

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
 Data File : VU047534.D
 Acq On : 14 Mar 2022 14:34
 Operator : SY/MD
 Sample : VSTD01022
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010022

Quant Time: Mar 15 05:16:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 15 05:13:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	155144	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	151383	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	88359	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	101342	9.988	ug/L	0.00
7) Chloroethane-d5	1.919	69	94005	10.209	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	47709	10.027	ug/L	0.00
20) 2-Butanone-d5	4.639	46	278902	95.533	ug/L	0.00
24) Chloroform-d	5.067	84	222537	9.988	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	118639	9.827	ug/L	0.00
32) Benzene-d6	5.729	84	450530	10.224	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	139758	10.085	ug/L	0.00
41) Toluene-d8	7.899	98	428919	10.381	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	60923	10.457	ug/L	0.00
46) 2-Hexanone-d5	8.636	63	326597	108.139	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	139357	10.070	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	182913	9.907	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	101083	10.590	ug/L	99
3) Chloromethane	1.523	50	92310	9.860	ug/L	99
5) Vinyl chloride	1.607	62	97414	10.090	ug/L	99
6) Bromomethane	1.861	94	46196	10.170	ug/L	99
8) Chloroethane	1.938	64	59028	10.117	ug/L	99
9) Trichlorofluoromethane	2.144	101	130311	10.296	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	84517	10.578	ug/L	99
12) 1,1-Dichloroethene	2.584	96	78676	10.179	ug/L	97
13) Acetone	2.652	43	103158	90.624	ug/L	100
14) Carbon disulfide	2.800	76	230524	9.914	ug/L	99
15) Methyl Acetate	2.961	43	29968	9.545	ug/L	97
16) Methylene chloride	3.051	84	93105	8.166	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	200954	10.133	ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	84389	10.157	ug/L	97
19) 1,1-Dichloroethane	3.874	63	147197	10.071	ug/L	99
21) 2-Butanone	4.719	43	209025	96.516	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	94442	10.245	ug/L	98
23) Bromochloromethane	4.980	128	46354	9.909	ug/L	92
25) Chloroform	5.092	83	159051	9.899	ug/L	100
27) 1,2-Dichloroethane	5.797	62	100229	9.752	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	136365	10.129	ug/L	99
30) Cyclohexane	5.391	56	125475	10.794	ug/L	98
31) Carbon tetrachloride	5.530	117	121571	10.266	ug/L	99
33) Benzene	5.777	78	352495	10.306	ug/L	100
34) Trichloroethene	6.546	95	93677	10.335	ug/L	99
35) Methylcyclohexane	6.764	83	145311	11.139	ug/L	99
37) 1,2-Dichloropropane	6.793	63	90191	10.289	ug/L	99
38) Bromodichloromethane	7.108	83	122085	10.115	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	141669	10.400	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	636278	104.137	ug/L	99
42) Toluene	7.970	91	385488	10.396	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	127705	10.510	ug/L	98

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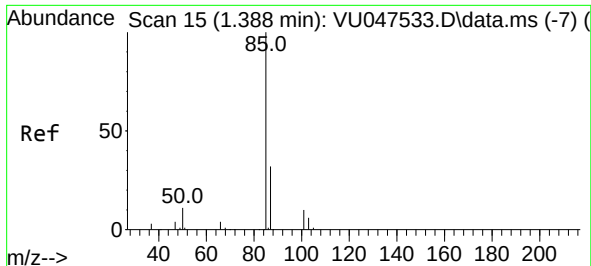
Quant Time: Mar 15 05:16:07 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	74874	9.964	ug/L	99
47) Tetrachloroethene	8.555	164	79510	10.284	ug/L	96
48) 2-Hexanone	8.687	43	471106	101.311	ug/L	99
49) Dibromochloromethane	8.812	129	96487	10.423	ug/L	99
50) 1,2-Dibromoethane	8.925	107	76157	10.249	ug/L	100
51) Chlorobenzene	9.449	112	258581	10.210	ug/L	100
52) Ethylbenzene	9.571	91	415941	10.591	ug/L	100
53) m,p-Xylene	9.693	106	165154	10.877	ug/L	98
54) o-Xylene	10.102	106	161234	10.749	ug/L	96
55) Styrene	10.115	104	281251	10.917	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	104811	10.403	ug/L	98
59) Bromoform	10.291	173	64091	10.282	ug/L	98
60) Isopropylbenzene	10.484	105	419877	10.519	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	72092	9.728	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	274022	10.752	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	359487	10.866	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	226231	10.162	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	226456	9.958	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	218186	9.912	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	17034	9.581	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	188768	10.030	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	164925	9.962	ug/L	99
71) Naphthalene	14.086	128	300077	9.766	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	153729	9.677	ug/L	99

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

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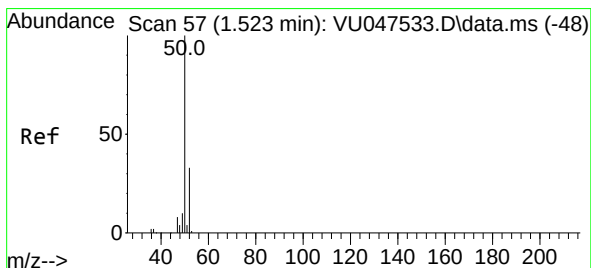
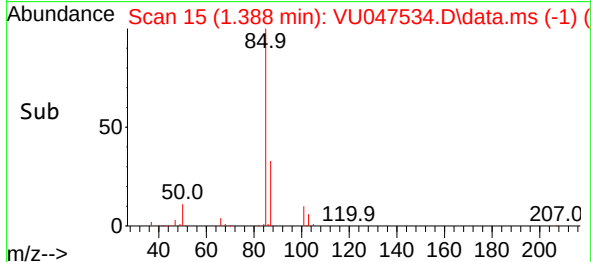
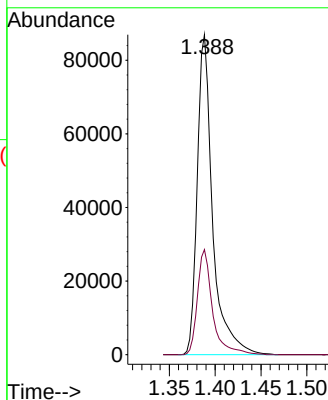
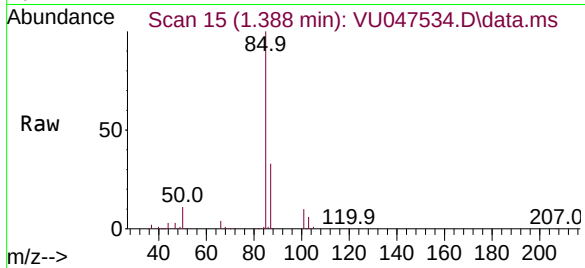




#2
Dichlorodifluoromethane
Concen: 10.590 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047534.D
Acq: 14 Mar 2022 14:34

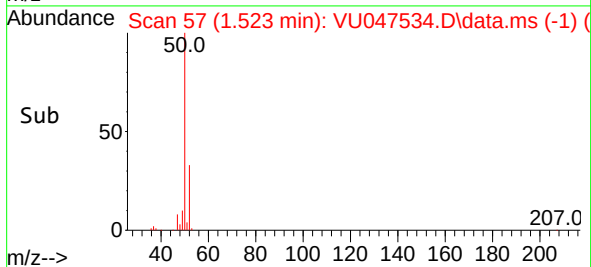
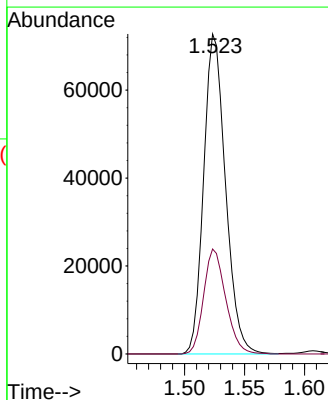
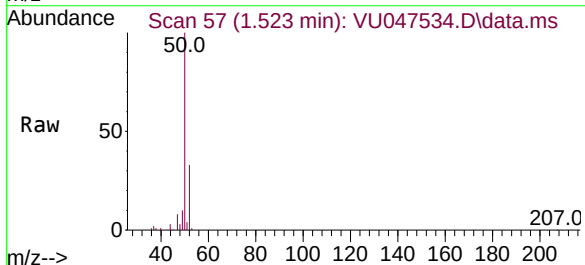
Instrument :
MSVOA_U
ClientSampleId :
VSTD010022

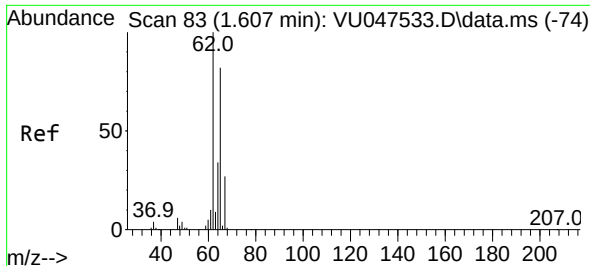
Tgt Ion: 85 Resp: 101083
Ion Ratio Lower Upper
85 100
87 32.5 26.2 39.4



#3
Chloromethane
Concen: 9.860 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU047534.D
Acq: 14 Mar 2022 14:34

Tgt Ion: 50 Resp: 92310
Ion Ratio Lower Upper
50 100
52 32.8 23.2 43.0

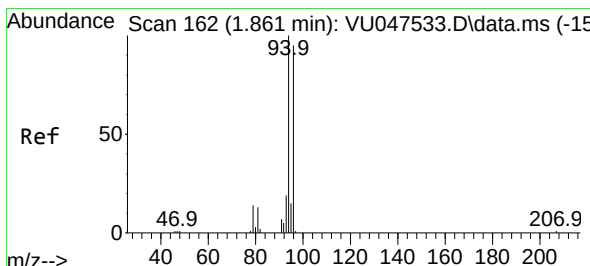
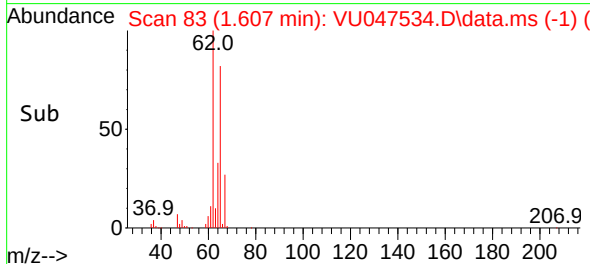
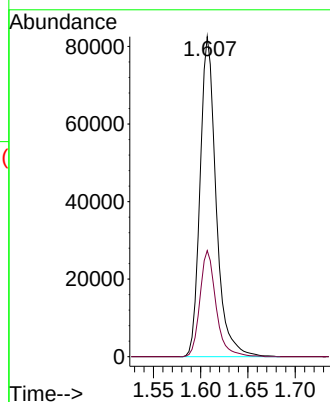
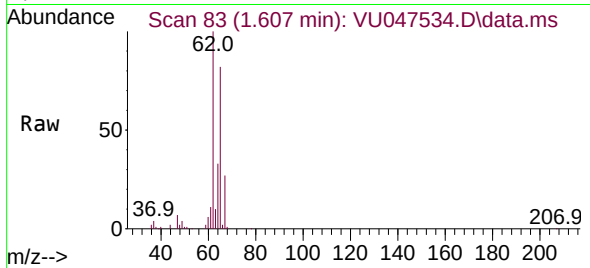




#5
 Vinyl chloride
 Concen: 10.090 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU047534.D
 Acq: 14 Mar 2022 14:34

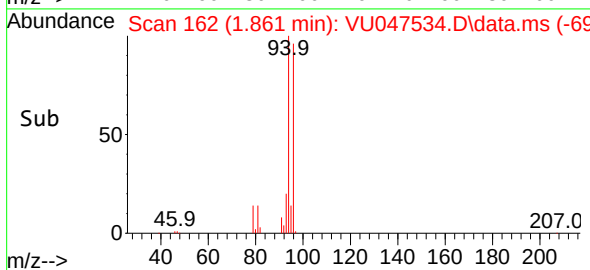
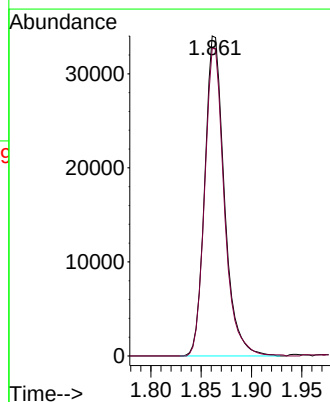
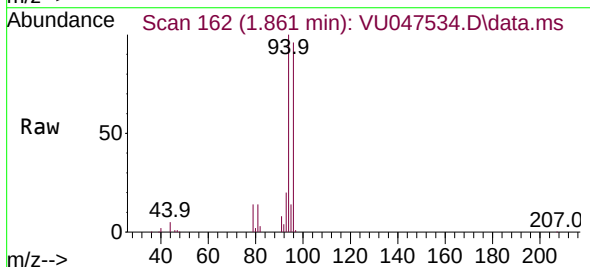
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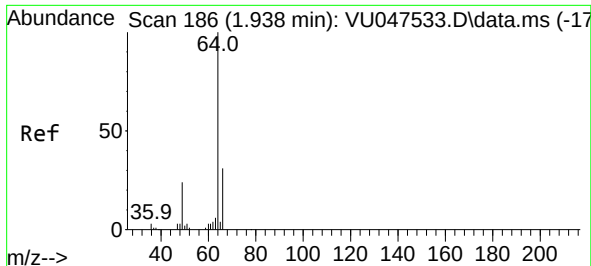
Tgt Ion: 62 Resp: 97414
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.5 43.7



#6
 Bromomethane
 Concen: 10.170 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU047534.D
 Acq: 14 Mar 2022 14:34

Tgt Ion: 94 Resp: 46196
 Ion Ratio Lower Upper
 94 100
 96 96.1 66.5 123.5

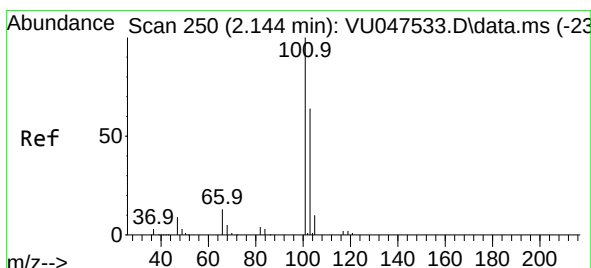
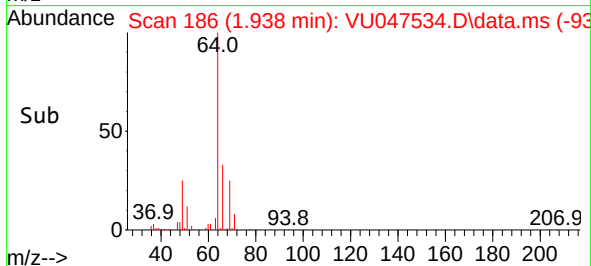
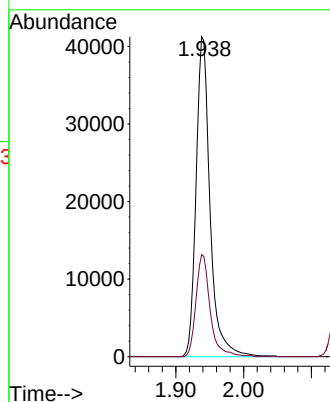
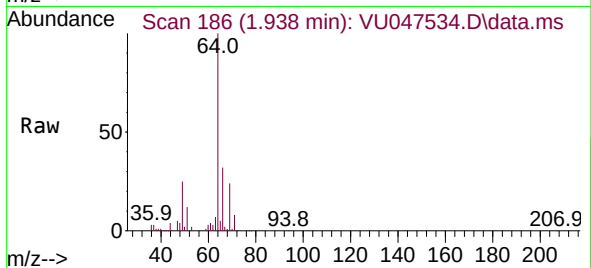




#8
Chloroethane
Concen: 10.117 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047534.D
Acq: 14 Mar 2022 14:34

