

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
 Data File : VU048043.D
 Acq On : 14 Apr 2022 09:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050081

Quant Time: Apr 15 02:16:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 14 06:53:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	323910	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	339919	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	205195	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	105836	45.058	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.120%
7) Chloroethane-d5	1.916	69	96133	51.905	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.820%
11) 1,1-Dichloroethene-d2	2.572	63	197533	45.965	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.920%
21) 2-Butanone-d5	4.620	46	191100	94.787	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.790%
24) Chloroform-d	5.067	84	221654	51.573	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.140%
26) 1,2-Dichloroethane-d4	5.703	65	135823	51.527	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.060%
32) Benzene-d6	5.729	84	436638	51.049	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.100%
36) 1,2-Dichloropropane-d6	6.694	67	139711	53.187	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.380%
41) Toluene-d8	7.899	98	408022	48.962	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.920%
43) trans-1,3-Dichloroprop...	8.179	79	57391	43.126	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.260%
47) 2-Hexanone-d5	8.632	63	143416	93.265	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.260%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	225932	50.118	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.240%
66) 1,2-Dichlorobenzene-d4	12.195	152	173535	47.536	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.080%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	144565	48.141	ug/L	99
3) Chloromethane	1.523	50	142535	49.632	ug/L	98
5) Vinyl chloride	1.607	62	154368	52.704	ug/L	99
6) Bromomethane	1.858	94	70734	44.869	ug/L	98
8) Chloroethane	1.935	64	95106	51.725	ug/L	97
9) Trichlorofluoromethane	2.141	101	204976	49.628	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	123231	51.617	ug/L	98
12) 1,1-Dichloroethene	2.584	96	113543	51.102	ug/L	83
13) Acetone	2.623	43	130733	69.681	ug/L	99
14) Carbon disulfide	2.797	76	308889	43.981	ug/L	99
15) Methyl Acetate	2.948	43	152607	51.010	ug/L	98
16) Methylene chloride	3.051	84	146348	57.399	ug/L	99
17) trans-1,2-Dichloroethene	3.356	96	120405	50.241	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	360851	53.372	ug/L	99
19) 1,1-Dichloroethane	3.874	63	229405	55.503	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	140212	53.367	ug/L	98
22) 2-Butanone	4.700	43	209983	86.884	ug/L	97
23) Bromochloromethane	4.977	128	79538	55.138	ug/L	98
25) Chloroform	5.092	83	246298	55.349	ug/L	97

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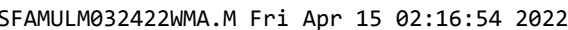
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050081

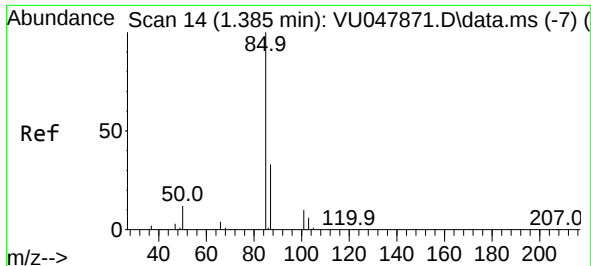
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 Quant Title : VOC Analysis
 QLast Update : Thu Apr 14 06:53:20 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	182636	53.124	ug/L	98
29) Cyclohexane	5.391	56	171597	49.749	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	200662	52.061	ug/L	99
31) Carbon tetrachloride	5.526	117	173256	49.780	ug/L	100
33) Benzene	5.777	78	534606	54.335	ug/L	100
34) Trichloroethene	6.546	95	134181	52.018	ug/L	98
35) Methylcyclohexane	6.764	83	183683	46.807	ug/L	97
37) 1,2-Dichloropropane	6.793	63	142056	56.794	ug/L	100
38) Bromodichloromethane	7.108	83	182840	53.232	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	185804	47.875	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	393530	99.548	ug/L	97
42) Toluene	7.970	91	580880	53.806	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	184070	47.502	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	146117	55.082	ug/L	99
46) Tetrachloroethene	8.555	164	115785	49.949	ug/L	98
48) 2-Hexanone	8.684	43	311845	91.707	ug/L	99
49) Dibromochloromethane	8.812	129	157896	51.391	ug/L	100
50) 1,2-Dibromoethane	8.925	107	155979	52.449	ug/L	99
51) Chlorobenzene	9.449	112	385829	52.635	ug/L	99
52) Ethylbenzene	9.571	91	591615	52.118	ug/L	99
53) m,p-Xylene	9.697	106	237635	53.353	ug/L	99
54) o-Xylene	10.102	106	230288	52.679	ug/L	98
55) Styrene	10.115	104	404601	54.210	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	259454	52.171	ug/L	99
59) Bromoform	10.291	173	128295	48.895	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	199287	51.518	ug/L	99
61) Isopropylbenzene	10.484	105	583872	52.650	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	297885	49.507	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	469920	51.415	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	314486	51.020	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	317826	49.780	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	318703	51.674	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	57205	46.167	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	236969	47.337	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	206928	47.192	ug/L	100
71) Naphthalene	14.089	128	604762	46.261	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	217607	49.505	ug/L	99

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

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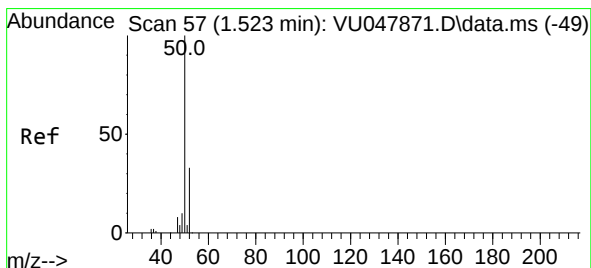
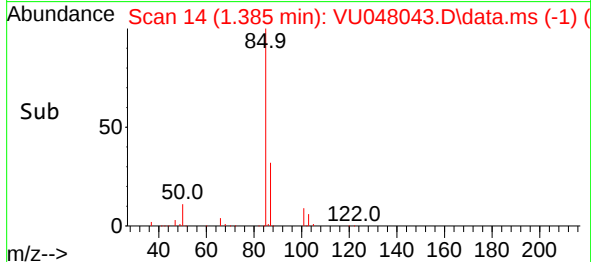
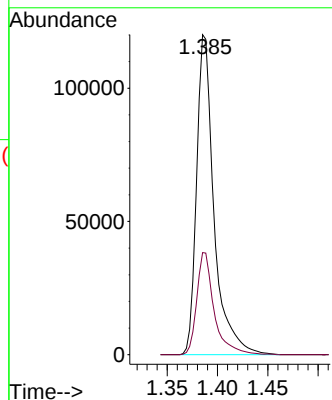
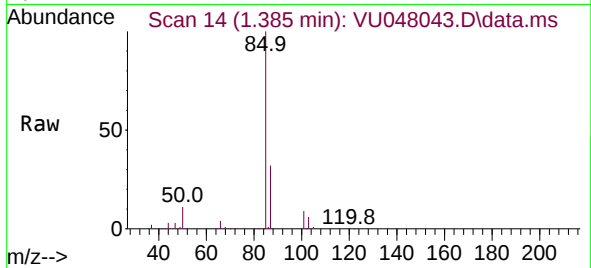




#2
Dichlorodifluoromethane
Concen: 48.141 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU048043.D
Acq: 14 Apr 2022 09:22

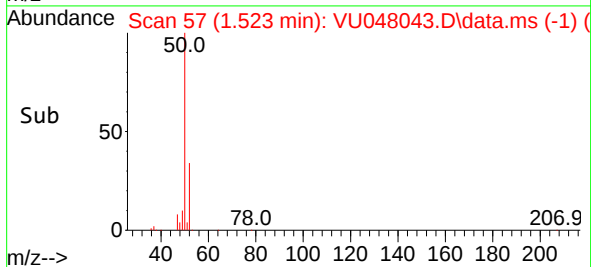
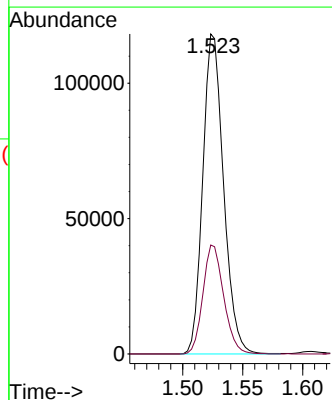
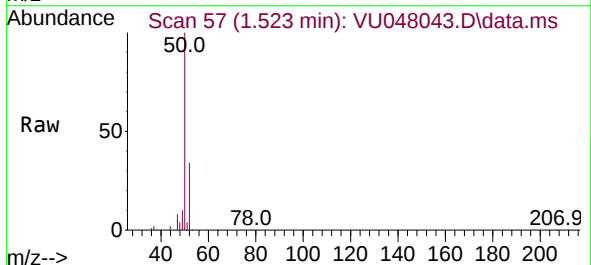
Instrument :
MSVOA_U
ClientSampleId :
VSTD050081

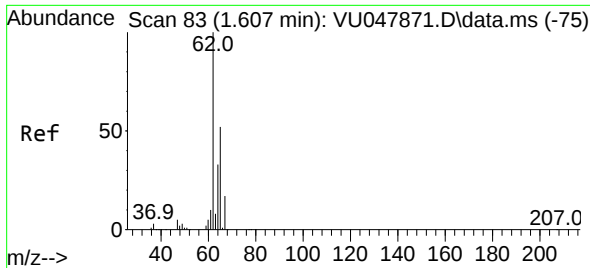
Tgt Ion: 85 Resp: 144565
Ion Ratio Lower Upper
85 100
87 31.8 25.8 38.8



#3
Chloromethane
Concen: 49.632 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU048043.D
Acq: 14 Apr 2022 09:22

Tgt Ion: 50 Resp: 142535
Ion Ratio Lower Upper
50 100
52 34.1 23.2 43.2

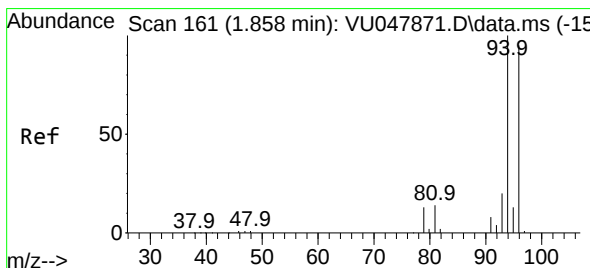
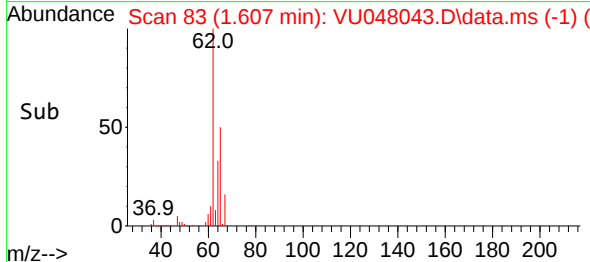
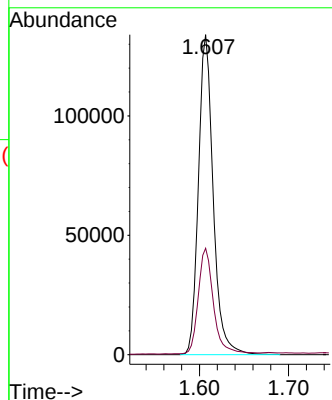
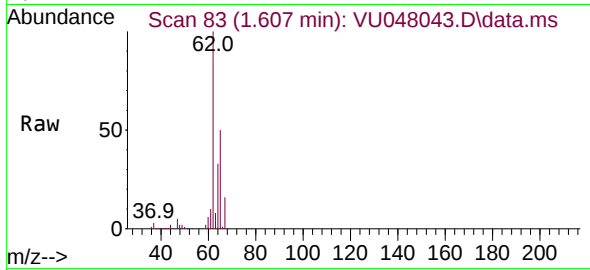




#5
 Vinyl chloride
 Concen: 52.704 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU048043.D
 Acq: 14 Apr 2022 09:22

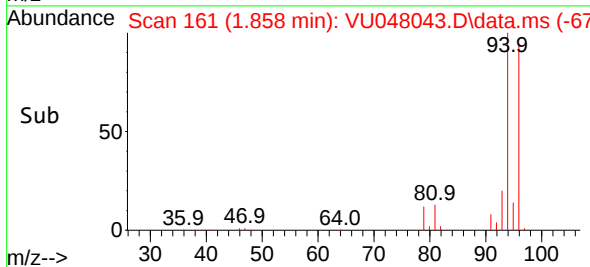
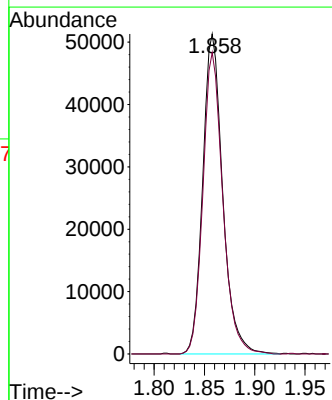
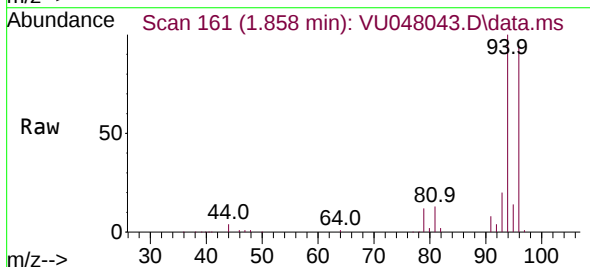
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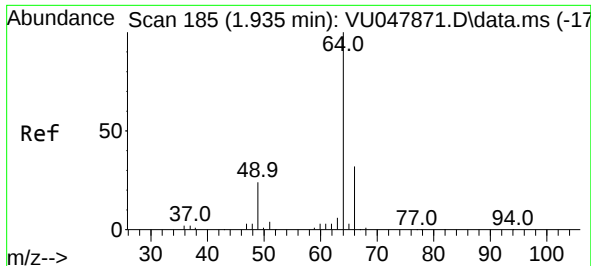
Tgt Ion: 62 Resp: 154368
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.7 43.9



#6
 Bromomethane
 Concen: 44.869 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.003 min
 Lab File: VU048043.D
 Acq: 14 Apr 2022 09:22

Tgt Ion: 94 Resp: 70734
 Ion Ratio Lower Upper
 94 100
 96 94.2 64.8 120.3

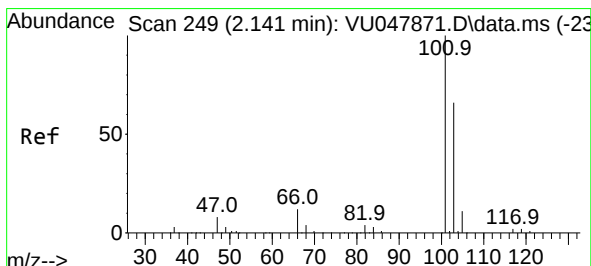
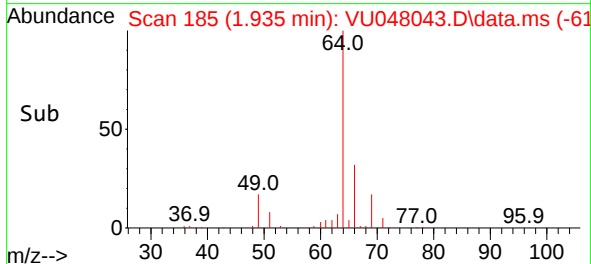
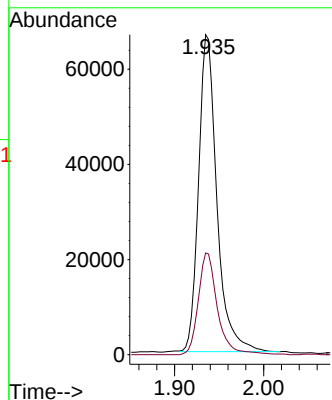
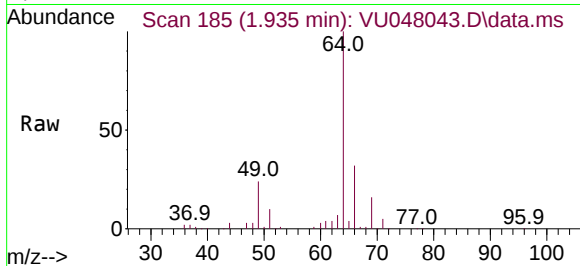




#8
Chloroethane
Concen: 51.725 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU048043.D
Acq: 14 Apr 2022 09:22

