

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U032422\
 Data File : U047662.D
 Acq On : 25 Mar 2022 02:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050175

Quant Time: Mar 25 05:31:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 24 23:34:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	289982	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	291296	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	169227	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	105448	50.145	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 100.300%	
7) Chloroethane-d5	1.919	69	87502	52.773	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 105.540%	
11) 1,1-Dichloroethene-d2	2.575	63	197423	51.314	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 102.620%	
21) 2-Butanone-d5	4.636	46	212463	117.713	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 117.710%	
24) Chloroform-d	5.066	84	208482	54.184	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 108.360%	
26) 1,2-Dichloroethane-d4	5.703	65	131490	55.720	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 111.440%	
32) Benzene-d6	5.729	84	414344	56.528	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 113.060%	
36) 1,2-Dichloropropane-d6	6.693	67	129323	57.450	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 114.900%	
41) Toluene-d8	7.899	98	402233	56.324	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 112.640%	
43) trans-1,3-Dichloroprop...	8.179	79	63754	55.904	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 111.800%	
47) 2-Hexanone-d5	8.635	63	161805	122.787	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 122.790%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	220243	57.010	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 114.020%	
66) 1,2-Dichlorobenzene-d4	12.195	152	176469	58.614	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 117.220%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	135645	50.455	ug/L	100
3) Chloromethane	1.526	50	141791	55.149	ug/L	99
5) Vinyl chloride	1.607	62	137641	52.492	ug/L	99
6) Bromomethane	1.864	94	83825	59.394	ug/L	97
8) Chloroethane	1.938	64	92242	56.037	ug/L	99
9) Trichlorofluoromethane	2.144	101	181446	49.071	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	104602	48.940	ug/L	98
12) 1,1-Dichloroethene	2.584	96	104974	52.773	ug/L	95
13) Acetone	2.649	43	161932	96.408	ug/L	100
14) Carbon disulfide	2.800	76	314782	50.064	ug/L	100
15) Methyl Acetate	2.957	43	165525	61.801	ug/L	99
16) Methylene chloride	3.050	84	134909	59.104	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	114627	53.427	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	382626	63.213	ug/L	100
19) 1,1-Dichloroethane	3.874	63	216608	58.539	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	136017	57.827	ug/L	92
22) 2-Butanone	4.716	43	254120	117.449	ug/L	98
23) Bromochloromethane	4.980	128	77471	59.989	ug/L	98
25) Chloroform	5.092	83	230655	57.899	ug/L	99

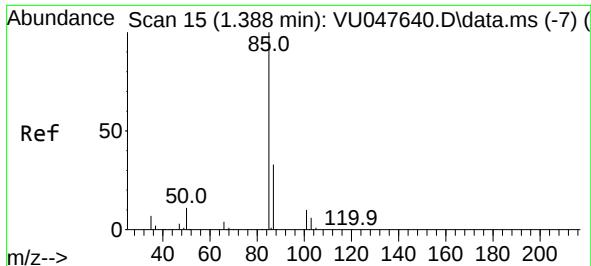
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
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 QLast Update : Thu Mar 24 23:34:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	182986	59.453	ug/L	98
29) Cyclohexane	5.391	56	163991	55.480	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	190950	57.811	ug/L	99
31) Carbon tetrachloride	5.529	117	165508	55.491	ug/L	98
33) Benzene	5.777	78	497254	58.975	ug/L	100
34) Trichloroethene	6.542	95	123549	55.891	ug/L	99
35) Methylcyclohexane	6.764	83	175399	52.157	ug/L	98
37) 1,2-Dichloropropane	6.793	63	132545	61.837	ug/L	100
38) Bromodichloromethane	7.108	83	178572	60.668	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	202335	60.837	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	458178	135.247	ug/L	99
42) Toluene	7.970	91	540611	58.435	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	199937	60.209	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	140635	61.865	ug/L	99
46) Tetrachloroethene	8.555	164	104357	52.534	ug/L	98
48) 2-Hexanone	8.687	43	386655	132.687	ug/L	99
49) Dibromochloromethane	8.809	129	158635	60.249	ug/L	99
50) 1,2-Dibromoethane	8.925	107	157763	61.904	ug/L	100
51) Chlorobenzene	9.446	112	352189	56.066	ug/L	98
52) Ethylbenzene	9.571	91	551315	56.675	ug/L	98
53) m,p-Xylene	9.693	106	218533	57.254	ug/L	99
54) o-Xylene	10.102	106	215060	57.408	ug/L	97
55) Styrene	10.115	104	375501	58.709	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	262597	61.617	ug/L	99
59) Bromoform	10.291	173	137201	63.403	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	206173	64.627	ug/L	99
61) Isopropylbenzene	10.484	105	537902	58.814	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	293219	59.089	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	458644	60.847	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	288484	56.750	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	291175	55.299	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	297698	58.527	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	67848	66.394	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	222427	53.876	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	205406	56.802	ug/L	100
71) Naphthalene	14.085	128	699973	64.925	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	210999	58.204	ug/L	99

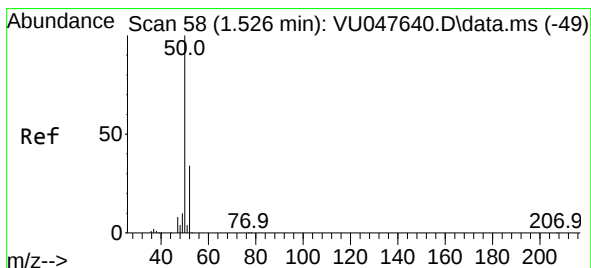
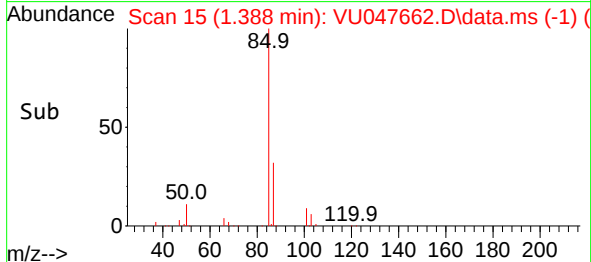
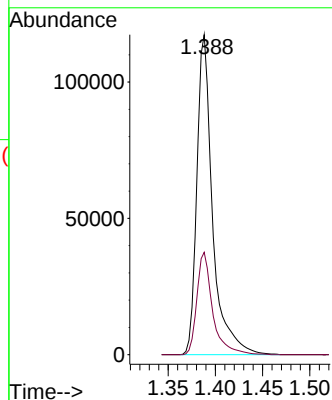
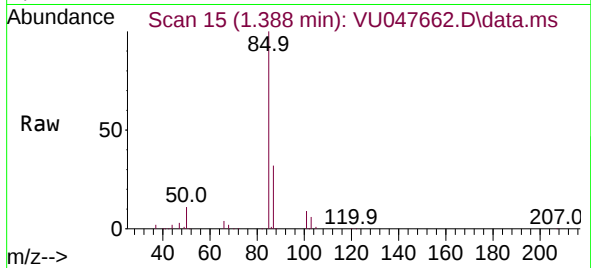
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 50.455 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

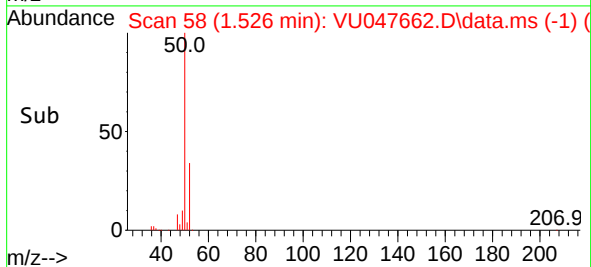
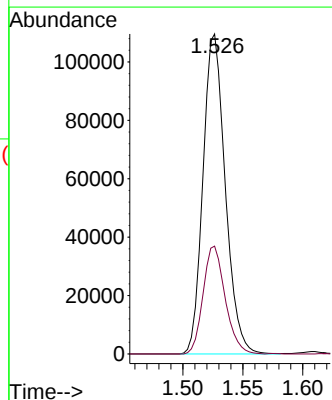
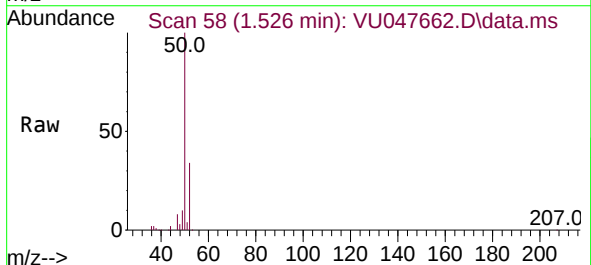
Instrument :
MSVOA_U
ClientSampleId :
VSTD050175

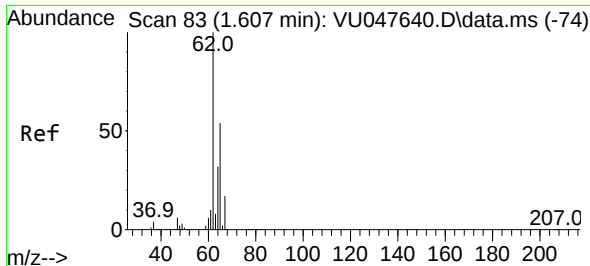
Tgt Ion: 85 Resp: 135645
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.8



#3
Chloromethane
Concen: 55.149 ug/L
RT: 1.526 min Scan# 58
Delta R.T. -0.000 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

Tgt Ion: 50 Resp: 141791
Ion Ratio Lower Upper
50 100
52 33.7 23.2 43.2

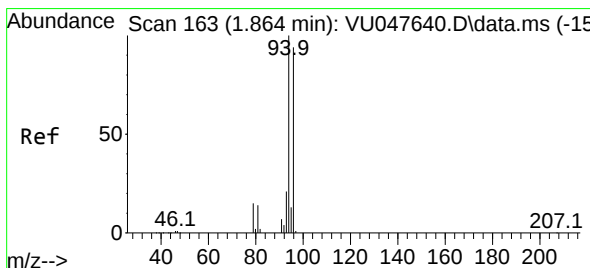
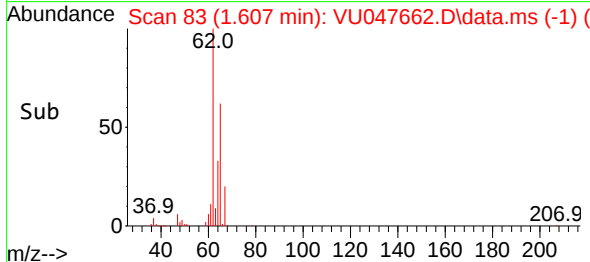
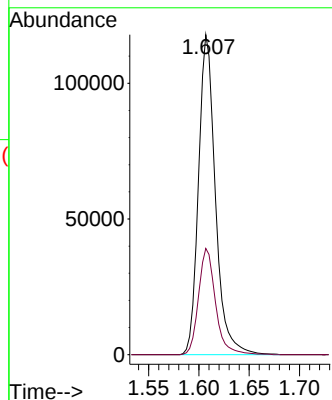
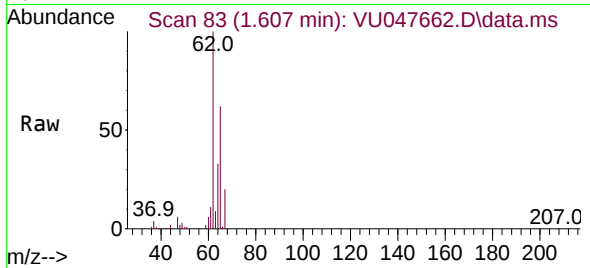




#5
 Vinyl chloride
 Concen: 52.492 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU047662.D
 Acq: 25 Mar 2022 02:48

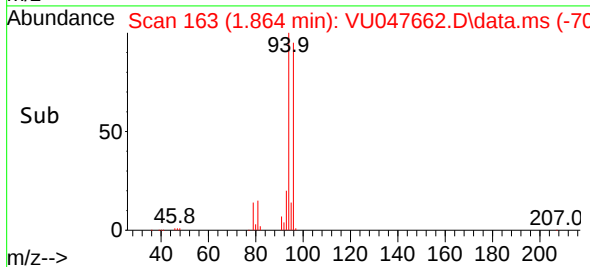
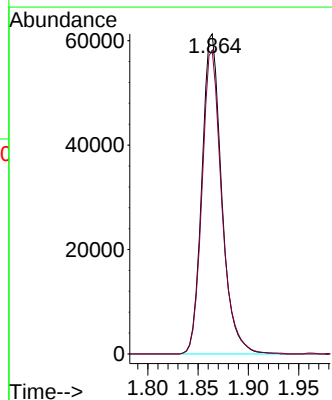
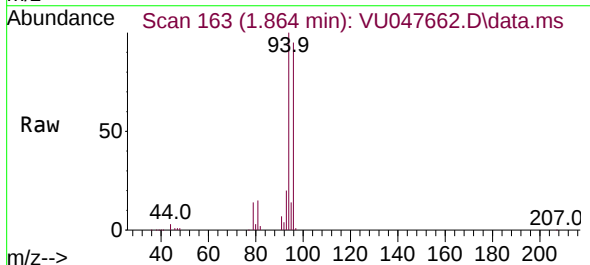
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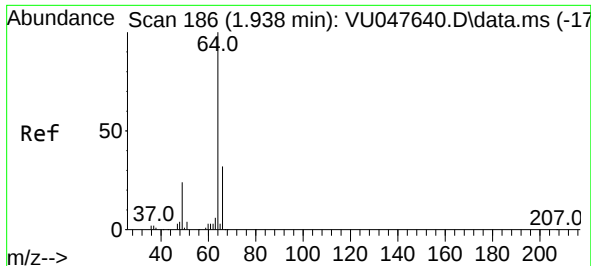
Tgt Ion: 62 Resp: 137641
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.7 43.9



#6
 Bromomethane
 Concen: 59.394 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU047662.D
 Acq: 25 Mar 2022 02:48

Tgt Ion: 94 Resp: 83825
 Ion Ratio Lower Upper
 94 100
 96 94.9 64.8 120.3

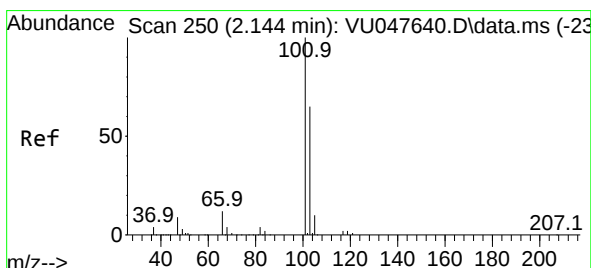
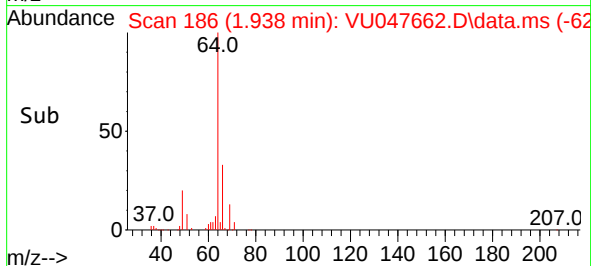
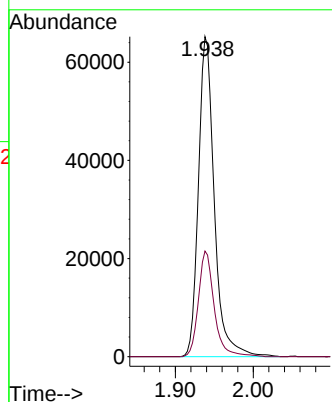
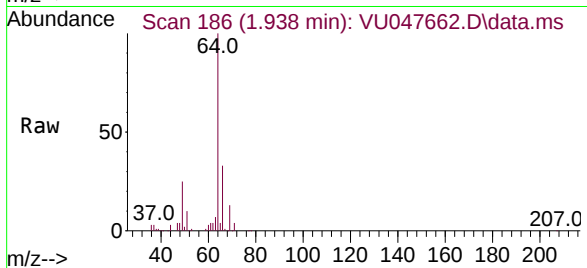




#8
Chloroethane
Concen: 56.037 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