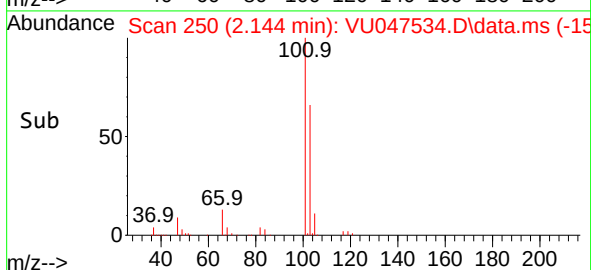
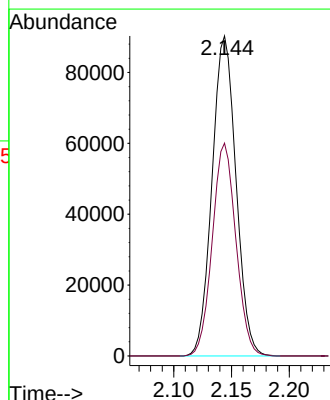
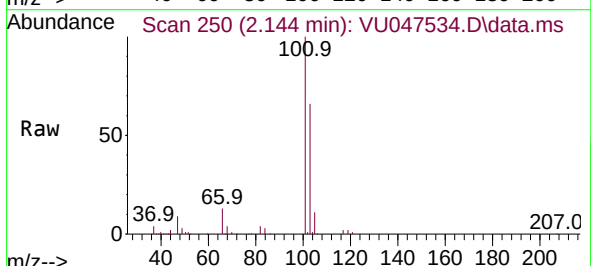
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ClientSampleId :
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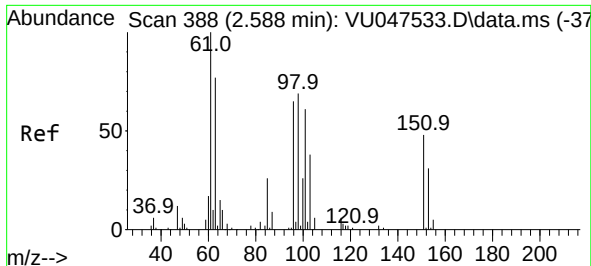
Tgt Ion: 64 Resp: 59028
Ion Ratio Lower Upper
64 100
66 31.9 22.0 40.8



#9
Trichlorofluoromethane
Concen: 10.296 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047534.D
Acq: 14 Mar 2022 14:34

Tgt Ion:101 Resp: 130311
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2

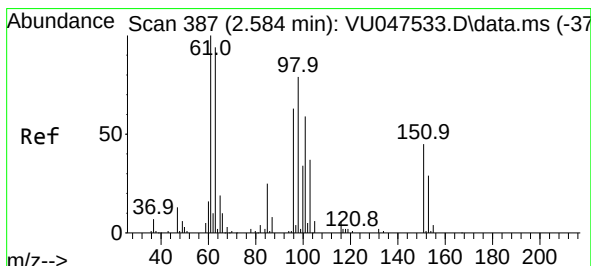
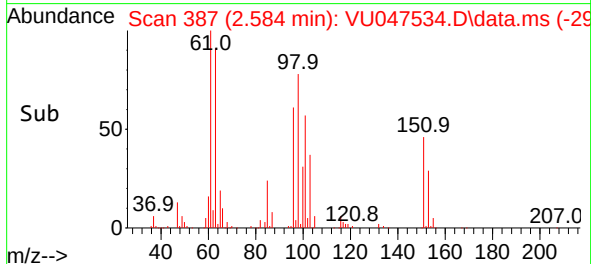
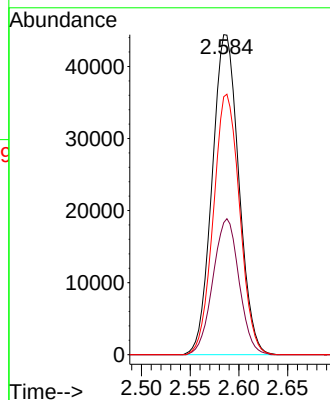
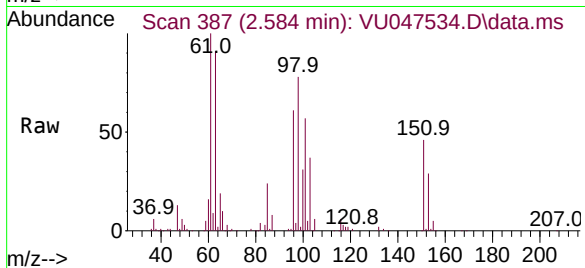




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.578 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU047534.D
Acq: 14 Mar 2022 14:34

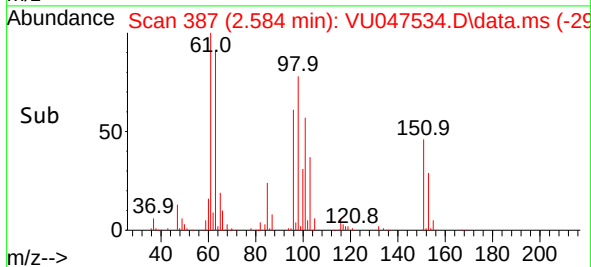
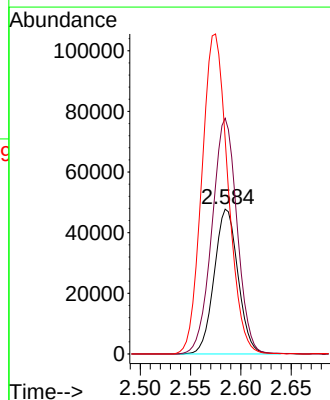
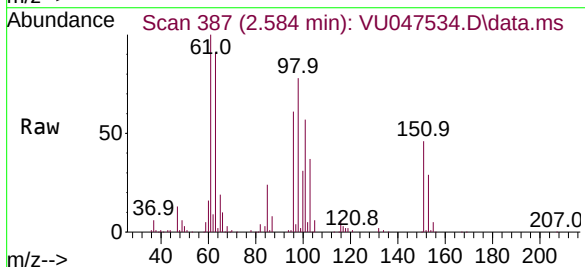
Instrument :
MSVOA_U
ClientSampleId :
VSTD010022

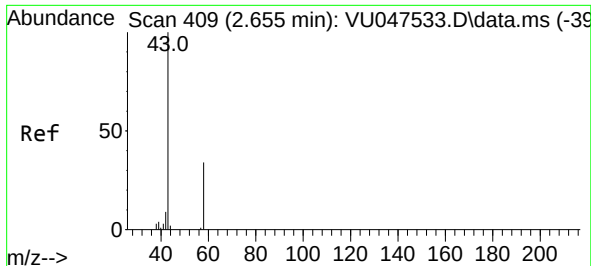
Tgt Ion:101 Resp: 84517
Ion Ratio Lower Upper
101 100
85 41.6 34.0 51.0
151 80.2 63.8 95.6



#12
1,1-Dichloroethene
Concen: 10.179 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU047534.D
Acq: 14 Mar 2022 14:34

Tgt Ion: 96 Resp: 78676
Ion Ratio Lower Upper
96 100
61 162.7 111.4 207.0
63 148.5 106.6 198.0





#13

Acetone

Concen: 90.624 ug/L

RT: 2.652 min Scan# 409

Delta R.T. -0.003 min

Lab File: VU047534.D

Acq: 14 Mar 2022 14:34

Instrument :

MSVOA_U

ClientSampleId :

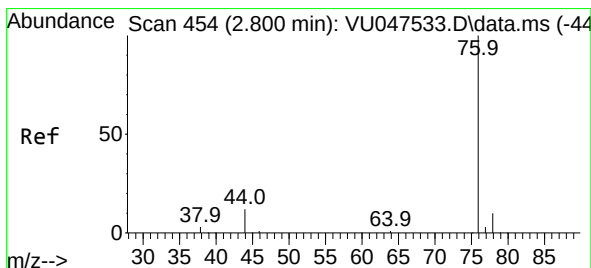
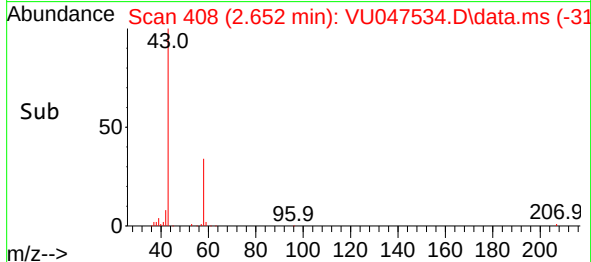
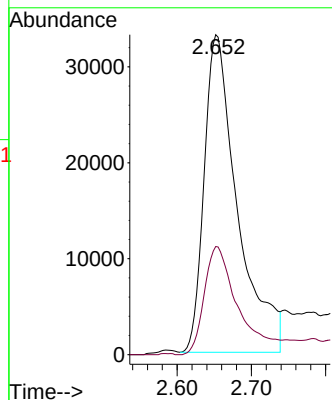
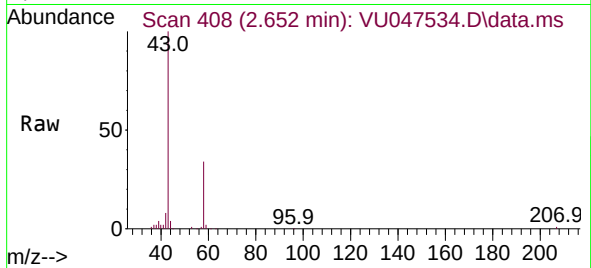
VSTD010022

Tgt Ion: 43 Resp: 103158

Ion Ratio Lower Upper

43 100

58 34.9 0.0 69.4



#14

Carbon disulfide

Concen: 9.914 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047534.D

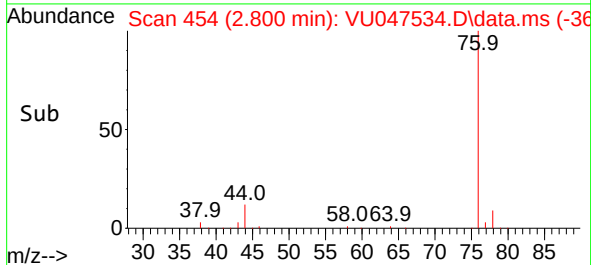
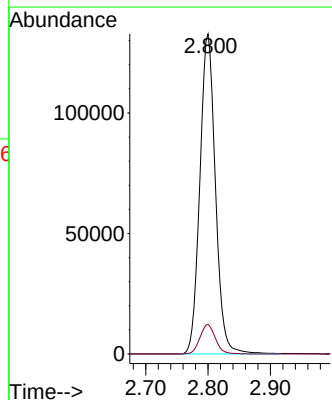
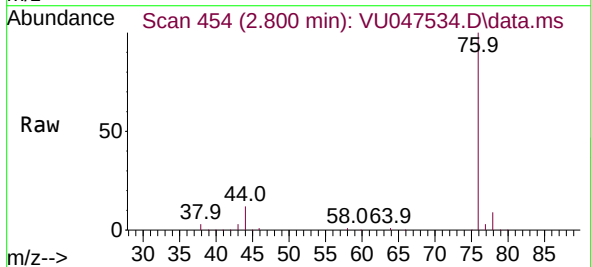
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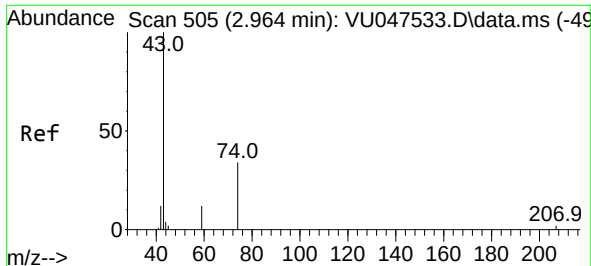
Tgt Ion: 76 Resp: 230524

Ion Ratio Lower Upper

76 100

78 9.3 7.7 11.5

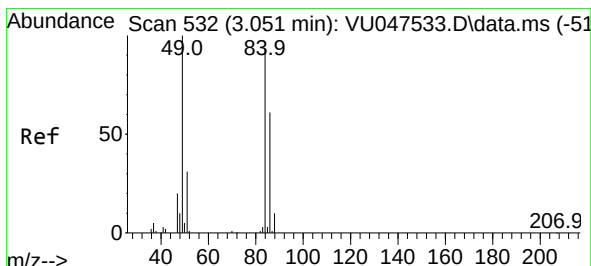
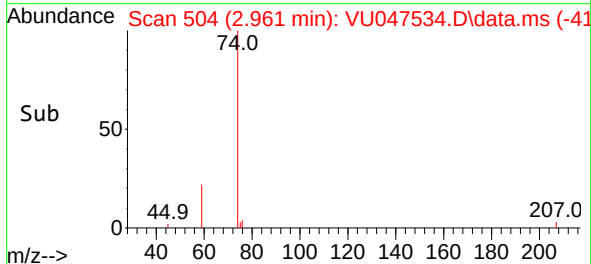
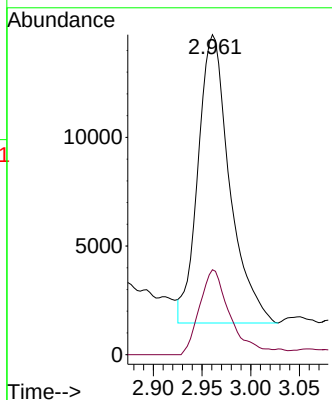
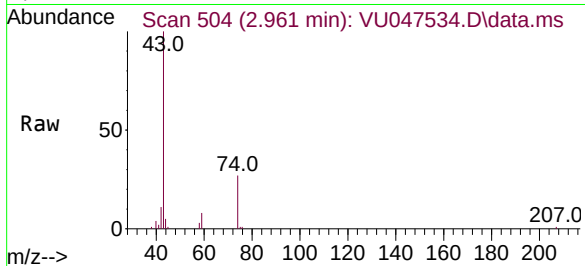




#15
Methyl Acetate
Concen: 9.545 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU047534.D
Acq: 14 Mar 2022 14:34

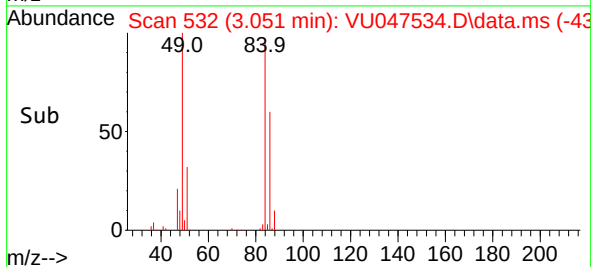
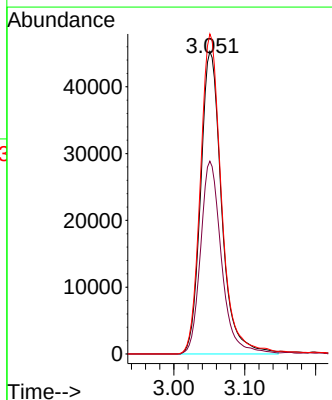
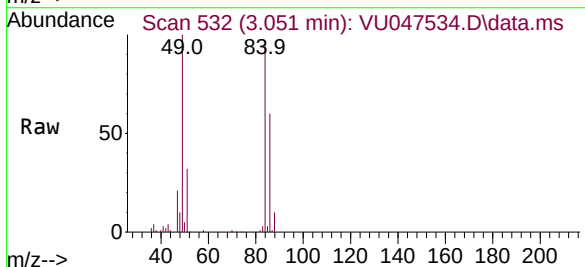
Instrument :
MSVOA_U
ClientSampleId :
VSTD010022

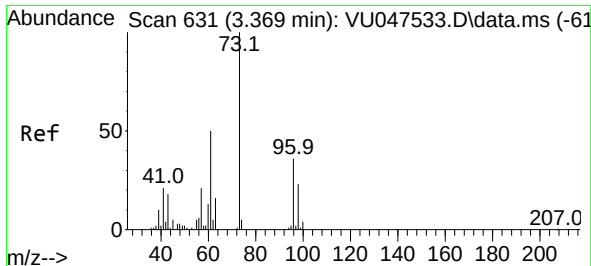
Tgt Ion: 43 Resp: 29968
Ion Ratio Lower Upper
43 100
74 28.5 21.8 32.6



#16
Methylene chloride
Concen: 8.166 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU047534.D
Acq: 14 Mar 2022 14:34

Tgt Ion: 84 Resp: 93105
Ion Ratio Lower Upper
84 100
86 63.8 45.4 84.4
49 105.8 75.0 139.4





