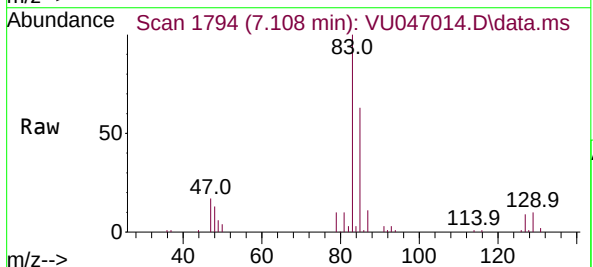
Tgt Ion: 83 Resp: 44175

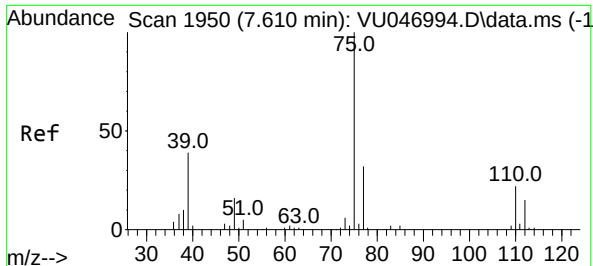
Ion Ratio Lower Upper

83 100

85 63.0 44.0 81.8

127 9.2 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.191 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047014.D

Acq: 02 Feb 2022 20:17

Instrument :

MSVOA_U

ClientSampleId :

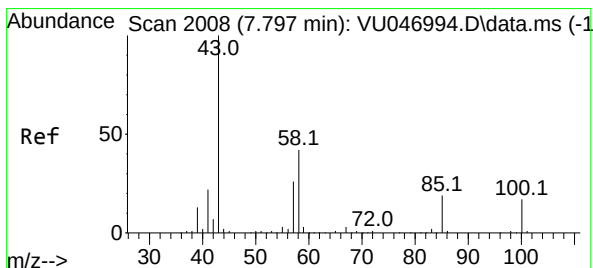
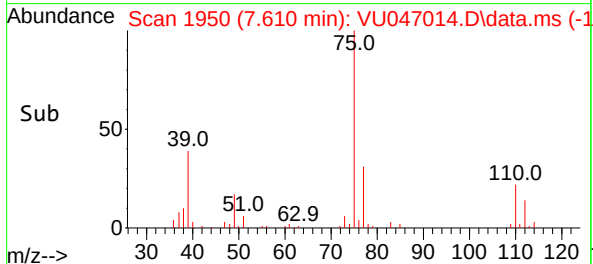
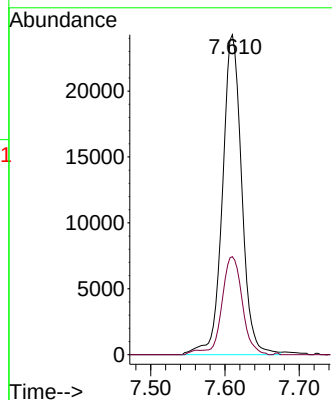
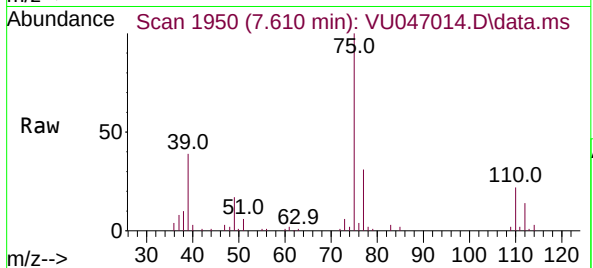
VSTD005185

Tgt Ion: 75 Resp: 43908

Ion Ratio Lower Upper

75 100

77 30.6 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 40.528 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU047014.D

Acq: 02 Feb 2022 20:17

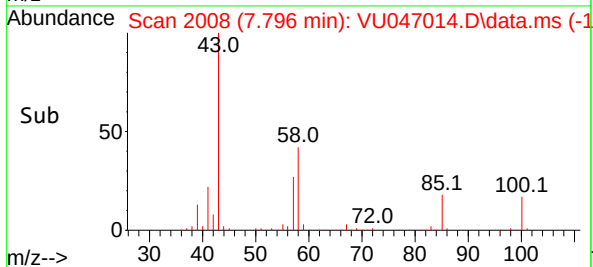
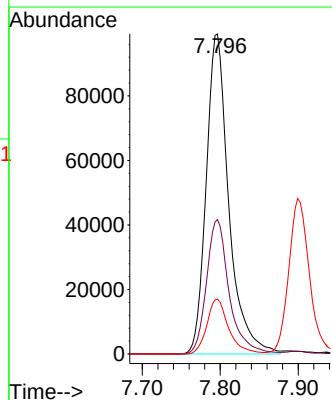
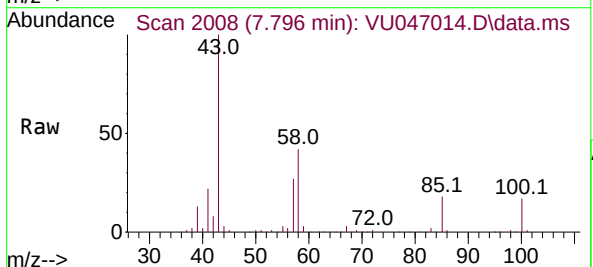
Tgt Ion: 43 Resp: 199518

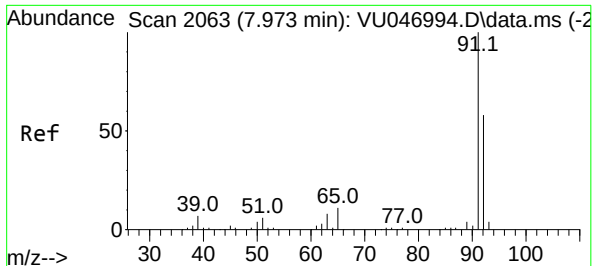
Ion Ratio Lower Upper

43 100

58 42.1 33.1 49.7

100 16.6 13.2 19.8

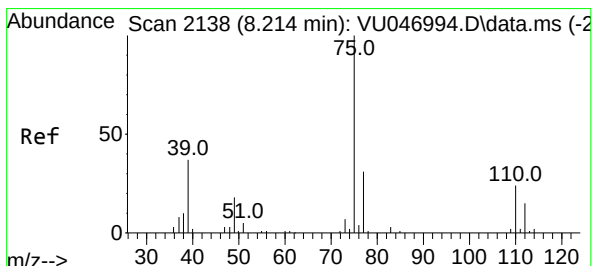
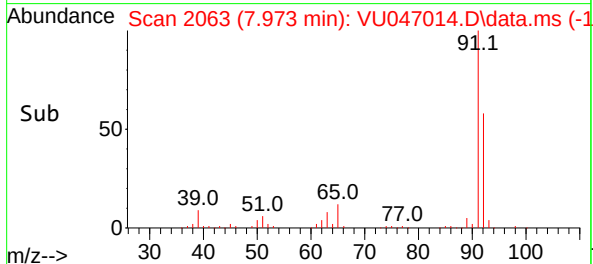
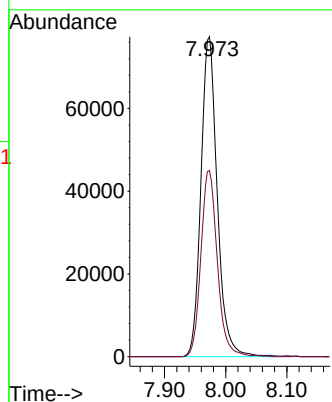
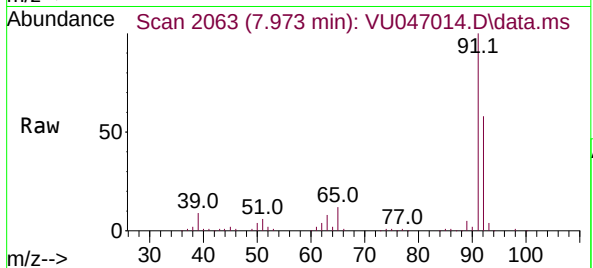




#42
Toluene
Concen: 4.379 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU047014.D
Acq: 02 Feb 2022 20:17