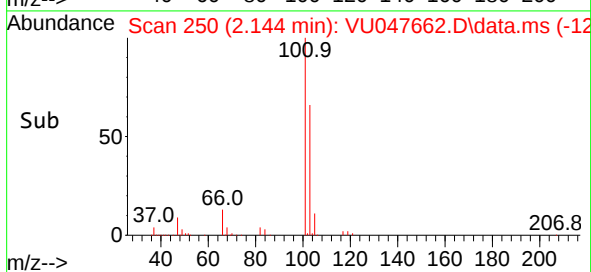
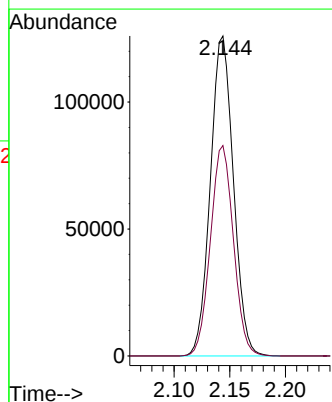
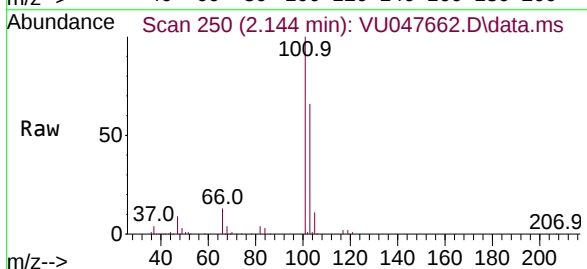
Instrument :
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ClientSampleId :
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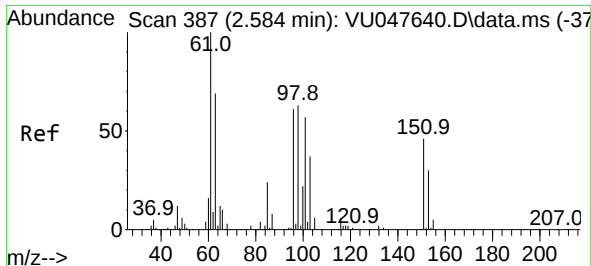
Tgt Ion: 64 Resp: 92242
Ion Ratio Lower Upper
64 100
66 33.0 23.3 43.3



#9
Trichlorofluoromethane
Concen: 49.071 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

Tgt Ion: 101 Resp: 181446
Ion Ratio Lower Upper
101 100
103 65.7 51.4 77.2

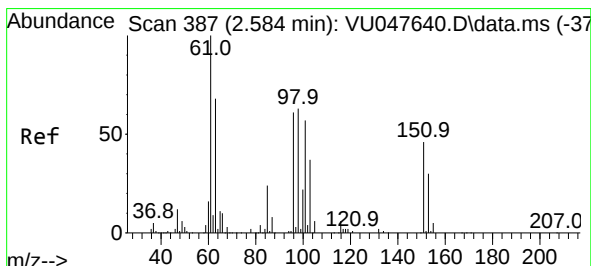
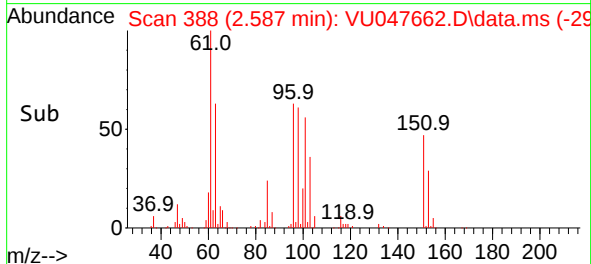
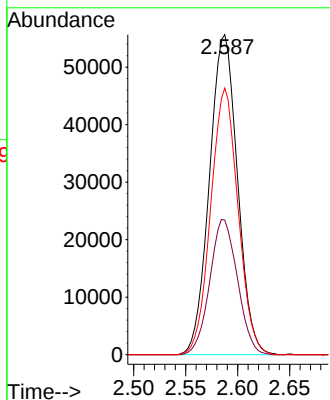
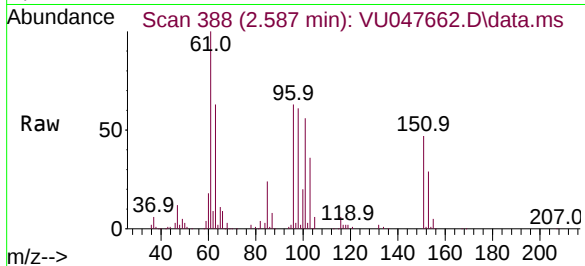




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 48.940 ug/L
RT: 2.587 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

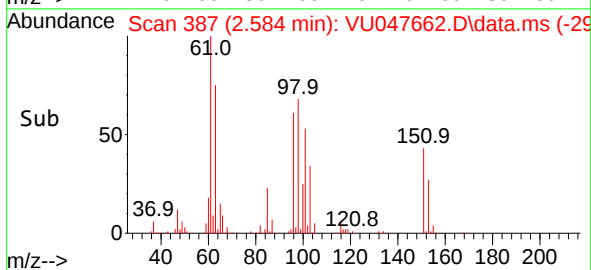
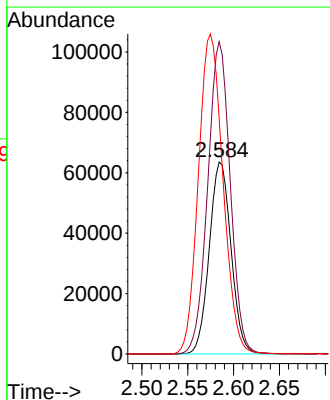
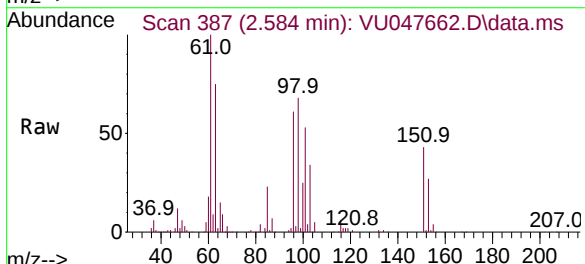
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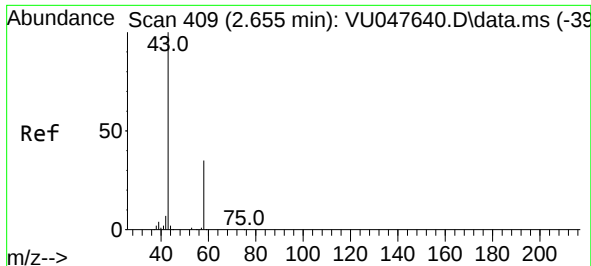
Tgt Ion:101 Resp: 104602
Ion Ratio Lower Upper
101 100
85 41.6 32.8 49.2
151 81.2 63.0 94.6



#12
1,1-Dichloroethene
Concen: 52.773 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

Tgt Ion: 96 Resp: 104974
Ion Ratio Lower Upper
96 100
61 162.6 113.1 210.1
63 122.8 94.8 176.0





#13

Acetone

Concen: 96.408 ug/L

RT: 2.649 min Scan# 407

Delta R.T. -0.006 min

Lab File: VU047662.D

Acq: 25 Mar 2022 02:48

Instrument :

MSVOA_U

ClientSampleId :

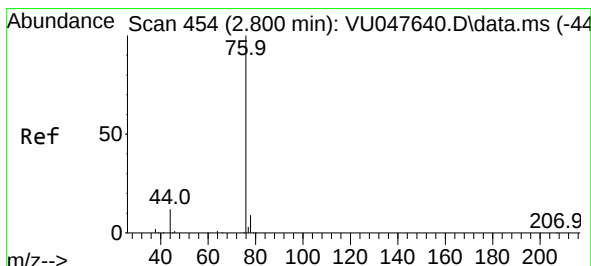
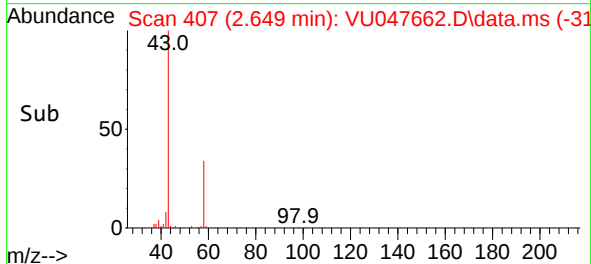
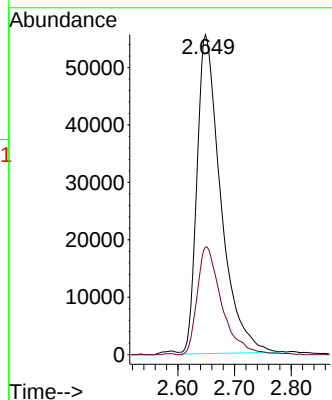
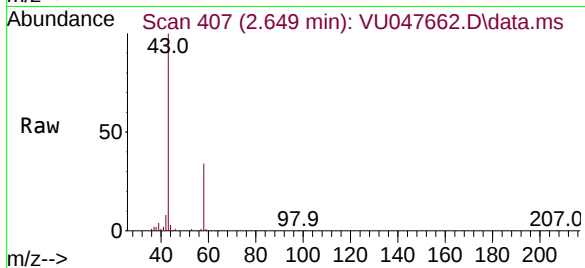
VSTD050175

Tgt Ion: 43 Resp: 161932

Ion Ratio Lower Upper

43 100

58 34.9 0.0 70.0



#14

Carbon disulfide

Concen: 50.064 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU047662.D

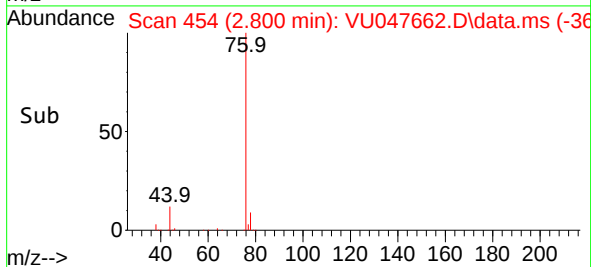
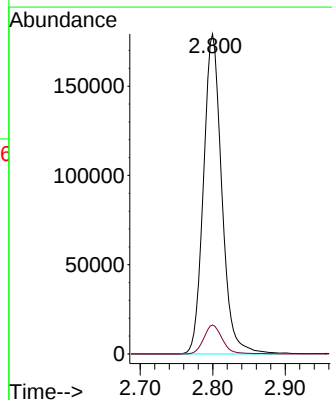
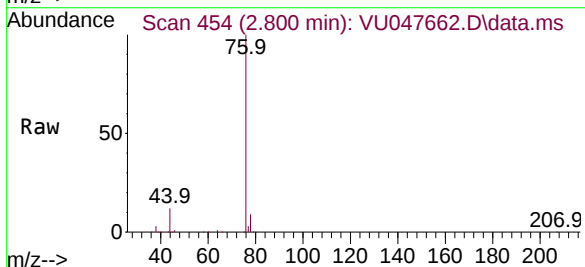
Acq: 25 Mar 2022 02:48

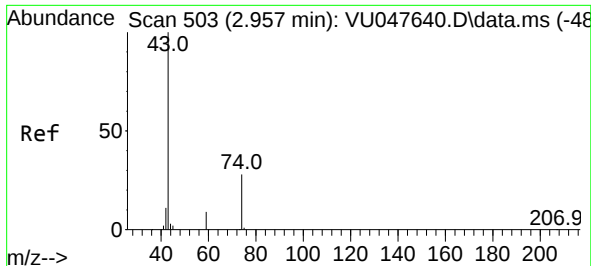
Tgt Ion: 76 Resp: 314782

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

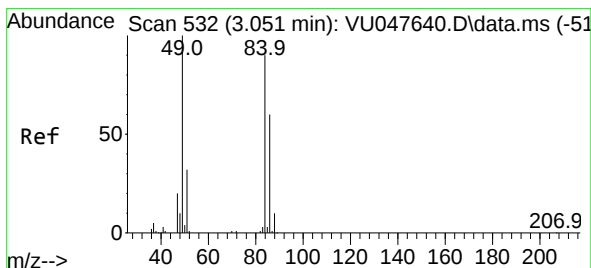
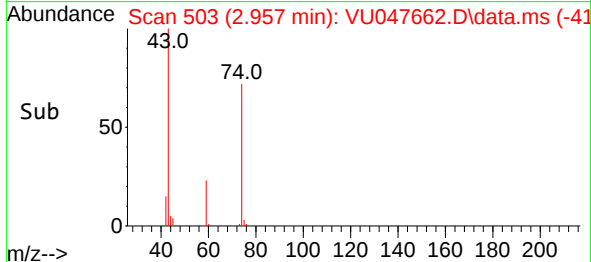
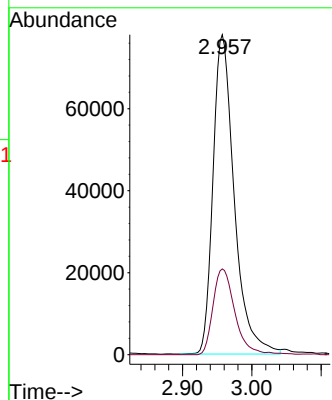
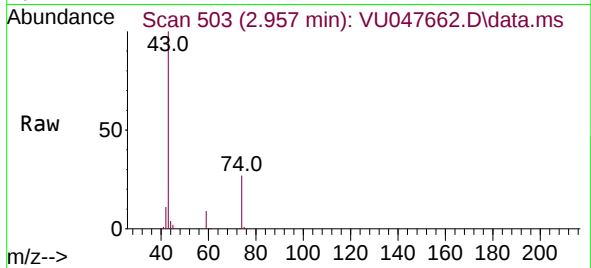




#15
Methyl Acetate
Concen: 61.801 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

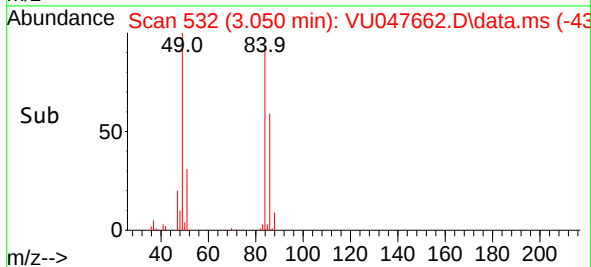
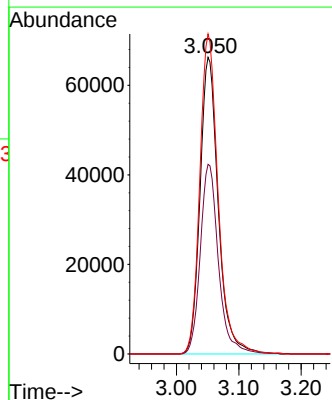
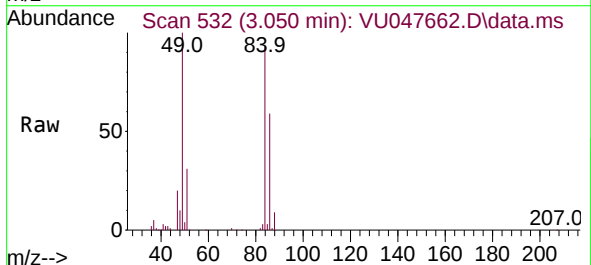
Instrument :
MSVOA_U
ClientSampleId :
VSTD050175

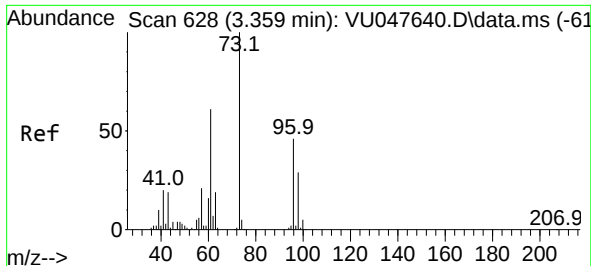
Tgt Ion: 43 Resp: 165525
Ion Ratio Lower Upper
43 100
74 27.3 22.2 33.2



#16
Methylene chloride
Concen: 59.104 ug/L
RT: 3.050 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

Tgt Ion: 84 Resp: 134909
Ion Ratio Lower Upper
84 100
86 63.9 46.0 85.4
49 107.8 75.3 139.8

