

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U060922\
 Data File : U048989.D
 Acq On : 09 Jun 2022 20:26
 Operator : SY/MD
 Sample : VSTDCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050143

Quant Time: Jun 10 01:06:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 01:01:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	317522	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	306226	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	173324	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	106152	54.583	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	109.160%	
7) Chloroethane-d5	1.887	69	76116	52.241	ug/L	-0.02
Spiked Amount 50.000	Range 70	- 130	Recovery	=	104.480%	
11) 1,1-Dichloroethene-d2	2.562	63	194406	44.200	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	88.400%	
21) 2-Butanone-d5	4.620	46	222335	120.134	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	120.130%	
24) Chloroform-d	5.060	84	222271	45.228	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	90.460%	
26) 1,2-Dichloroethane-d4	5.700	65	141170	40.717	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	81.440%	
32) Benzene-d6	5.726	84	410379	48.152	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	96.300%	
36) 1,2-Dichloropropane-d6	6.690	67	139180	55.628	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	111.260%	
41) Toluene-d8	7.896	98	377185	47.052	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	94.100%	
43) trans-1,3-Dichloroprop...	8.179	79	67176	41.988	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	83.980%	
47) 2-Hexanone-d5	8.633	63	171320	124.860	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	124.860%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	234955	56.752	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	113.500%	
66) 1,2-Dichlorobenzene-d4	12.195	152	170621	48.154	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	96.300%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	147049	43.095	ug/L	98
3) Chloromethane	1.520	50	154992	73.617	ug/L	99
5) Vinyl chloride	1.601	62	142441	63.599	ug/L	97
6) Bromomethane	1.829	94	76478	47.300	ug/L	99
8) Chloroethane	1.913	64	80217	60.851	ug/L	96
9) Trichlorofluoromethane	2.125	101	193558	44.269	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	106072	47.576	ug/L	97
12) 1,1-Dichloroethene	2.572	96	99206	48.021	ug/L	97
13) Acetone	2.623	43	140452	93.412	ug/L	93
14) Carbon disulfide	2.784	76	261319	43.588	ug/L	98
15) Methyl Acetate	2.945	43	159290	62.073	ug/L	93
16) Methylene chloride	3.041	84	122668	51.003	ug/L	93
17) trans-1,2-Dichloroethene	3.347	96	104333	46.824	ug/L	95
18) Methyl tert-butyl Ether	3.363	73	391552	50.649	ug/L	96
19) 1,1-Dichloroethane	3.864	63	219198	53.734	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	124913	49.711	ug/L	98
22) 2-Butanone	4.700	43	234190	122.669	ug/L	94
23) Bromochloromethane	4.970	128	66854	47.946	ug/L #	85
25) Chloroform	5.086	83	230996	48.513	ug/L	100

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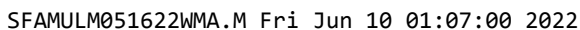
Instrument :
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 ClientSampleId :
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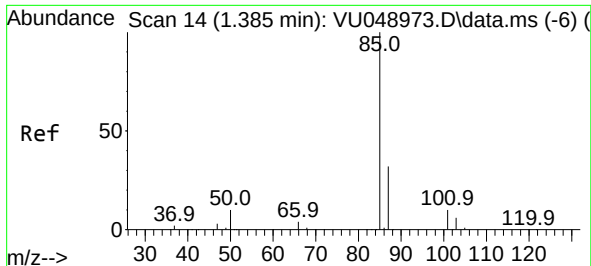
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	182538	44.689	ug/L #	95
29) Cyclohexane	5.385	56	173331	55.108	ug/L	92
30) 1,1,1-Trichloroethane	5.314	97	203256	43.836	ug/L	98
31) Carbon tetrachloride	5.520	117	172658	40.859	ug/L	99
33) Benzene	5.771	78	479215	53.564	ug/L	100
34) Trichloroethene	6.539	95	119696	47.288	ug/L	98
35) Methylcyclohexane	6.761	83	176061	48.471	ug/L	96
37) 1,2-Dichloropropane	6.790	63	132989	59.449	ug/L	98
38) Bromodichloromethane	7.105	83	174443	48.197	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	189869	49.712	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	446414	130.766	ug/L	97
42) Toluene	7.970	91	489642	50.213	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	184963	45.921	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	130140	54.324	ug/L	95
46) Tetrachloroethene	8.552	164	89697	43.427	ug/L	96
48) 2-Hexanone	8.684	43	382374	130.727	ug/L	99
49) Dibromochloromethane	8.809	129	142666	46.321	ug/L	99
50) 1,2-Dibromoethane	8.922	107	135019	48.836	ug/L	97
51) Chlorobenzene	9.446	112	327428	48.144	ug/L	99
52) Ethylbenzene	9.571	91	523940	47.017	ug/L	100
53) m,p-Xylene	9.694	106	205723	45.938	ug/L	97
54) o-Xylene	10.102	106	214154	49.916	ug/L	99
55) Styrene	10.115	104	368504	49.401	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.784	83	248452	60.008	ug/L	98
59) Bromoform	10.292	173	120506	50.579	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	204424	59.470	ug/L	97
61) Isopropylbenzene	10.485	105	552996	51.806	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	311013	51.250	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	486831	51.590	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	262174	47.627	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	261519	45.782	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	275595	49.223	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	61780	46.485	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	176399	40.205	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	146057	36.806	ug/L	99
71) Naphthalene	14.089	128	499664	38.187	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	158456	39.771	ug/L	98

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

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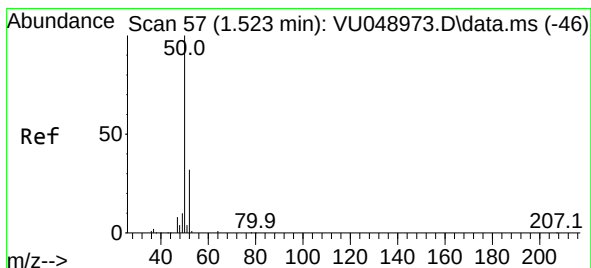
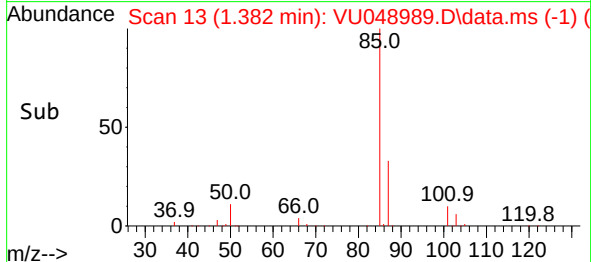
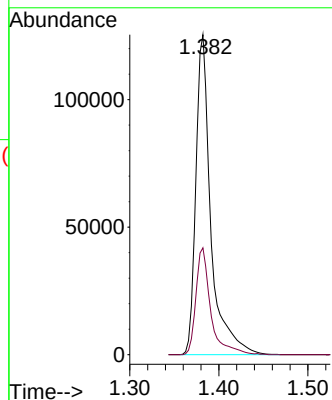
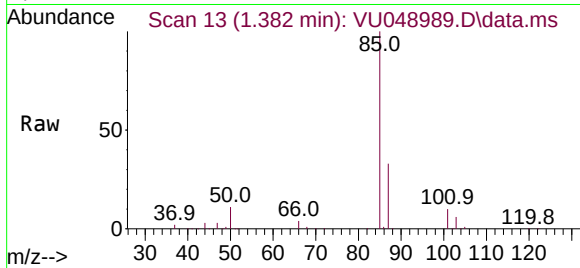




#2
Dichlorodifluoromethane
Concen: 43.095 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048989.D
Acq: 09 Jun 2022 20:26

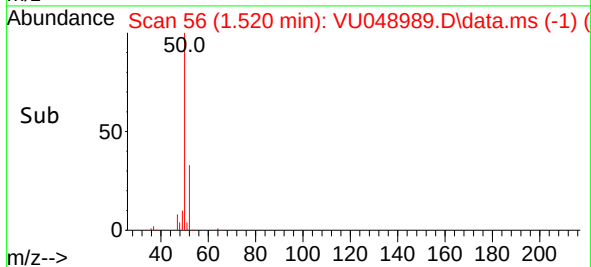
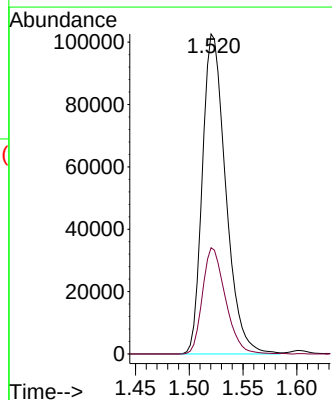
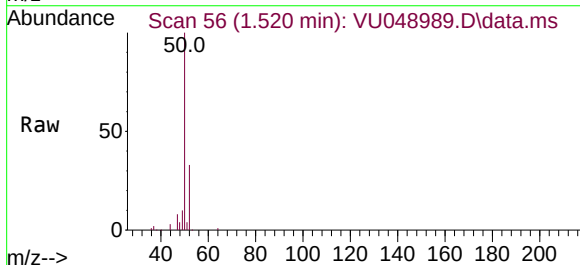
Instrument :
MSVOA_U
ClientSampleId :
VSTD050143

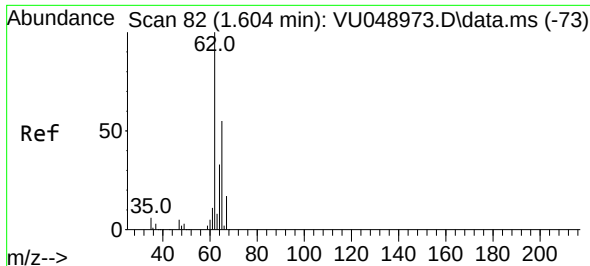
Tgt Ion: 85 Resp: 147049
Ion Ratio Lower Upper
85 100
87 33.1 25.4 38.2



#3
Chloromethane
Concen: 73.617 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU048989.D
Acq: 09 Jun 2022 20:26

Tgt Ion: 50 Resp: 154992
Ion Ratio Lower Upper
50 100
52 33.2 23.8 44.2

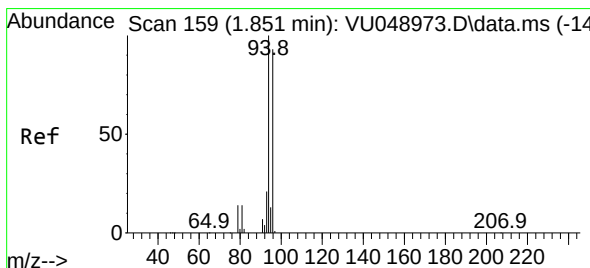
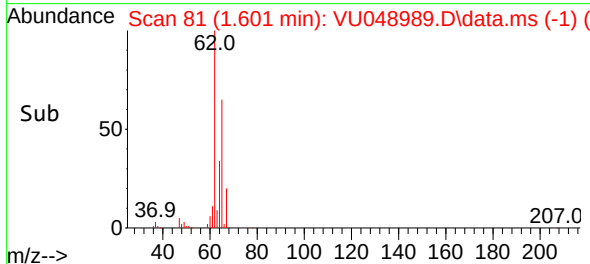
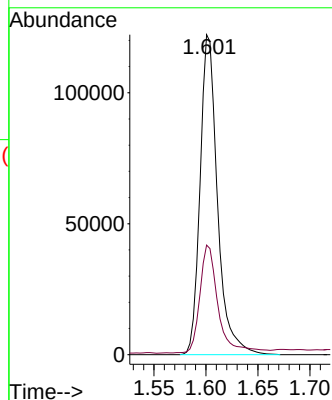
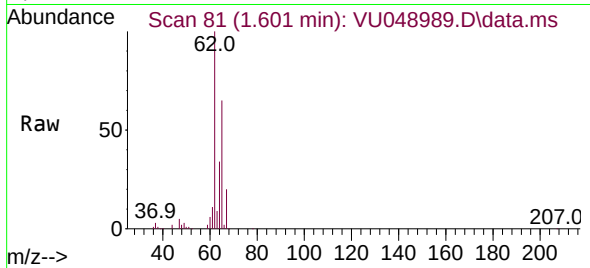




#5
 Vinyl chloride
 Concen: 63.599 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU048989.D
 Acq: 09 Jun 2022 20:26

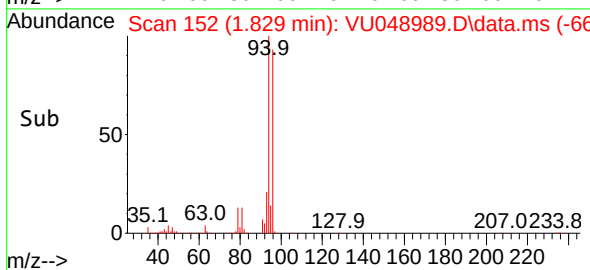
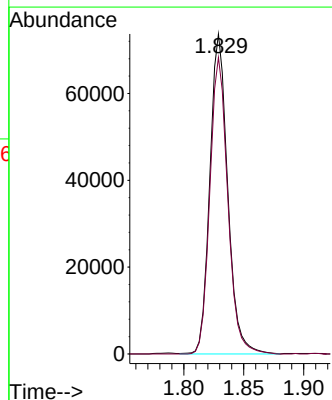
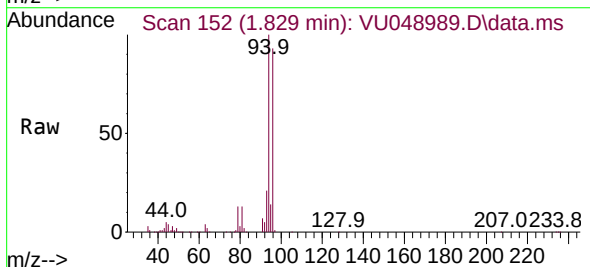
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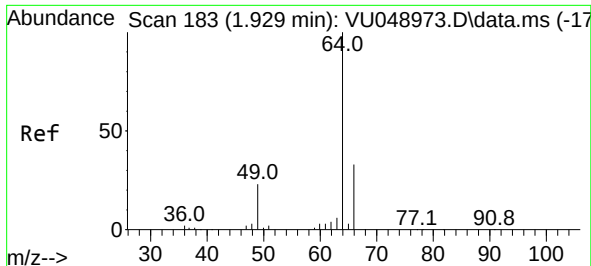
Tgt Ion: 62 Resp: 142441
 Ion Ratio Lower Upper
 62 100
 64 34.3 22.9 42.5



#6
 Bromomethane
 Concen: 47.300 ug/L
 RT: 1.829 min Scan# 152
 Delta R.T. -0.022 min
 Lab File: VU048989.D
 Acq: 09 Jun 2022 20:26

Tgt Ion: 94 Resp: 76478
 Ion Ratio Lower Upper
 94 100
 96 92.6 65.7 121.9

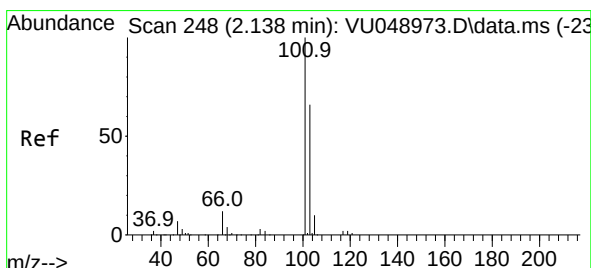
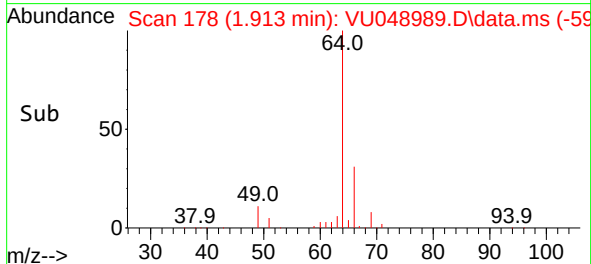
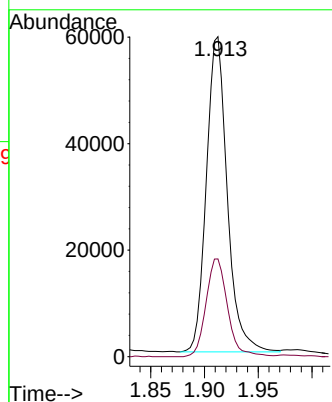
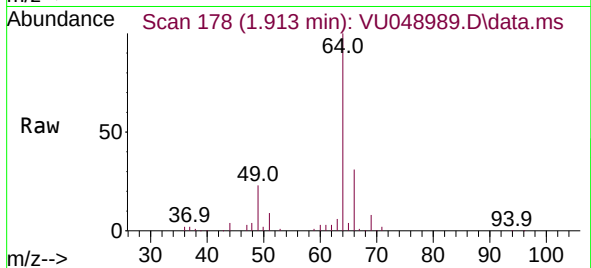




#8
Chloroethane
Concen: 60.851 ug/L
RT: 1.913 min Scan# 1
Delta R.T. -0.016 min
Lab File: VU048989.D
Acq: 09 Jun 2022 20:26

