

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U040922\
 Data File : U047871.D
 Acq On : 08 Apr 2022 16:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050189

Quant Time: Apr 09 01:56:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 06 03:35:05 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	337763	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	348453	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	213165	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	112750	46.033	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.060%
7) Chloroethane-d5	1.916	69	93538	48.433	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.860%
11) 1,1-Dichloroethene-d2	2.571	63	197454	44.062	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.120%
21) 2-Butanone-d5	4.620	46	163126	77.593	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.590%
24) Chloroform-d	5.067	84	208717	46.572	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.140%
26) 1,2-Dichloroethane-d4	5.703	65	126485	46.017	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.040%
32) Benzene-d6	5.729	84	407797	46.509	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.020%
36) 1,2-Dichloropropane-d6	6.694	67	128571	47.747	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.500%
41) Toluene-d8	7.899	98	387079	45.311	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.620%
43) trans-1,3-Dichloroprop...	8.182	79	60495	44.345	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.680%
47) 2-Hexanone-d5	8.632	63	125200	79.425	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.420%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	205162	44.396	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	165947	43.758	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	155019	49.505	ug/L	100
3) Chloromethane	1.523	50	152472	50.914	ug/L	100
5) Vinyl chloride	1.607	62	156851	51.356	ug/L	98
6) Bromomethane	1.858	94	88230	53.672	ug/L	97
8) Chloroethane	1.935	64	96707	50.439	ug/L	97
9) Trichlorofluoromethane	2.141	101	211265	49.053	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	127773	51.324	ug/L	98
12) 1,1-Dichloroethene	2.584	96	114834	49.564	ug/L	84
13) Acetone	2.623	43	200757	102.615	ug/L	97
14) Carbon disulfide	2.797	76	331609	45.280	ug/L	100
15) Methyl Acetate	2.948	43	143779	46.088	ug/L	98
16) Methylene chloride	3.051	84	139474	52.460	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	122795	49.137	ug/L	95
18) Methyl tert-butyl Ether	3.366	73	363253	51.523	ug/L	100
19) 1,1-Dichloroethane	3.874	63	224373	52.059	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	138553	50.572	ug/L	96
22) 2-Butanone	4.700	43	229724	91.154	ug/L	96
23) Bromochloromethane	4.977	128	77298	51.388	ug/L	98
25) Chloroform	5.089	83	243887	52.560	ug/L	98

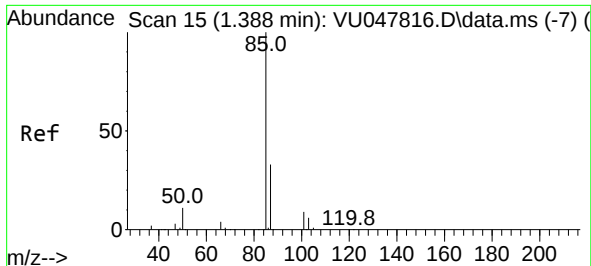
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040922\
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 QLast Update : Wed Apr 06 03:35:05 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	186726	52.086	ug/L	99
29) Cyclohexane	5.391	56	179593	50.792	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	205404	51.987	ug/L	99
31) Carbon tetrachloride	5.530	117	175714	49.249	ug/L	100
33) Benzene	5.777	78	531575	52.704	ug/L	100
34) Trichloroethene	6.546	95	135505	51.245	ug/L	99
35) Methylcyclohexane	6.767	83	205118	50.989	ug/L	99
37) 1,2-Dichloropropane	6.793	63	138698	54.094	ug/L	100
38) Bromodichloromethane	7.108	83	183371	52.079	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	198520	49.899	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	390946	96.472	ug/L	98
42) Toluene	7.973	91	584174	52.786	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	200294	50.423	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	143664	52.831	ug/L	99
46) Tetrachloroethene	8.555	164	123023	51.772	ug/L	99
48) 2-Hexanone	8.684	43	332648	95.429	ug/L	98
49) Dibromochloromethane	8.812	129	158585	50.351	ug/L	98
50) 1,2-Dibromoethane	8.925	107	158216	51.898	ug/L	98
51) Chlorobenzene	9.449	112	387592	51.581	ug/L	99
52) Ethylbenzene	9.571	91	608137	52.262	ug/L	100
53) m,p-Xylene	9.697	106	242030	53.008	ug/L	99
54) o-Xylene	10.102	106	235711	52.599	ug/L	99
55) Styrene	10.115	104	413124	53.997	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	259657	50.933	ug/L	100
59) Bromoform	10.291	173	131634	48.292	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	199000	49.521	ug/L	99
61) Isopropylbenzene	10.484	105	604351	52.459	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	320824	51.326	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	504184	53.102	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	324943	50.746	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	333599	50.297	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	325289	50.770	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	57273	44.493	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	267685	51.473	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	240714	52.845	ug/L	99
71) Naphthalene	14.089	128	748076	55.085	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	247715	54.248	ug/L	100

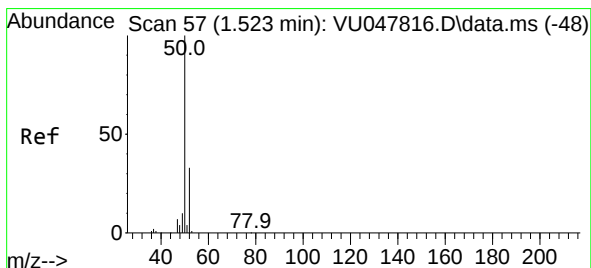
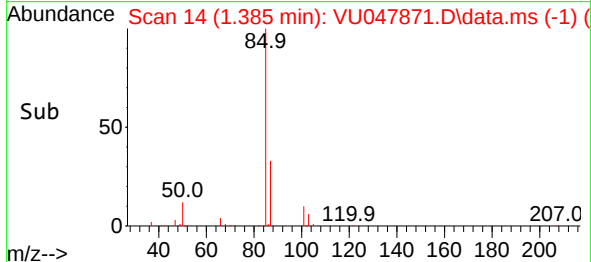
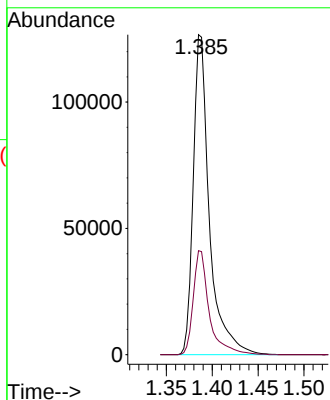
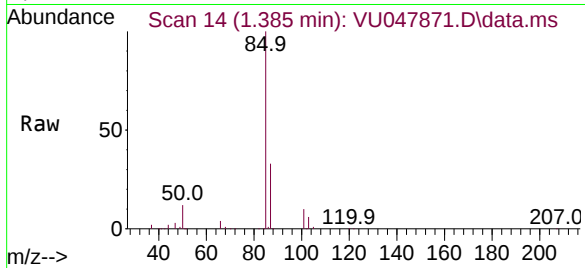
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 49.505 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU047871.D
Acq: 08 Apr 2022 16:34

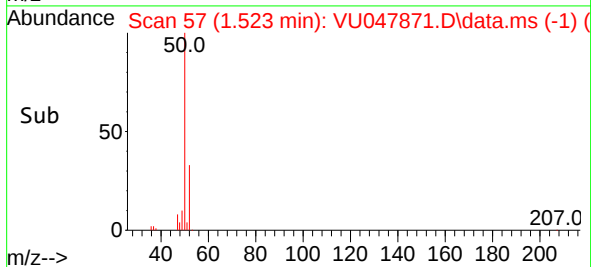
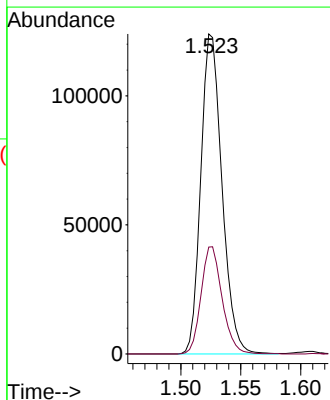
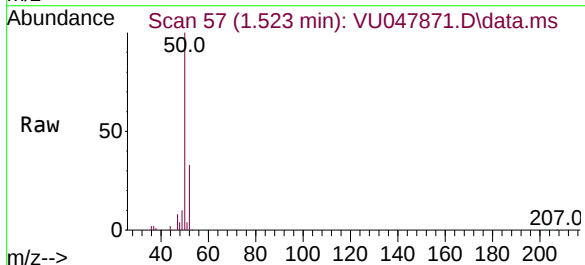
Instrument :
MSVOA_U
ClientSampleId :
VSTD050189

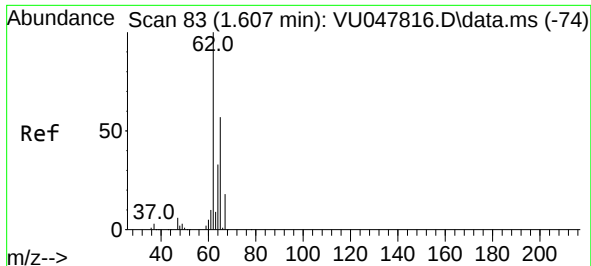
Tgt Ion: 85 Resp: 155019
Ion Ratio Lower Upper
85 100
87 32.2 25.8 38.8



#3
Chloromethane
Concen: 50.914 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU047871.D
Acq: 08 Apr 2022 16:34

Tgt Ion: 50 Resp: 152472
Ion Ratio Lower Upper
50 100
52 33.4 23.2 43.2

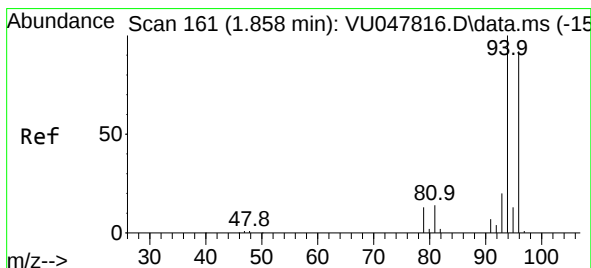
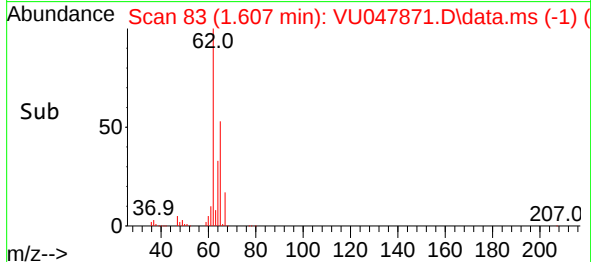
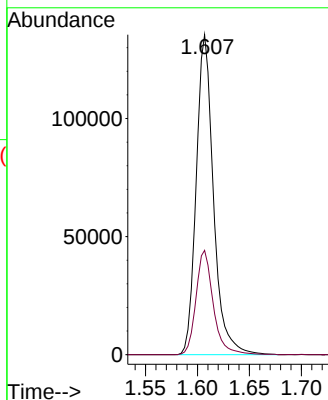
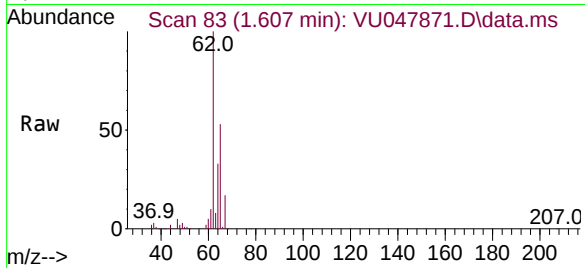




#5
 Vinyl chloride
 Concen: 51.356 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU047871.D
 Acq: 08 Apr 2022 16:34

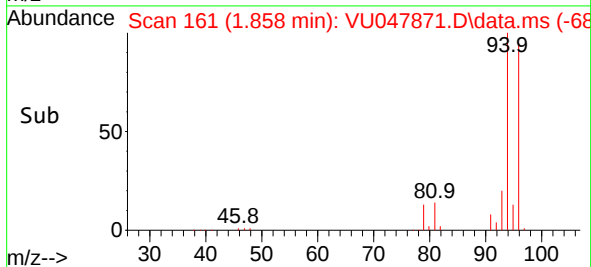
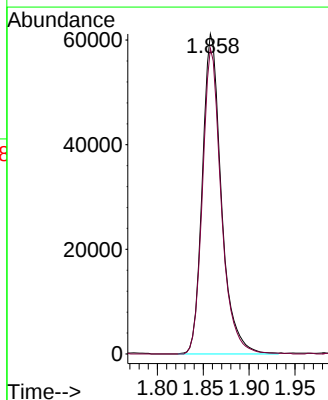
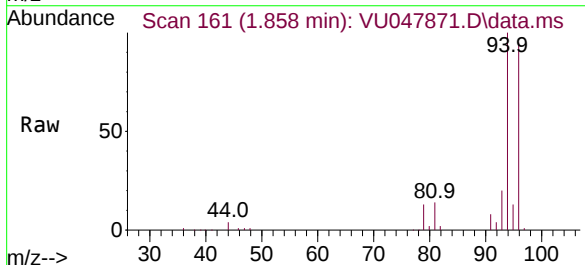
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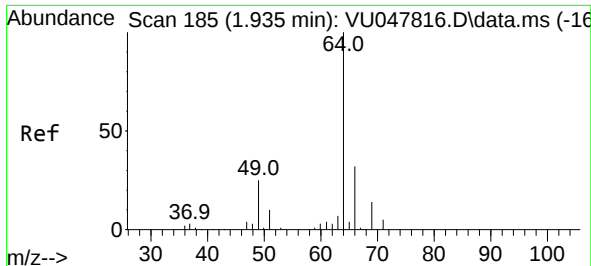
Tgt Ion: 62 Resp: 156851
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.7 43.9



#6
 Bromomethane
 Concen: 53.672 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU047871.D
 Acq: 08 Apr 2022 16:34

Tgt Ion: 94 Resp: 88230
 Ion Ratio Lower Upper
 94 100
 96 95.5 64.8 120.3

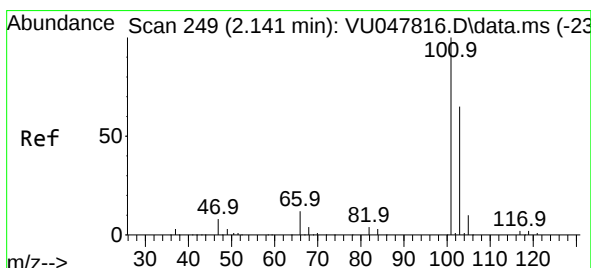
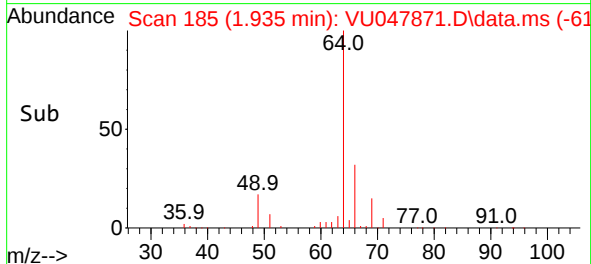
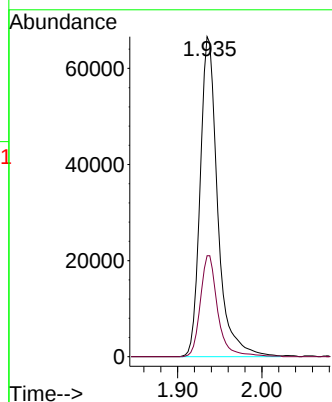
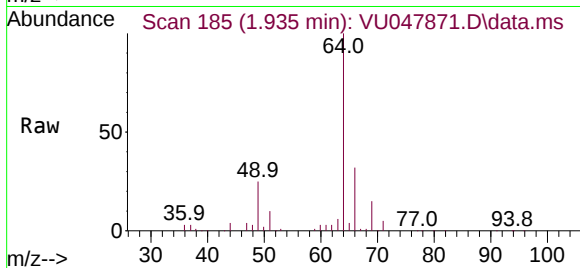




#8
Chloroethane
Concen: 50.439 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU047871.D
Acq: 08 Apr 2022 16:34