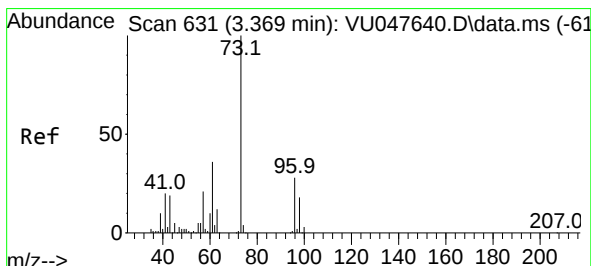
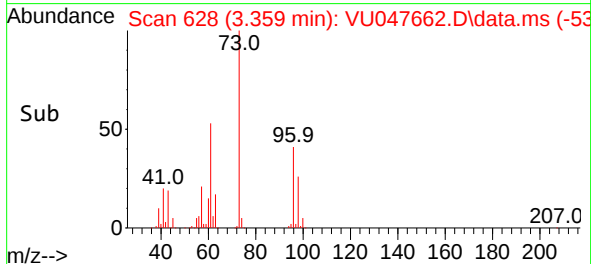
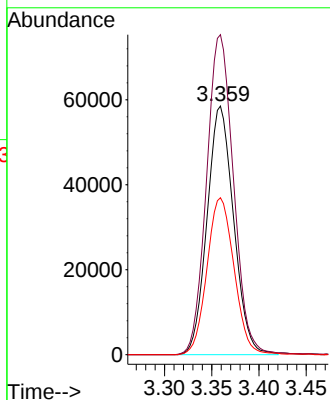
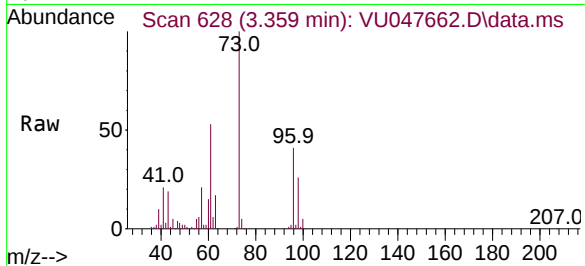




#17
trans-1,2-Dichloroethene
Concen: 53.427 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

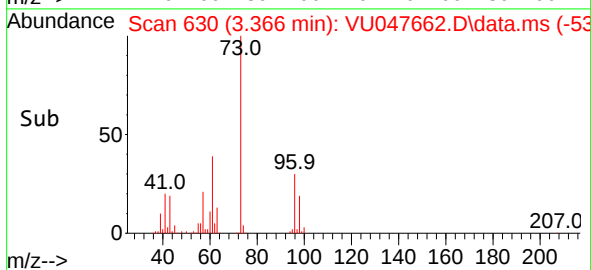
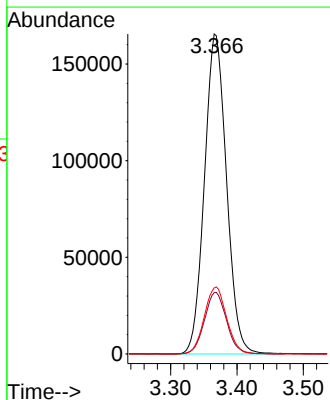
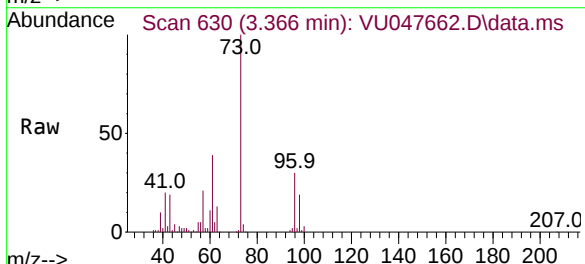
Instrument :
MSVOA_U
ClientSampleId :
VSTD050175

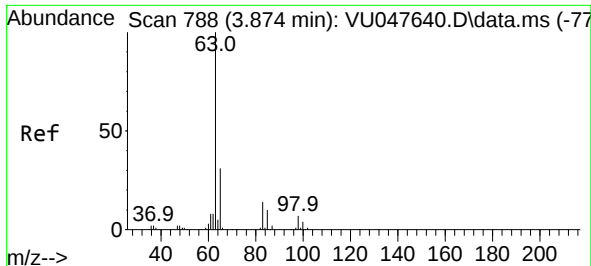
Tgt Ion: 96 Resp: 114627
Ion Ratio Lower Upper
96 100
61 128.7 88.4 164.2
98 63.1 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 63.213 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.003 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

Tgt Ion: 73 Resp: 382626
Ion Ratio Lower Upper
73 100
43 19.4 15.3 22.9
57 21.2 17.0 25.6





#19

1,1-Dichloroethane

Concen: 58.539 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.000 min

Lab File: VU047662.D

Acq: 25 Mar 2022 02:48

Instrument :

MSVOA_U

ClientSampleId :

VSTD050175

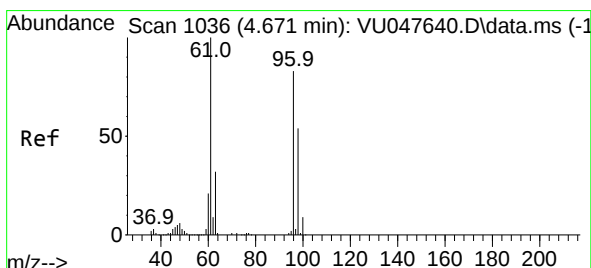
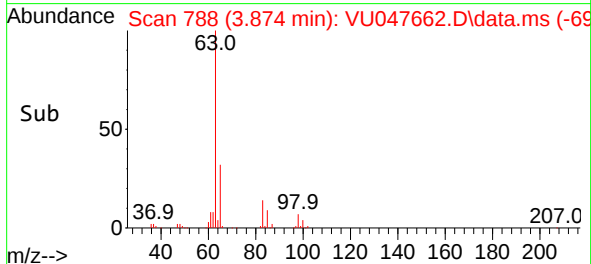
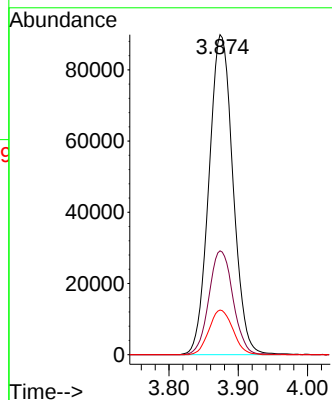
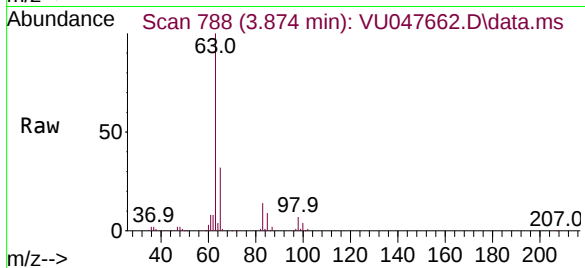
Tgt Ion: 63 Resp: 216608

Ion Ratio Lower Upper

63 100

65 32.5 22.0 41.0

83 13.9 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 57.827 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047662.D

Acq: 25 Mar 2022 02:48

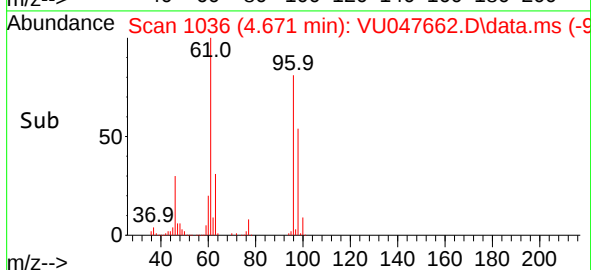
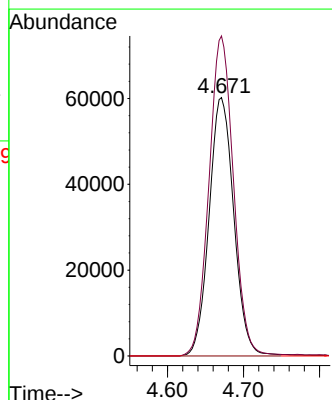
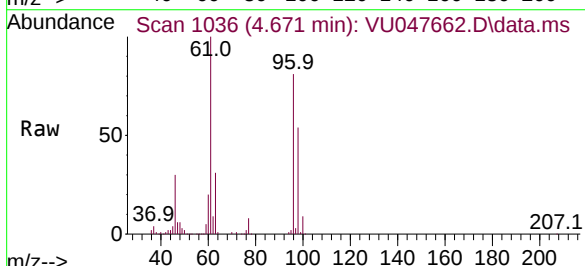
Tgt Ion: 96 Resp: 136017

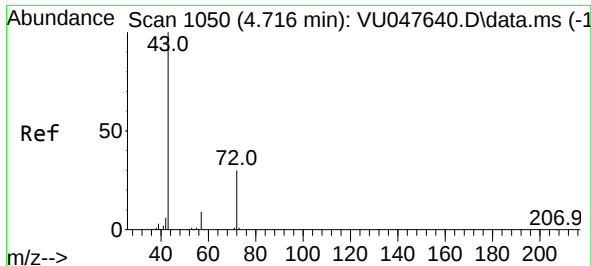
Ion Ratio Lower Upper

96 100

61 123.8 80.7 149.9

68 0.0 0.0 0.0

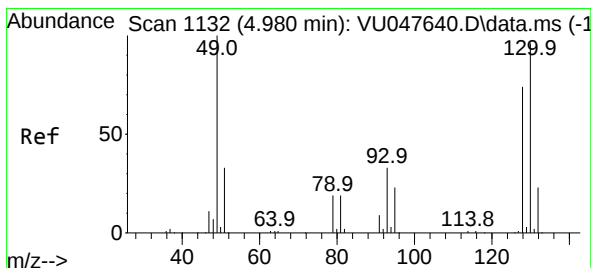
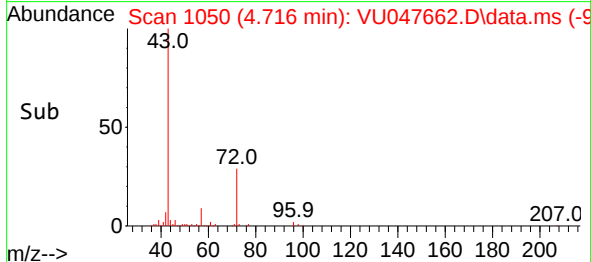
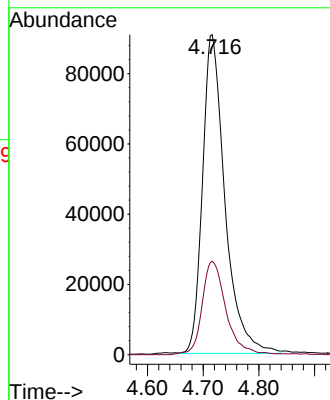
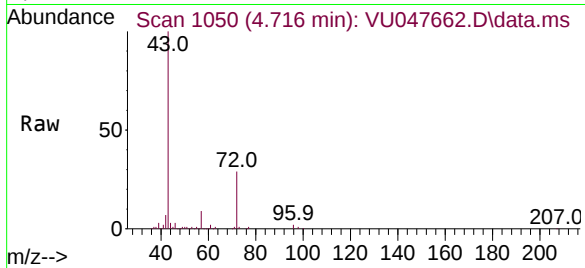




#22
2-Butanone
Concen: 117.449 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

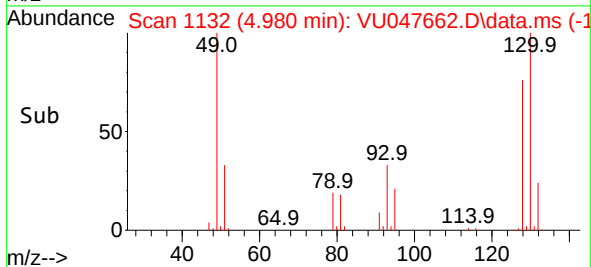
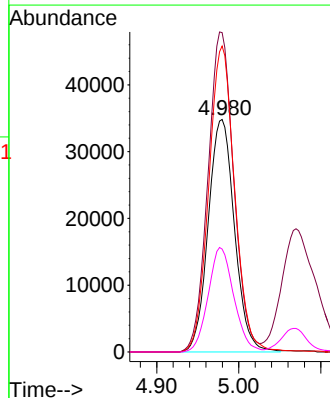
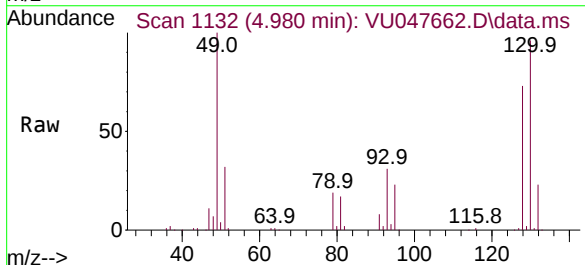
Instrument :
MSVOA_U
ClientSampleId :
VSTD050175

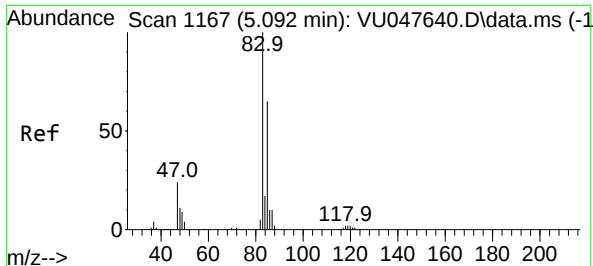
Tgt Ion: 43 Resp: 254120
Ion Ratio Lower Upper
43 100
72 30.8 16.0 47.9



#23
Bromochloromethane
Concen: 59.989 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

Tgt Ion: 128 Resp: 77471
Ion Ratio Lower Upper
128 100
49 137.4 94.1 174.8
130 131.6 90.2 167.4
51 44.2 35.8 53.6





#25

Chloroform

Concen: 57.899 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047662.D

Acq: 25 Mar 2022 02:48

Instrument :

MSVOA_U

ClientSampleId :

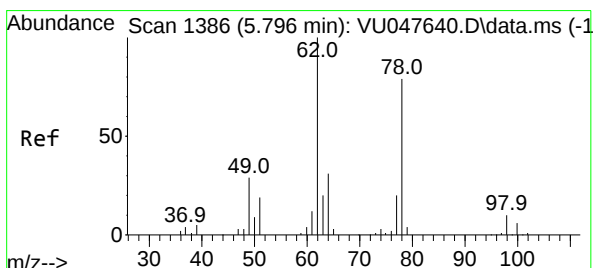
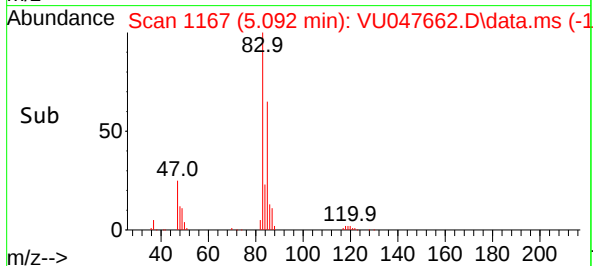
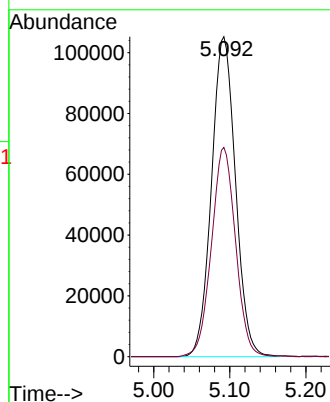
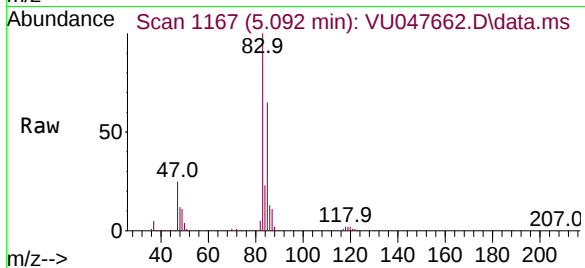
VSTD050175

Tgt Ion: 83 Resp: 230655

Ion Ratio Lower Upper

83 100

85 65.4 46.2 85.8



#27

1,2-Dichloroethane

Concen: 59.453 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU047662.D

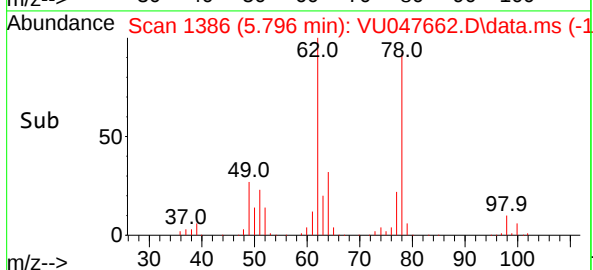
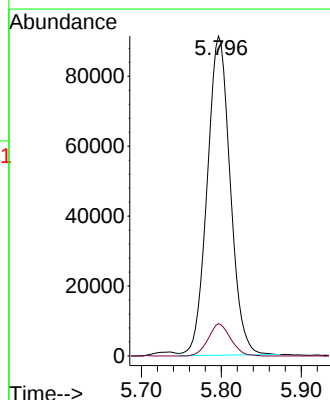
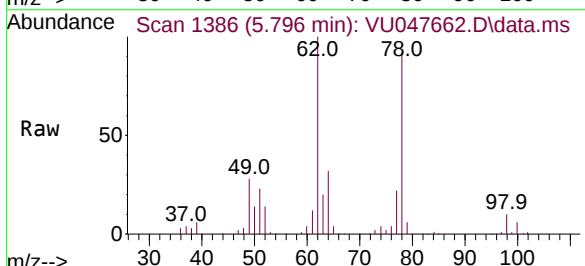
Acq: 25 Mar 2022 02:48