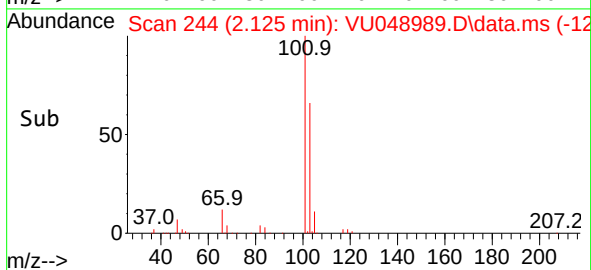
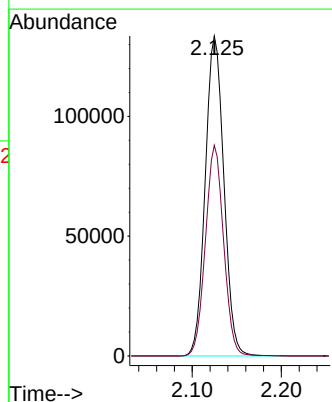
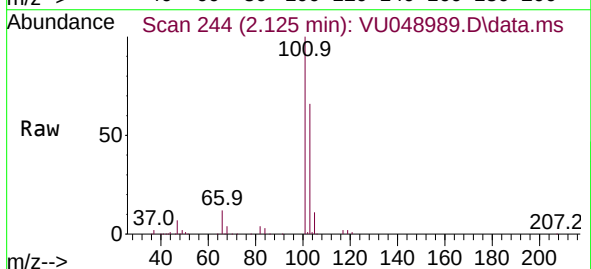
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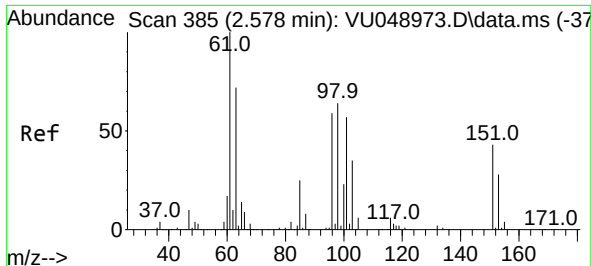
Tgt Ion: 64 Resp: 80217
Ion Ratio Lower Upper
64 100
66 30.6 23.1 42.9



#9
Trichlorofluoromethane
Concen: 44.269 ug/L
RT: 2.125 min Scan# 244
Delta R.T. -0.013 min
Lab File: VU048989.D
Acq: 09 Jun 2022 20:26

Tgt Ion:101 Resp: 193558
Ion Ratio Lower Upper
101 100
103 64.3 51.6 77.4

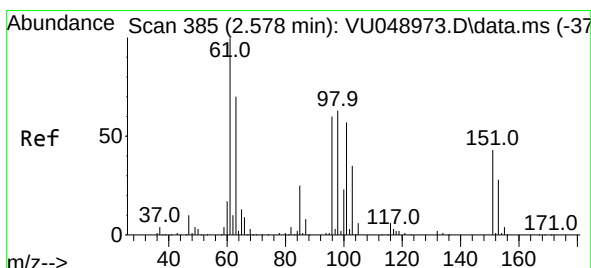
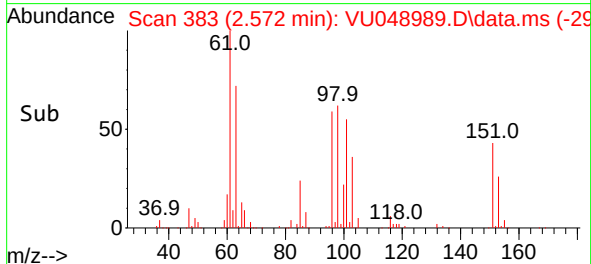
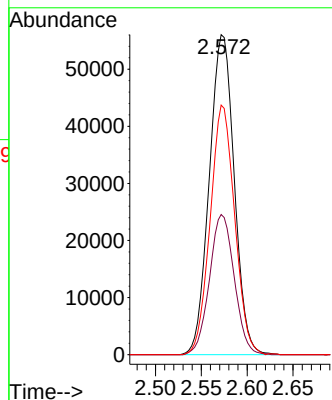
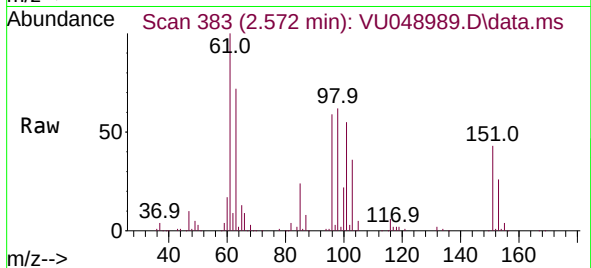




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.576 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.006 min
 Lab File: VU048989.D
 Acq: 09 Jun 2022 20:26

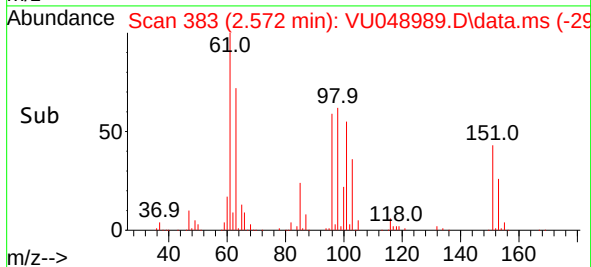
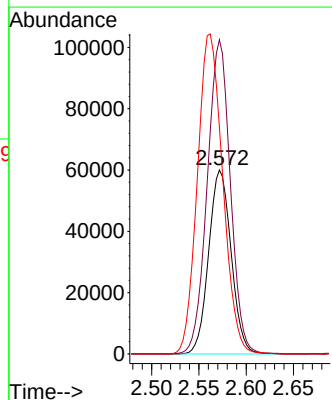
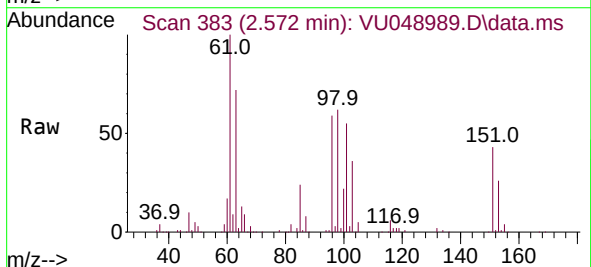
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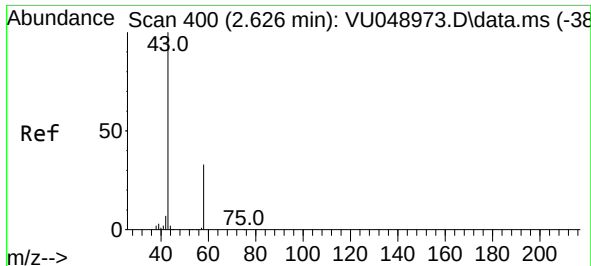
Tgt Ion:101 Resp: 106072
 Ion Ratio Lower Upper
 101 100
 85 43.5 35.7 53.5
 151 76.7 64.4 96.6



#12
 1,1-Dichloroethene
 Concen: 48.021 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.006 min
 Lab File: VU048989.D
 Acq: 09 Jun 2022 20:26

Tgt Ion: 96 Resp: 99206
 Ion Ratio Lower Upper
 96 100
 61 170.8 120.6 224.0
 63 123.3 82.3 152.9





#13

Acetone

Concen: 93.412 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU048989.D

Acq: 09 Jun 2022 20:26

Instrument :

MSVOA_U

ClientSampleId :

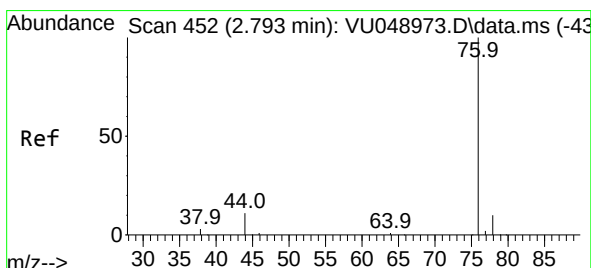
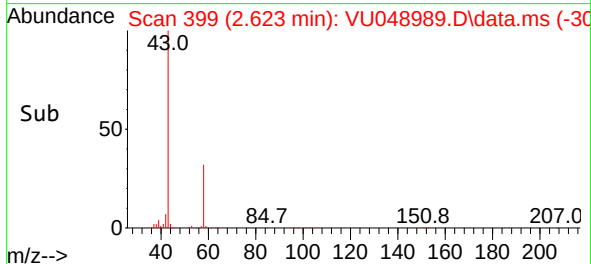
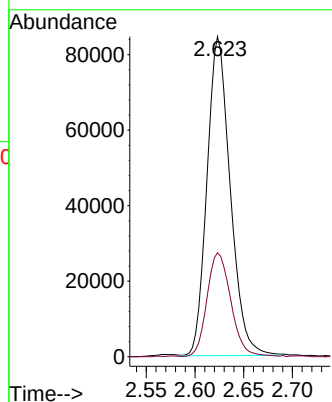
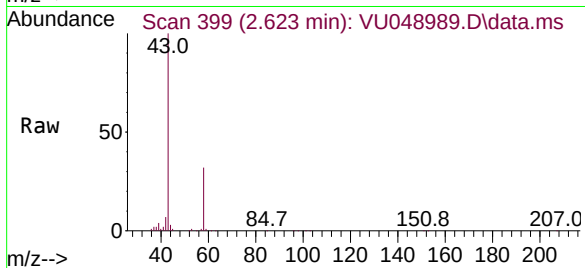
VSTD050143

Tgt Ion: 43 Resp: 140452

Ion Ratio Lower Upper

43 100

58 33.4 0.0 59.8



#14

Carbon disulfide

Concen: 43.588 ug/L

RT: 2.784 min Scan# 449

Delta R.T. -0.010 min

Lab File: VU048989.D

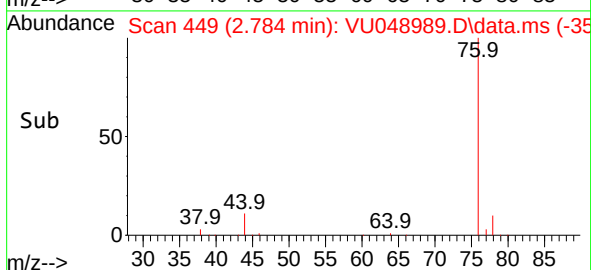
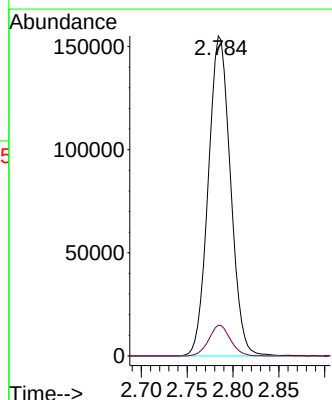
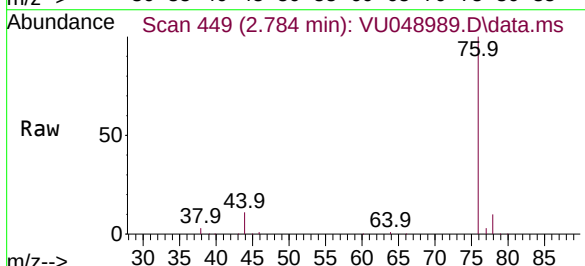
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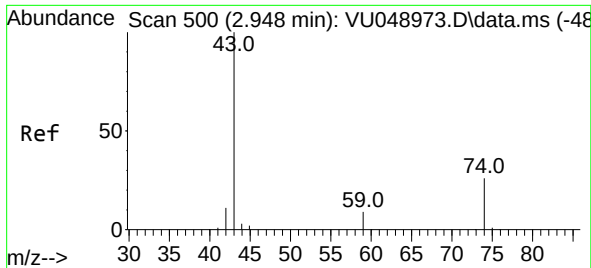
Tgt Ion: 76 Resp: 261319

Ion Ratio Lower Upper

76 100

78 9.6 7.2 10.8

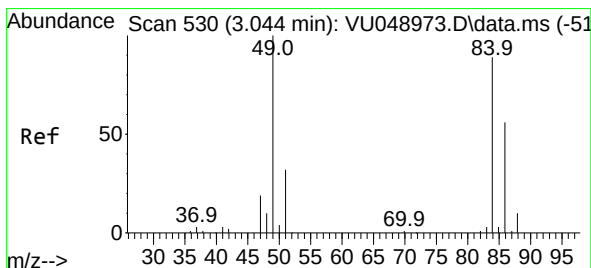
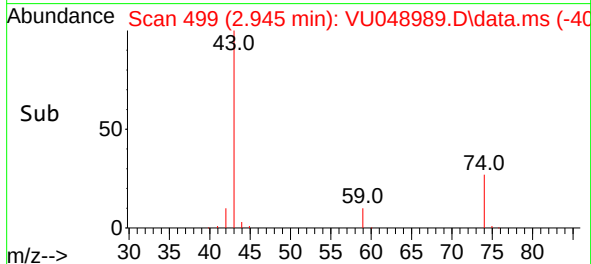
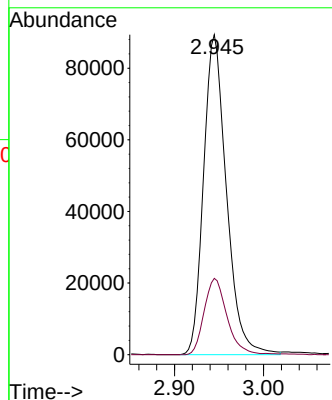
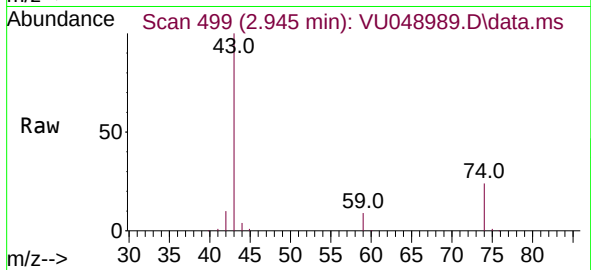




#15
Methyl Acetate
Concen: 62.073 ug/L
RT: 2.945 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU048989.D
Acq: 09 Jun 2022 20:26

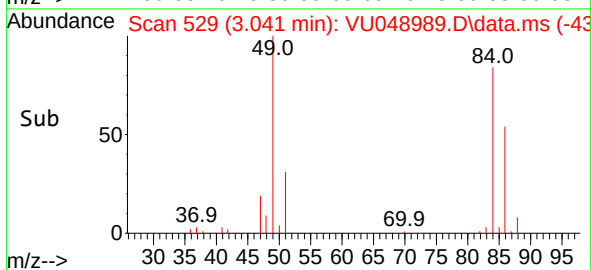
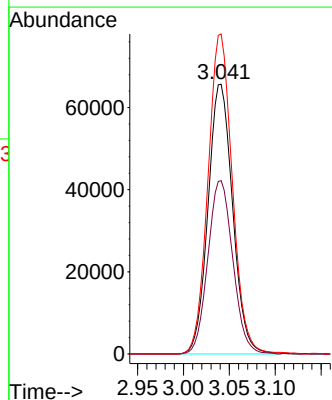
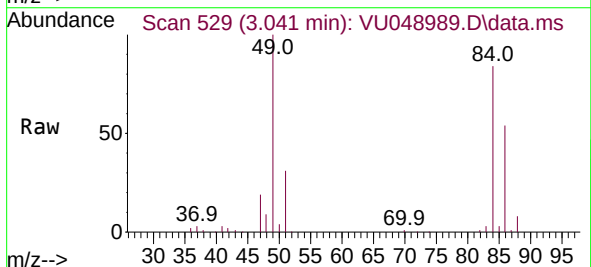
Instrument :
MSVOA_U
ClientSampleId :
VSTD050143

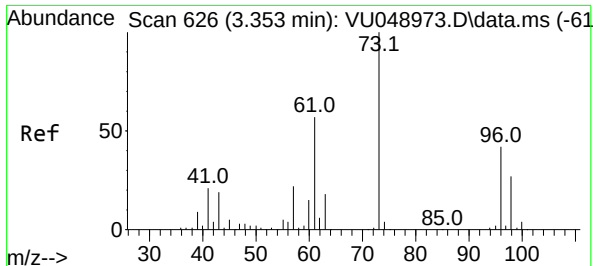
Tgt Ion: 43 Resp: 159290
Ion Ratio Lower Upper
43 100
74 23.6 21.7 32.5



#16
Methylene chloride
Concen: 51.003 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU048989.D
Acq: 09 Jun 2022 20:26

Tgt Ion: 84 Resp: 122668
Ion Ratio Lower Upper
84 100
86 64.2 43.5 80.9
49 118.7 76.4 141.8





#17

trans-1,2-Dichloroethene

Concen: 46.824 ug/L

RT: 3.347 min Scan# 61

Delta R.T. -0.006 min

Lab File: VU048989.D

Acq: 09 Jun 2022 20:26

Instrument :

