

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU048041.D
 Acq On : 14 Apr 2022 06:04
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050199

Quant Time: Apr 14 07:22:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 14 06:53:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	345712	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	359888	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	211667	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	120065	47.892	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.780%
7) Chloroethane-d5	1.916	69	105215	53.226	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.460%
11) 1,1-Dichloroethene-d2	2.571	63	208779	45.518	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.040%
21) 2-Butanone-d5	4.620	46	206254	95.852	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.850%
24) Chloroform-d	5.067	84	232650	50.718	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.440%
26) 1,2-Dichloroethane-d4	5.703	65	143271	50.925	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.860%
32) Benzene-d6	5.729	84	463984	51.236	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.480%
36) 1,2-Dichloropropane-d6	6.694	67	146953	52.840	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.680%
41) Toluene-d8	7.899	98	433536	49.137	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.280%
43) trans-1,3-Dichloroprop...	8.179	79	61024	43.311	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.620%
47) 2-Hexanone-d5	8.632	63	156659	96.224	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.220%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	233847	48.995	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.980%
66) 1,2-Dichlorobenzene-d4	12.195	152	184994	49.125	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	140052	43.697	ug/L	99
3) Chloromethane	1.523	50	144941	47.287	ug/L	100
5) Vinyl chloride	1.607	62	156109	49.938	ug/L	97
6) Bromomethane	1.858	94	63959	38.013	ug/L	99
8) Chloroethane	1.935	64	95836	48.835	ug/L	97
9) Trichlorofluoromethane	2.141	101	202921	46.032	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	118751	46.604	ug/L	99
12) 1,1-Dichloroethene	2.584	96	111990	47.225	ug/L	85
13) Acetone	2.623	43	140234	70.031	ug/L	97
14) Carbon disulfide	2.797	76	310799	41.462	ug/L	99
15) Methyl Acetate	2.948	43	155741	48.774	ug/L	97
16) Methylene chloride	3.051	84	139456	51.247	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	122939	48.064	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	367827	50.972	ug/L	99
19) 1,1-Dichloroethane	3.874	63	231758	52.537	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	141243	50.369	ug/L	97
22) 2-Butanone	4.700	43	220399	85.443	ug/L	97
23) Bromochloromethane	4.977	128	79773	51.814	ug/L	97
25) Chloroform	5.089	83	245123	51.612	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU048041.D
 Acq On : 14 Apr 2022 06:04
 Operator : SY/MD
 Sample : VSTDCCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 54 Sample Multiplier: 1

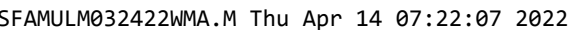
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050199

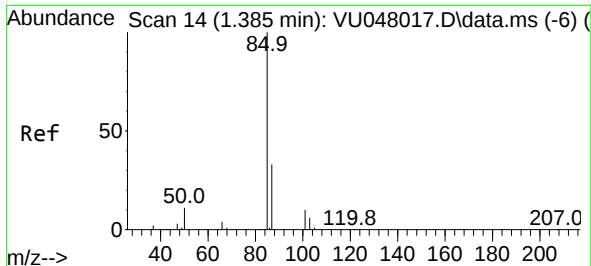
Quant Time: Apr 14 07:22:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 14 06:53:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	185776	50.629	ug/L	97
29) Cyclohexane	5.391	56	174351	47.743	ug/L	95
30) 1,1,1-Trichloroethane	5.317	97	202699	49.672	ug/L	99
31) Carbon tetrachloride	5.526	117	175167	47.536	ug/L	99
33) Benzene	5.777	78	538096	51.655	ug/L	100
34) Trichloroethene	6.542	95	134817	49.365	ug/L	99
35) Methylcyclohexane	6.767	83	178454	42.951	ug/L	97
37) 1,2-Dichloropropane	6.790	63	140406	53.020	ug/L	100
38) Bromodichloromethane	7.105	83	183510	50.463	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	189994	46.239	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	410339	98.040	ug/L	97
42) Toluene	7.970	91	581954	50.915	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	186704	45.508	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	146152	52.038	ug/L	100
46) Tetrachloroethene	8.555	164	112491	45.836	ug/L	98
48) 2-Hexanone	8.684	43	334922	93.028	ug/L	99
49) Dibromochloromethane	8.809	129	158369	48.685	ug/L	99
50) 1,2-Dibromoethane	8.925	107	157967	50.170	ug/L	100
51) Chlorobenzene	9.446	112	386642	49.820	ug/L	99
52) Ethylbenzene	9.571	91	591384	49.207	ug/L	99
53) m,p-Xylene	9.693	106	237091	50.277	ug/L	98
54) o-Xylene	10.102	106	231809	50.085	ug/L	100
55) Styrene	10.115	104	400897	50.734	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	259585	49.301	ug/L	98
59) Bromoform	10.291	173	128745	47.566	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	201307	50.449	ug/L	99
61) Isopropylbenzene	10.484	105	582626	50.931	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	300055	48.343	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	468121	49.652	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	309730	48.712	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	311252	47.260	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	315056	49.521	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	58450	45.729	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	227065	43.972	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	201244	44.493	ug/L	99
71) Naphthalene	14.086	128	617696	45.806	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	211734	46.696	ug/L	100

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

Quant Time: Apr 14 07:22:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 14 06:53:20 2022
Response via : Initial Calibration

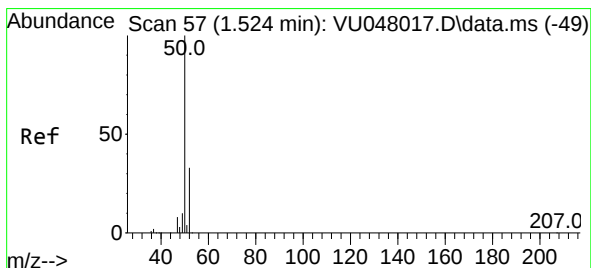
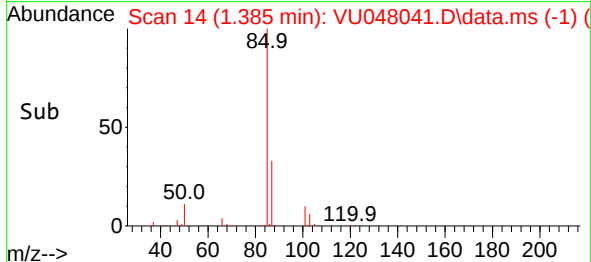
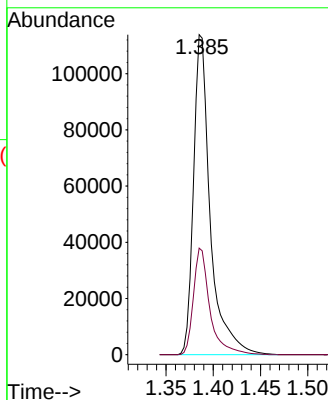
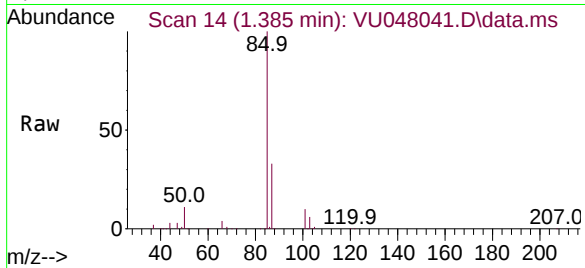




#2
Dichlorodifluoromethane
Concen: 43.697 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU048041.D
Acq: 14 Apr 2022 06:04

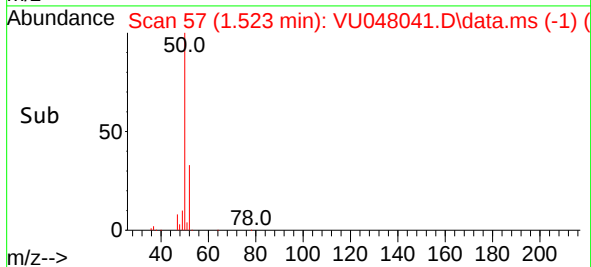
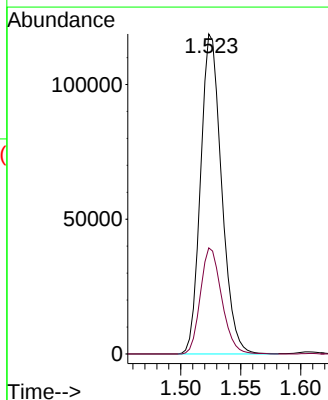
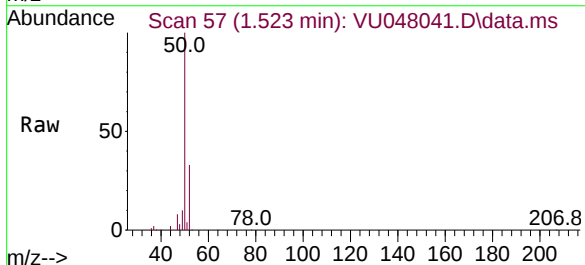
Instrument :
MSVOA_U
ClientSampleId :
VSTD050199

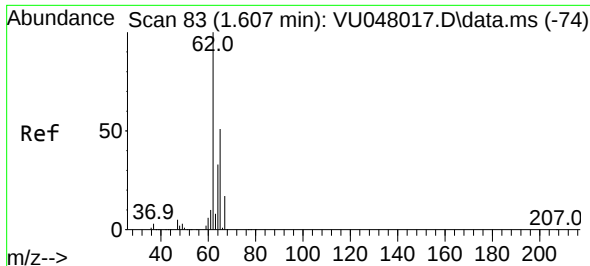
Tgt Ion: 85 Resp: 140052
Ion Ratio Lower Upper
85 100
87 32.9 25.8 38.8



#3
Chloromethane
Concen: 47.287 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU048041.D
Acq: 14 Apr 2022 06:04

Tgt Ion: 50 Resp: 144941
Ion Ratio Lower Upper
50 100
52 33.2 23.2 43.2

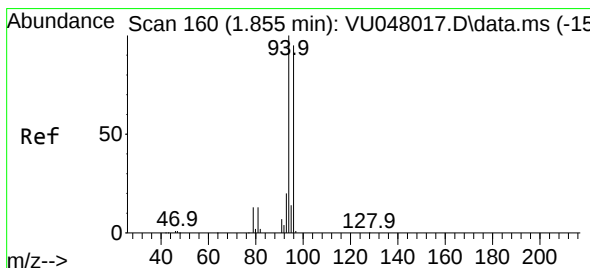
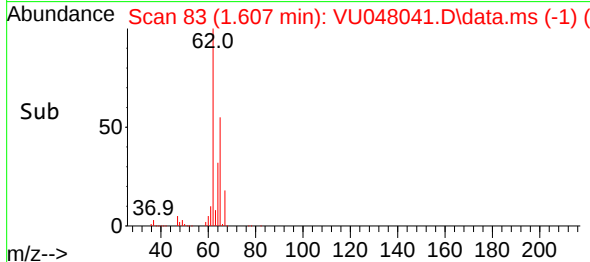
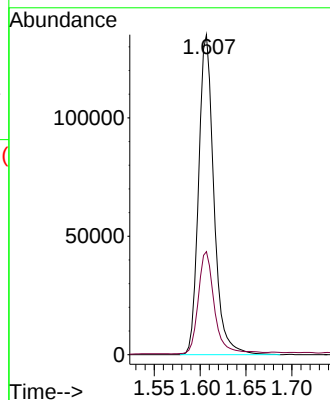
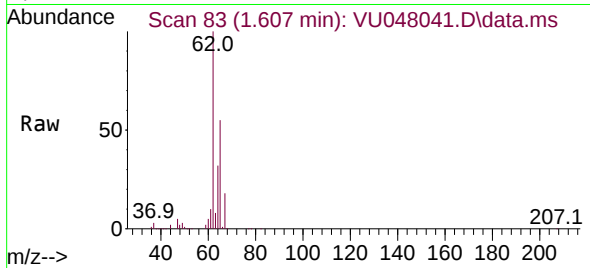




#5
 Vinyl chloride
 Concen: 49.938 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU048041.D
 Acq: 14 Apr 2022 06:04

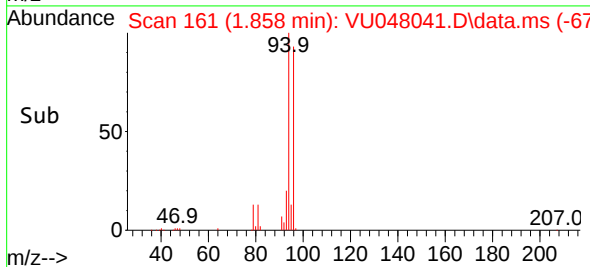
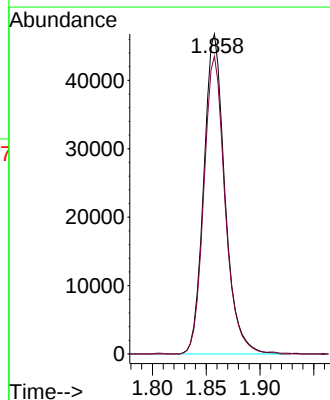
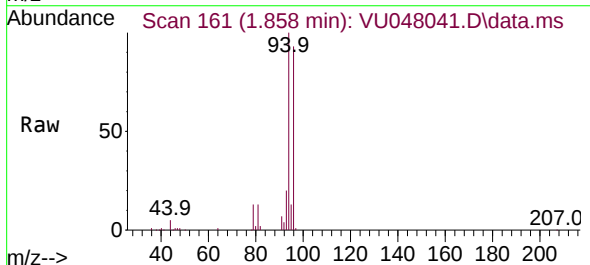
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050199

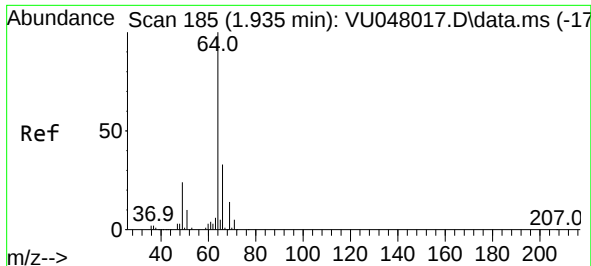
Tgt Ion: 62 Resp: 156109
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.7 43.9



#6
 Bromomethane
 Concen: 38.013 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.003 min
 Lab File: VU048041.D
 Acq: 14 Apr 2022 06:04

Tgt Ion: 94 Resp: 63959
 Ion Ratio Lower Upper
 94 100
 96 93.0 64.8 120.3

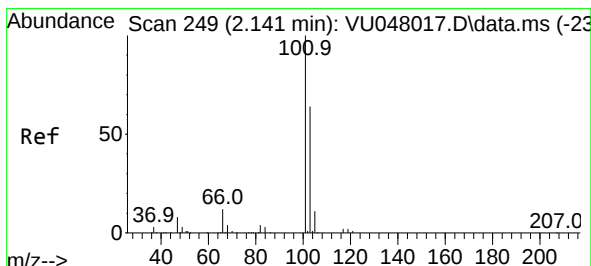
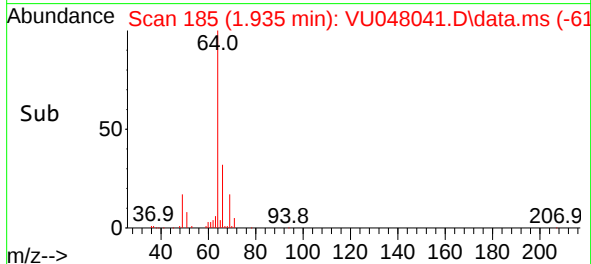
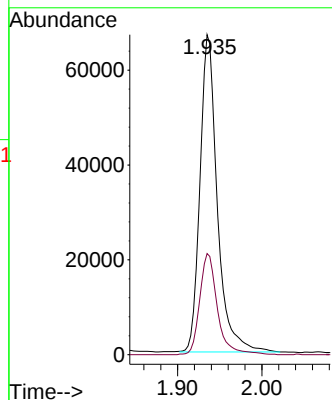
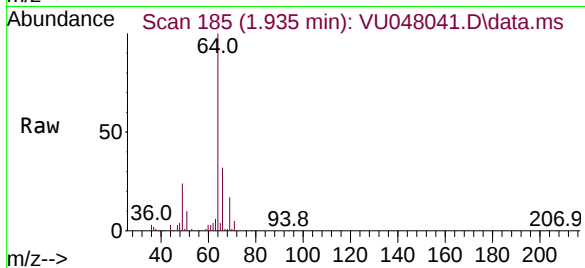




#8
Chloroethane
Concen: 48.835 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU048041.D
Acq: 14 Apr 2022 06:04