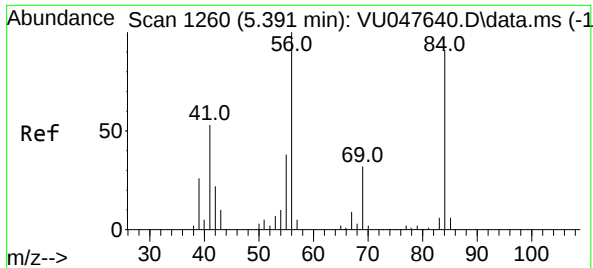
Tgt Ion: 62 Resp: 182986

Ion Ratio Lower Upper

62 100

98 10.1 7.4 11.0





#29

Cyclohexane

Concen: 55.480 ug/L

RT: 5.391 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU047662.D

Acq: 25 Mar 2022 02:48

Instrument :

MSVOA_U

ClientSampleId :

VSTD050175

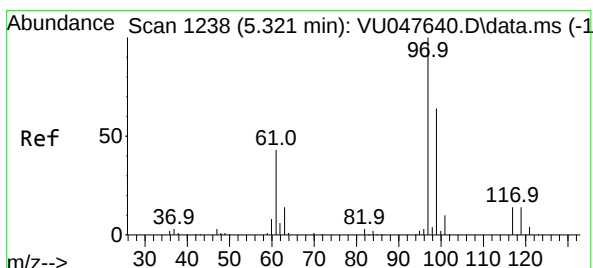
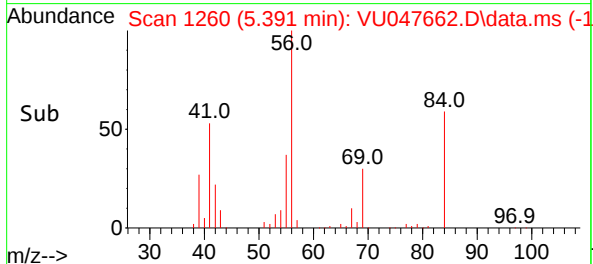
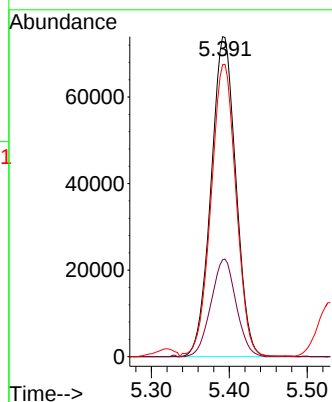
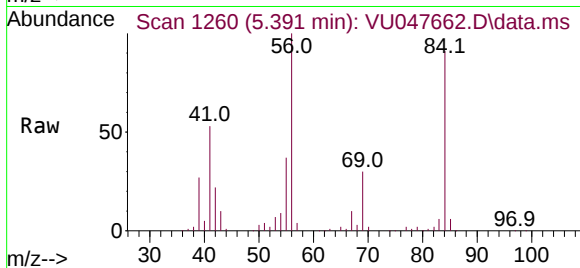
Tgt Ion: 56 Resp: 163991

Ion Ratio Lower Upper

56 100

69 30.8 25.4 38.2

84 91.3 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 57.811 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047662.D

Acq: 25 Mar 2022 02:48

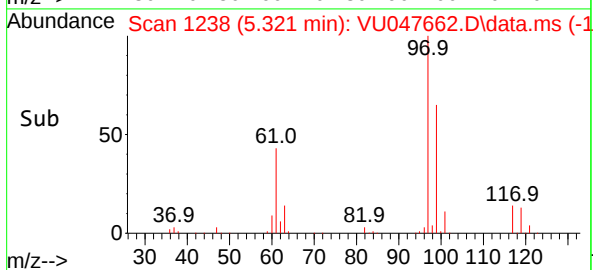
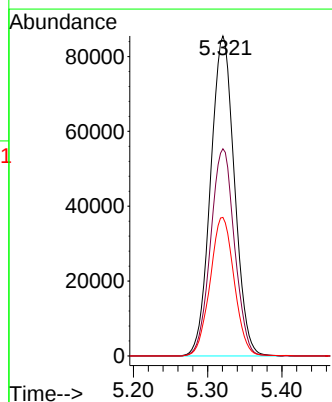
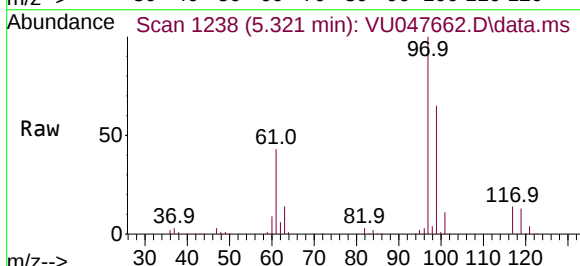
Tgt Ion: 97 Resp: 190950

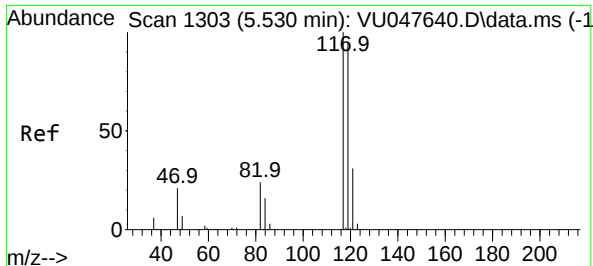
Ion Ratio Lower Upper

97 100

99 64.9 51.6 77.4

61 43.7 34.2 51.4

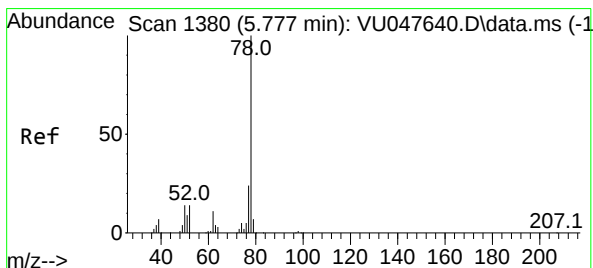
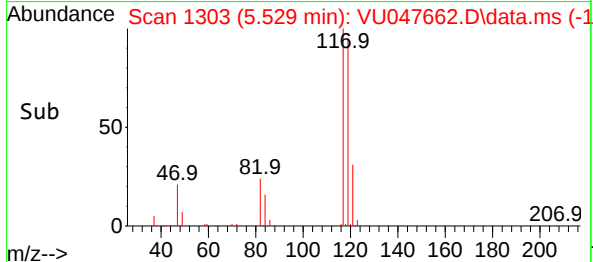
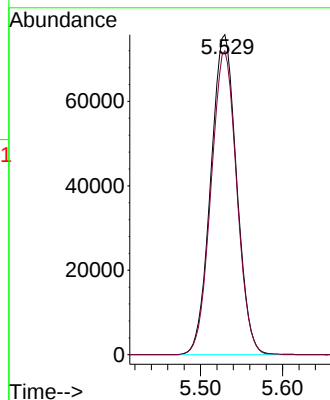
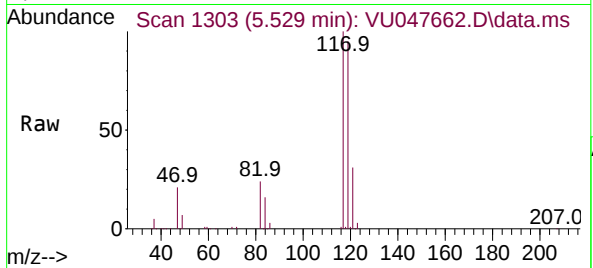




#31
Carbon tetrachloride
Concen: 55.491 ug/L
RT: 5.529 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

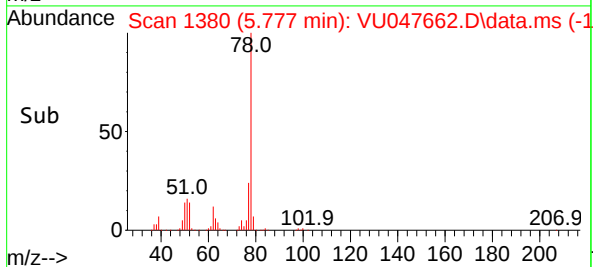
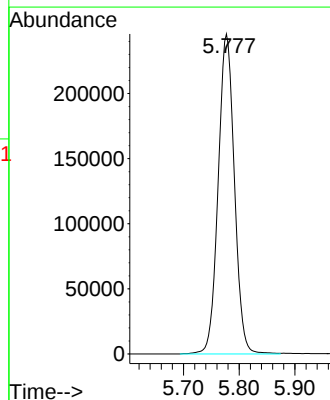
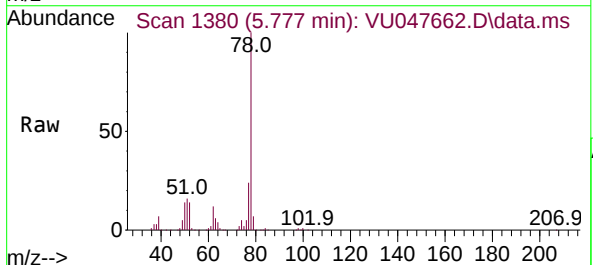
Instrument :
MSVOA_U
ClientSampleId :
VSTD050175

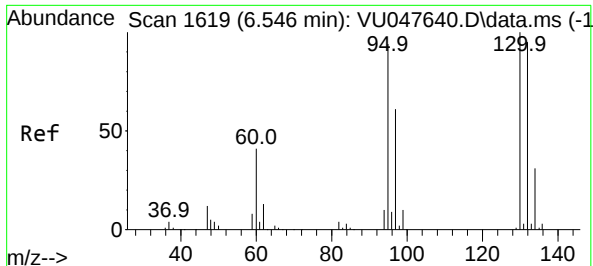
Tgt Ion:117 Resp: 165508
Ion Ratio Lower Upper
117 100
119 94.5 77.2 115.8



#33
Benzene
Concen: 58.975 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

Tgt Ion: 78 Resp: 497254

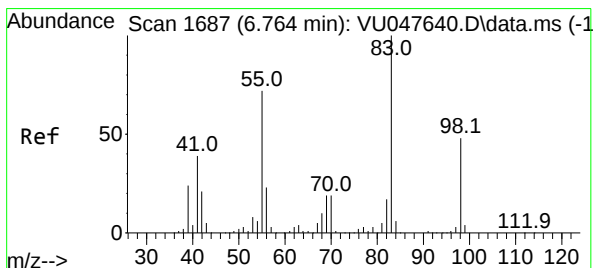
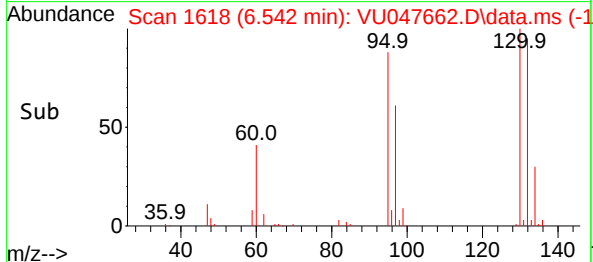
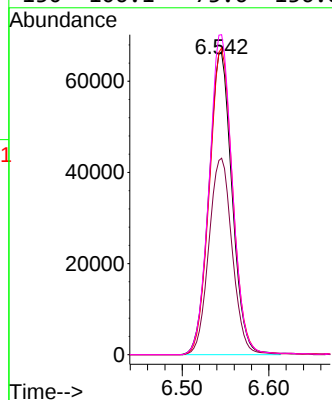
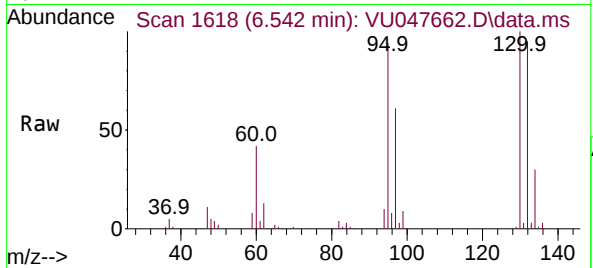




#34
Trichloroethene
Concen: 55.891 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

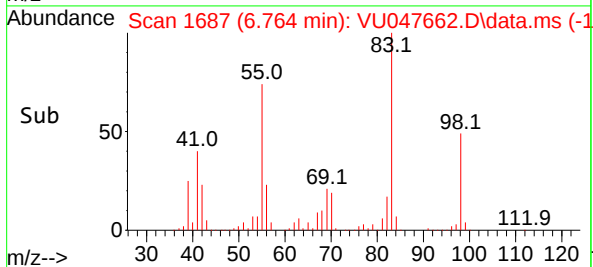
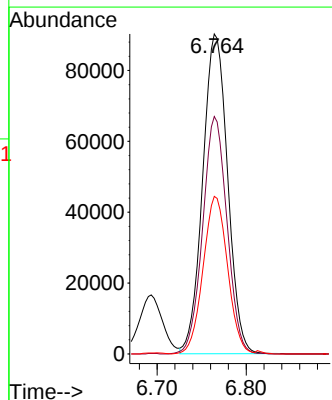
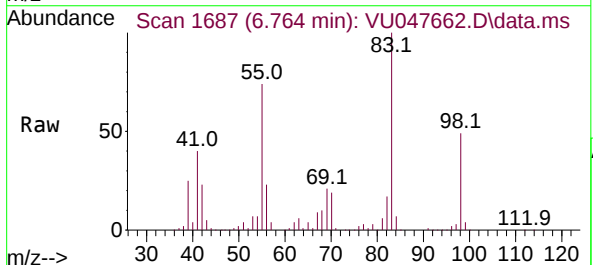
Instrument :
MSVOA_U
ClientSampleId :
VSTD050175

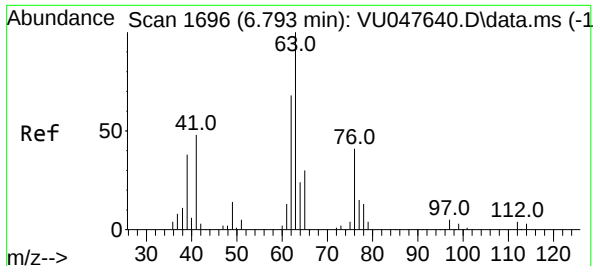
Tgt Ion: 95 Resp: 123549
Ion Ratio Lower Upper
95 100
97 64.5 44.7 82.9
132 100.4 70.4 130.8
130 106.1 73.6 136.8



#35
Methylcyclohexane
Concen: 52.157 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

Tgt Ion: 83 Resp: 175399
Ion Ratio Lower Upper
83 100
55 72.5 56.8 85.2
98 48.4 38.1 57.1





#37

1,2-Dichloropropane

Concen: 61.837 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047662.D

Acq: 25 Mar 2022 02:48

Instrument :

MSVOA_U

ClientSampleId :

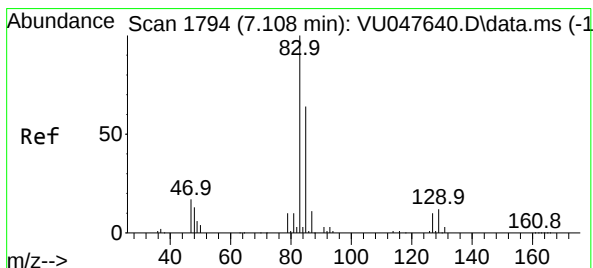
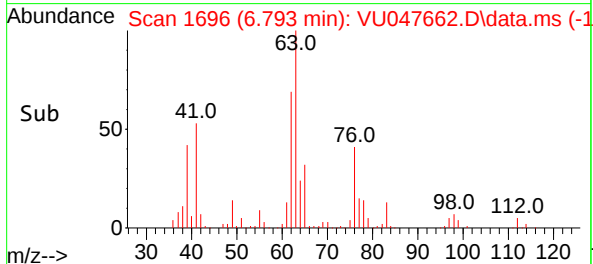
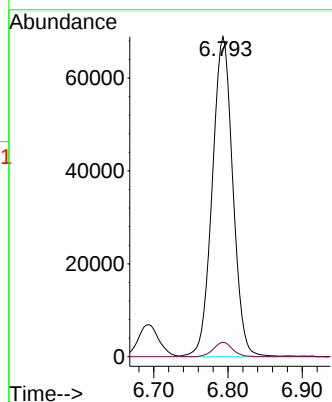
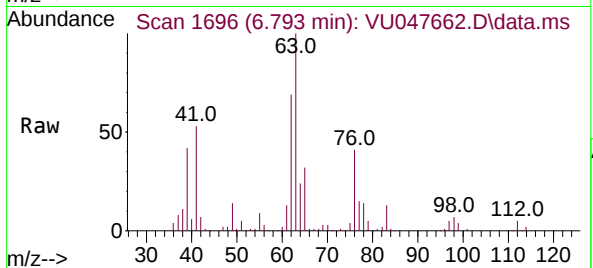
VSTD050175