MSVOA_U

ClientSampleId :

VSTD050143

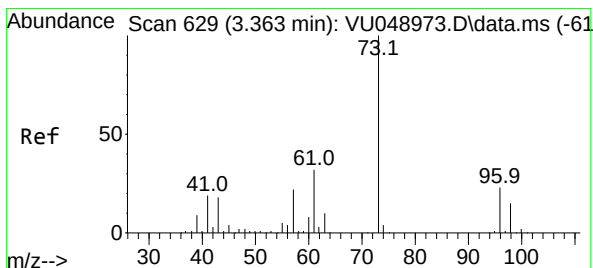
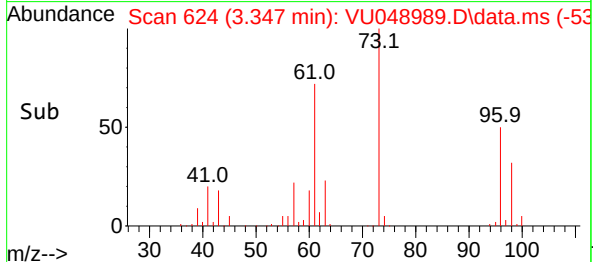
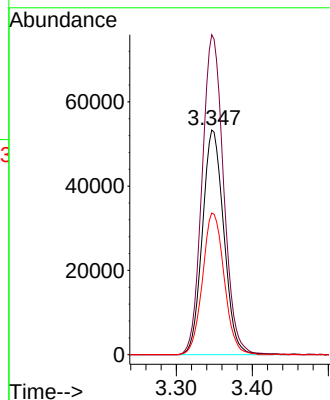
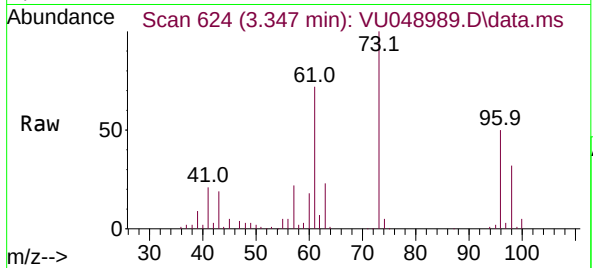
Tgt Ion: 96 Resp: 104333

Ion Ratio Lower Upper

96 100

61 142.5 94.2 175.0

98 63.0 45.1 83.7



#18

Methyl tert-butyl Ether

Concen: 50.649 ug/L

RT: 3.363 min Scan# 629

Delta R.T. 0.000 min

Lab File: VU048989.D

Acq: 09 Jun 2022 20:26

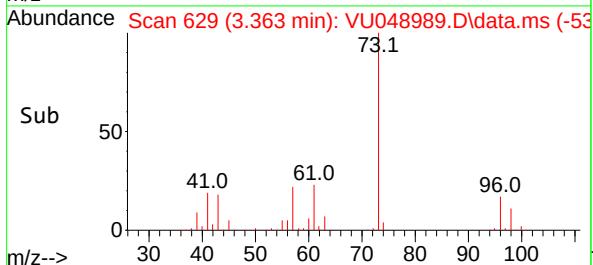
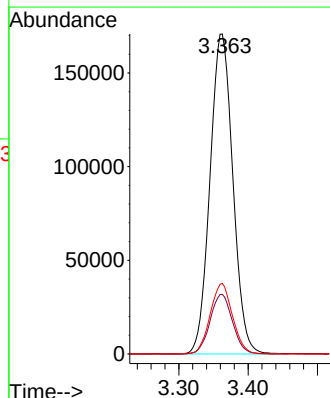
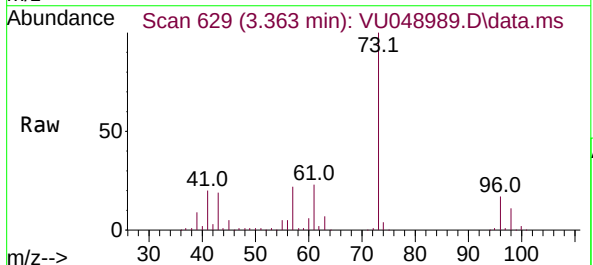
Tgt Ion: 73 Resp: 391552

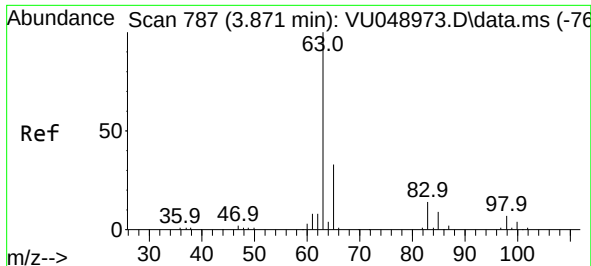
Ion Ratio Lower Upper

73 100

43 18.3 16.2 24.4

57 21.5 15.7 23.5





#19

1,1-Dichloroethane

Concen: 53.734 ug/L

RT: 3.864 min Scan# 71

Delta R.T. -0.006 min

Lab File: VU048989.D

Acq: 09 Jun 2022 20:26

Instrument :

MSVOA_U

ClientSampleId :

VSTD050143

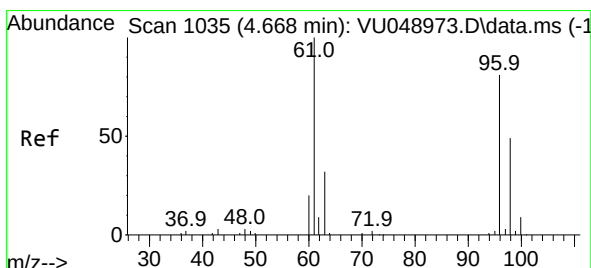
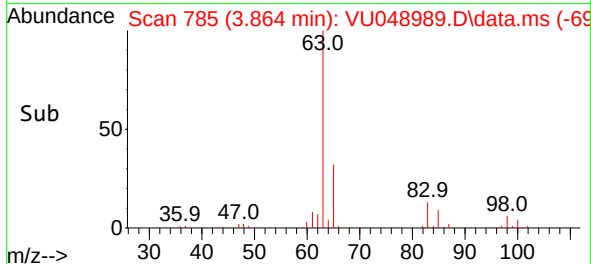
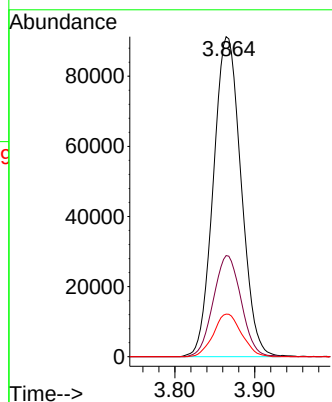
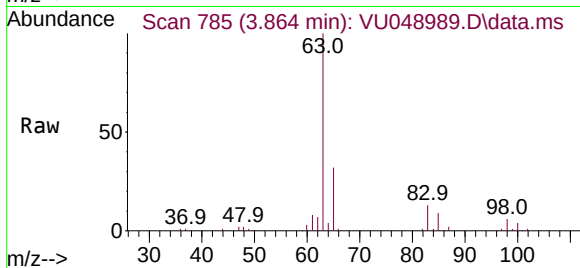
Tgt Ion: 63 Resp: 219198

Ion Ratio Lower Upper

63 100

65 31.6 21.8 40.6

83 13.3 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 49.711 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU048989.D

Acq: 09 Jun 2022 20:26

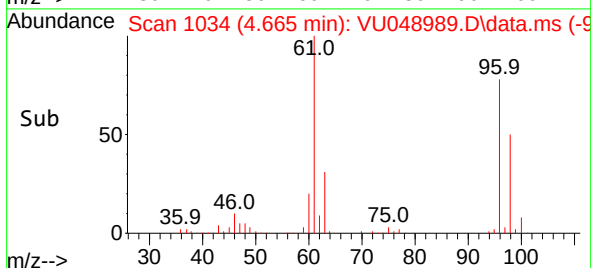
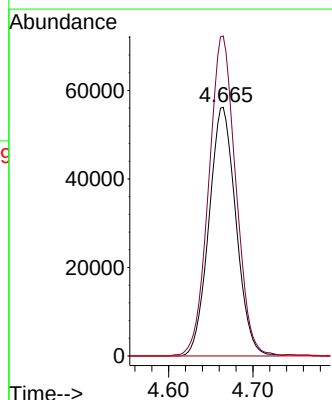
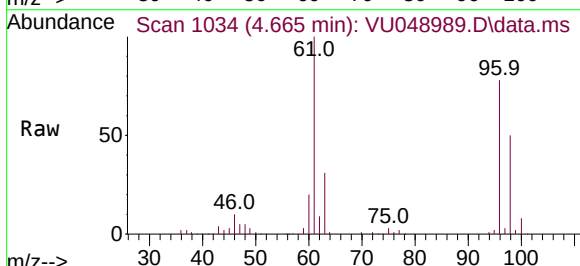
Tgt Ion: 96 Resp: 124913

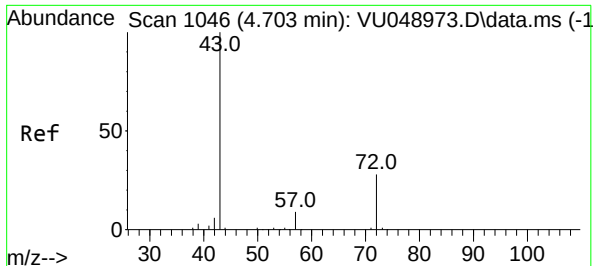
Ion Ratio Lower Upper

96 100

61 128.7 88.3 164.1

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 122.669 ug/L

RT: 4.700 min Scan# 1129

Delta R.T. -0.003 min

Lab File: VU048989.D

Acq: 09 Jun 2022 20:26

Instrument :

MSVOA_U

ClientSampleId :

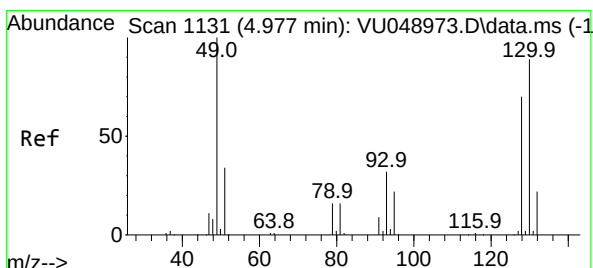
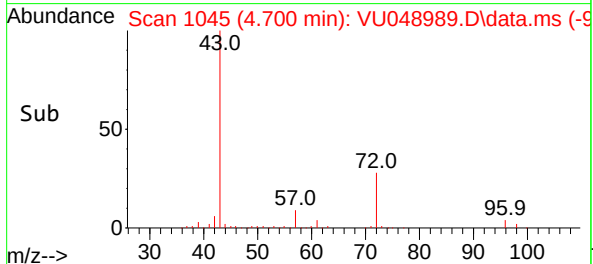
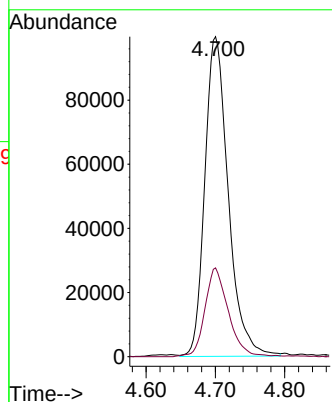
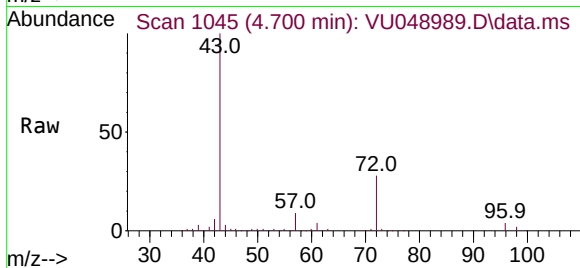
VSTD050143

Tgt Ion: 43 Resp: 234190

Ion Ratio Lower Upper

43 100

72 27.6 15.4 46.2



#23

Bromochloromethane

Concen: 47.946 ug/L

RT: 4.970 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VU048989.D

Acq: 09 Jun 2022 20:26

Tgt Ion:128 Resp: 66854

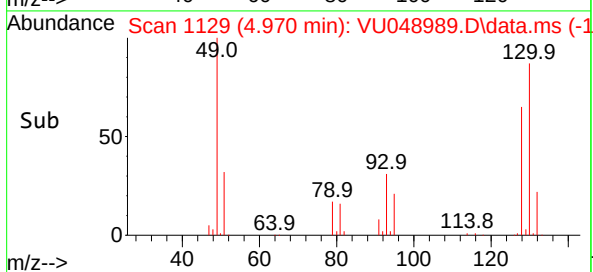
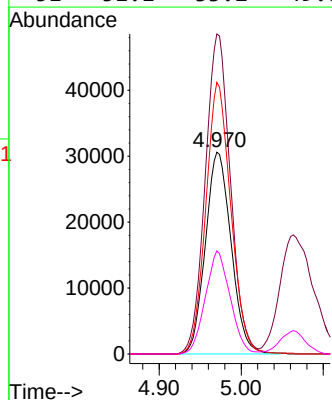
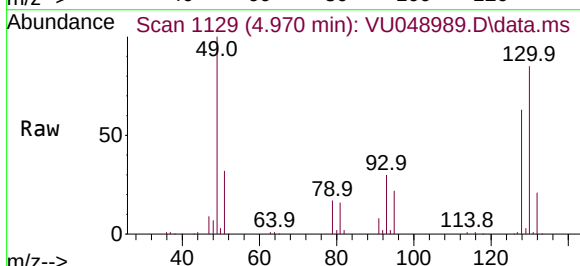
Ion Ratio Lower Upper

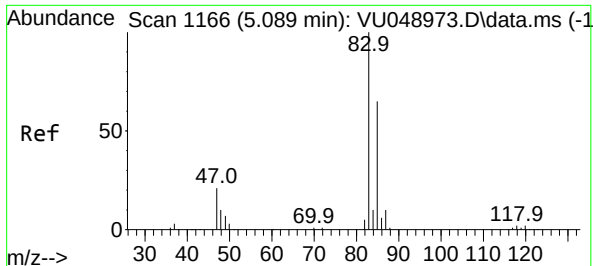
128 100

49 158.6 91.9 170.7

130 134.6 88.4 164.2

51 51.1 33.2 49.8#





#25

Chloroform

Concen: 48.513 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.003 min

Lab File: VU048989.D

Acq: 09 Jun 2022 20:26

Instrument :

MSVOA_U

ClientSampleId :

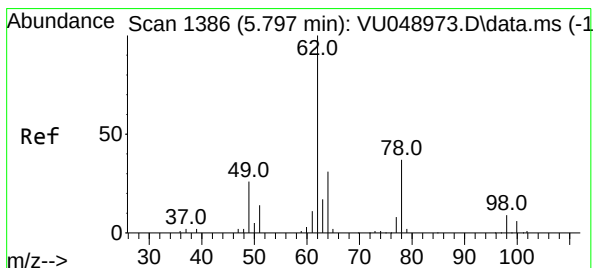
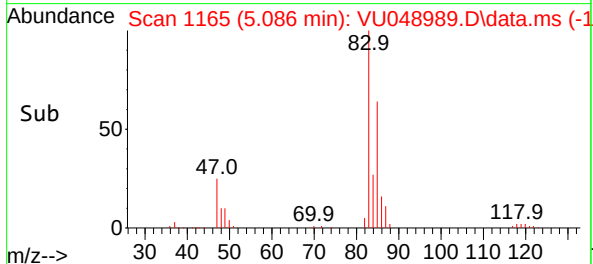
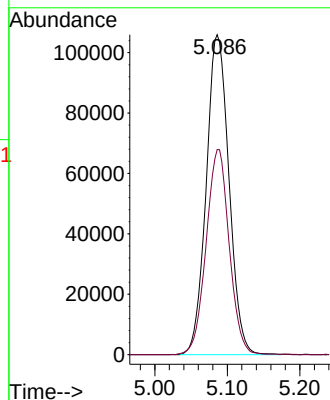
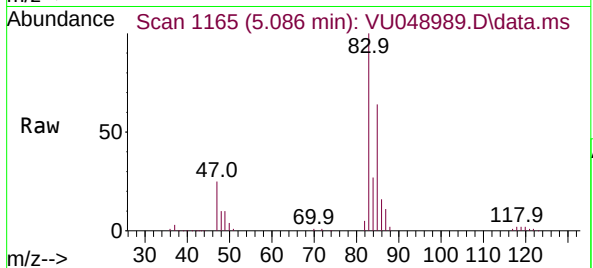
VSTD050143