#17

Methyl tert-butyl Ether

Concen: 10.133 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU047534.D

Acq: 14 Mar 2022 14:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD010022

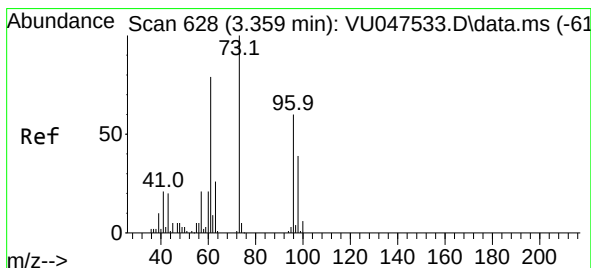
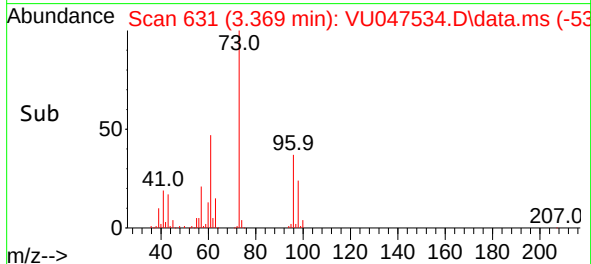
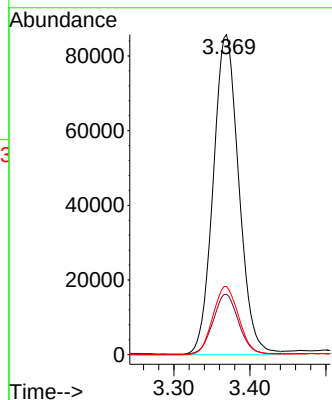
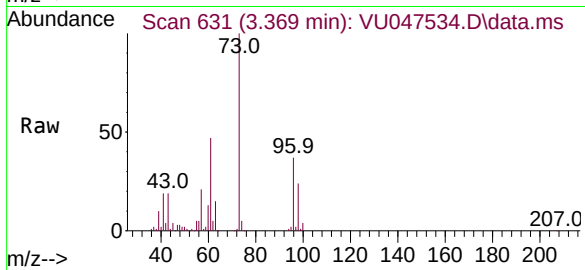
Tgt Ion: 73 Resp: 200954

Ion Ratio Lower Upper

73 100

43 18.6 15.2 22.8

57 21.5 17.2 25.8



#18

trans-1,2-Dichloroethene

Concen: 10.157 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU047534.D

Acq: 14 Mar 2022 14:34

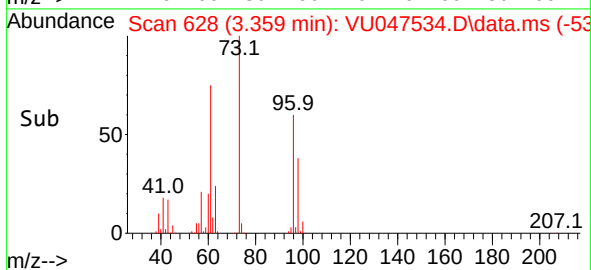
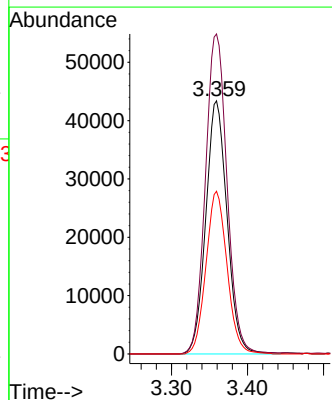
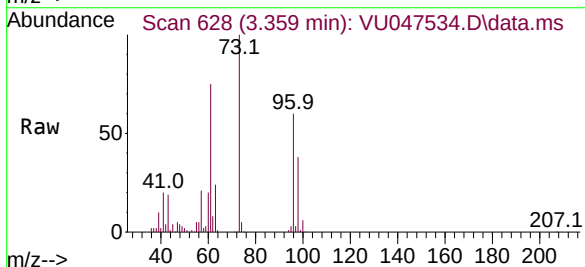
Tgt Ion: 96 Resp: 84389

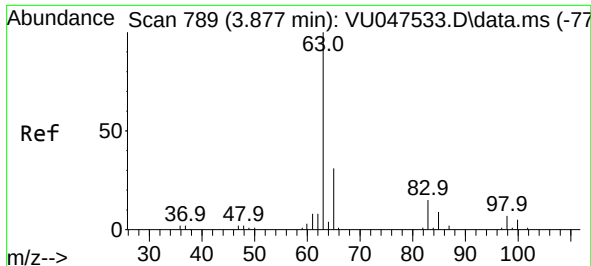
Ion Ratio Lower Upper

96 100

61 126.4 91.7 170.3

98 64.3 45.1 83.7





#19

1,1-Dichloroethane

Concen: 10.071 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU047534.D

Acq: 14 Mar 2022 14:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD010022

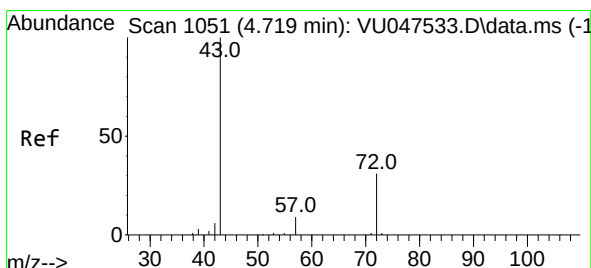
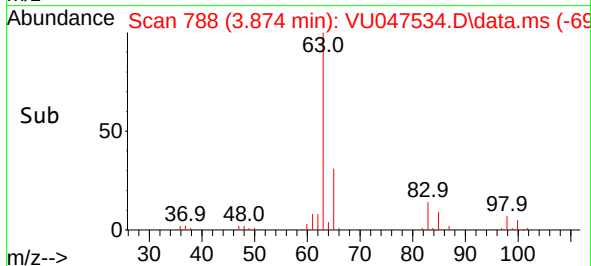
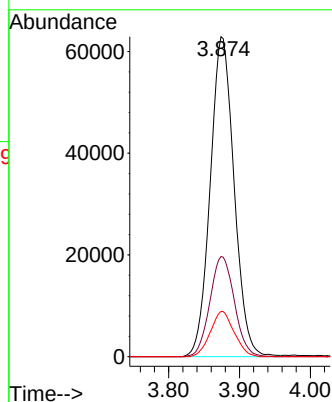
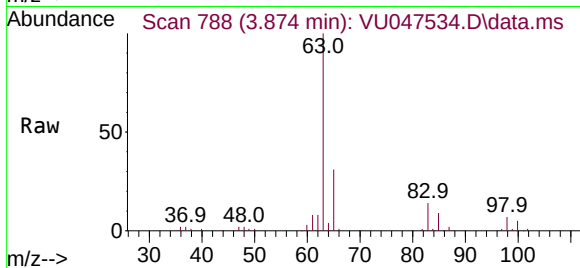
Tgt Ion: 63 Resp: 147197

Ion Ratio Lower Upper

63 100

65 31.3 21.8 40.6

83 14.1 10.8 20.0



#21

2-Butanone

Concen: 96.516 ug/L

RT: 4.719 min Scan# 1051

Delta R.T. 0.000 min

Lab File: VU047534.D

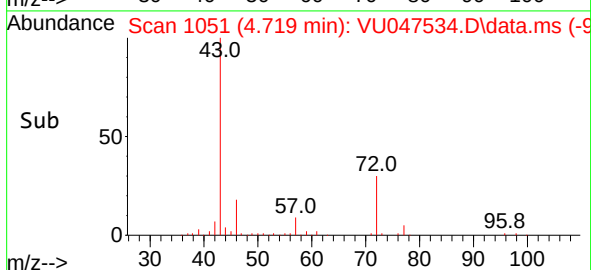
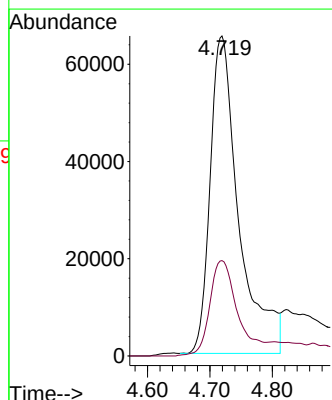
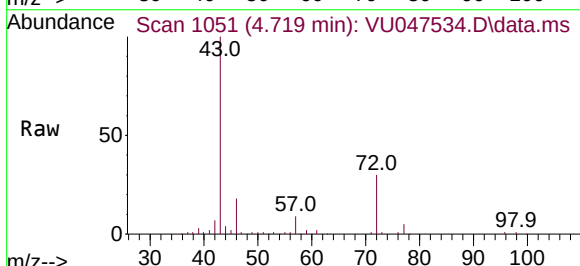
Acq: 14 Mar 2022 14:34

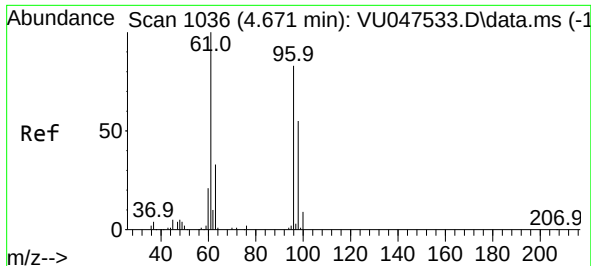
Tgt Ion: 43 Resp: 209025

Ion Ratio Lower Upper

43 100

72 29.3 14.9 44.7

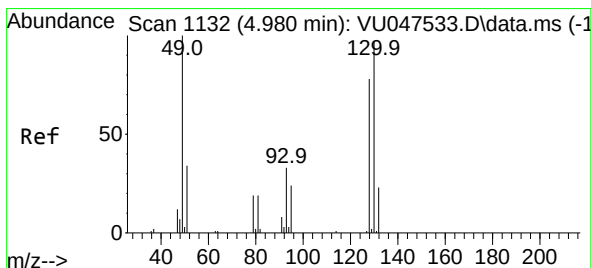
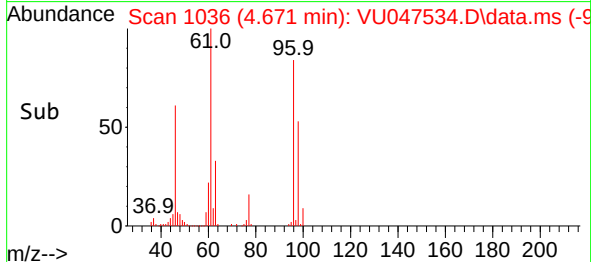
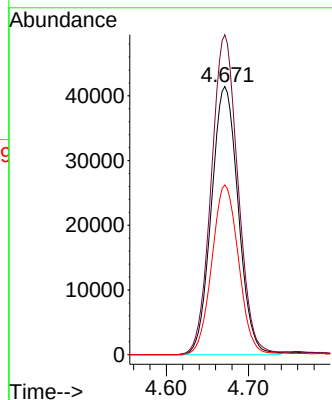
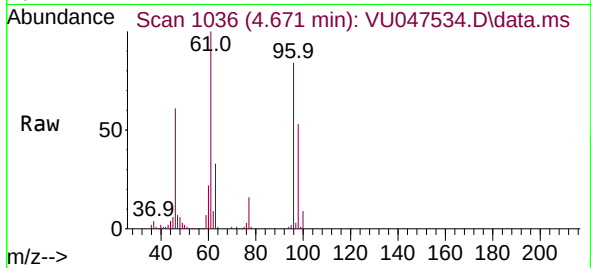




#22
 cis-1,2-Dichloroethene
 Concen: 10.245 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU047534.D
 Acq: 14 Mar 2022 14:34

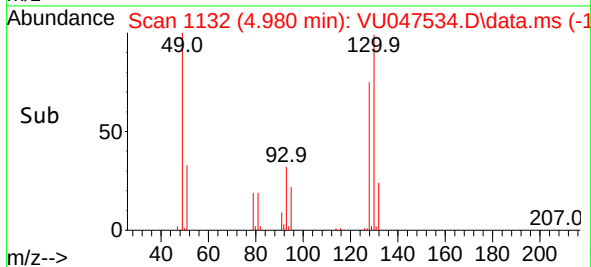
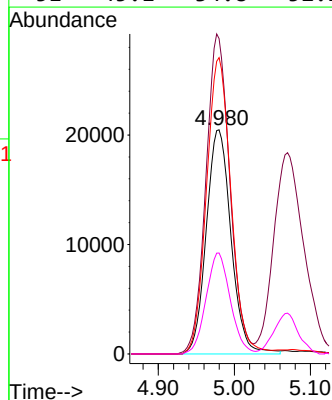
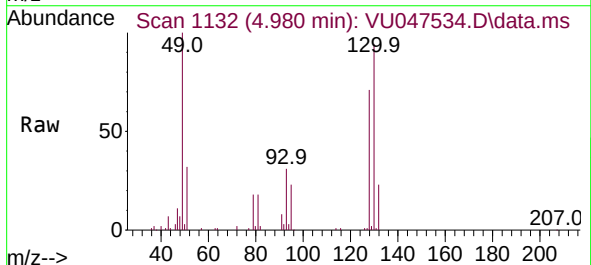
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010022

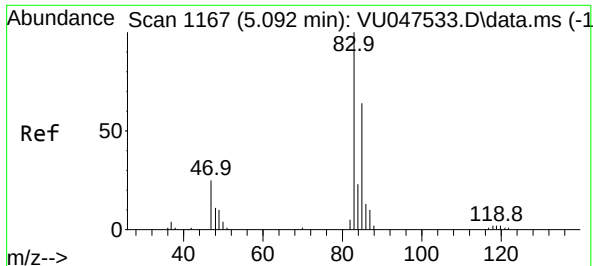
Tgt Ion: 96 Resp: 94442
 Ion Ratio Lower Upper
 96 100
 61 119.3 83.9 155.7
 98 63.3 46.4 86.2



#23
 Bromochloromethane
 Concen: 9.909 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VU047534.D
 Acq: 14 Mar 2022 14:34

Tgt Ion: 128 Resp: 46354
 Ion Ratio Lower Upper
 128 100
 49 140.7 89.6 166.4
 130 132.2 87.3 162.1
 51 45.1 34.8 52.2





#25

Chloroform

Concen: 9.899 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047534.D

Acq: 14 Mar 2022 14:34

Instrument :

MSVOA_U

ClientSampleId :

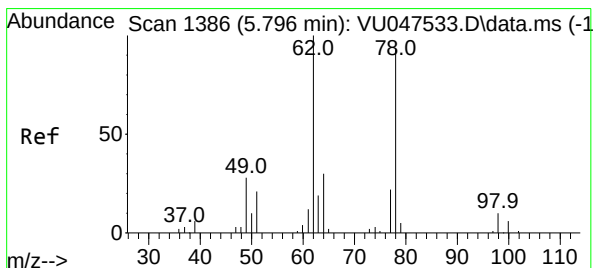
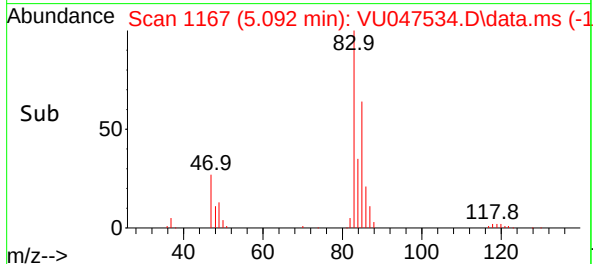
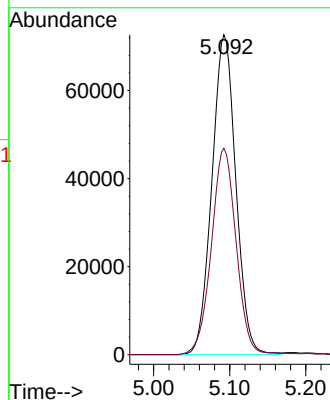
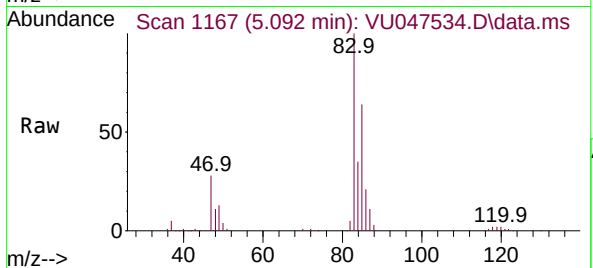
VSTD010022

Tgt Ion: 83 Resp: 159051

Ion Ratio Lower Upper

83 100

85 64.5 45.2 84.0



#27

1,2-Dichloroethane

Concen: 9.752 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU047534.D

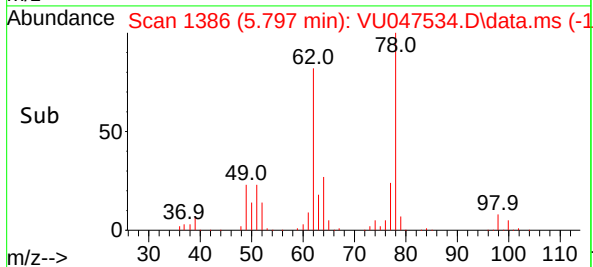
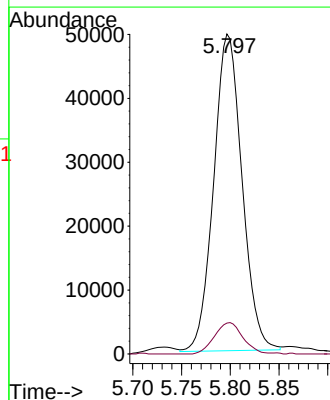
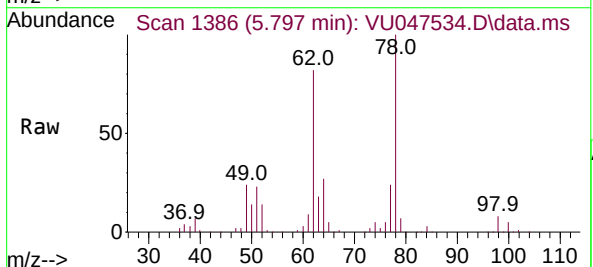
Acq: 14 Mar 2022 14:34