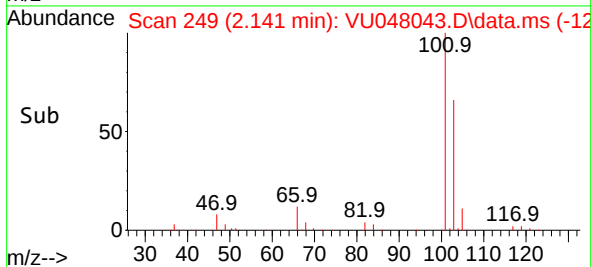
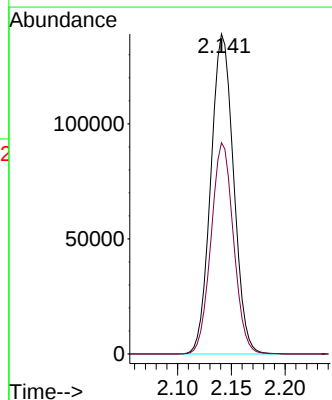
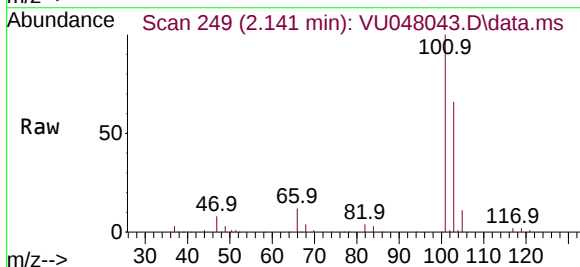
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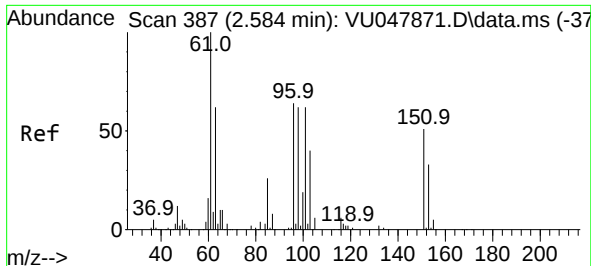
Tgt Ion: 64 Resp: 95106
Ion Ratio Lower Upper
64 100
66 31.8 23.3 43.3



#9
Trichlorofluoromethane
Concen: 49.628 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU048043.D
Acq: 14 Apr 2022 09:22

Tgt Ion:101 Resp: 204976
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2

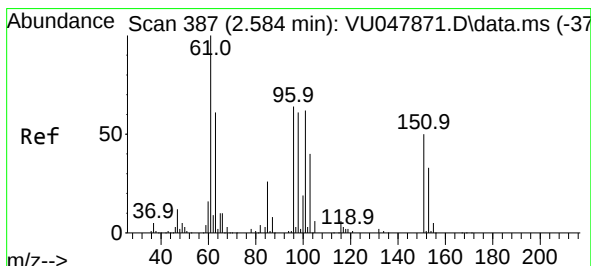
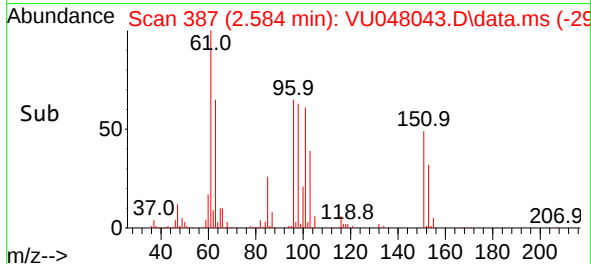
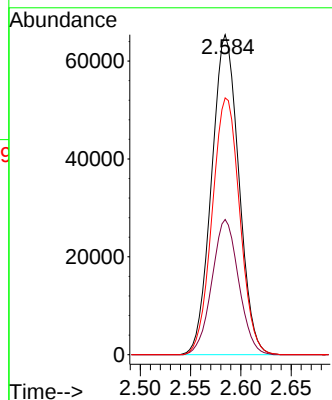
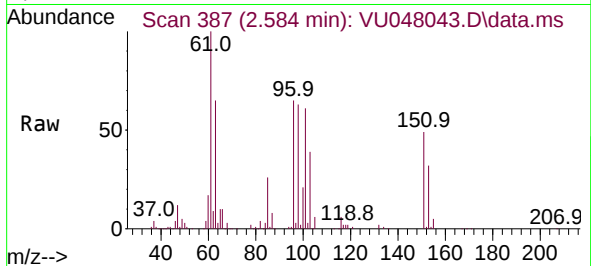




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 51.617 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU048043.D
Acq: 14 Apr 2022 09:22

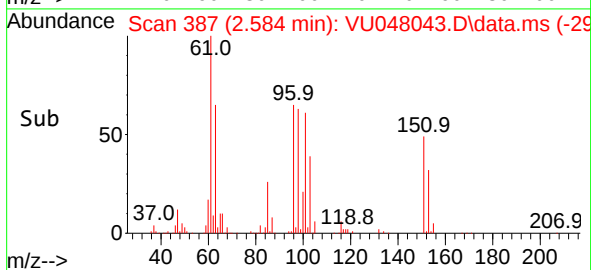
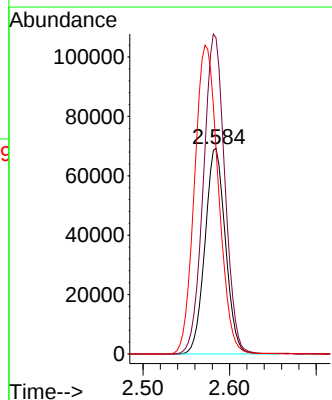
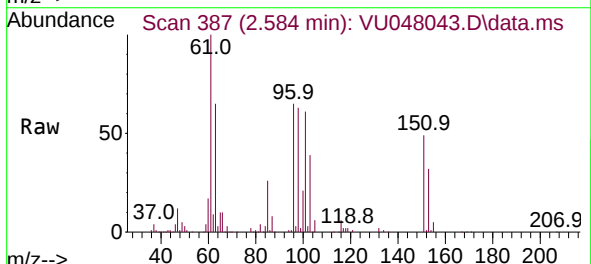
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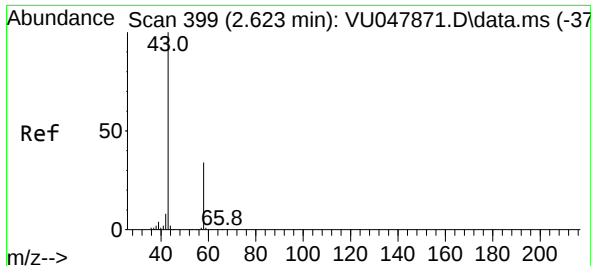
Tgt Ion:101 Resp: 123231
Ion Ratio Lower Upper
101 100
85 41.6 32.8 49.2
151 81.2 63.0 94.6



#12
1,1-Dichloroethene
Concen: 51.102 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.003 min
Lab File: VU048043.D
Acq: 14 Apr 2022 09:22

Tgt Ion: 96 Resp: 113543
Ion Ratio Lower Upper
96 100
61 153.7 113.1 210.1
63 99.5 94.8 176.0





#13

Acetone

Concen: 69.681 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU048043.D

Acq: 14 Apr 2022 09:22

Instrument :

MSVOA_U

ClientSampleId :

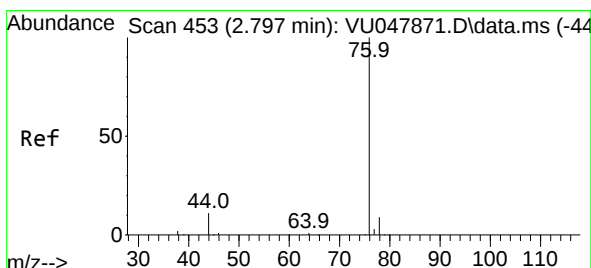
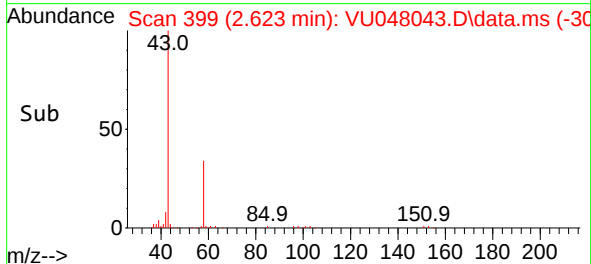
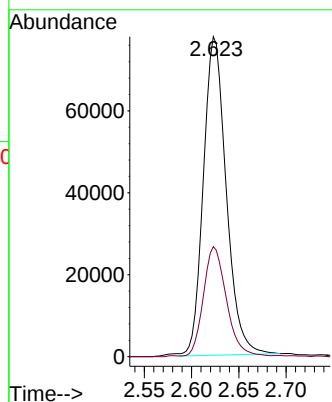
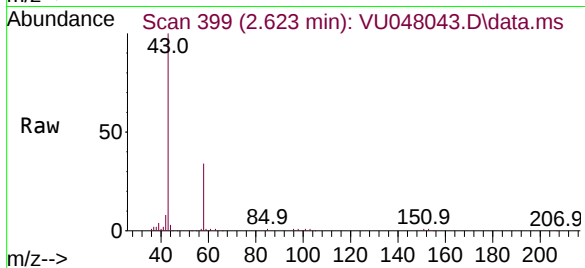
VSTD050081

Tgt Ion: 43 Resp: 130733

Ion Ratio Lower Upper

43 100

58 34.5 0.0 70.0



#14

Carbon disulfide

Concen: 43.981 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.000 min

Lab File: VU048043.D

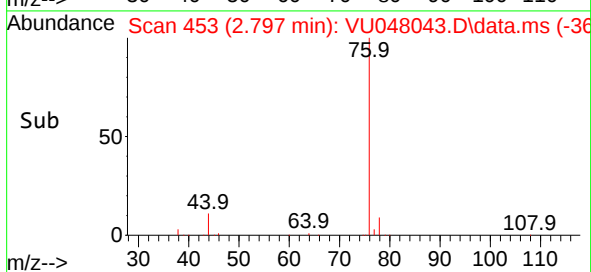
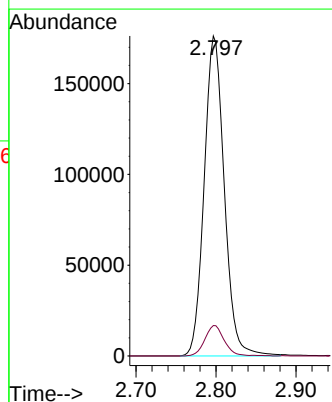
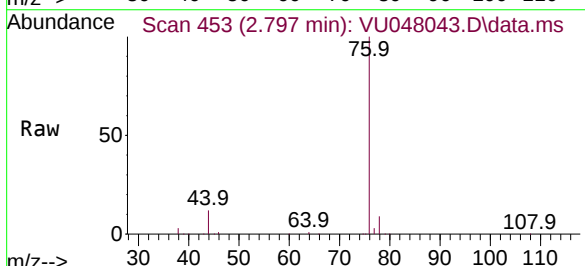
Acq: 14 Apr 2022 09:22

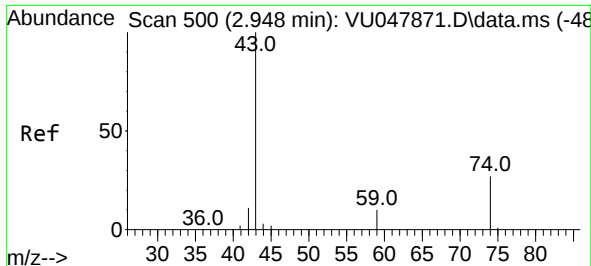
Tgt Ion: 76 Resp: 308889

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0

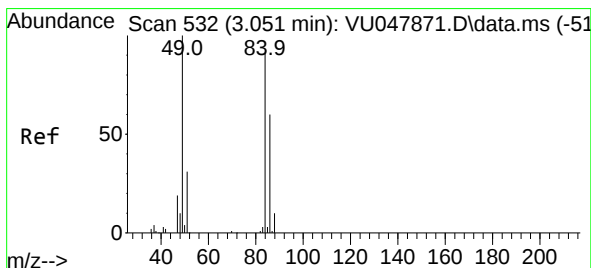
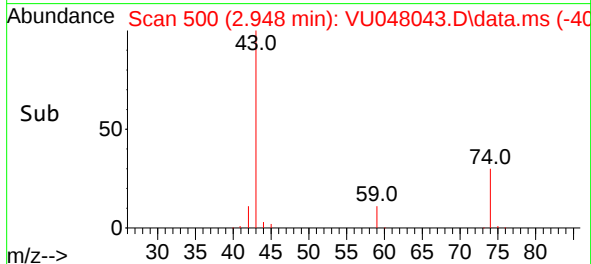
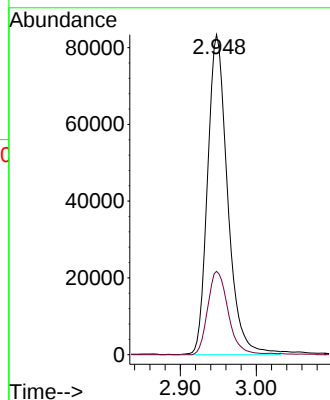
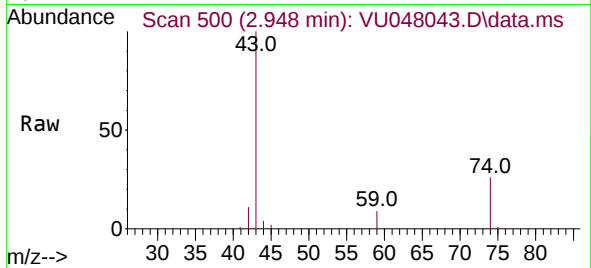




#15
Methyl Acetate
Concen: 51.010 ug/L
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU048043.D
Acq: 14 Apr 2022 09:22

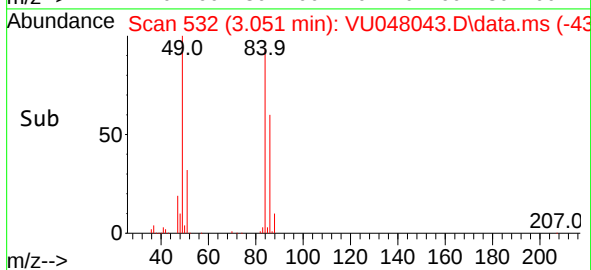
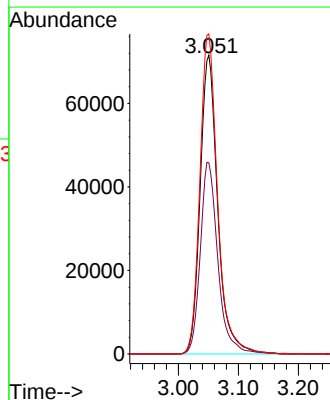
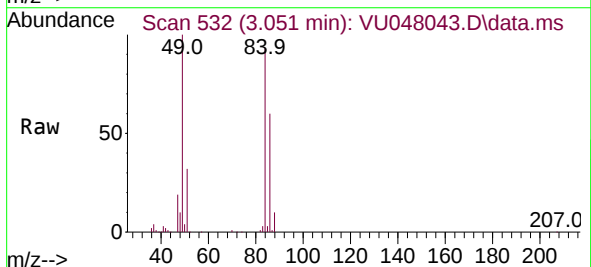
Instrument :
MSVOA_U
ClientSampleId :
VSTD050081

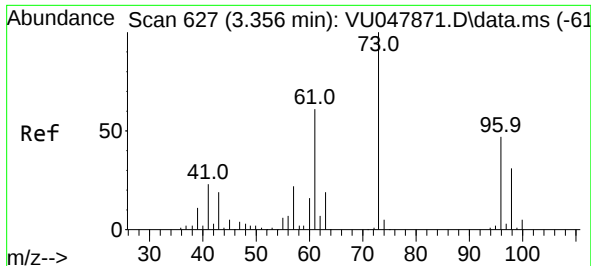
Tgt Ion: 43 Resp: 152607
Ion Ratio Lower Upper
43 100
74 26.5 22.2 33.2



#16
Methylene chloride
Concen: 57.399 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU048043.D
Acq: 14 Apr 2022 09:22

Tgt Ion: 84 Resp: 146348
Ion Ratio Lower Upper
84 100
86 64.0 46.0 85.4
49 107.1 75.3 139.8





#17

trans-1,2-Dichloroethene

Concen: 50.241 ug/L

RT: 3.356 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU048043.D

Acq: 14 Apr 2022 09:22

Instrument :

MSVOA_U

ClientSampleId :