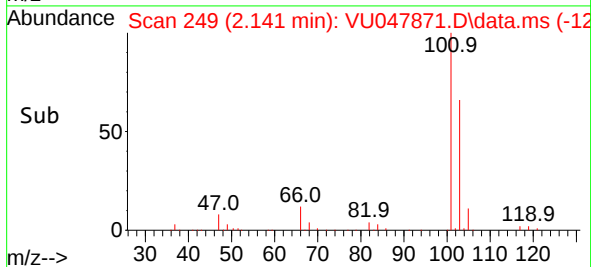
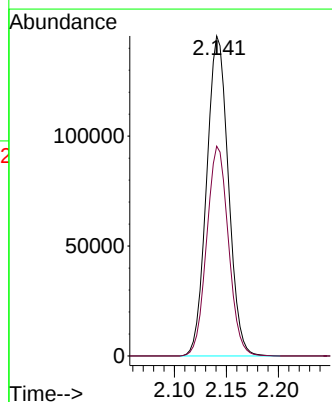
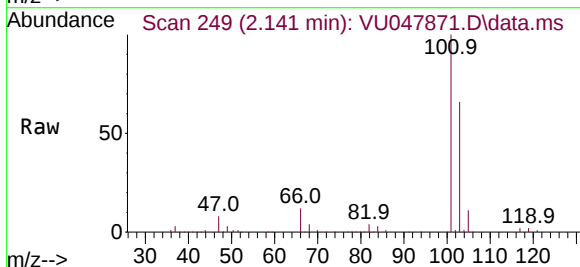
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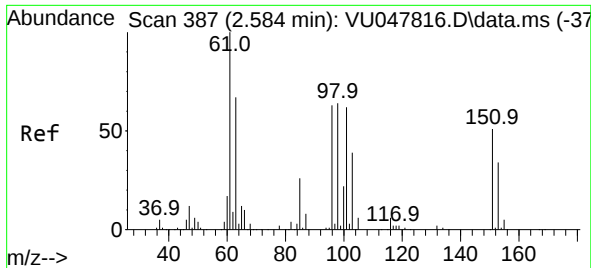
Tgt Ion: 64 Resp: 96707
Ion Ratio Lower Upper
64 100
66 31.6 23.3 43.3



#9
Trichlorofluoromethane
Concen: 49.053 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU047871.D
Acq: 08 Apr 2022 16:34

Tgt Ion:101 Resp: 211265
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.2

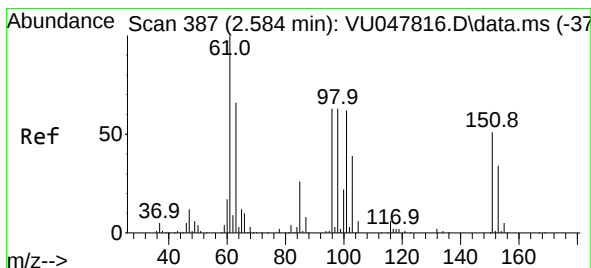
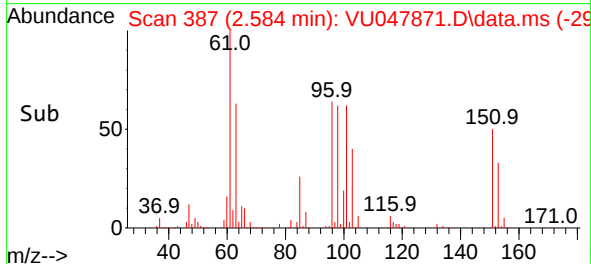
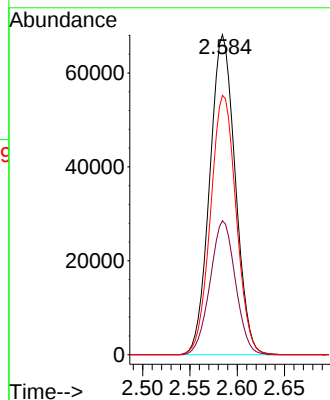
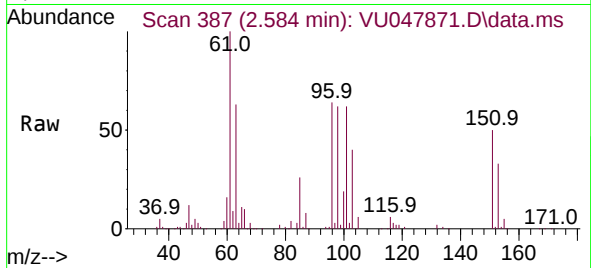




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.324 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VU047871.D
 Acq: 08 Apr 2022 16:34

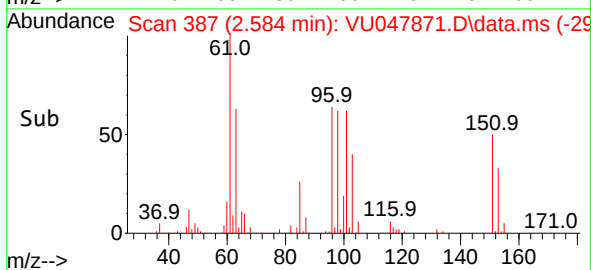
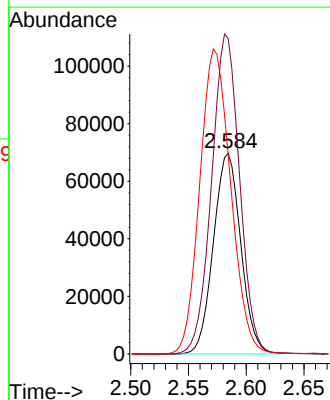
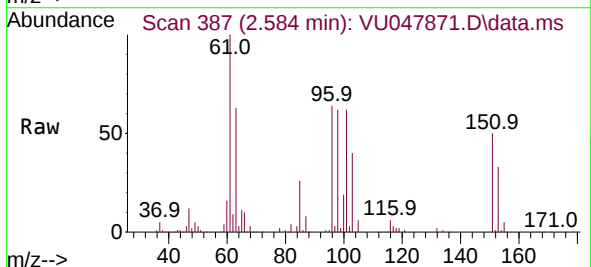
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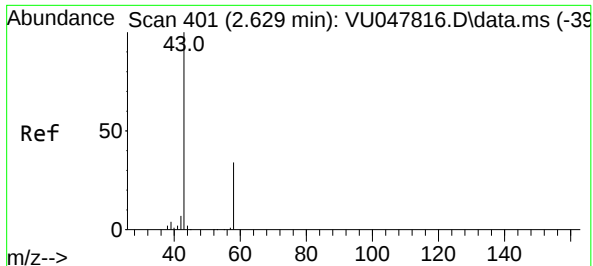
Tgt Ion:101 Resp: 127773
 Ion Ratio Lower Upper
 101 100
 85 41.7 32.8 49.2
 151 81.5 63.0 94.6



#12
 1,1-Dichloroethene
 Concen: 49.564 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VU047871.D
 Acq: 08 Apr 2022 16:34

Tgt Ion: 96 Resp: 114834
 Ion Ratio Lower Upper
 96 100
 61 157.1 113.1 210.1
 63 98.9 94.8 176.0





#13

Acetone

Concen: 102.615 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.006 min

Lab File: VU047871.D

Acq: 08 Apr 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

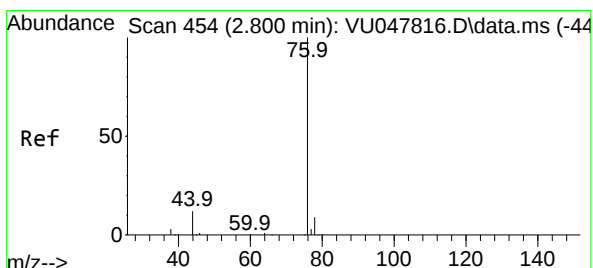
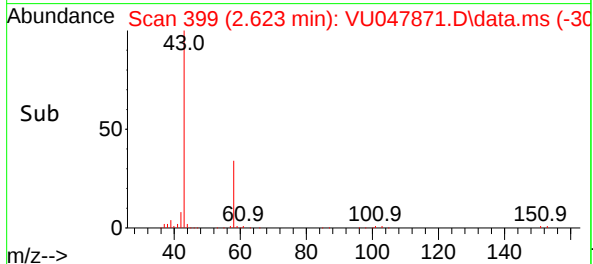
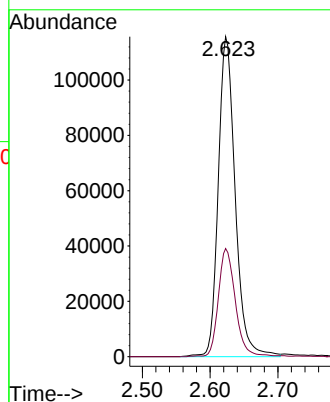
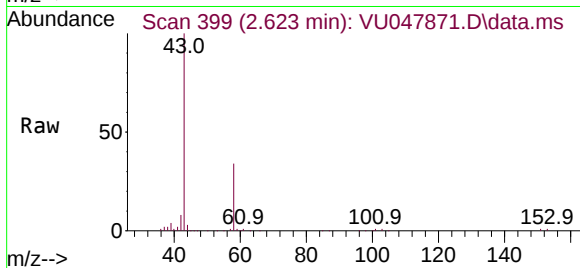
VSTD050189

Tgt Ion: 43 Resp: 200757

Ion Ratio Lower Upper

43 100

58 33.3 0.0 70.0



#14

Carbon disulfide

Concen: 45.280 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.003 min

Lab File: VU047871.D

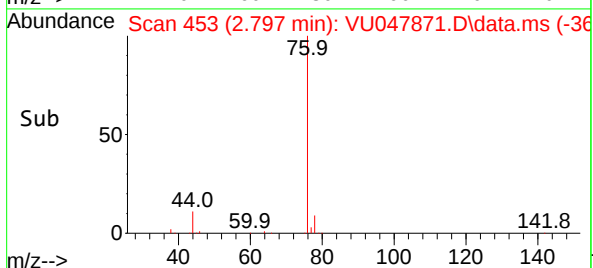
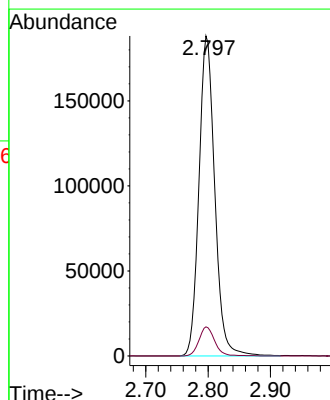
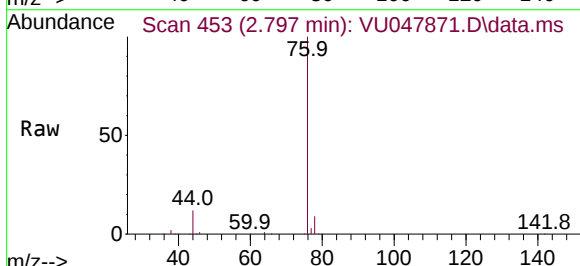
Acq: 08 Apr 2022 16:34

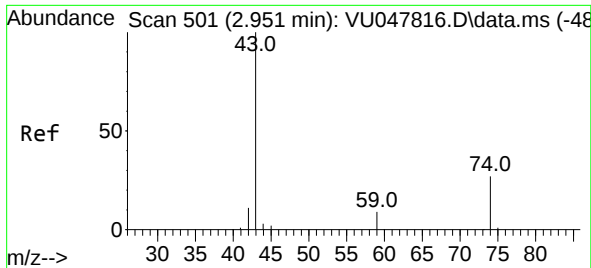
Tgt Ion: 76 Resp: 331609

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

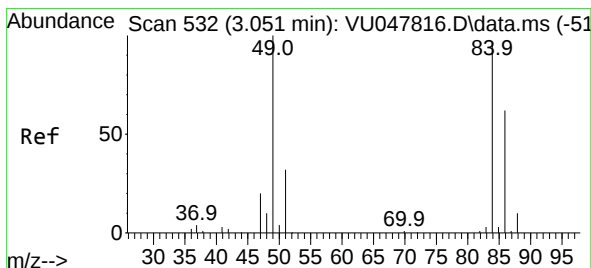
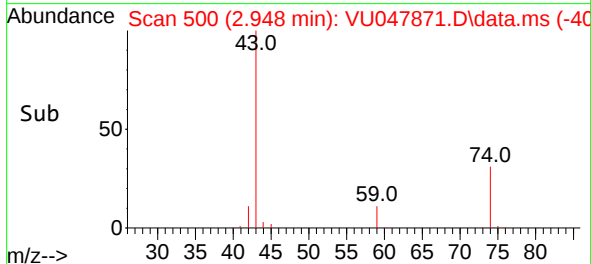
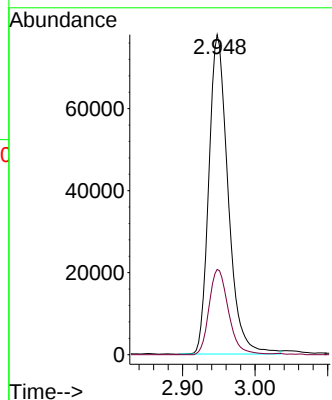
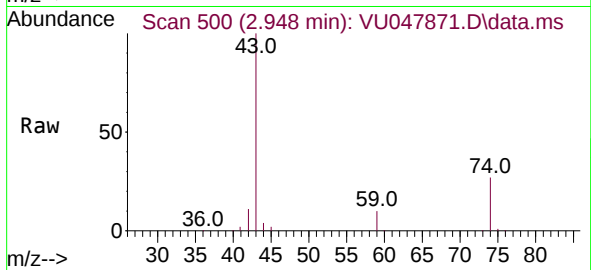




#15
Methyl Acetate
Concen: 46.088 ug/L
RT: 2.948 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU047871.D
Acq: 08 Apr 2022 16:34

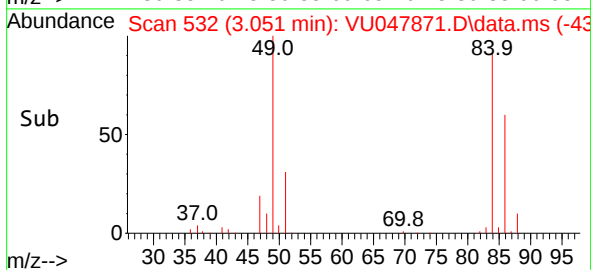
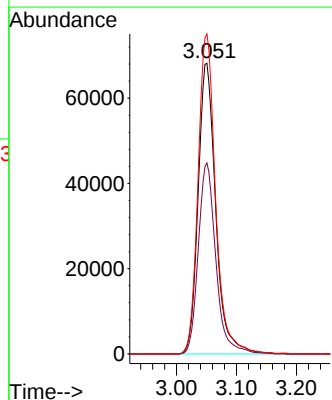
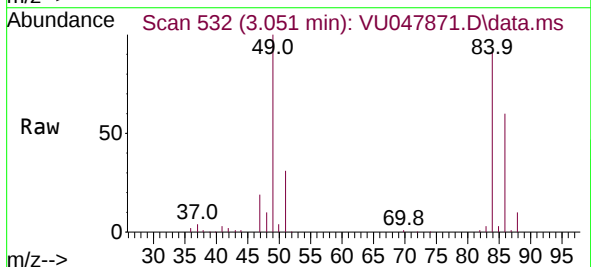
Instrument :
MSVOA_U
ClientSampleId :
VSTD050189

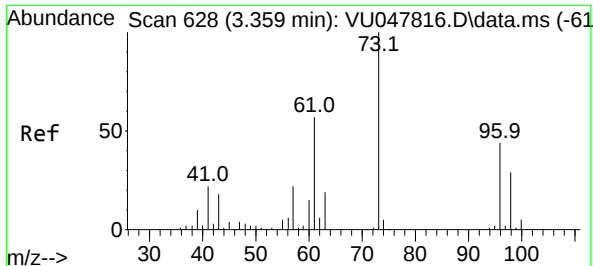
Tgt Ion: 43 Resp: 143779
Ion Ratio Lower Upper
43 100
74 26.9 22.2 33.2



#16
Methylene chloride
Concen: 52.460 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU047871.D
Acq: 08 Apr 2022 16:34

Tgt Ion: 84 Resp: 139474
Ion Ratio Lower Upper
84 100
86 65.7 46.0 85.4
49 110.1 75.3 139.8