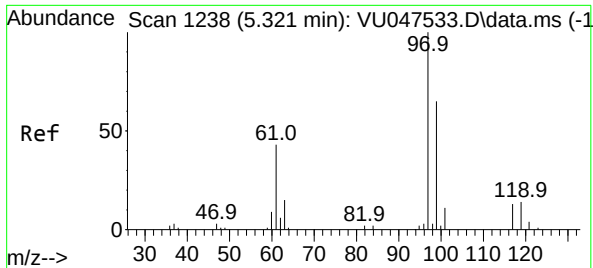
Tgt Ion: 62 Resp: 100229

Ion Ratio Lower Upper

62 100

98 9.7 7.7 11.5

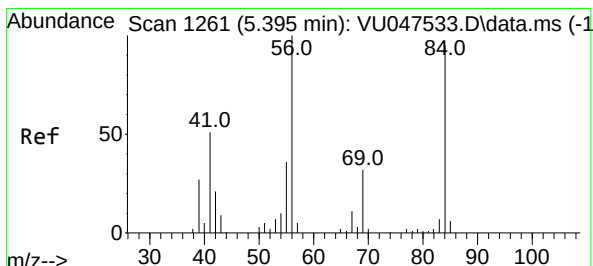
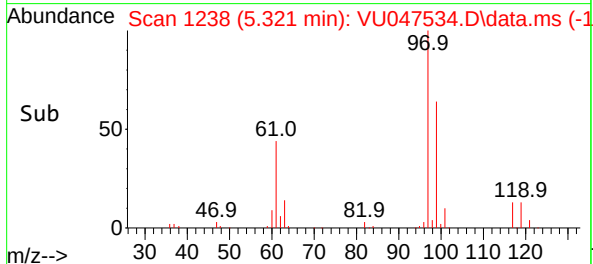
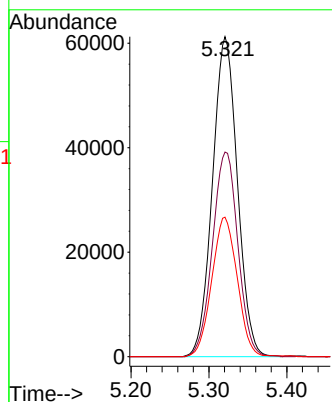
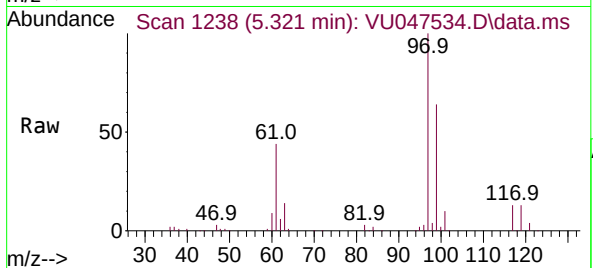




#29
1,1,1-Trichloroethane
Concen: 10.129 ug/L
RT: 5.321 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047534.D
Acq: 14 Mar 2022 14:34

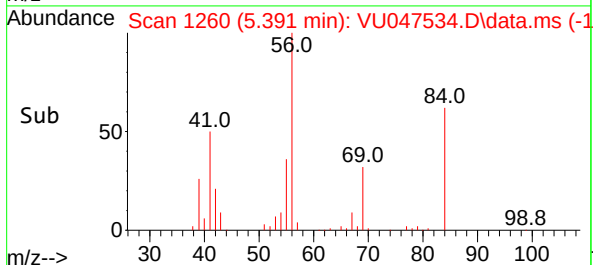
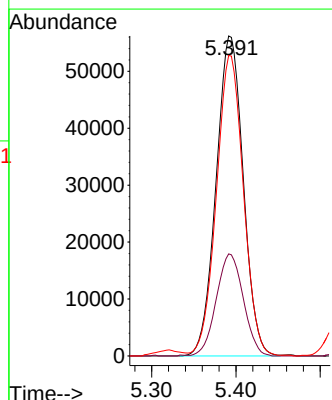
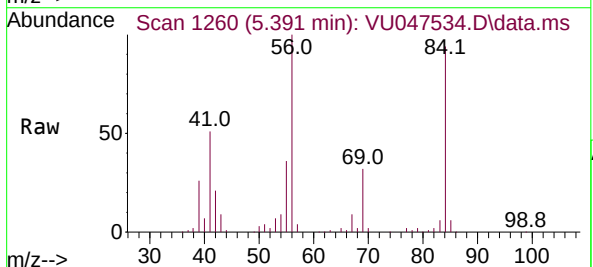
Instrument :
MSVOA_U
ClientSampleId :
VSTD010022

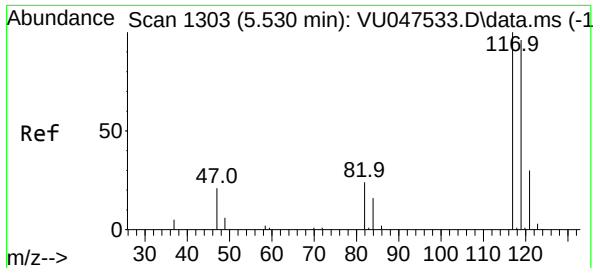
Tgt Ion: 97 Resp: 136365
Ion Ratio Lower Upper
97 100
99 65.2 51.2 76.8
61 44.6 35.0 52.4



#30
Cyclohexane
Concen: 10.794 ug/L
RT: 5.391 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VU047534.D
Acq: 14 Mar 2022 14:34

Tgt Ion: 56 Resp: 125475
Ion Ratio Lower Upper
56 100
69 31.8 26.0 39.0
84 93.2 76.2 114.4

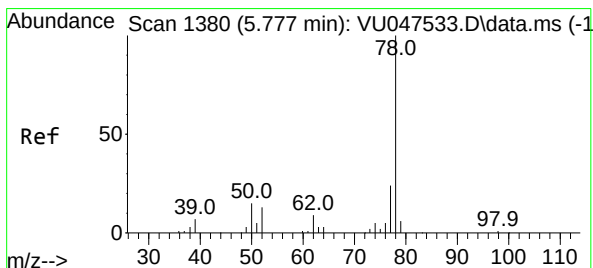
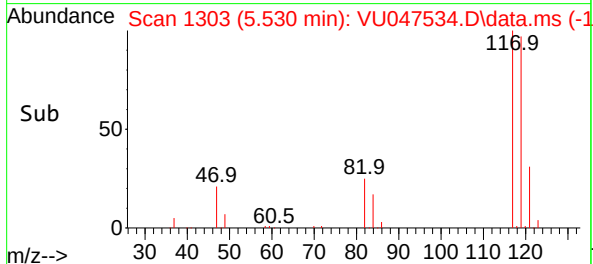
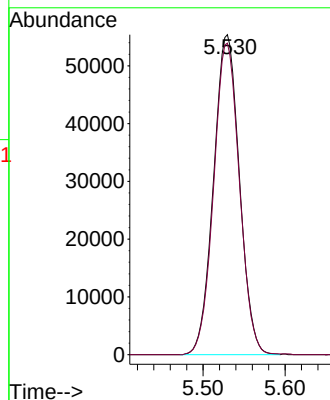
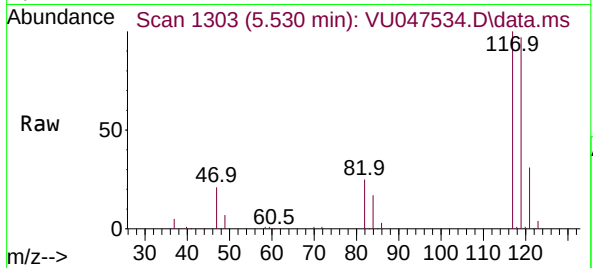




#31
Carbon tetrachloride
Concen: 10.266 ug/L
RT: 5.530 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047534.D
Acq: 14 Mar 2022 14:34

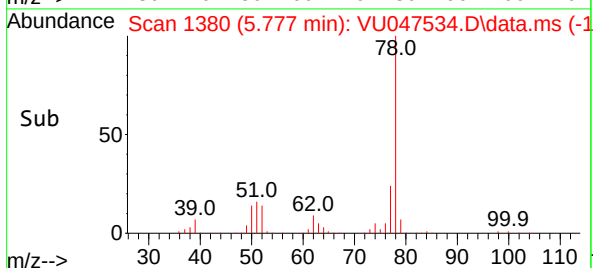
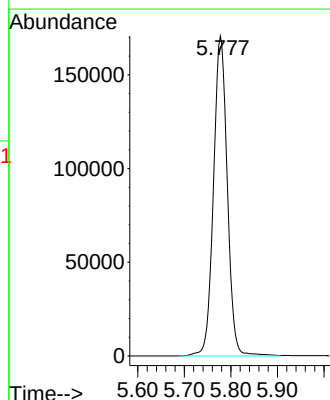
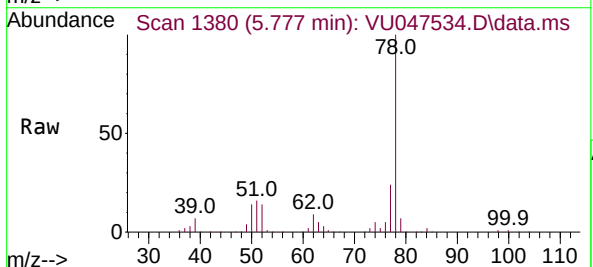
Instrument :
MSVOA_U
ClientSampleId :
VSTD010022

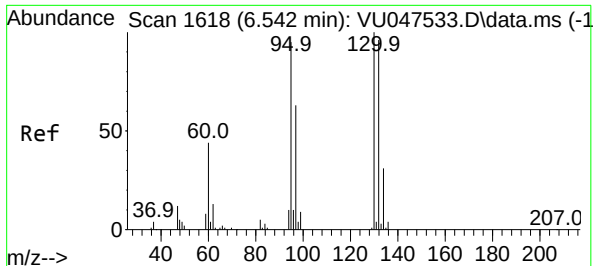
Tgt Ion:117 Resp: 121571
Ion Ratio Lower Upper
117 100
119 97.0 76.9 115.3



#33
Benzene
Concen: 10.306 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047534.D
Acq: 14 Mar 2022 14:34

Tgt Ion: 78 Resp: 352495

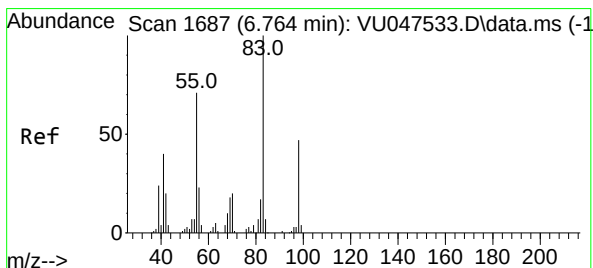
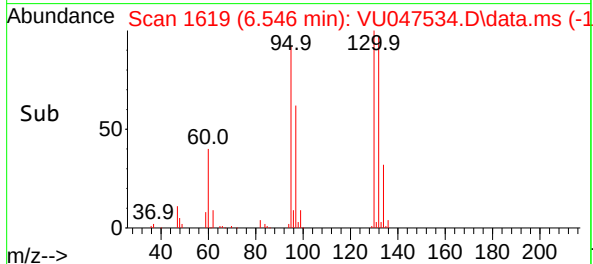
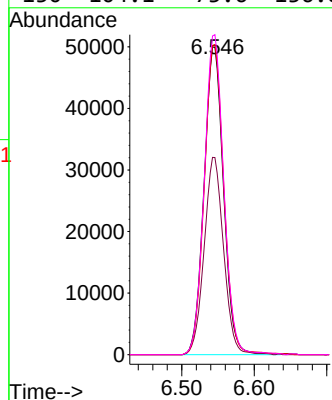
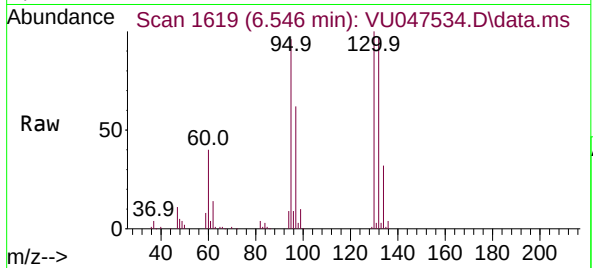




#34
Trichloroethene
Concen: 10.335 ug/L
RT: 6.546 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU047534.D
Acq: 14 Mar 2022 14:34

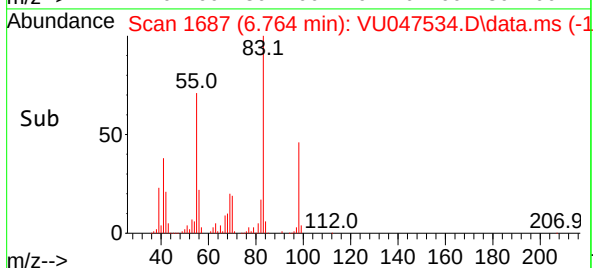
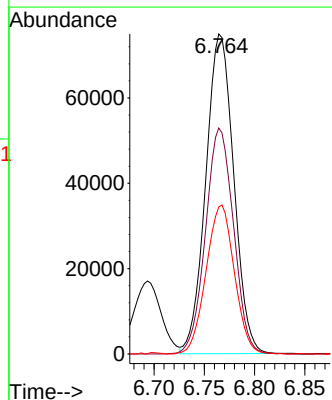
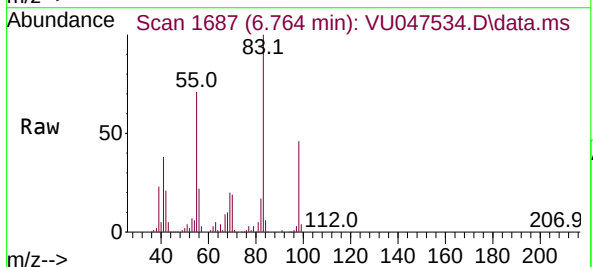
Instrument :
MSVOA_U
ClientSampleId :
VSTD010022

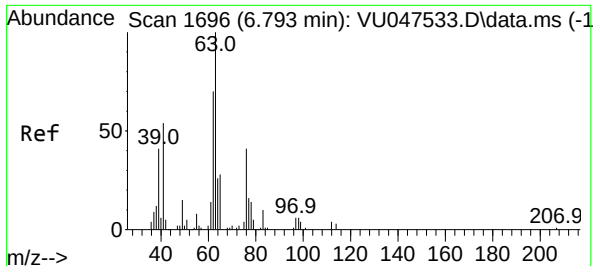
Tgt Ion: 95 Resp: 93677
Ion Ratio Lower Upper
95 100
97 64.1 46.3 85.9
132 100.8 70.7 131.3
130 104.1 73.6 136.8



#35
Methylcyclohexane
Concen: 11.139 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU047534.D
Acq: 14 Mar 2022 14:34

Tgt Ion: 83 Resp: 145311
Ion Ratio Lower Upper
83 100
55 70.8 57.3 85.9
98 47.0 37.5 56.3





#37

1,2-Dichloropropane

Concen: 10.289 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047534.D

Acq: 14 Mar 2022 14:34

Instrument :

MSVOA_U

ClientSampleId :

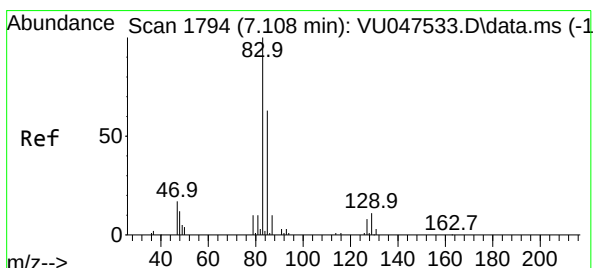
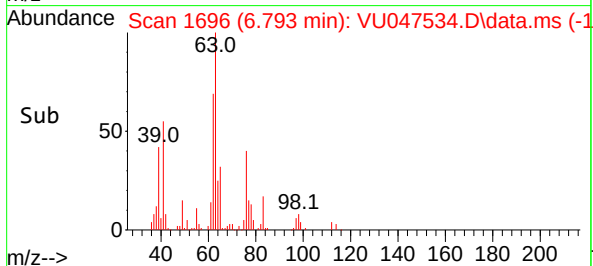
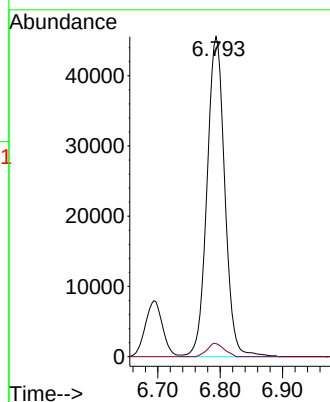
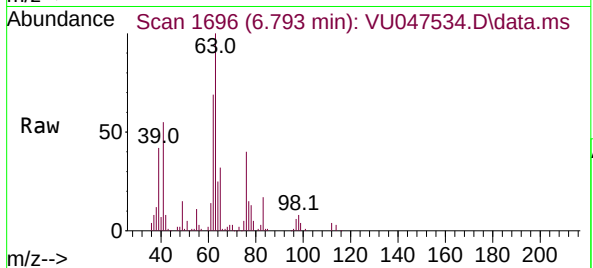
VSTD010022