Tgt Ion: 63 Resp: 132545

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.2



#38

Bromodichloromethane

Concen: 60.668 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU047662.D

Acq: 25 Mar 2022 02:48

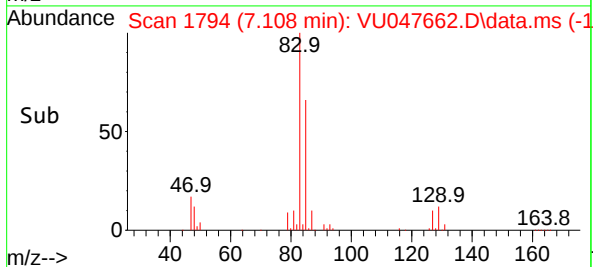
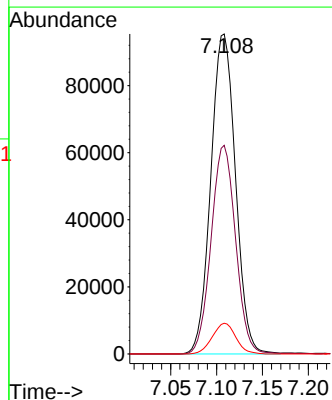
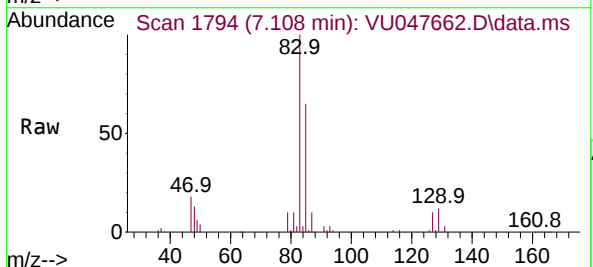
Tgt Ion: 83 Resp: 178572

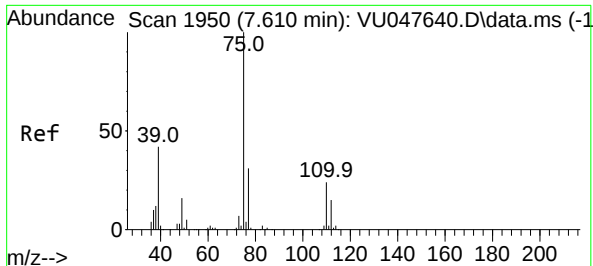
Ion Ratio Lower Upper

83 100

85 65.2 44.4 82.4

127 9.6 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 60.837 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047662.D

Acq: 25 Mar 2022 02:48

Instrument :

MSVOA_U

ClientSampleId :

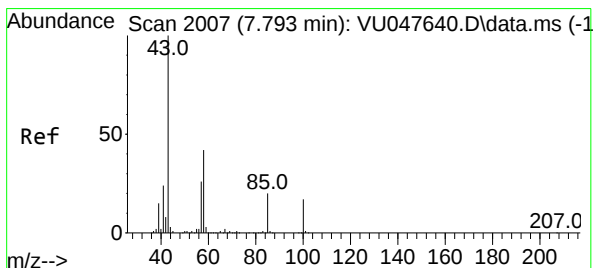
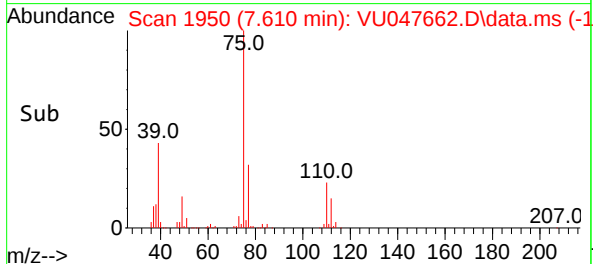
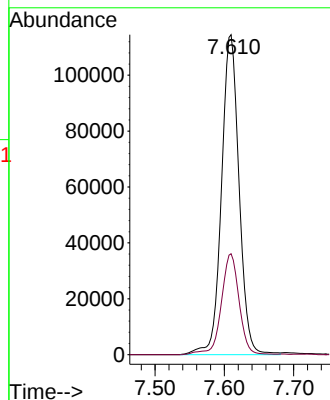
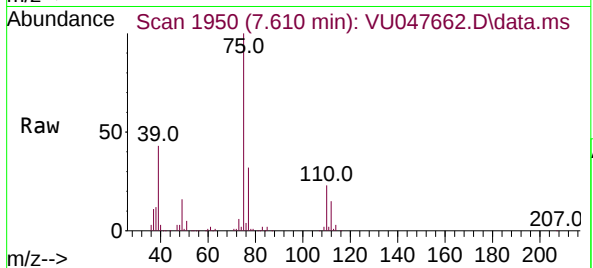
VSTD050175

Tgt Ion: 75 Resp: 202335

Ion Ratio Lower Upper

75 100

77 31.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 135.247 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU047662.D

Acq: 25 Mar 2022 02:48

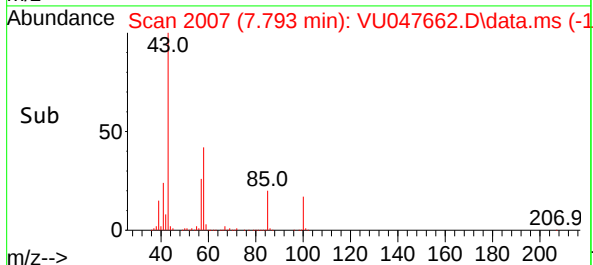
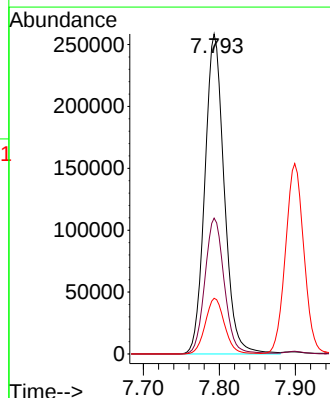
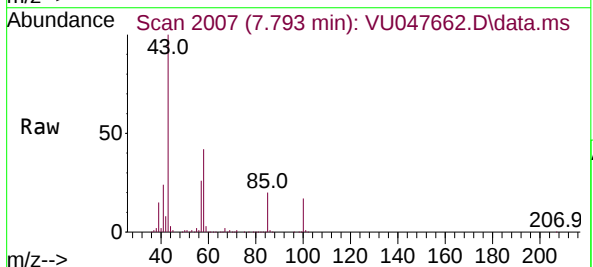
Tgt Ion: 43 Resp: 458178

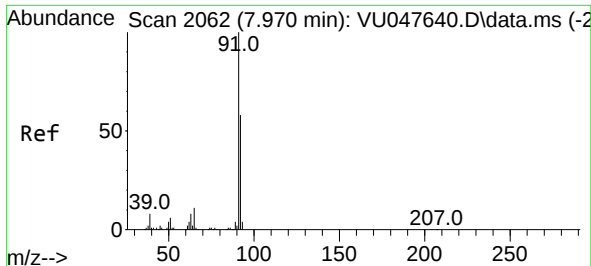
Ion Ratio Lower Upper

43 100

58 42.5 34.7 52.1

100 17.3 14.2 21.2





#42

Toluene

Concen: 58.435 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU047662.D

Acq: 25 Mar 2022 02:48

Instrument :

MSVOA_U

ClientSampleId :

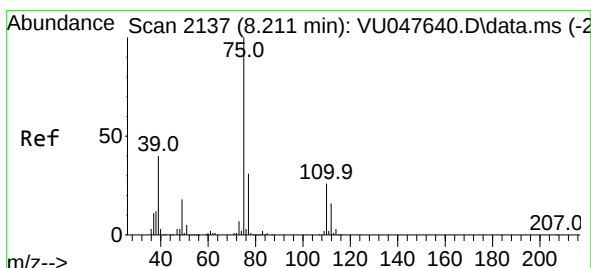
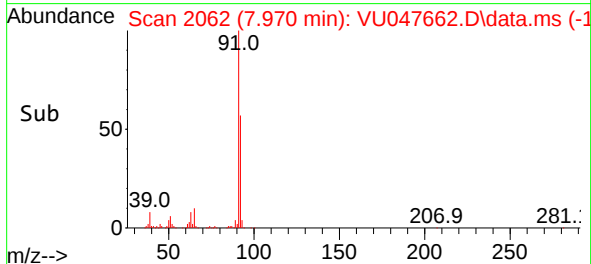
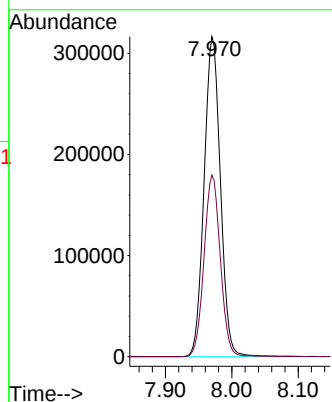
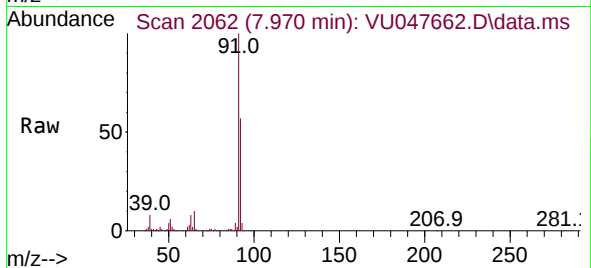
VSTD050175

Tgt Ion: 91 Resp: 540611

Ion Ratio Lower Upper

91 100

92 56.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 60.209 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU047662.D

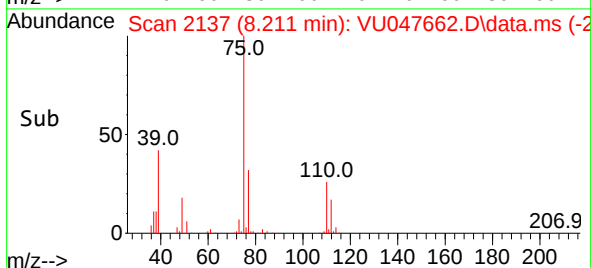
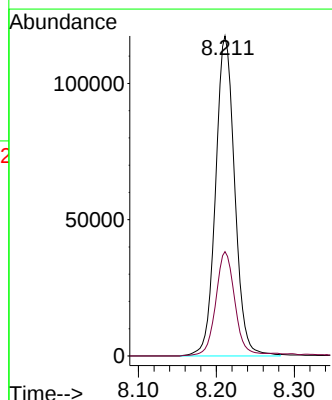
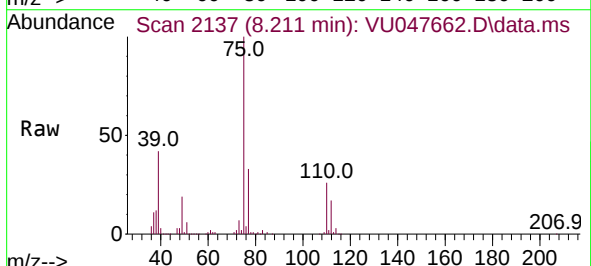
Acq: 25 Mar 2022 02:48

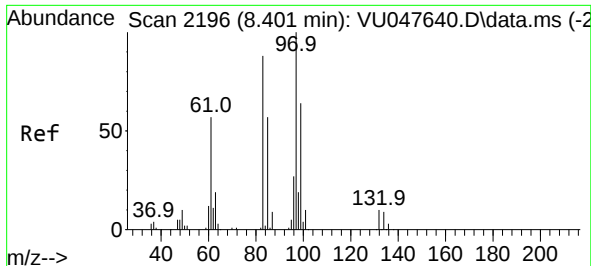
Tgt Ion: 75 Resp: 199937

Ion Ratio Lower Upper

75 100

77 32.6 22.0 40.8



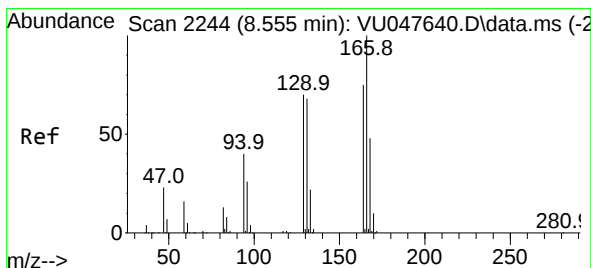
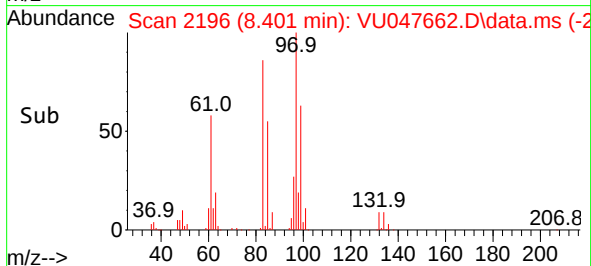
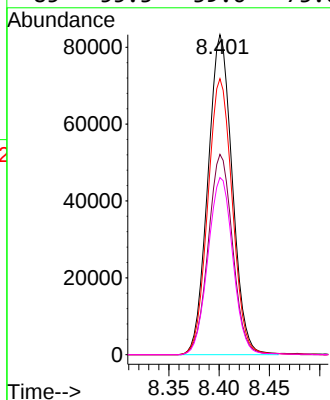
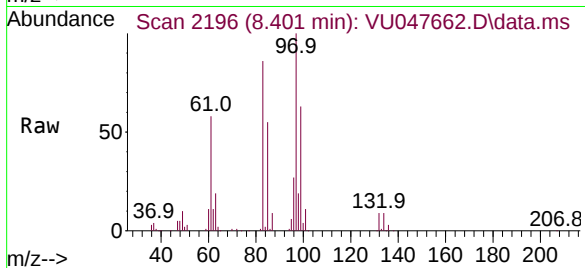


#45
1,1,2-Trichloroethane
Concen: 61.865 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

Instrument :
MSVOA_U
ClientSampleId :
VSTD050175

Tgt Ion: 97 Resp: 140635

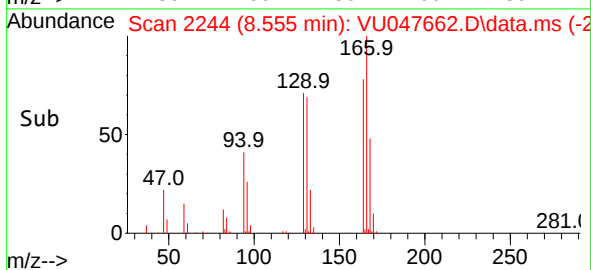
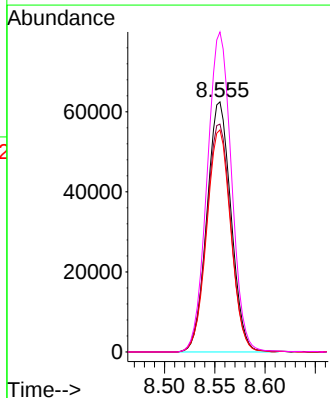
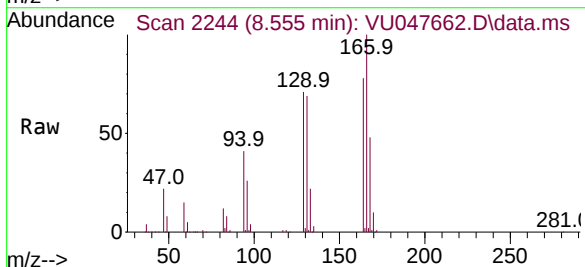
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.3	80.3
83	86.2	61.0	113.4
85	55.3	39.6	73.6

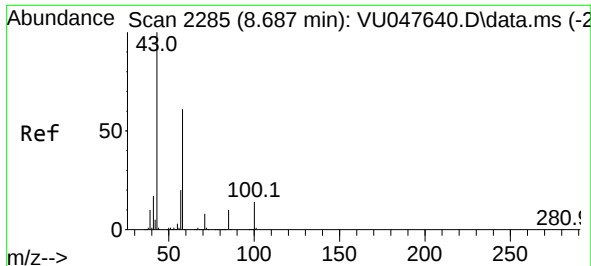


#46
Tetrachloroethene
Concen: 52.534 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