VSTD050081

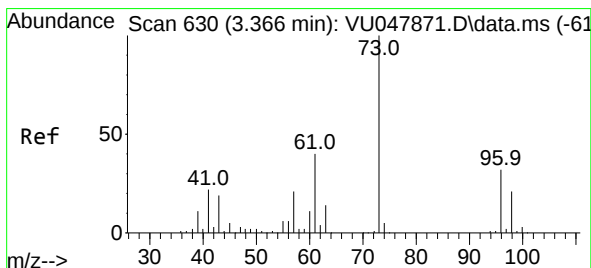
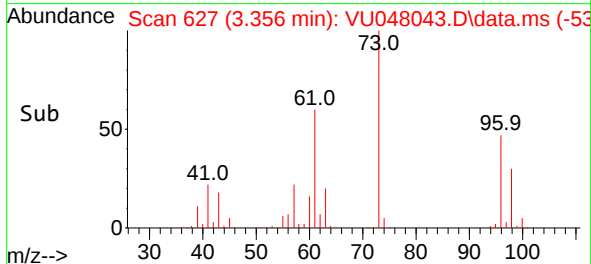
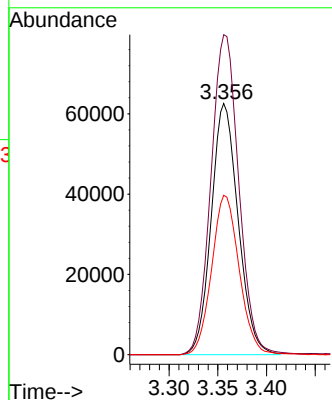
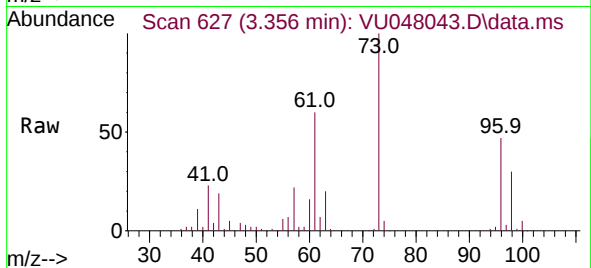
Tgt Ion: 96 Resp: 120405

Ion Ratio Lower Upper

96 100

61 127.4 88.4 164.2

98 63.5 43.3 80.5



#18

Methyl tert-butyl Ether

Concen: 53.372 ug/L

RT: 3.366 min Scan# 630

Delta R.T. -0.000 min

Lab File: VU048043.D

Acq: 14 Apr 2022 09:22

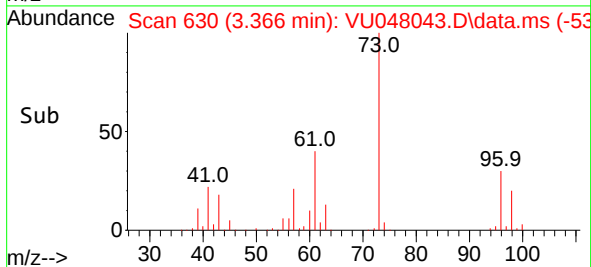
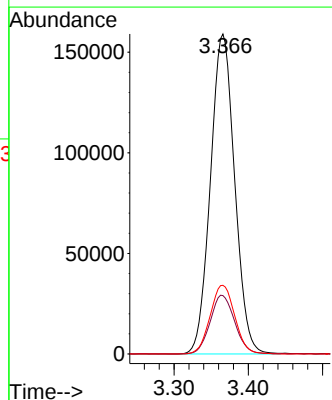
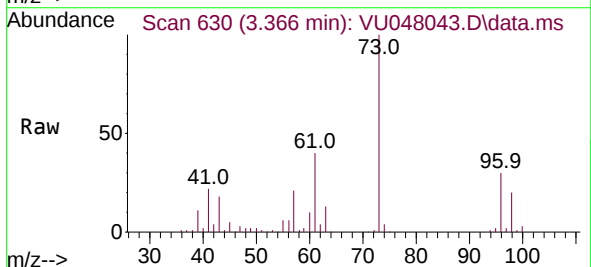
Tgt Ion: 73 Resp: 360851

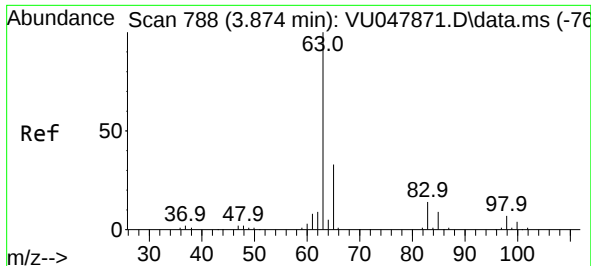
Ion Ratio Lower Upper

73 100

43 18.8 15.3 22.9

57 21.8 17.0 25.6





#19

1,1-Dichloroethane

Concen: 55.503 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.000 min

Lab File: VU048043.D

Acq: 14 Apr 2022 09:22

Instrument :

MSVOA_U

ClientSampleId :

VSTD050081

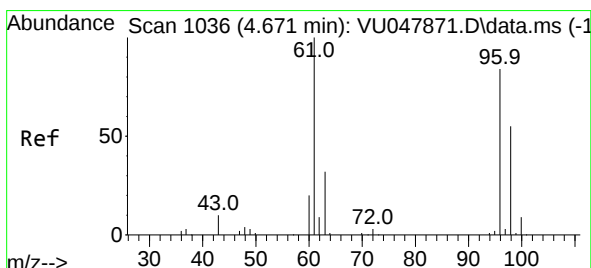
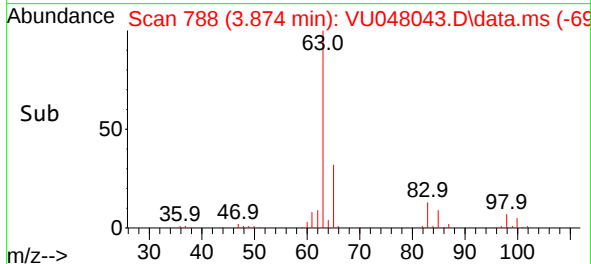
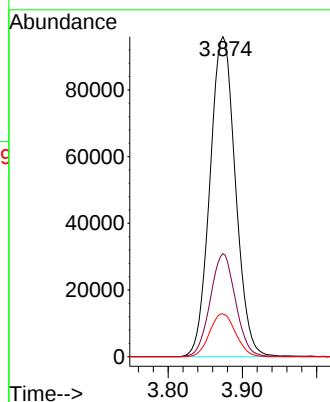
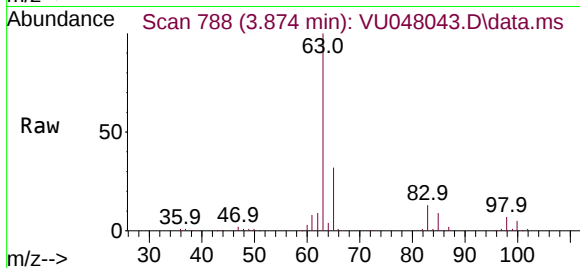
Tgt Ion: 63 Resp: 229405

Ion Ratio Lower Upper

63 100

65 32.2 22.0 41.0

83 13.4 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 53.367 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU048043.D

Acq: 14 Apr 2022 09:22

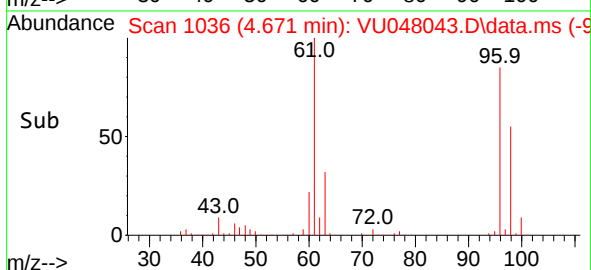
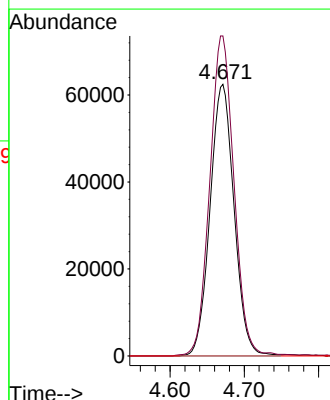
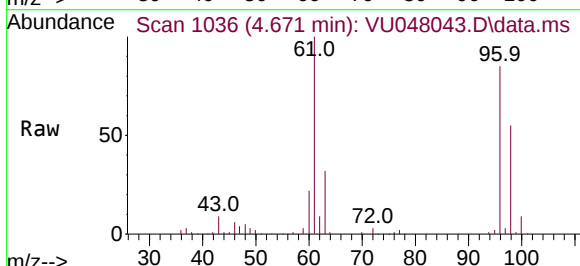
Tgt Ion: 96 Resp: 140212

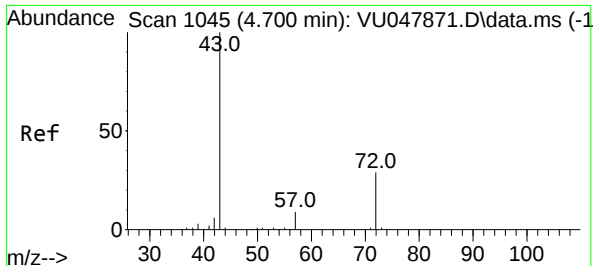
Ion Ratio Lower Upper

96 100

61 117.7 80.7 149.9

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 86.884 ug/L

RT: 4.700 min Scan# 1045

Delta R.T. -0.000 min

Lab File: VU048043.D

Acq: 14 Apr 2022 09:22

Instrument :

MSVOA_U

ClientSampleId :

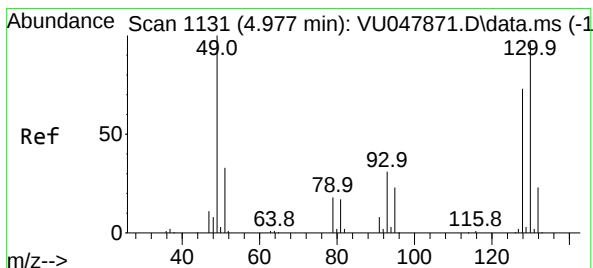
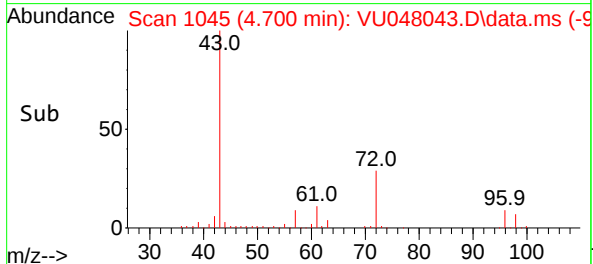
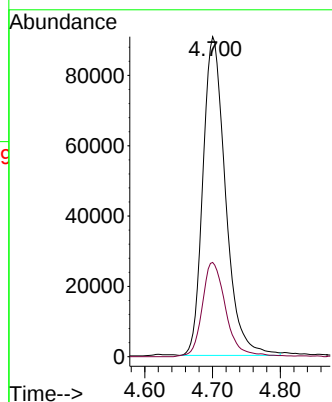
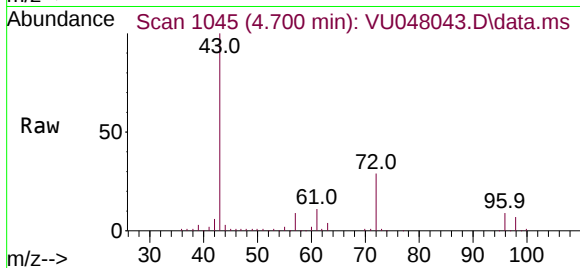
VSTD050081

Tgt Ion: 43 Resp: 209983

Ion Ratio Lower Upper

43 100

72 30.4 16.0 47.9



#23

Bromochloromethane

Concen: 55.138 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VU048043.D

Acq: 14 Apr 2022 09:22

Tgt Ion: 128 Resp: 79538

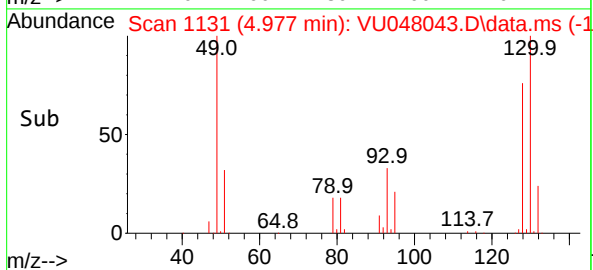
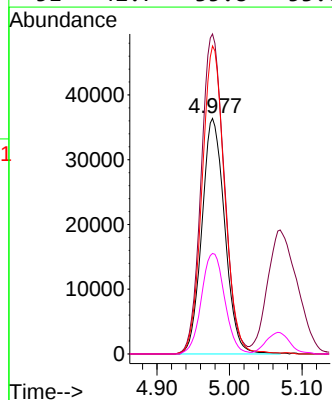
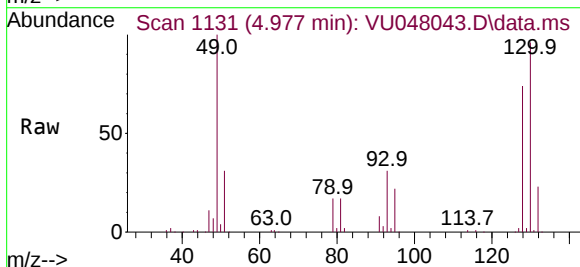
Ion Ratio Lower Upper

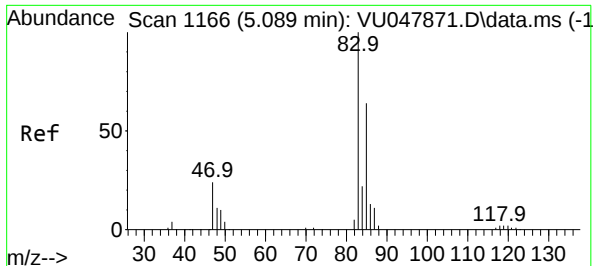
128 100

49 135.8 94.1 174.8

130 130.7 90.2 167.4

51 42.7 35.8 53.6





#25

Chloroform

Concen: 55.349 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU048043.D

Acq: 14 Apr 2022 09:22

Instrument :

MSVOA_U

ClientSampleId :

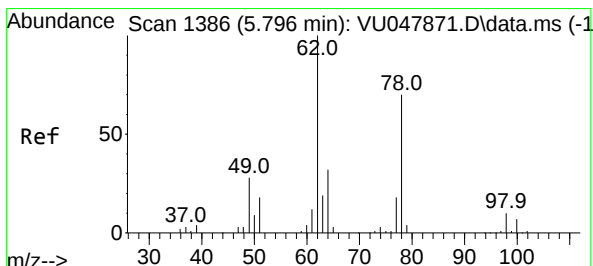
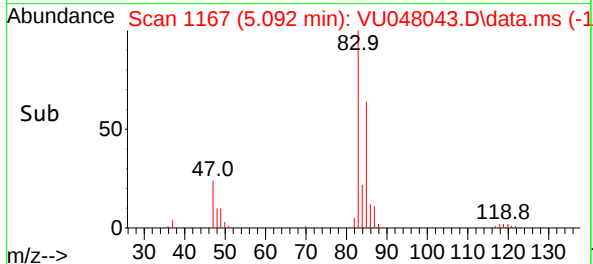
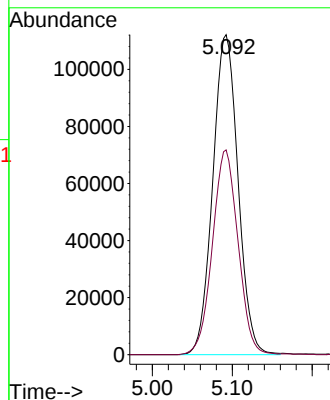
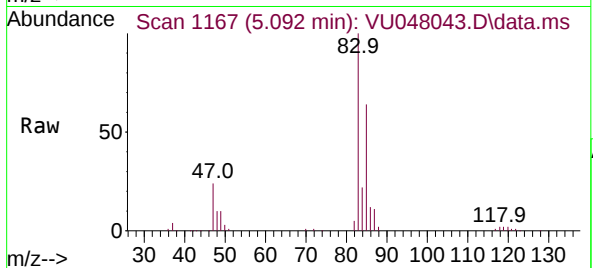
VSTD050081

Tgt Ion: 83 Resp: 246298

Ion Ratio Lower Upper

83 100

85 64.0 46.2 85.8



#27

1,2-Dichloroethane

Concen: 53.124 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU048043.D

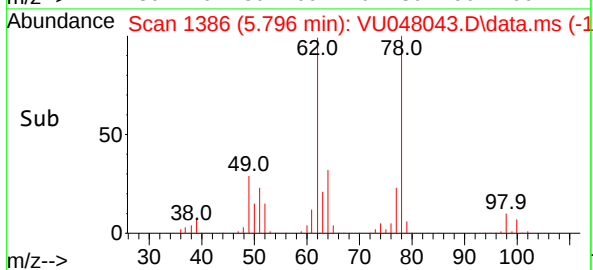
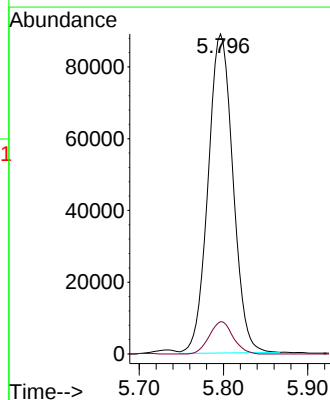
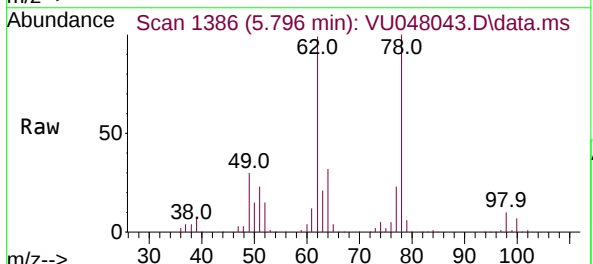
Acq: 14 Apr 2022 09:22