#17

trans-1,2-Dichloroethene

Concen: 49.137 ug/L

RT: 3.356 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU047871.D

Acq: 08 Apr 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD050189

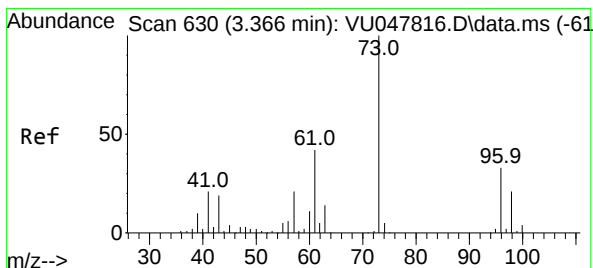
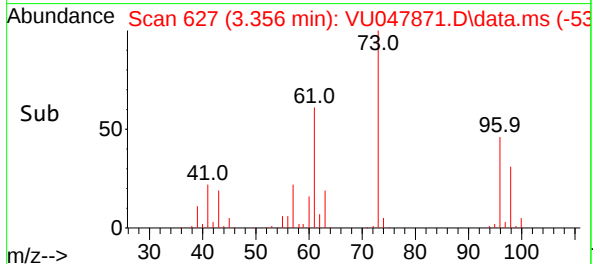
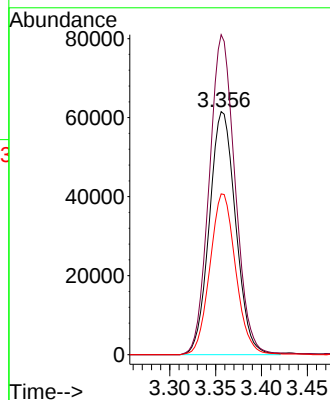
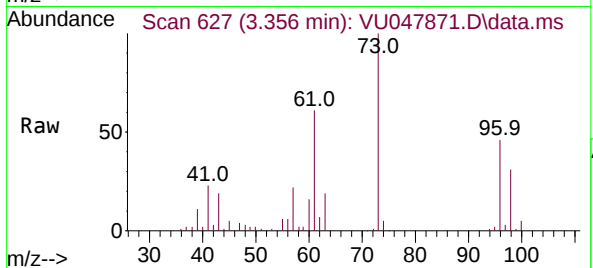
Tgt Ion: 96 Resp: 122795

Ion Ratio Lower Upper

96 100

61 131.6 88.4 164.2

98 66.2 43.3 80.5



#18

Methyl tert-butyl Ether

Concen: 51.523 ug/L

RT: 3.366 min Scan# 630

Delta R.T. -0.000 min

Lab File: VU047871.D

Acq: 08 Apr 2022 16:34

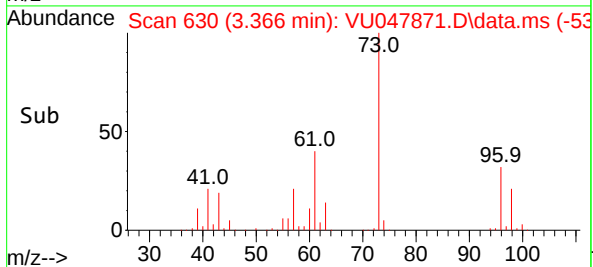
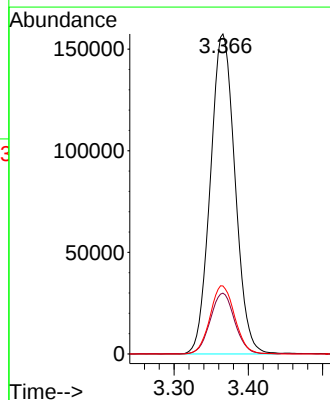
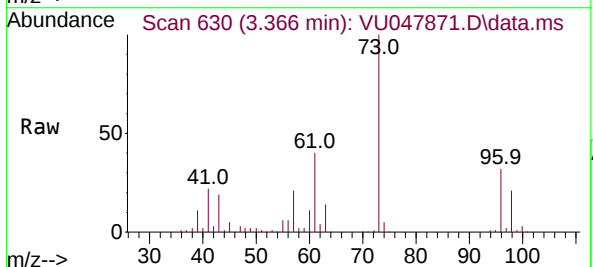
Tgt Ion: 73 Resp: 363253

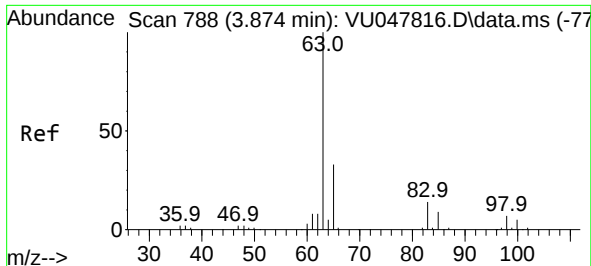
Ion Ratio Lower Upper

73 100

43 18.8 15.3 22.9

57 21.3 17.0 25.6





#19

1,1-Dichloroethane

Concen: 52.059 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.000 min

Lab File: VU047871.D

Acq: 08 Apr 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD050189

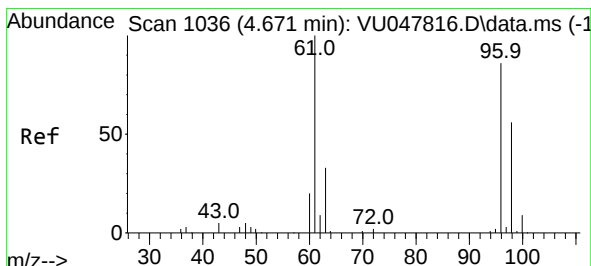
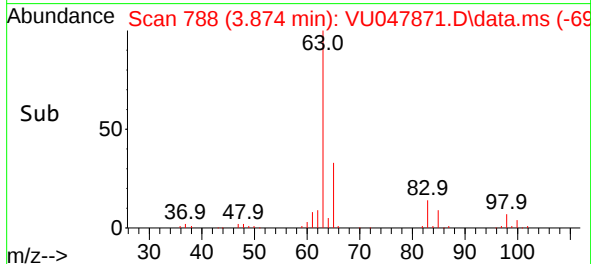
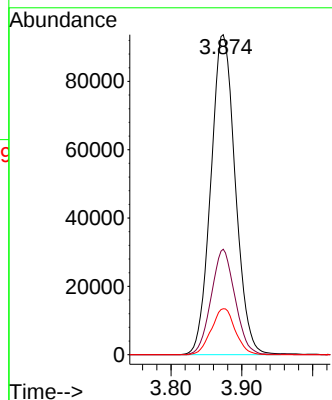
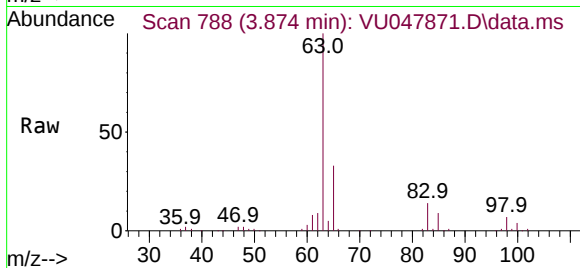
Tgt Ion: 63 Resp: 224373

Ion Ratio Lower Upper

63 100

65 32.9 22.0 41.0

83 14.3 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 50.572 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047871.D

Acq: 08 Apr 2022 16:34

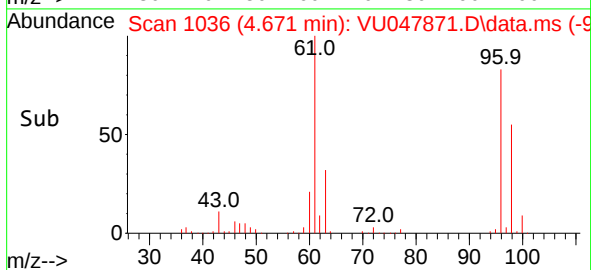
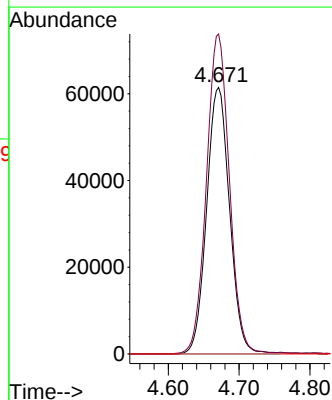
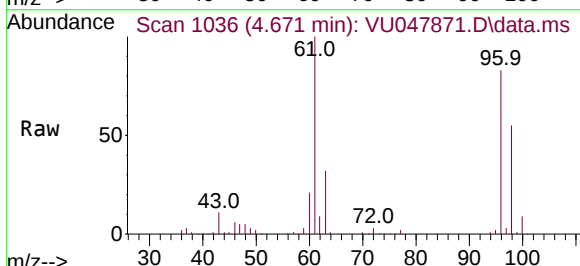
Tgt Ion: 96 Resp: 138553

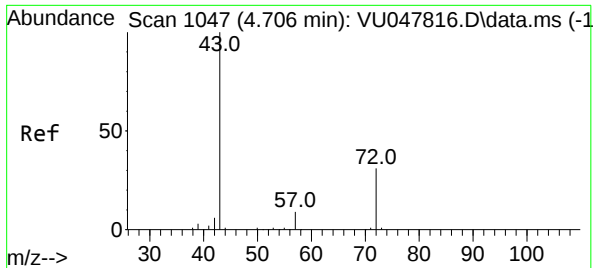
Ion Ratio Lower Upper

96 100

61 120.0 80.7 149.9

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 91.154 ug/L

RT: 4.700 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VU047871.D

Acq: 08 Apr 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

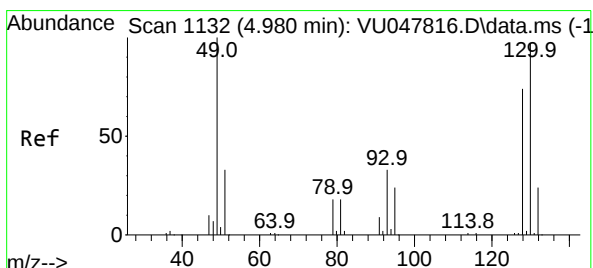
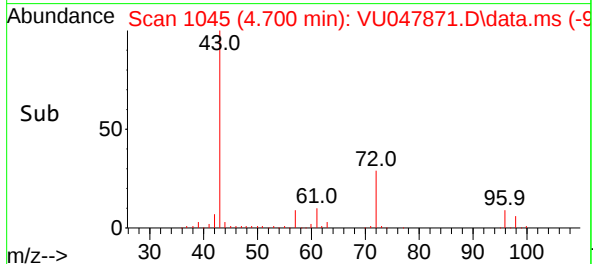
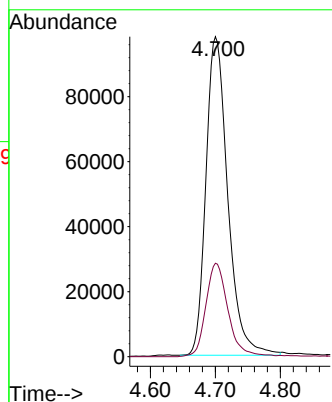
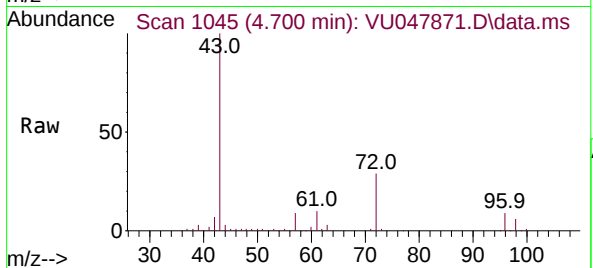
VSTD050189

Tgt Ion: 43 Resp: 229724

Ion Ratio Lower Upper

43 100

72 29.7 16.0 47.9



#23

Bromochloromethane

Concen: 51.388 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VU047871.D

Acq: 08 Apr 2022 16:34

Tgt Ion:128 Resp: 77298

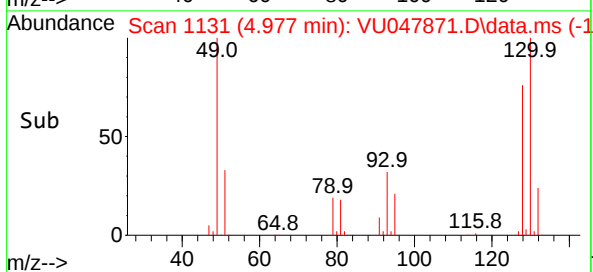
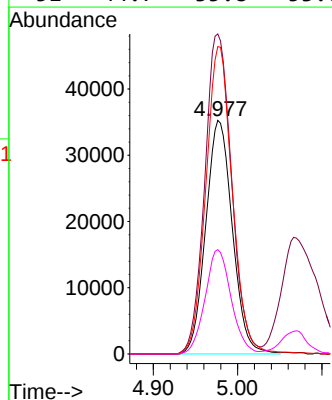
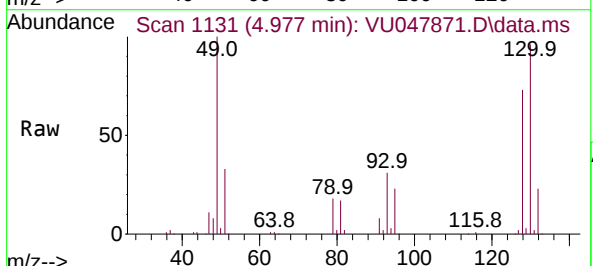
Ion Ratio Lower Upper

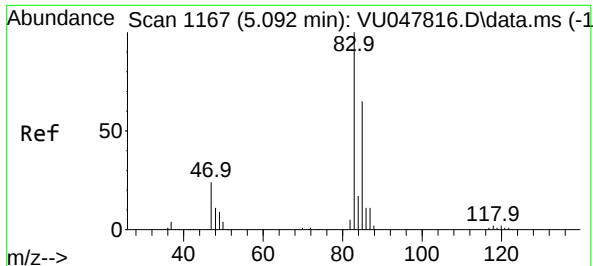
128 100

49 137.0 94.1 174.8

130 131.6 90.2 167.4

51 44.7 35.8 53.6





#25

Chloroform

Concen: 52.560 ug/L

RT: 5.089 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU047871.D

Acq: 08 Apr 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

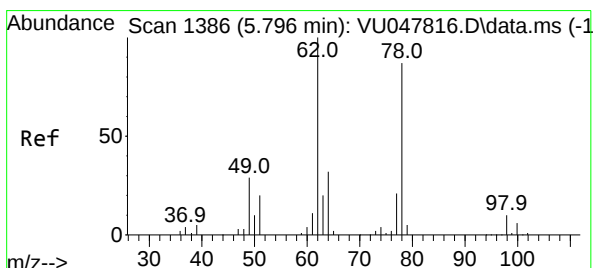
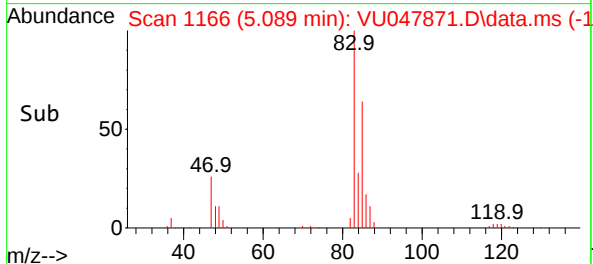
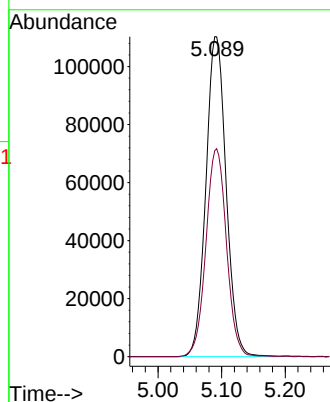
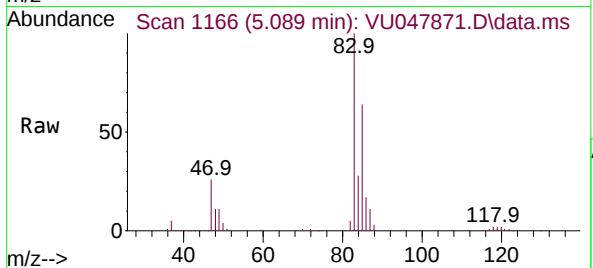
VSTD050189

Tgt Ion: 83 Resp: 243887

Ion Ratio Lower Upper

83 100

85 64.4 46.2 85.8



#27

1,2-Dichloroethane

Concen: 52.086 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU047871.D

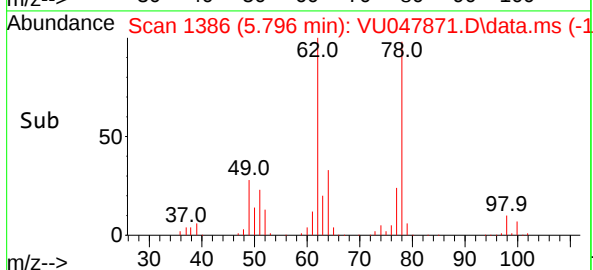
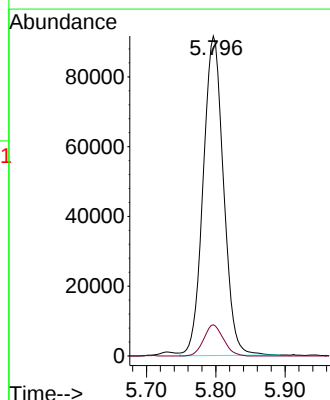
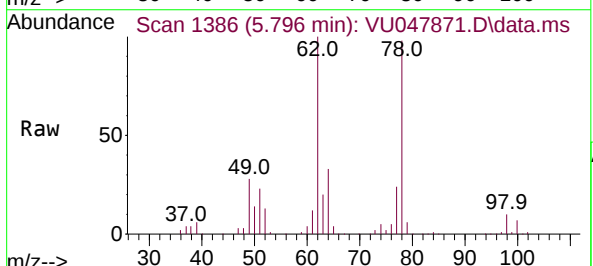
Acq: 08 Apr 2022 16:34