Tgt Ion: 164 Resp: 104357

Ion	Ratio	Lower	Upper
164	100		
129	91.1	62.4	116.0
131	88.8	60.7	112.7
166	128.0	89.0	165.4



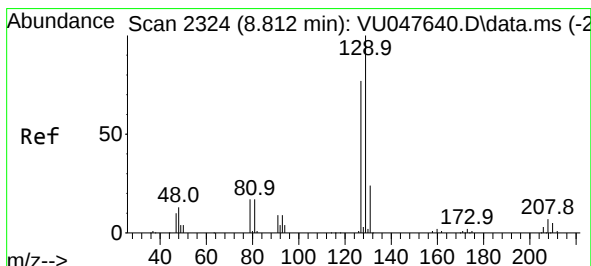
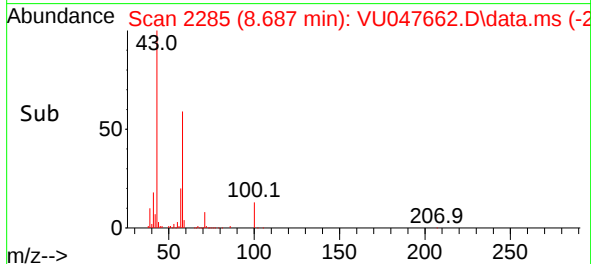
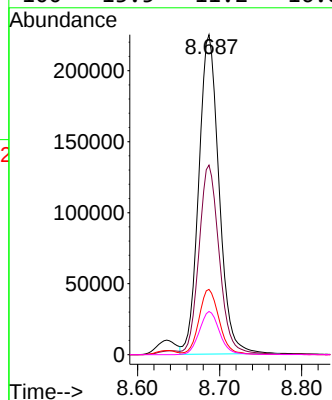
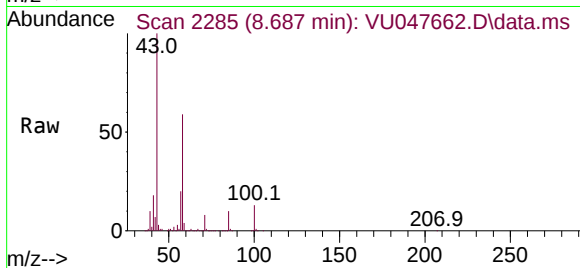


#48
2-Hexanone
Concen: 132.687 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

Instrument :
MSVOA_U
ClientSampleId :
VSTD050175

Tgt Ion: 43 Resp: 386655

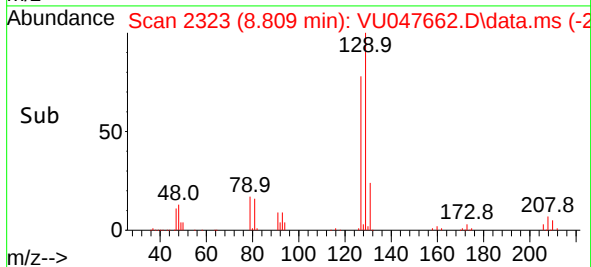
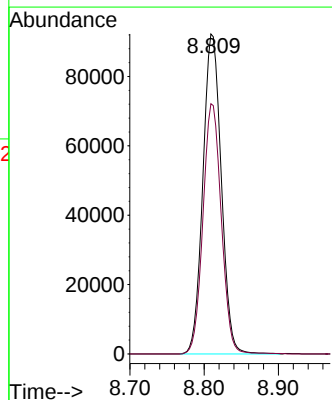
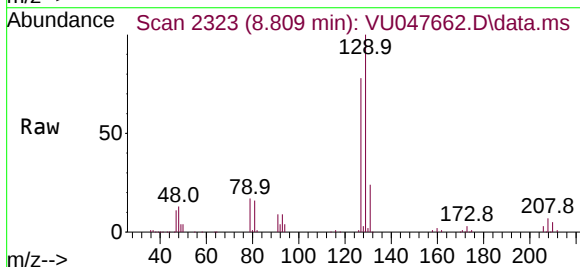
Ion	Ratio	Lower	Upper
43	100		
58	59.4	48.1	72.1
57	20.4	16.2	24.4
100	13.5	11.2	16.8

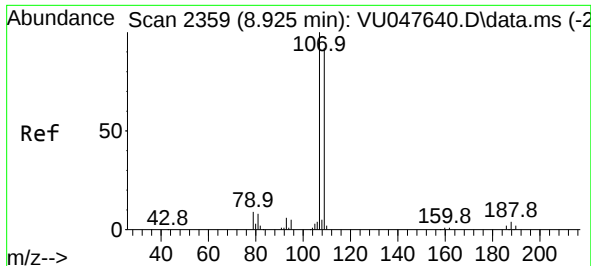


#49
Dibromochloromethane
Concen: 60.249 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

Tgt Ion: 129 Resp: 158635

Ion	Ratio	Lower	Upper
129	100		
127	78.2	54.2	100.6





#50

1,2-Dibromoethane

Concen: 61.904 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047662.D

Acq: 25 Mar 2022 02:48

Instrument :

MSVOA_U

ClientSampleId :

VSTD050175

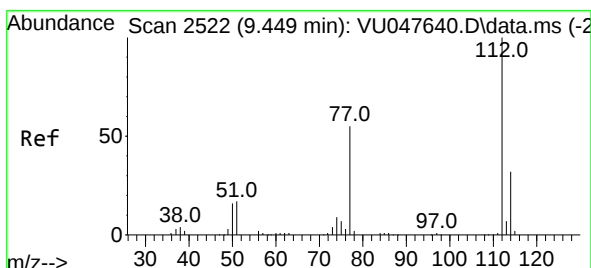
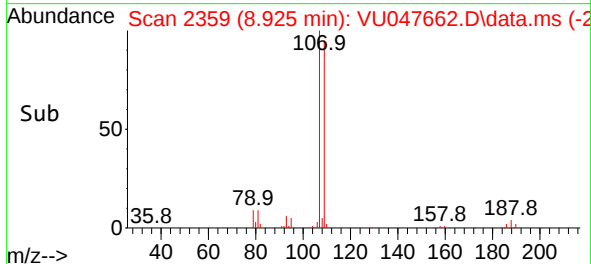
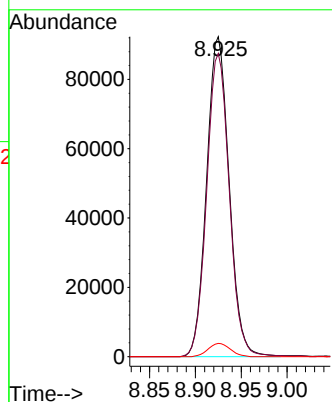
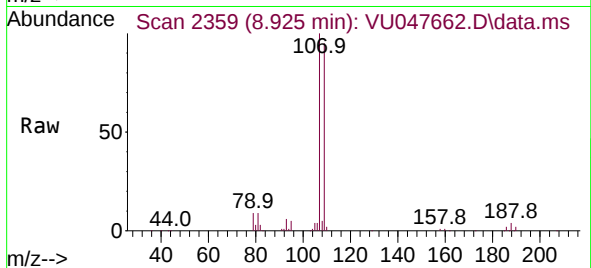
Tgt Ion:107 Resp: 157763

Ion Ratio Lower Upper

107 100

109 94.7 66.6 123.6

188 4.2 3.4 5.2



#51

Chlorobenzene

Concen: 56.066 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU047662.D

Acq: 25 Mar 2022 02:48

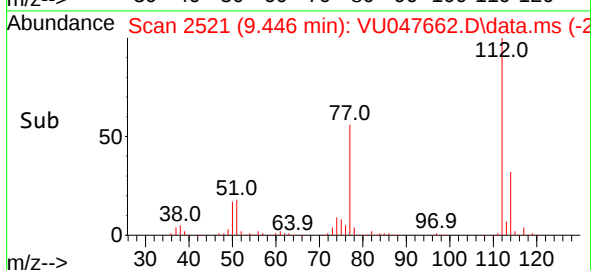
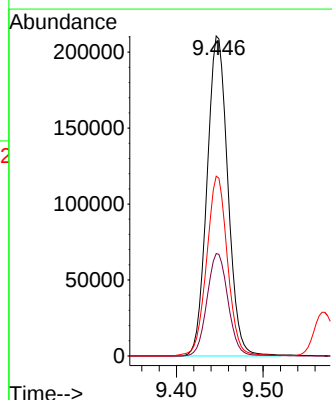
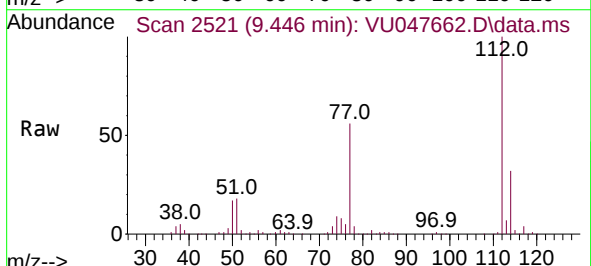
Tgt Ion:112 Resp: 352189

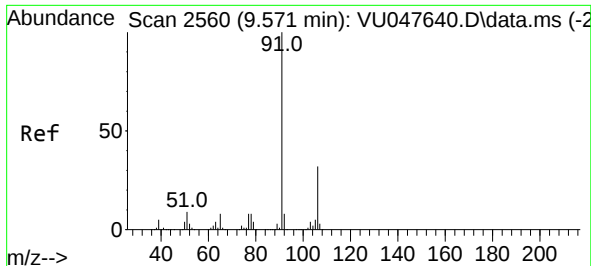
Ion Ratio Lower Upper

112 100

114 32.0 22.1 41.1

77 56.2 43.4 65.0

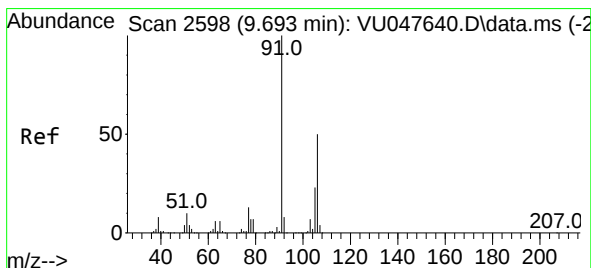
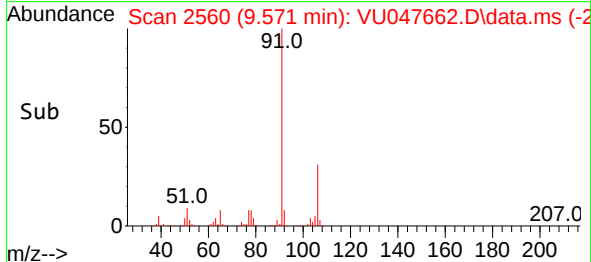
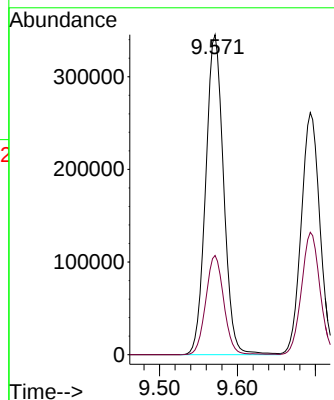
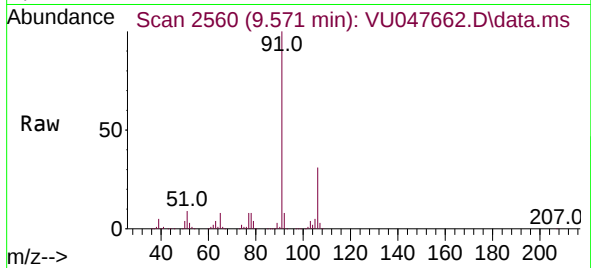




#52
Ethylbenzene
Concen: 56.675 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

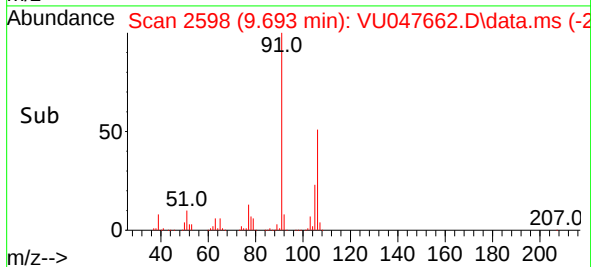
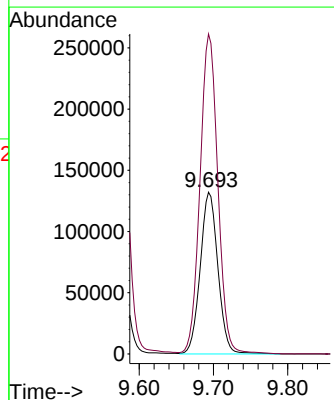
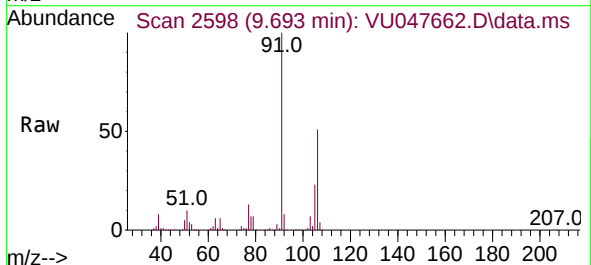
Instrument :
MSVOA_U
ClientSampleId :
VSTD050175

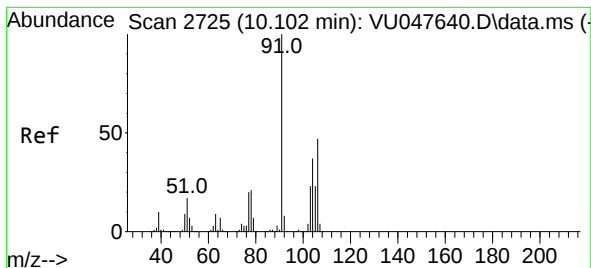
Tgt Ion: 91 Resp: 551315
Ion Ratio Lower Upper
91 100
106 31.0 22.4 41.6



#53
m,p-Xylene
Concen: 57.254 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

Tgt Ion: 106 Resp: 218533
Ion Ratio Lower Upper
106 100
91 197.8 137.7 255.7





#54

o-Xylene

Concen: 57.408 ug/L

RT: 10.102 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047662.D

Acq: 25 Mar 2022 02:48

Instrument :

MSVOA_U

ClientSampleId :

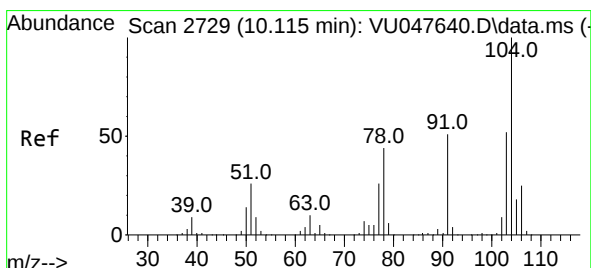
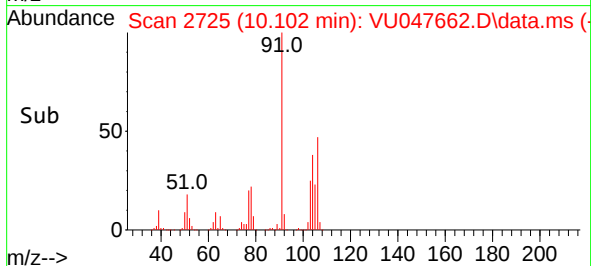
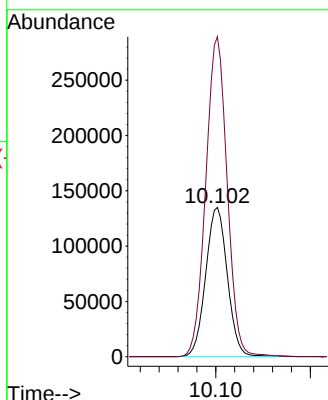
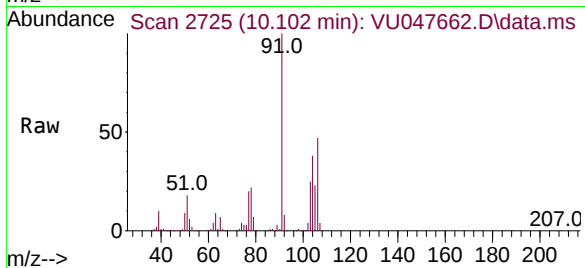
VSTD050175