Tgt Ion: 83 Resp: 230996

Ion Ratio Lower Upper

83 100

85 64.1 45.1 83.7



#27

1,2-Dichloroethane

Concen: 44.689 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.003 min

Lab File: VU048989.D

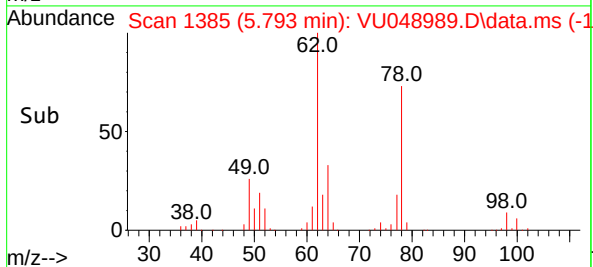
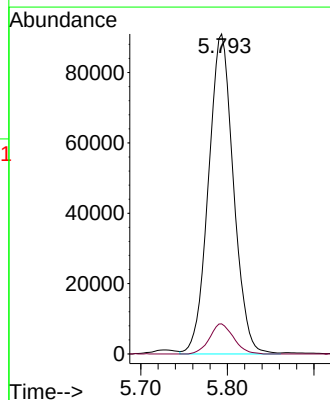
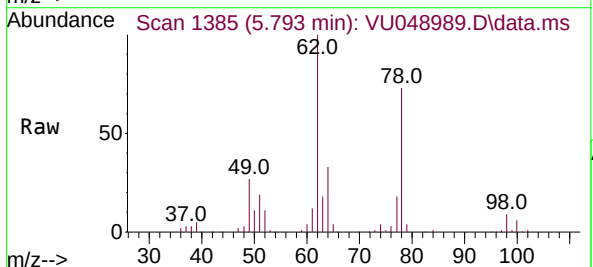
Acq: 09 Jun 2022 20:26

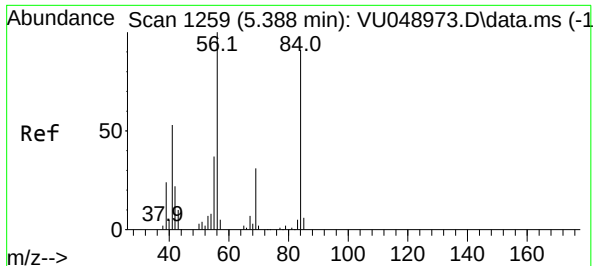
Tgt Ion: 62 Resp: 182538

Ion Ratio Lower Upper

62 100

98 9.4 6.0 9.0#





#29

Cyclohexane

Concen: 55.108 ug/L

RT: 5.385 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU048989.D

Acq: 09 Jun 2022 20:26

Instrument :

MSVOA_U

ClientSampleId :

VSTD050143

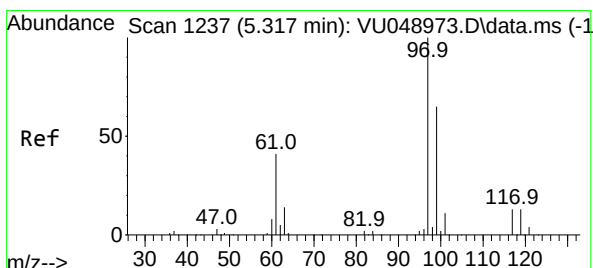
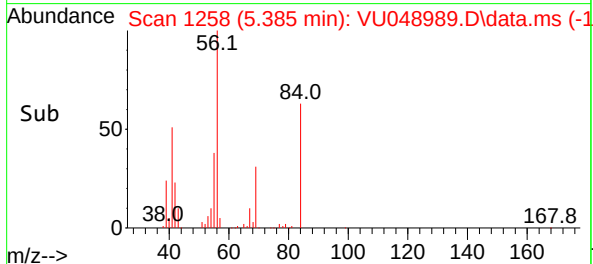
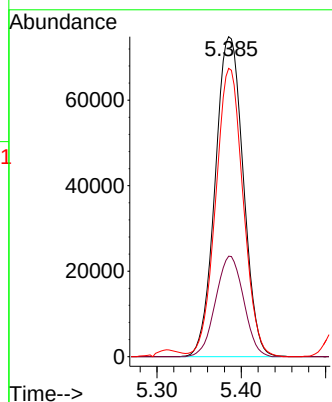
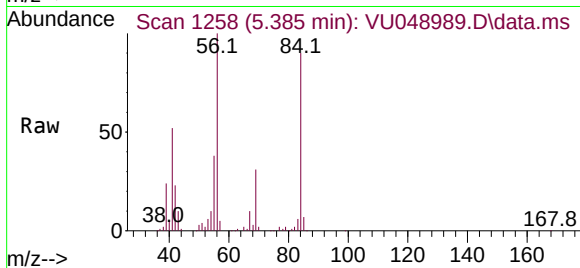
Tgt Ion: 56 Resp: 173331

Ion Ratio Lower Upper

56 100

69 31.3 26.5 39.7

84 88.3 78.0 117.0



#30

1,1,1-Trichloroethane

Concen: 43.836 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU048989.D

Acq: 09 Jun 2022 20:26

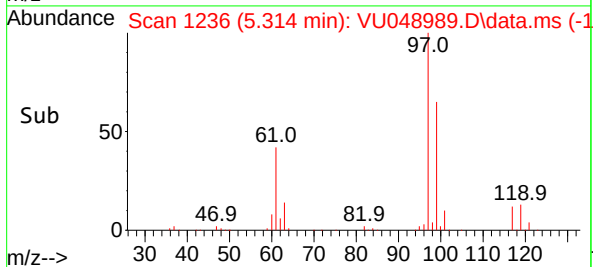
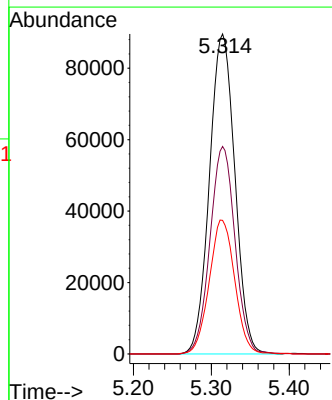
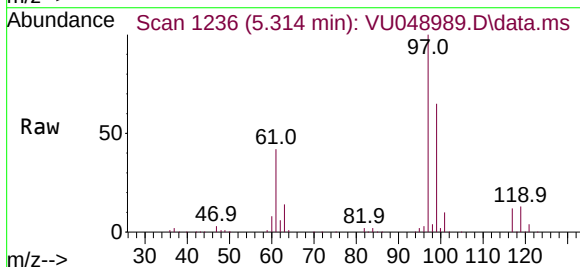
Tgt Ion: 97 Resp: 203256

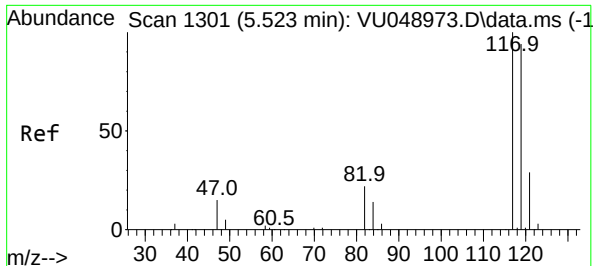
Ion Ratio Lower Upper

97 100

99 64.0 50.3 75.5

61 41.9 32.6 48.8

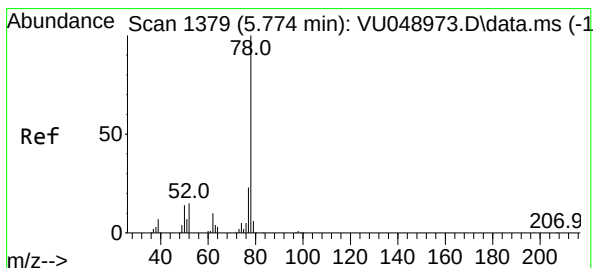
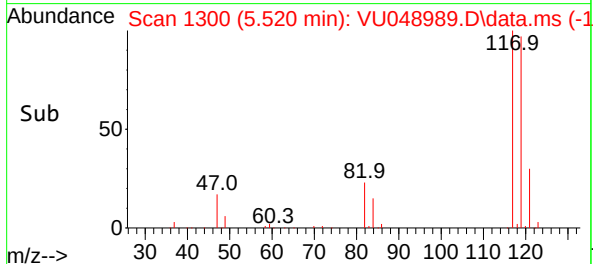
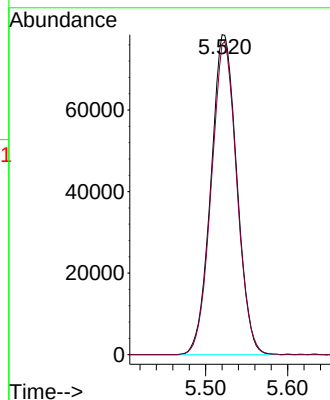
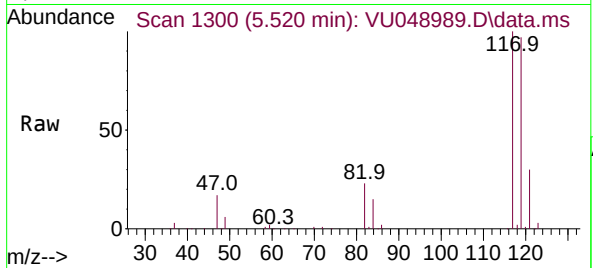




#31
Carbon tetrachloride
Concen: 40.859 ug/L
RT: 5.520 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048989.D
Acq: 09 Jun 2022 20:26

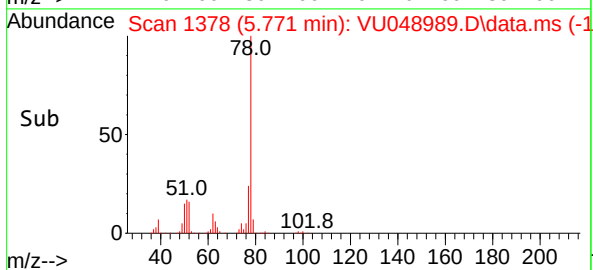
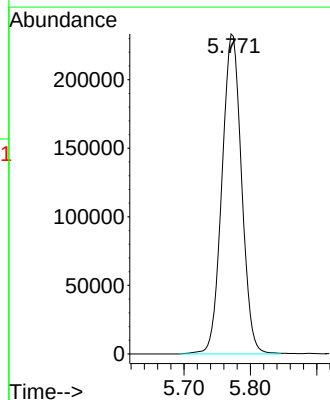
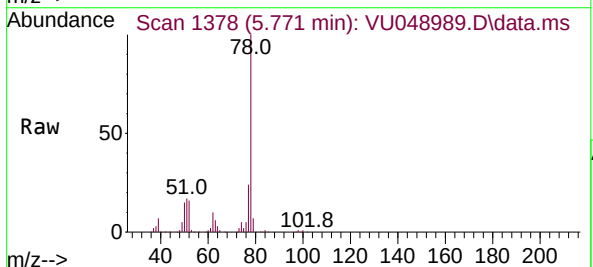
Instrument :
MSVOA_U
ClientSampleId :
VSTD050143

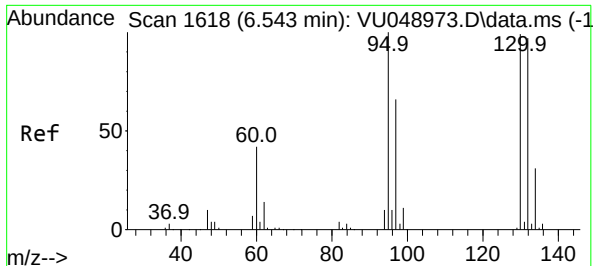
Tgt Ion:117 Resp: 172658
Ion Ratio Lower Upper
117 100
119 96.2 76.0 114.0



#33
Benzene
Concen: 53.564 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU048989.D
Acq: 09 Jun 2022 20:26

Tgt Ion: 78 Resp: 479215

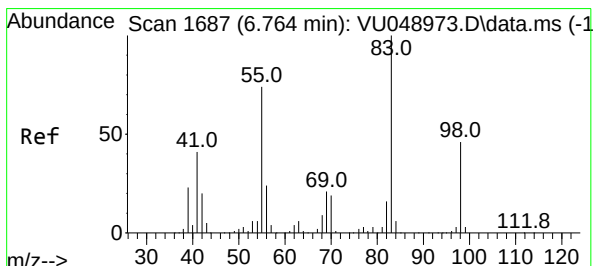
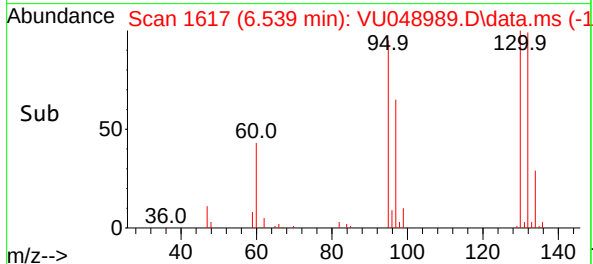
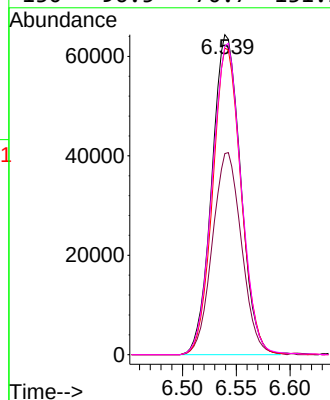
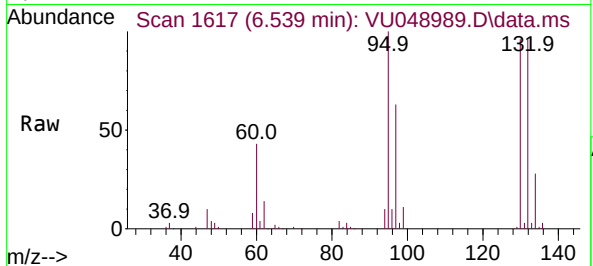




#34
Trichloroethene
Concen: 47.288 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU048989.D
Acq: 09 Jun 2022 20:26

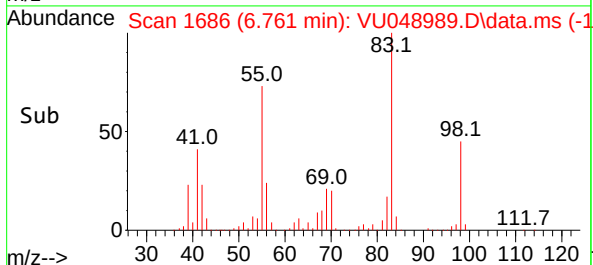
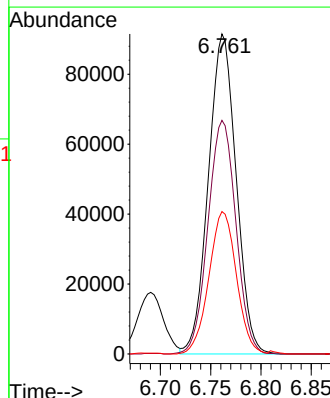
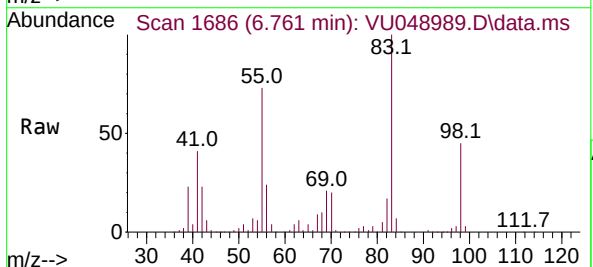
Instrument :
MSVOA_U
ClientSampleId :
VSTD050143

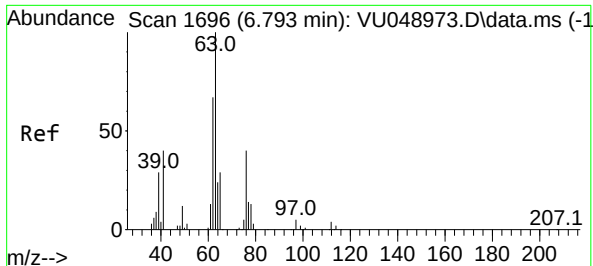
Tgt Ion: 95 Resp: 119696
Ion Ratio Lower Upper
95 100
97 62.8 45.2 84.0
132 95.8 67.3 124.9
130 96.5 70.7 131.3



#35
Methylcyclohexane
Concen: 48.471 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU048989.D
Acq: 09 Jun 2022 20:26

Tgt Ion: 83 Resp: 176061
Ion Ratio Lower Upper
83 100
55 73.5 56.2 84.4
98 44.1 38.2 57.2





#37

1,2-Dichloropropane

Concen: 59.449 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048989.D

Acq: 09 Jun 2022 20:26

Instrument :

MSVOA_U

ClientSampleId :