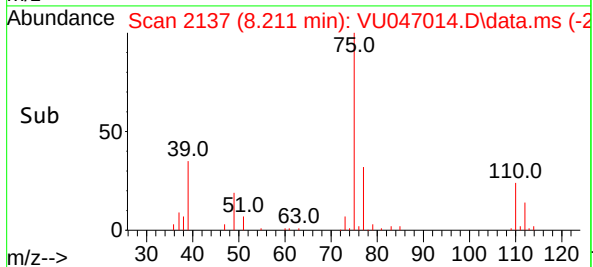
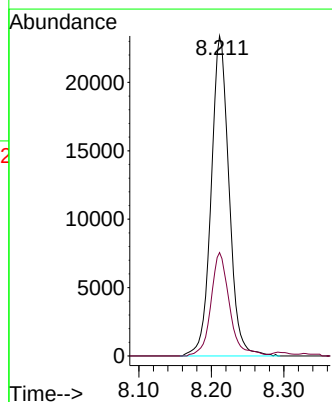
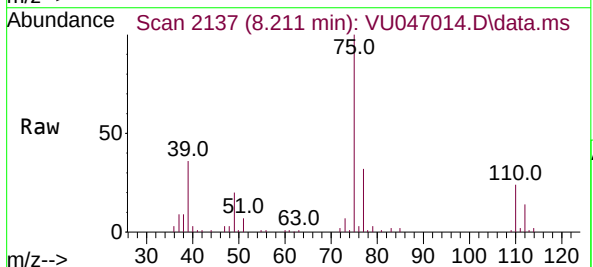
Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

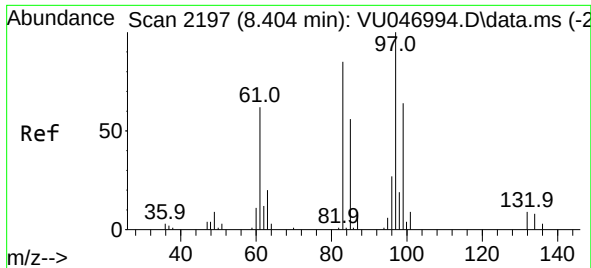
Tgt Ion: 91 Resp: 143289
Ion Ratio Lower Upper
91 100
92 58.2 41.3 76.7



#44
trans-1,3-Dichloropropene
Concen: 4.287 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. -0.003 min
Lab File: VU047014.D
Acq: 02 Feb 2022 20:17

Tgt Ion: 75 Resp: 40018
Ion Ratio Lower Upper
75 100
77 32.3 22.7 42.3

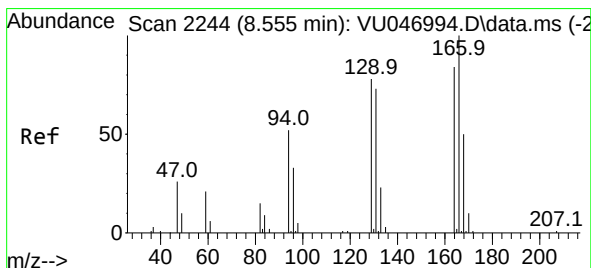
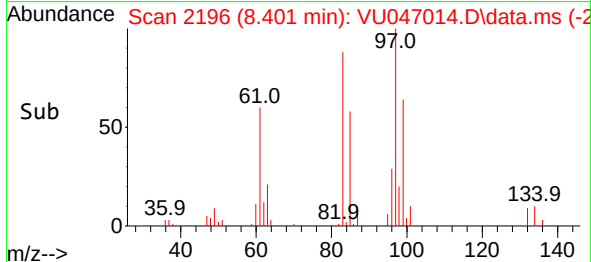
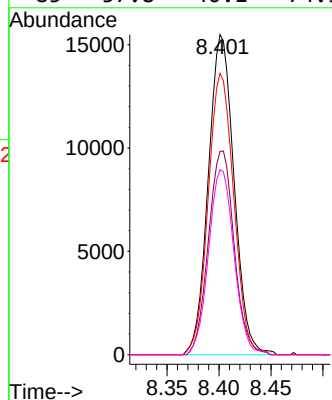
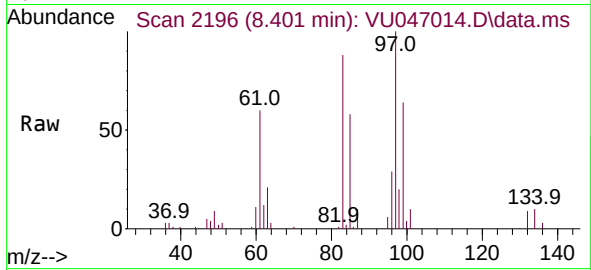




#45
1,1,2-Trichloroethane
Concen: 4.677 ug/L
RT: 8.401 min Scan# 2197
Delta R.T. -0.003 min
Lab File: VU047014.D
Acq: 02 Feb 2022 20:17

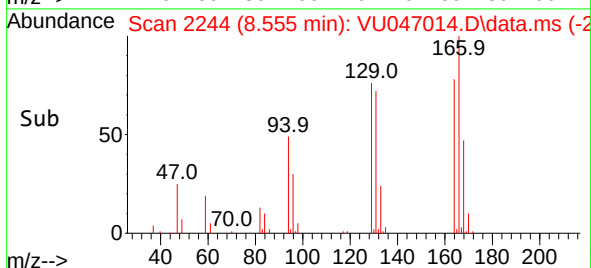
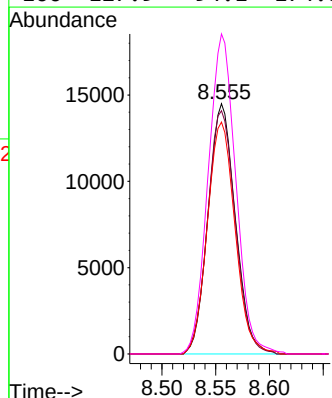
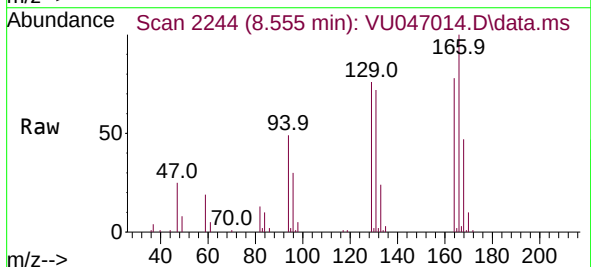
Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

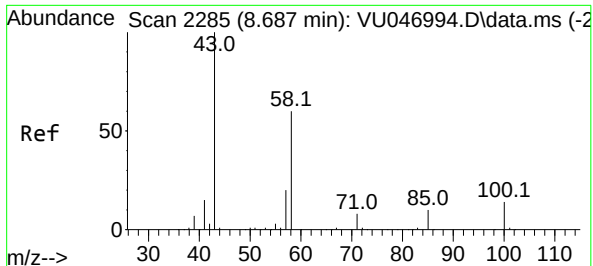
Tgt Ion: 97	Resp: 26719
Ion Ratio	Lower Upper
97 100	
99 63.5	42.3 78.5
83 87.9	62.0 115.2
85 57.8	40.1 74.5



#47
Tetrachloroethene
Concen: 4.421 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047014.D
Acq: 02 Feb 2022 20:17

Tgt	Ion:164	Resp:	25556
Ion	Ratio	Lower	Upper
164	100		
129	97.2	71.8	133.4
131	92.7	68.5	127.3
166	127.9	94.1	174.8