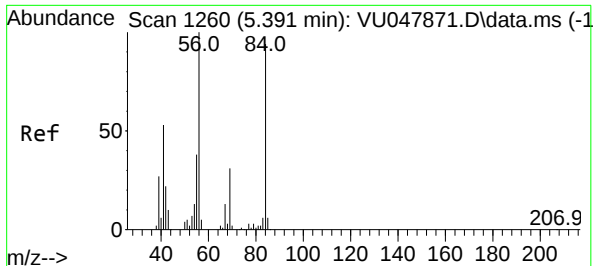
Tgt Ion: 62 Resp: 182636

Ion Ratio Lower Upper

62 100

98 10.1 7.4 11.0





#29

Cyclohexane

Concen: 49.749 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VU048043.D

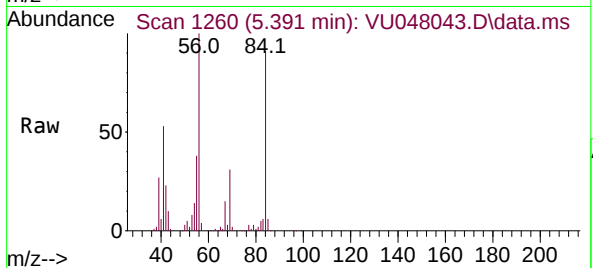
Acq: 14 Apr 2022 09:22

Instrument :

MSVOA_U

ClientSampleId :

VSTD050081



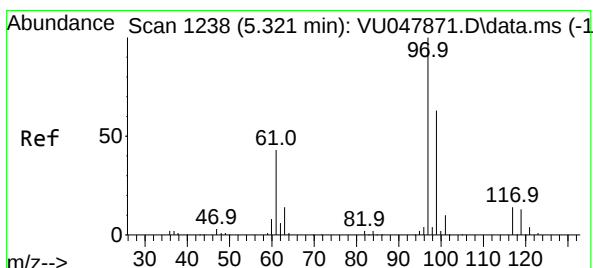
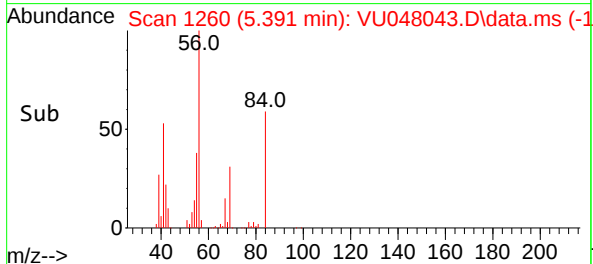
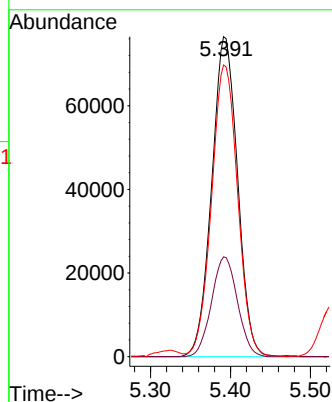
Tgt Ion: 56 Resp: 171597

Ion Ratio Lower Upper

56 100

69 31.3 25.4 38.2

84 92.2 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 52.061 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.003 min

Lab File: VU048043.D

Acq: 14 Apr 2022 09:22

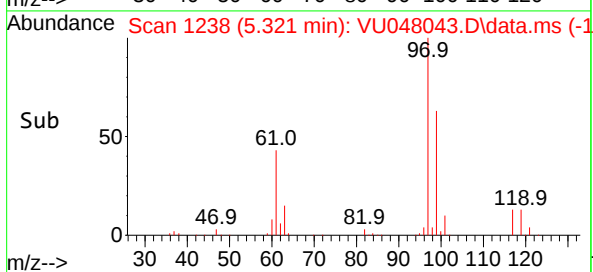
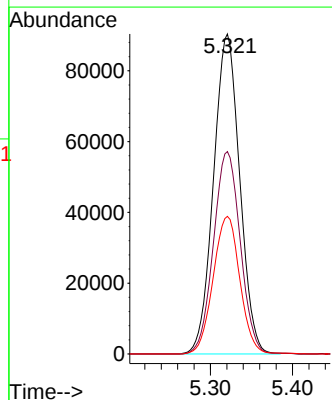
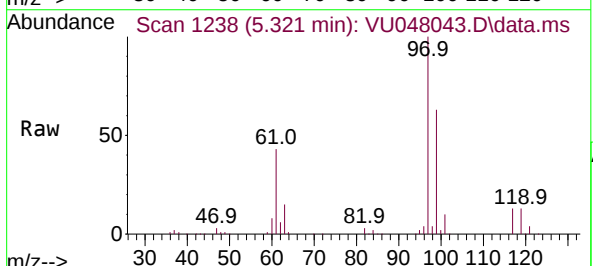
Tgt Ion: 97 Resp: 200662

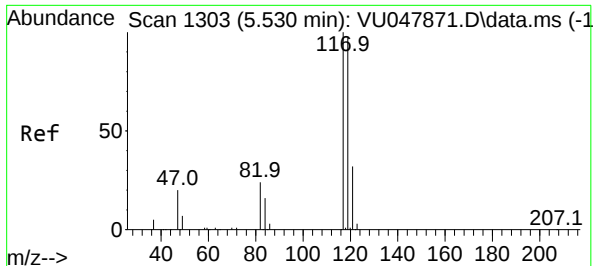
Ion Ratio Lower Upper

97 100

99 64.6 51.6 77.4

61 43.9 34.2 51.4

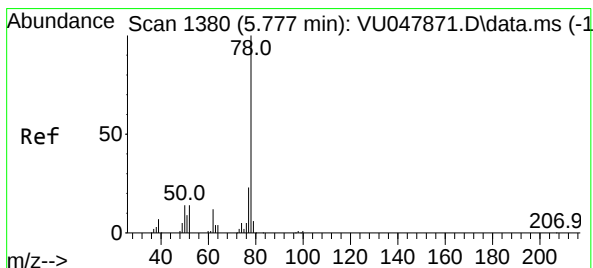
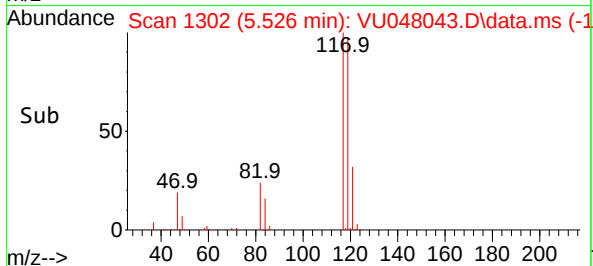
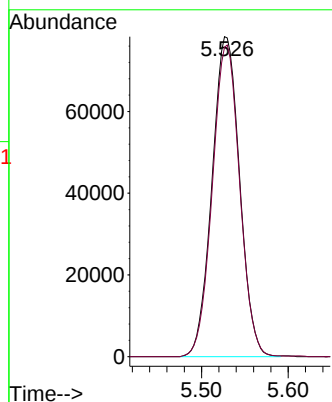
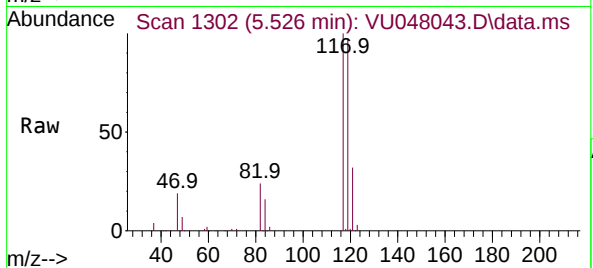




#31
Carbon tetrachloride
Concen: 49.780 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU048043.D
Acq: 14 Apr 2022 09:22

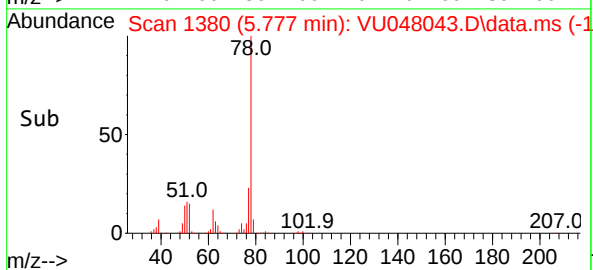
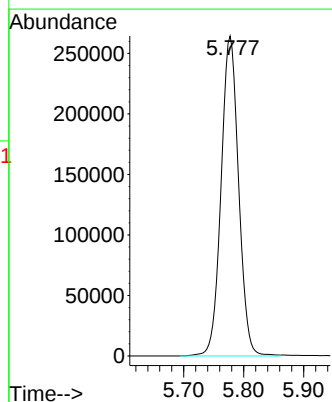
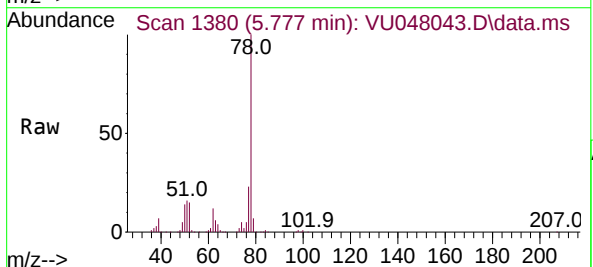
Instrument :
MSVOA_U
ClientSampleId :
VSTD050081

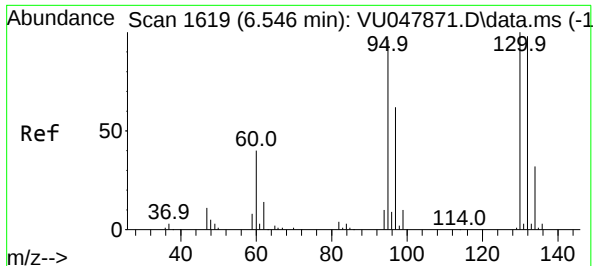
Tgt Ion:117 Resp: 173256
Ion Ratio Lower Upper
117 100
119 96.6 77.2 115.8



#33
Benzene
Concen: 54.335 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU048043.D
Acq: 14 Apr 2022 09:22

Tgt Ion: 78 Resp: 534606

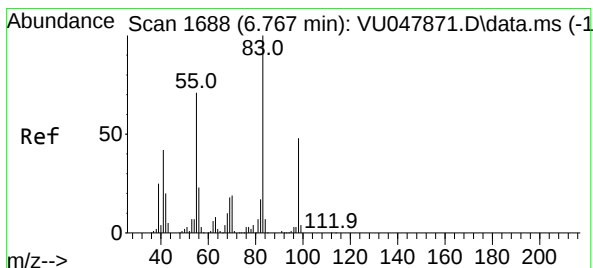
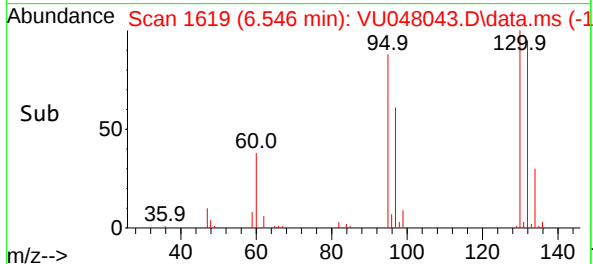
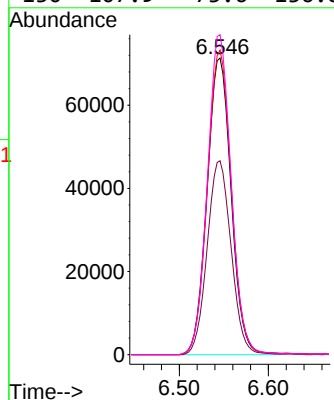
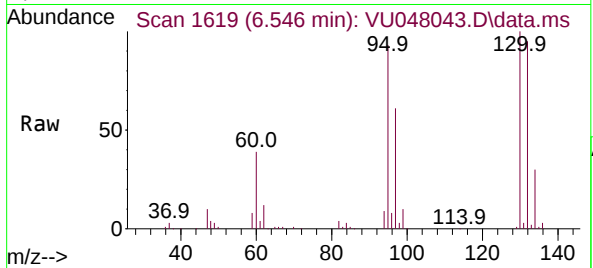




#34
Trichloroethene
Concen: 52.018 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU048043.D
Acq: 14 Apr 2022 09:22

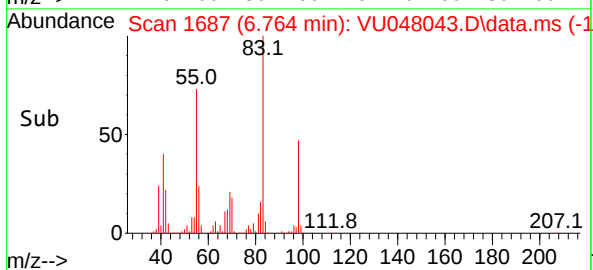
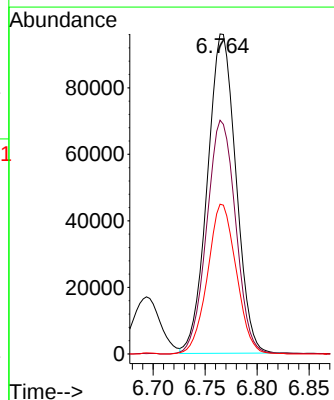
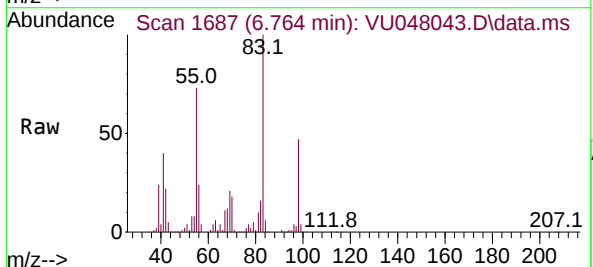
Instrument :
MSVOA_U
ClientSampleId :
VSTD050081

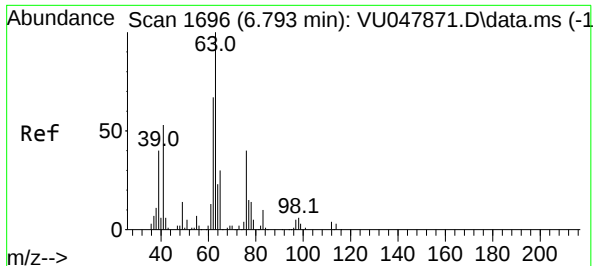
Tgt Ion: 95 Resp: 134181
Ion Ratio Lower Upper
95 100
97 65.4 44.7 82.9
132 102.7 70.4 130.8
130 107.9 73.6 136.8



#35
Methylcyclohexane
Concen: 46.807 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU048043.D
Acq: 14 Apr 2022 09:22

Tgt Ion: 83 Resp: 183683
Ion Ratio Lower Upper
83 100
55 74.4 56.8 85.2
98 47.1 38.1 57.1





#37

1,2-Dichloropropane

Concen: 56.794 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048043.D

Acq: 14 Apr 2022 09:22

Instrument :

MSVOA_U

ClientSampleId :

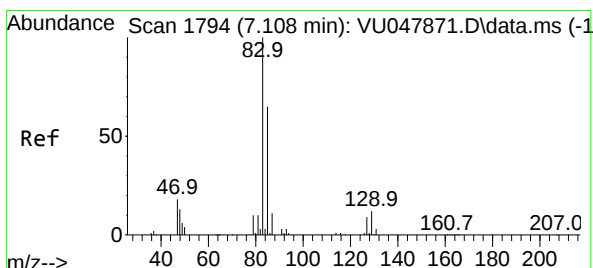
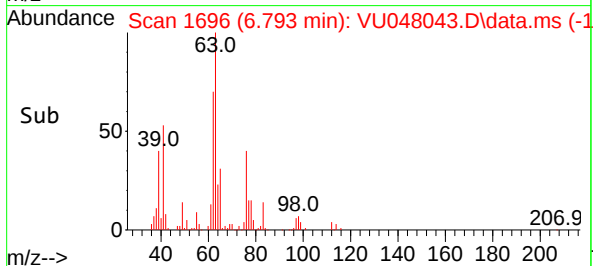
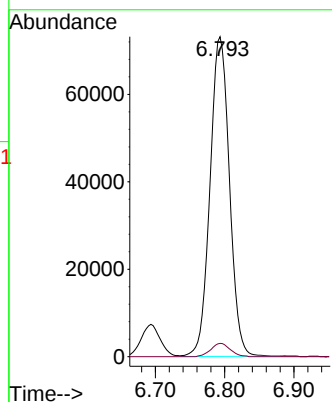
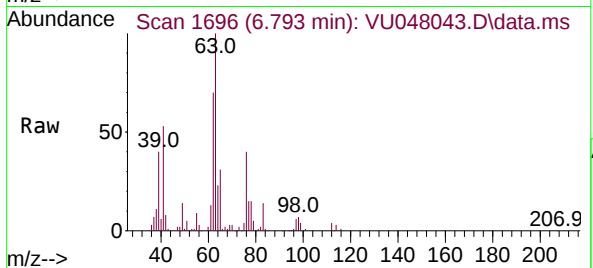
VSTD050081