Tgt Ion: 63 Resp: 90191

Ion Ratio Lower Upper

63 100

112 4.0 3.4 5.0



#38

Bromodichloromethane

Concen: 10.115 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047534.D

Acq: 14 Mar 2022 14:34

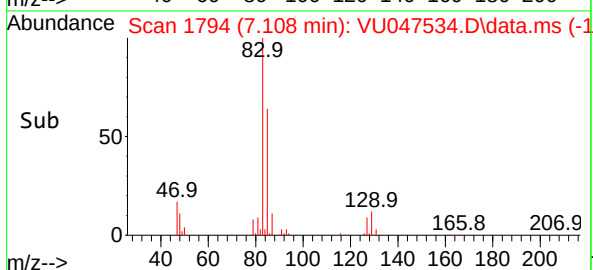
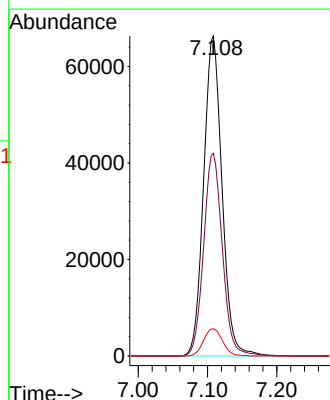
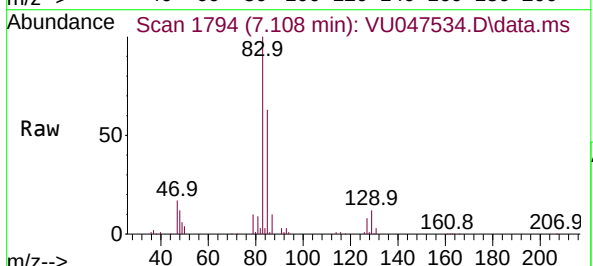
Tgt Ion: 83 Resp: 122085

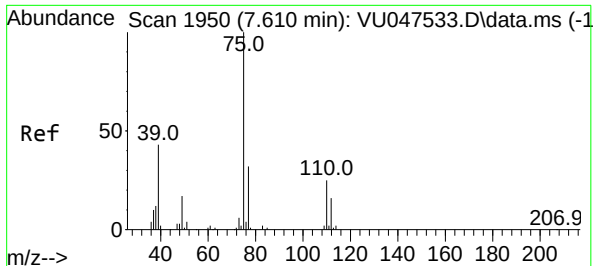
Ion Ratio Lower Upper

83 100

85 63.4 44.2 82.0

127 8.5 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 10.400 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047534.D

Acq: 14 Mar 2022 14:34

Instrument :

MSVOA_U

ClientSampleId :

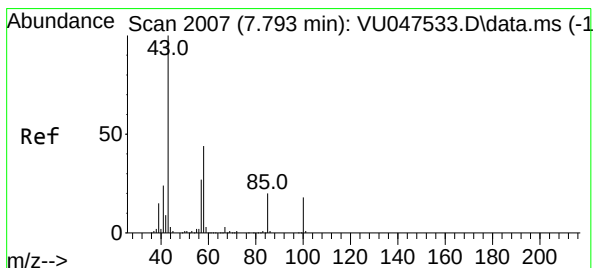
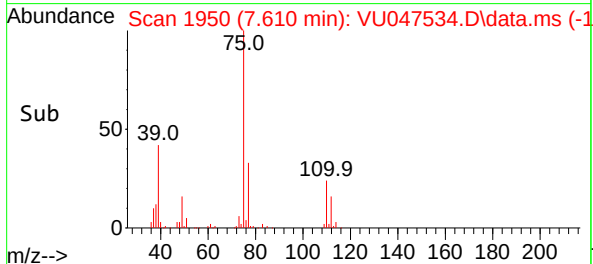
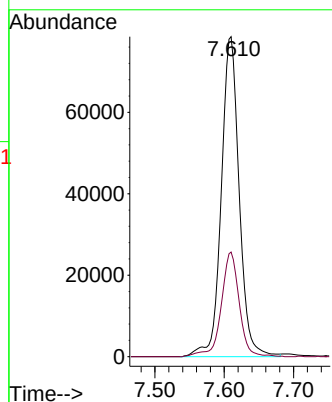
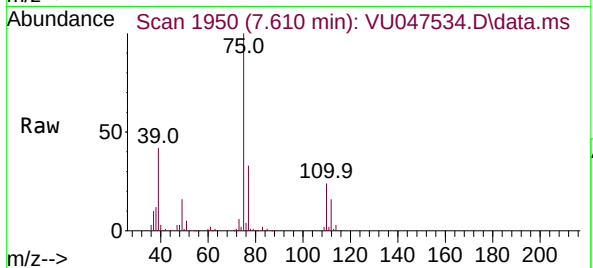
VSTD010022

Tgt Ion: 75 Resp: 141669

Ion Ratio Lower Upper

75 100

77 32.7 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 104.137 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU047534.D

Acq: 14 Mar 2022 14:34

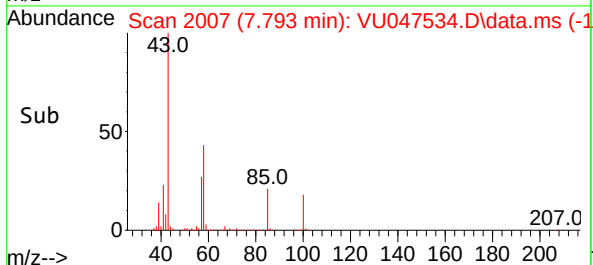
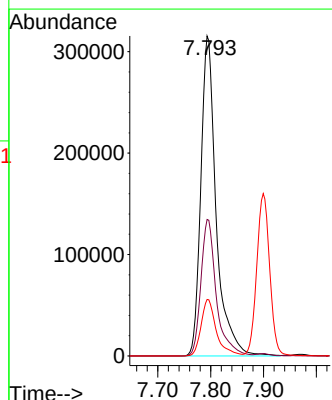
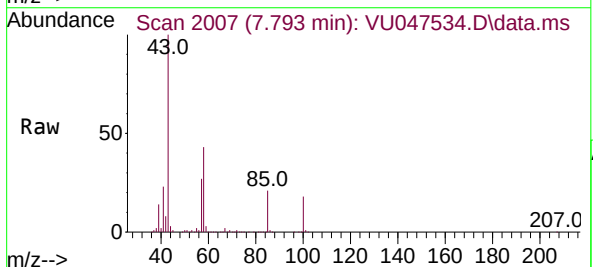
Tgt Ion: 43 Resp: 636278

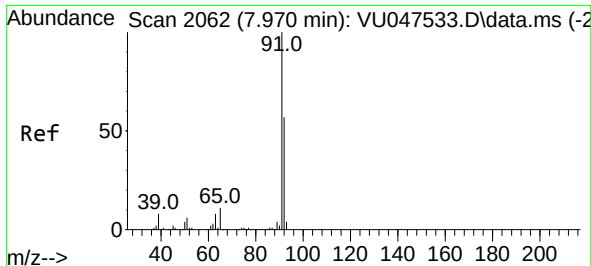
Ion Ratio Lower Upper

43 100

58 42.8 34.5 51.7

100 17.6 13.8 20.6





#42

Toluene

Concen: 10.396 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047534.D

Acq: 14 Mar 2022 14:34

Instrument :

MSVOA_U

ClientSampleId :

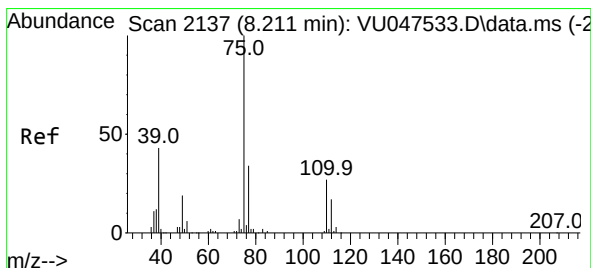
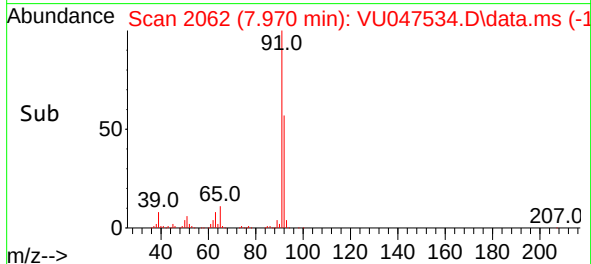
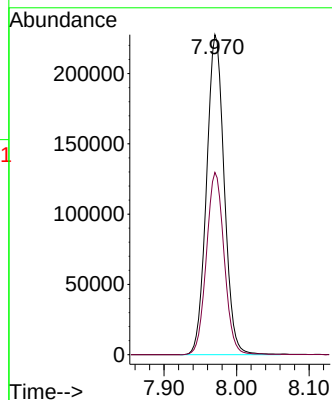
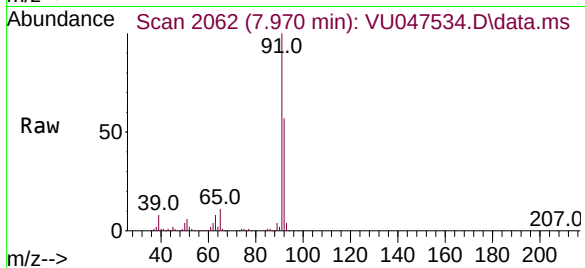
VSTD010022

Tgt Ion: 91 Resp: 385488

Ion Ratio Lower Upper

91 100

92 56.9 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 10.510 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047534.D

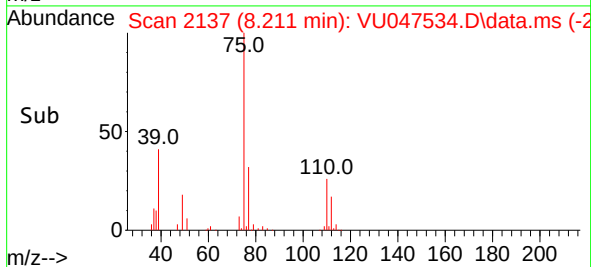
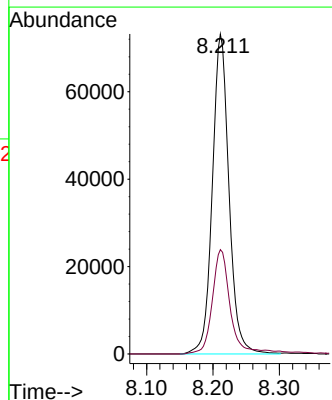
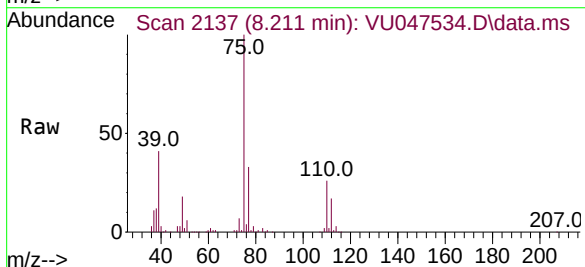
Acq: 14 Mar 2022 14:34

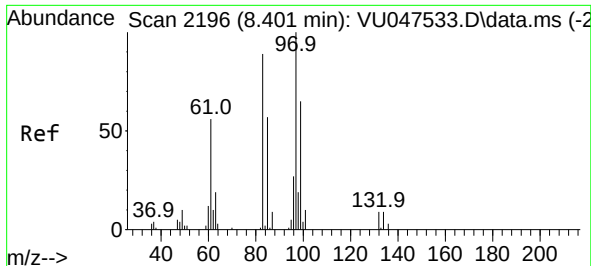
Tgt Ion: 75 Resp: 127705

Ion Ratio Lower Upper

75 100

77 32.6 23.4 43.6

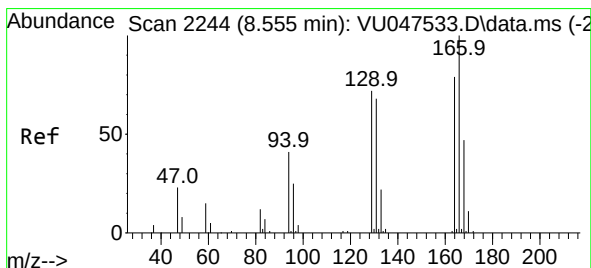
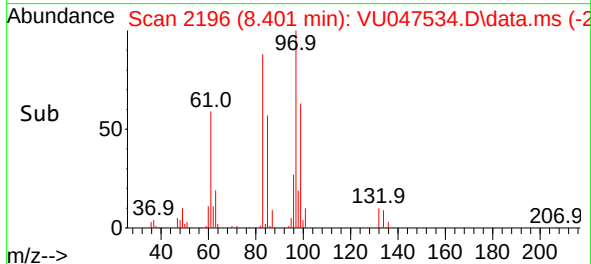
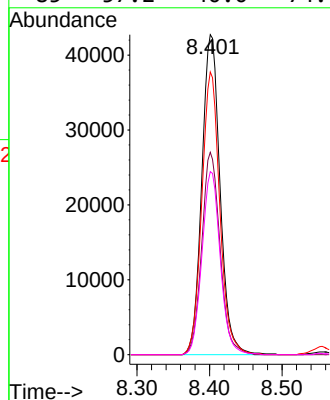
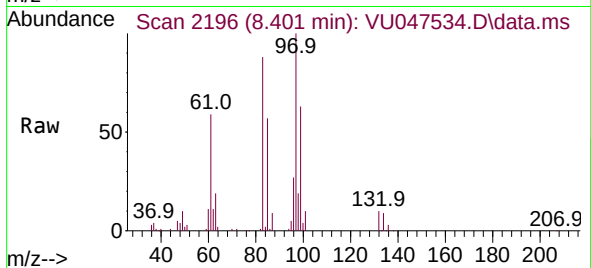




#45
1,1,2-Trichloroethane
Concen: 9.964 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU047534.D
Acq: 14 Mar 2022 14:34

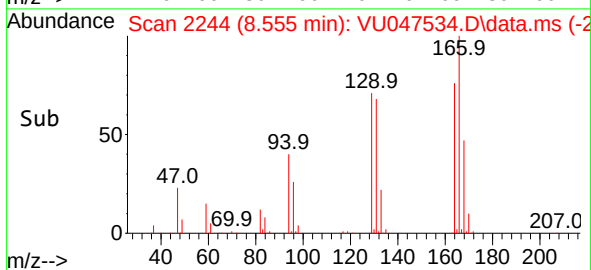
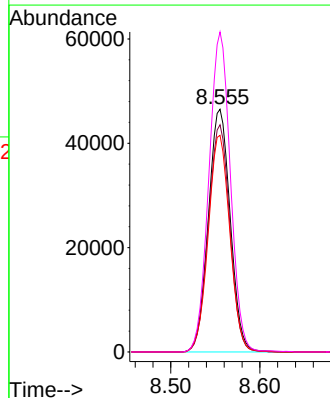
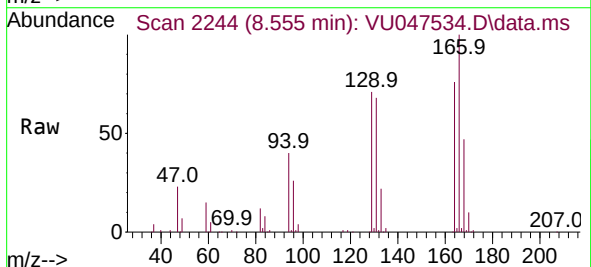
Instrument :
MSVOA_U
ClientSampleId :
VSTD010022

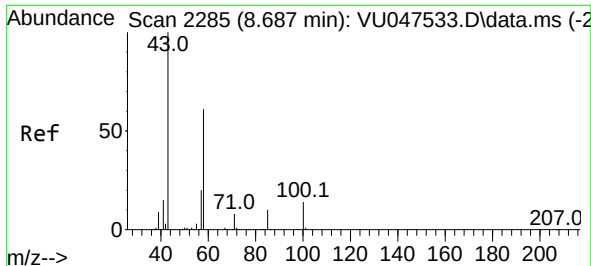
Tgt Ion:	97	Resp:	74874
Ion	Ratio	Lower	Upper
97	100		
99	63.3	45.3	84.1
83	88.4	62.2	115.6
85	57.2	40.0	74.4