Tgt Ion:106 Resp: 215060

Ion Ratio Lower Upper

106 100

91 214.4 146.7 272.5



#55

Styrene

Concen: 58.709 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU047662.D

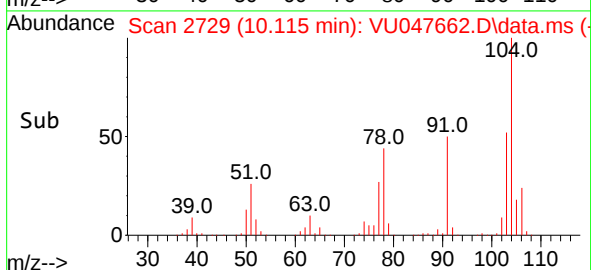
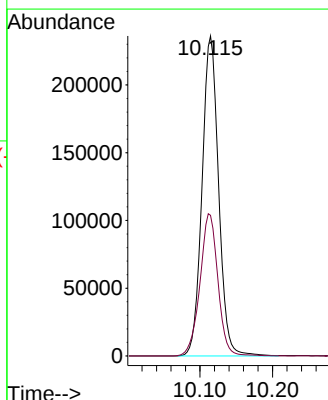
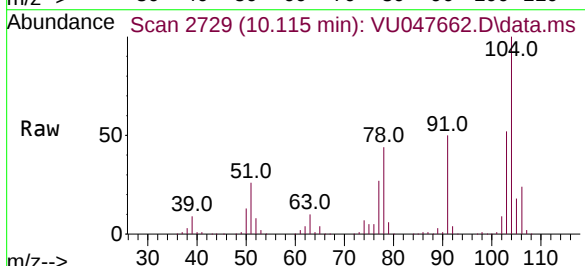
Acq: 25 Mar 2022 02:48

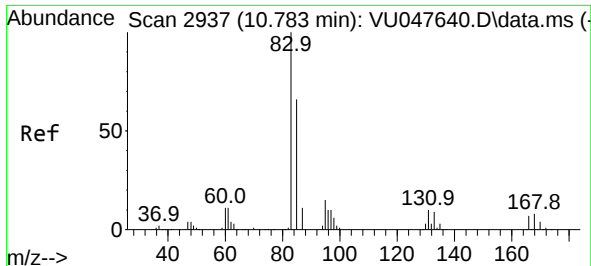
Tgt Ion:104 Resp: 375501

Ion Ratio Lower Upper

104 100

78 44.0 30.4 56.4

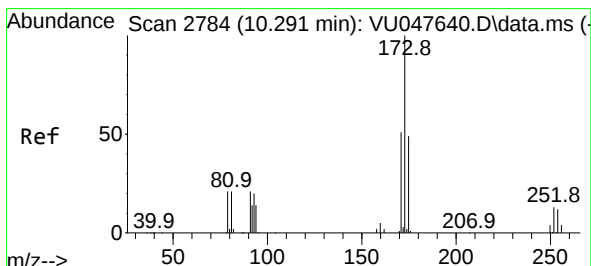
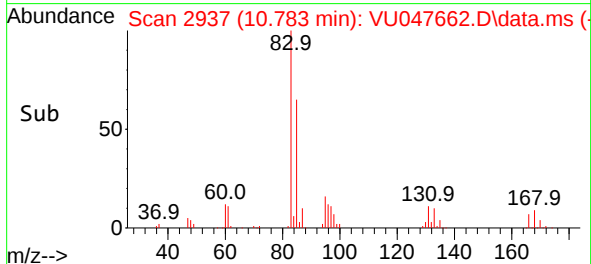
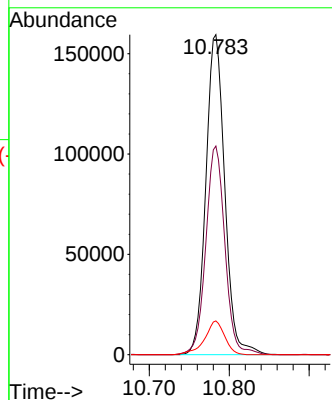
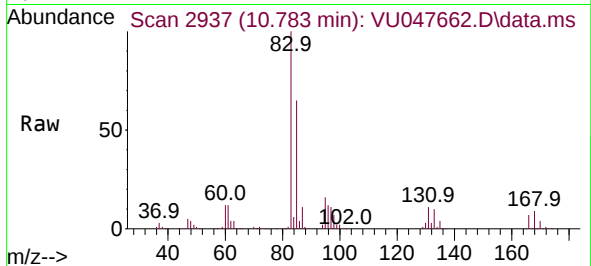




#57
1,1,2-Tetrachloroethane
Concen: 61.617 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

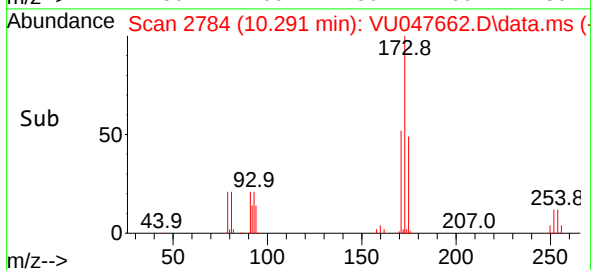
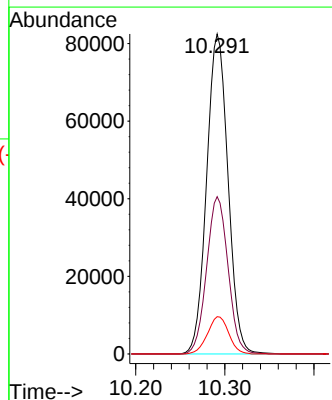
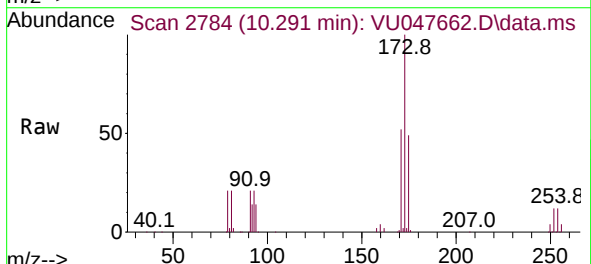
Instrument :
MSVOA_U
ClientSampleId :
VSTD050175

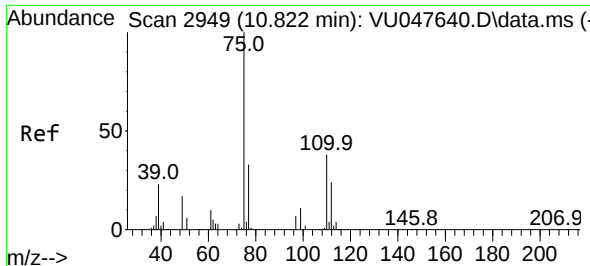
Tgt Ion: 83 Resp: 262597
Ion Ratio Lower Upper
83 100
85 65.2 44.9 83.3
131 10.5 8.6 13.0



#59
Bromoform
Concen: 63.403 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

Tgt Ion:173 Resp: 137201
Ion Ratio Lower Upper
173 100
175 49.3 38.7 58.1
254 11.6 9.6 14.4

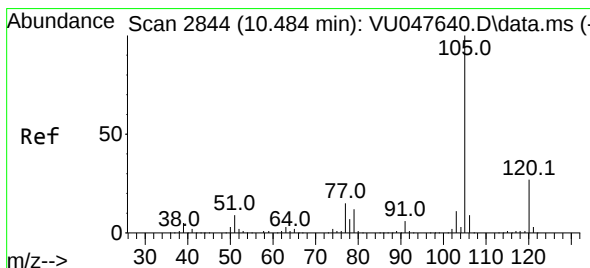
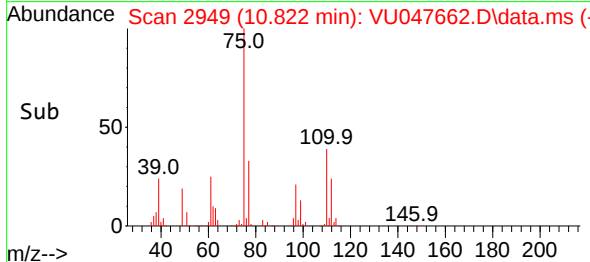
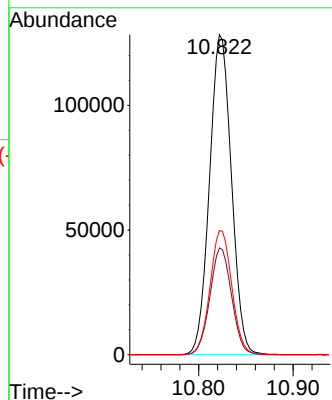
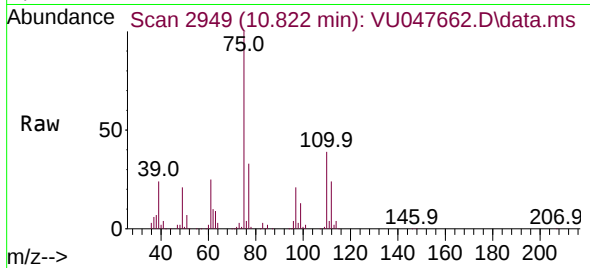




#60
1,2,3-Trichloropropane
Concen: 64.627 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

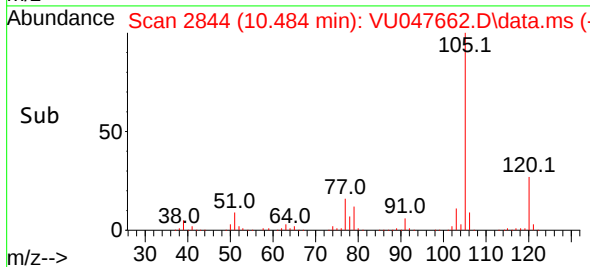
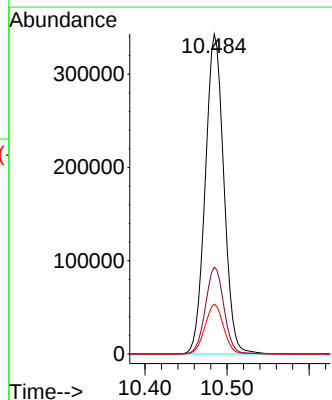
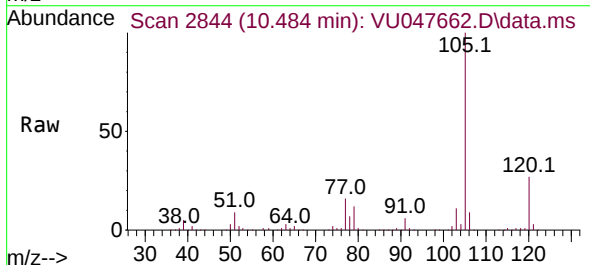
Instrument :
MSVOA_U
ClientSampleId :
VSTD050175

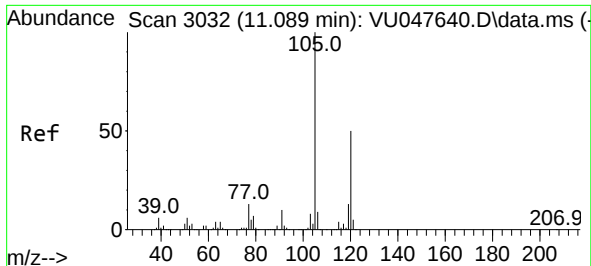
Tgt Ion:	75	Resp:	206173
Ion	Ratio	Lower	Upper
75	100		
77	33.1	26.0	39.0
110	38.8	31.4	47.2



#61
Isopropylbenzene
Concen: 58.814 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

Tgt Ion:	105	Resp:	537902
Ion	Ratio	Lower	Upper
105	100		
120	27.1	21.9	32.9
77	15.7	12.1	18.1

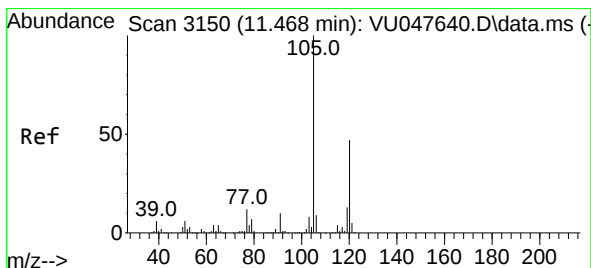
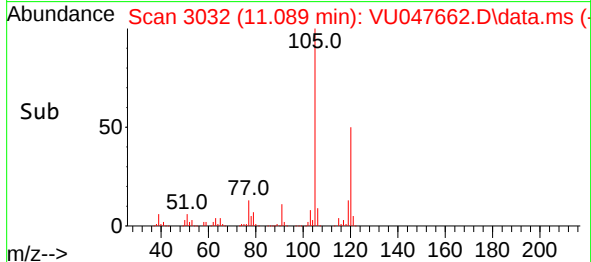
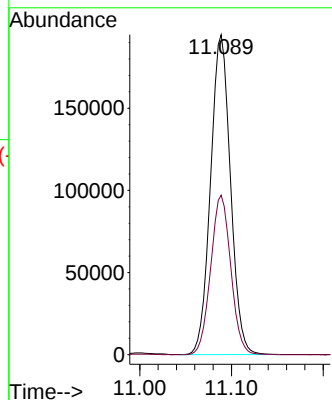
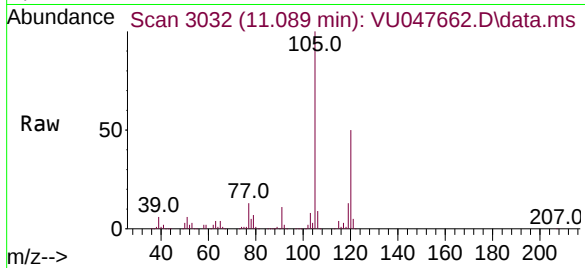




#62
 1,3,5-Trimethylbenzene
 Concen: 59.089 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU047662.D
 Acq: 25 Mar 2022 02:48

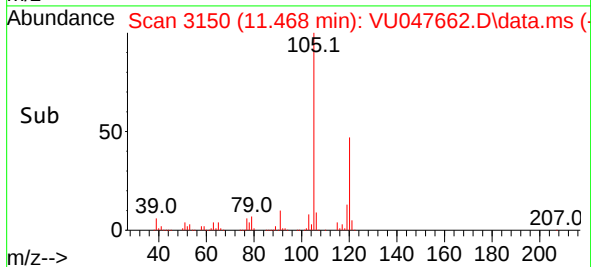
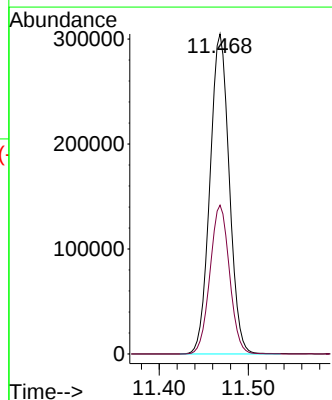
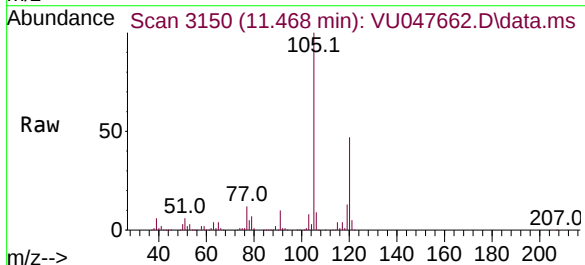
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050175

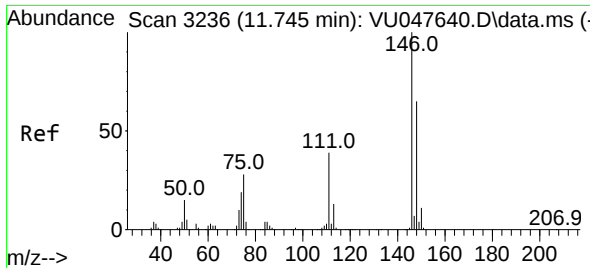
Tgt Ion:105 Resp: 293219
 Ion Ratio Lower Upper
 105 100
 120 50.3 40.8 61.2



#63
 1,2,4-Trimethylbenzene
 Concen: 60.847 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU047662.D
 Acq: 25 Mar 2022 02:48