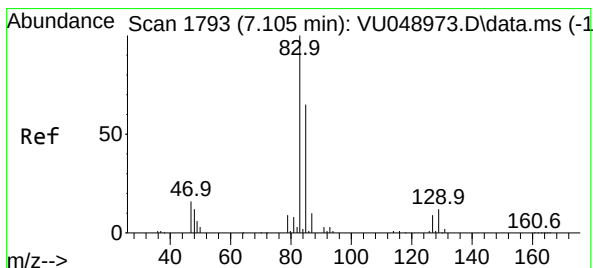
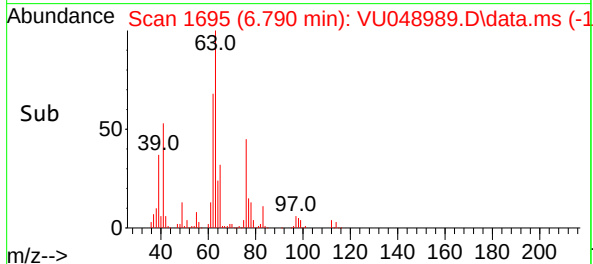
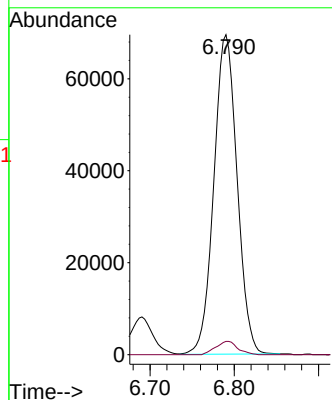
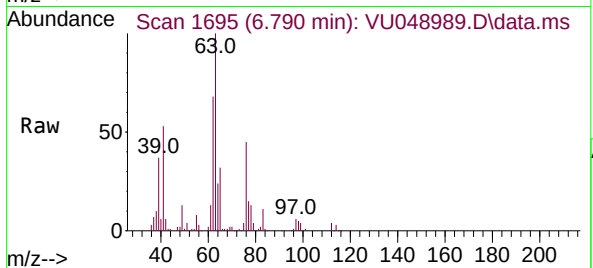
VSTD050143

Tgt Ion: 63 Resp: 132989

Ion Ratio Lower Upper

63 100

112 3.9 3.7 5.5



#38

Bromodichloromethane

Concen: 48.197 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU048989.D

Acq: 09 Jun 2022 20:26

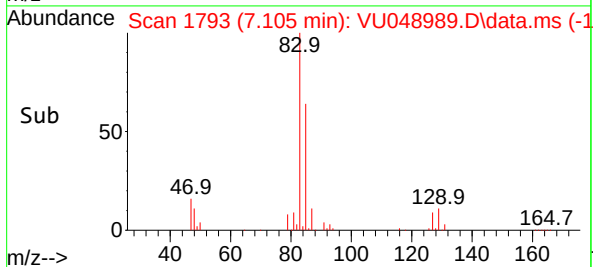
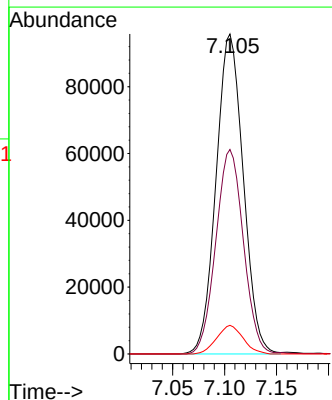
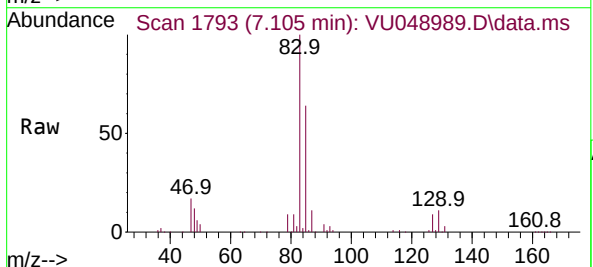
Tgt Ion: 83 Resp: 174443

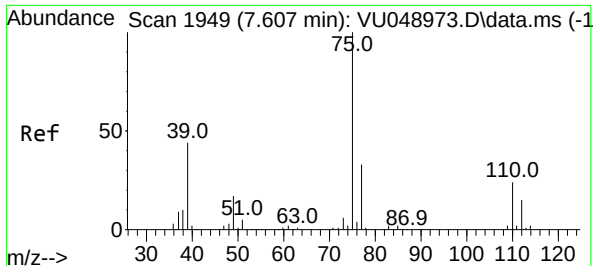
Ion Ratio Lower Upper

83 100

85 63.9 46.1 85.5

127 8.9 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 49.712 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU048989.D

Acq: 09 Jun 2022 20:26

Instrument :

MSVOA_U

ClientSampleId :

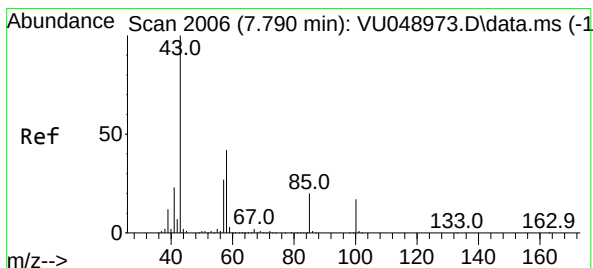
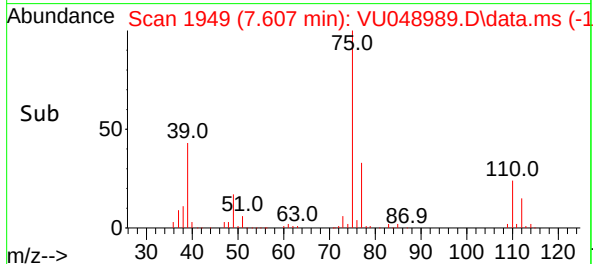
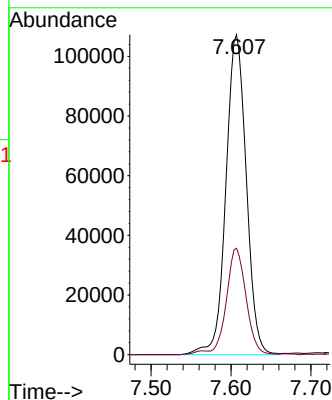
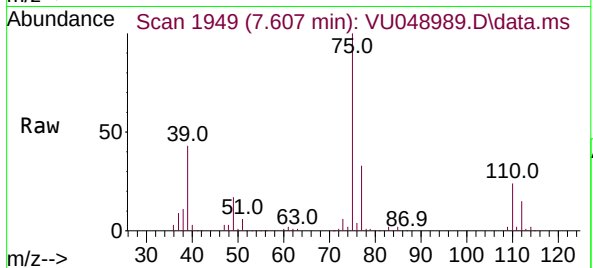
VSTD050143

Tgt Ion: 75 Resp: 189869

Ion Ratio Lower Upper

75 100

77 33.2 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 130.766 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU048989.D

Acq: 09 Jun 2022 20:26

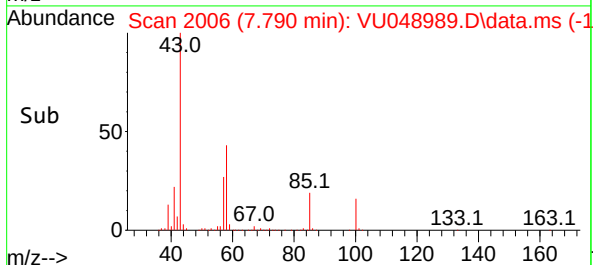
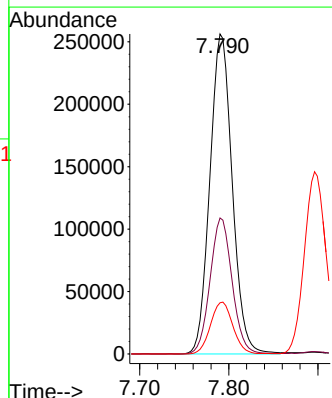
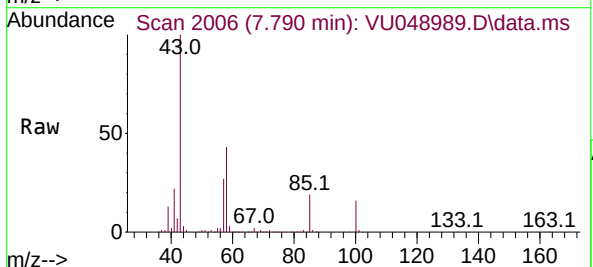
Tgt Ion: 43 Resp: 446414

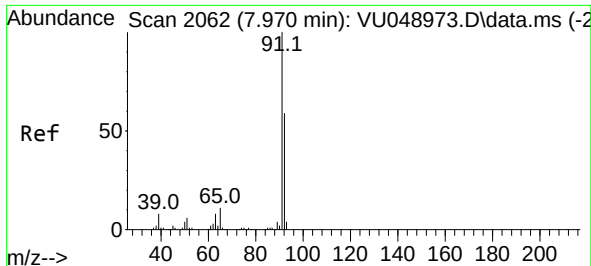
Ion Ratio Lower Upper

43 100

58 41.8 34.3 51.5

100 16.2 14.7 22.1





#42

Toluene

Concen: 50.213 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048989.D

Acq: 09 Jun 2022 20:26

Instrument :

MSVOA_U

ClientSampleId :

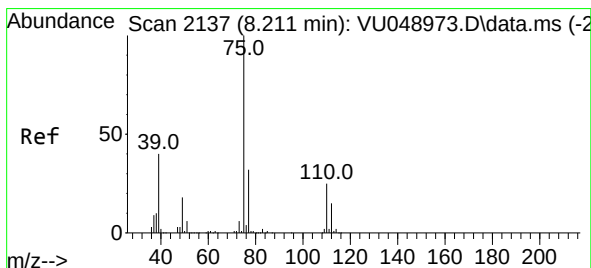
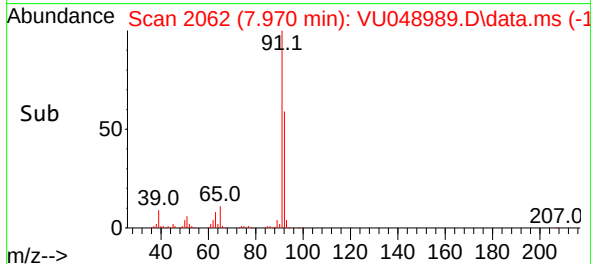
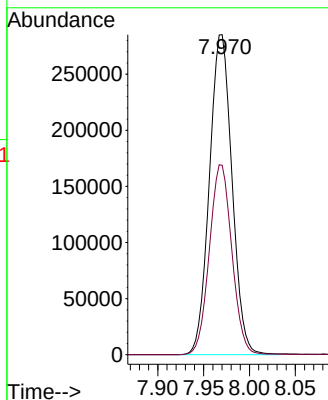
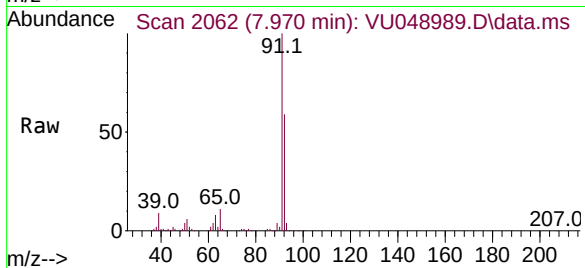
VSTD050143

Tgt Ion: 91 Resp: 489642

Ion Ratio Lower Upper

91 100

92 59.2 41.4 77.0



#44

trans-1,3-Dichloropropene

Concen: 45.921 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU048989.D

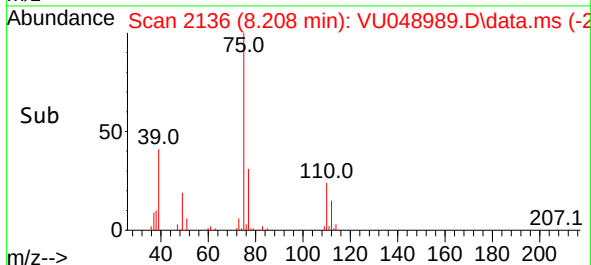
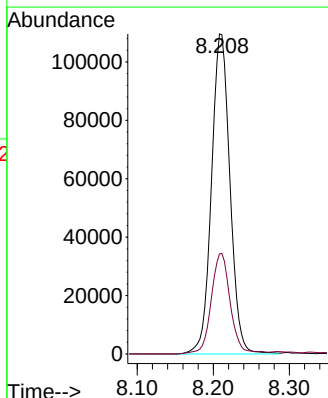
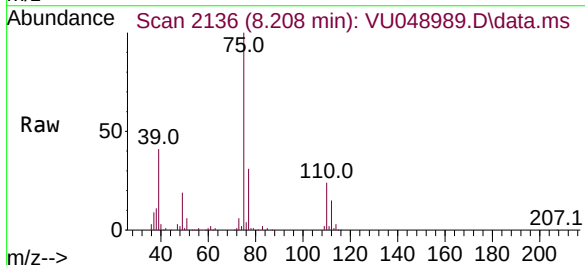
Acq: 09 Jun 2022 20:26

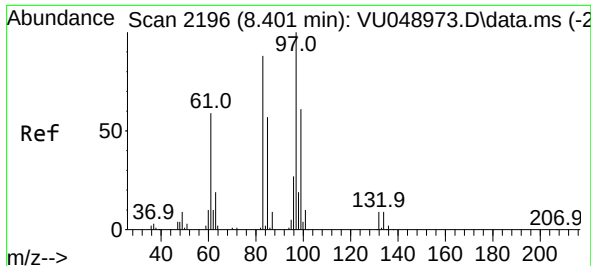
Tgt Ion: 75 Resp: 184963

Ion Ratio Lower Upper

75 100

77 31.2 22.7 42.1



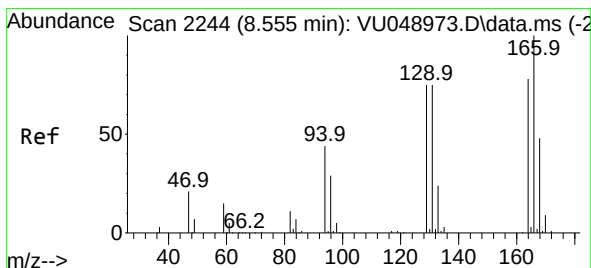
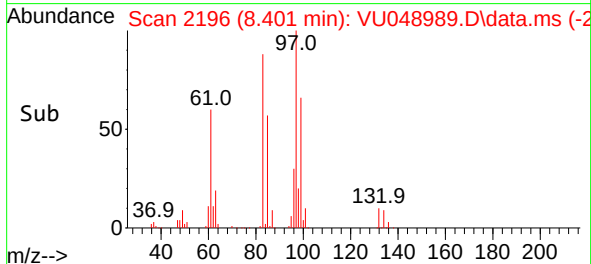
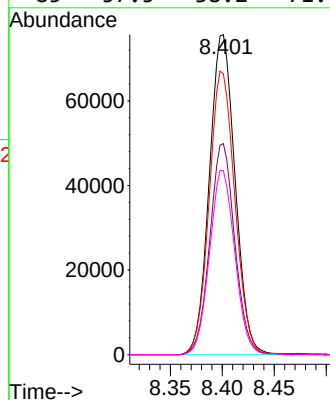
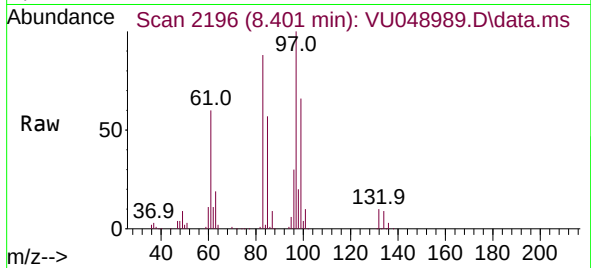


#45
1,1,2-Trichloroethane
Concen: 54.324 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048989.D
Acq: 09 Jun 2022 20:26

Instrument :
MSVOA_U
ClientSampleId :
VSTD050143

Tgt Ion: 97 Resp: 130140

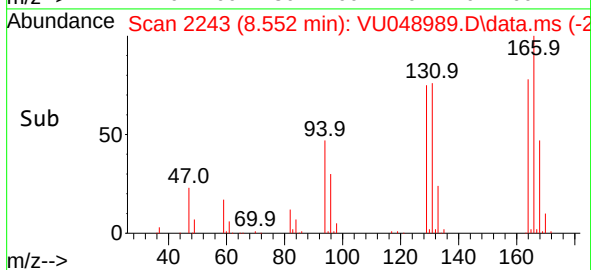
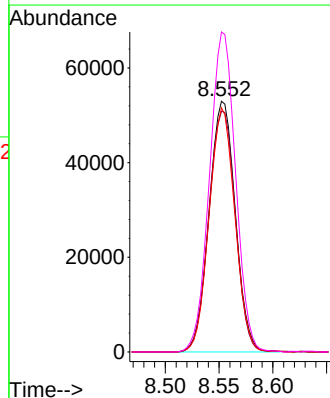
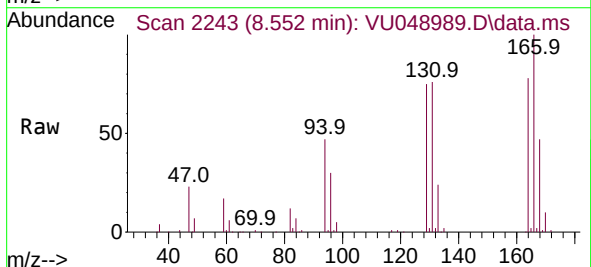
Ion	Ratio	Lower	Upper
97	100		
99	66.0	42.2	78.4
83	87.8	58.4	108.6
85	57.5	38.2	71.0