Tgt Ion: 63 Resp: 142056

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.2



#38

Bromodichloromethane

Concen: 53.232 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.003 min

Lab File: VU048043.D

Acq: 14 Apr 2022 09:22

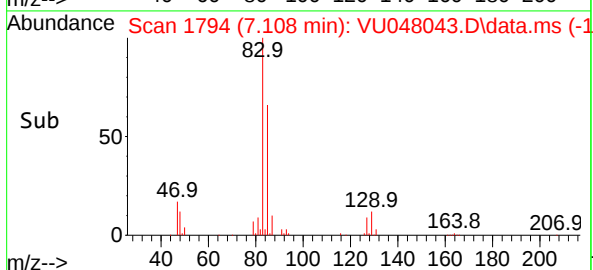
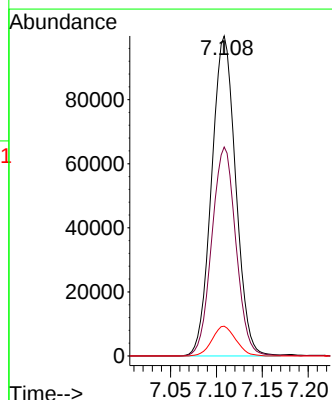
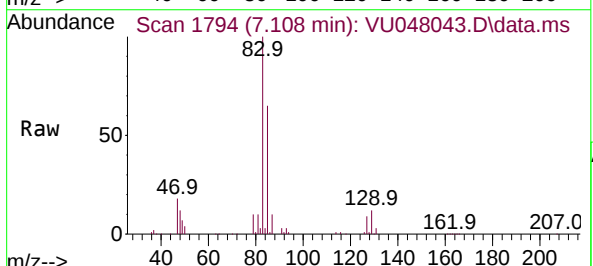
Tgt Ion: 83 Resp: 182840

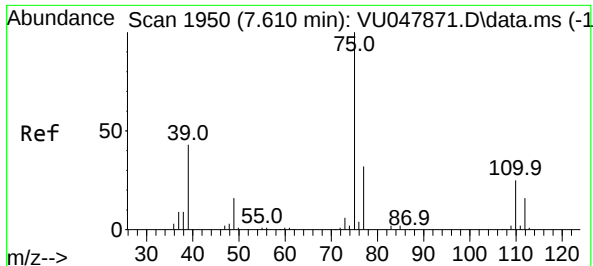
Ion Ratio Lower Upper

83 100

85 65.3 44.4 82.4

127 9.3 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 47.875 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VU048043.D

Acq: 14 Apr 2022 09:22

Instrument :

MSVOA_U

ClientSampleId :

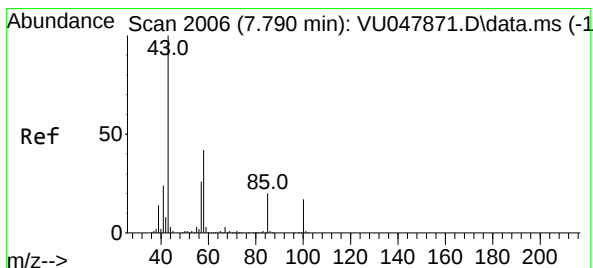
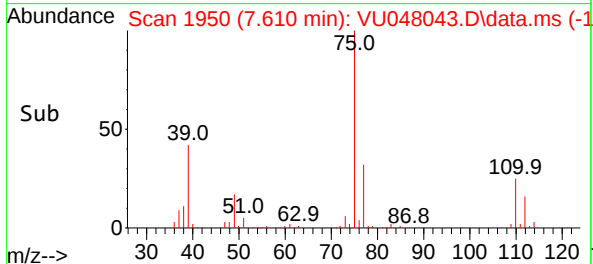
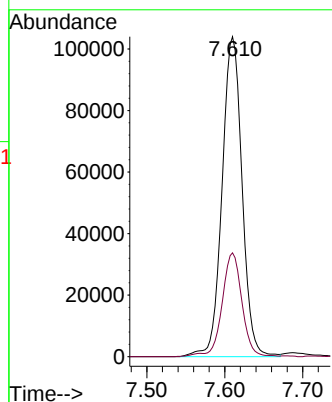
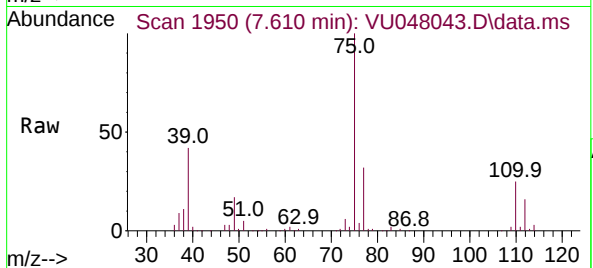
VSTD050081

Tgt Ion: 75 Resp: 185804

Ion Ratio Lower Upper

75 100

77 32.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 99.548 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU048043.D

Acq: 14 Apr 2022 09:22

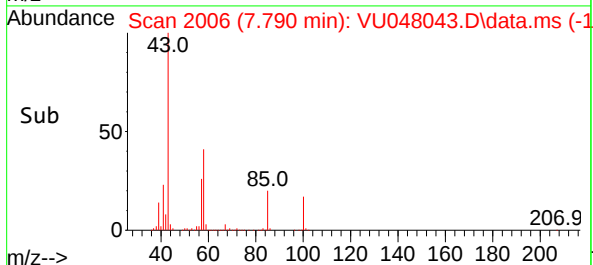
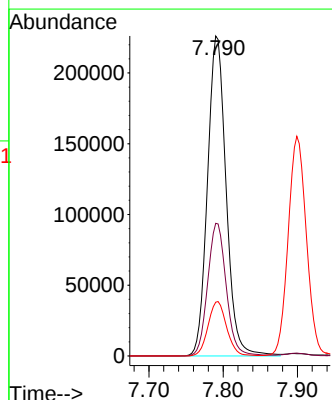
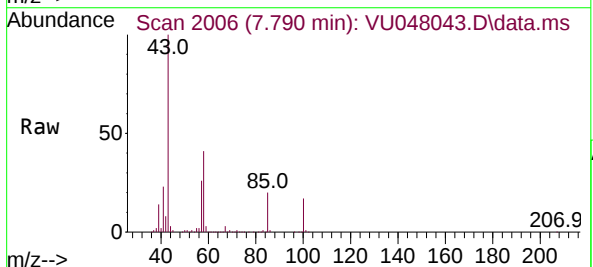
Tgt Ion: 43 Resp: 393530

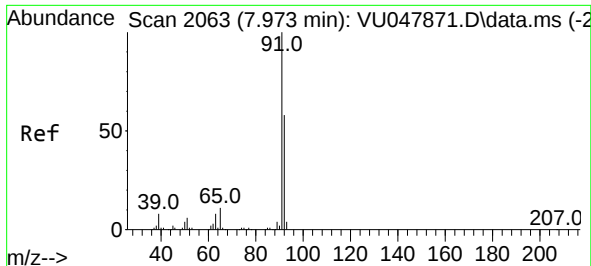
Ion Ratio Lower Upper

43 100

58 41.4 34.7 52.1

100 17.0 14.2 21.2





#42

Toluene

Concen: 53.806 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU048043.D

Acq: 14 Apr 2022 09:22

Instrument :

MSVOA_U

ClientSampleId :

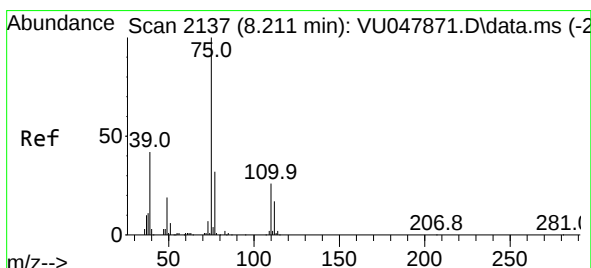
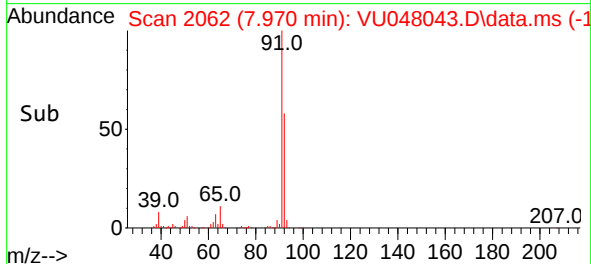
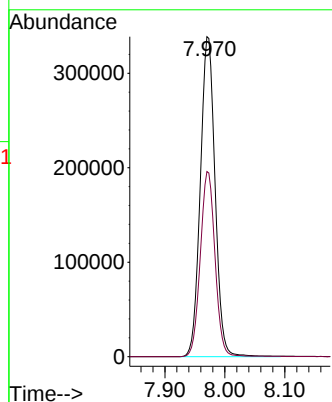
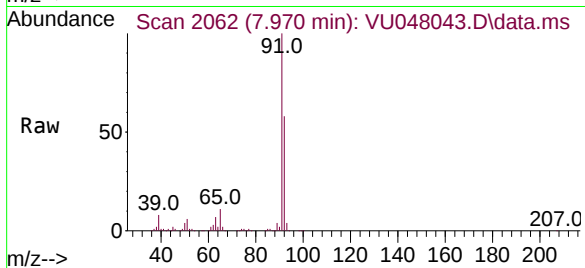
VSTD050081

Tgt Ion: 91 Resp: 580880

Ion Ratio Lower Upper

91 100

92 57.8 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 47.502 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048043.D

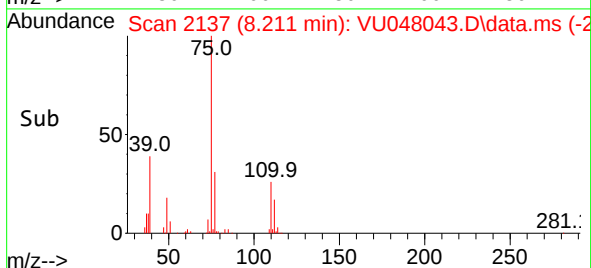
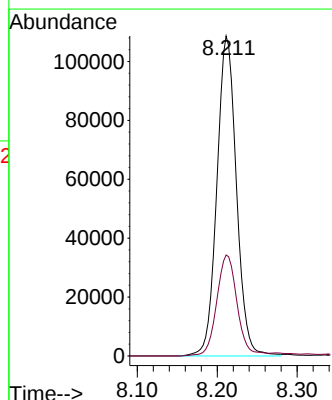
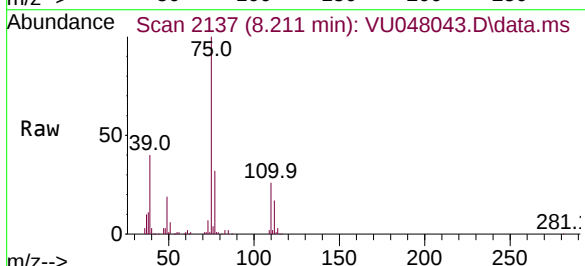
Acq: 14 Apr 2022 09:22

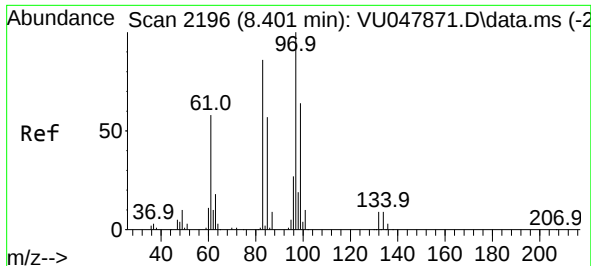
Tgt Ion: 75 Resp: 184070

Ion Ratio Lower Upper

75 100

77 31.6 22.0 40.8



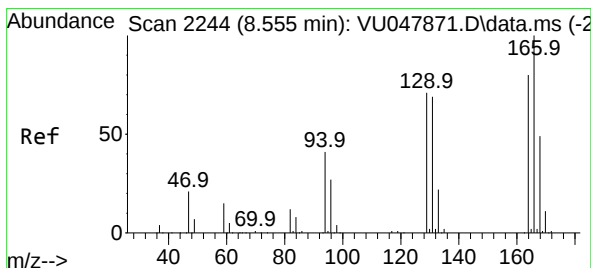
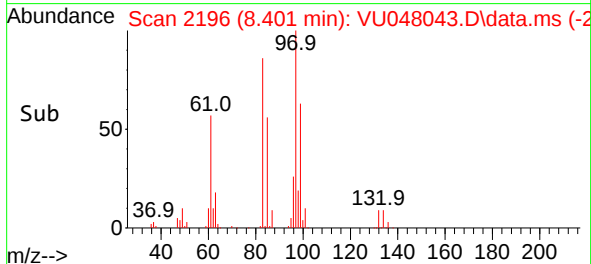
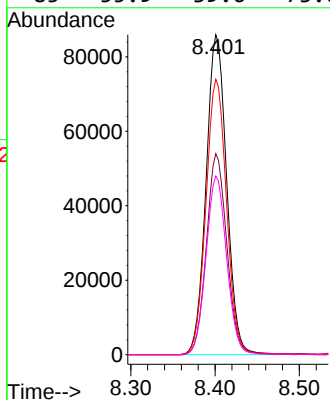
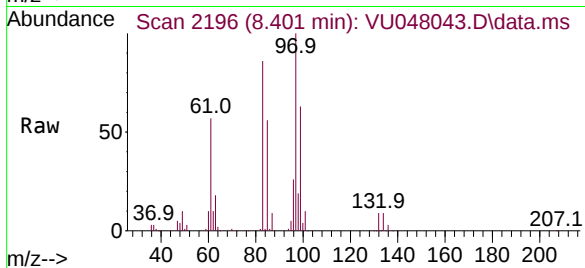


#45
1,1,2-Trichloroethane
Concen: 55.082 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048043.D
Acq: 14 Apr 2022 09:22

Instrument :
MSVOA_U
ClientSampleId :
VSTD050081

Tgt Ion: 97 Resp: 146117

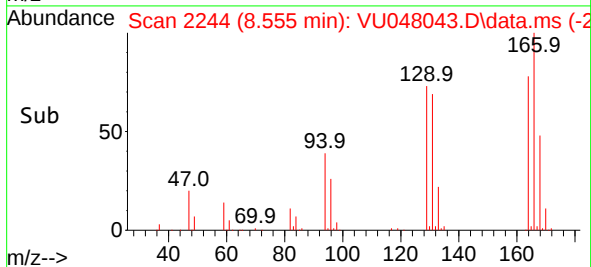
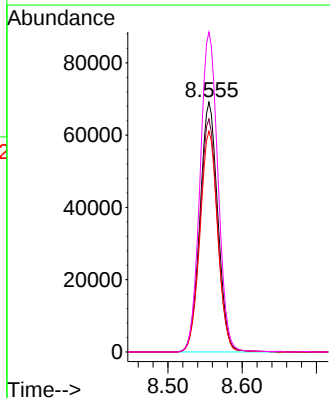
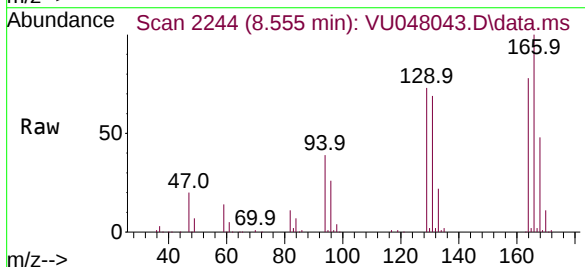
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.3	80.3
83	86.0	61.0	113.4
85	55.9	39.6	73.6

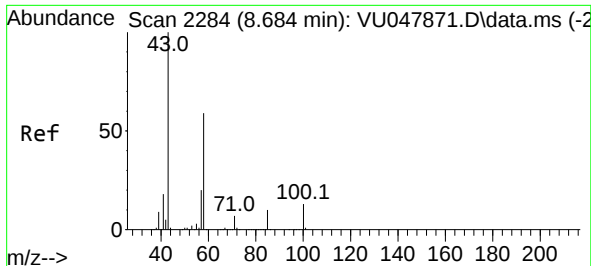


#46
Tetrachloroethene
Concen: 49.949 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU048043.D
Acq: 14 Apr 2022 09:22