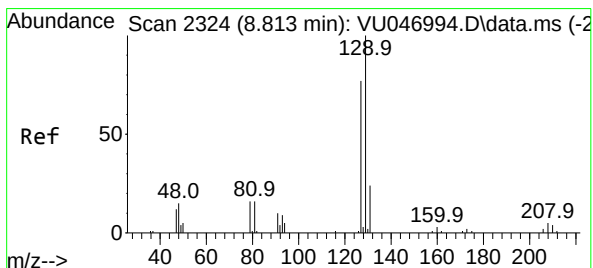
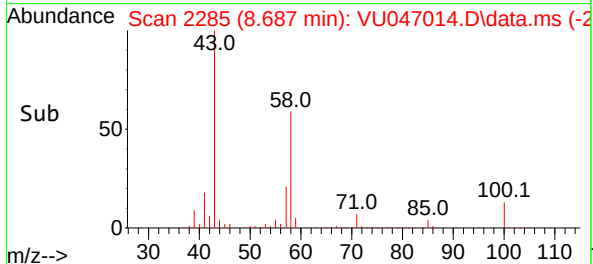
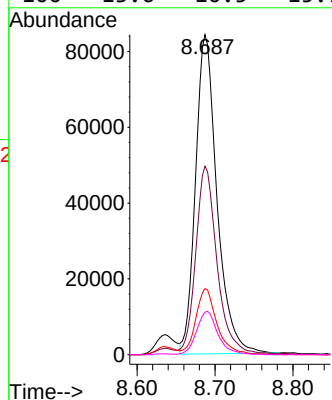
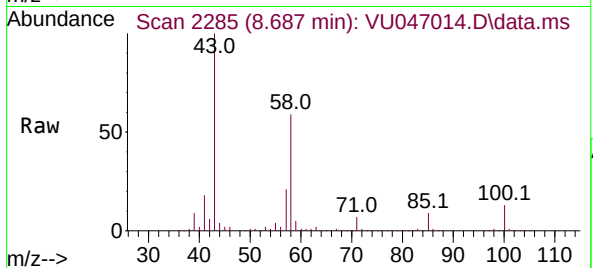


#48
2-Hexanone
Concen: 43.335 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047014.D
Acq: 02 Feb 2022 20:17

Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

Tgt Ion: 43 Resp: 161032

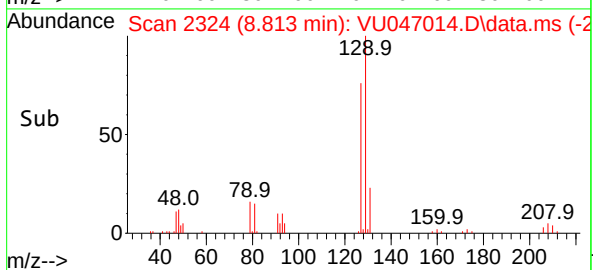
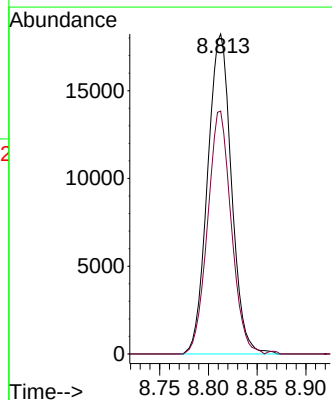
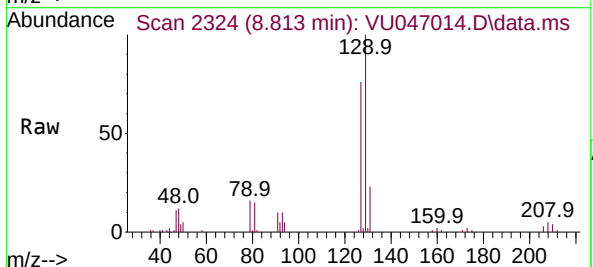
Ion	Ratio	Lower	Upper
43	100		
58	58.3	46.7	70.1
57	20.6	16.3	24.5
100	13.6	10.5	15.7

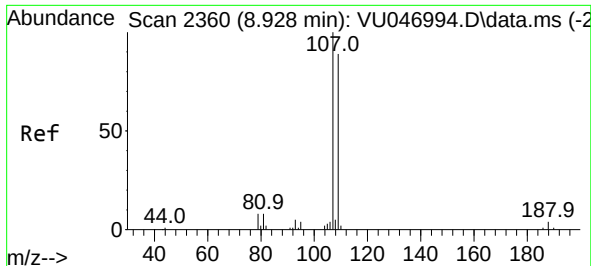


#49
Dibromochloromethane
Concen: 4.617 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047014.D
Acq: 02 Feb 2022 20:17

Tgt Ion: 129 Resp: 31116

Ion	Ratio	Lower	Upper
129	100		
127	75.9	55.4	102.8





#50

1,2-Dibromoethane

Concen: 4.252 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU047014.D

Acq: 02 Feb 2022 20:17

Instrument :

MSVOA_U

ClientSampleId :

VSTD005185

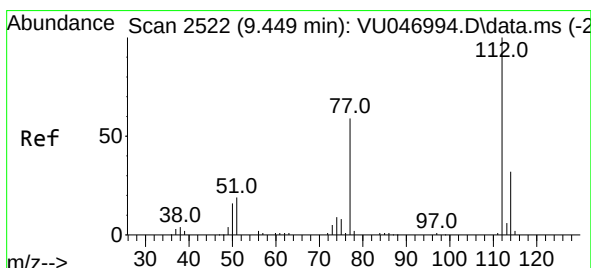
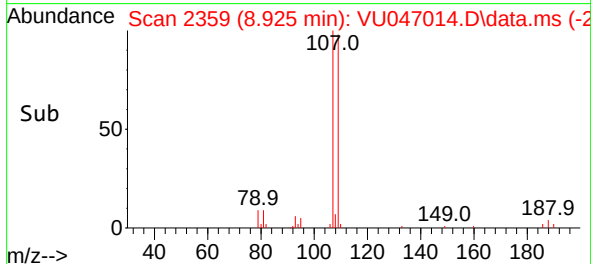
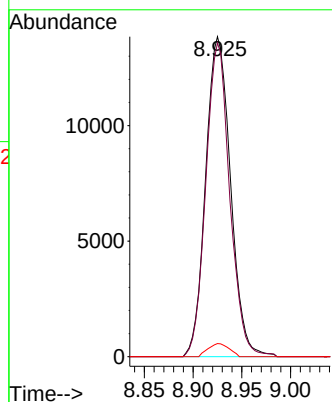
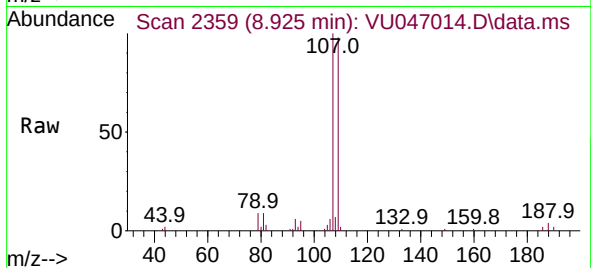
Tgt Ion:107 Resp: 24620

Ion Ratio Lower Upper

107 100

109 98.1 64.0 119.0

188 4.1 2.4 3.6#



#51

Chlorobenzene

Concen: 4.691 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU047014.D

Acq: 02 Feb 2022 20:17

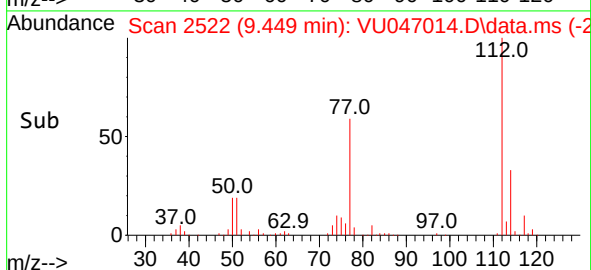
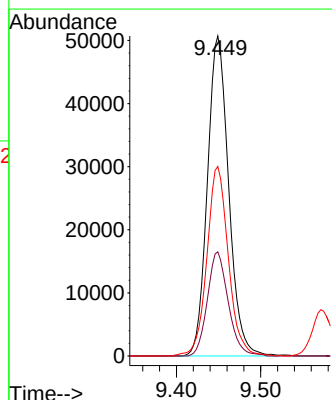
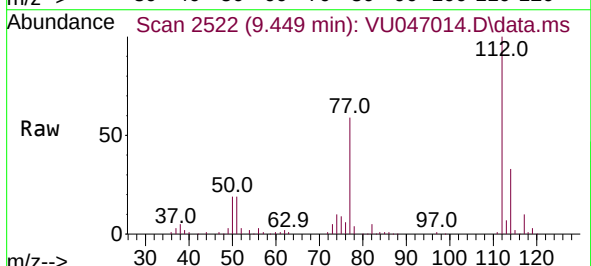
Tgt Ion:112 Resp: 89145