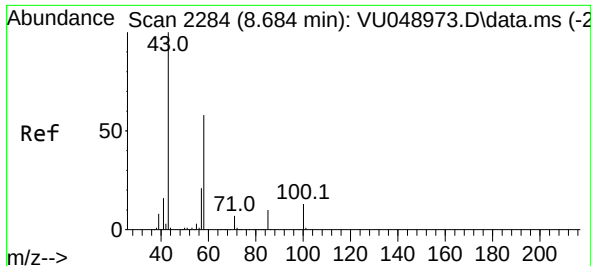


#46
Tetrachloroethene
Concen: 43.427 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048989.D
Acq: 09 Jun 2022 20:26

Tgt Ion: 164 Resp: 89697

Ion	Ratio	Lower	Upper
164	100		
129	96.0	64.3	119.3
131	97.4	64.5	119.7
166	127.7	87.5	162.5

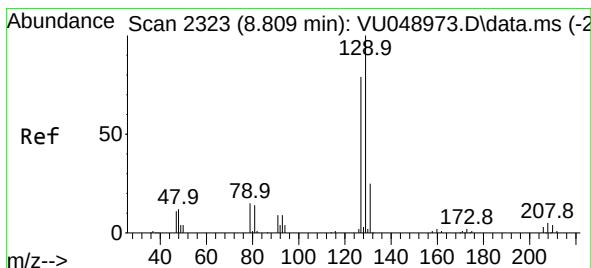
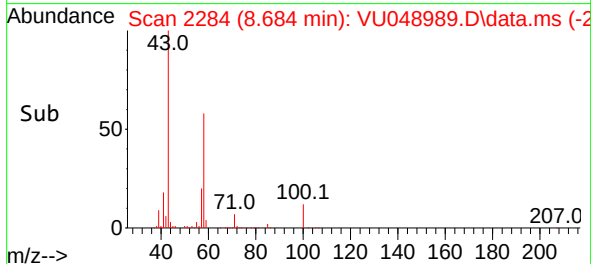
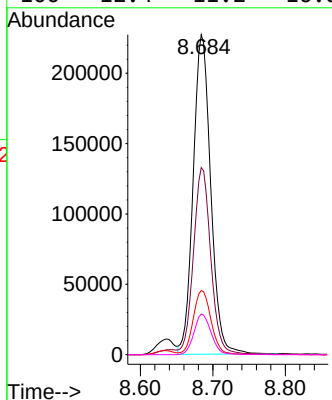
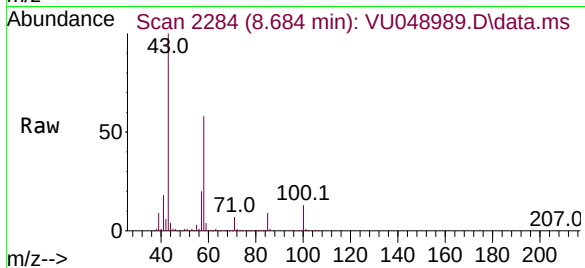




#48
2-Hexanone
Concen: 130.727 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048989.D
Acq: 09 Jun 2022 20:26

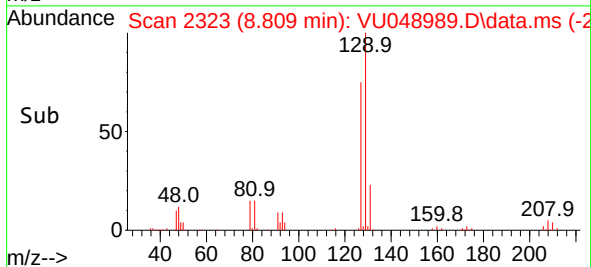
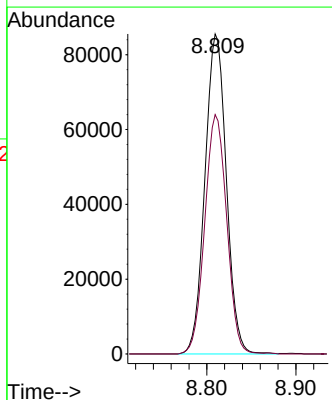
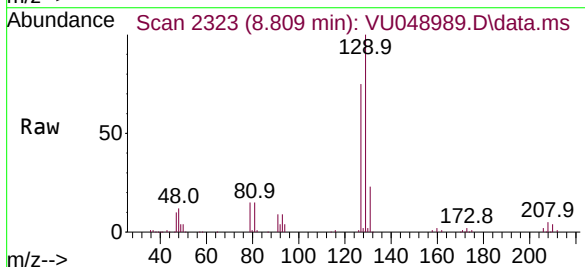
Instrument :
MSVOA_U
ClientSampleId :
VSTD050143

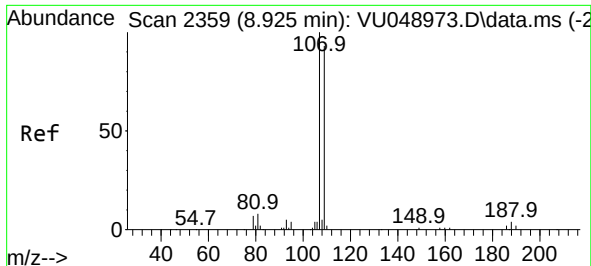
Tgt Ion:	43	Resp:	382374
Ion	Ratio	Lower	Upper
43	100		
58	57.1	45.8	68.6
57	20.3	16.8	25.2
100	12.4	11.2	16.8



#49
Dibromochloromethane
Concen: 46.321 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU048989.D
Acq: 09 Jun 2022 20:26

Tgt Ion:	129	Resp:	142666
Ion	Ratio	Lower	Upper
129	100		
127	74.8	53.1	98.5





#50

1,2-Dibromoethane

Concen: 48.836 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU048989.D

Acq: 09 Jun 2022 20:26

Instrument :

MSVOA_U

ClientSampleId :

VSTD050143

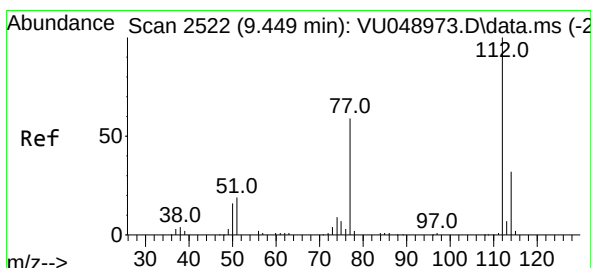
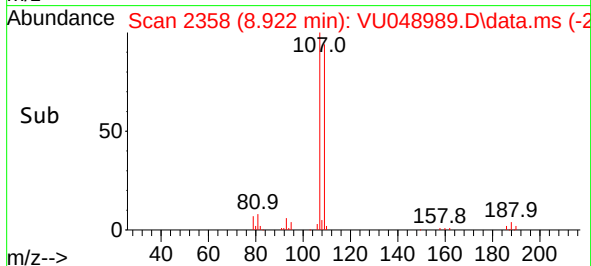
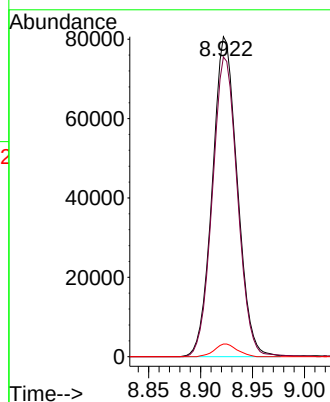
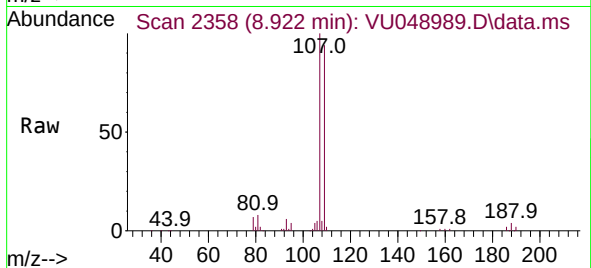
Tgt Ion:107 Resp: 135019

Ion Ratio Lower Upper

107 100

109 93.7 67.5 125.3

188 3.9 3.4 5.2



#51

Chlorobenzene

Concen: 48.144 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU048989.D

Acq: 09 Jun 2022 20:26

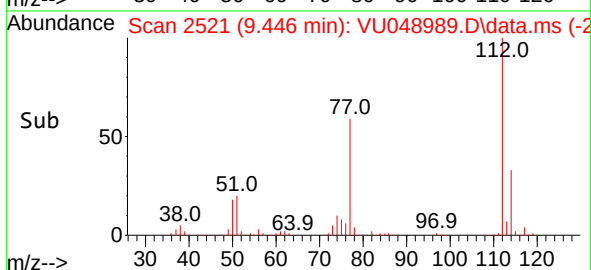
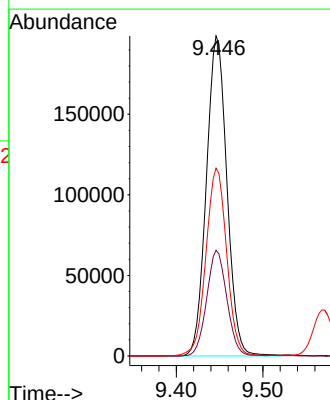
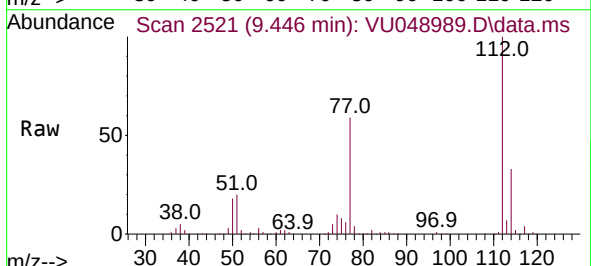
Tgt Ion:112 Resp: 327428

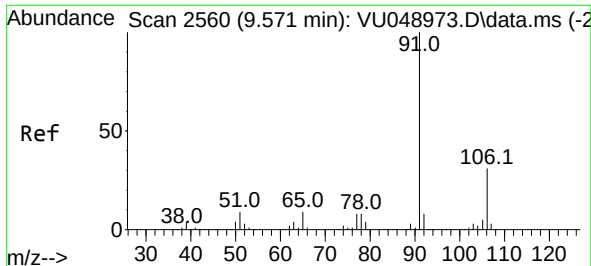
Ion Ratio Lower Upper

112 100

114 33.1 22.3 41.5

77 58.7 46.5 69.7

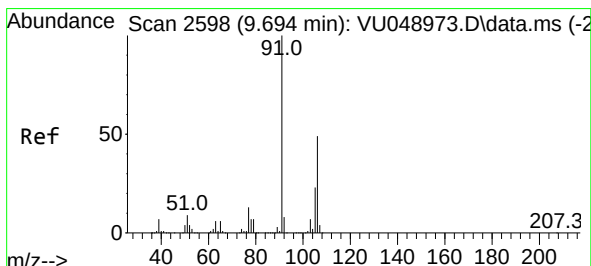
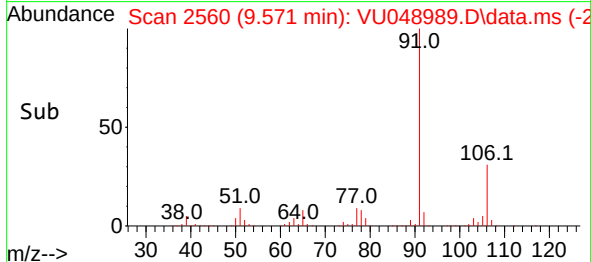
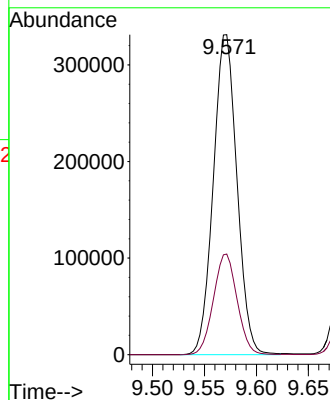
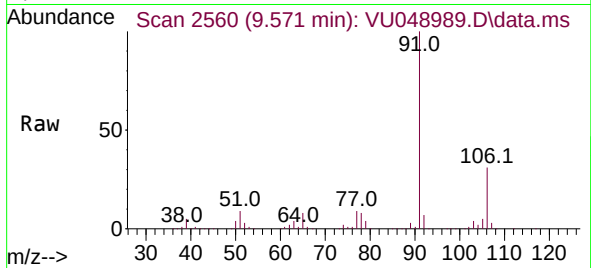




#52
Ethylbenzene
Concen: 47.017 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048989.D
Acq: 09 Jun 2022 20:26

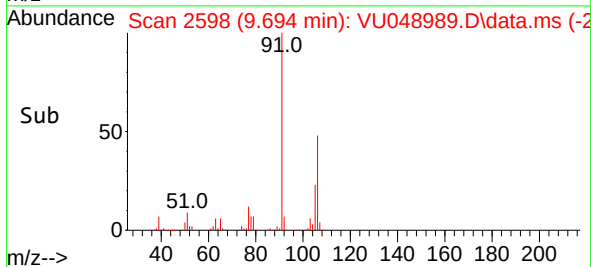
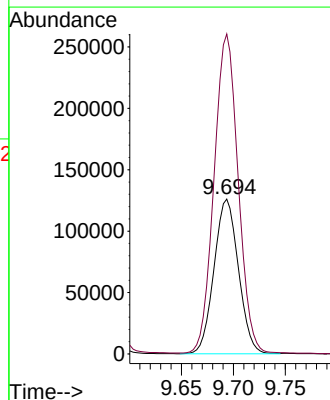
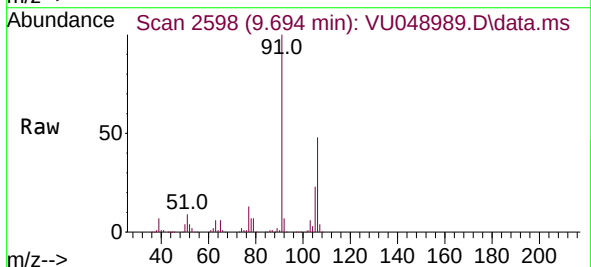
Instrument :
MSVOA_U
ClientSampleId :
VSTD050143

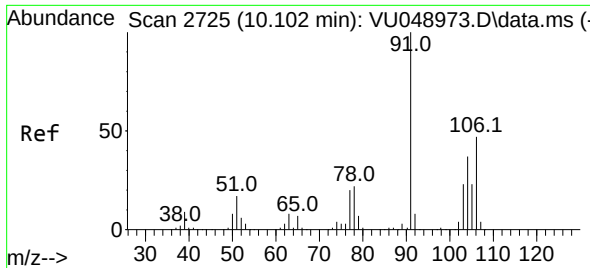
Tgt Ion: 91 Resp: 523940
Ion Ratio Lower Upper
91 100
106 31.5 21.8 40.6



#53
m,p-Xylene
Concen: 45.938 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU048989.D
Acq: 09 Jun 2022 20:26

Tgt Ion: 106 Resp: 205723
Ion Ratio Lower Upper
106 100
91 206.6 141.8 263.4

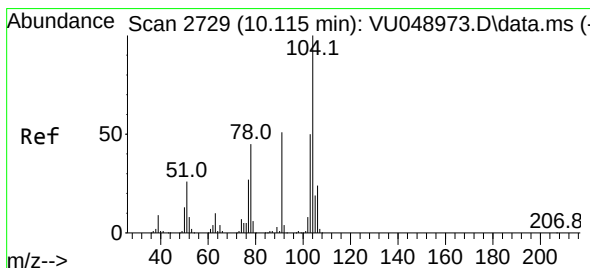
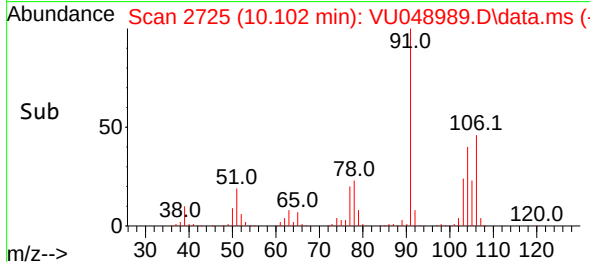
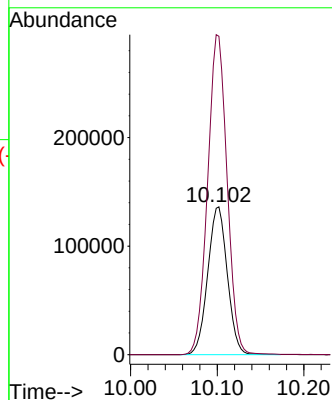
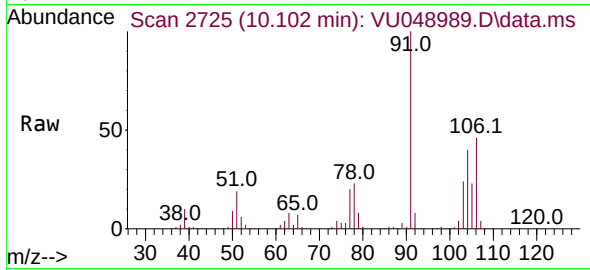