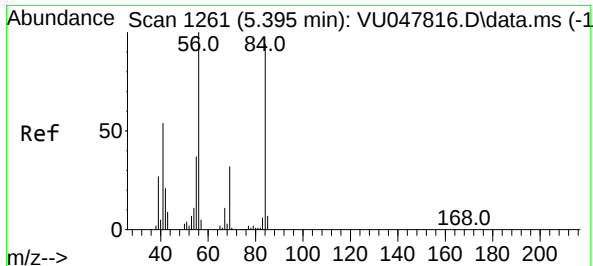
Tgt Ion: 62 Resp: 186726

Ion Ratio Lower Upper

62 100

98 9.7 7.4 11.0





#29

Cyclohexane

Concen: 50.792 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU047871.D

Acq: 08 Apr 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD050189

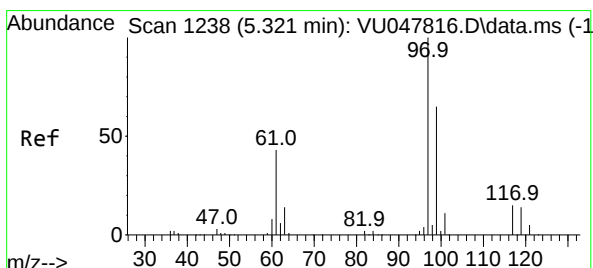
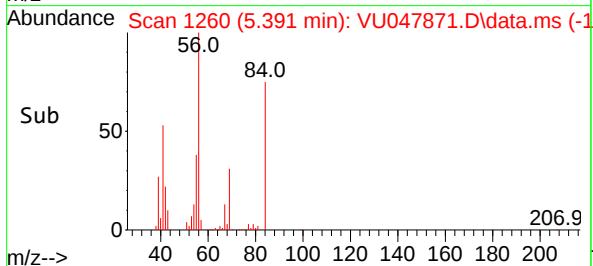
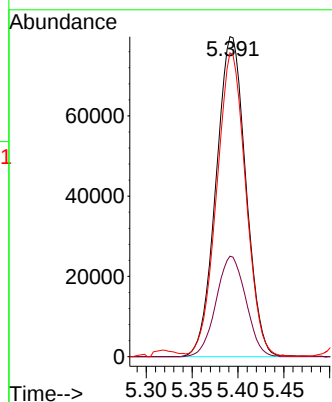
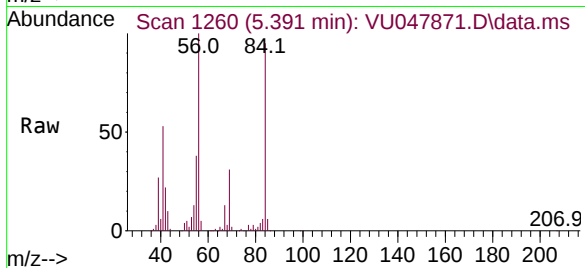
Tgt Ion: 56 Resp: 179593

Ion Ratio Lower Upper

56 100

69 31.4 25.4 38.2

84 93.3 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 51.987 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047871.D

Acq: 08 Apr 2022 16:34

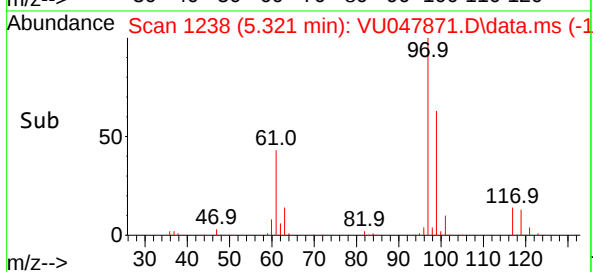
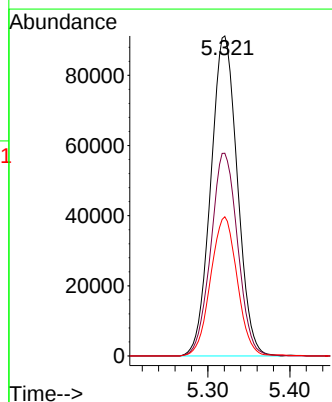
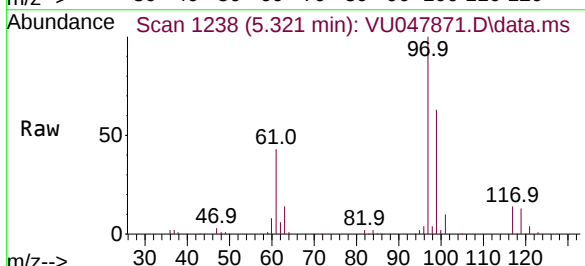
Tgt Ion: 97 Resp: 205404

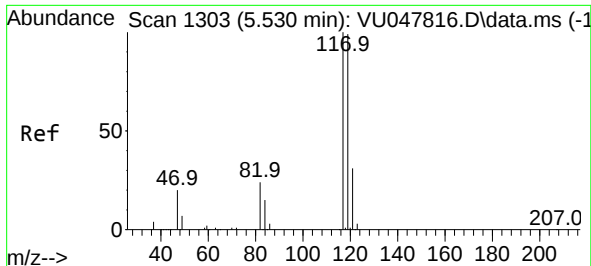
Ion Ratio Lower Upper

97 100

99 64.1 51.6 77.4

61 43.5 34.2 51.4

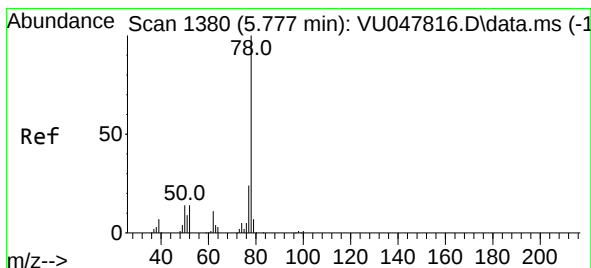
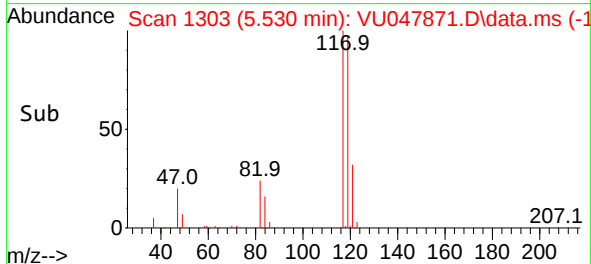
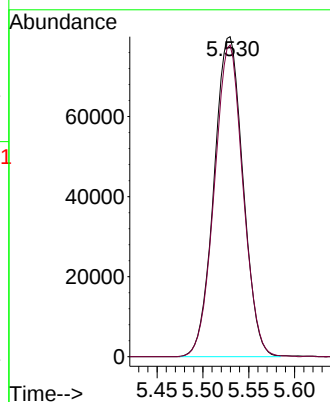
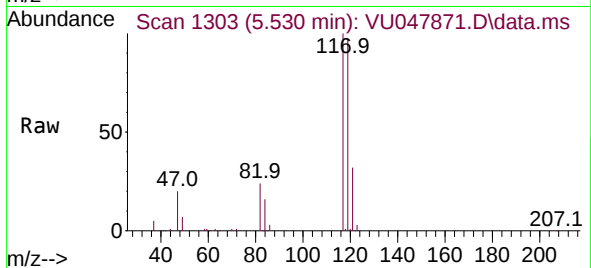




#31
Carbon tetrachloride
Concen: 49.249 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU047871.D
Acq: 08 Apr 2022 16:34

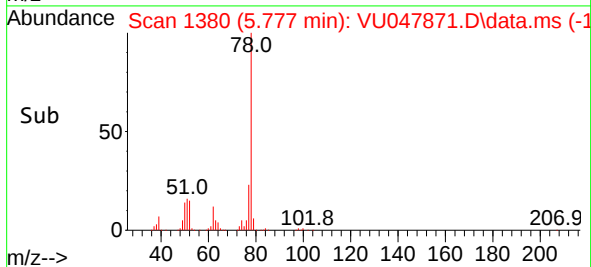
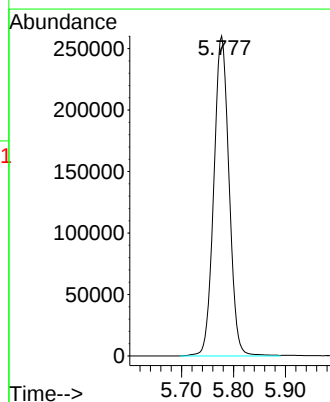
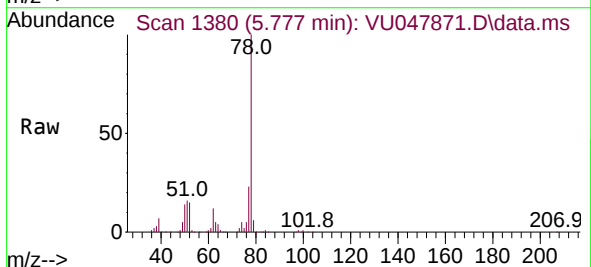
Instrument :
MSVOA_U
ClientSampleId :
VSTD050189

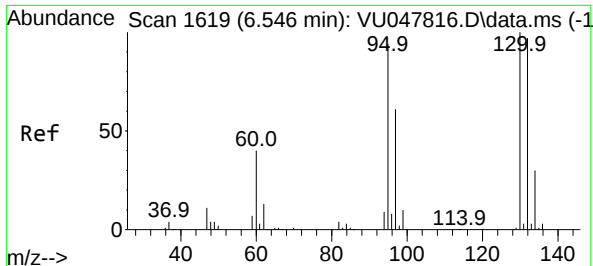
Tgt Ion:117 Resp: 175714
Ion Ratio Lower Upper
117 100
119 96.4 77.2 115.8



#33
Benzene
Concen: 52.704 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047871.D
Acq: 08 Apr 2022 16:34

Tgt Ion: 78 Resp: 531575

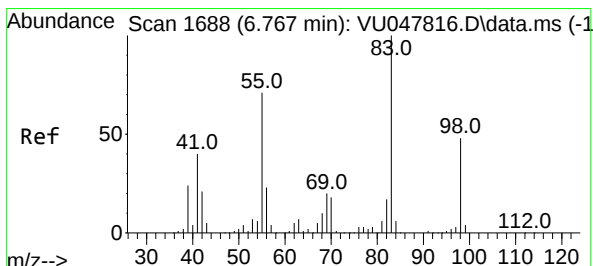
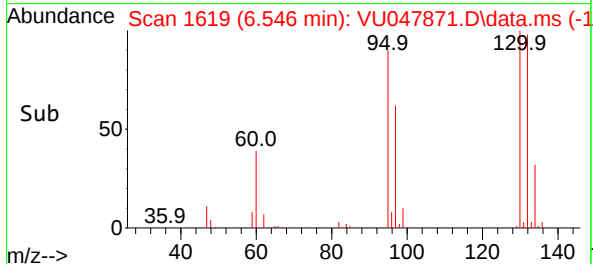
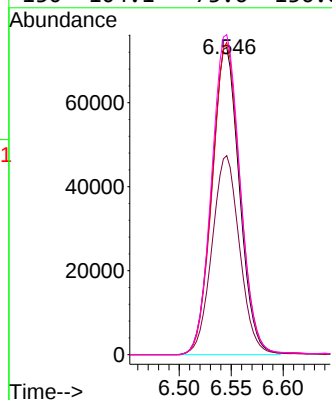
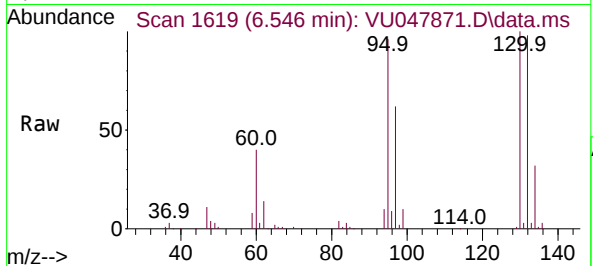




#34
Trichloroethene
Concen: 51.245 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047871.D
Acq: 08 Apr 2022 16:34

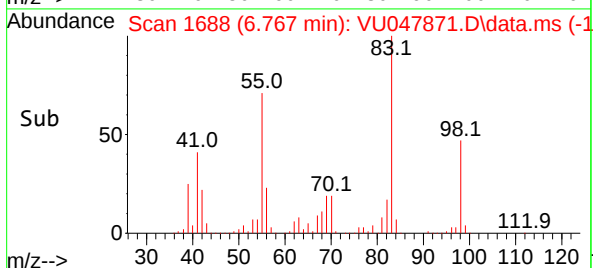
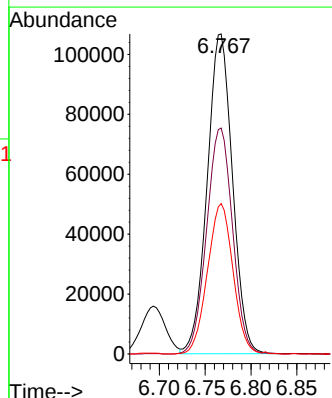
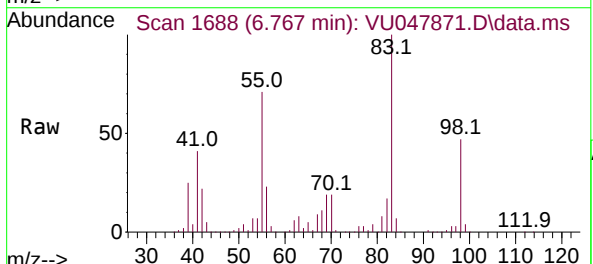
Instrument :
MSVOA_U
ClientSampleId :
VSTD050189

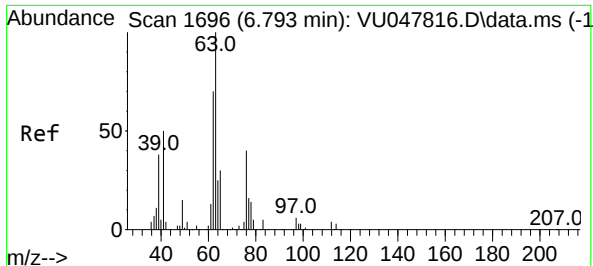
Tgt Ion: 95 Resp: 135505
Ion Ratio Lower Upper
95 100
97 64.8 44.7 82.9
132 101.5 70.4 130.8
130 104.1 73.6 136.8



#35
Methylcyclohexane
Concen: 50.989 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU047871.D
Acq: 08 Apr 2022 16:34

Tgt Ion: 83 Resp: 205118
Ion Ratio Lower Upper
83 100
55 72.4 56.8 85.2
98 47.3 38.1 57.1





#37

1,2-Dichloropropane

Concen: 54.094 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047871.D

Acq: 08 Apr 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

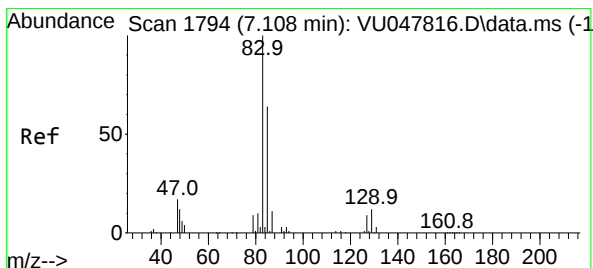
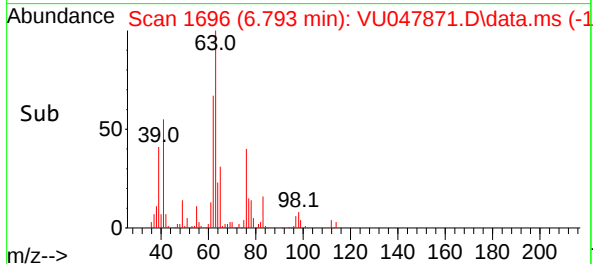
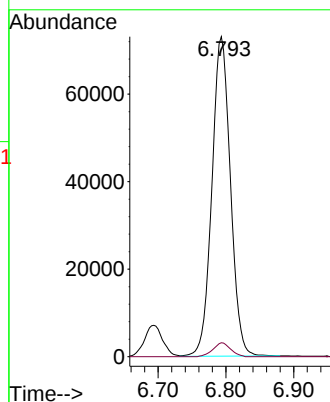
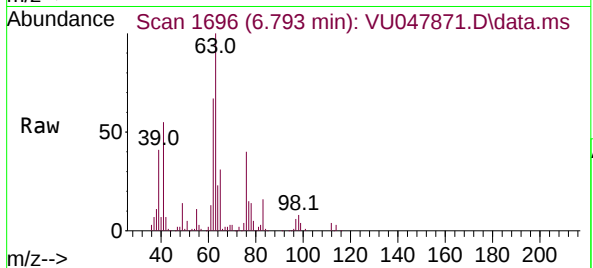
VSTD050189