Tgt Ion: 164 Resp: 115785

Ion	Ratio	Lower	Upper
164	100		
129	93.2	62.4	116.0
131	88.3	60.7	112.7
166	128.1	89.0	165.4

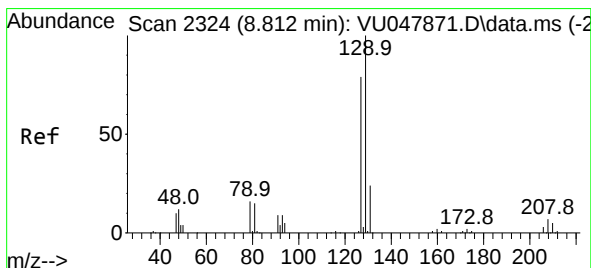
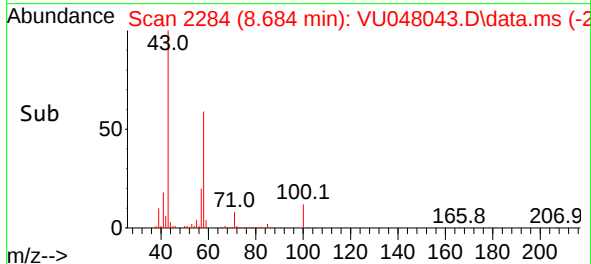
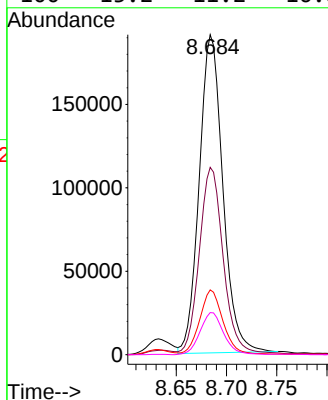
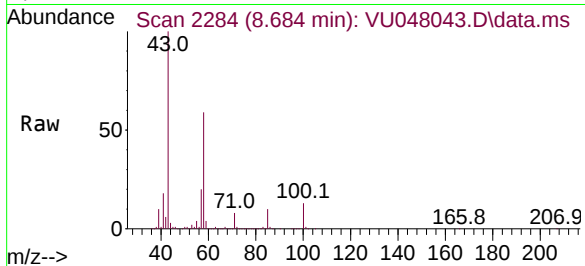




#48
2-Hexanone
Concen: 91.707 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048043.D
Acq: 14 Apr 2022 09:22

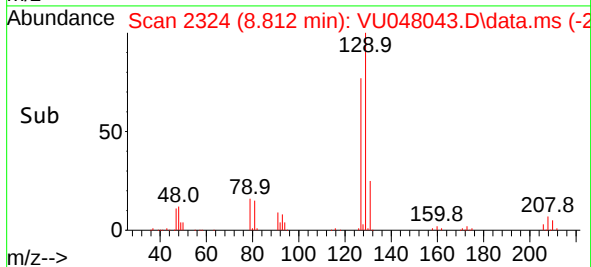
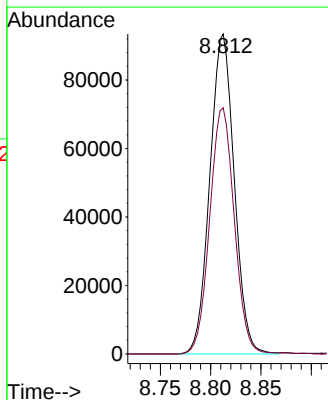
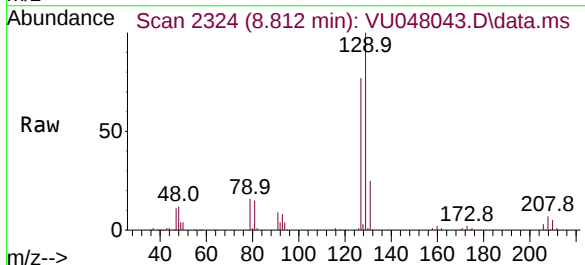
Instrument :
MSVOA_U
ClientSampleId :
VSTD050081

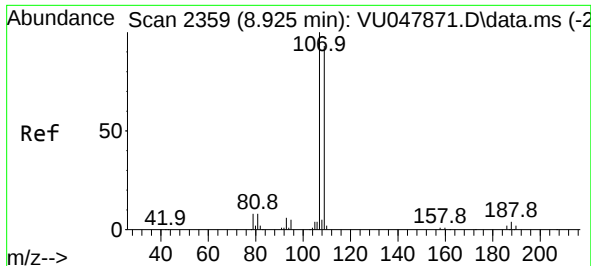
Tgt Ion:	43	Resp:	311845
Ion	Ratio	Lower	Upper
43	100		
58	59.6	48.1	72.1
57	20.0	16.2	24.4
100	13.2	11.2	16.8



#49
Dibromochloromethane
Concen: 51.391 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU048043.D
Acq: 14 Apr 2022 09:22

Tgt Ion:	129	Resp:	157896
Ion	Ratio	Lower	Upper
129	100		
127	77.0	54.2	100.6

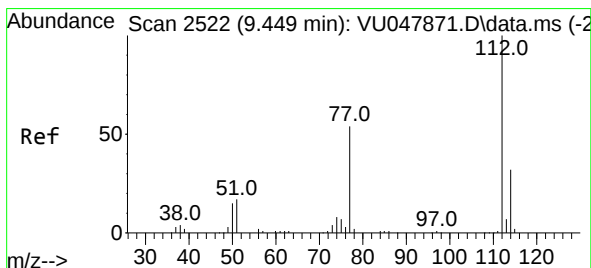
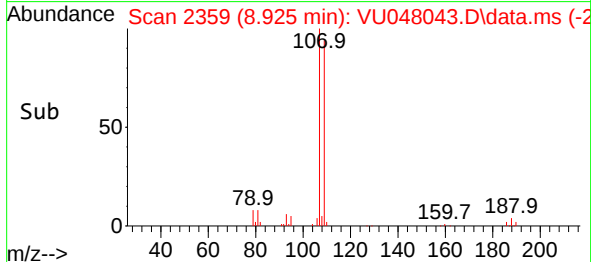
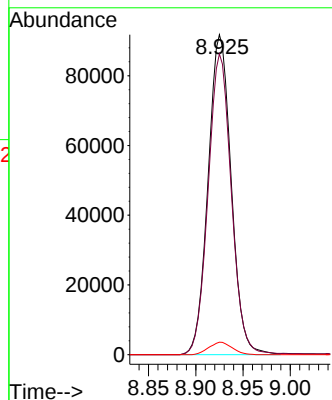
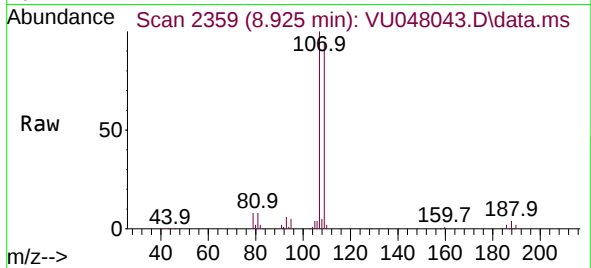




#50
1,2-Dibromoethane
Concen: 52.449 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048043.D
Acq: 14 Apr 2022 09:22

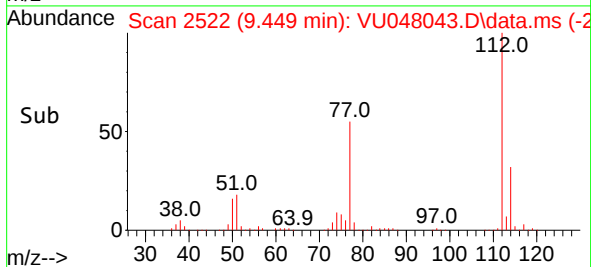
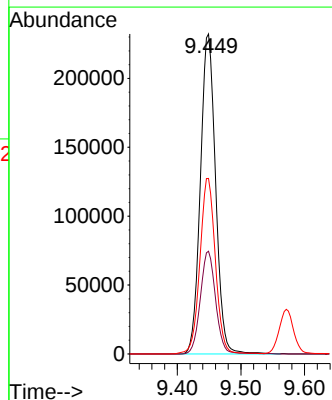
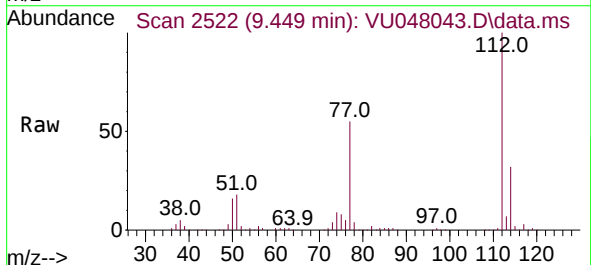
Instrument :
MSVOA_U
ClientSampleId :
VSTD050081

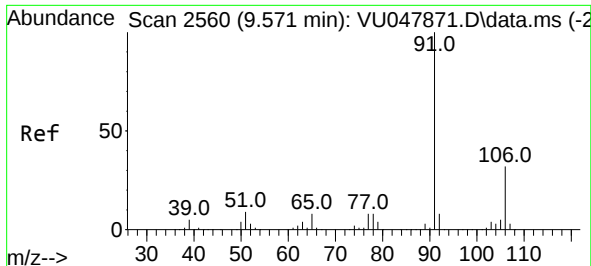
Tgt Ion:107 Resp: 155979
Ion Ratio Lower Upper
107 100
109 94.0 66.6 123.6
188 3.9 3.4 5.2



#51
Chlorobenzene
Concen: 52.635 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU048043.D
Acq: 14 Apr 2022 09:22

Tgt Ion:112 Resp: 385829
Ion Ratio Lower Upper
112 100
114 32.1 22.1 41.1
77 54.8 43.4 65.0

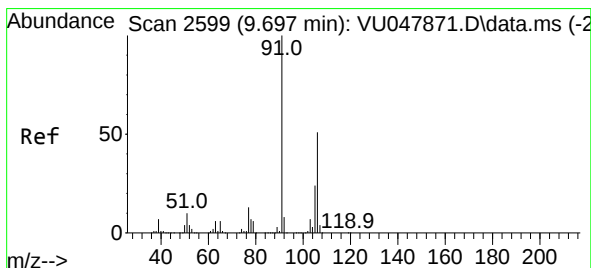
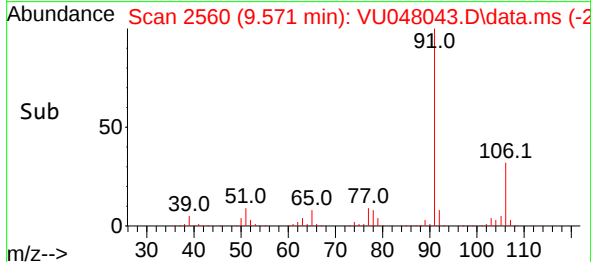
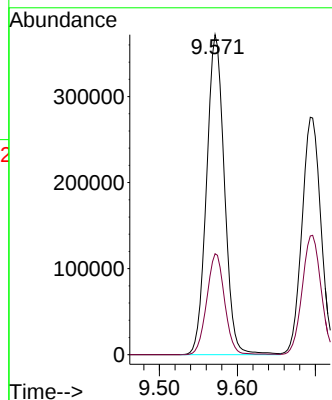
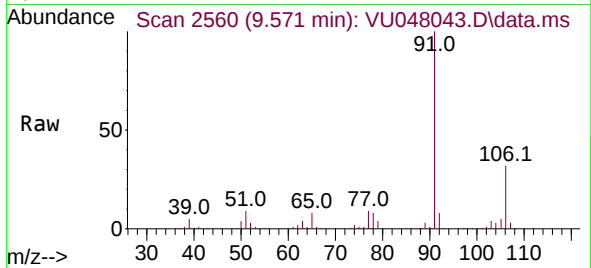




#52
Ethylbenzene
Concen: 52.118 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048043.D
Acq: 14 Apr 2022 09:22

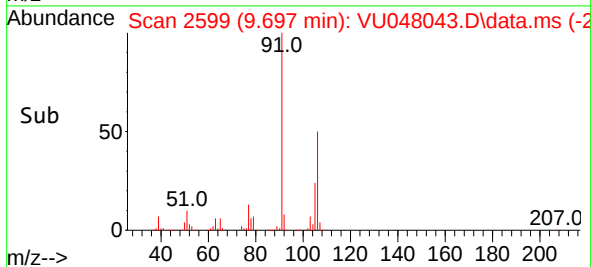
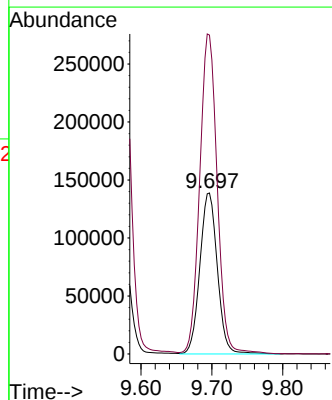
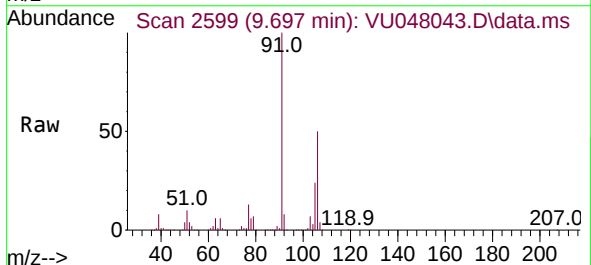
Instrument :
MSVOA_U
ClientSampleId :
VSTD050081

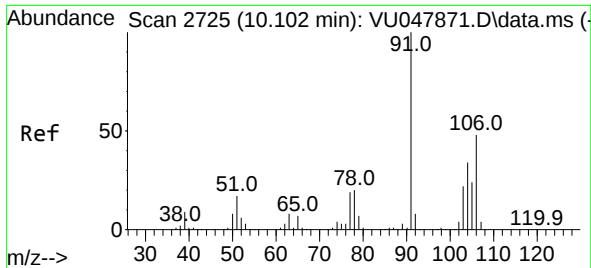
Tgt Ion: 91 Resp: 591615
Ion Ratio Lower Upper
91 100
106 31.6 22.4 41.6



#53
m,p-Xylene
Concen: 53.353 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU048043.D
Acq: 14 Apr 2022 09:22

Tgt Ion: 106 Resp: 237635
Ion Ratio Lower Upper
106 100
91 198.1 137.7 255.7

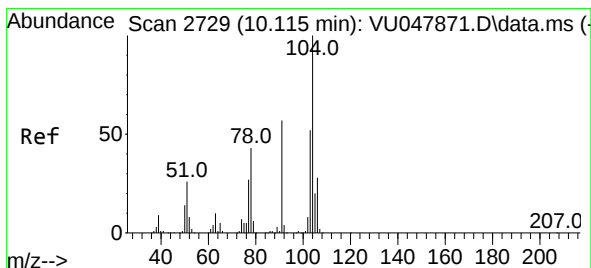
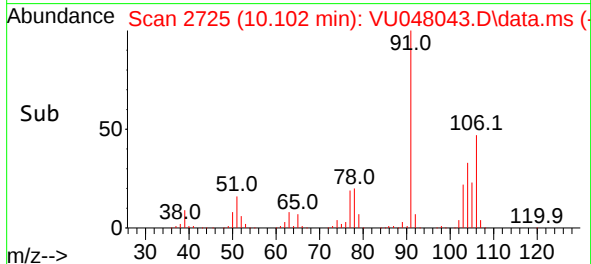
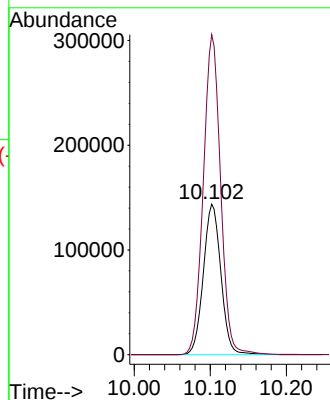
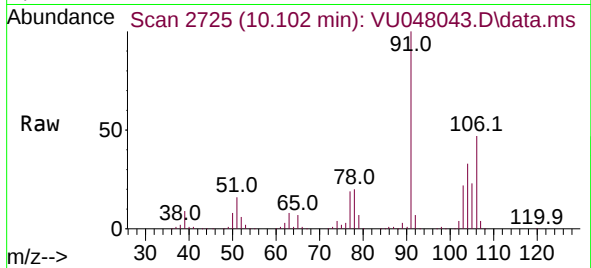