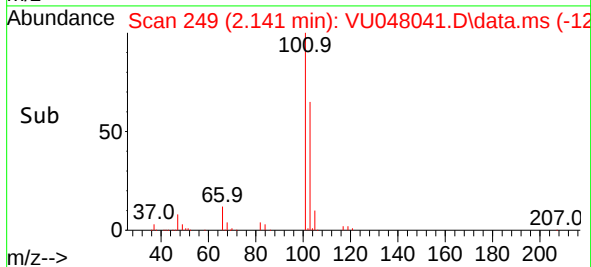
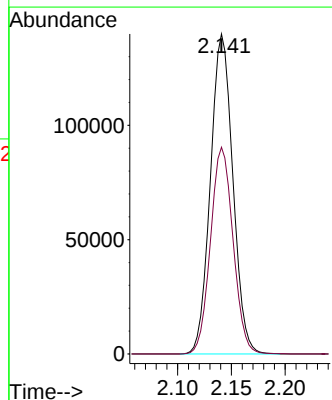
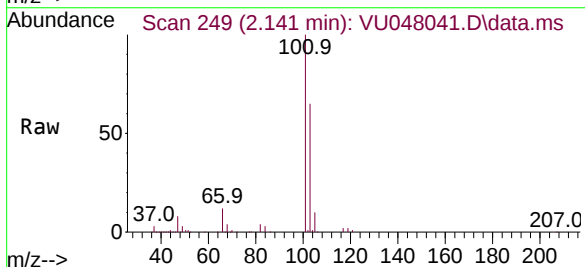
Instrument :
MSVOA_U
ClientSampleId :
VSTD050199

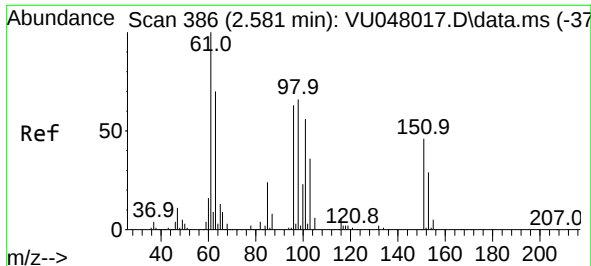
Tgt Ion: 64 Resp: 95836
Ion Ratio Lower Upper
64 100
66 31.6 23.3 43.3



#9
Trichlorofluoromethane
Concen: 46.032 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU048041.D
Acq: 14 Apr 2022 06:04

Tgt Ion: 101 Resp: 202921
Ion Ratio Lower Upper
101 100
103 64.9 51.4 77.2

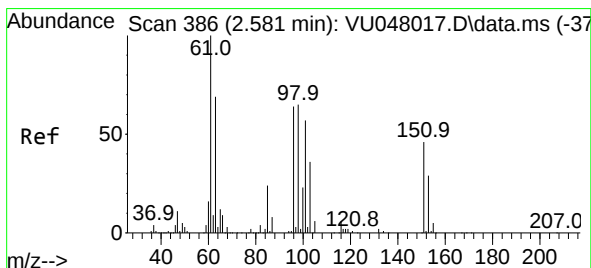
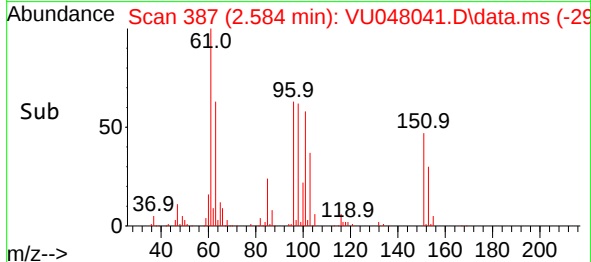
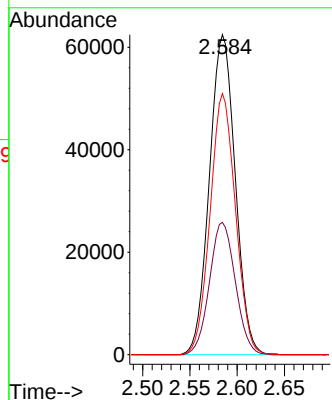
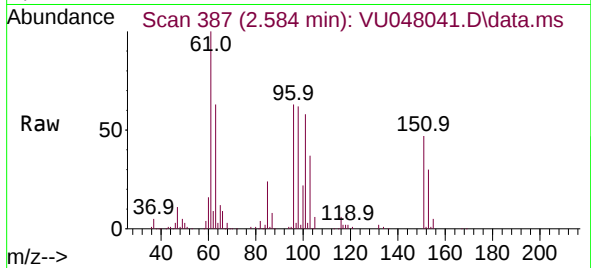




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.604 ug/L
 RT: 2.584 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU048041.D
 Acq: 14 Apr 2022 06:04

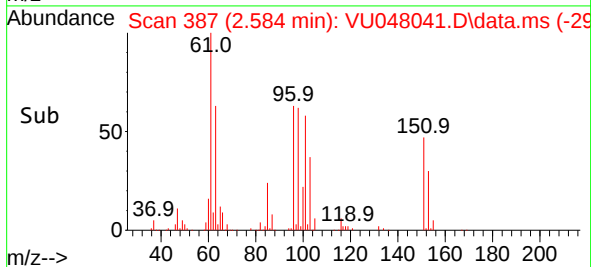
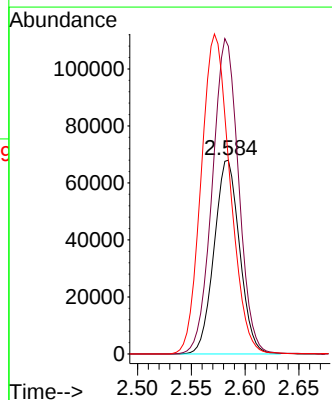
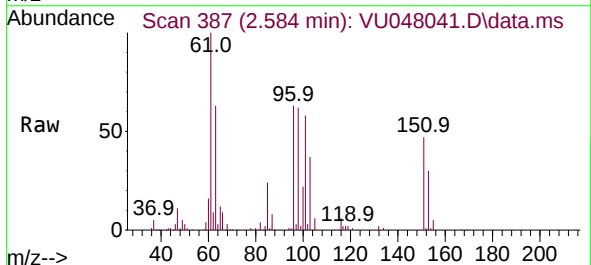
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050199

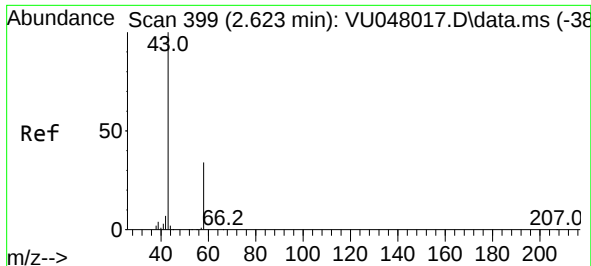
Tgt Ion:101 Resp: 118751
 Ion Ratio Lower Upper
 101 100
 85 41.4 32.8 49.2
 151 80.1 63.0 94.6



#12
 1,1-Dichloroethene
 Concen: 47.225 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.003 min
 Lab File: VU048041.D
 Acq: 14 Apr 2022 06:04

Tgt Ion: 96 Resp: 111990
 Ion Ratio Lower Upper
 96 100
 61 158.7 113.1 210.1
 63 99.9 94.8 176.0





#13

Acetone

Concen: 70.031 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.000 min

Lab File: VU048041.D

Acq: 14 Apr 2022 06:04

Instrument :

MSVOA_U

ClientSampleId :

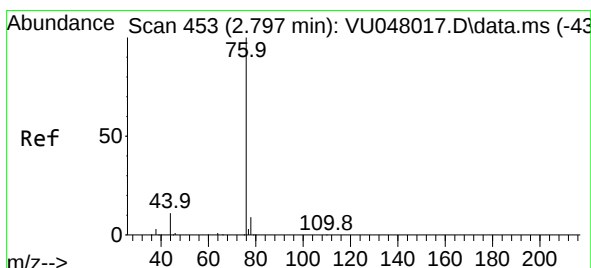
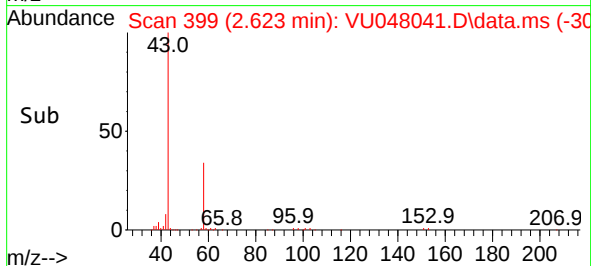
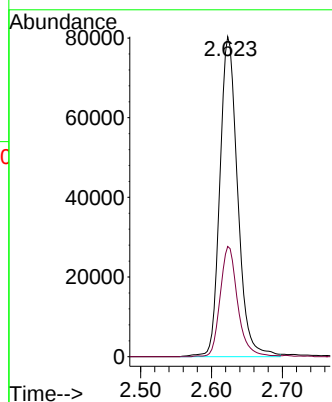
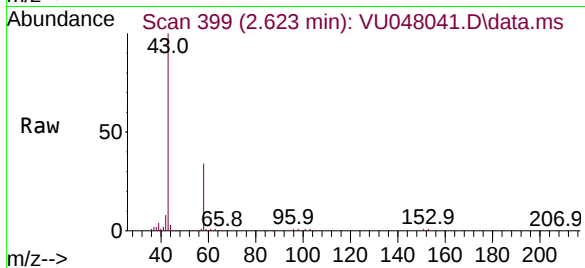
VSTD050199

Tgt Ion: 43 Resp: 140234

Ion Ratio Lower Upper

43 100

58 33.5 0.0 70.0



#14

Carbon disulfide

Concen: 41.462 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.000 min

Lab File: VU048041.D

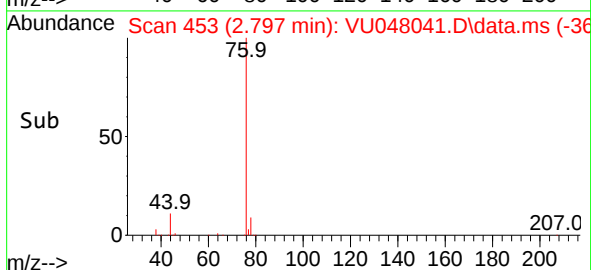
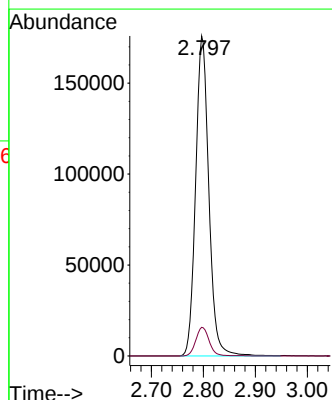
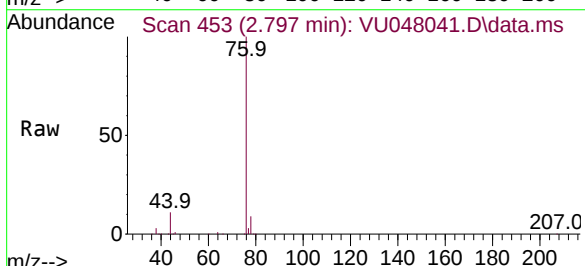
Acq: 14 Apr 2022 06:04

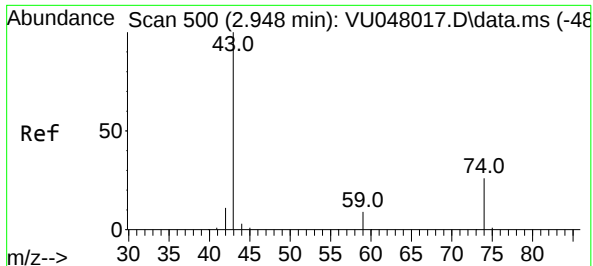
Tgt Ion: 76 Resp: 310799

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

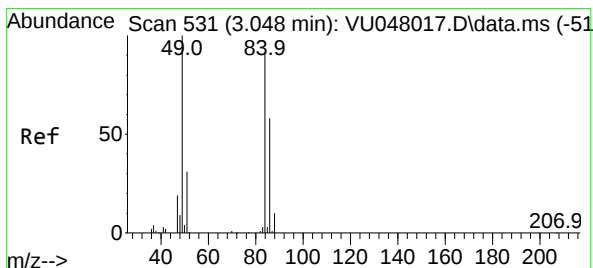
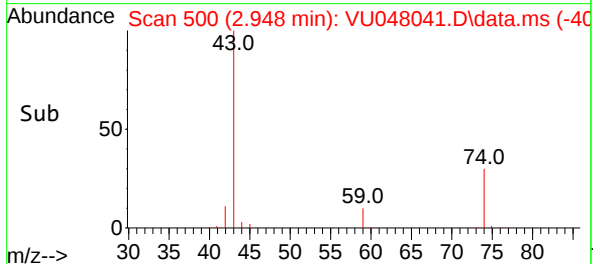
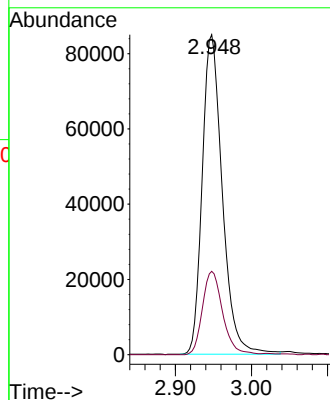
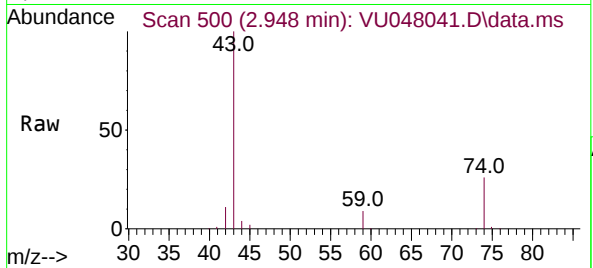




#15
Methyl Acetate
Concen: 48.774 ug/L
RT: 2.948 min Scan# 500
Delta R.T. -0.000 min
Lab File: VU048041.D
Acq: 14 Apr 2022 06:04

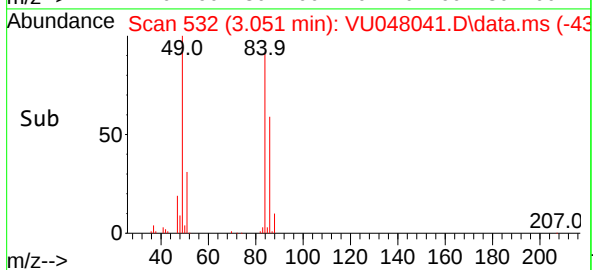
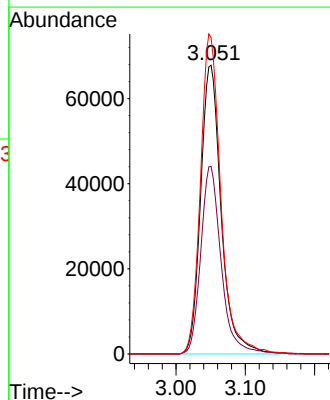
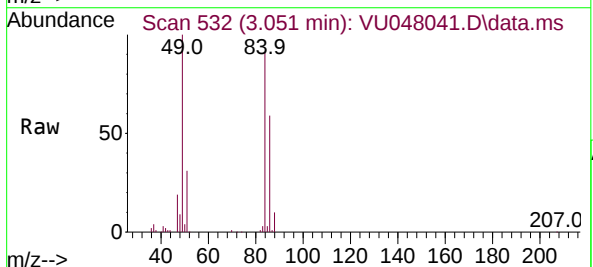
Instrument :
MSVOA_U
ClientSampleId :
VSTD050199

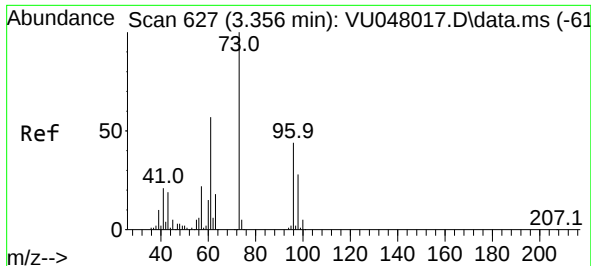
Tgt Ion: 43 Resp: 155741
Ion Ratio Lower Upper
43 100
74 26.3 22.2 33.2



#16
Methylene chloride
Concen: 51.247 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU048041.D
Acq: 14 Apr 2022 06:04

Tgt Ion: 84 Resp: 139456
Ion Ratio Lower Upper
84 100
86 65.0 46.0 85.4
49 109.5 75.3 139.8