Tgt Ion: 63 Resp: 138698

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.2



#38

Bromodichloromethane

Concen: 52.079 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU047871.D

Acq: 08 Apr 2022 16:34

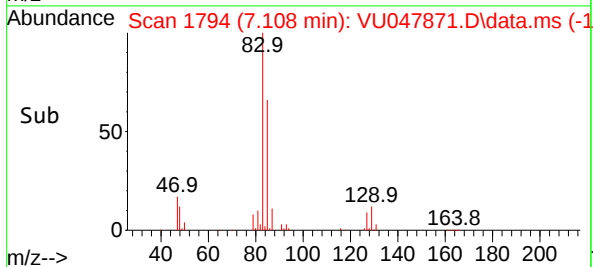
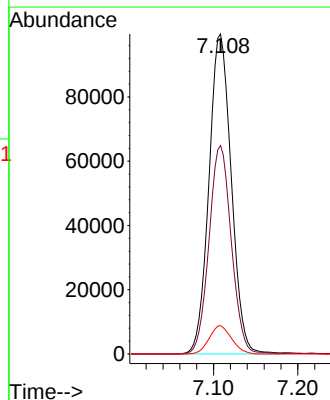
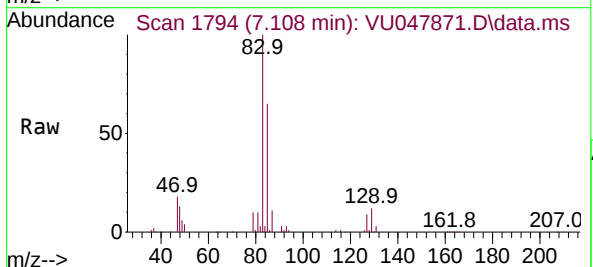
Tgt Ion: 83 Resp: 183371

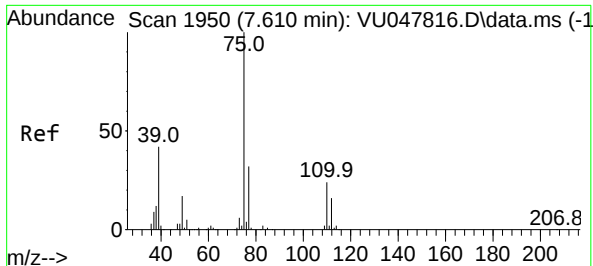
Ion Ratio Lower Upper

83 100

85 65.1 44.4 82.4

127 8.9 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 49.899 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047871.D

Acq: 08 Apr 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

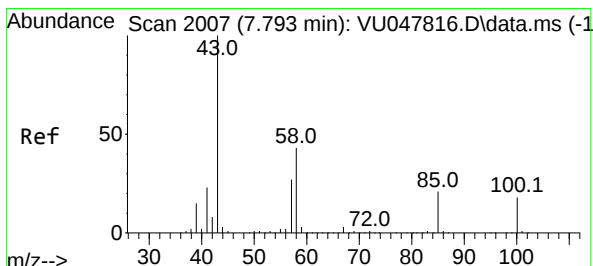
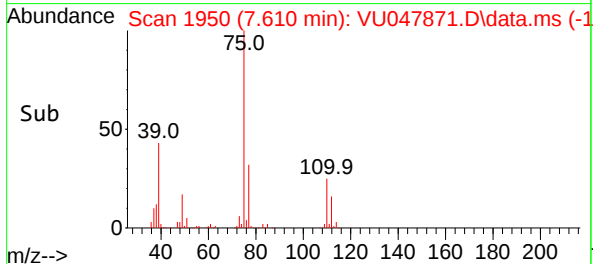
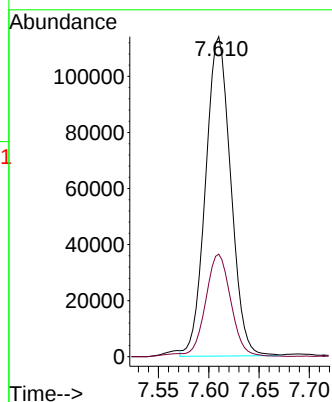
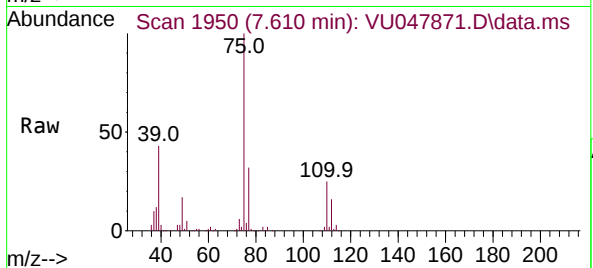
VSTD050189

Tgt Ion: 75 Resp: 198520

Ion Ratio Lower Upper

75 100

77 32.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 96.472 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.003 min

Lab File: VU047871.D

Acq: 08 Apr 2022 16:34

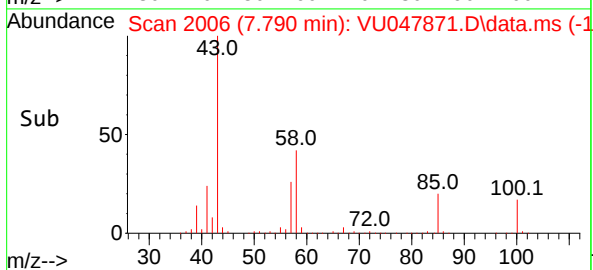
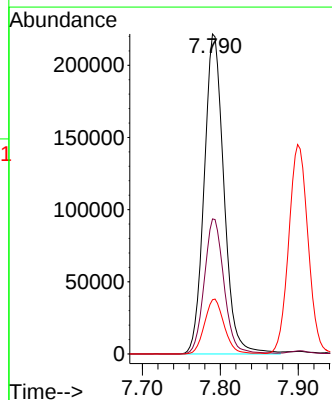
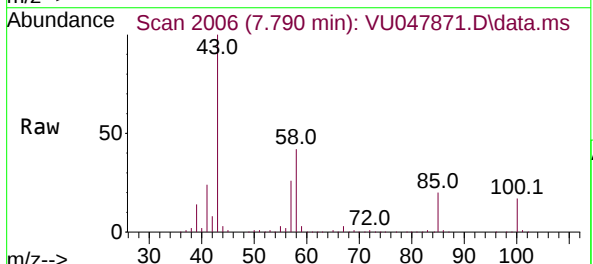
Tgt Ion: 43 Resp: 390946

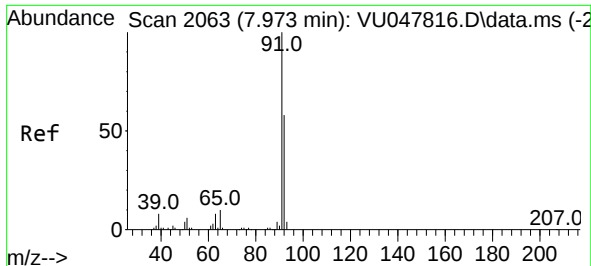
Ion Ratio Lower Upper

43 100

58 42.2 34.7 52.1

100 17.0 14.2 21.2





#42

Toluene

Concen: 52.786 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU047871.D

Acq: 08 Apr 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

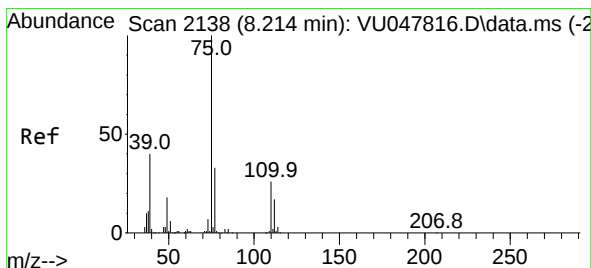
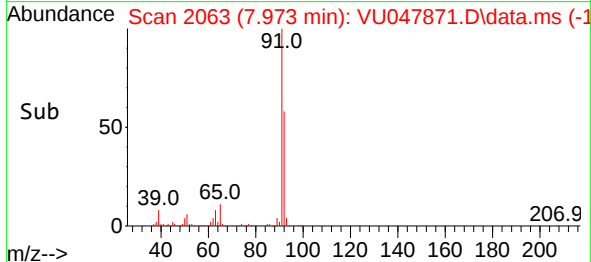
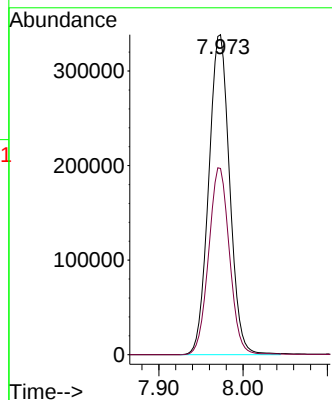
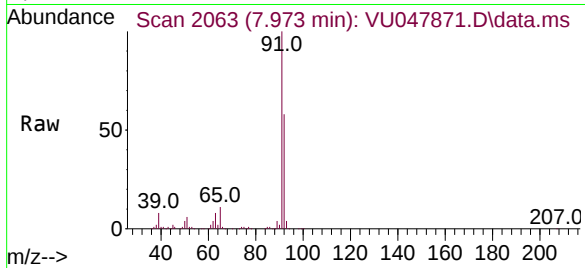
VSTD050189

Tgt Ion: 91 Resp: 584174

Ion Ratio Lower Upper

91 100

92 58.2 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 50.423 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU047871.D

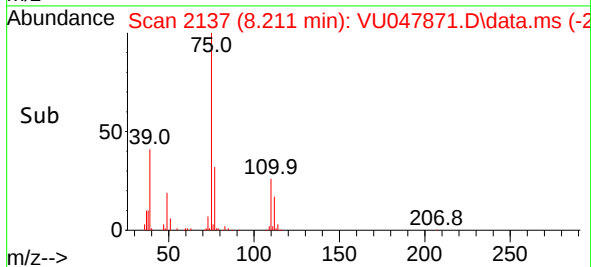
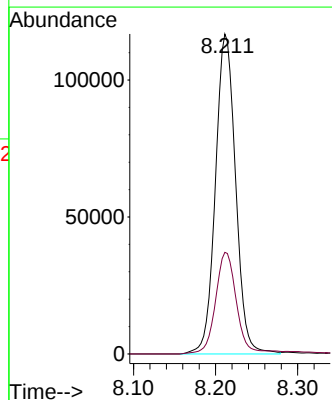
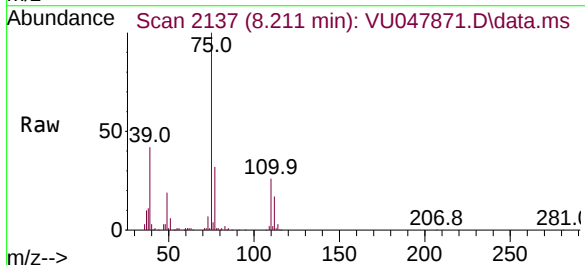
Acq: 08 Apr 2022 16:34

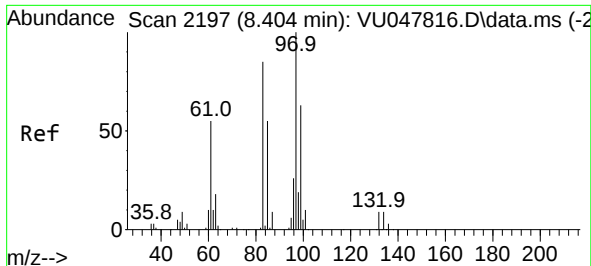
Tgt Ion: 75 Resp: 200294

Ion Ratio Lower Upper

75 100

77 31.8 22.0 40.8



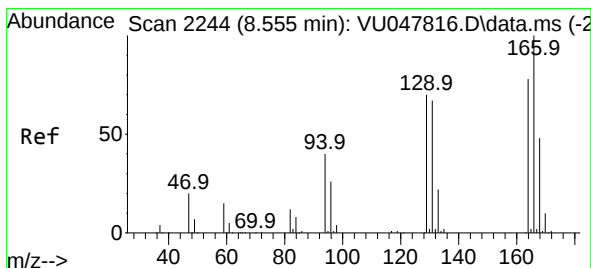
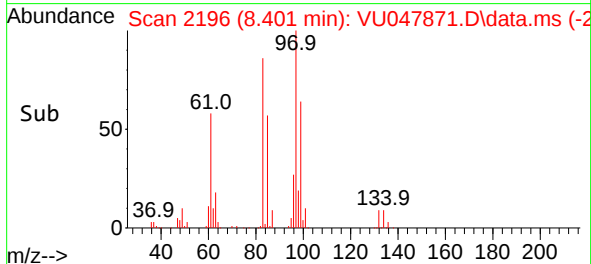
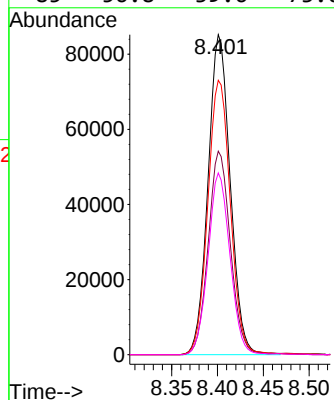
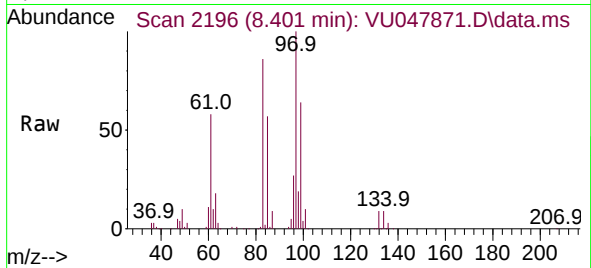


#45
1,1,2-Trichloroethane
Concen: 52.831 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU047871.D
Acq: 08 Apr 2022 16:34

Instrument :
MSVOA_U
ClientSampleId :
VSTD050189

Tgt Ion: 97 Resp: 143664

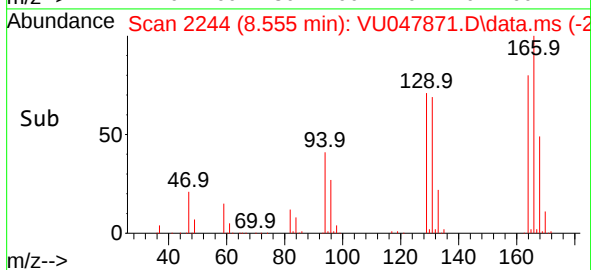
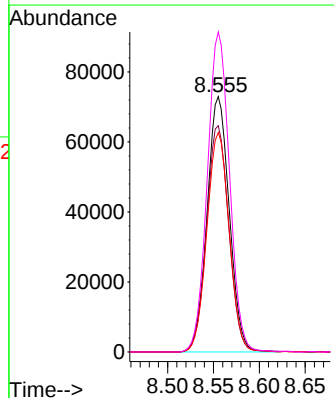
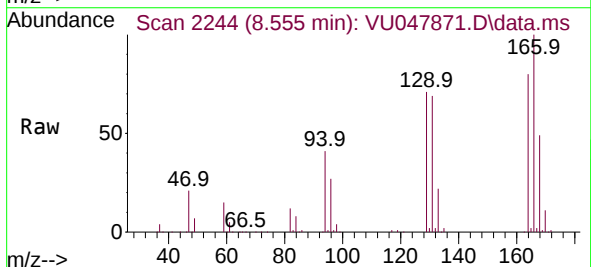
Ion	Ratio	Lower	Upper
97	100		
99	63.6	43.3	80.3
83	85.7	61.0	113.4
85	56.8	39.6	73.6

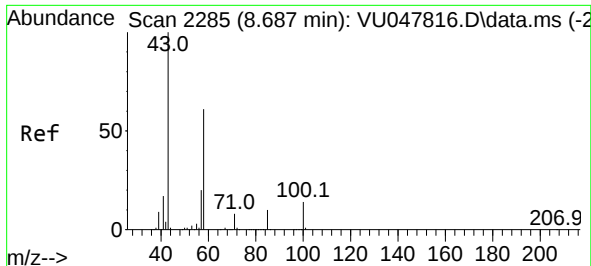


#46
Tetrachloroethene
Concen: 51.772 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047871.D
Acq: 08 Apr 2022 16:34