#54
o-Xylene
Concen: 49.916 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU048989.D
Acq: 09 Jun 2022 20:26

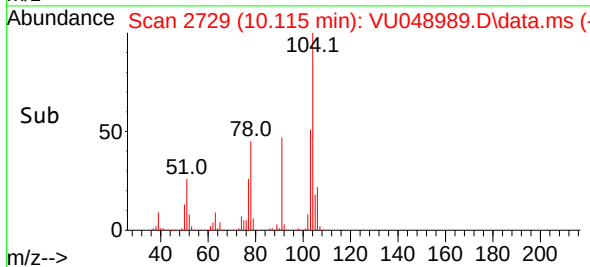
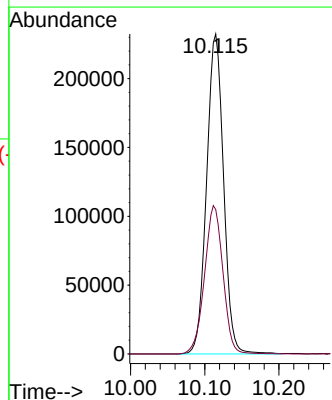
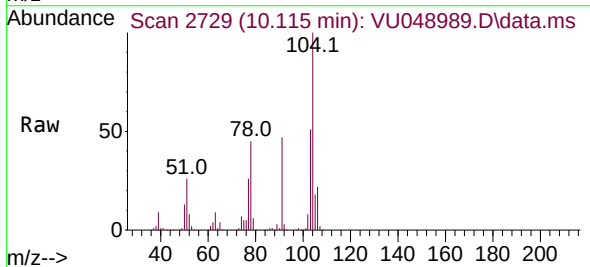
Instrument :
MSVOA_U
ClientSampleId :
VSTD050143

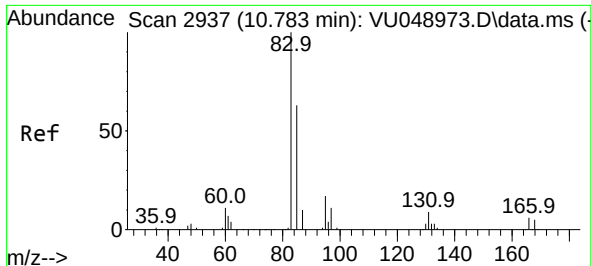
Tgt Ion:106 Resp: 214154
Ion Ratio Lower Upper
106 100
91 215.4 150.1 278.9



#55
Styrene
Concen: 49.401 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU048989.D
Acq: 09 Jun 2022 20:26

Tgt Ion:104 Resp: 368504
Ion Ratio Lower Upper
104 100
78 45.2 32.7 60.7

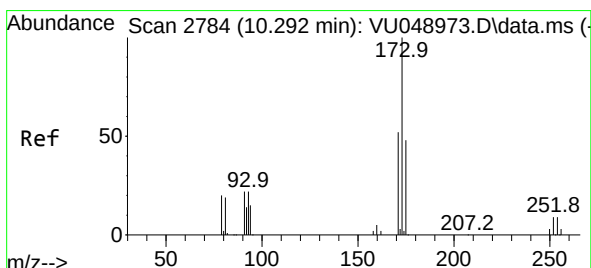
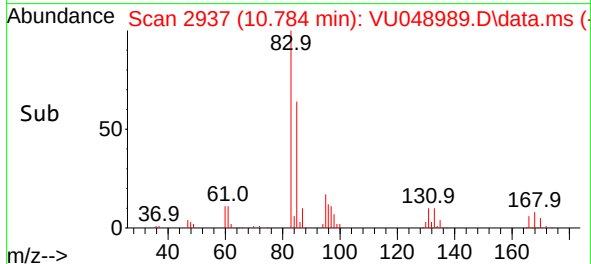
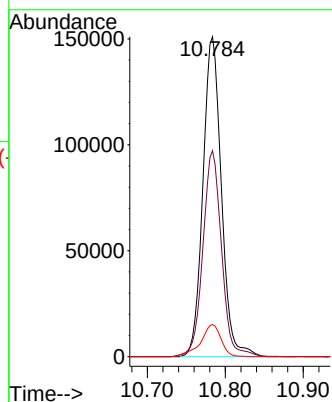
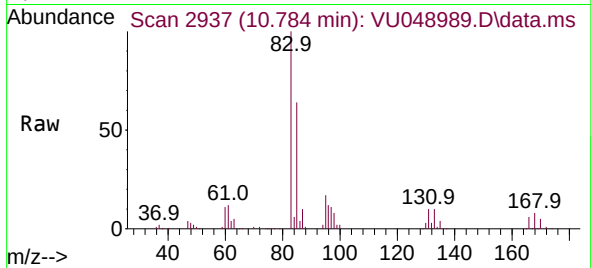




#57
1,1,2,2-Tetrachloroethane
Concen: 60.008 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU048989.D
Acq: 09 Jun 2022 20:26

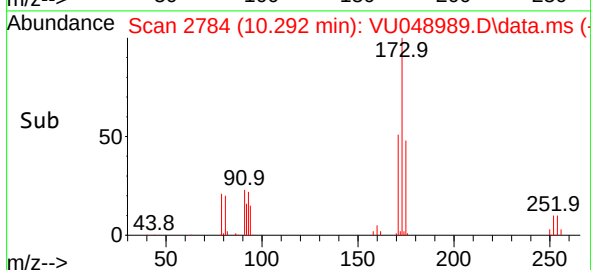
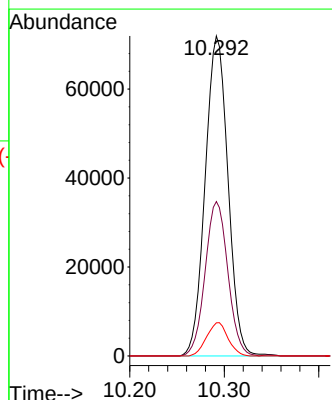
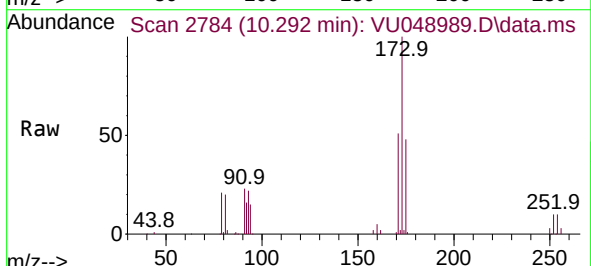
Instrument :
MSVOA_U
ClientSampleId :
VSTD050143

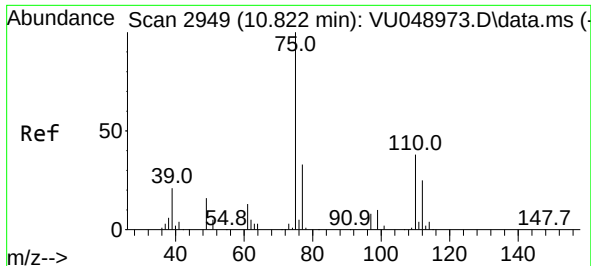
Tgt Ion: 83 Resp: 248452
Ion Ratio Lower Upper
83 100
85 64.4 44.1 81.9
131 10.0 8.9 13.3



#59
Bromoform
Concen: 50.579 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU048989.D
Acq: 09 Jun 2022 20:26

Tgt Ion:173 Resp: 120506
Ion Ratio Lower Upper
173 100
175 48.0 38.2 57.4
254 9.8 7.7 11.5

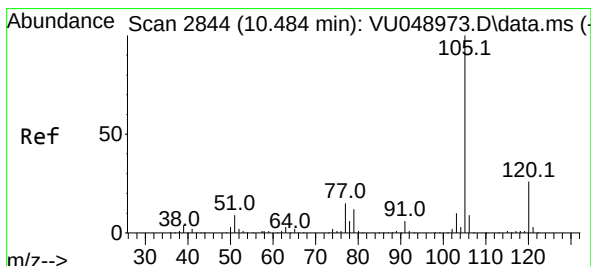
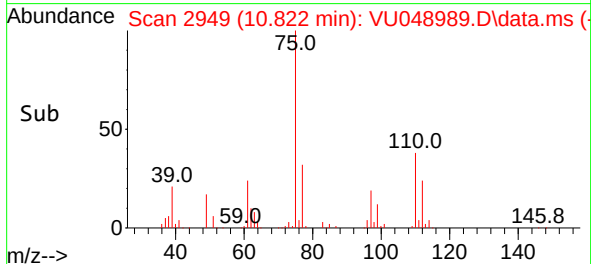
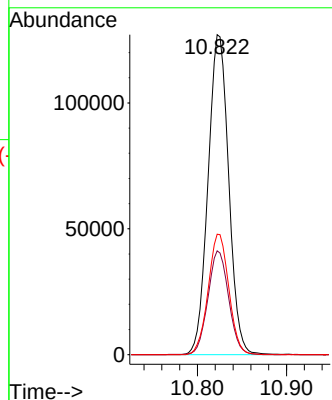
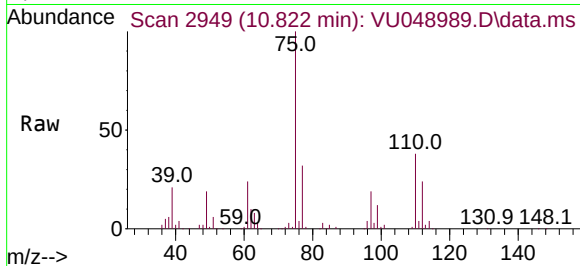




#60
1,2,3-Trichloropropane
Concen: 59.470 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU048989.D
Acq: 09 Jun 2022 20:26

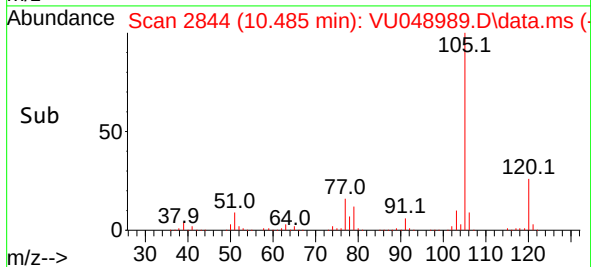
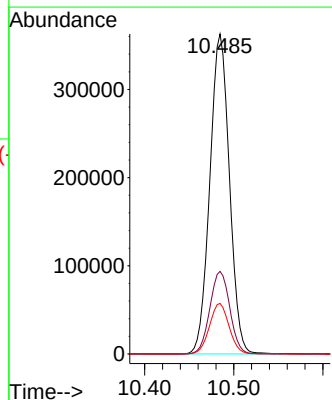
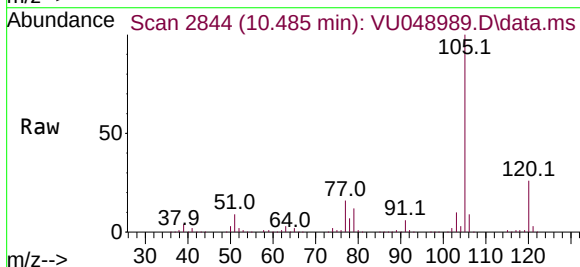
Instrument :
MSVOA_U
ClientSampleId :
VSTD050143

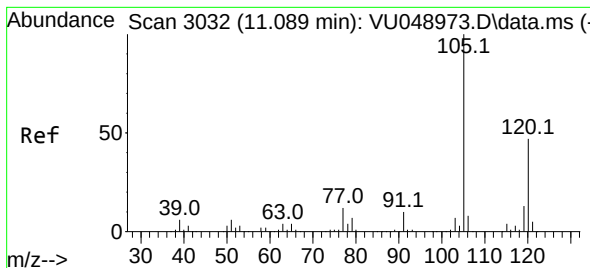
Tgt Ion: 75 Resp: 204424
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0
110 37.6 32.1 48.1



#61
Isopropylbenzene
Concen: 51.806 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048989.D
Acq: 09 Jun 2022 20:26

Tgt Ion: 105 Resp: 552996
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 15.8 12.5 18.7





#62

1,3,5-Trimethylbenzene

Concen: 51.250 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU048989.D

Acq: 09 Jun 2022 20:26

Instrument :

MSVOA_U

ClientSampleId :

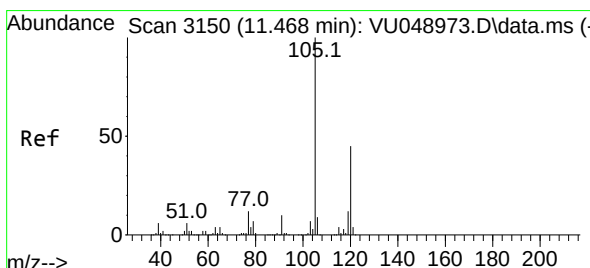
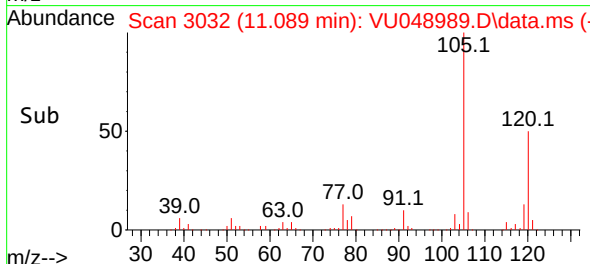
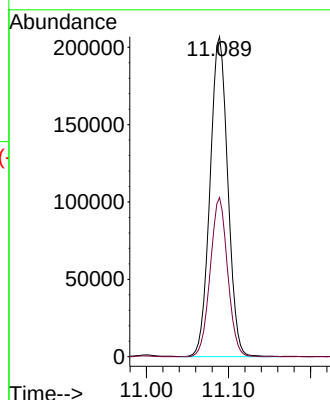
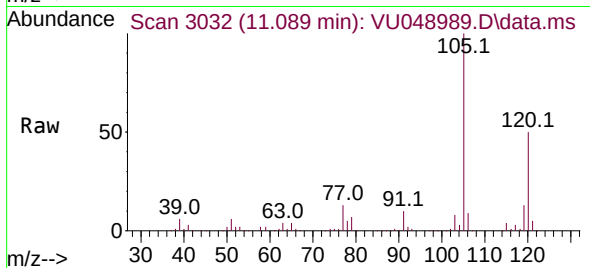
VSTD050143

Tgt Ion:105 Resp: 311013

Ion Ratio Lower Upper

105 100

120 48.6 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 51.590 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU048989.D

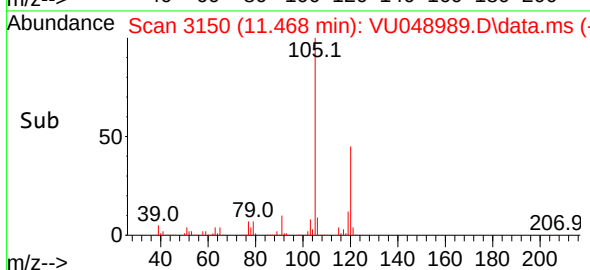
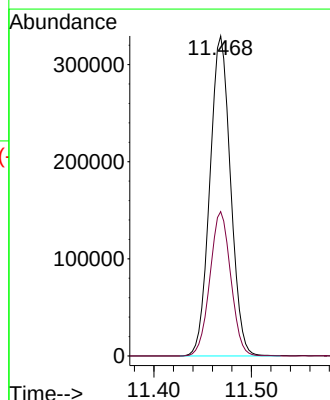
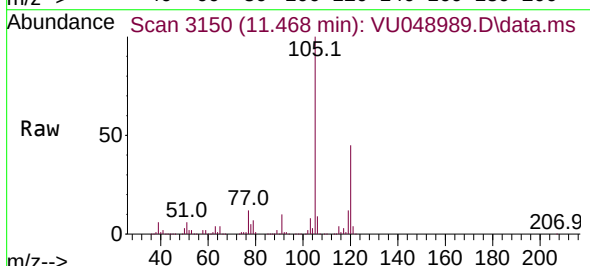
Acq: 09 Jun 2022 20:26