#54
o-Xylene
Concen: 52.679 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU048043.D
Acq: 14 Apr 2022 09:22

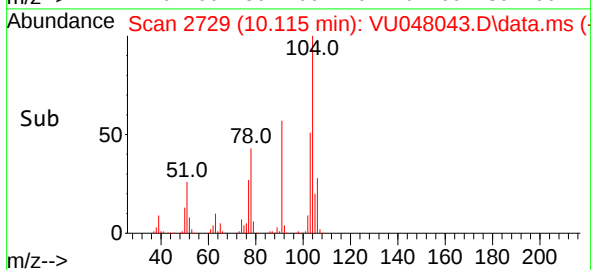
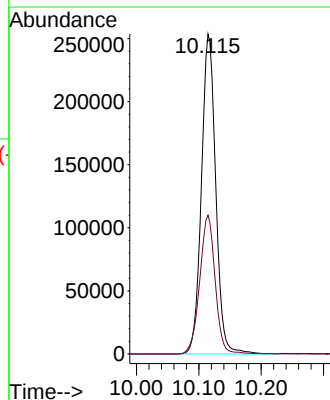
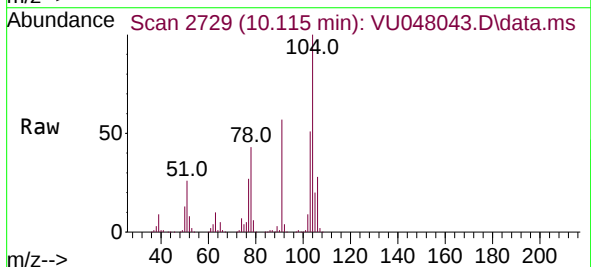
Instrument :
MSVOA_U
ClientSampleId :
VSTD050081

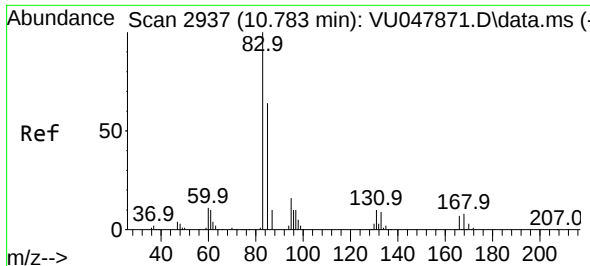
Tgt Ion:106 Resp: 230288
Ion Ratio Lower Upper
106 100
91 212.6 146.7 272.5



#55
Styrene
Concen: 54.210 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048043.D
Acq: 14 Apr 2022 09:22

Tgt Ion:104 Resp: 404601
Ion Ratio Lower Upper
104 100
78 43.4 30.4 56.4

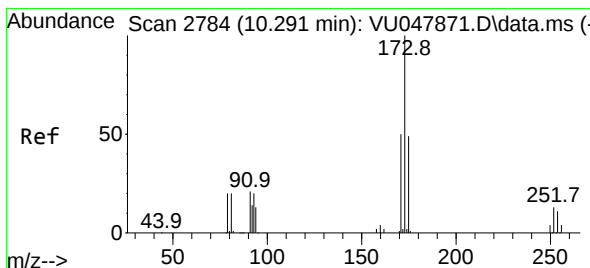
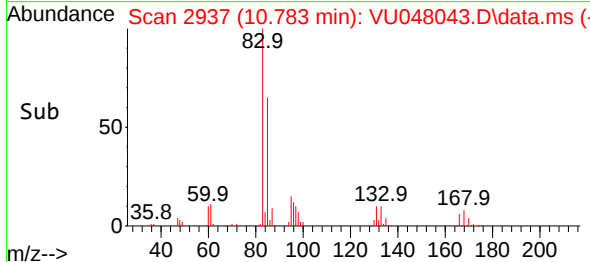
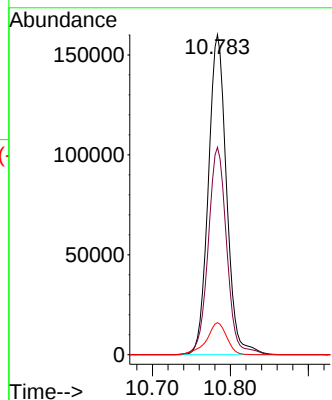
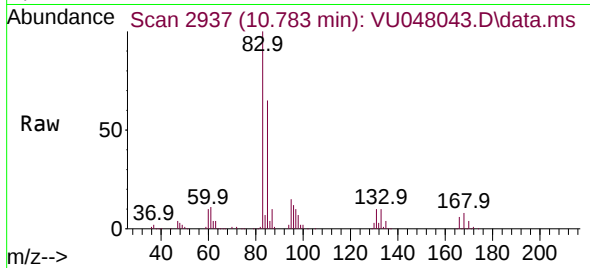




#57
 1,1,2,2-Tetrachloroethane
 Concen: 52.171 ug/L
 RT: 10.783 min Scan# 2937
 Delta R.T. -0.000 min
 Lab File: VU048043.D
 Acq: 14 Apr 2022 09:22

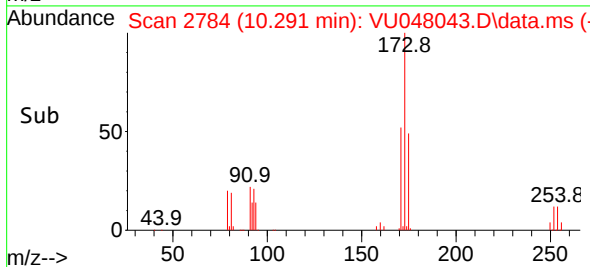
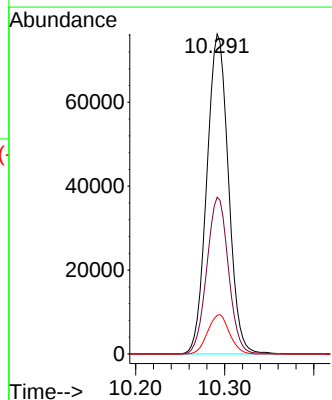
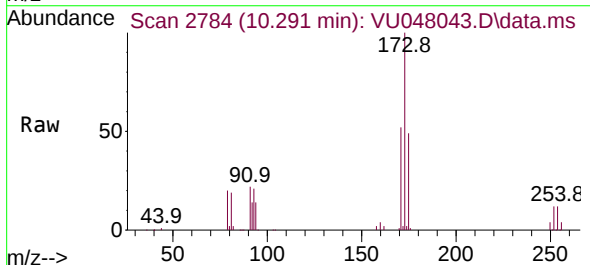
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050081

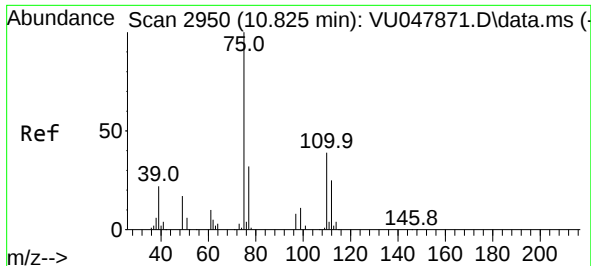
Tgt Ion: 83 Resp: 259454
 Ion Ratio Lower Upper
 83 100
 85 64.8 44.9 83.3
 131 10.0 8.6 13.0



#59
 Bromoform
 Concen: 48.895 ug/L
 RT: 10.291 min Scan# 2784
 Delta R.T. -0.000 min
 Lab File: VU048043.D
 Acq: 14 Apr 2022 09:22

Tgt Ion: 173 Resp: 128295
 Ion Ratio Lower Upper
 173 100
 175 49.1 38.7 58.1
 254 12.3 9.6 14.4

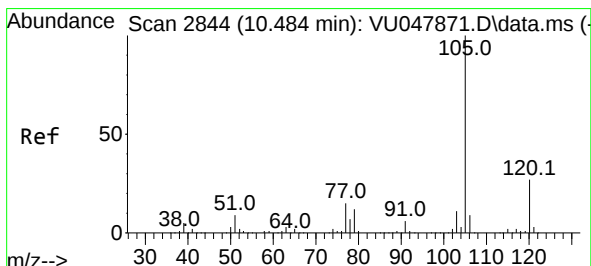
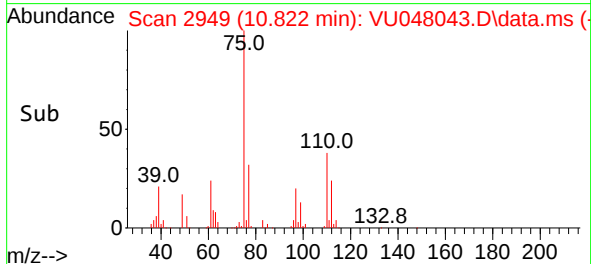
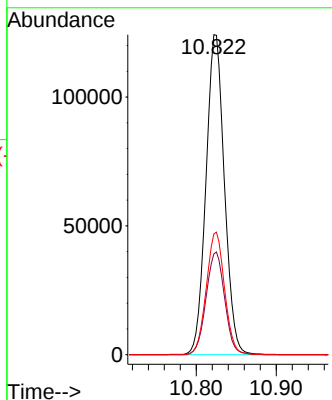
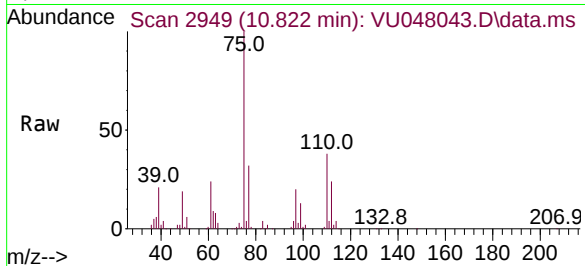




#60
1,2,3-Trichloropropane
Concen: 51.518 ug/L
RT: 10.822 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU048043.D
Acq: 14 Apr 2022 09:22

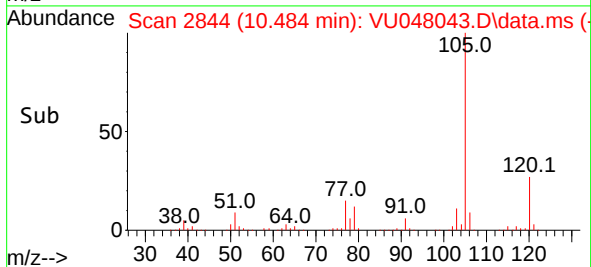
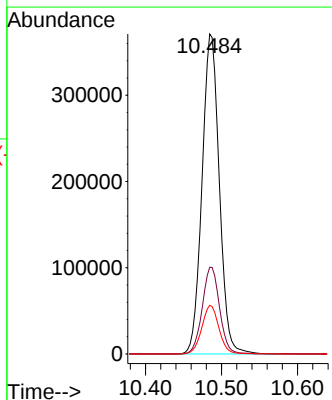
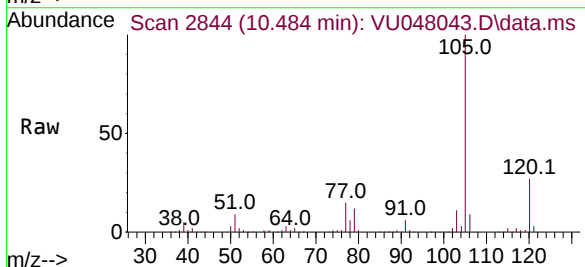
Instrument :
MSVOA_U
ClientSampleId :
VSTD050081

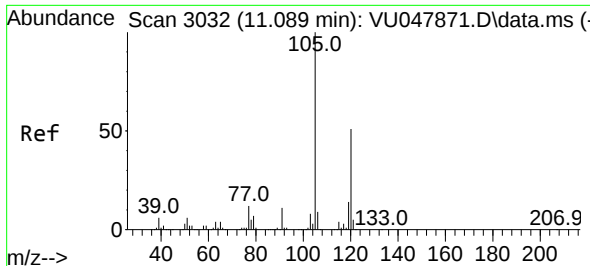
Tgt Ion: 75 Resp: 199287
Ion Ratio Lower Upper
75 100
77 32.3 26.0 39.0
110 37.9 31.4 47.2



#61
Isopropylbenzene
Concen: 52.650 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048043.D
Acq: 14 Apr 2022 09:22

Tgt Ion: 105 Resp: 583872
Ion Ratio Lower Upper
105 100
120 27.2 21.9 32.9
77 15.1 12.1 18.1

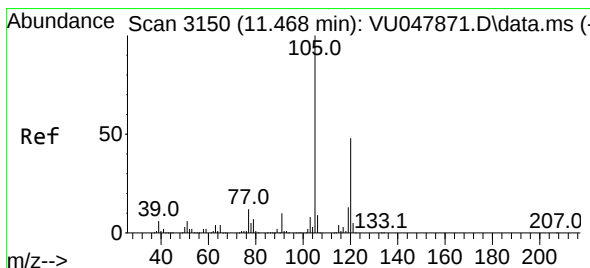
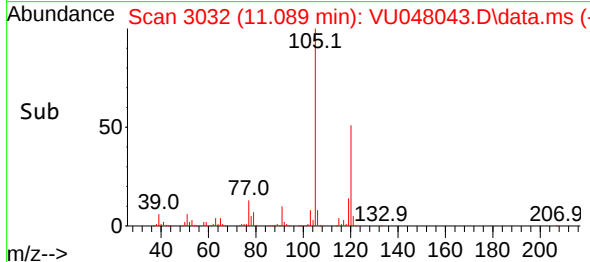
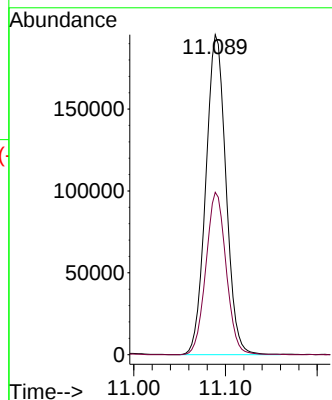
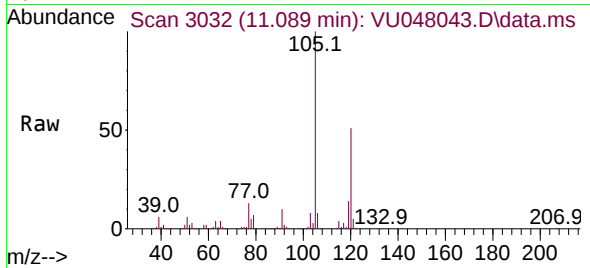




#62
 1,3,5-Trimethylbenzene
 Concen: 49.507 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU048043.D
 Acq: 14 Apr 2022 09:22

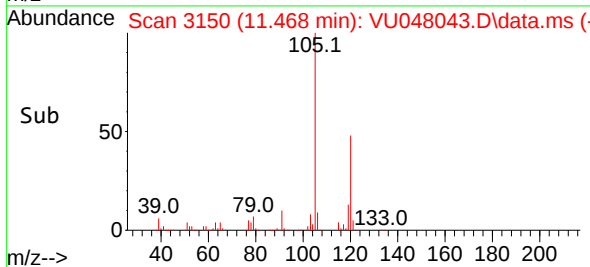
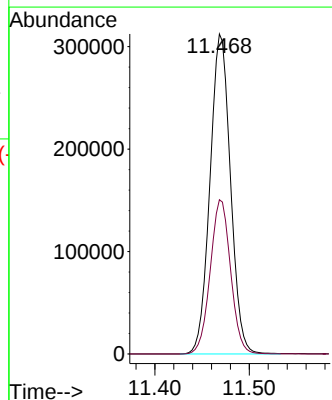
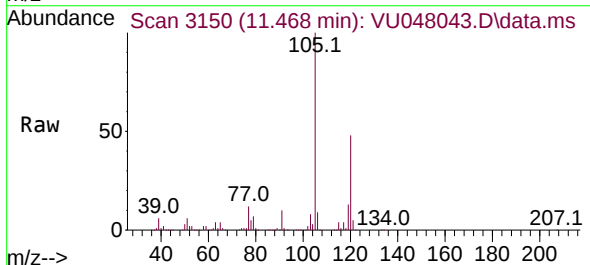
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050081

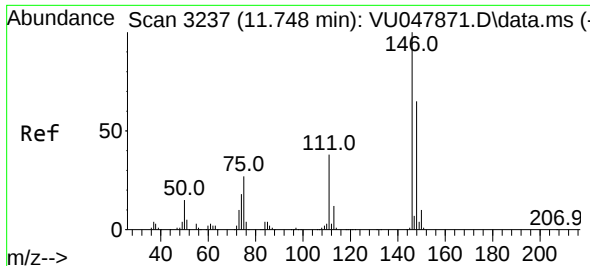
Tgt Ion:105 Resp: 297885
 Ion Ratio Lower Upper
 105 100
 120 51.0 40.8 61.2



#63
 1,2,4-Trimethylbenzene
 Concen: 51.415 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU048043.D
 Acq: 14 Apr 2022 09:22