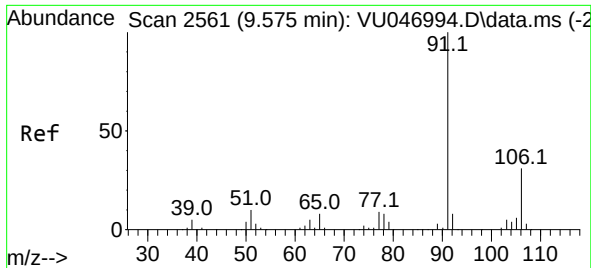
Ion Ratio Lower Upper

112 100

114 32.5 22.1 41.1

77 59.2 48.3 72.5

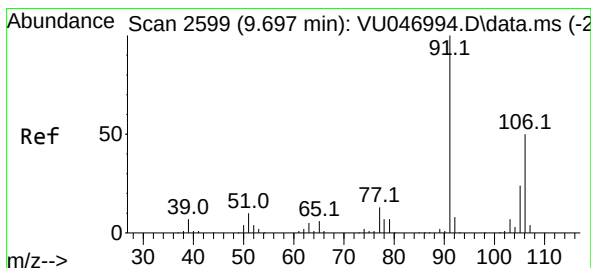
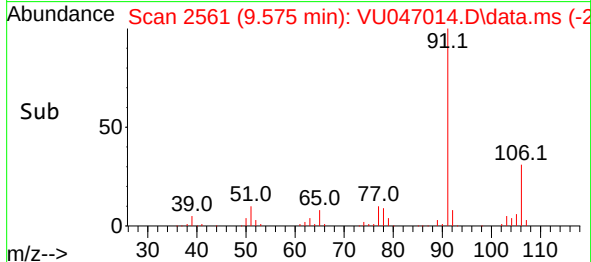
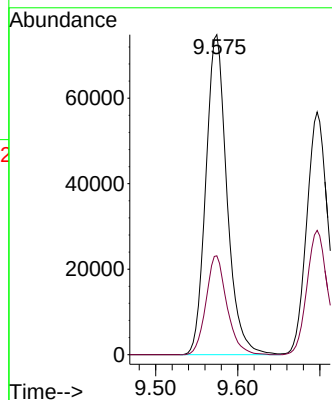
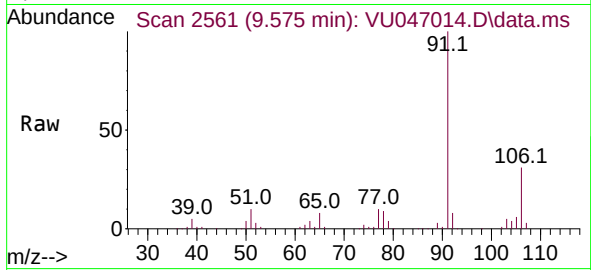




#52
Ethylbenzene
Concen: 4.299 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU047014.D
Acq: 02 Feb 2022 20:17

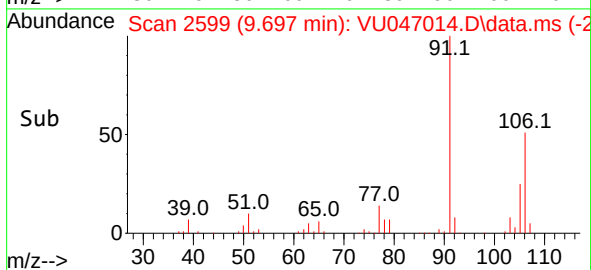
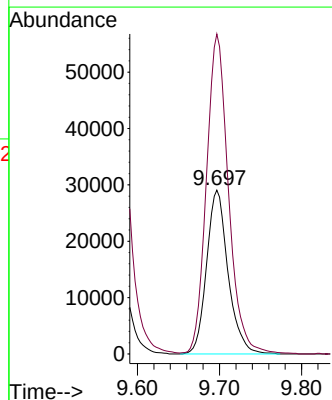
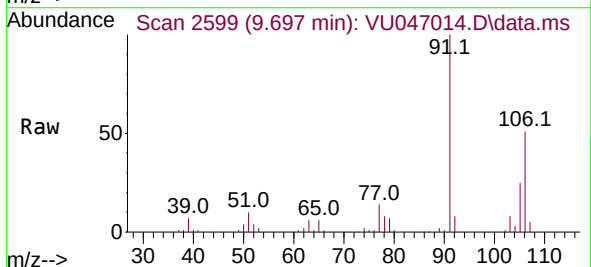
Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

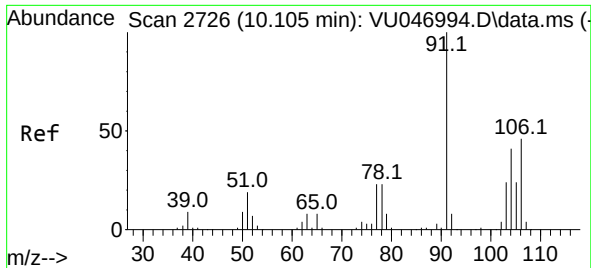
Tgt Ion: 91 Resp: 133739
Ion Ratio Lower Upper
91 100
106 30.9 21.5 39.9



#53
m,p-Xylene
Concen: 4.264 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU047014.D
Acq: 02 Feb 2022 20:17

Tgt Ion: 106 Resp: 52881
Ion Ratio Lower Upper
106 100
91 195.2 139.4 259.0

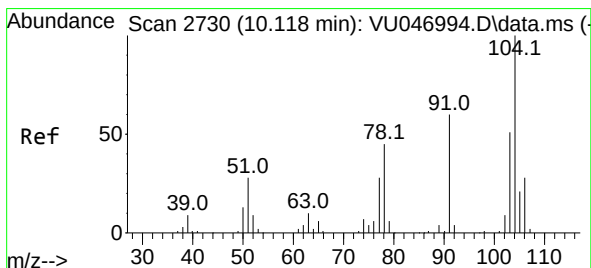
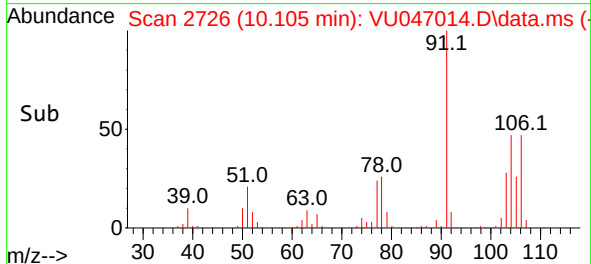
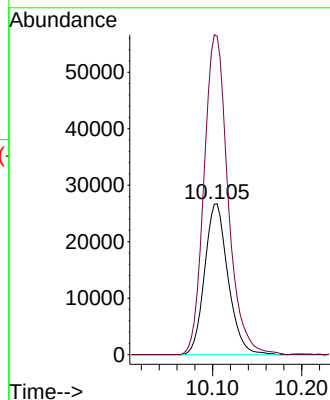
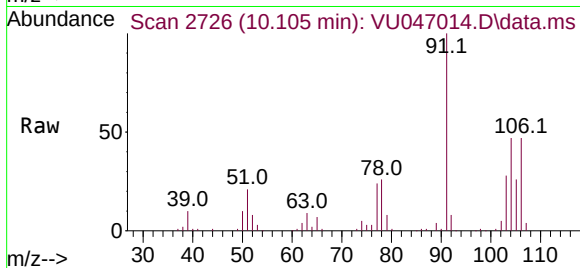




#54
o-Xylene
Concen: 4.059 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU047014.D
Acq: 02 Feb 2022 20:17