Tgt Ion: 164 Resp: 123023

Ion	Ratio	Lower	Upper
164	100		
129	88.6	62.4	116.0
131	85.9	60.7	112.7
166	125.3	89.0	165.4

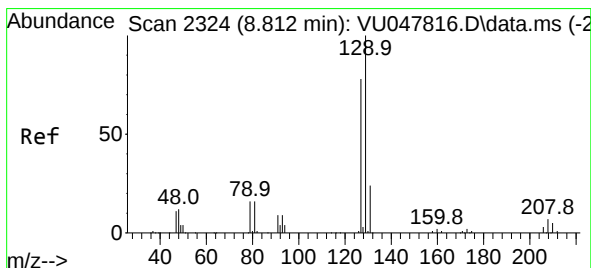
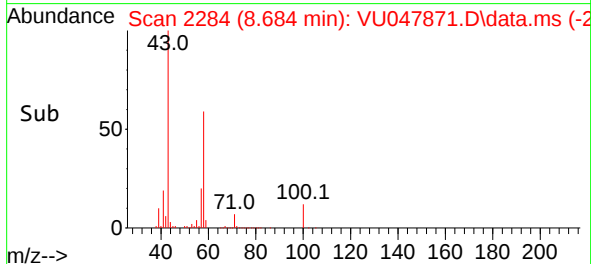
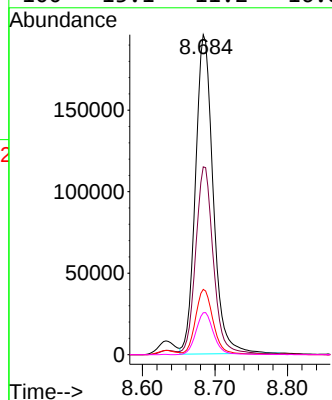
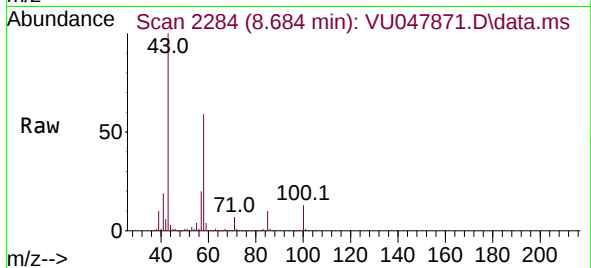




#48
2-Hexanone
Concen: 95.429 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047871.D
Acq: 08 Apr 2022 16:34

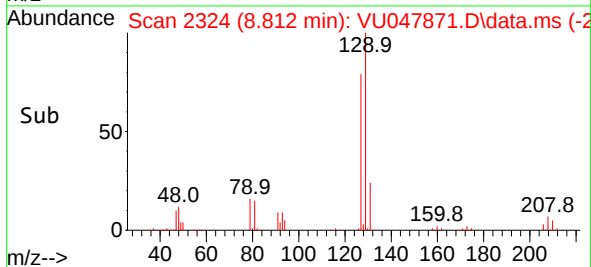
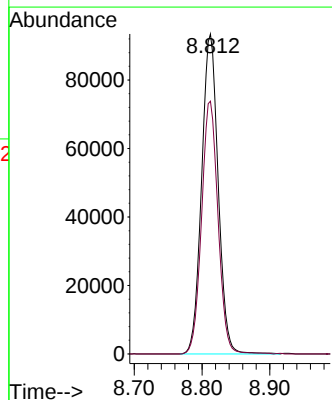
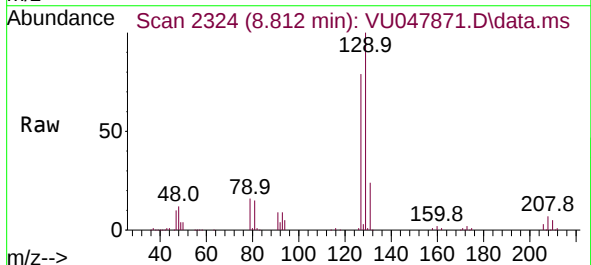
Instrument :
MSVOA_U
ClientSampleId :
VSTD050189

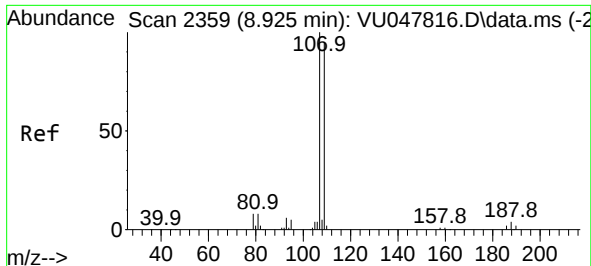
Tgt Ion: 43 Resp: 332648
Ion Ratio Lower Upper
43 100
58 58.1 48.1 72.1
57 20.0 16.2 24.4
100 13.1 11.2 16.8



#49
Dibromochloromethane
Concen: 50.351 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047871.D
Acq: 08 Apr 2022 16:34

Tgt Ion: 129 Resp: 158585
Ion Ratio Lower Upper
129 100
127 79.0 54.2 100.6





#50

1,2-Dibromoethane

Concen: 51.898 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047871.D

Acq: 08 Apr 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD050189

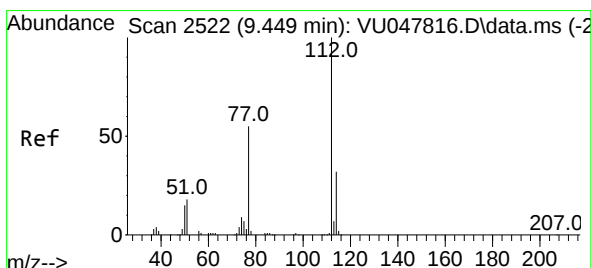
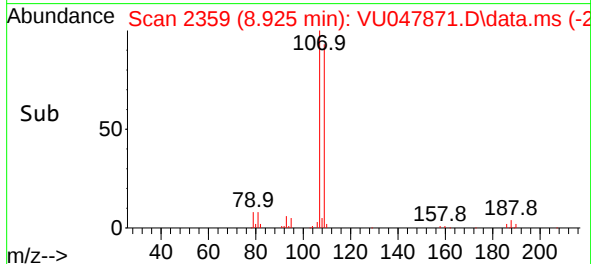
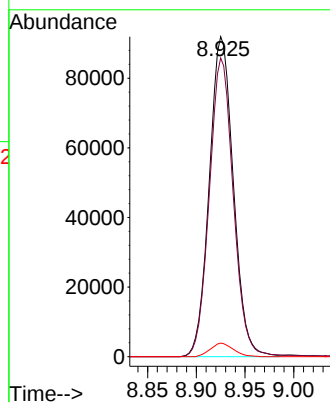
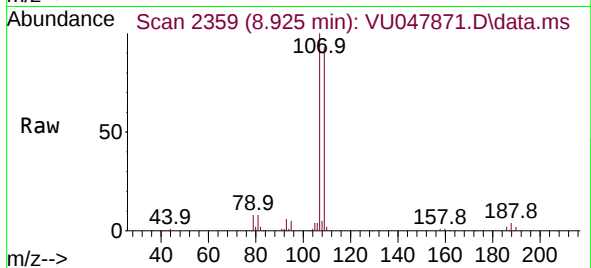
Tgt Ion:107 Resp: 158216

Ion Ratio Lower Upper

107 100

109 93.3 66.6 123.6

188 4.3 3.4 5.2



#51

Chlorobenzene

Concen: 51.581 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU047871.D

Acq: 08 Apr 2022 16:34

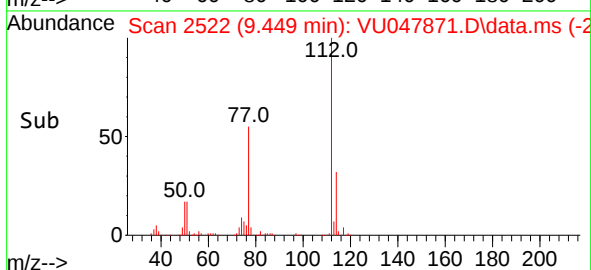
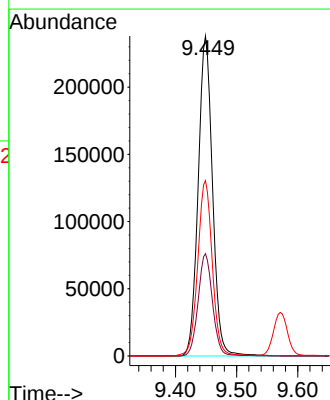
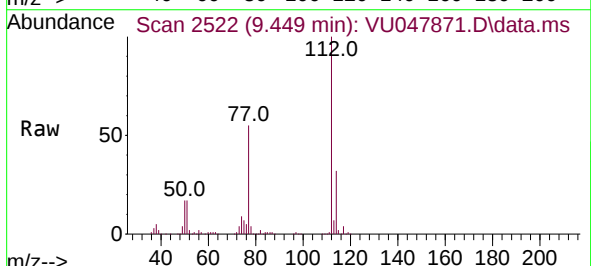
Tgt Ion:112 Resp: 387592

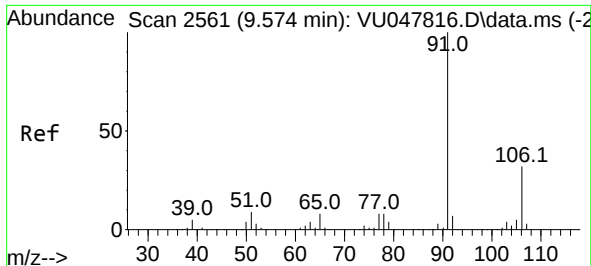
Ion Ratio Lower Upper

112 100

114 32.0 22.1 41.1

77 54.8 43.4 65.0

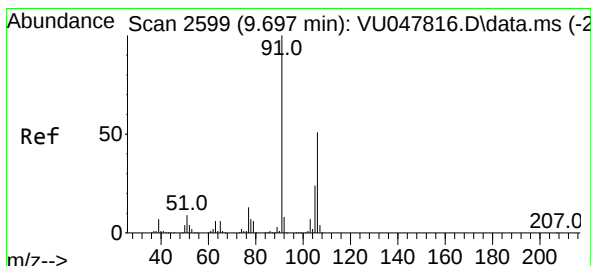
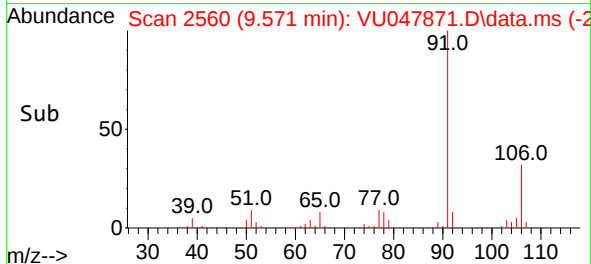
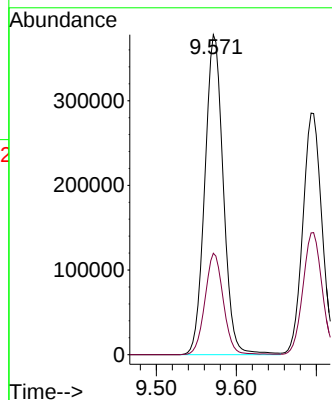
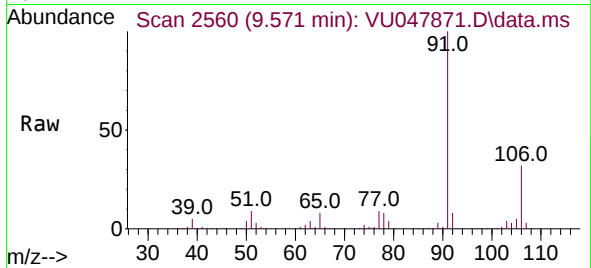




#52
Ethylbenzene
Concen: 52.262 ug/L
RT: 9.571 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU047871.D
Acq: 08 Apr 2022 16:34

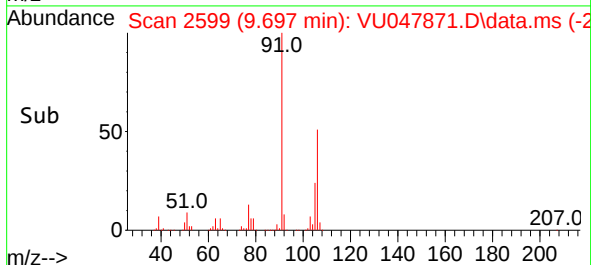
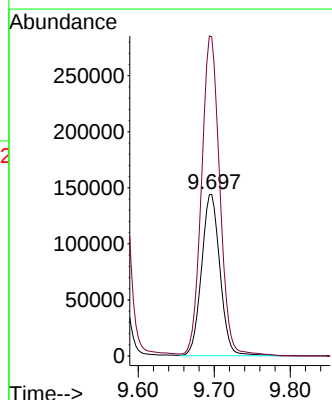
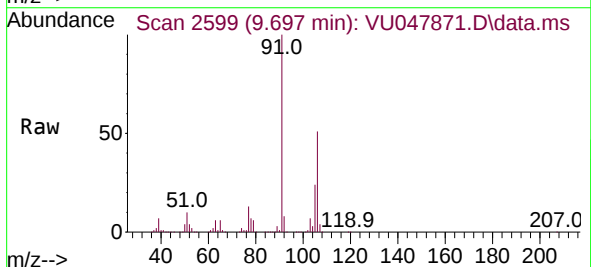
Instrument :
MSVOA_U
ClientSampleId :
VSTD050189

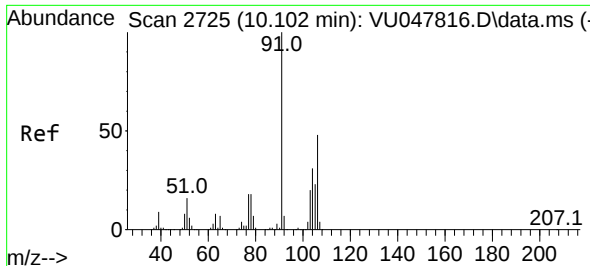
Tgt Ion: 91 Resp: 608137
Ion Ratio Lower Upper
91 100
106 31.7 22.4 41.6



#53
m,p-Xylene
Concen: 53.008 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU047871.D
Acq: 08 Apr 2022 16:34

Tgt Ion: 106 Resp: 242030
Ion Ratio Lower Upper
106 100
91 197.5 137.7 255.7

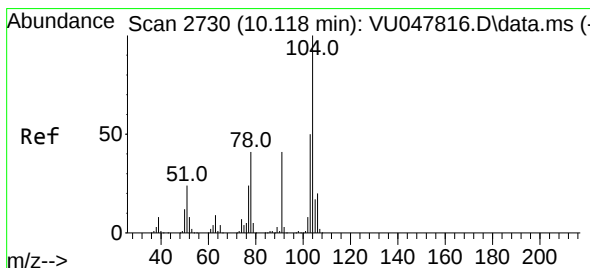
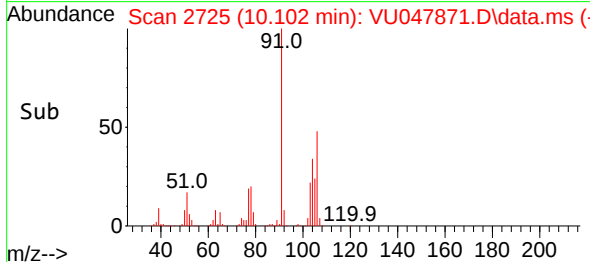
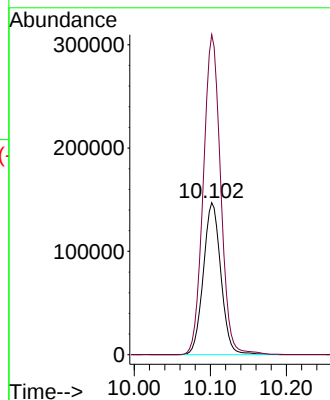
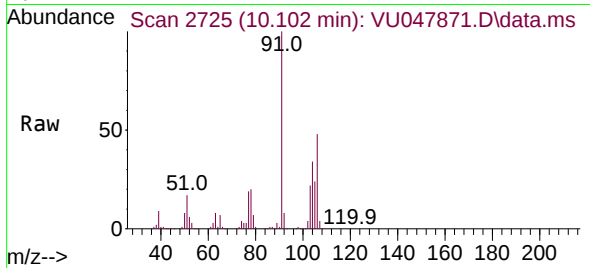