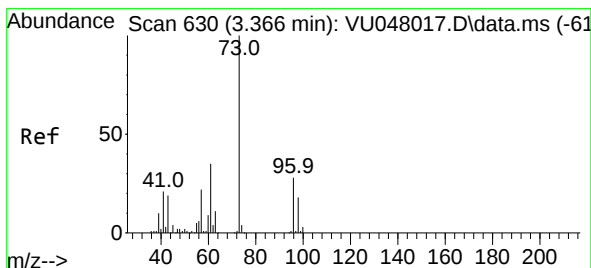
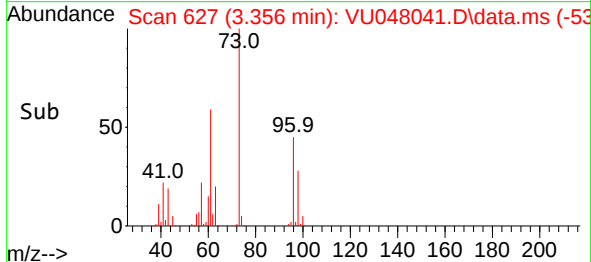
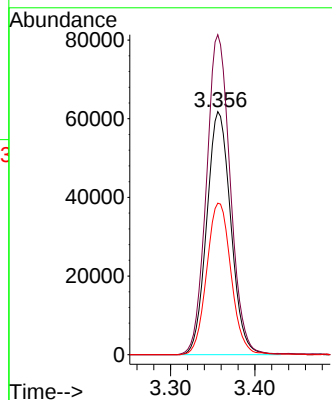
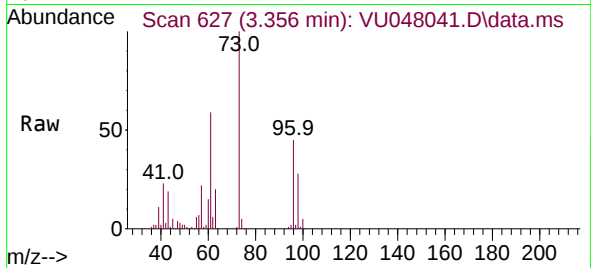




#17
trans-1,2-Dichloroethene
Concen: 48.064 ug/L
RT: 3.356 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU048041.D
Acq: 14 Apr 2022 06:04

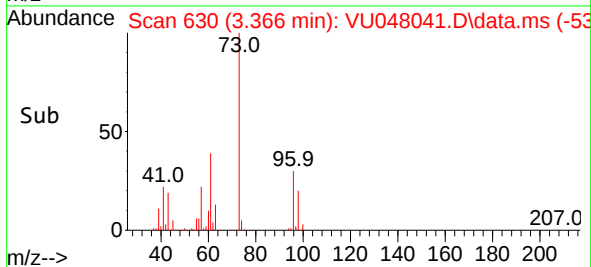
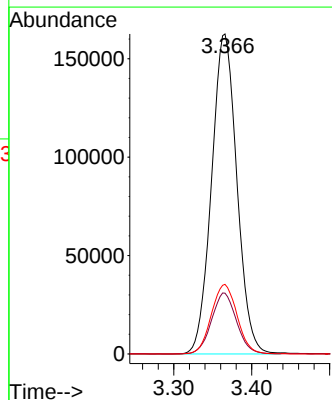
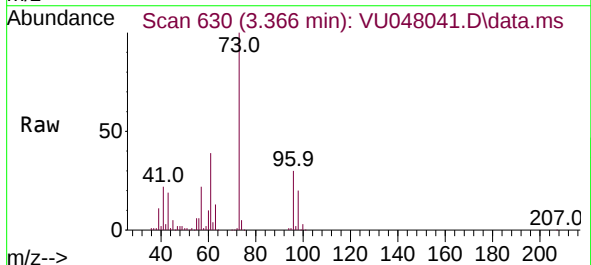
Instrument :
MSVOA_U
ClientSampleId :
VSTD050199

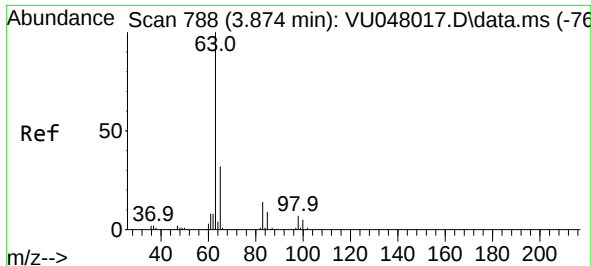
Tgt Ion: 96 Resp: 122939
Ion Ratio Lower Upper
96 100
61 131.7 88.4 164.2
98 62.4 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 50.972 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU048041.D
Acq: 14 Apr 2022 06:04

Tgt Ion: 73 Resp: 367827
Ion Ratio Lower Upper
73 100
43 18.9 15.3 22.9
57 22.1 17.0 25.6

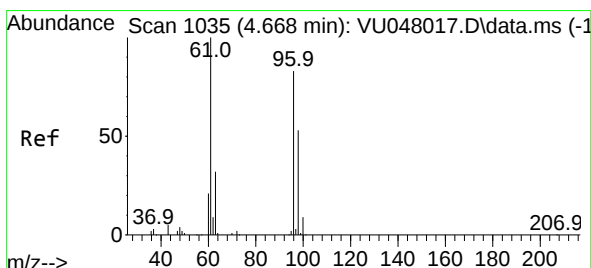
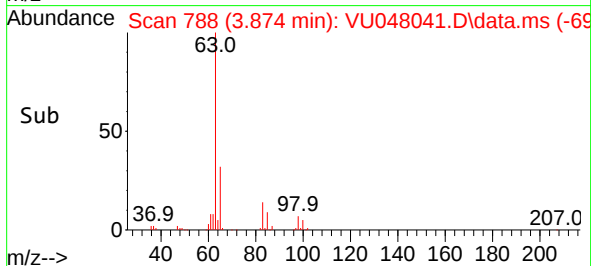
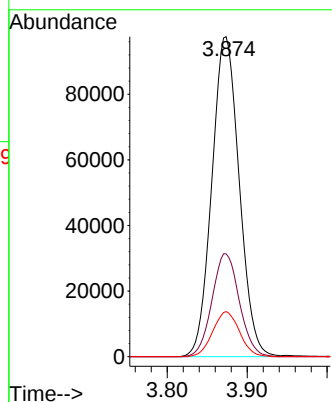
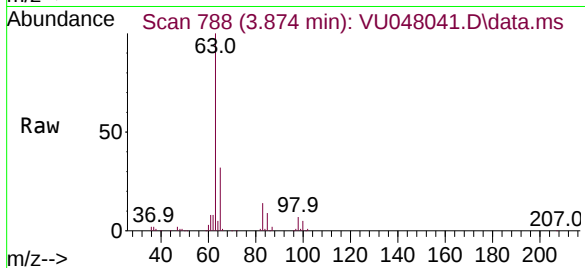




#19
1,1-Dichloroethane
Concen: 52.537 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.000 min
Lab File: VU048041.D
Acq: 14 Apr 2022 06:04

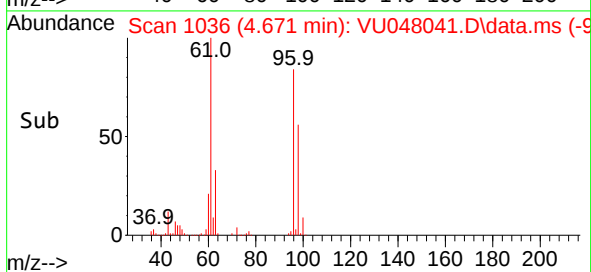
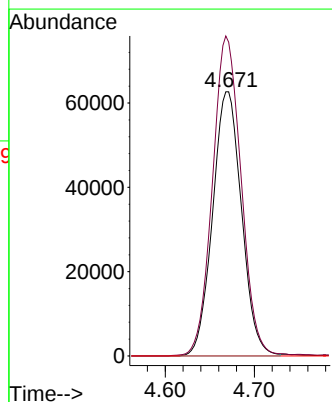
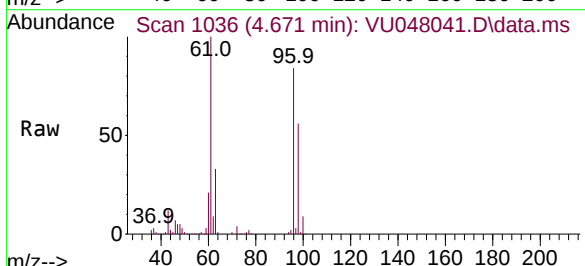
Instrument :
MSVOA_U
ClientSampleId :
VSTD050199

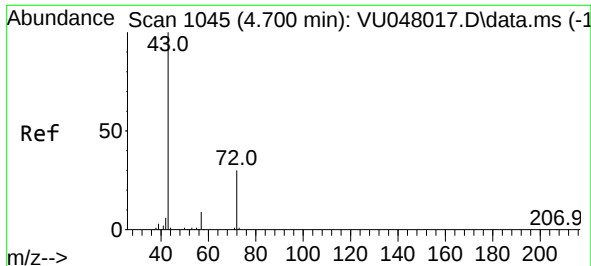
Tgt Ion: 63 Resp: 231758
Ion Ratio Lower Upper
63 100
65 32.2 22.0 41.0
83 14.1 9.7 18.1



#20
cis-1,2-Dichloroethene
Concen: 50.369 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU048041.D
Acq: 14 Apr 2022 06:04

Tgt Ion: 96 Resp: 141243
Ion Ratio Lower Upper
96 100
61 118.7 80.7 149.9
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 85.443 ug/L

RT: 4.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048041.D

Acq: 14 Apr 2022 06:04

Instrument :

MSVOA_U

ClientSampleId :

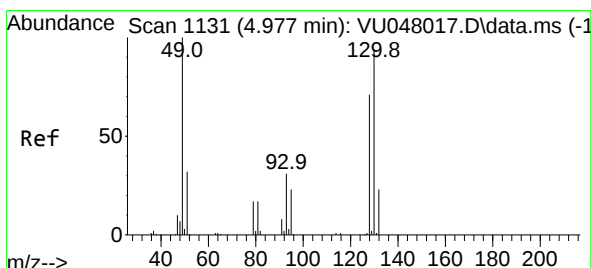
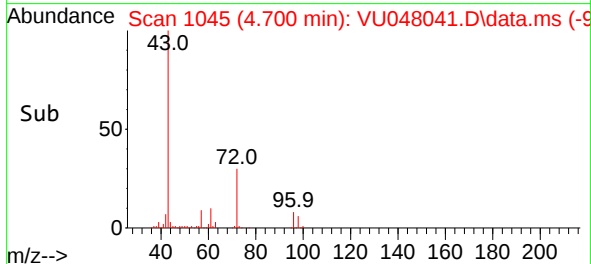
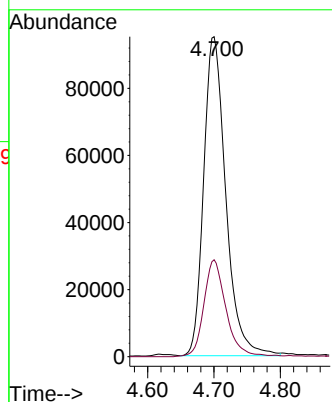
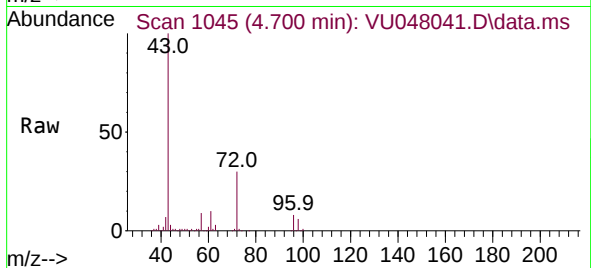
VSTD050199

Tgt Ion: 43 Resp: 220399

Ion Ratio Lower Upper

43 100

72 30.0 16.0 47.9



#23

Bromochloromethane

Concen: 51.814 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VU048041.D

Acq: 14 Apr 2022 06:04

Tgt Ion:128 Resp: 79773

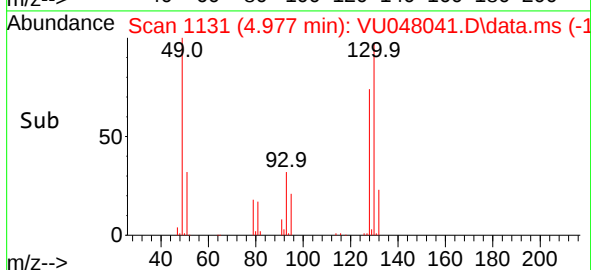
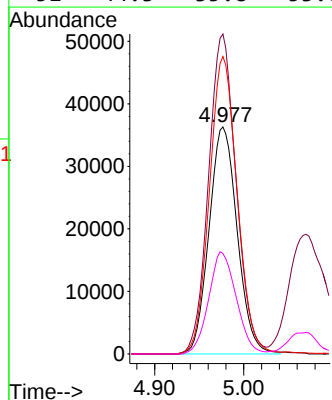
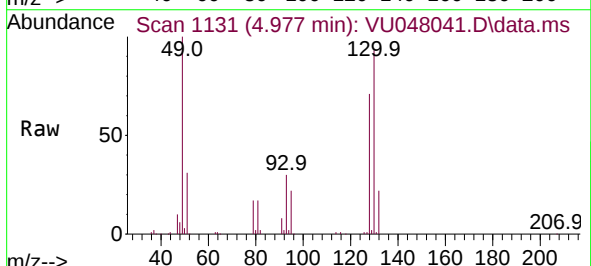
Ion Ratio Lower Upper

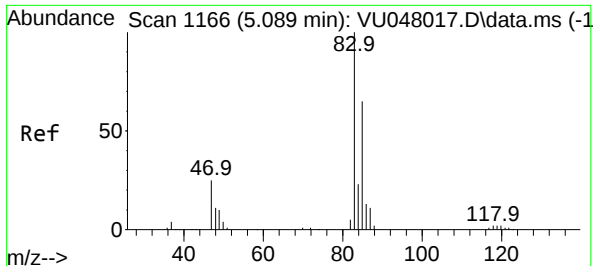
128 100

49 141.0 94.1 174.8

130 131.0 90.2 167.4

51 44.3 35.8 53.6





#25

Chloroform

Concen: 51.612 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VU048041.D

Acq: 14 Apr 2022 06:04

Instrument :

MSVOA_U

ClientSampleId :

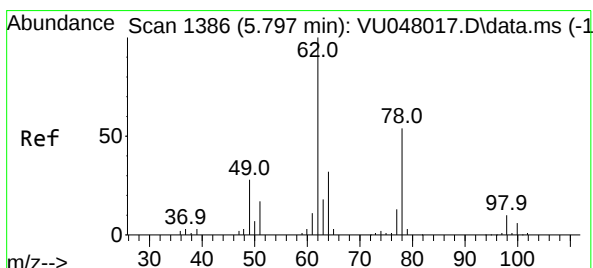
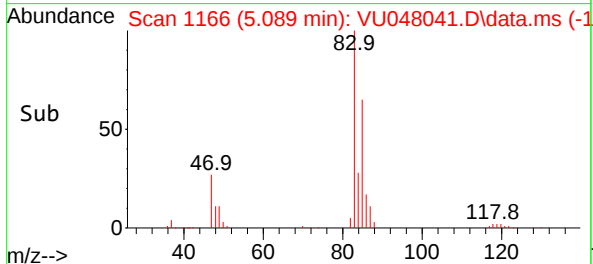
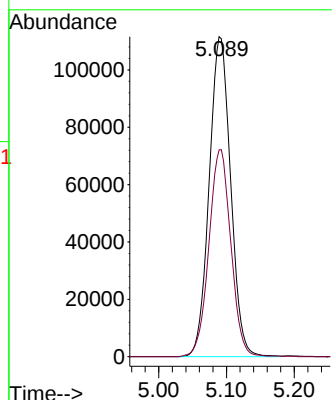
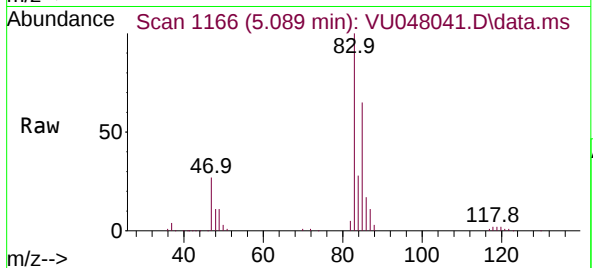
VSTD050199