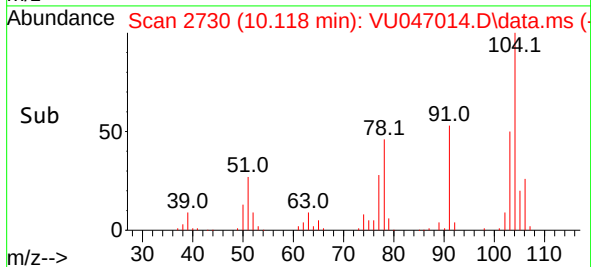
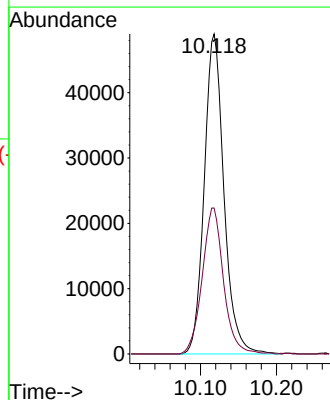
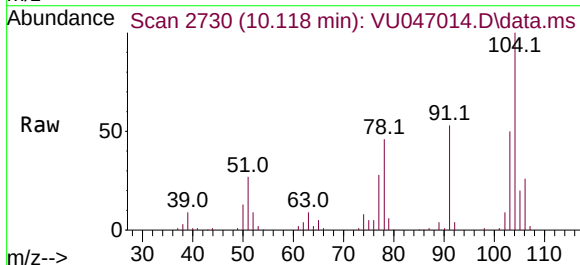
Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

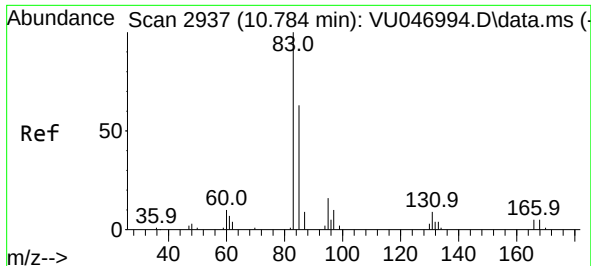
Tgt Ion:106 Resp: 48790
Ion Ratio Lower Upper
106 100
91 211.0 147.5 273.9



#55
Styrene
Concen: 4.484 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU047014.D
Acq: 02 Feb 2022 20:17

Tgt Ion:104 Resp: 88162
Ion Ratio Lower Upper
104 100
78 45.6 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 4.518 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU047014.D

Acq: 02 Feb 2022 20:17

Instrument :

MSVOA_U

ClientSampleId :

VSTD005185

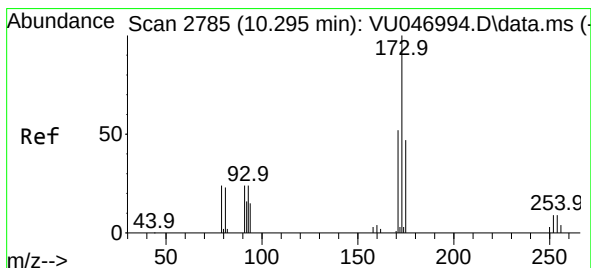
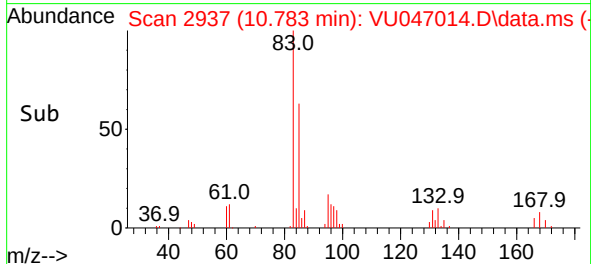
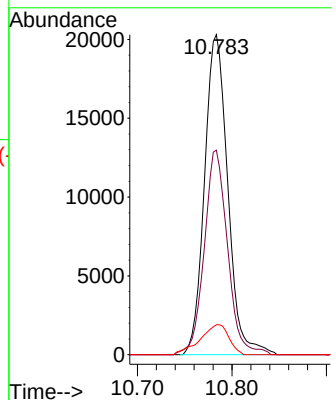
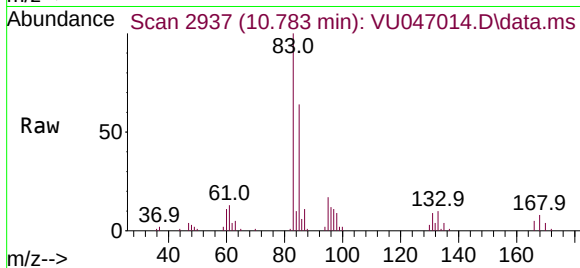
Tgt Ion: 83 Resp: 34715

Ion Ratio Lower Upper

83 100

85 63.9 47.9 89.1

131 9.3 8.1 12.1



#59

Bromoform

Concen: 4.125 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. -0.003 min

Lab File: VU047014.D

Acq: 02 Feb 2022 20:17

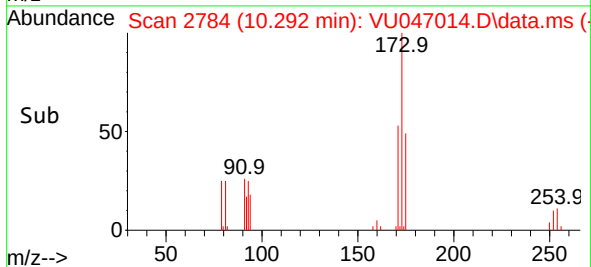
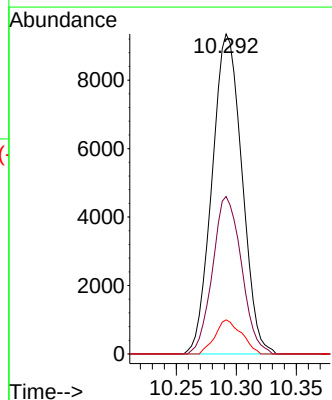
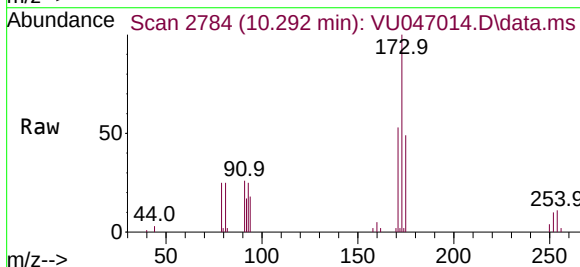
Tgt Ion: 173 Resp: 16176

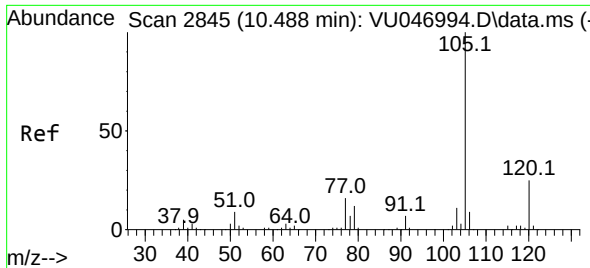
Ion Ratio Lower Upper

173 100

175 47.6 37.8 56.6

254 9.4 7.3 10.9

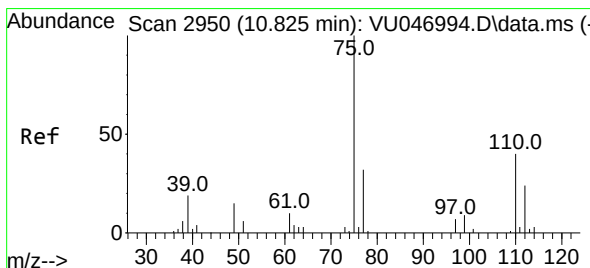
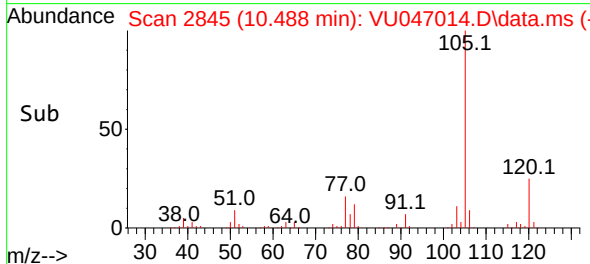
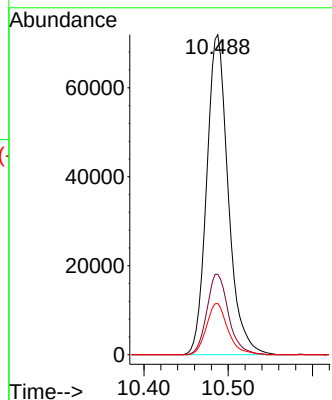
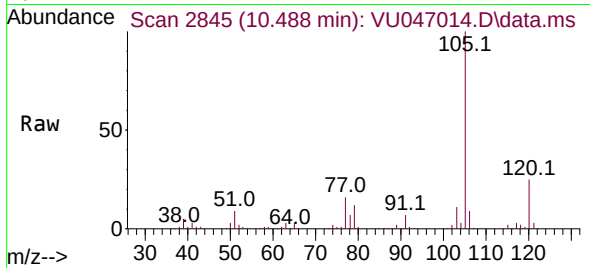