#54
o-Xylene
Concen: 52.599 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047871.D
Acq: 08 Apr 2022 16:34

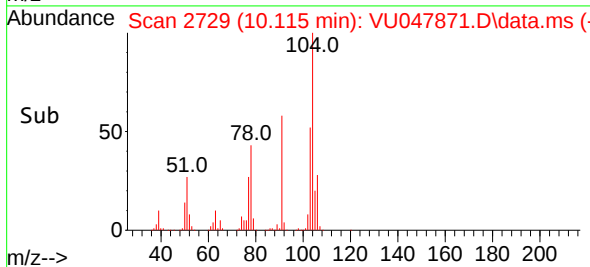
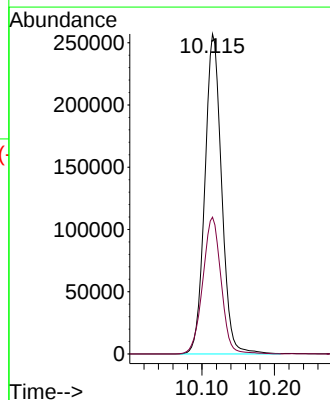
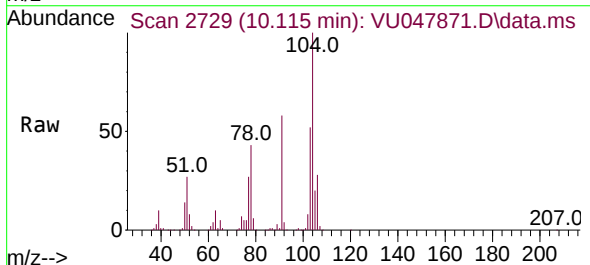
Instrument :
MSVOA_U
ClientSampleId :
VSTD050189

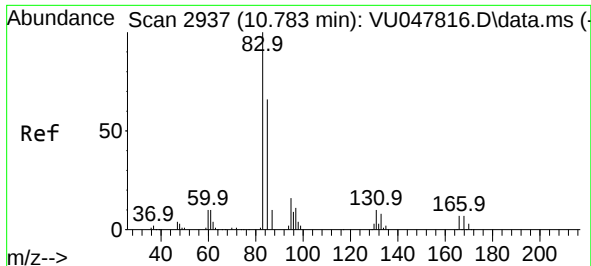
Tgt Ion:106 Resp: 235711
Ion Ratio Lower Upper
106 100
91 210.4 146.7 272.5



#55
Styrene
Concen: 53.997 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU047871.D
Acq: 08 Apr 2022 16:34

Tgt Ion:104 Resp: 413124
Ion Ratio Lower Upper
104 100
78 42.8 30.4 56.4

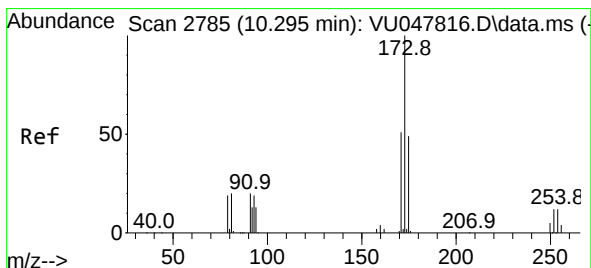
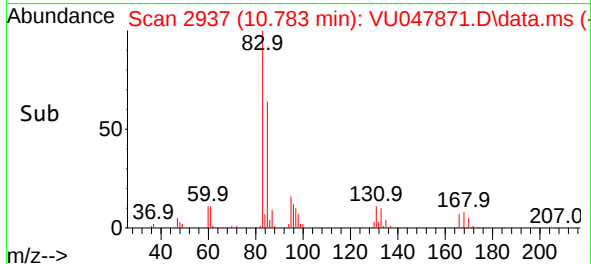
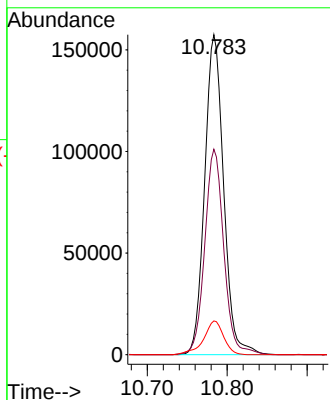
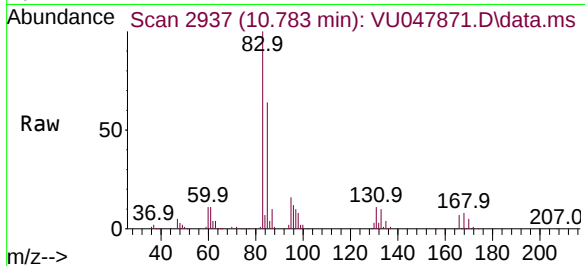




#57
1,1,2,2-Tetrachloroethane
Concen: 50.933 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047871.D
Acq: 08 Apr 2022 16:34

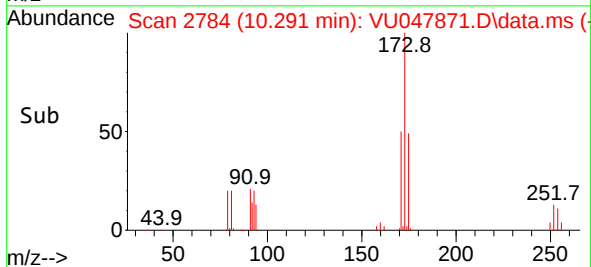
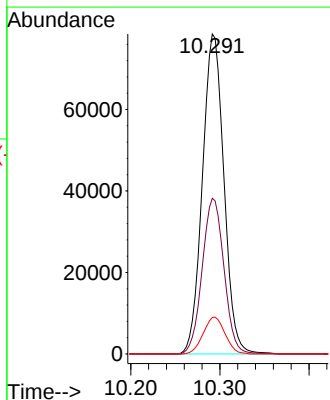
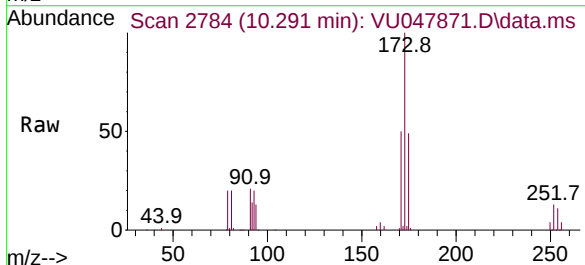
Instrument :
MSVOA_U
ClientSampleId :
VSTD050189

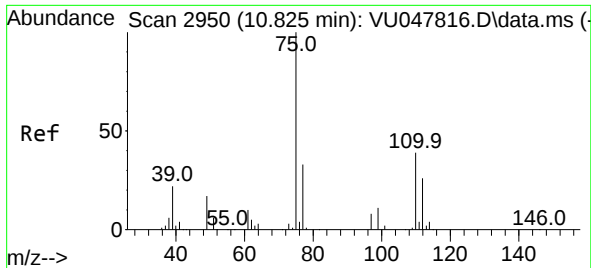
Tgt Ion: 83 Resp: 259657
Ion Ratio Lower Upper
83 100
85 64.2 44.9 83.3
131 10.6 8.6 13.0



#59
Bromoform
Concen: 48.292 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VU047871.D
Acq: 08 Apr 2022 16:34

Tgt Ion: 173 Resp: 131634
Ion Ratio Lower Upper
173 100
175 49.2 38.7 58.1
254 11.7 9.6 14.4

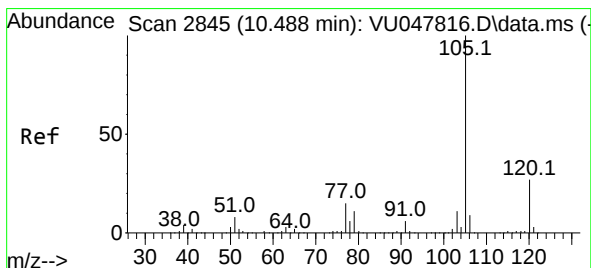
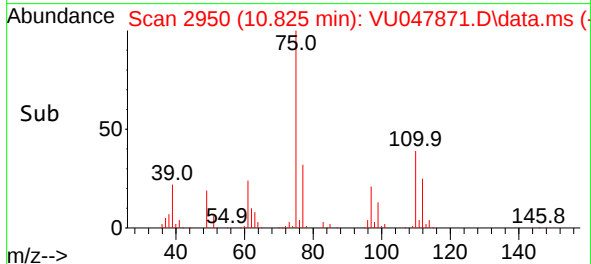
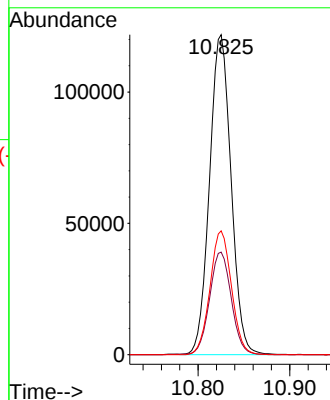
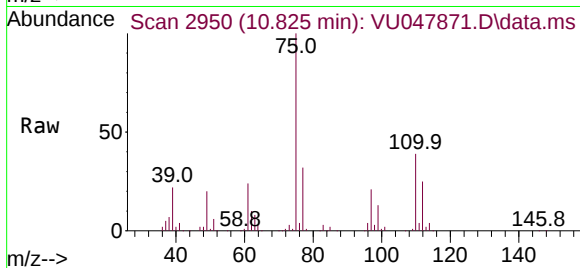




#60
1,2,3-Trichloropropane
Concen: 49.521 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU047871.D
Acq: 08 Apr 2022 16:34

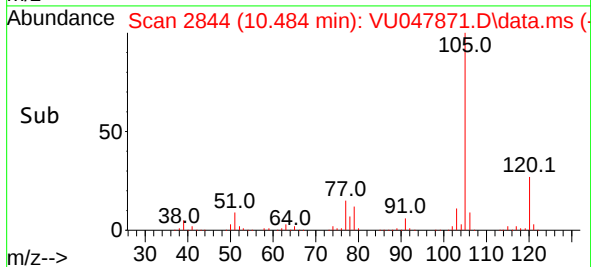
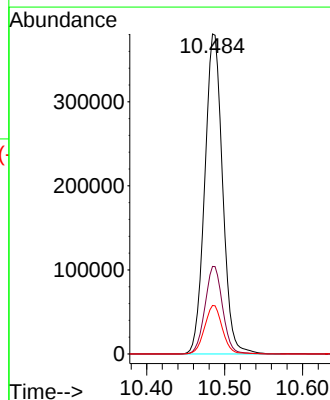
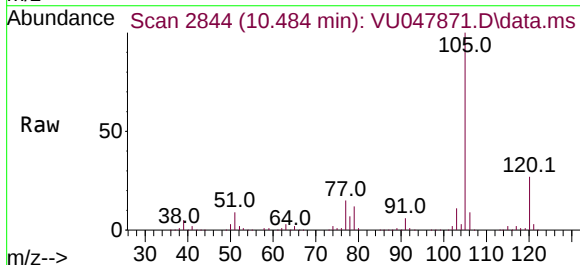
Instrument :
MSVOA_U
ClientSampleId :
VSTD050189

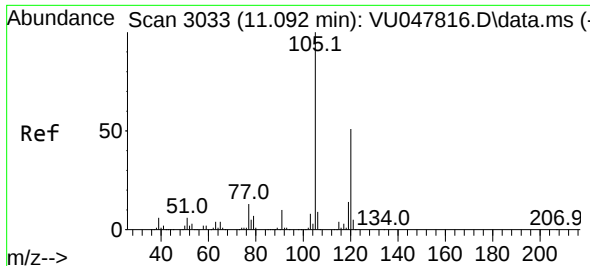
Tgt Ion: 75 Resp: 199000
Ion Ratio Lower Upper
75 100
77 32.4 26.0 39.0
110 38.5 31.4 47.2



#61
Isopropylbenzene
Concen: 52.459 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU047871.D
Acq: 08 Apr 2022 16:34

Tgt Ion: 105 Resp: 604351
Ion Ratio Lower Upper
105 100
120 27.2 21.9 32.9
77 15.2 12.1 18.1

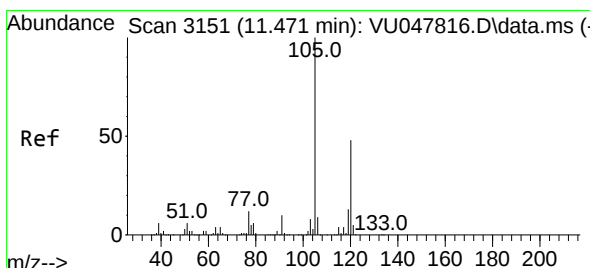
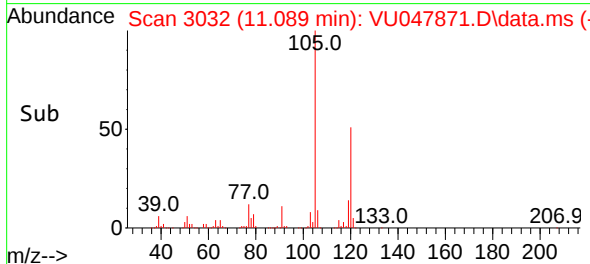
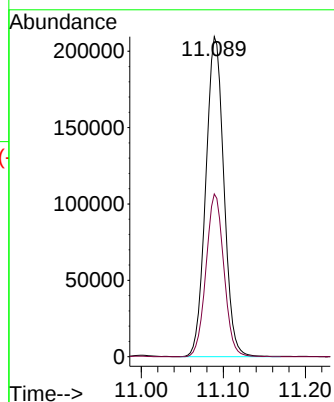
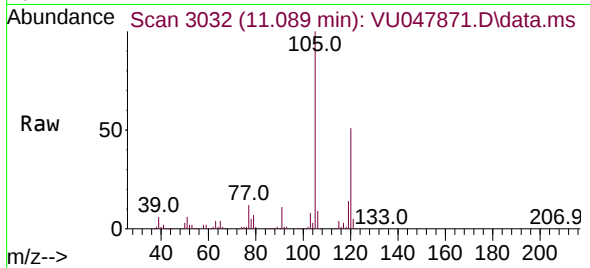




#62
1,3,5-Trimethylbenzene
Concen: 51.326 ug/L
RT: 11.089 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU047871.D
Acq: 08 Apr 2022 16:34

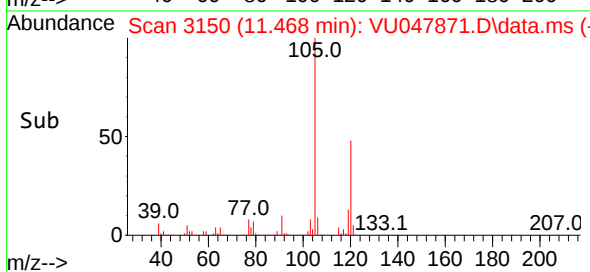
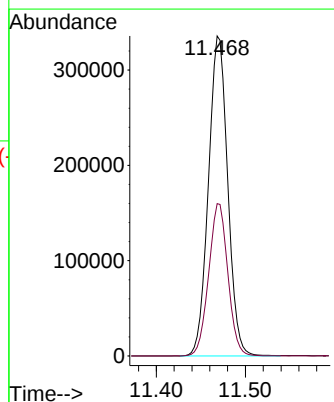
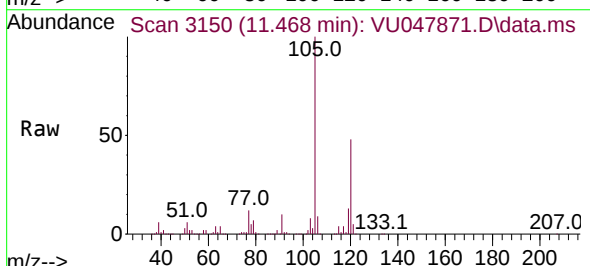
Instrument :
MSVOA_U
ClientSampleId :
VSTD050189

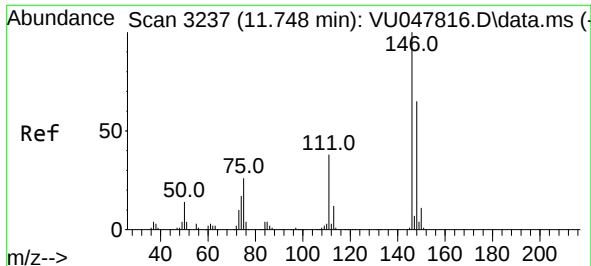
Tgt Ion:105 Resp: 320824
Ion Ratio Lower Upper
105 100
120 50.2 40.8 61.2



#63
1,2,4-Trimethylbenzene
Concen: 53.102 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU047871.D
Acq: 08 Apr 2022 16:34