Tgt Ion: 83 Resp: 245123

Ion Ratio Lower Upper

83 100

85 64.6 46.2 85.8



#27

1,2-Dichloroethane

Concen: 50.629 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU048041.D

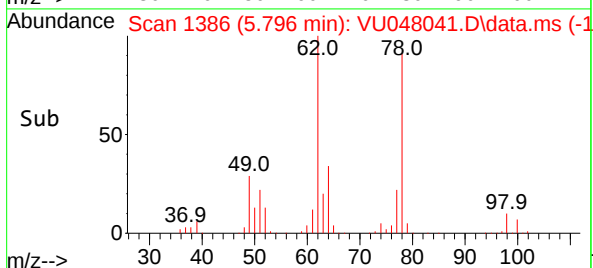
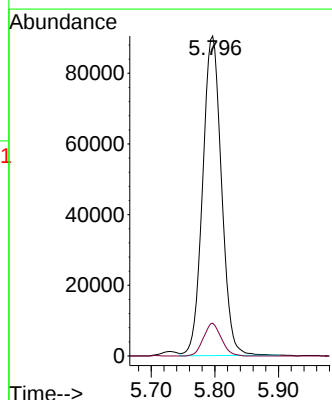
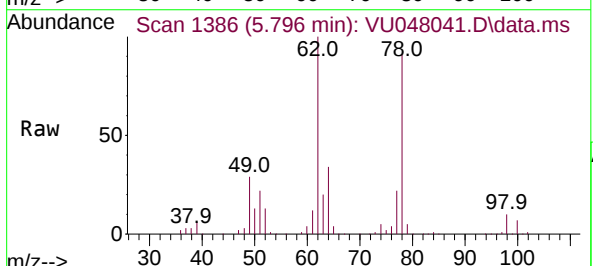
Acq: 14 Apr 2022 06:04

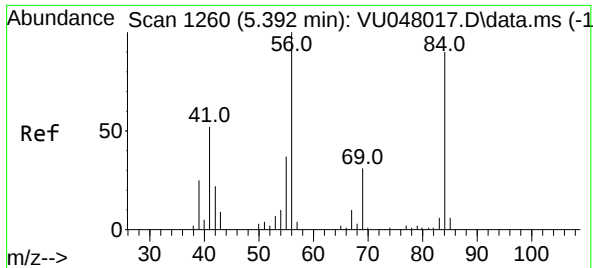
Tgt Ion: 62 Resp: 185776

Ion Ratio Lower Upper

62 100

98 10.3 7.4 11.0





#29

Cyclohexane

Concen: 47.743 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VU048041.D

Acq: 14 Apr 2022 06:04

Instrument :

MSVOA_U

ClientSampleId :

VSTD050199

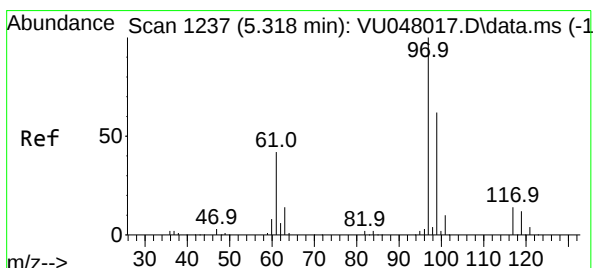
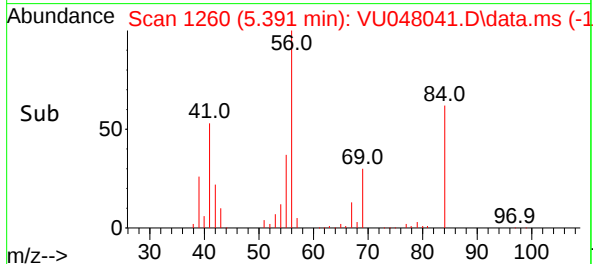
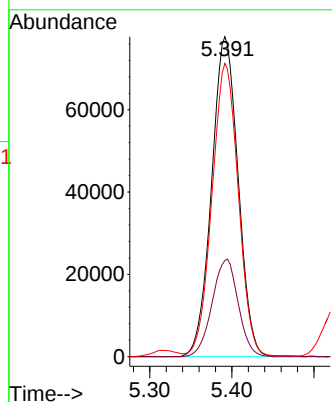
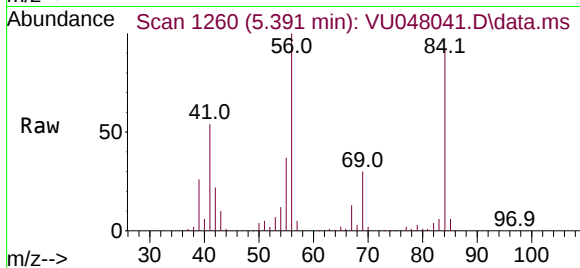
Tgt Ion: 56 Resp: 174351

Ion Ratio Lower Upper

56 100

69 30.0 25.4 38.2

84 90.7 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 49.672 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.000 min

Lab File: VU048041.D

Acq: 14 Apr 2022 06:04

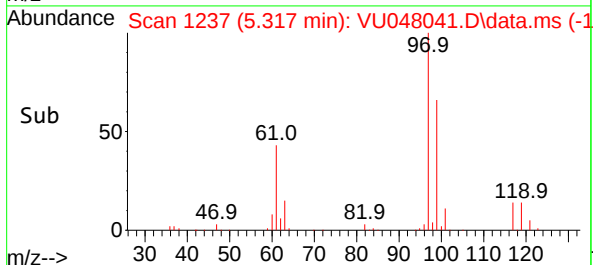
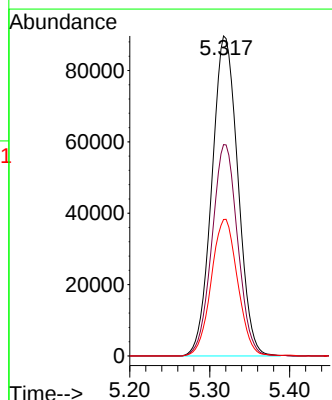
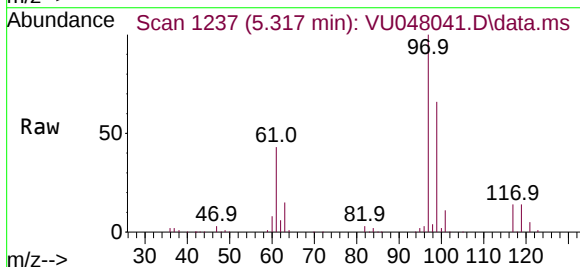
Tgt Ion: 97 Resp: 202699

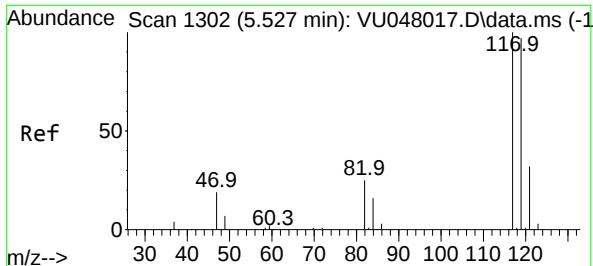
Ion Ratio Lower Upper

97 100

99 65.4 51.6 77.4

61 43.3 34.2 51.4

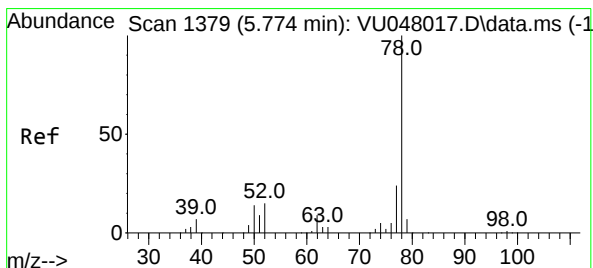
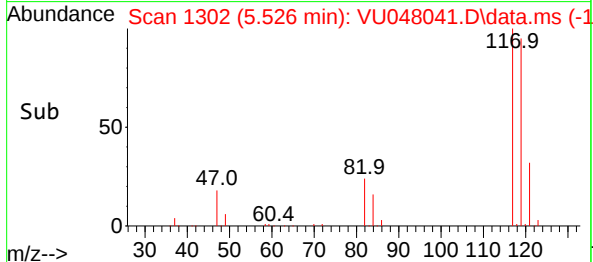
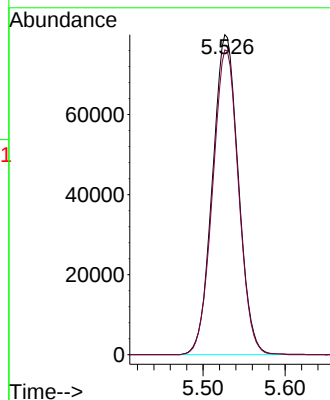
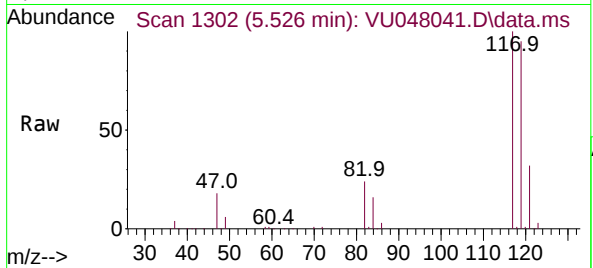




#31
Carbon tetrachloride
Concen: 47.536 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU048041.D
Acq: 14 Apr 2022 06:04

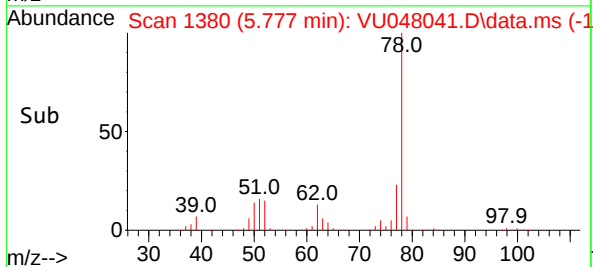
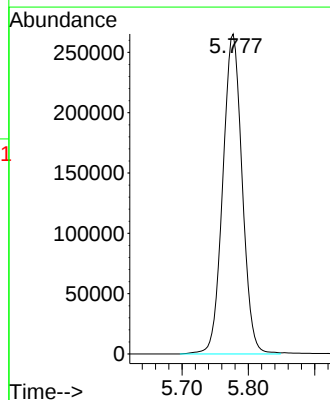
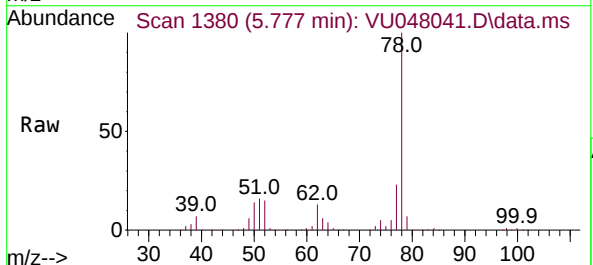
Instrument :
MSVOA_U
ClientSampleId :
VSTD050199

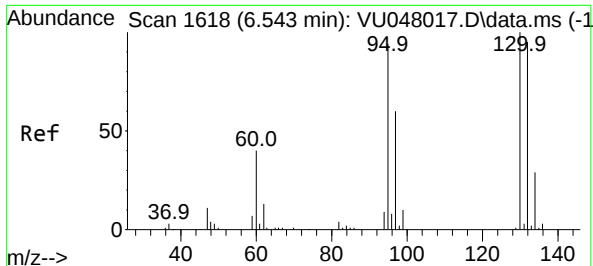
Tgt Ion:117 Resp: 175167
Ion Ratio Lower Upper
117 100
119 95.4 77.2 115.8



#33
Benzene
Concen: 51.655 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU048041.D
Acq: 14 Apr 2022 06:04

Tgt Ion: 78 Resp: 538096

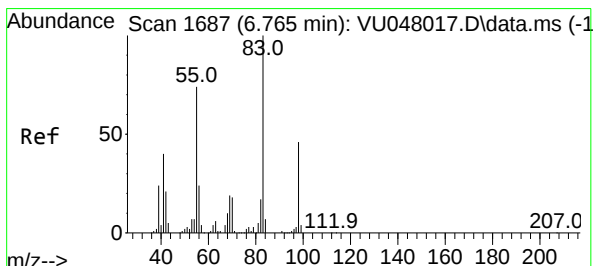
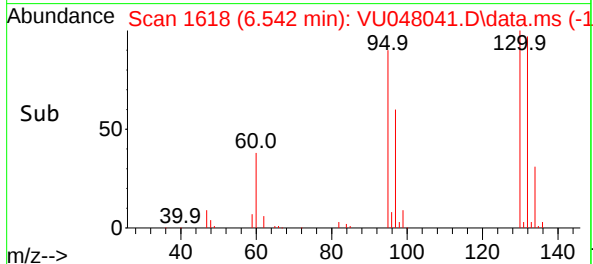
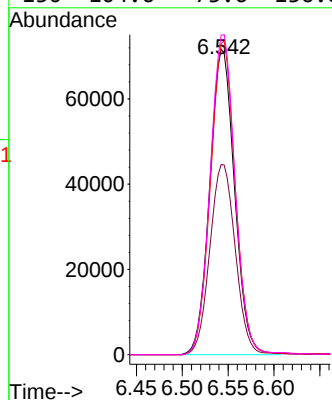
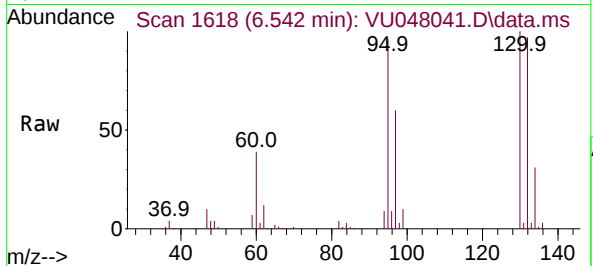




#34
Trichloroethene
Concen: 49.365 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU048041.D
Acq: 14 Apr 2022 06:04

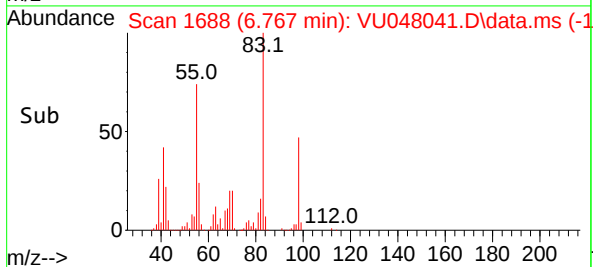
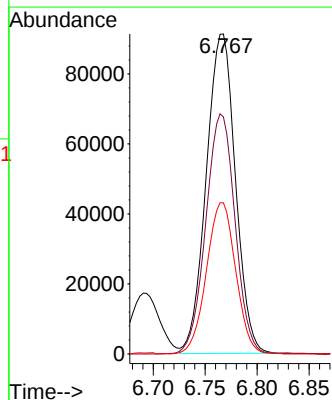
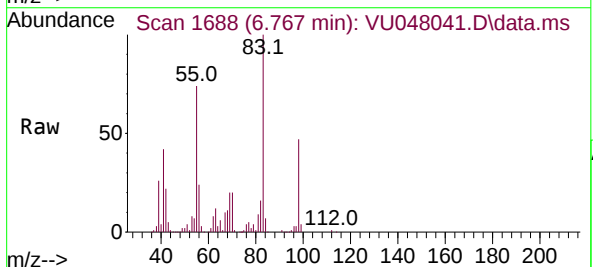
Instrument :
MSVOA_U
ClientSampleId :
VSTD050199

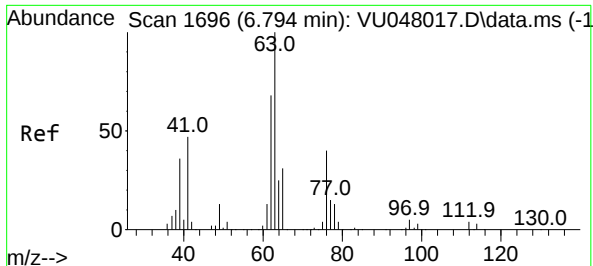
Tgt Ion: 95 Resp: 134817
Ion Ratio Lower Upper
95 100
97 62.3 44.7 82.9
132 101.9 70.4 130.8
130 104.6 73.6 136.8



#35
Methylcyclohexane
Concen: 42.951 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VU048041.D
Acq: 14 Apr 2022 06:04

Tgt Ion: 83 Resp: 178454
Ion Ratio Lower Upper
83 100
55 75.5 56.8 85.2
98 47.5 38.1 57.1





#37

1,2-Dichloropropane

Concen: 53.020 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.004 min

Lab File: VU048041.D

Acq: 14 Apr 2022 06:04

Instrument :

MSVOA_U

ClientSampleId :