#60
Isopropylbenzene
Concen: 4.313 ug/L
RT: 10.488 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047014.D
Acq: 02 Feb 2022 20:17

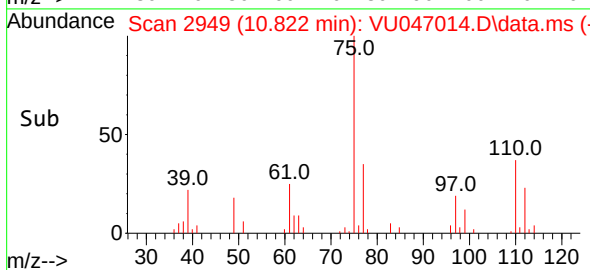
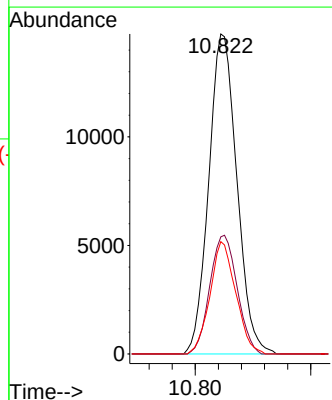
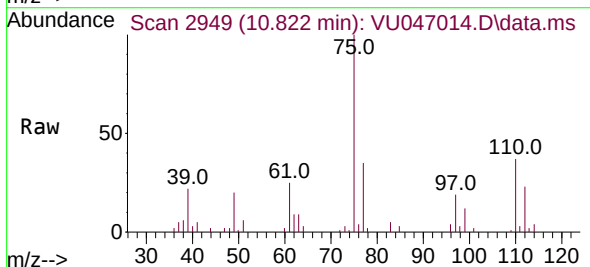
Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

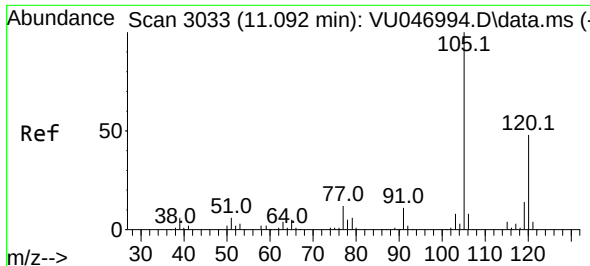
Tgt Ion:105 Resp: 127958
Ion Ratio Lower Upper
105 100
120 25.3 20.7 31.1
77 15.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.614 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU047014.D
Acq: 02 Feb 2022 20:17

Tgt Ion: 75 Resp: 24897
Ion Ratio Lower Upper
75 100
110 36.1 29.9 44.9
77 32.2 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 3.775 ug/L

RT: 11.089 min Scan# 3033

Delta R.T. -0.003 min

Lab File: VU047014.D

Acq: 02 Feb 2022 20:17

Instrument :

MSVOA_U

ClientSampleId :

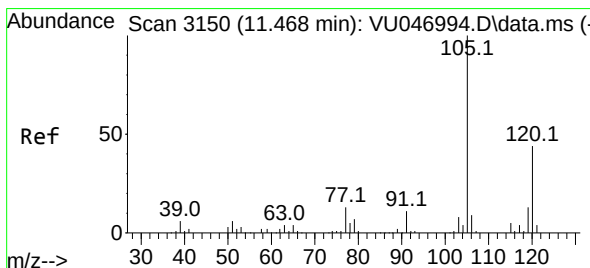
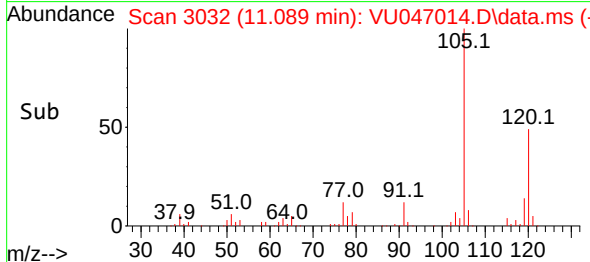
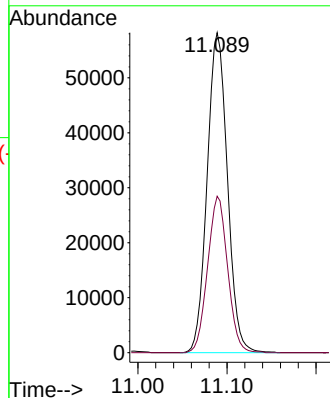
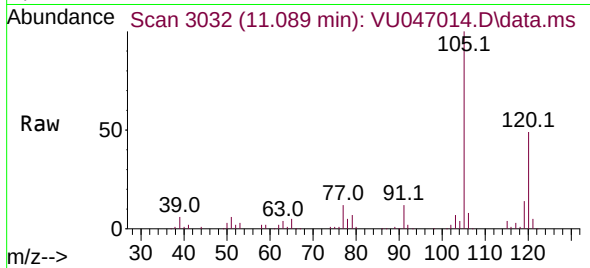
VSTD005185

Tgt Ion:105 Resp: 91936

Ion Ratio Lower Upper

105 100

120 48.3 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 3.736 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU047014.D

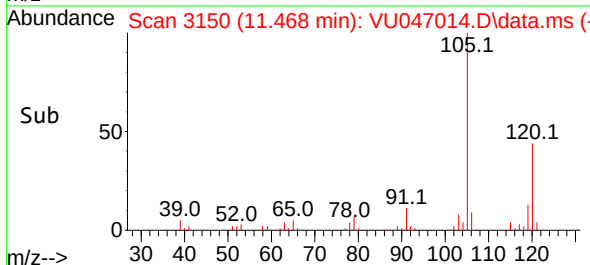
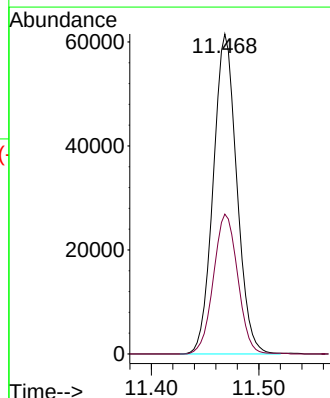
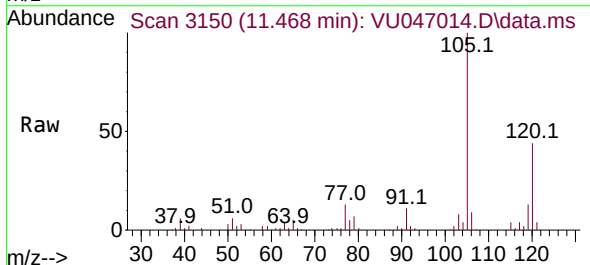
Acq: 02 Feb 2022 20:17