Tgt Ion:105 Resp: 504184
Ion Ratio Lower Upper
105 100
120 47.4 37.6 56.4

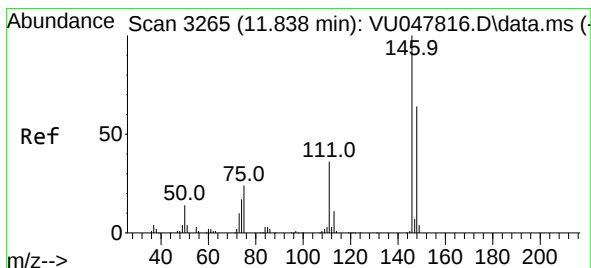
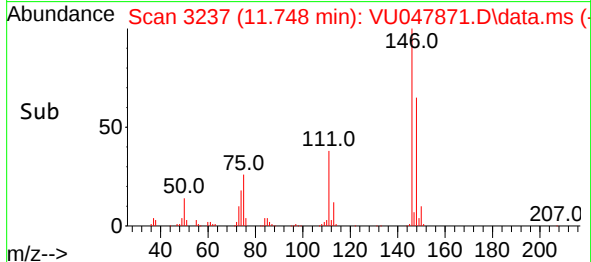
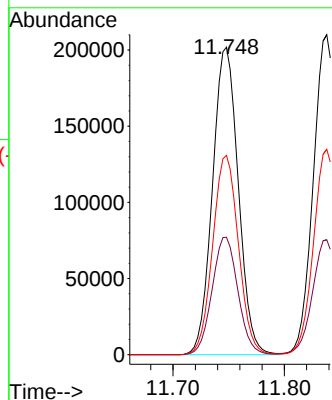
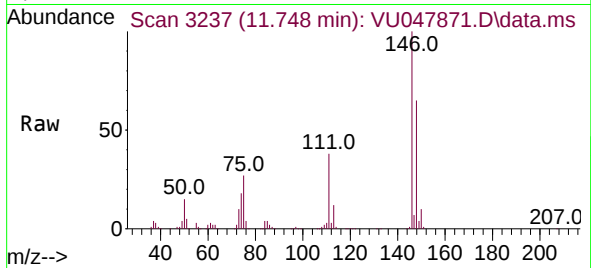




#64
1,3-Dichlorobenzene
Concen: 50.746 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU047871.D
Acq: 08 Apr 2022 16:34

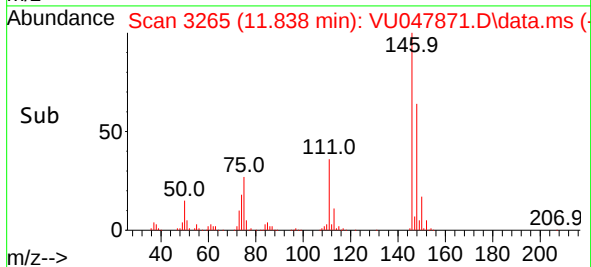
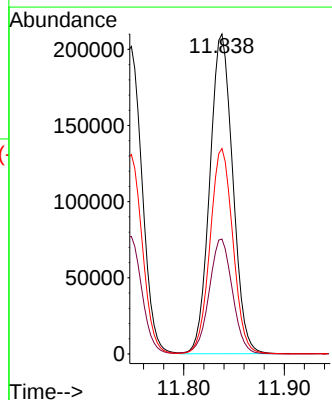
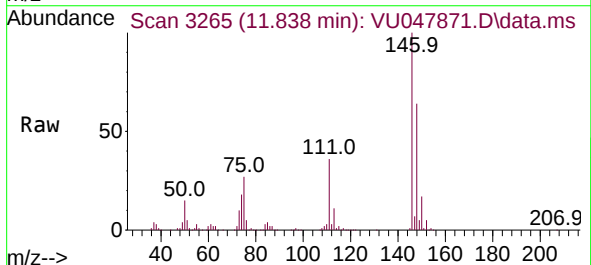
Instrument :
MSVOA_U
ClientSampleId :
VSTD050189

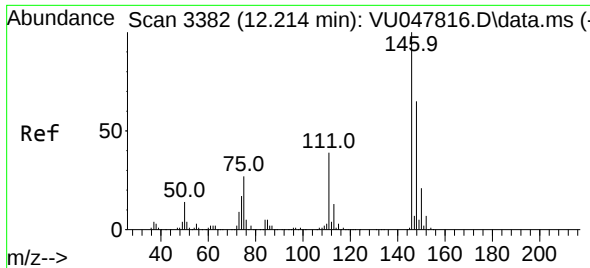
Tgt Ion:146 Resp: 324943
Ion Ratio Lower Upper
146 100
111 38.2 26.7 49.7
148 64.8 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 50.297 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU047871.D
Acq: 08 Apr 2022 16:34

Tgt Ion:146 Resp: 333599
Ion Ratio Lower Upper
146 100
111 35.9 25.3 47.1
148 64.2 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 50.770 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU047871.D

Acq: 08 Apr 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD050189

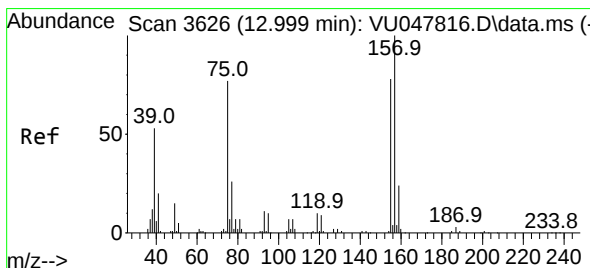
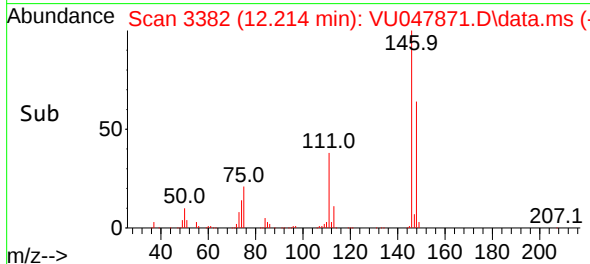
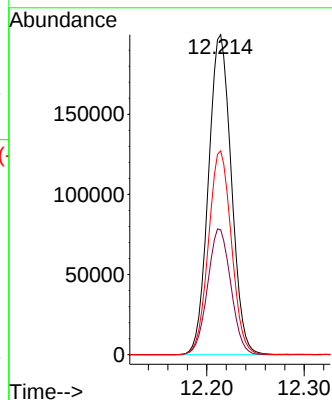
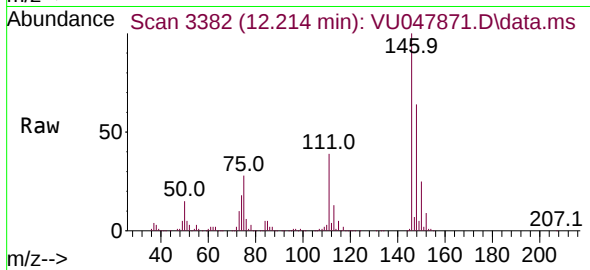
Tgt Ion:146 Resp: 325289

Ion Ratio Lower Upper

146 100

111 39.0 31.7 47.5

148 63.7 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 44.493 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU047871.D

Acq: 08 Apr 2022 16:34

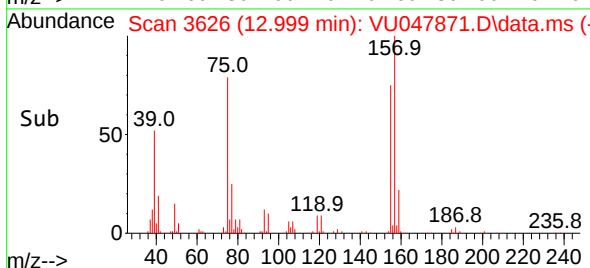
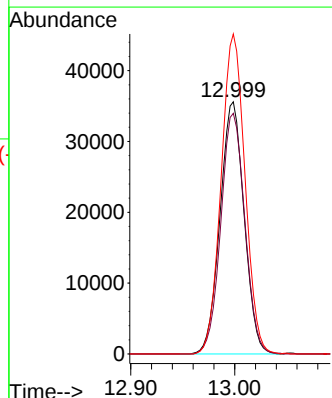
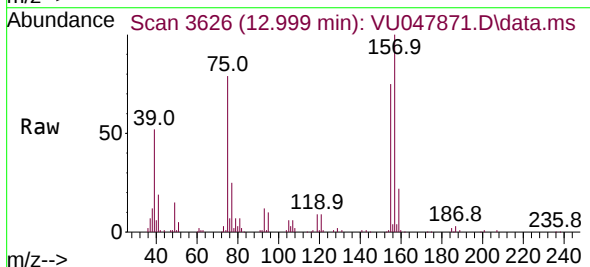
Tgt Ion: 75 Resp: 57273

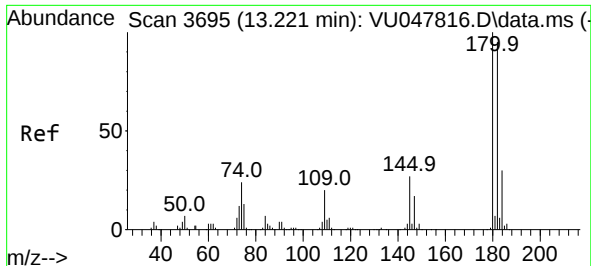
Ion Ratio Lower Upper

75 100

155 95.4 78.9 118.3

157 126.9 97.5 146.3

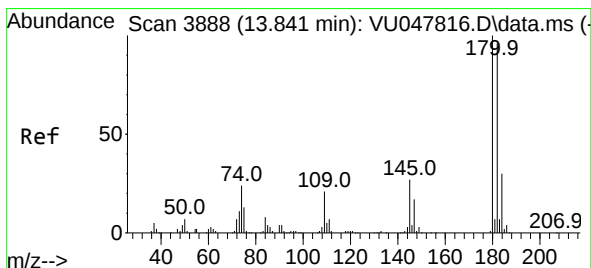
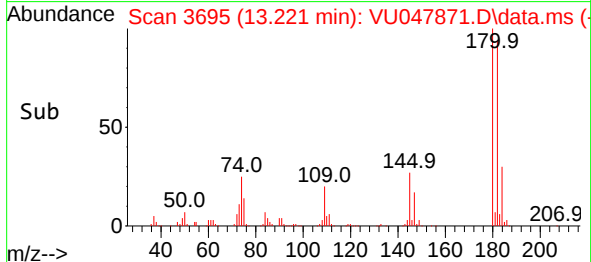
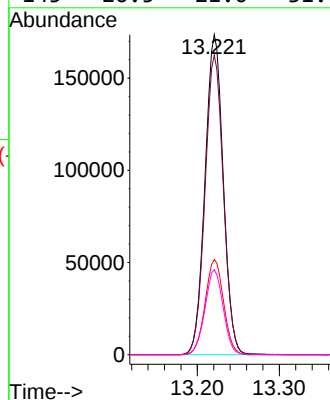
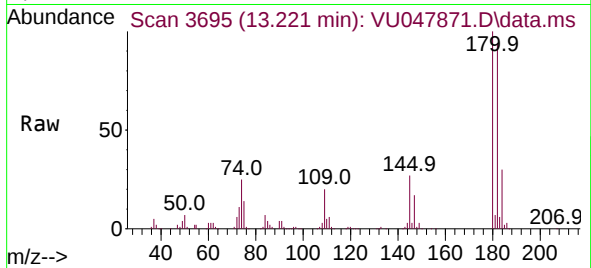




#69
 1,3,5-Trichlorobenzene
 Concen: 51.473 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU047871.D
 Acq: 08 Apr 2022 16:34

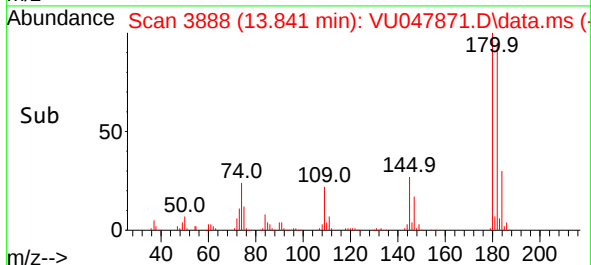
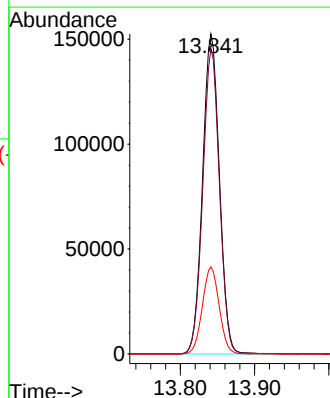
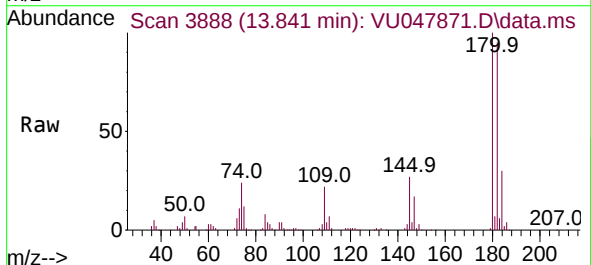
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050189

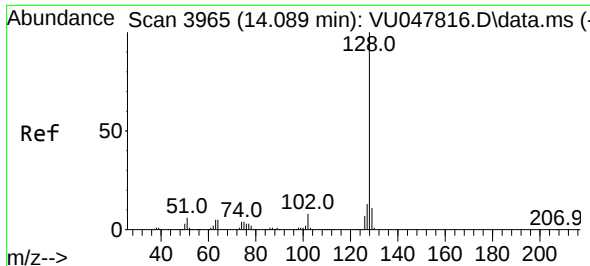
Tgt Ion:180	Resp:	267685
Ion Ratio	Lower	Upper
180	100	
182	94.3	77.0 115.6
184	30.1	24.5 36.7
145	26.5	21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 52.845 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047871.D
 Acq: 08 Apr 2022 16:34

Tgt Ion:180	Resp:	240714
Ion Ratio	Lower	Upper
180	100	
182	94.2	76.2 114.2
145	27.1	21.8 32.8

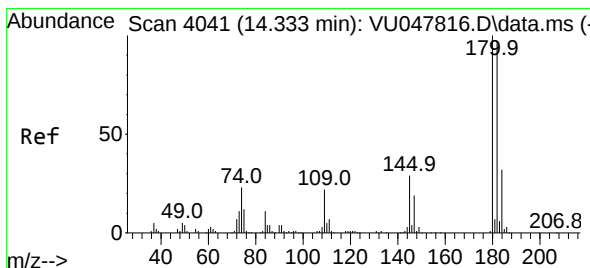
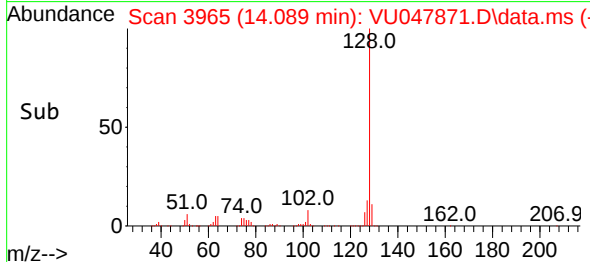
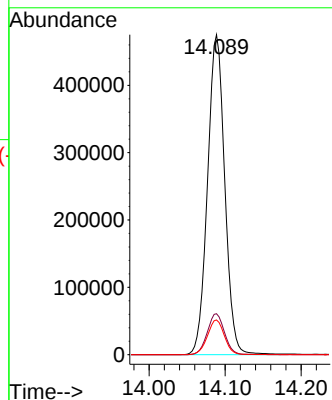
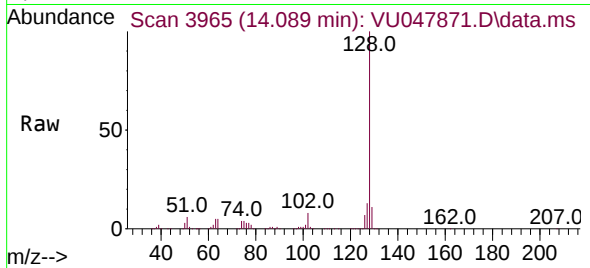




#71
Naphthalene
Concen: 55.085 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU047871.D
Acq: 08 Apr 2022 16:34

Instrument :
MSVOA_U
ClientSampleId :
VSTD050189

Tgt Ion:128 Resp: 748076
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: 54.248 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.003 min
Lab File: VU047871.D
Acq: 08 Apr 2022 16:34

Tgt Ion:180 Resp: 247715
Ion Ratio Lower Upper
180 100
182 96.3 77.4 116.0
145 28.8 22.8 34.2