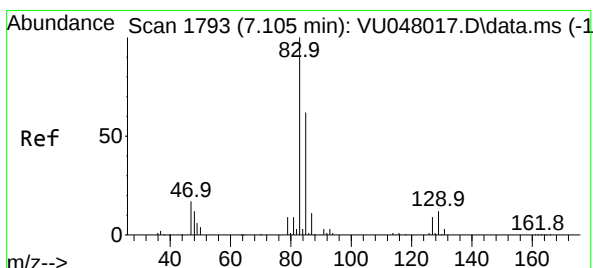
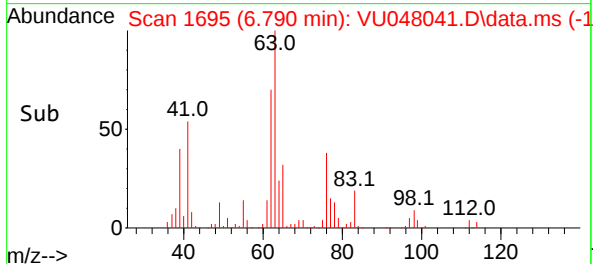
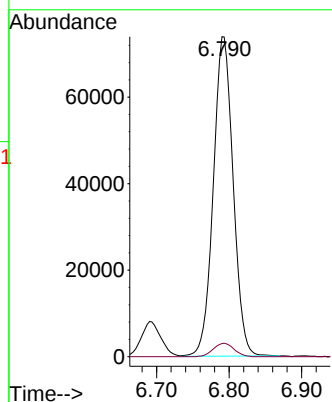
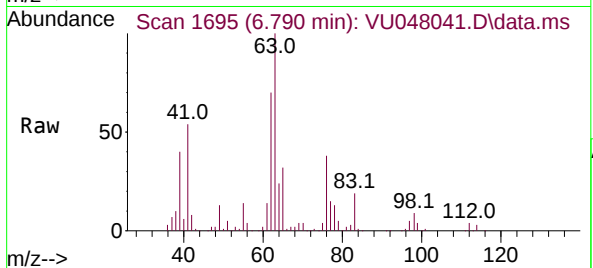
VSTD050199

Tgt Ion: 63 Resp: 140406

Ion Ratio Lower Upper

63 100

112 4.4 3.4 5.2



#38

Bromodichloromethane

Concen: 50.463 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU048041.D

Acq: 14 Apr 2022 06:04

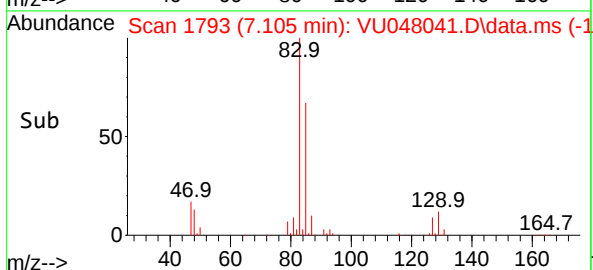
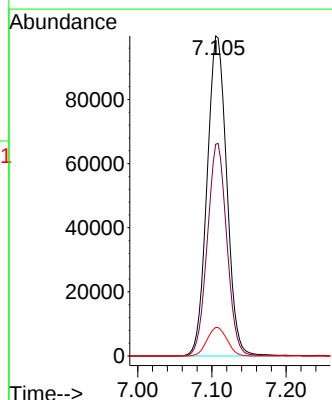
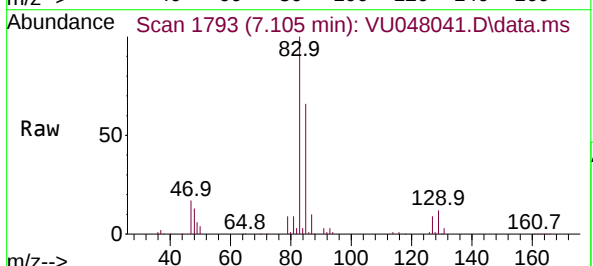
Tgt Ion: 83 Resp: 183510

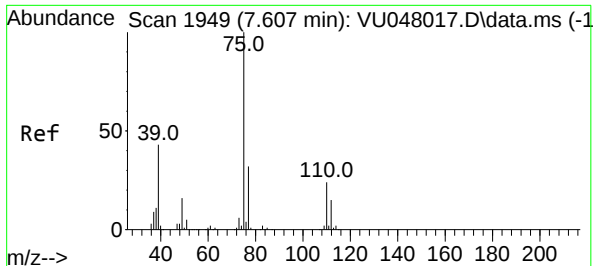
Ion Ratio Lower Upper

83 100

85 66.2 44.4 82.4

127 8.9 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 46.239 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU048041.D

Acq: 14 Apr 2022 06:04

Instrument :

MSVOA_U

ClientSampleId :

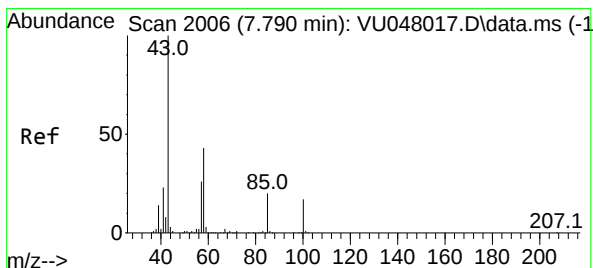
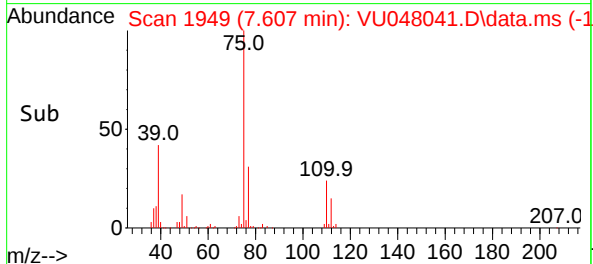
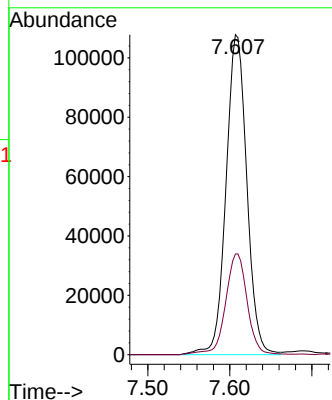
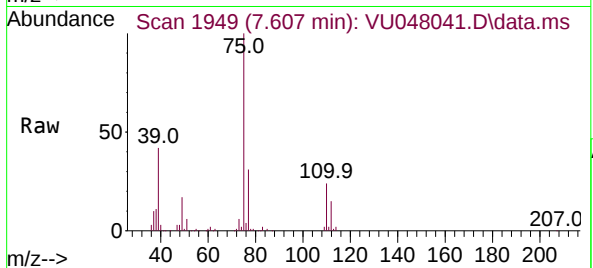
VSTD050199

Tgt Ion: 75 Resp: 189994

Ion Ratio Lower Upper

75 100

77 31.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 98.040 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU048041.D

Acq: 14 Apr 2022 06:04

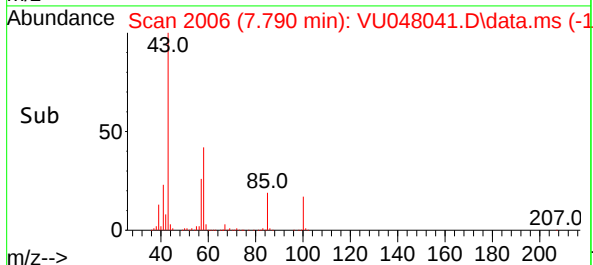
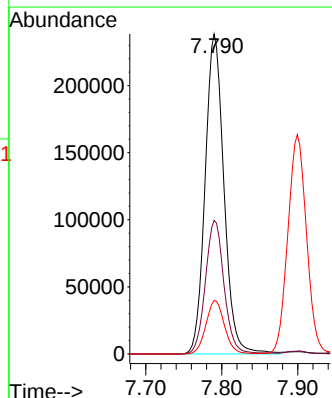
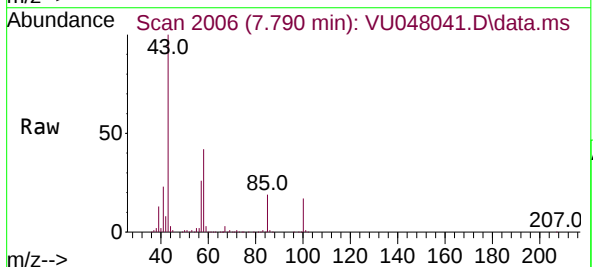
Tgt Ion: 43 Resp: 410339

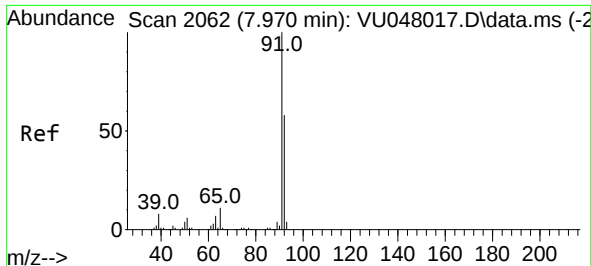
Ion Ratio Lower Upper

43 100

58 41.6 34.7 52.1

100 16.5 14.2 21.2





#42

Toluene

Concen: 50.915 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048041.D

Acq: 14 Apr 2022 06:04

Instrument :

MSVOA_U

ClientSampleId :

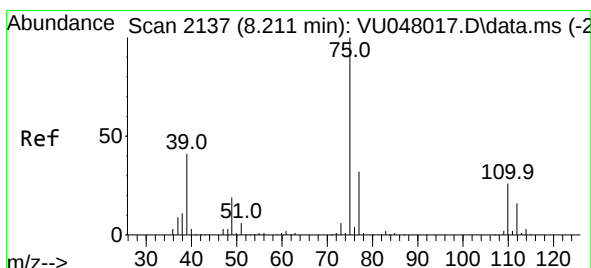
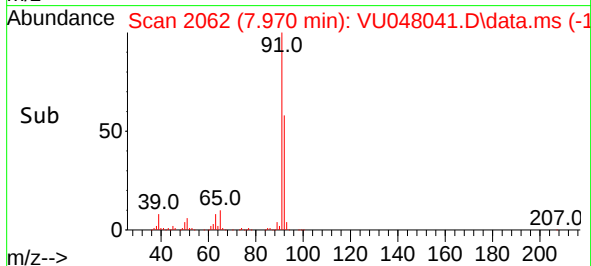
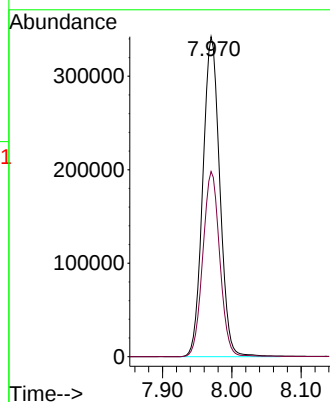
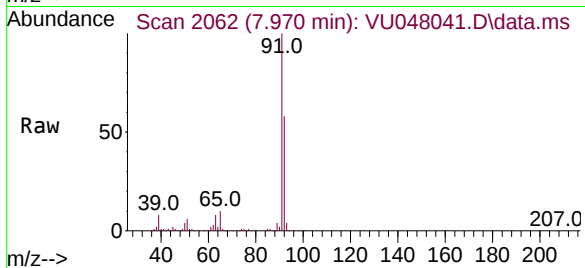
VSTD050199

Tgt Ion: 91 Resp: 581954

Ion Ratio Lower Upper

91 100

92 57.8 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 45.508 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048041.D

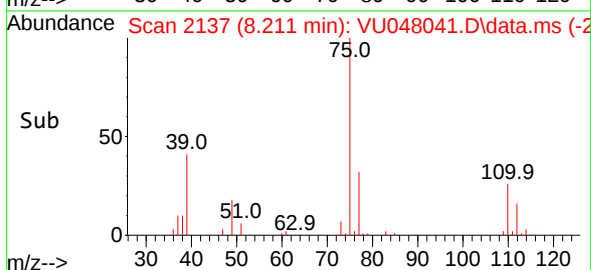
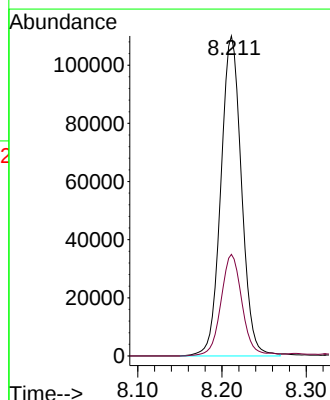
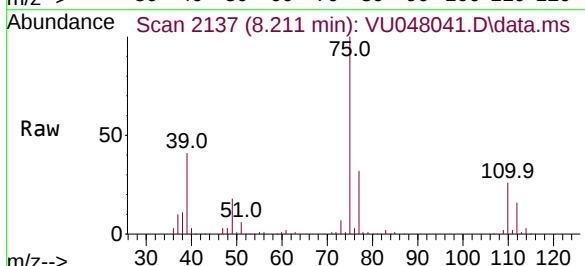
Acq: 14 Apr 2022 06:04

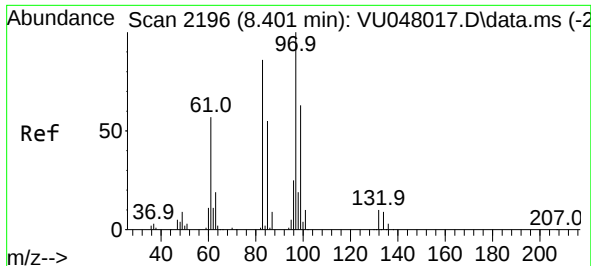
Tgt Ion: 75 Resp: 186704

Ion Ratio Lower Upper

75 100

77 31.7 22.0 40.8



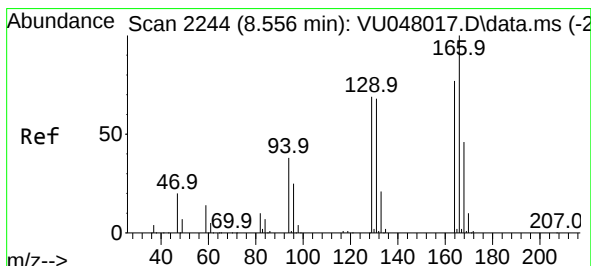
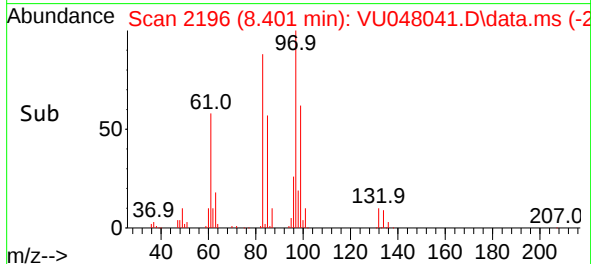
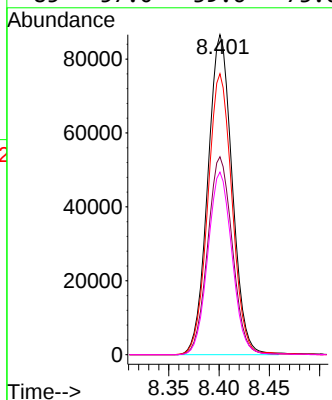
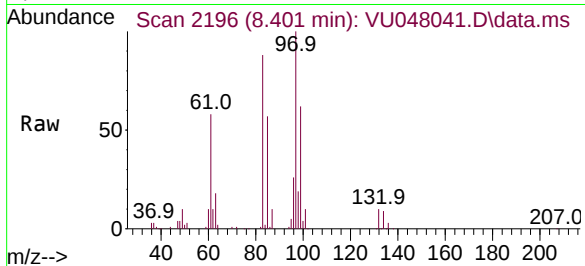


#45
1,1,2-Trichloroethane
Concen: 52.038 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048041.D
Acq: 14 Apr 2022 06:04

Instrument :
MSVOA_U
ClientSampleId :
VSTD050199

Tgt Ion: 97 Resp: 146152

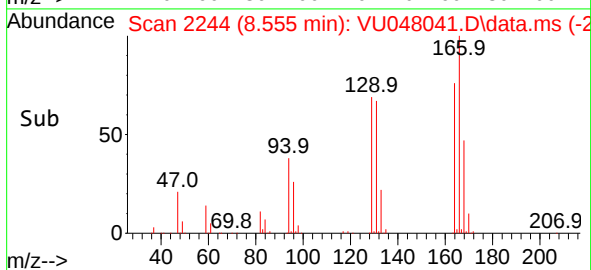
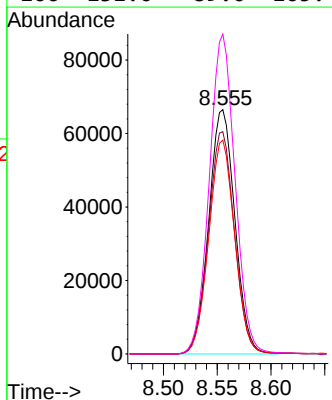
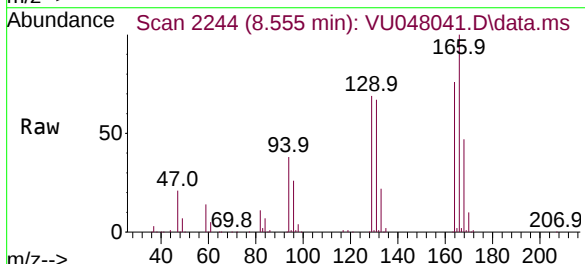
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.3	80.3
83	87.8	61.0	113.4
85	57.0	39.6	73.6