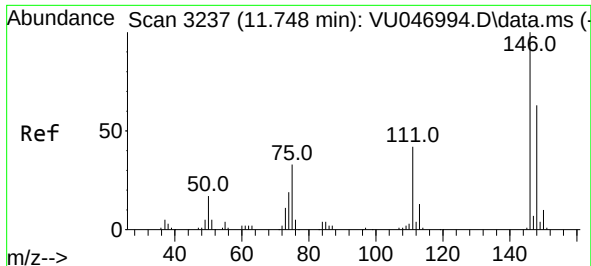
Tgt Ion:105 Resp: 93611

Ion Ratio Lower Upper

105 100

120 45.0 35.8 53.8

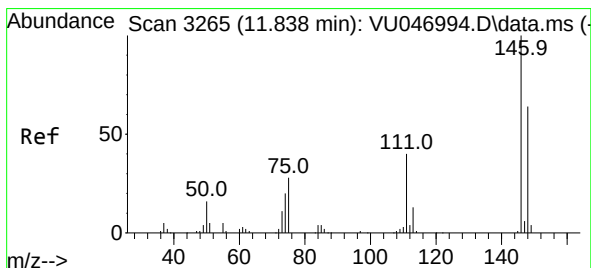
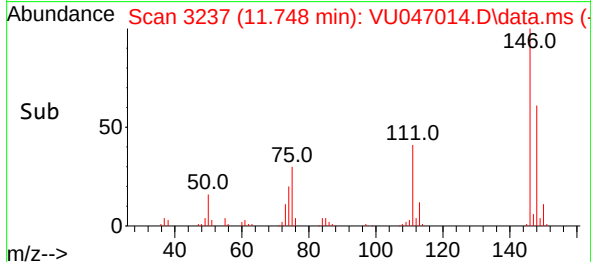
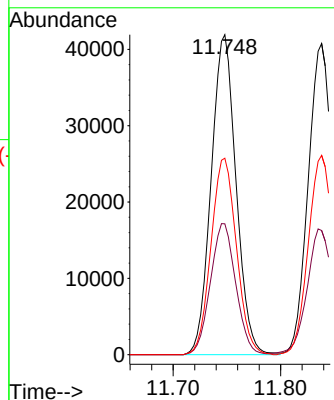
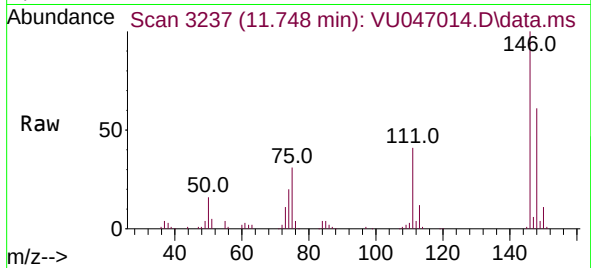




#64
1,3-Dichlorobenzene
Concen: 4.548 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU047014.D
Acq: 02 Feb 2022 20:17

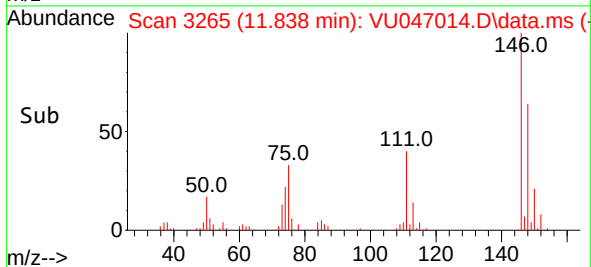
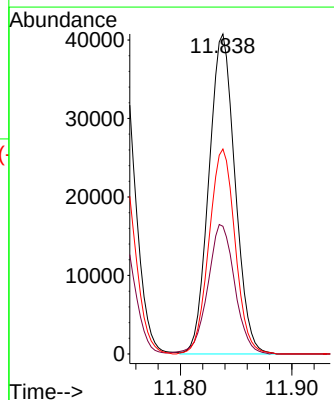
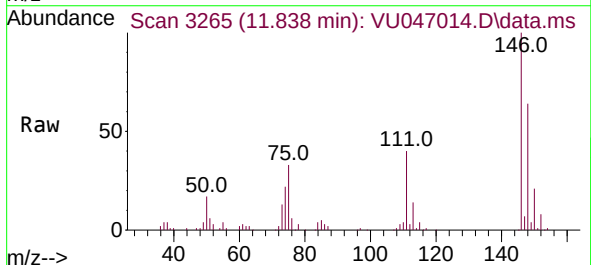
Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

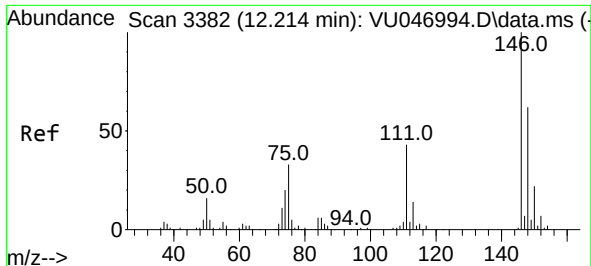
Tgt Ion:146 Resp: 67444
Ion Ratio Lower Upper
146 100
111 40.9 29.9 55.5
148 61.4 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 4.454 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU047014.D
Acq: 02 Feb 2022 20:17

Tgt Ion:146 Resp: 66468
Ion Ratio Lower Upper
146 100
111 39.9 28.7 53.3
148 64.1 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 4.384 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU047014.D

Acq: 02 Feb 2022 20:17

Instrument :

MSVOA_U

ClientSampleId :

VSTD005185

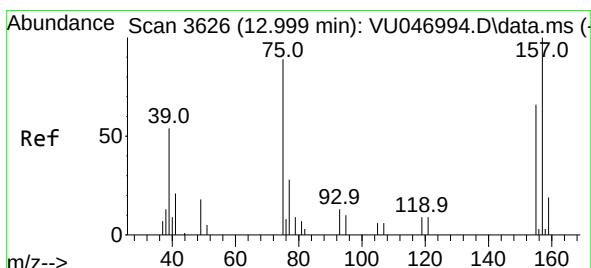
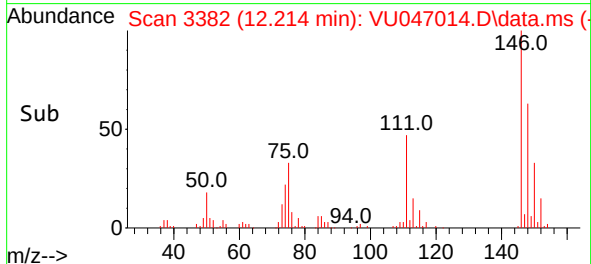
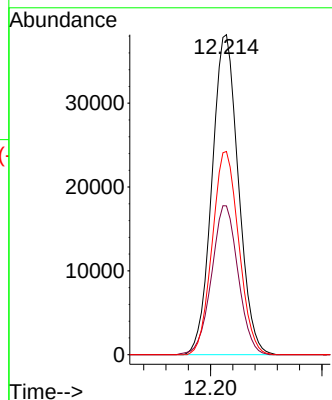
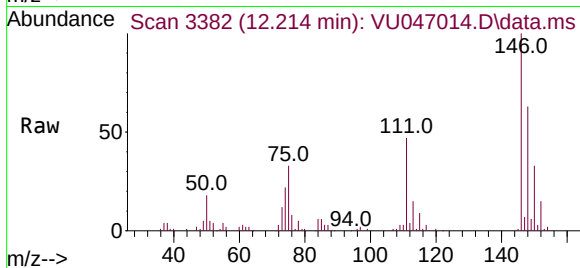
Tgt Ion:146 Resp: 62886

Ion Ratio Lower Upper

146 100

111 46.5 35.4 53.0

148 63.5 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.001 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU047014.D

Acq: 02 Feb 2022 20:17

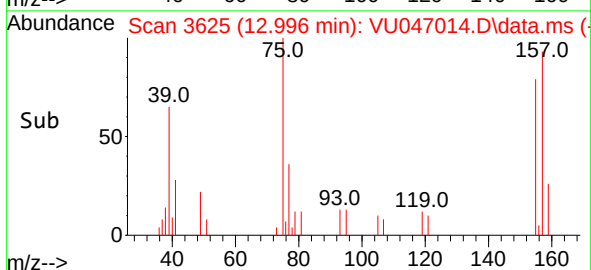
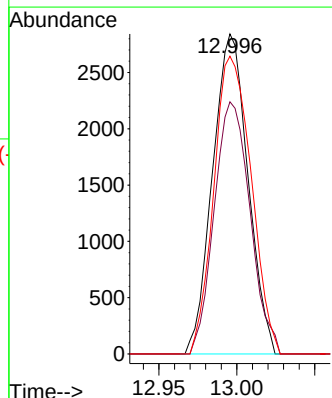
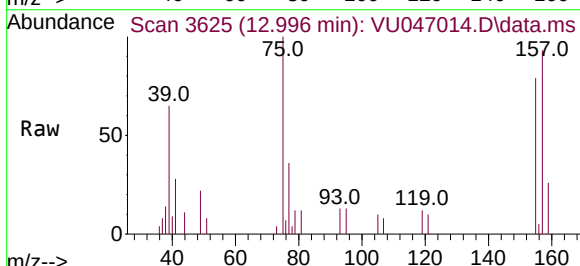
Tgt Ion: 75 Resp: 4481