Tgt Ion:105 Resp: 469920
 Ion Ratio Lower Upper
 105 100
 120 48.0 37.6 56.4

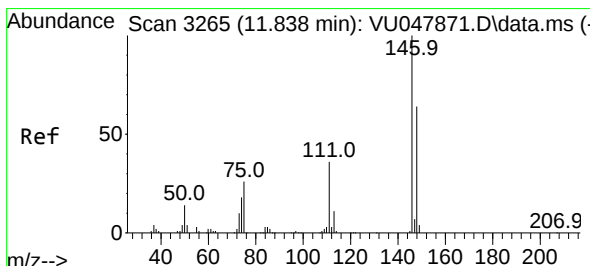
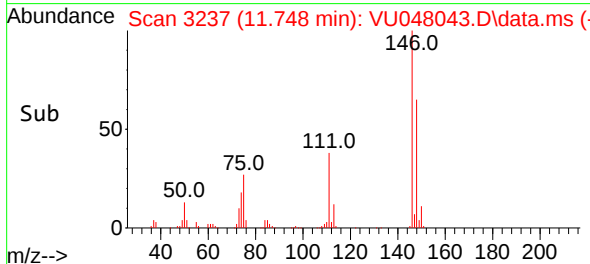
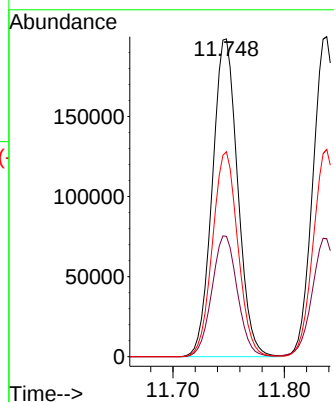
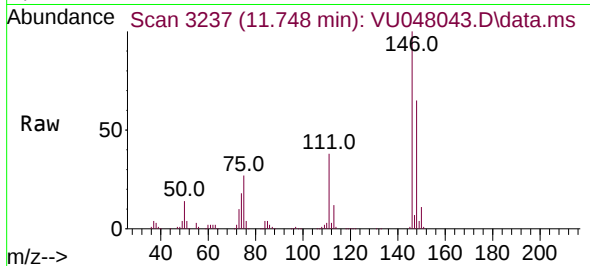




#64
1,3-Dichlorobenzene
Concen: 51.020 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048043.D
Acq: 14 Apr 2022 09:22

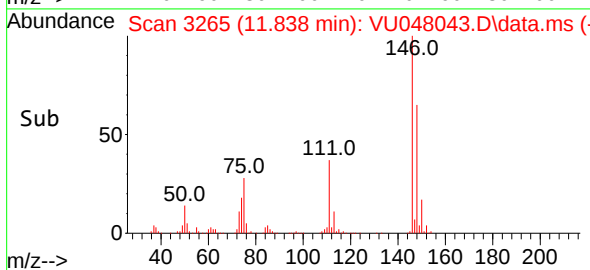
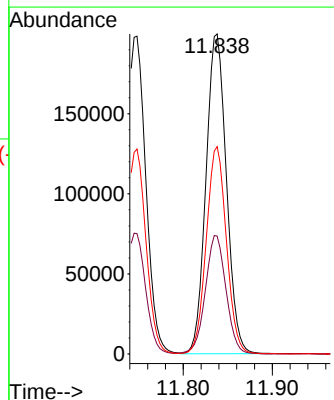
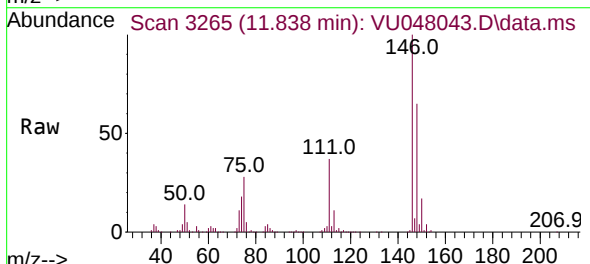
Instrument :
MSVOA_U
ClientSampleId :
VSTD050081

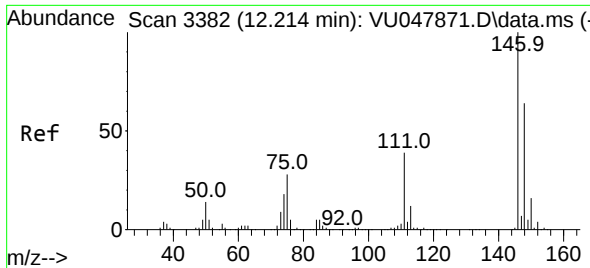
Tgt Ion:146 Resp: 314486
Ion Ratio Lower Upper
146 100
111 37.9 26.7 49.7
148 64.5 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 49.780 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048043.D
Acq: 14 Apr 2022 09:22

Tgt Ion:146 Resp: 317826
Ion Ratio Lower Upper
146 100
111 36.8 25.3 47.1
148 64.8 44.5 82.7

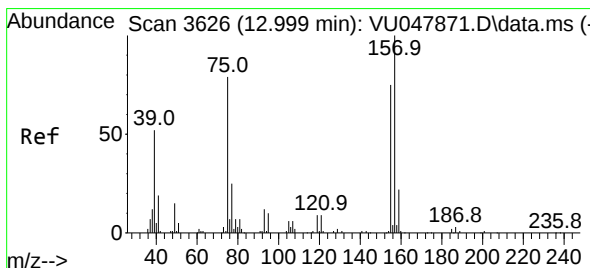
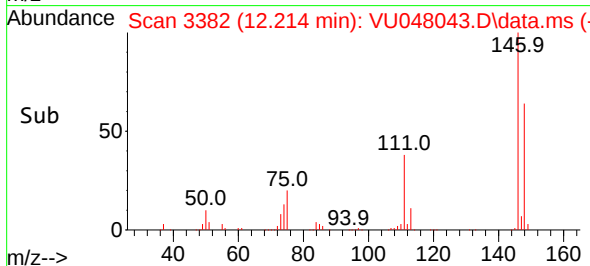
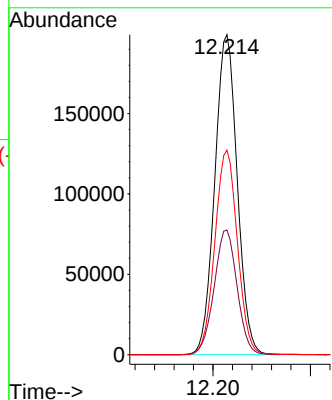
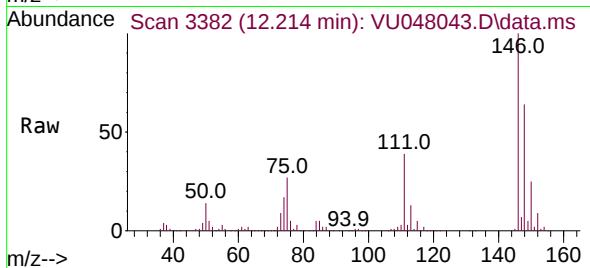




#67
1,2-Dichlorobenzene
Concen: 51.674 ug/L
RT: 12.214 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048043.D
Acq: 14 Apr 2022 09:22

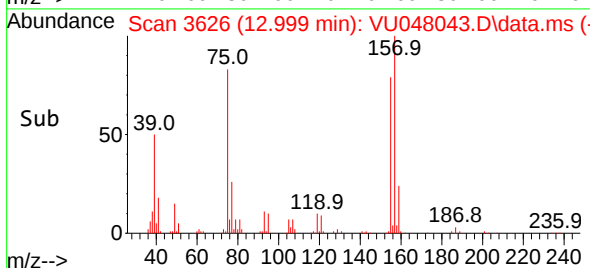
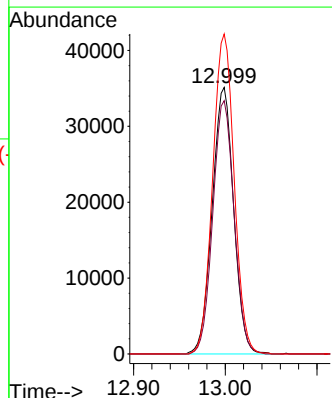
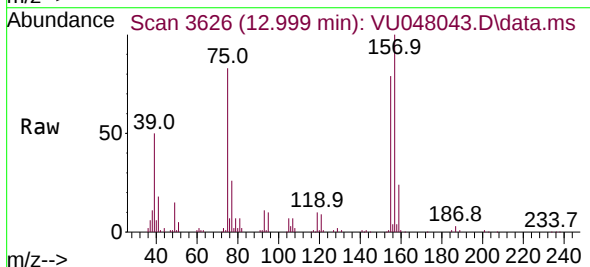
Instrument :
MSVOA_U
ClientSampleId :
VSTD050081

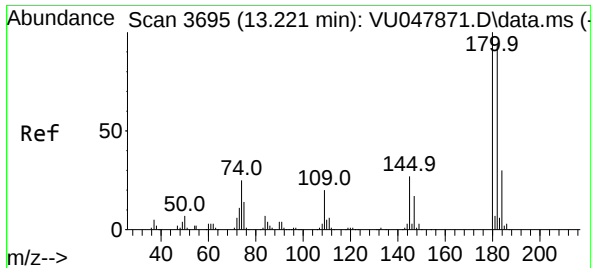
Tgt Ion:146 Resp: 318703
Ion Ratio Lower Upper
146 100
111 38.9 31.7 47.5
148 64.0 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 46.167 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU048043.D
Acq: 14 Apr 2022 09:22

Tgt Ion: 75 Resp: 57205
Ion Ratio Lower Upper
75 100
155 95.0 78.9 118.3
157 120.1 97.5 146.3

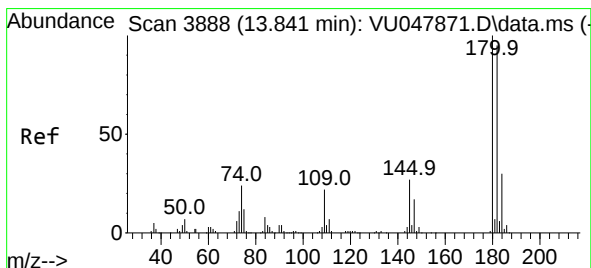
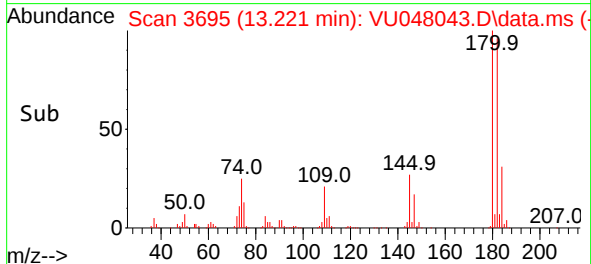
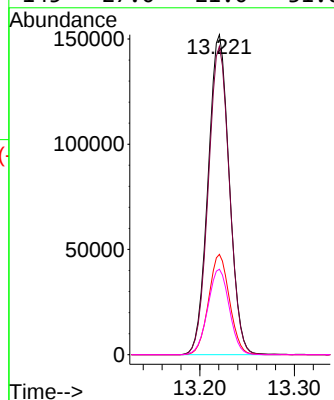
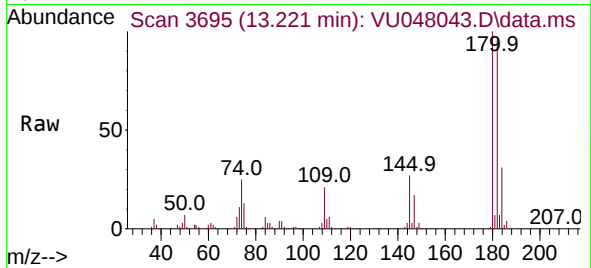




#69
 1,3,5-Trichlorobenzene
 Concen: 47.337 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU048043.D
 Acq: 14 Apr 2022 09:22

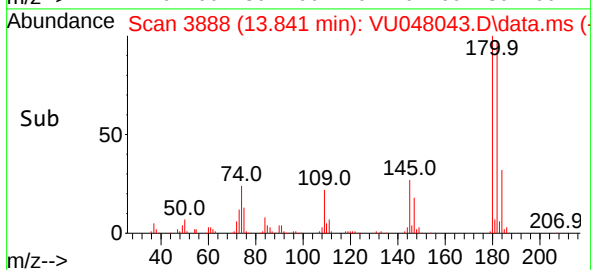
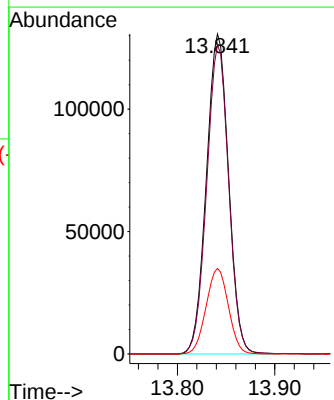
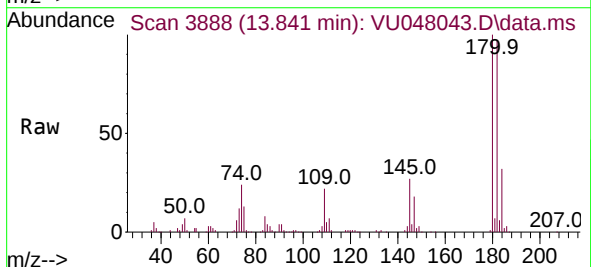
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050081

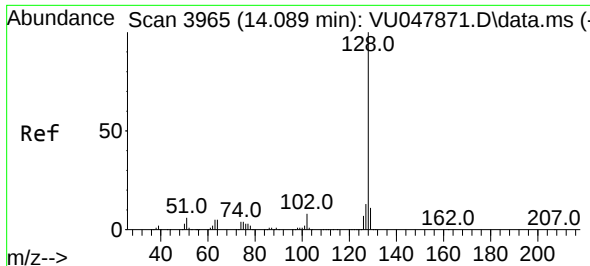
Tgt Ion:180	Resp:	236969
Ion Ratio	Lower	Upper
180	100	
182	96.0	77.0 115.6
184	30.9	24.5 36.7
145	27.0	21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 47.192 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU048043.D
 Acq: 14 Apr 2022 09:22

Tgt Ion:180	Resp:	206928
Ion Ratio	Lower	Upper
180	100	
182	95.5	76.2 114.2
145	26.8	21.8 32.8

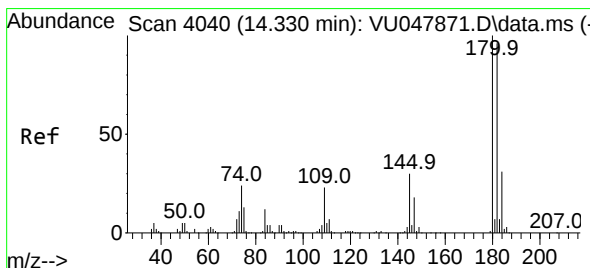
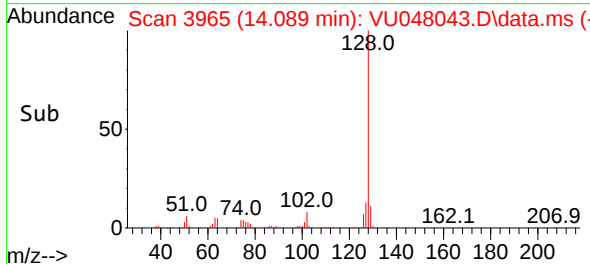
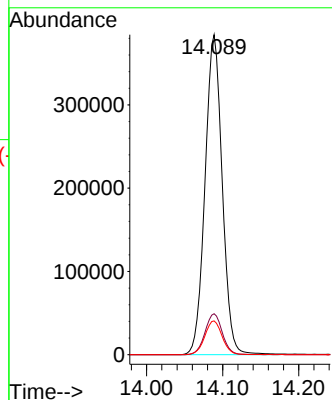
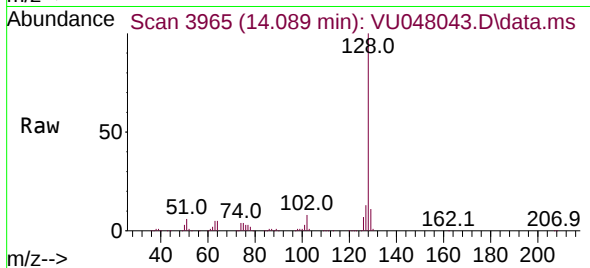




#71
Naphthalene
Concen: 46.261 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU048043.D
Acq: 14 Apr 2022 09:22

Instrument :
MSVOA_U
ClientSampleId :
VSTD050081

Tgt Ion:128 Resp: 604762
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 49.505 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU048043.D
Acq: 14 Apr 2022 09:22

Tgt Ion:180 Resp: 217607
Ion Ratio Lower Upper
180 100
182 95.4 77.4 116.0
145 28.8 22.8 34.2