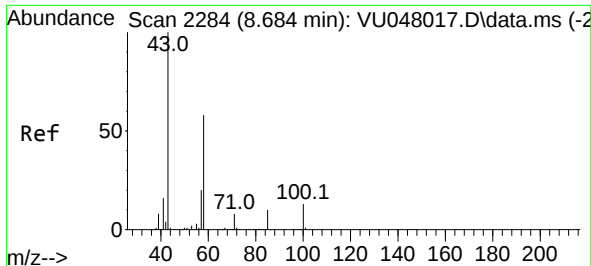


#46
Tetrachloroethene
Concen: 45.836 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU048041.D
Acq: 14 Apr 2022 06:04

Tgt Ion: 164 Resp: 112491

Ion	Ratio	Lower	Upper
164	100		
129	90.9	62.4	116.0
131	87.5	60.7	112.7
166	131.0	89.0	165.4



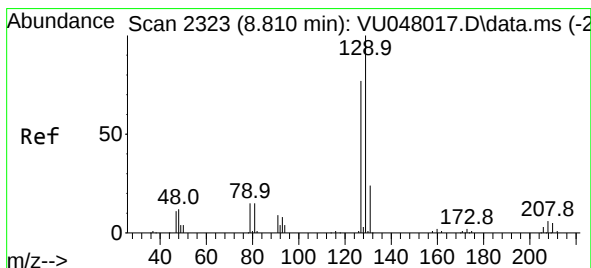
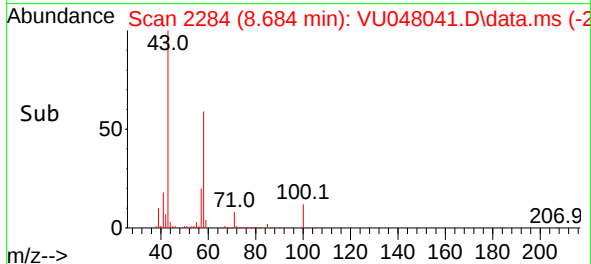
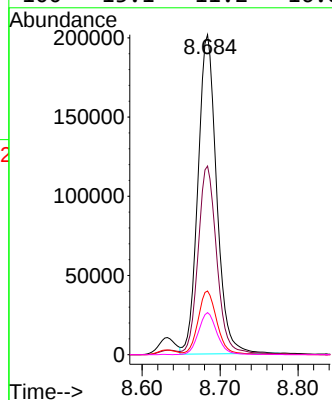
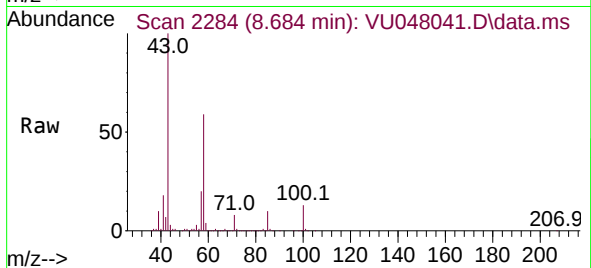


#48
2-Hexanone
Concen: 93.028 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048041.D
Acq: 14 Apr 2022 06:04

Instrument :
MSVOA_U
ClientSampleId :
VSTD050199

Tgt Ion: 43 Resp: 334922

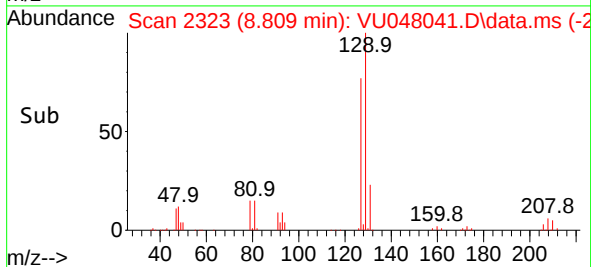
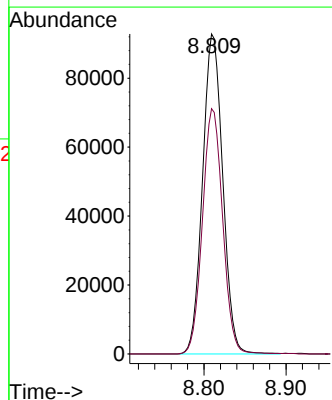
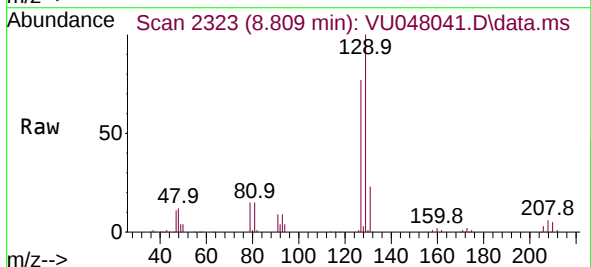
Ion	Ratio	Lower	Upper
43	100		
58	59.6	48.1	72.1
57	19.9	16.2	24.4
100	13.1	11.2	16.8

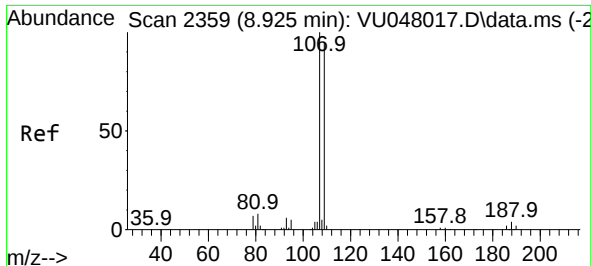


#49
Dibromochloromethane
Concen: 48.685 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU048041.D
Acq: 14 Apr 2022 06:04

Tgt Ion: 129 Resp: 158369

Ion	Ratio	Lower	Upper
129	100		
127	76.6	54.2	100.6

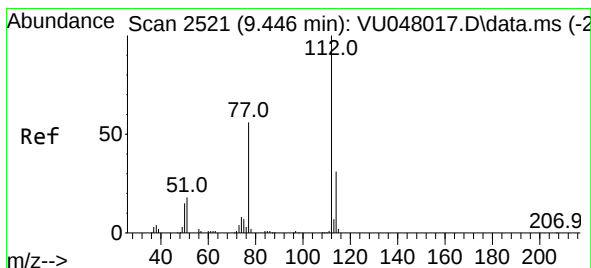
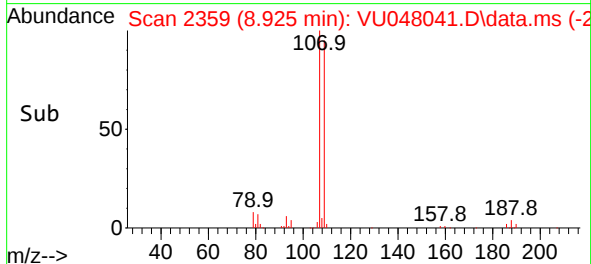
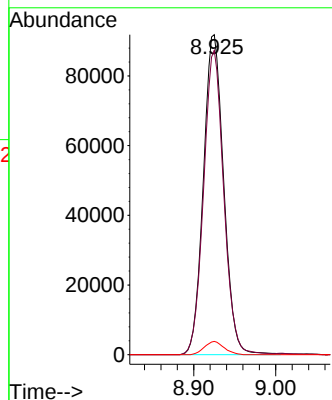
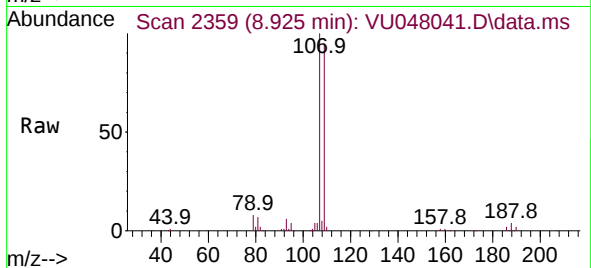




#50
1,2-Dibromoethane
Concen: 50.170 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048041.D
Acq: 14 Apr 2022 06:04

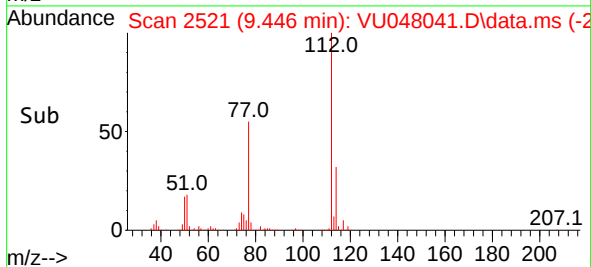
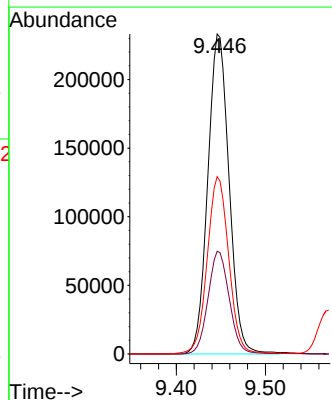
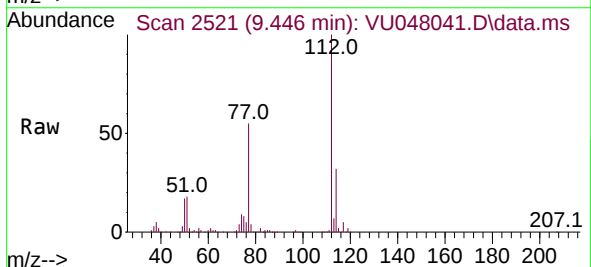
Instrument :
MSVOA_U
ClientSampleId :
VSTD050199

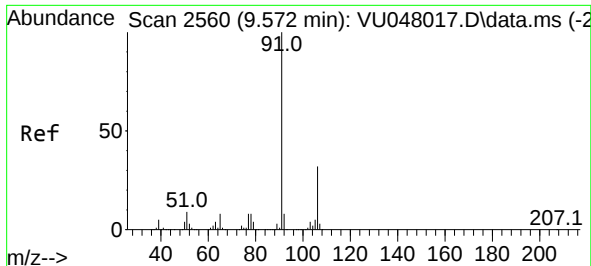
Tgt Ion:107 Resp: 157967
Ion Ratio Lower Upper
107 100
109 95.1 66.6 123.6
188 4.1 3.4 5.2



#51
Chlorobenzene
Concen: 49.820 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU048041.D
Acq: 14 Apr 2022 06:04

Tgt Ion:112 Resp: 386642
Ion Ratio Lower Upper
112 100
114 32.1 22.1 41.1
77 55.4 43.4 65.0

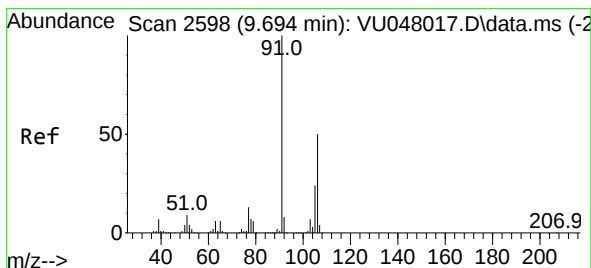
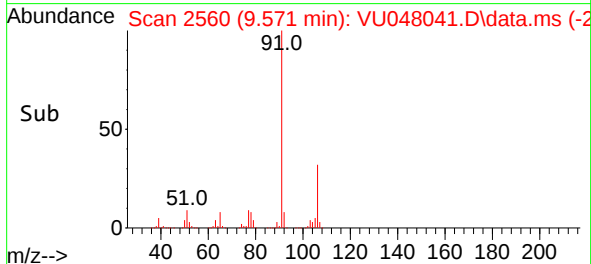
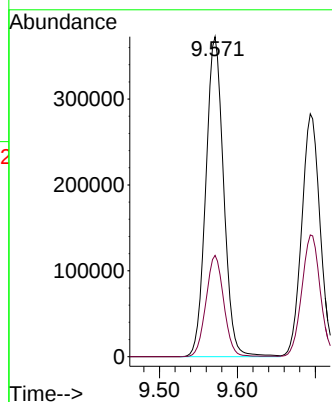
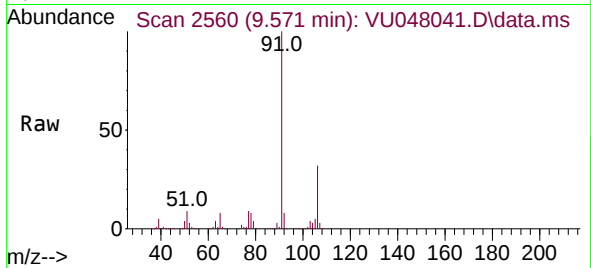




#52
Ethylbenzene
Concen: 49.207 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048041.D
Acq: 14 Apr 2022 06:04

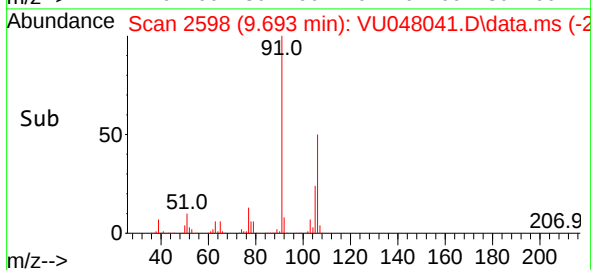
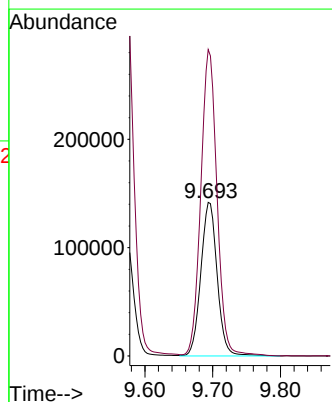
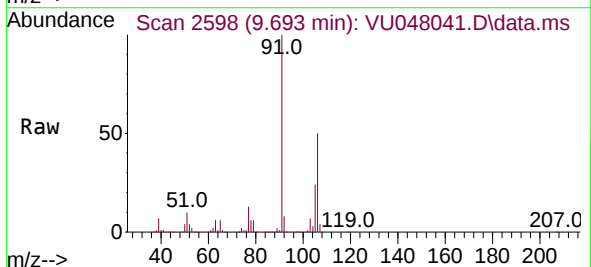
Instrument :
MSVOA_U
ClientSampleId :
VSTD050199

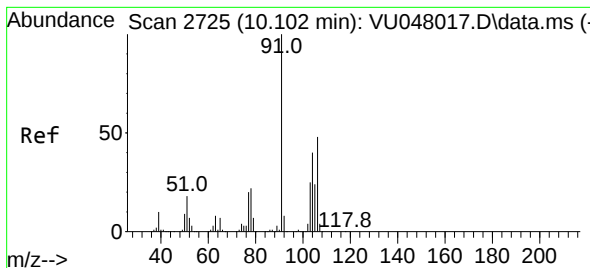
Tgt Ion: 91 Resp: 591384
Ion Ratio Lower Upper
91 100
106 31.6 22.4 41.6



#53
m,p-Xylene
Concen: 50.277 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU048041.D
Acq: 14 Apr 2022 06:04

Tgt Ion: 106 Resp: 237091
Ion Ratio Lower Upper
106 100
91 199.6 137.7 255.7





#54

o-Xylene

Concen: 50.085 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. -0.000 min

Lab File: VU048041.D

Acq: 14 Apr 2022 06:04

Instrument :

MSVOA_U

ClientSampleId :

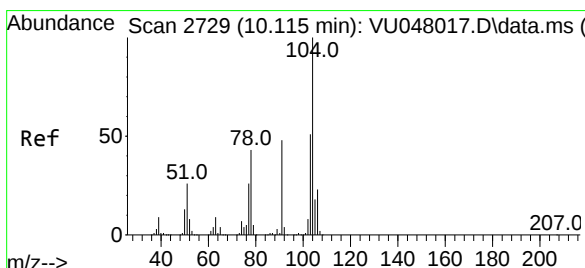
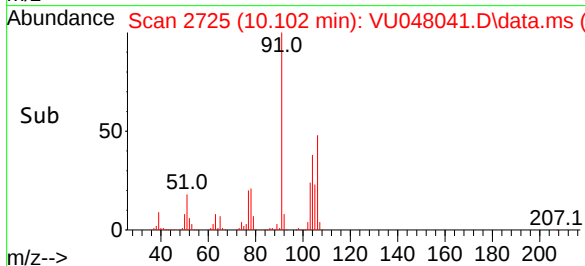
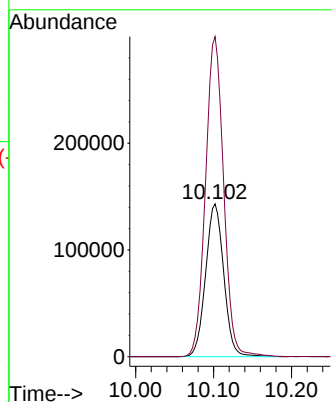
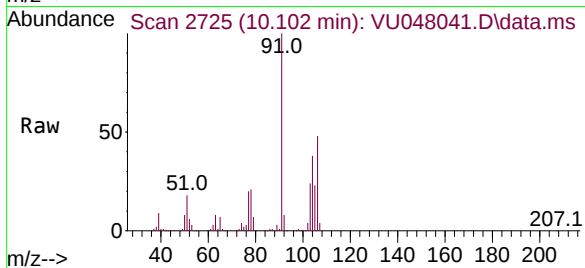
VSTD050199