#47
Tetrachloroethene
Concen: 10.284 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047534.D
Acq: 14 Mar 2022 14:34

Tgt Ion:	164	Resp:	79510
Ion	Ratio	Lower	Upper
164	100		
129	93.6	63.5	117.9
131	89.3	60.5	112.5
166	131.9	88.5	164.3



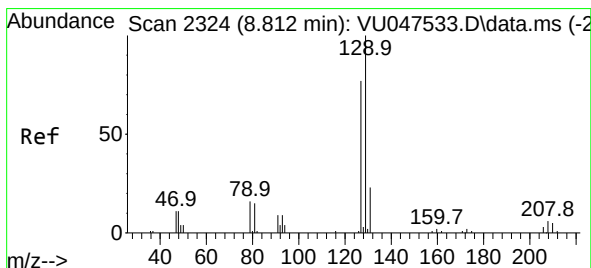
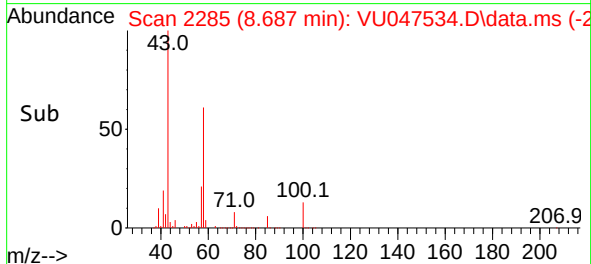
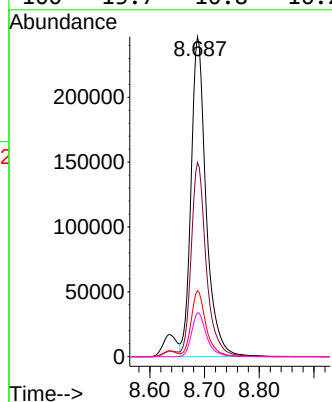
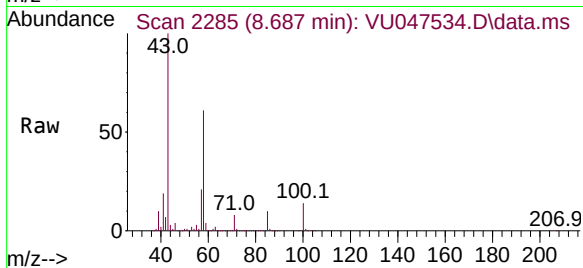


#48
2-Hexanone
Concen: 101.311 ug/L
RT: 8.687 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VU047534.D
Acq: 14 Mar 2022 14:34

Instrument :
MSVOA_U
ClientSampleId :
VSTD010022

Tgt Ion: 43 Resp: 471106

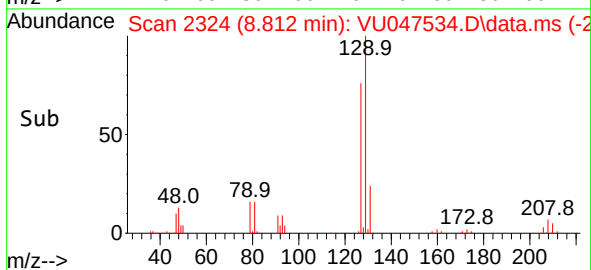
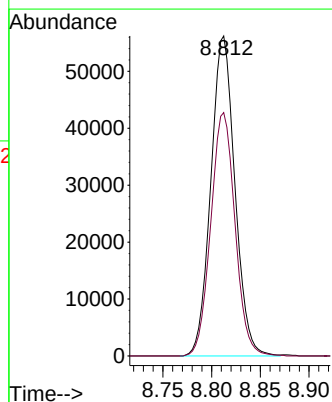
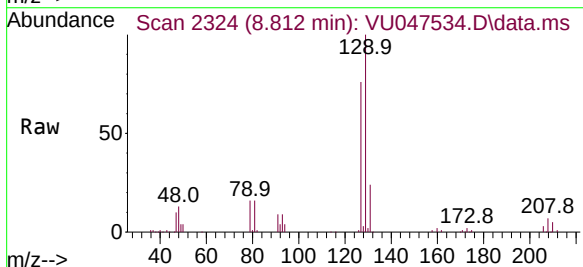
Ion	Ratio	Lower	Upper
43	100		
58	60.3	47.5	71.3
57	20.5	16.0	24.0
100	13.7	10.8	16.2

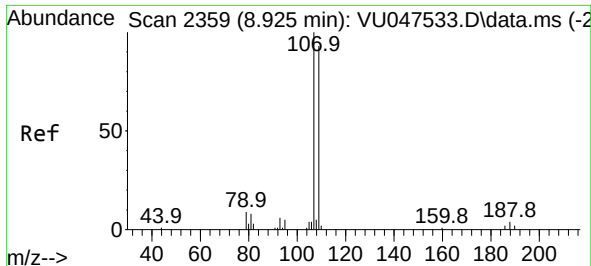


#49
Dibromochloromethane
Concen: 10.423 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047534.D
Acq: 14 Mar 2022 14:34

Tgt Ion: 129 Resp: 96487

Ion	Ratio	Lower	Upper
129	100		
127	76.1	53.6	99.6

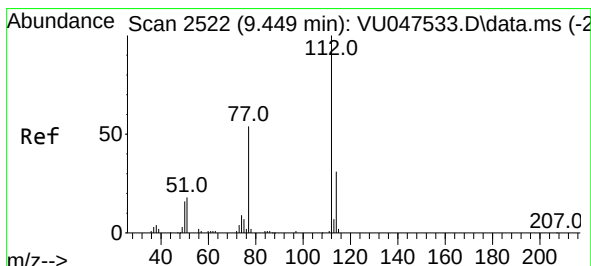
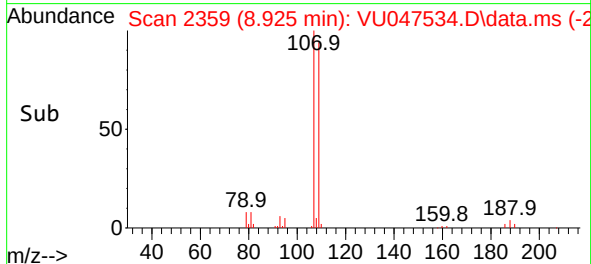
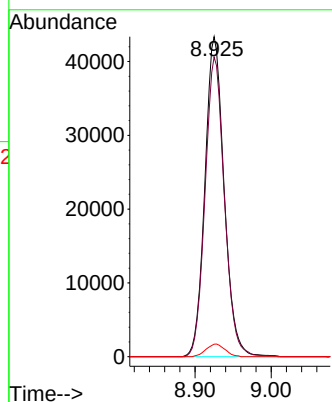
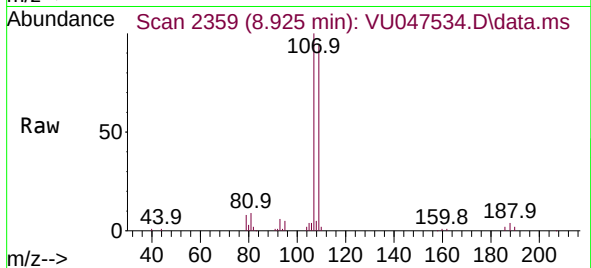




#50
1,2-Dibromoethane
Concen: 10.249 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047534.D
Acq: 14 Mar 2022 14:34

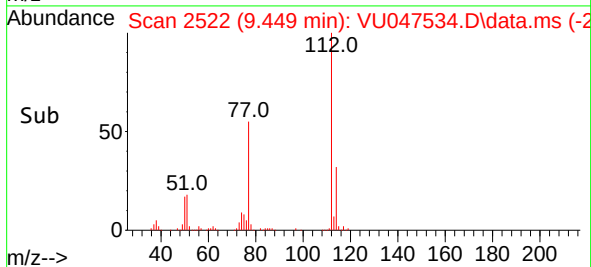
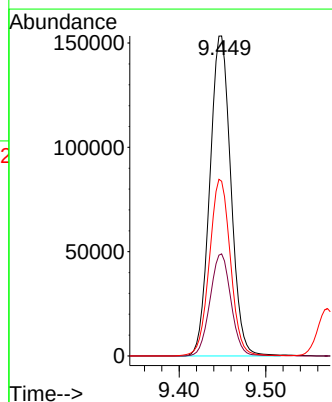
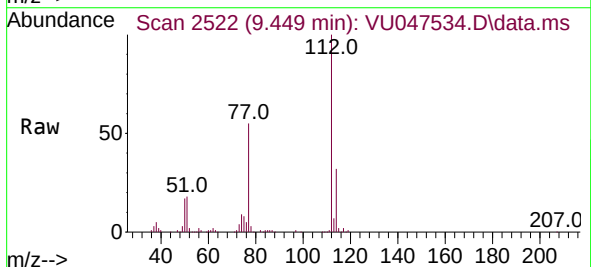
Instrument :
MSVOA_U
ClientSampleId :
VSTD010022

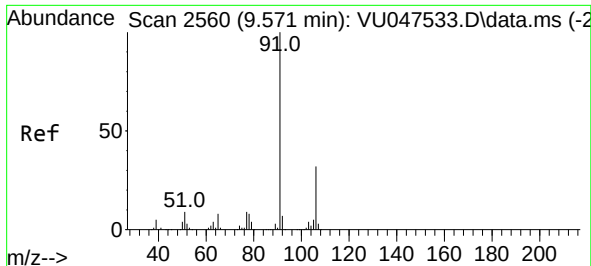
Tgt Ion:107 Resp: 76157
Ion Ratio Lower Upper
107 100
109 93.7 65.3 121.3
188 3.9 3.2 4.8



#51
Chlorobenzene
Concen: 10.210 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047534.D
Acq: 14 Mar 2022 14:34

Tgt Ion:112 Resp: 258581
Ion Ratio Lower Upper
112 100
114 31.9 22.0 40.8
77 54.6 43.7 65.5

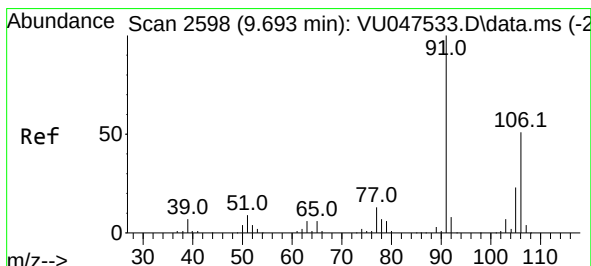
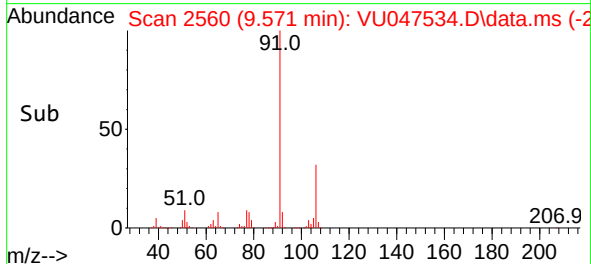
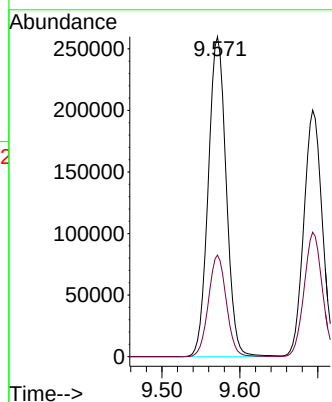
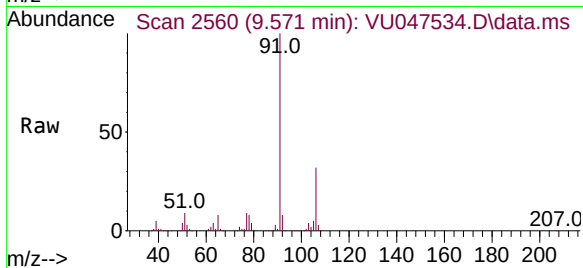




#52
Ethylbenzene
Concen: 10.591 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047534.D
Acq: 14 Mar 2022 14:34

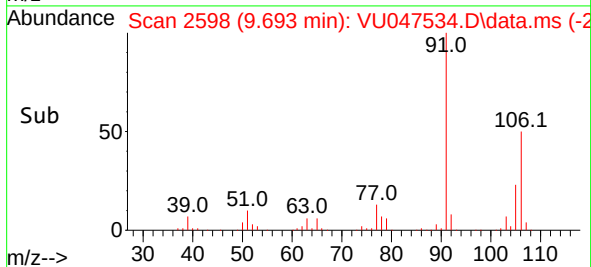
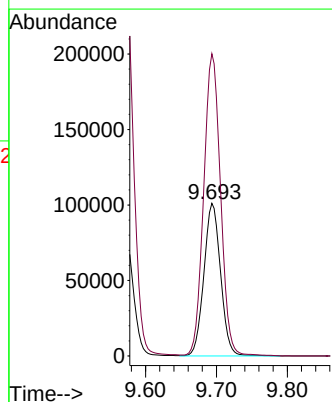
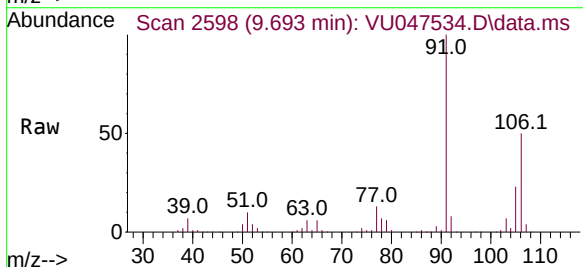
Instrument :
MSVOA_U
ClientSampleId :
VSTD010022

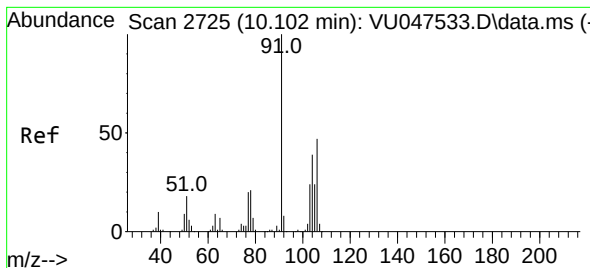
Tgt Ion: 91 Resp: 415941
Ion Ratio Lower Upper
91 100
106 31.8 22.2 41.2



#53
m,p-Xylene
Concen: 10.877 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU047534.D
Acq: 14 Mar 2022 14:34

Tgt Ion: 106 Resp: 165154
Ion Ratio Lower Upper
106 100
91 198.1 136.6 253.8





#54

o-Xylene

Concen: 10.749 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. 0.000 min

Lab File: VU047534.D

Acq: 14 Mar 2022 14:34

Instrument :

MSVOA_U

ClientSampleId :

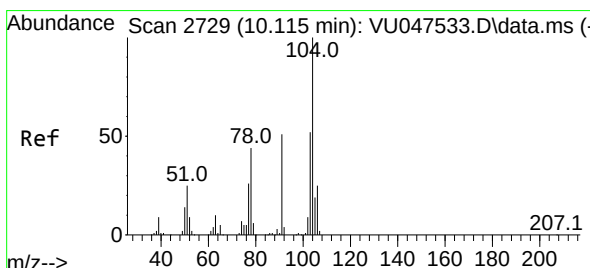
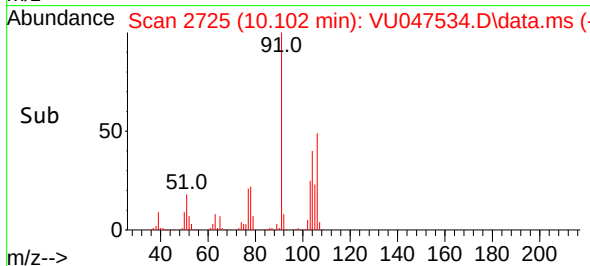
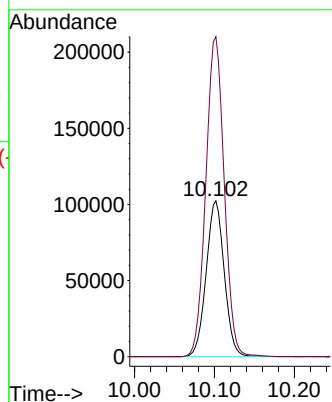
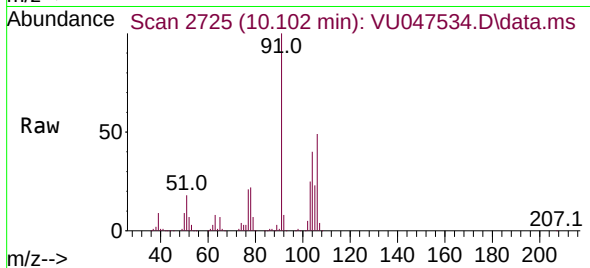
VSTD010022