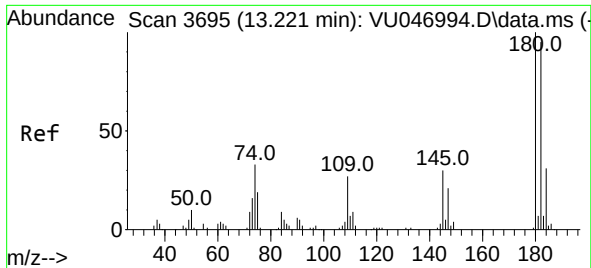
Ion Ratio Lower Upper

75 100

155 78.8 59.2 88.8

157 93.0 76.5 114.7

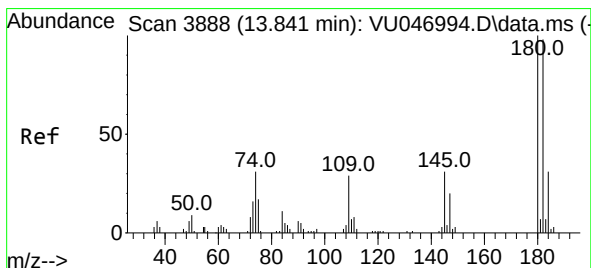
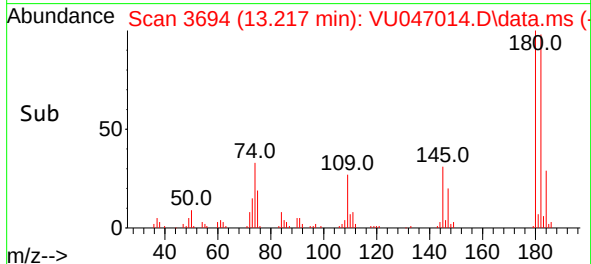
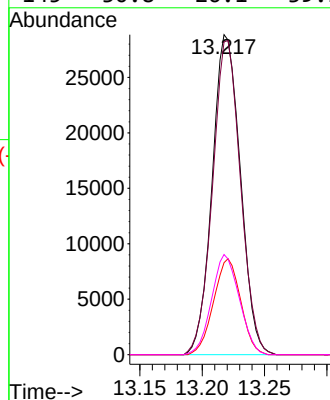
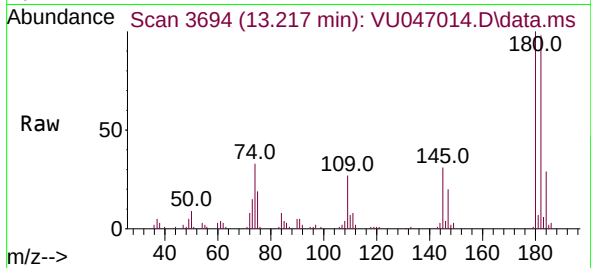




#69
 1,3,5-Trichlorobenzene
 Concen: 3.880 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU047014.D
 Acq: 02 Feb 2022 20:17

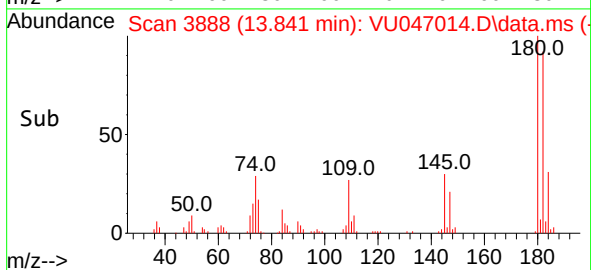
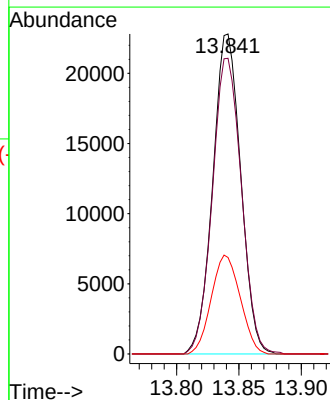
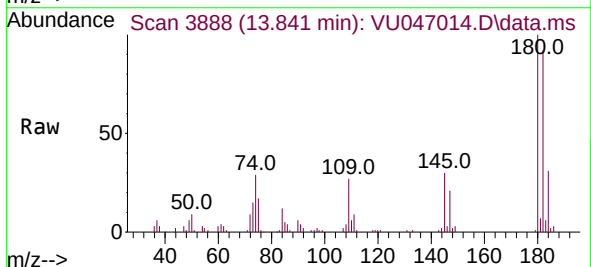
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005185

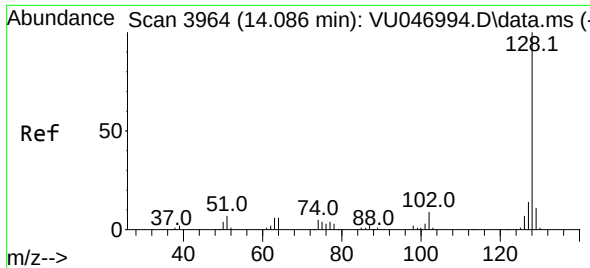
Tgt Ion:	180	Resp:	45368
Ion Ratio	Lower	Upper	
180	100		
182	97.4	76.1	114.1
184	28.8	25.0	37.4
145	30.8	26.1	39.1



#70
 1,2,4-trichlorobenzene
 Concen: 3.641 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047014.D
 Acq: 02 Feb 2022 20:17

Tgt Ion:	180	Resp:	35584
Ion Ratio	Lower	Upper	
180	100		
182	95.9	76.4	114.6
145	32.0	25.6	38.4

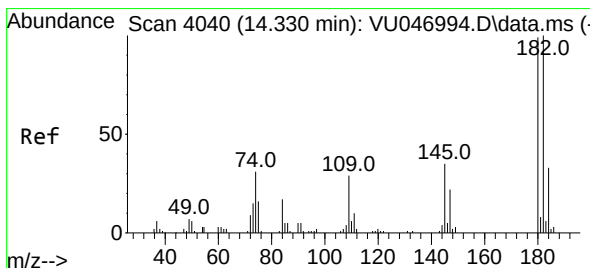
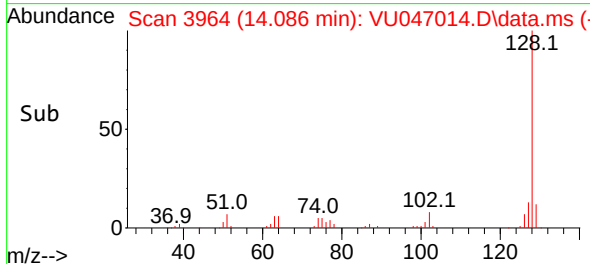
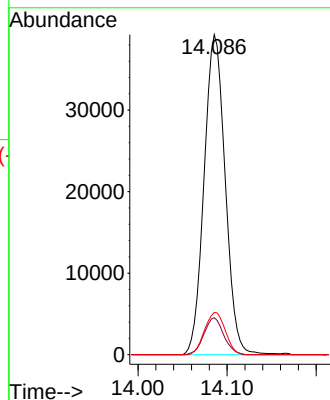
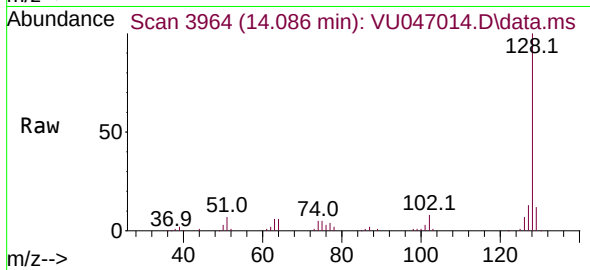




#71
Naphthalene
Concen: 3.249 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU047014.D
Acq: 02 Feb 2022 20:17

Instrument :
MSVOA_U
ClientSampleId :
VSTD005185

Tgt Ion:128	Resp:	64645
Ion	Ratio	Lower Upper
128	100	
129	10.8	8.4 12.6
127	13.0	10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.010 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047014.D
Acq: 02 Feb 2022 20:17

Tgt Ion:180	Resp:	37018
Ion	Ratio	Lower Upper
180	100	
182	94.0	76.2 114.4
145	34.3	28.4 42.6