Tgt Ion:106 Resp: 231809

Ion Ratio Lower Upper

106 100

91 209.4 146.7 272.5



#55

Styrene

Concen: 50.734 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU048041.D

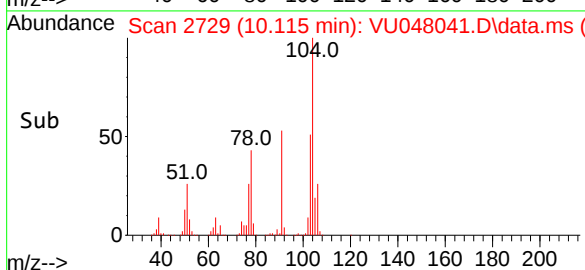
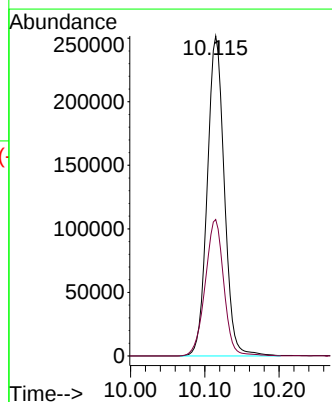
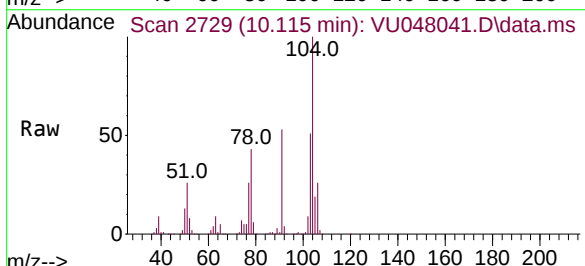
Acq: 14 Apr 2022 06:04

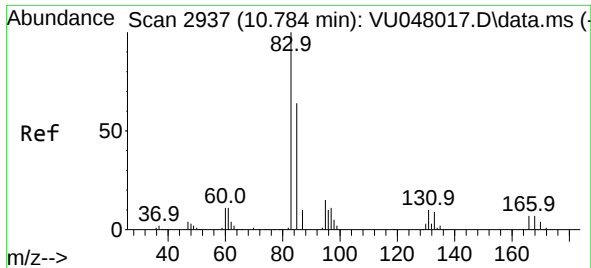
Tgt Ion:104 Resp: 400897

Ion Ratio Lower Upper

104 100

78 42.6 30.4 56.4

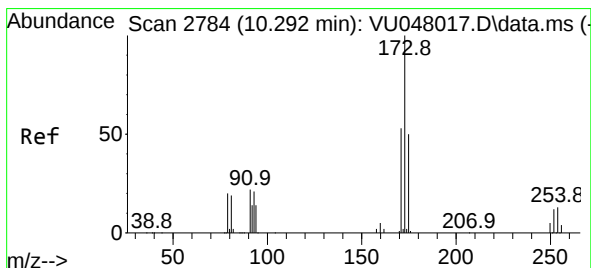
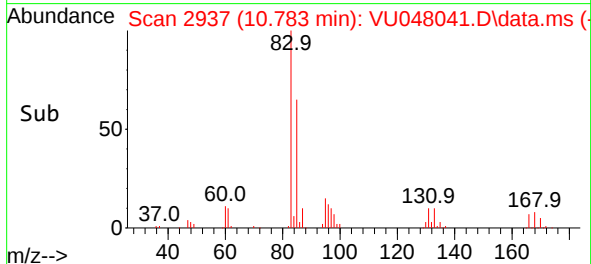
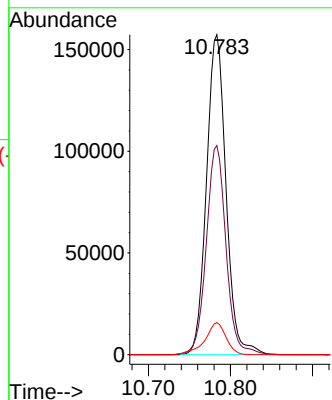
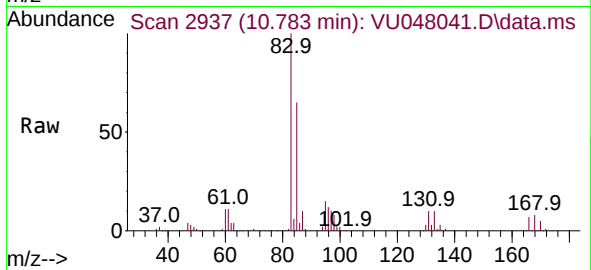




#57
 1,1,2,2-Tetrachloroethane
 Concen: 49.301 ug/L
 RT: 10.783 min Scan# 2937
 Delta R.T. -0.000 min
 Lab File: VU048041.D
 Acq: 14 Apr 2022 06:04

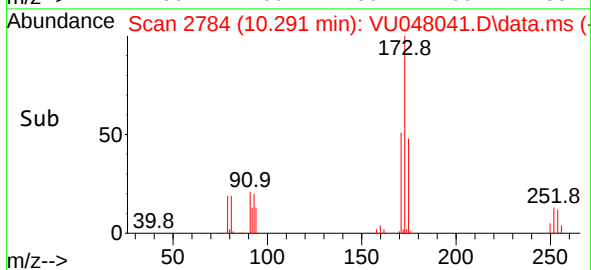
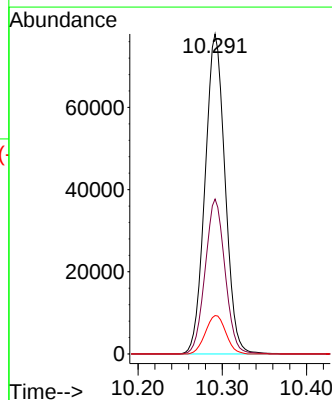
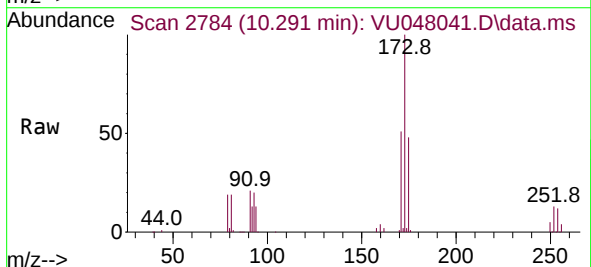
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050199

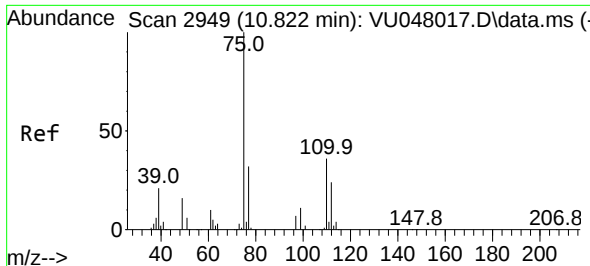
Tgt Ion: 83 Resp: 259585
 Ion Ratio Lower Upper
 83 100
 85 65.3 44.9 83.3
 131 10.0 8.6 13.0



#59
 Bromoform
 Concen: 47.566 ug/L
 RT: 10.291 min Scan# 2784
 Delta R.T. -0.000 min
 Lab File: VU048041.D
 Acq: 14 Apr 2022 06:04

Tgt Ion:173 Resp: 128745
 Ion Ratio Lower Upper
 173 100
 175 48.1 38.7 58.1
 254 12.2 9.6 14.4

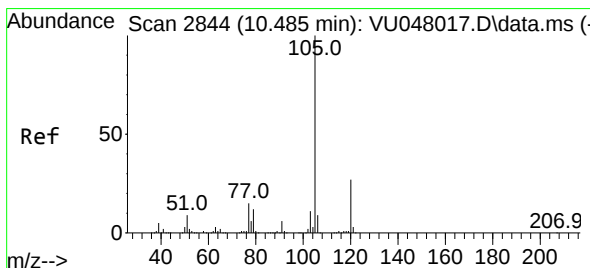
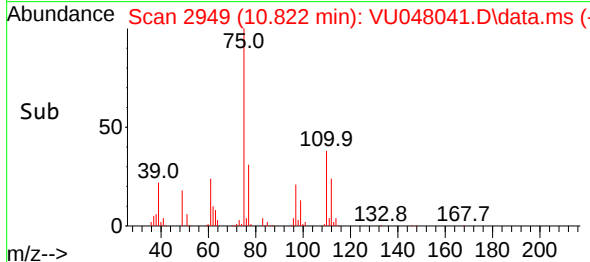
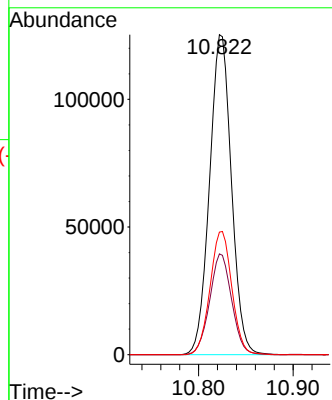
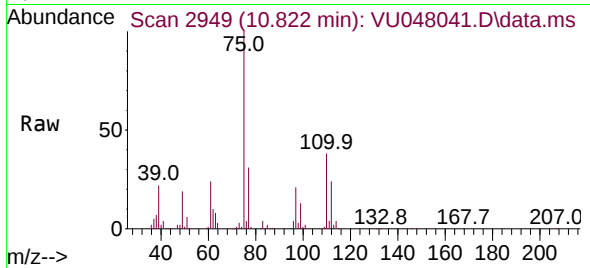




#60
1,2,3-Trichloropropane
Concen: 50.449 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU048041.D
Acq: 14 Apr 2022 06:04

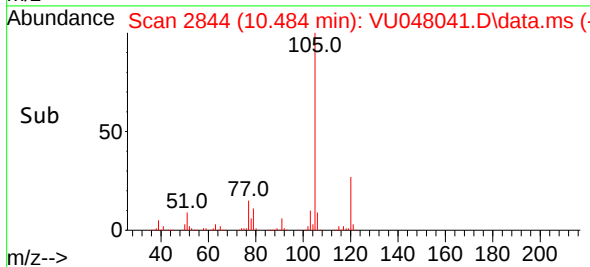
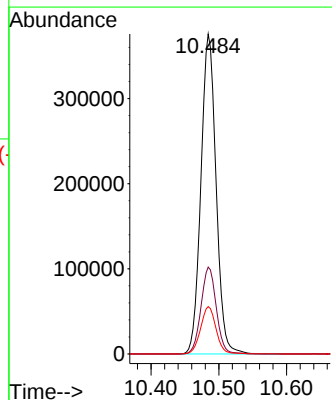
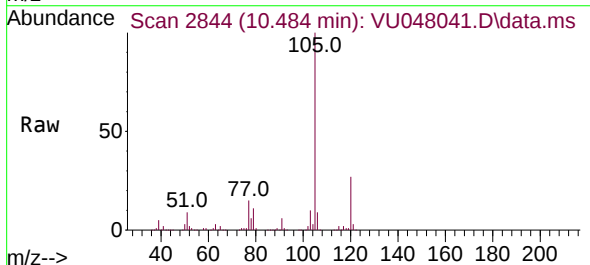
Instrument :
MSVOA_U
ClientSampleId :
VSTD050199

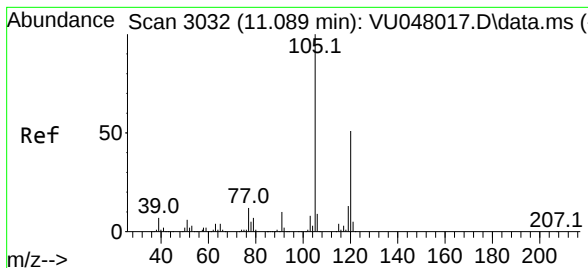
Tgt Ion: 75 Resp: 201307
Ion Ratio Lower Upper
75 100
77 31.7 26.0 39.0
110 38.5 31.4 47.2



#61
Isopropylbenzene
Concen: 50.931 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048041.D
Acq: 14 Apr 2022 06:04

Tgt Ion: 105 Resp: 582626
Ion Ratio Lower Upper
105 100
120 27.4 21.9 32.9
77 15.1 12.1 18.1

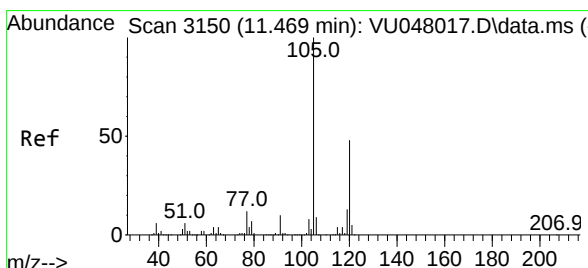
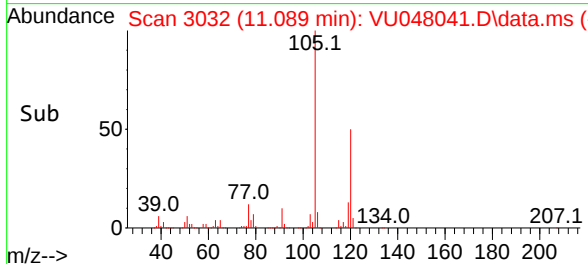
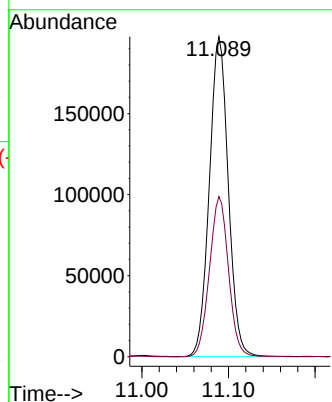
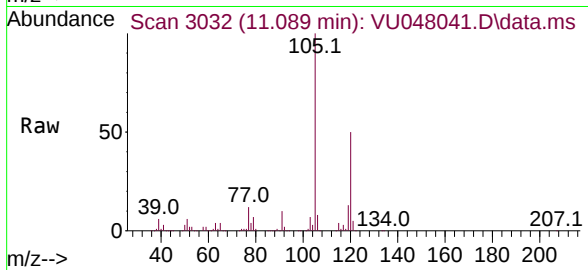




#62
 1,3,5-Trimethylbenzene
 Concen: 48.343 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU048041.D
 Acq: 14 Apr 2022 06:04

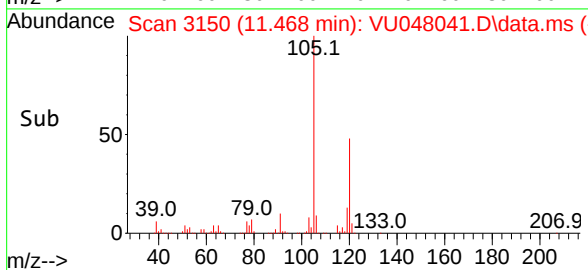
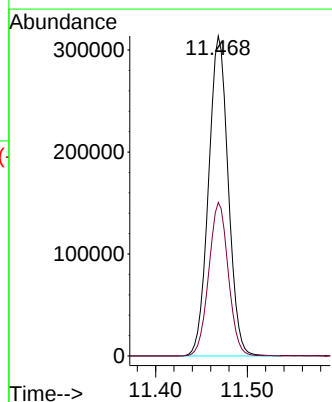
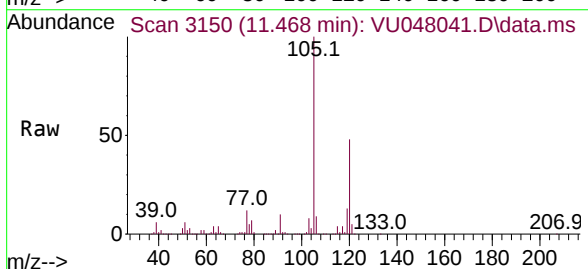
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050199

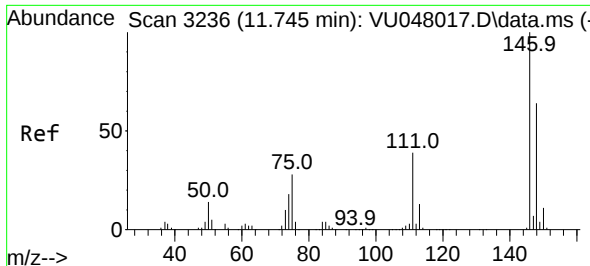
Tgt Ion:105 Resp: 300055
 Ion Ratio Lower Upper
 105 100
 120 50.3 40.8 61.2



#63
 1,2,4-Trimethylbenzene
 Concen: 49.652 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU048041.D
 Acq: 14 Apr 2022 06:04