Tgt Ion:105 Resp: 458644
 Ion Ratio Lower Upper
 105 100
 120 46.9 37.6 56.4

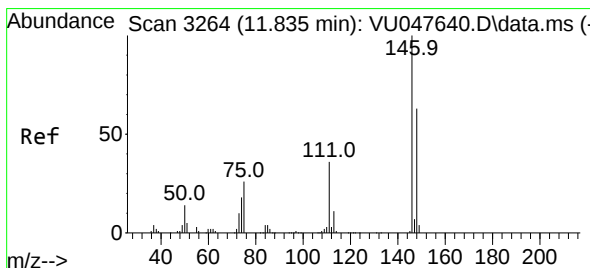
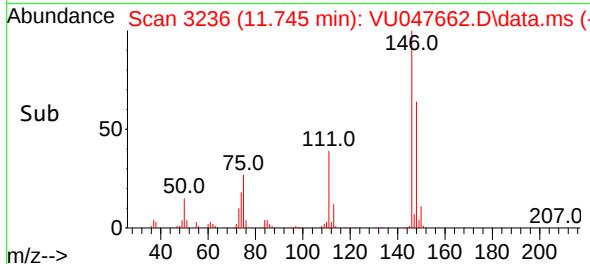
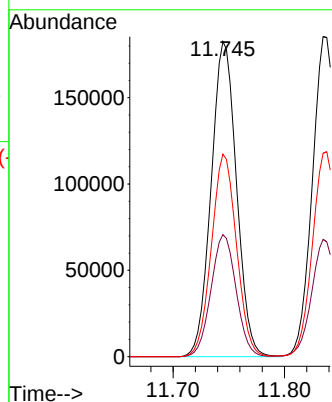
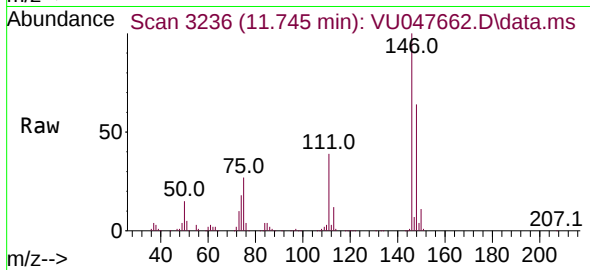




#64
1,3-Dichlorobenzene
Concen: 56.750 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

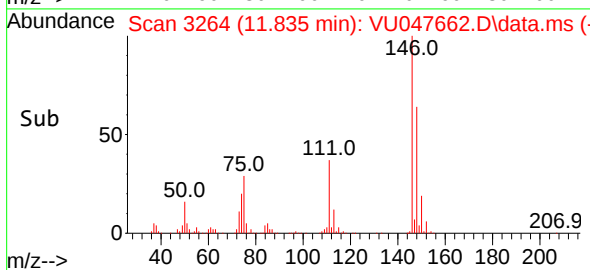
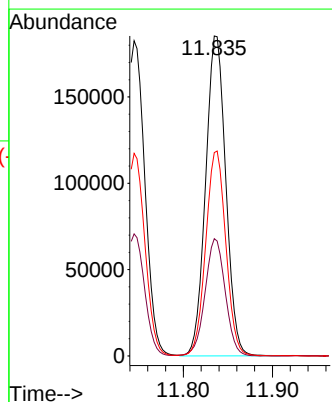
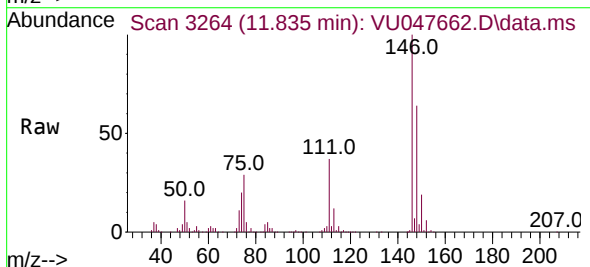
Instrument :
MSVOA_U
ClientSampleId :
VSTD050175

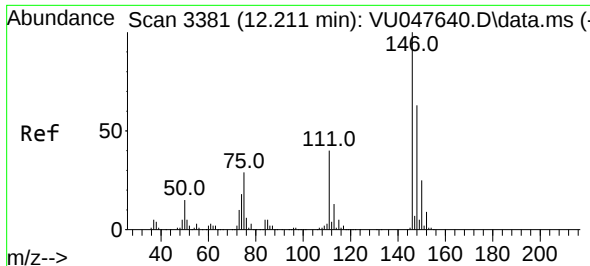
Tgt Ion:146 Resp: 288484
Ion Ratio Lower Upper
146 100
111 38.8 26.7 49.7
148 64.3 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 55.299 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

Tgt Ion:146 Resp: 291175
Ion Ratio Lower Upper
146 100
111 36.7 25.3 47.1
148 63.6 44.5 82.7

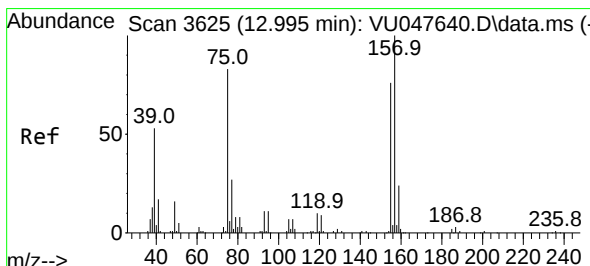
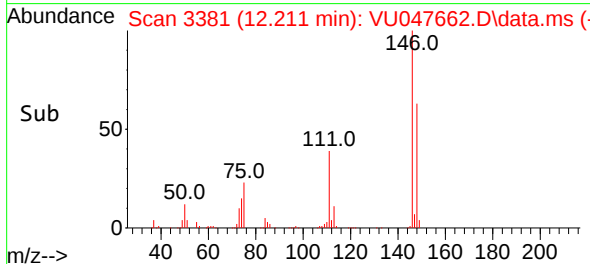
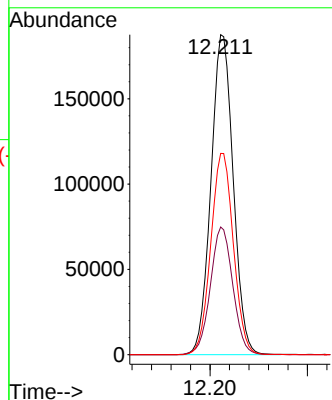
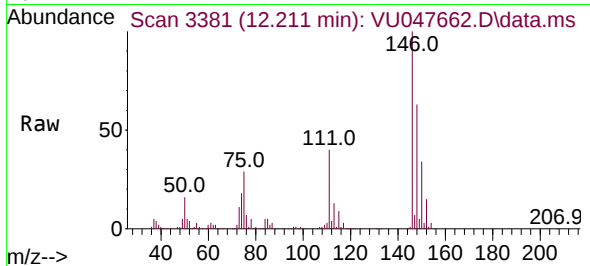




#67
 1,2-Dichlorobenzene
 Concen: 58.527 ug/L
 RT: 12.211 min Scan# 3381
 Delta R.T. -0.000 min
 Lab File: VU047662.D
 Acq: 25 Mar 2022 02:48

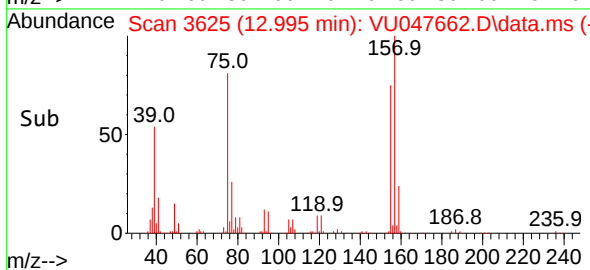
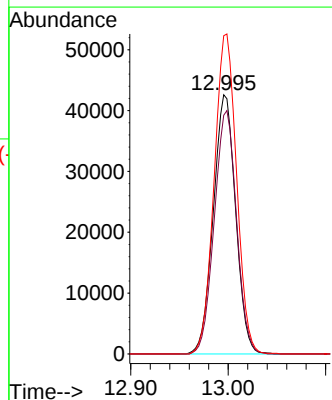
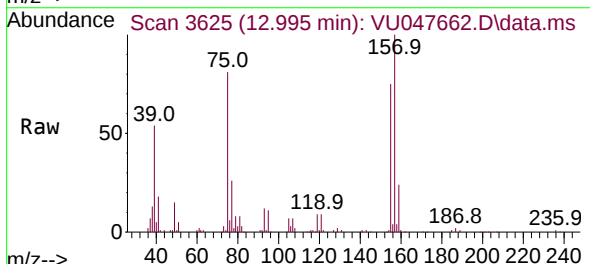
Instrument :
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 ClientSampleId :
 VSTD050175

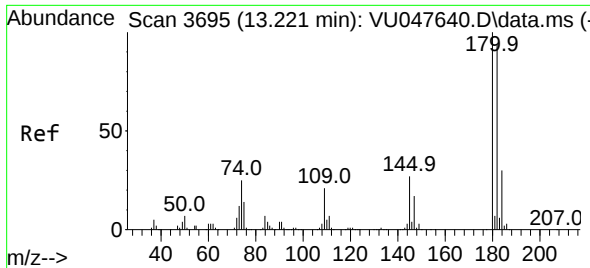
Tgt Ion:146 Resp: 297698
 Ion Ratio Lower Upper
 146 100
 111 39.9 31.7 47.5
 148 62.9 51.4 77.2



#68
 1,2-Dibromo-3-chloropropane
 Concen: 66.394 ug/L
 RT: 12.995 min Scan# 3625
 Delta R.T. -0.000 min
 Lab File: VU047662.D
 Acq: 25 Mar 2022 02:48

Tgt Ion: 75 Resp: 67848
 Ion Ratio Lower Upper
 75 100
 155 92.1 78.9 118.3
 157 122.7 97.5 146.3

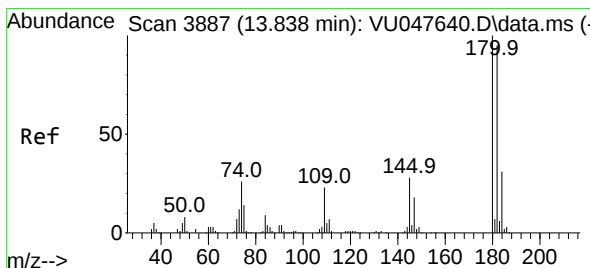
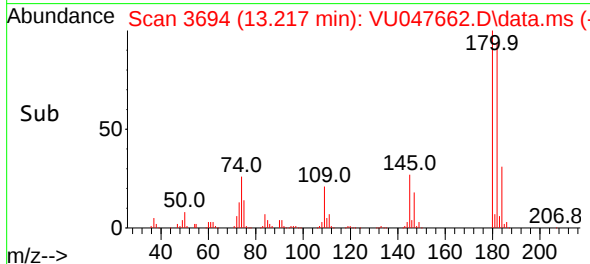
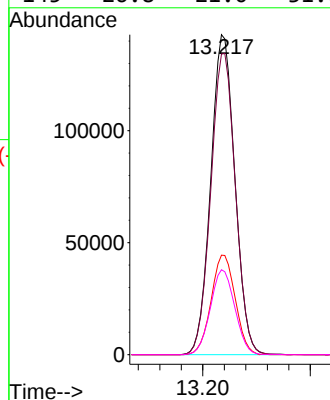
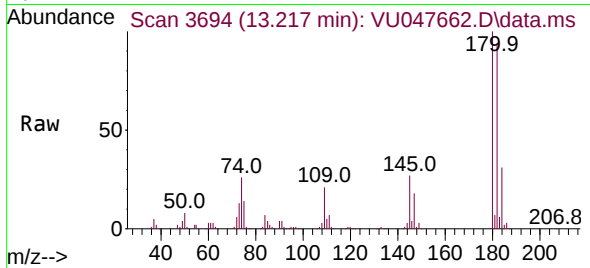




#69
1,3,5-Trichlorobenzene
Concen: 53.876 ug/L
RT: 13.217 min Scan# 3694
Delta R.T. -0.003 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

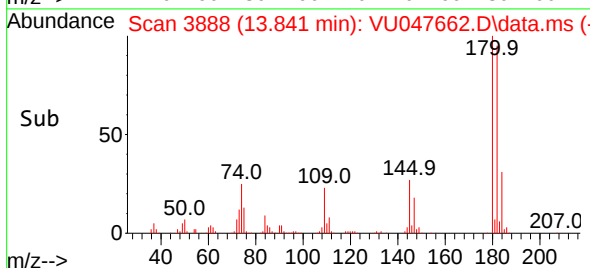
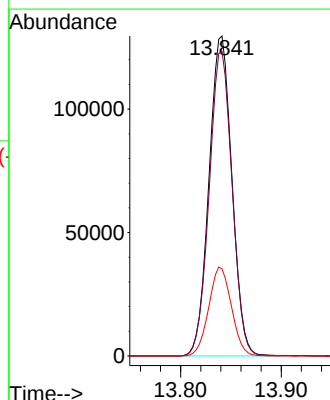
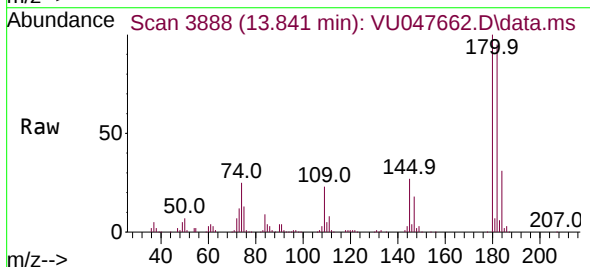
Instrument :
MSVOA_U
ClientSampleId :
VSTD050175

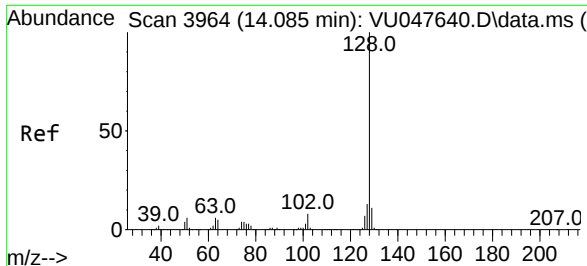
Tgt Ion:180 Resp: 222427
Ion Ratio Lower Upper
180 100
182 96.0 77.0 115.6
184 31.1 24.5 36.7
145 26.8 21.0 31.6



#70
1,2,4-trichlorobenzene
Concen: 56.802 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

Tgt Ion:180 Resp: 205406
Ion Ratio Lower Upper
180 100
182 95.1 76.2 114.2
145 27.5 21.8 32.8

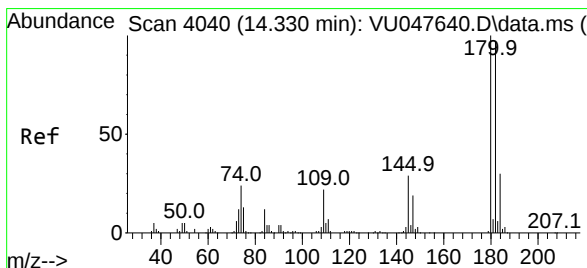
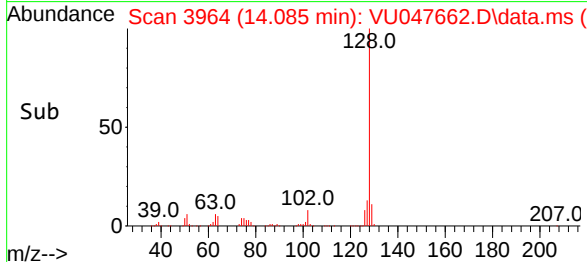
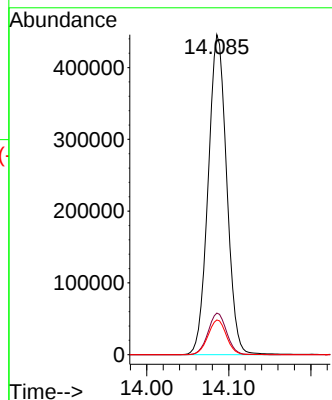
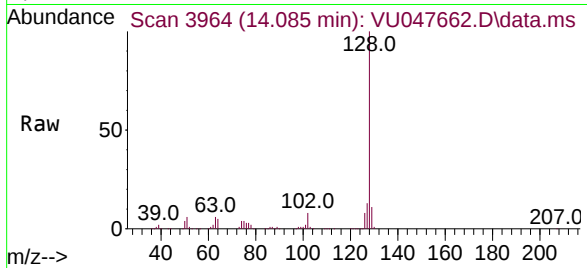




#71
Naphthalene
Concen: 64.925 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

Instrument :
MSVOA_U
ClientSampleId :
VSTD050175

Tgt Ion:128 Resp: 699973
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 58.204 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047662.D
Acq: 25 Mar 2022 02:48

Tgt Ion:180 Resp: 210999
Ion Ratio Lower Upper
180 100
182 96.2 77.4 116.0
145 29.3 22.8 34.2