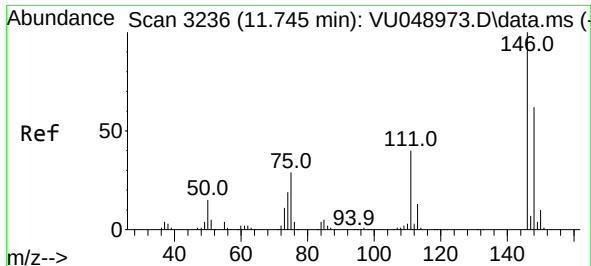
Tgt Ion:105 Resp: 486831

Ion Ratio Lower Upper

105 100

120 45.4 35.4 53.2

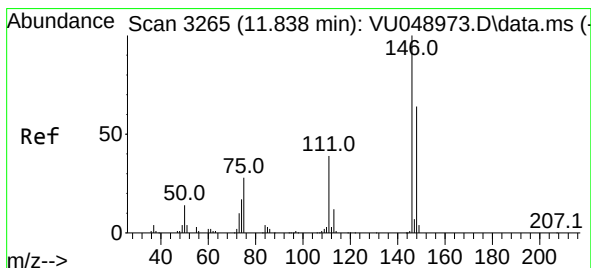
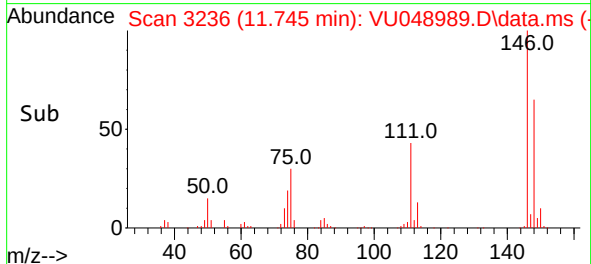
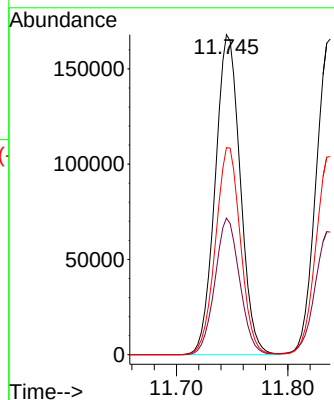
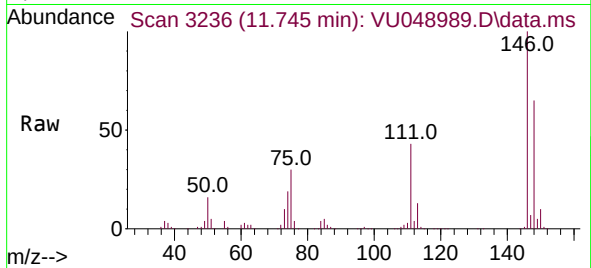




#64
1,3-Dichlorobenzene
Concen: 47.627 ug/L
RT: 11.745 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU048989.D
Acq: 09 Jun 2022 20:26

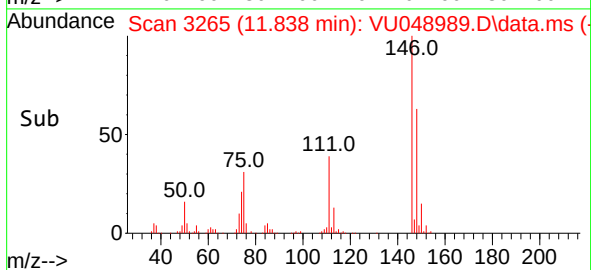
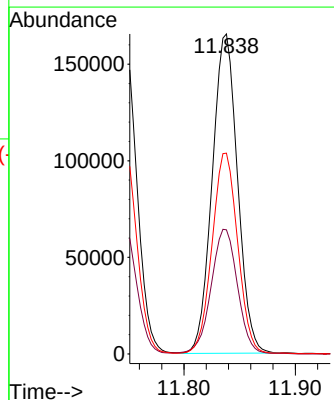
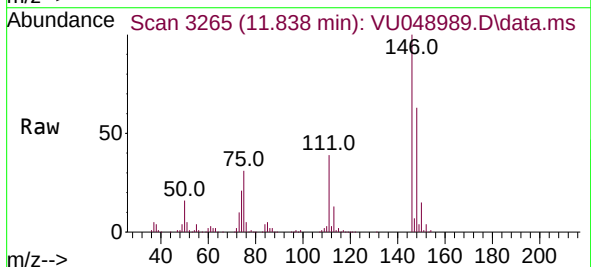
Instrument :
MSVOA_U
ClientSampleId :
VSTD050143

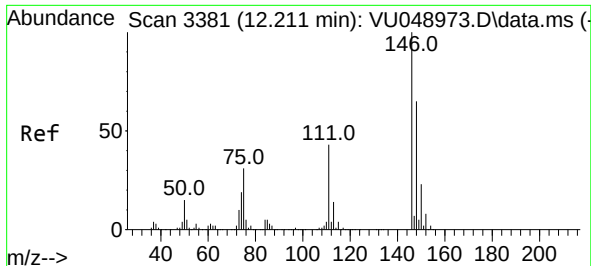
Tgt Ion:146 Resp: 262174
Ion Ratio Lower Upper
146 100
111 42.7 28.7 53.3
148 64.7 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 45.782 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048989.D
Acq: 09 Jun 2022 20:26

Tgt Ion:146 Resp: 261519
Ion Ratio Lower Upper
146 100
111 38.8 27.6 51.2
148 62.8 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 49.223 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU048989.D

Acq: 09 Jun 2022 20:26

Instrument :

MSVOA_U

ClientSampleId :

VSTD050143

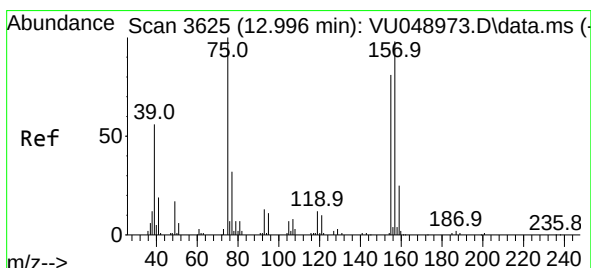
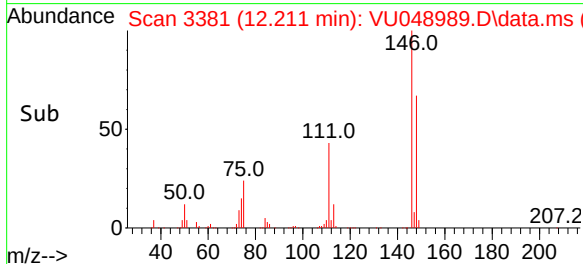
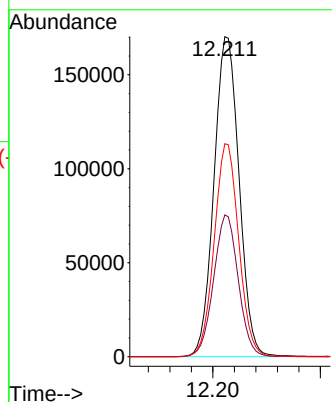
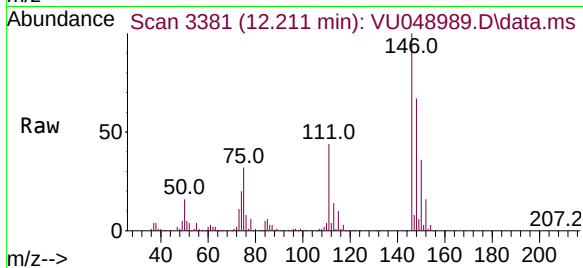
Tgt Ion:146 Resp: 275595

Ion Ratio Lower Upper

146 100

111 44.3 34.1 51.1

148 66.6 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 46.485 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU048989.D

Acq: 09 Jun 2022 20:26

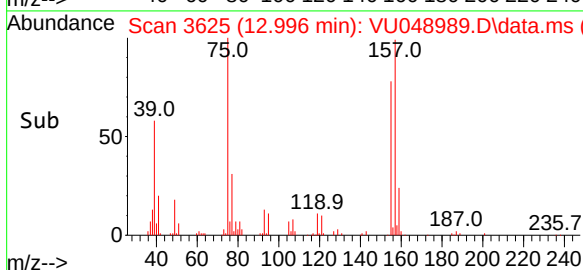
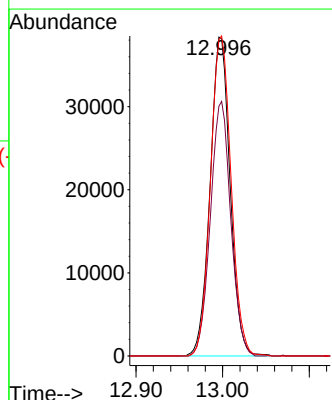
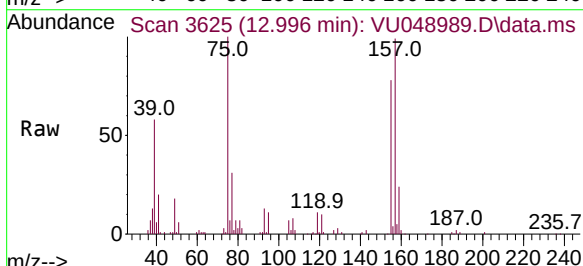
Tgt Ion: 75 Resp: 61780

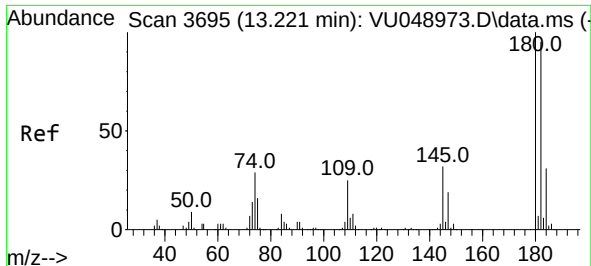
Ion Ratio Lower Upper

75 100

155 78.3 63.5 95.3

157 99.2 83.5 125.3

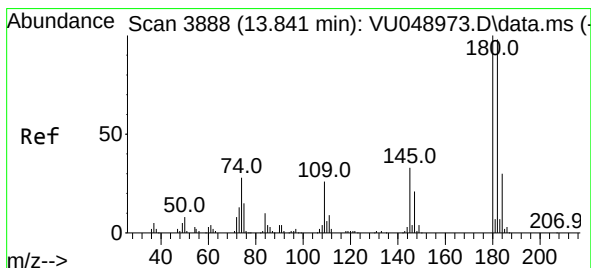
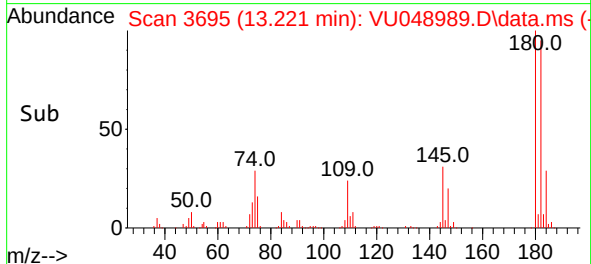
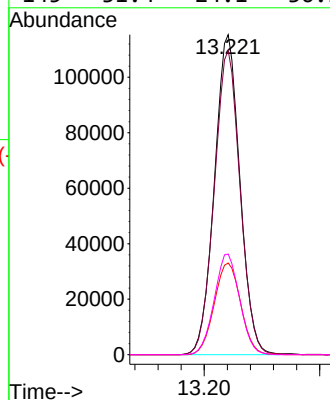
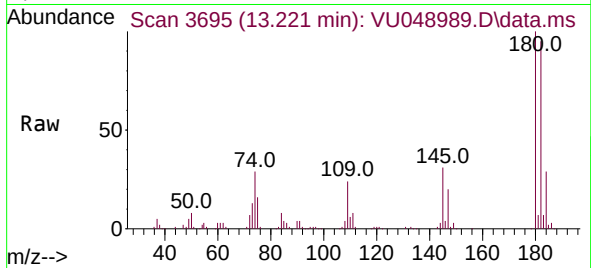




#69
1,3,5-Trichlorobenzene
Concen: 40.205 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. 0.000 min
Lab File: VU048989.D
Acq: 09 Jun 2022 20:26

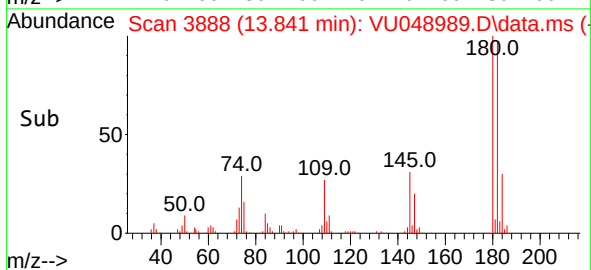
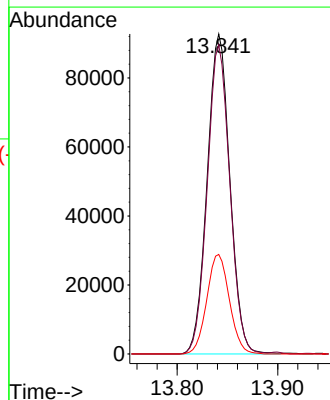
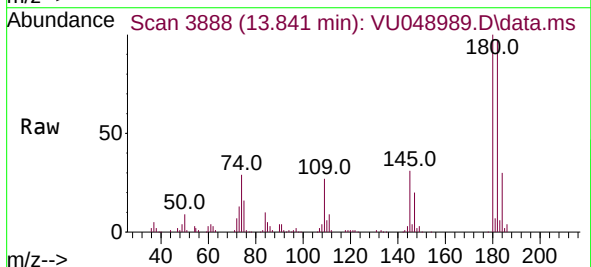
Instrument :
MSVOA_U
ClientSampleId :
VSTD050143

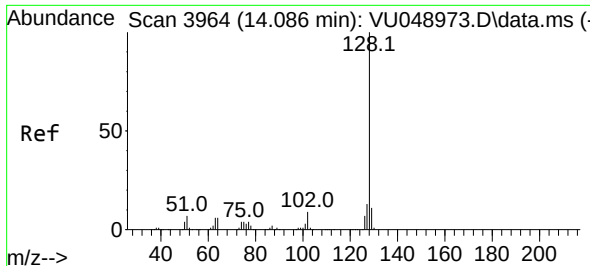
Tgt Ion:180 Resp: 176399
Ion Ratio Lower Upper
180 100
182 96.2 75.8 113.6
184 29.7 23.4 35.2
145 31.4 24.1 36.1



#70
1,2,4-trichlorobenzene
Concen: 36.806 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU048989.D
Acq: 09 Jun 2022 20:26

Tgt Ion:180 Resp: 146057
Ion Ratio Lower Upper
180 100
182 95.7 75.8 113.8
145 30.8 24.9 37.3

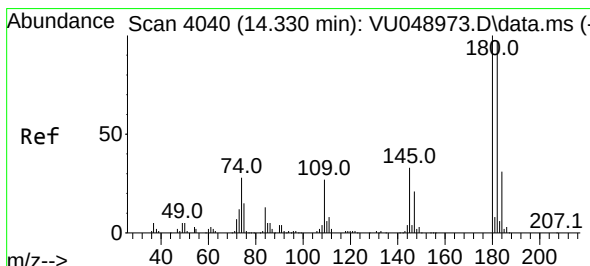
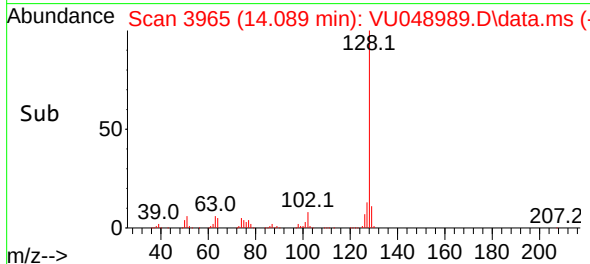
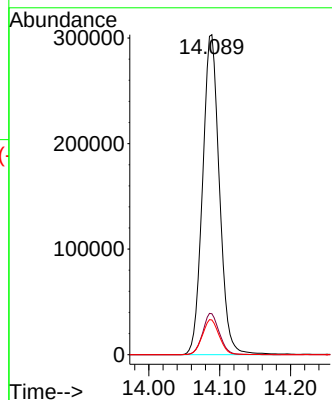
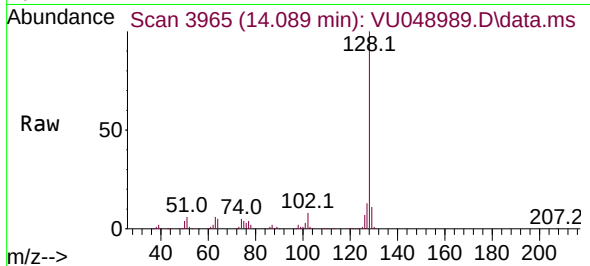




#71
Naphthalene
Concen: 38.187 ug/L
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU048989.D
Acq: 09 Jun 2022 20:26

Instrument :
MSVOA_U
ClientSampleId :
VSTD050143

Tgt Ion:128 Resp: 499664
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 11.0 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 39.771 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU048989.D
Acq: 09 Jun 2022 20:26

Tgt Ion:180 Resp: 158456
Ion Ratio Lower Upper
180 100
182 96.5 75.6 113.4
145 33.3 27.1 40.7