Tgt Ion:105 Resp: 468121
 Ion Ratio Lower Upper
 105 100
 120 47.6 37.6 56.4

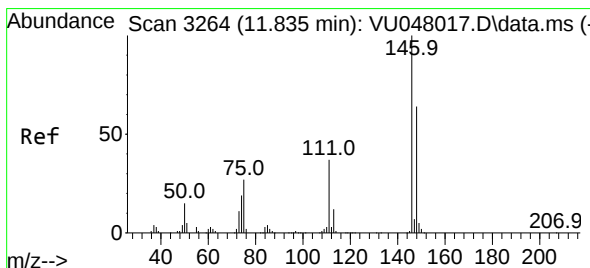
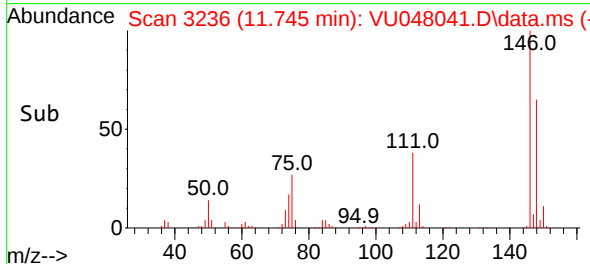
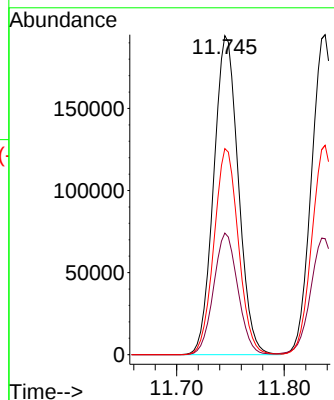
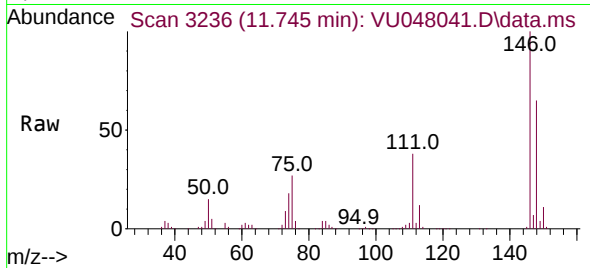




#64
 1,3-Dichlorobenzene
 Concen: 48.712 ug/L
 RT: 11.745 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU048041.D
 Acq: 14 Apr 2022 06:04

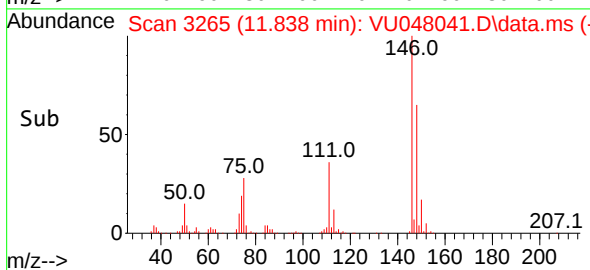
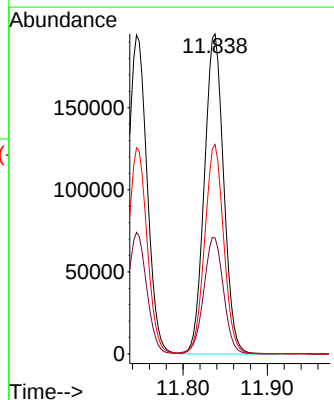
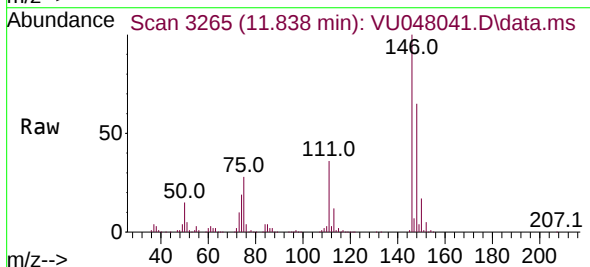
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050199

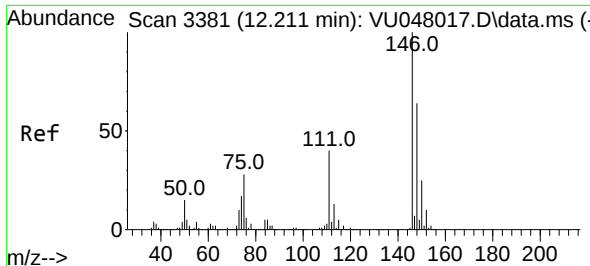
Tgt Ion:146 Resp: 309730
 Ion Ratio Lower Upper
 146 100
 111 38.1 26.7 49.7
 148 64.6 44.4 82.5



#65
 1,4-Dichlorobenzene
 Concen: 47.260 ug/L
 RT: 11.838 min Scan# 3265
 Delta R.T. 0.003 min
 Lab File: VU048041.D
 Acq: 14 Apr 2022 06:04

Tgt Ion:146 Resp: 311252
 Ion Ratio Lower Upper
 146 100
 111 36.3 25.3 47.1
 148 65.4 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 49.521 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU048041.D

Acq: 14 Apr 2022 06:04

Instrument :

MSVOA_U

ClientSampleId :

VSTD050199

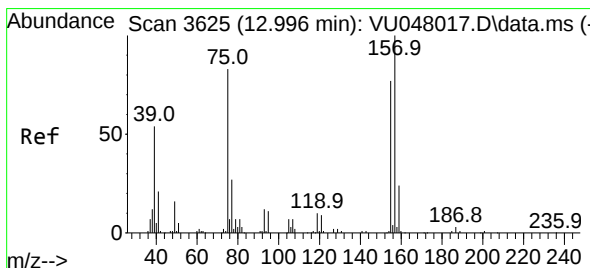
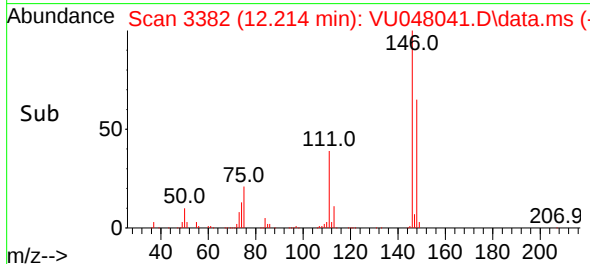
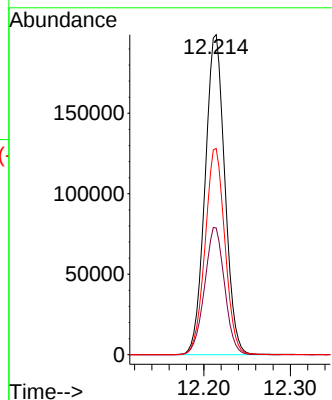
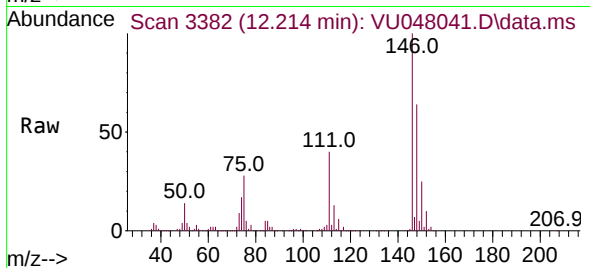
Tgt Ion:146 Resp: 315056

Ion Ratio Lower Upper

146 100

111 39.6 31.7 47.5

148 64.4 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 45.729 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU048041.D

Acq: 14 Apr 2022 06:04

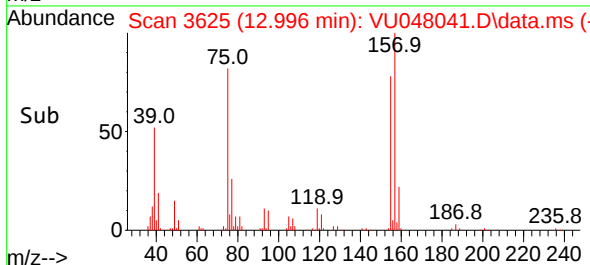
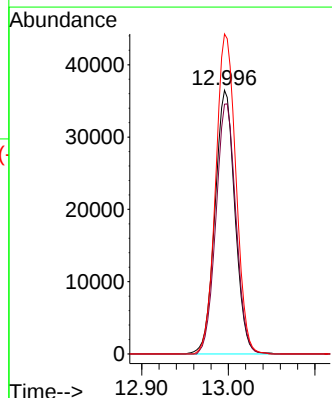
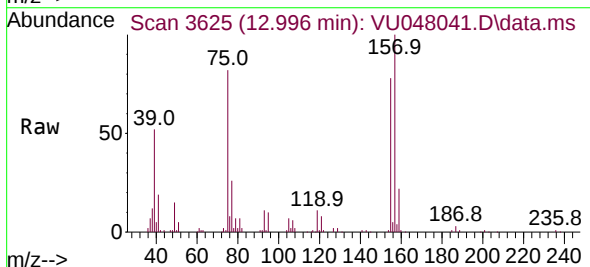
Tgt Ion: 75 Resp: 58450

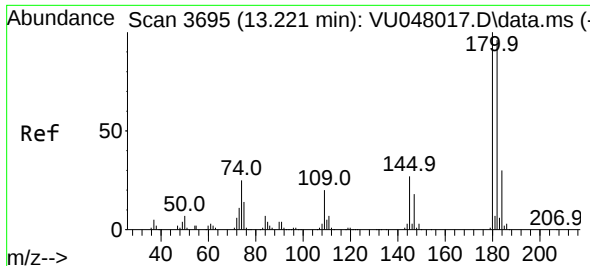
Ion Ratio Lower Upper

75 100

155 94.7 78.9 118.3

157 121.3 97.5 146.3





#69

1,3,5-Trichlorobenzene

Concen: 43.972 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. -0.000 min

Lab File: VU048041.D

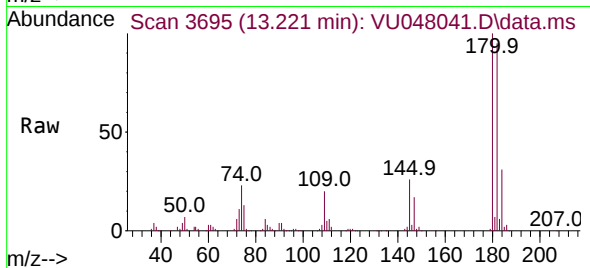
Acq: 14 Apr 2022 06:04

Instrument :

MSVOA_U

ClientSampleId :

VSTD050199



Tgt Ion:180 Resp: 227065

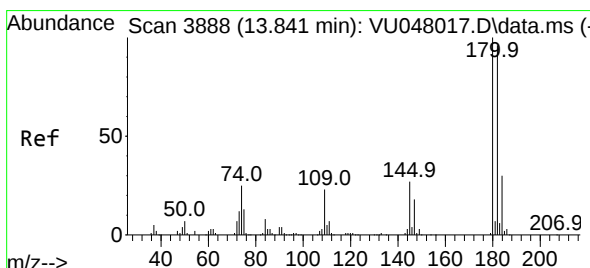
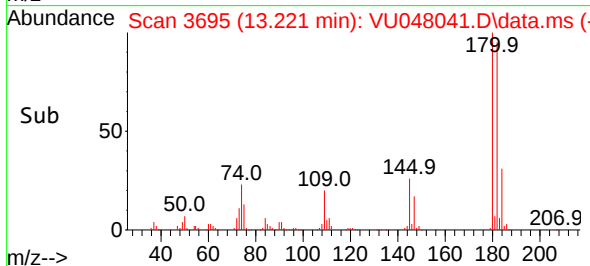
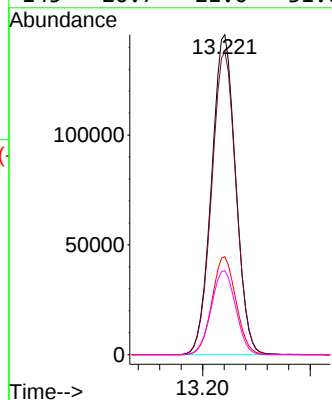
Ion Ratio Lower Upper

180 100

182 95.8 77.0 115.6

184 30.4 24.5 36.7

145 26.7 21.0 31.6



#70

1,2,4-trichlorobenzene

Concen: 44.493 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU048041.D

Acq: 14 Apr 2022 06:04

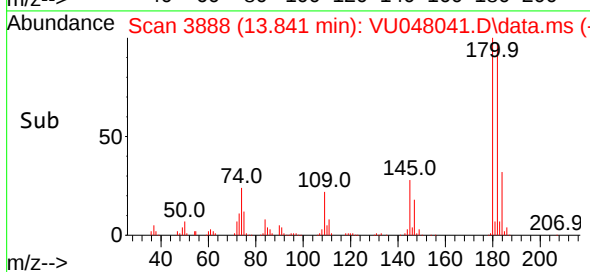
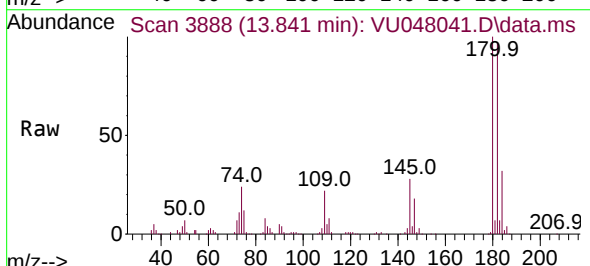
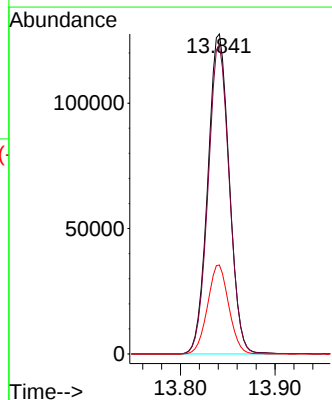
Tgt Ion:180 Resp: 201244

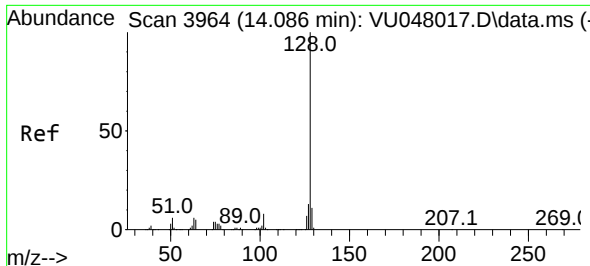
Ion Ratio Lower Upper

180 100

182 95.8 76.2 114.2

145 27.5 21.8 32.8

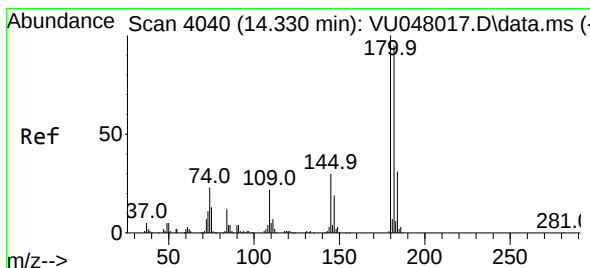
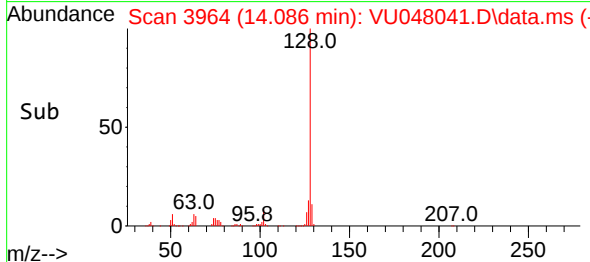
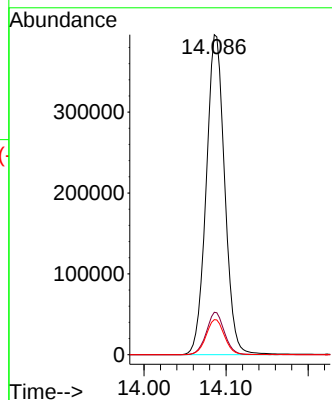
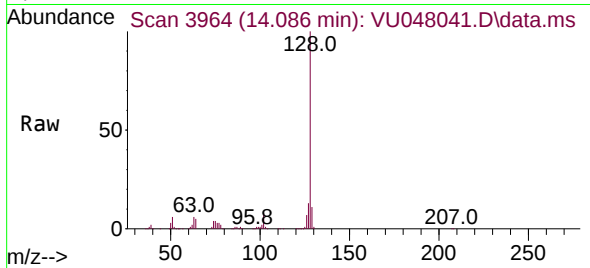




#71
Naphthalene
Concen: 45.806 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU048041.D
Acq: 14 Apr 2022 06:04

Instrument :
MSVOA_U
ClientSampleId :
VSTD050199

Tgt Ion:128 Resp: 617696
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 46.696 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU048041.D
Acq: 14 Apr 2022 06:04

Tgt Ion:180 Resp: 211734
Ion Ratio Lower Upper
180 100
182 96.7 77.4 116.0
145 29.4 22.8 34.2