Tgt Ion:106 Resp: 161234

Ion Ratio Lower Upper

106 100

91 205.4 148.5 275.9



#55

Styrene

Concen: 10.917 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU047534.D

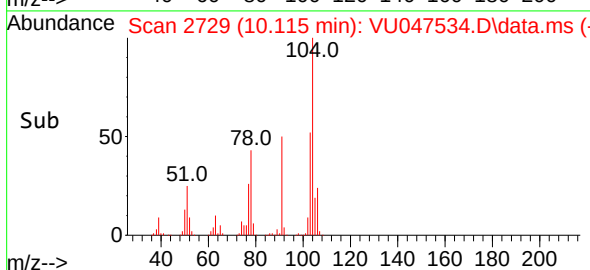
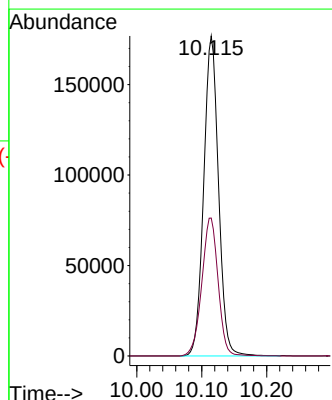
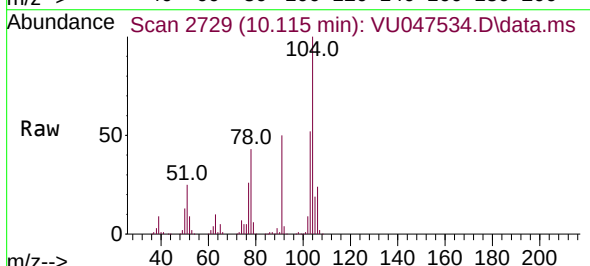
Acq: 14 Mar 2022 14:34

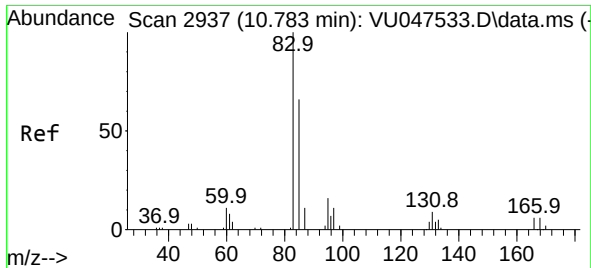
Tgt Ion:104 Resp: 281251

Ion Ratio Lower Upper

104 100

78 43.1 31.0 57.6

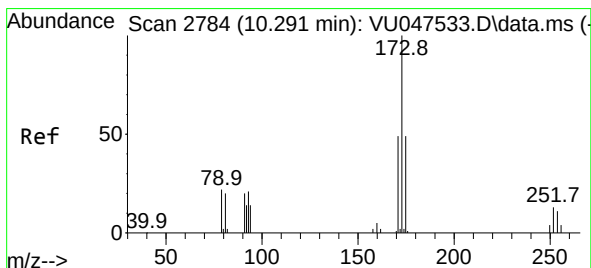
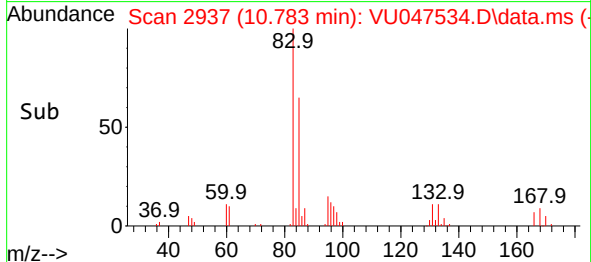
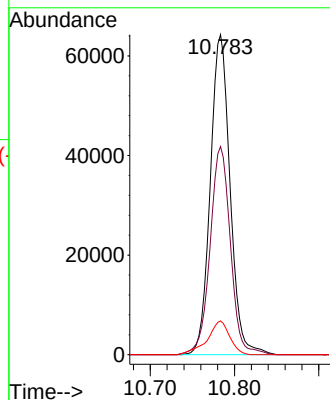
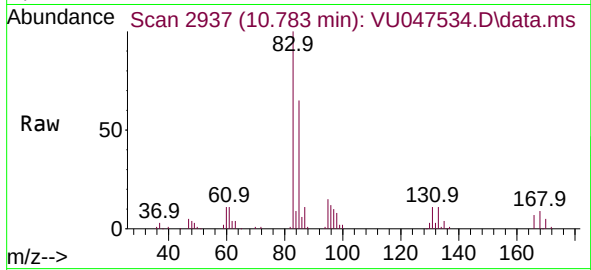




#57
1,1,2,2-Tetrachloroethane
Concen: 10.403 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047534.D
Acq: 14 Mar 2022 14:34

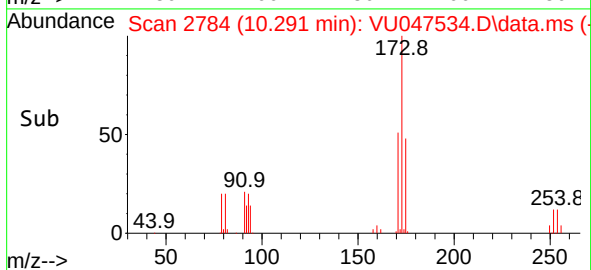
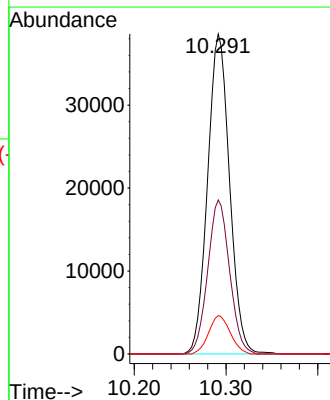
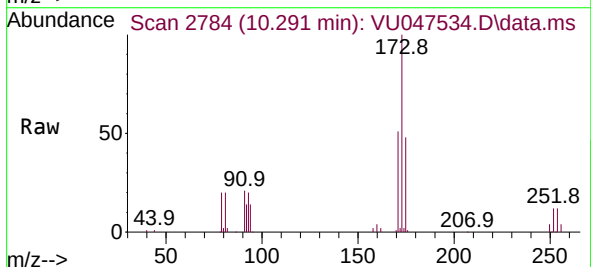
Instrument :
MSVOA_U
ClientSampleId :
VSTD010022

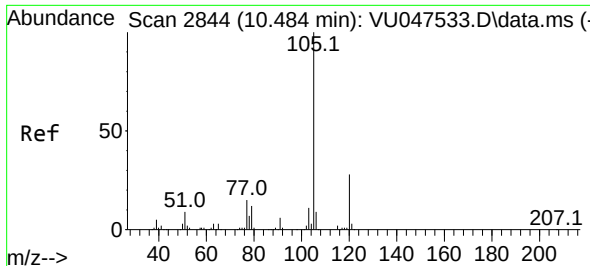
Tgt Ion: 83 Resp: 104811
Ion Ratio Lower Upper
83 100
85 65.1 46.7 86.7
131 10.5 8.0 12.0



#59
Bromoform
Concen: 10.282 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU047534.D
Acq: 14 Mar 2022 14:34

Tgt Ion:173 Resp: 64091
Ion Ratio Lower Upper
173 100
175 47.8 39.7 59.5
254 11.8 9.0 13.6

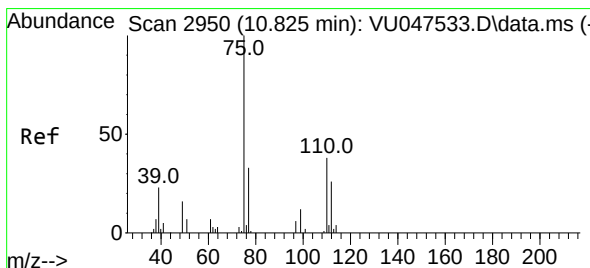
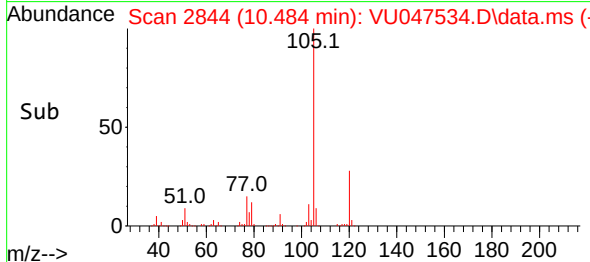
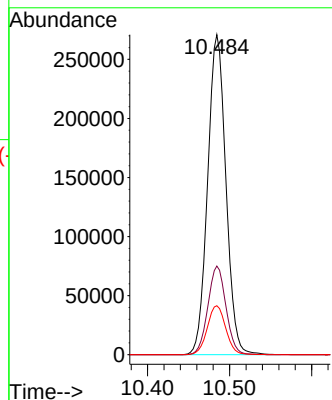
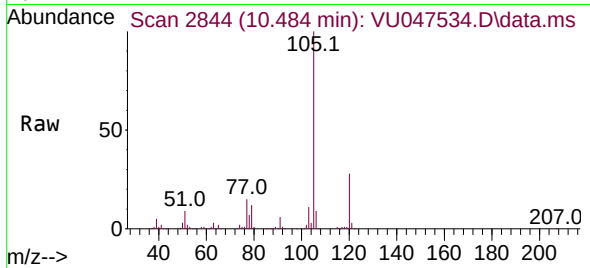




#60
Isopropylbenzene
Concen: 10.519 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU047534.D
Acq: 14 Mar 2022 14:34

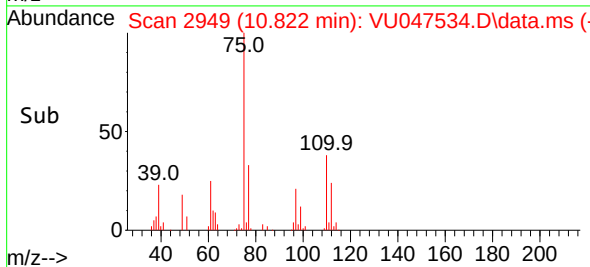
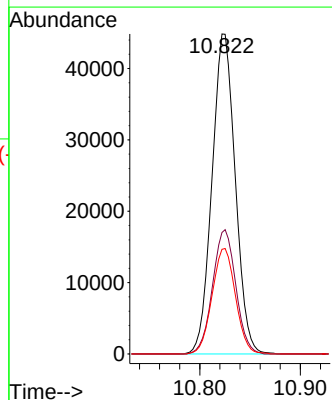
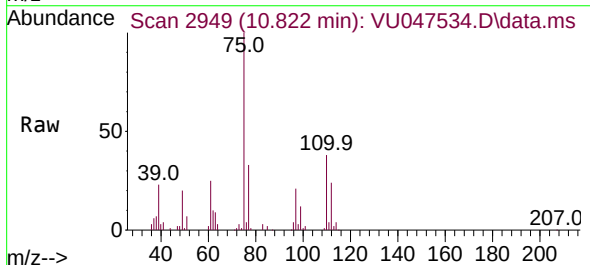
Instrument :
MSVOA_U
ClientSampleId :
VSTD010022

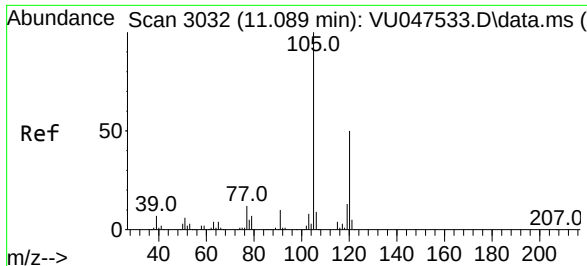
Tgt Ion:105 Resp: 419877
Ion Ratio Lower Upper
105 100
120 27.5 22.2 33.4
77 15.5 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 9.728 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU047534.D
Acq: 14 Mar 2022 14:34

Tgt Ion: 75 Resp: 72092
Ion Ratio Lower Upper
75 100
110 38.8 30.2 45.4
77 33.2 26.6 39.8

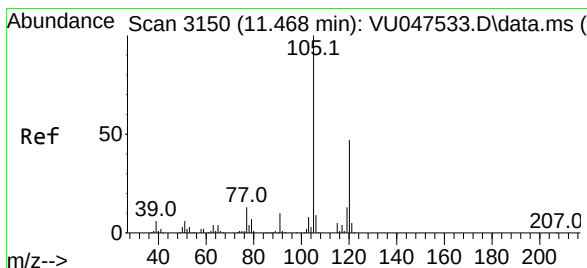
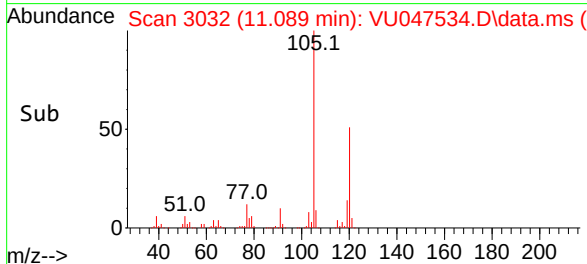
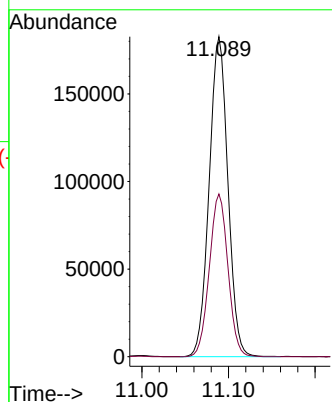
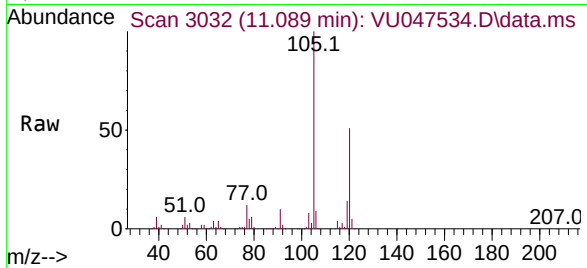




#62
 1,3,5-Trimethylbenzene
 Concen: 10.752 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU047534.D
 Acq: 14 Mar 2022 14:34

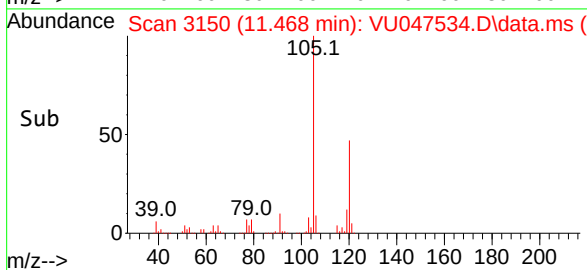
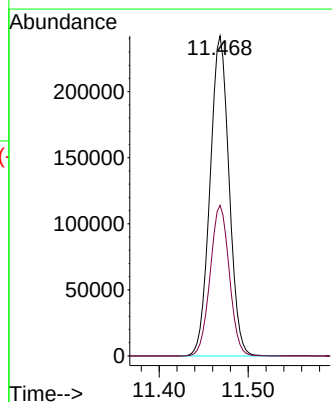
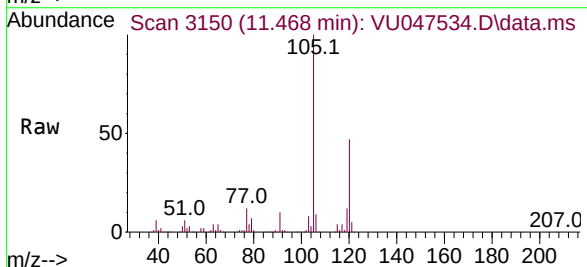
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010022

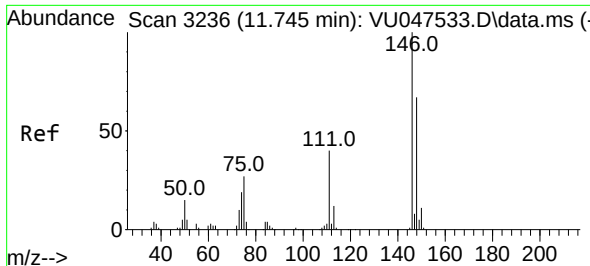
Tgt Ion:105 Resp: 274022
 Ion Ratio Lower Upper
 105 100
 120 50.6 40.2 60.4



#63
 1,2,4-Trimethylbenzene
 Concen: 10.866 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU047534.D
 Acq: 14 Mar 2022 14:34

Tgt Ion:105 Resp: 359487
 Ion Ratio Lower Upper
 105 100
 120 47.2 38.2 57.4

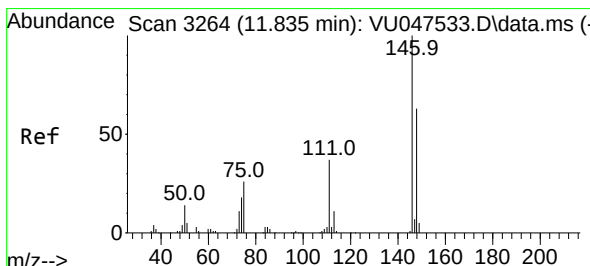
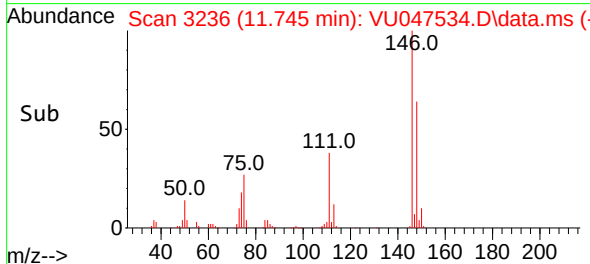
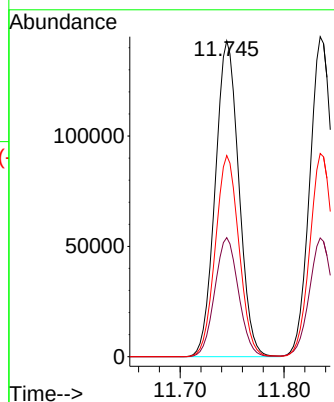
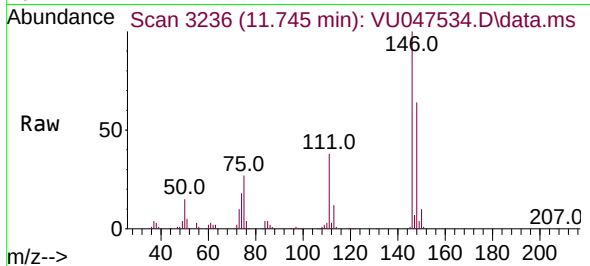




#64
1,3-Dichlorobenzene
Concen: 10.162 ug/L
RT: 11.745 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU047534.D
Acq: 14 Mar 2022 14:34

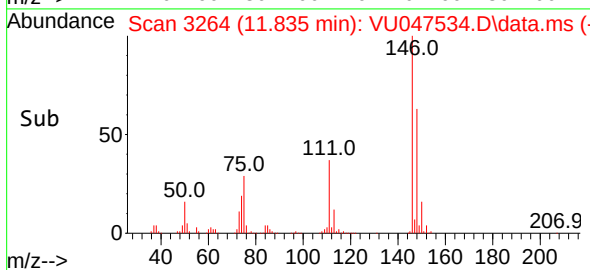
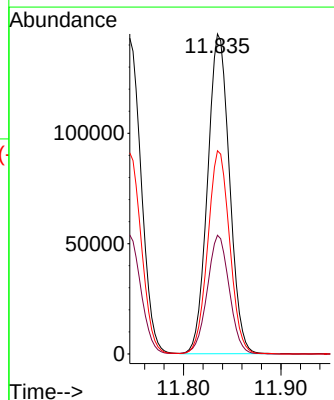
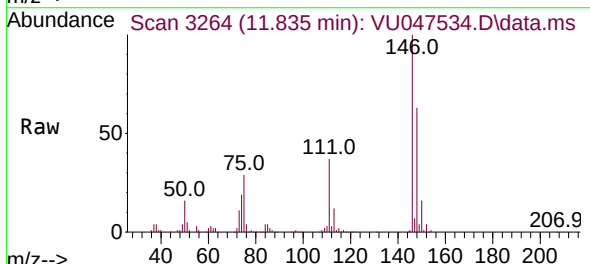
Instrument :
MSVOA_U
ClientSampleId :
VSTD010022

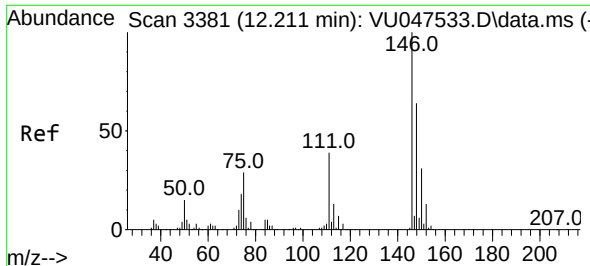
Tgt Ion:146 Resp: 226231
Ion Ratio Lower Upper
146 100
111 37.7 27.7 51.5
148 63.7 46.5 86.5



#65
1,4-Dichlorobenzene
Concen: 9.958 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU047534.D
Acq: 14 Mar 2022 14:34

Tgt Ion:146 Resp: 226456
Ion Ratio Lower Upper
146 100
111 37.1 26.2 48.8
148 63.5 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 9.912 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU047534.D

Acq: 14 Mar 2022 14:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD010022

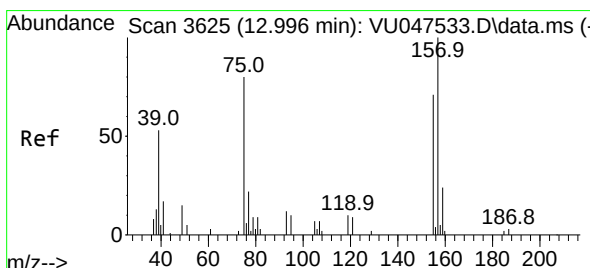
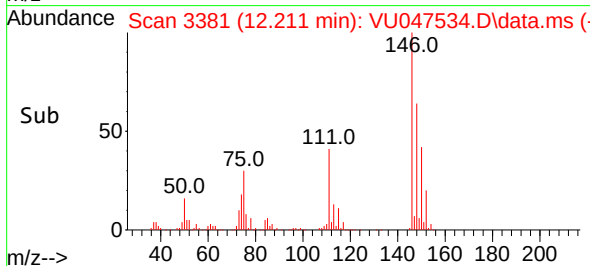
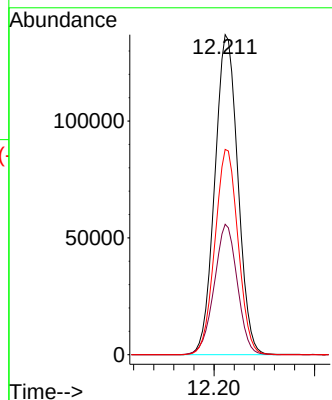
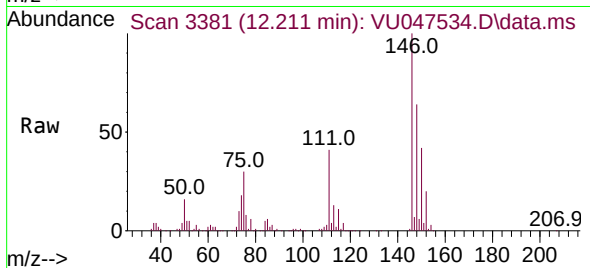
Tgt Ion:146 Resp: 218186

Ion Ratio Lower Upper

146 100

111 40.8 31.4 47.0

148 64.1 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 9.581 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU047534.D

Acq: 14 Mar 2022 14:34

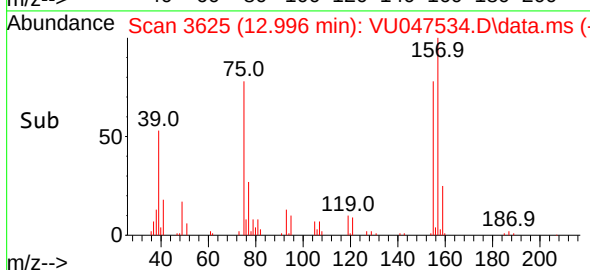
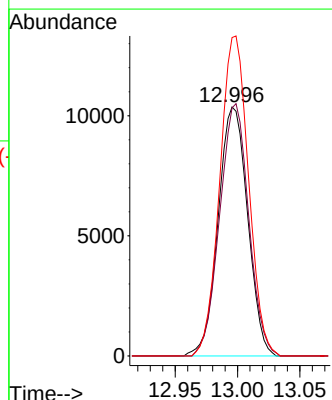
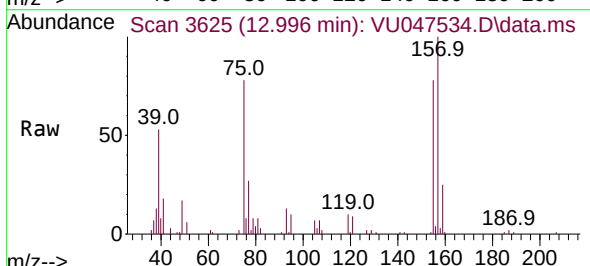
Tgt Ion: 75 Resp: 17034

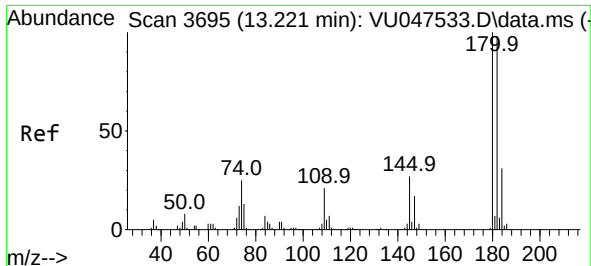
Ion Ratio Lower Upper

75 100

155 99.6 70.8 106.2

157 127.9 99.4 149.2

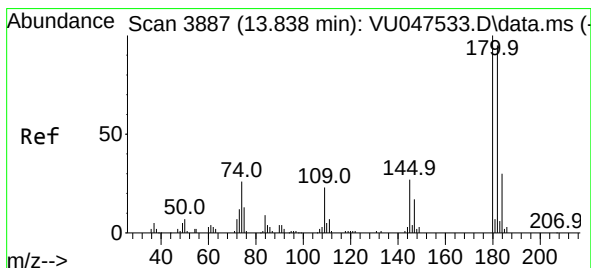
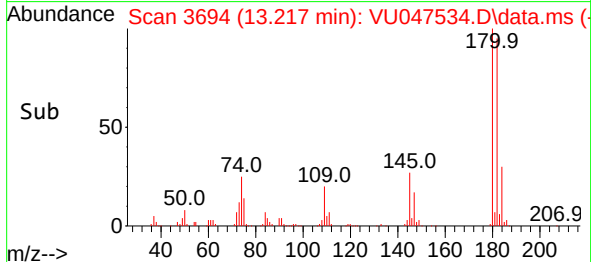
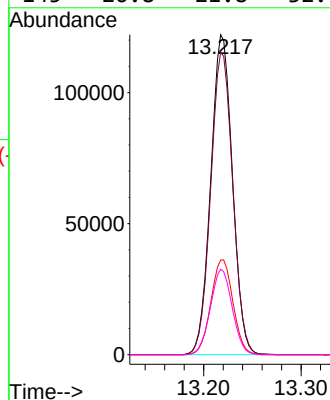
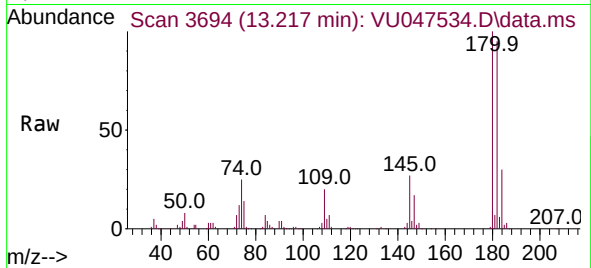




#69
 1,3,5-Trichlorobenzene
 Concen: 10.030 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU047534.D
 Acq: 14 Mar 2022 14:34

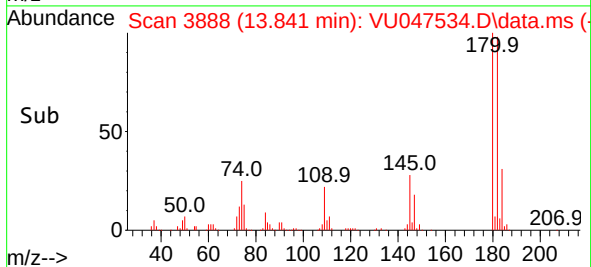
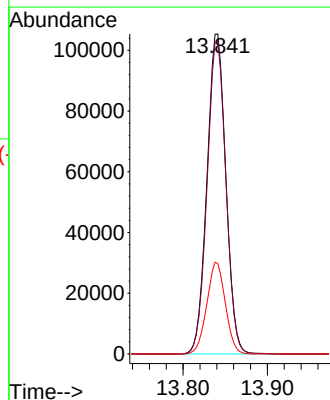
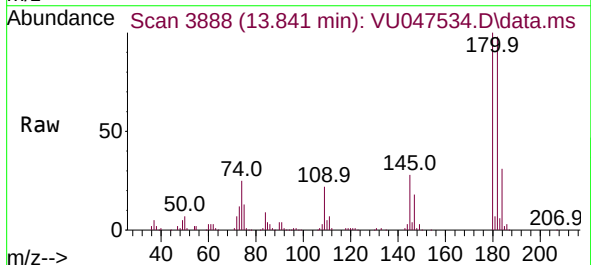
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010022

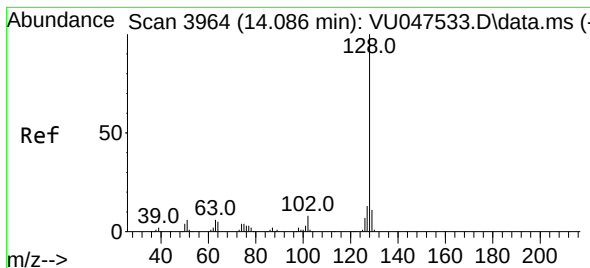
Tgt Ion:180 Resp: 188768
 Ion Ratio Lower Upper
 180 100
 182 95.8 77.3 115.9
 184 30.2 24.3 36.5
 145 26.8 21.8 32.6



#70
 1,2,4-trichlorobenzene
 Concen: 9.962 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU047534.D
 Acq: 14 Mar 2022 14:34

Tgt Ion:180 Resp: 164925
 Ion Ratio Lower Upper
 180 100
 182 97.0 76.6 114.8
 145 28.0 22.5 33.7





#71

Naphthalene

Concen: 9.766 ug/L

RT: 14.086 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU047534.D

Acq: 14 Mar 2022 14:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD010022

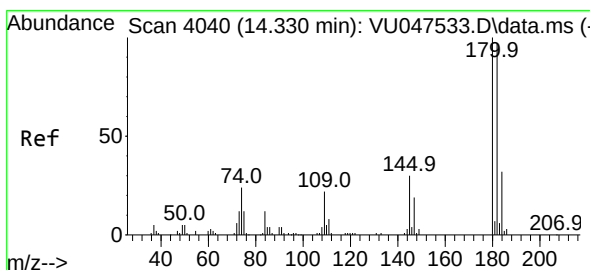
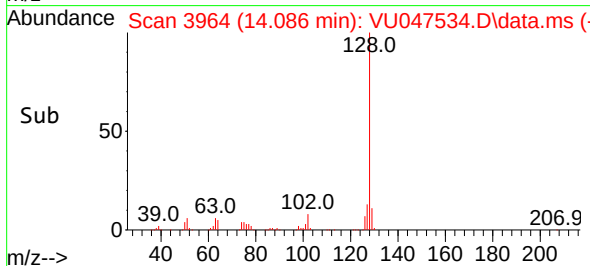
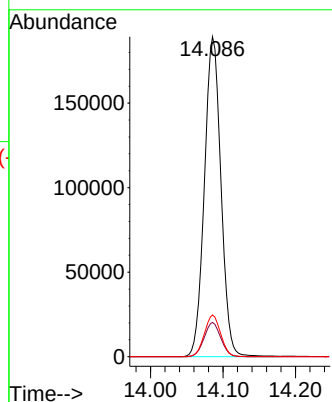
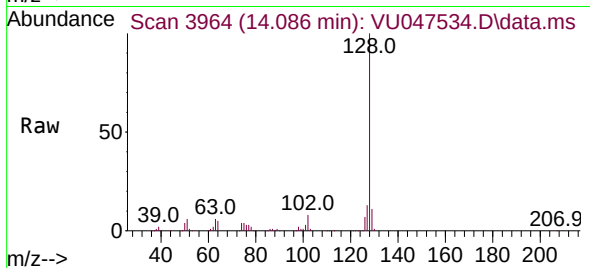
Tgt Ion:128 Resp: 300077

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

127 12.8 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 9.677 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU047534.D

Acq: 14 Mar 2022 14:34

Tgt Ion:180 Resp: 153729

Ion Ratio Lower Upper

180 100

182 96.3 77.8 116.8

145 30.0 23.7 35.5

