

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U041822\
 Data File : U048127.D
 Acq On : 18 Apr 2022 17:34
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050087

Quant Time: Apr 19 03:41:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 19 03:36:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	352992	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	365118	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	213678	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	125053	48.853	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.700%
7) Chloroethane-d5	1.916	69	102452	50.759	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.520%
11) 1,1-Dichloroethene-d2	2.572	63	217938	46.535	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.060%
21) 2-Butanone-d5	4.623	46	194084	88.336	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.340%
24) Chloroform-d	5.067	84	232882	49.722	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.440%
26) 1,2-Dichloroethane-d4	5.703	65	136363	47.470	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.940%
32) Benzene-d6	5.729	84	458990	49.959	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.920%
36) 1,2-Dichloropropane-d6	6.690	67	146005	51.747	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.500%
41) Toluene-d8	7.899	98	379055	42.347	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.700%
43) trans-1,3-Dichloroprop...	8.179	79	58756	41.104	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.200%
47) 2-Hexanone-d5	8.632	63	136015	82.347	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.350%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	230432	47.588	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.180%
66) 1,2-Dichlorobenzene-d4	12.192	152	178553	46.969	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	143865	43.961	ug/L	99
3) Chloromethane	1.523	50	143631	45.893	ug/L	100
5) Vinyl chloride	1.607	62	157919	49.475	ug/L	86
6) Bromomethane	1.858	94	50905	29.630	ug/L	98
8) Chloroethane	1.935	64	100067	49.940	ug/L	98
9) Trichlorofluoromethane	2.141	101	209182	46.474	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	133533	51.324	ug/L	99
12) 1,1-Dichloroethene	2.584	96	122207	50.470	ug/L	82
13) Acetone	2.629	43	147056	71.924	ug/L	99
14) Carbon disulfide	2.797	76	303900	39.706	ug/L	100
15) Methyl Acetate	2.948	43	167829	51.476	ug/L	98
16) Methylene chloride	3.051	84	151186	54.411	ug/L	99
17) trans-1,2-Dichloroethene	3.356	96	130299	49.891	ug/L	95
18) Methyl tert-butyl Ether	3.366	73	401678	54.515	ug/L	98
19) 1,1-Dichloroethane	3.874	63	251038	55.733	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	152431	53.238	ug/L	98
22) 2-Butanone	4.703	43	239528	90.943	ug/L	97
23) Bromochloromethane	4.977	128	85927	54.660	ug/L	99
25) Chloroform	5.092	83	267049	55.068	ug/L	99

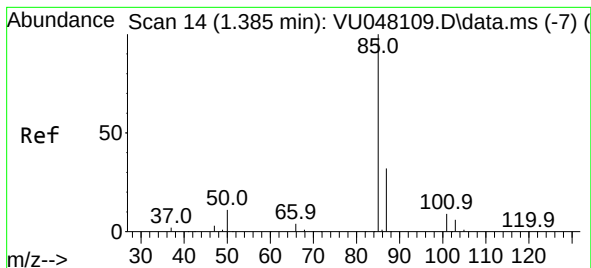
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041822\
 Data File : VU048127.D
 Acq On : 18 Apr 2022 17:34
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050087

Quant Time: Apr 19 03:41:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 19 03:36:43 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	197698	52.767	ug/L	97
29) Cyclohexane	5.391	56	180288	48.662	ug/L	97
30) 1,1,1-Trichloroethane	5.317	97	218281	52.724	ug/L	100
31) Carbon tetrachloride	5.526	117	187573	50.174	ug/L	100
33) Benzene	5.777	78	575091	54.416	ug/L	100
34) Trichloroethene	6.542	95	144398	52.115	ug/L	99
35) Methylcyclohexane	6.764	83	197930	46.957	ug/L	97
37) 1,2-Dichloropropane	6.793	63	157470	58.612	ug/L	99
38) Bromodichloromethane	7.105	83	200017	54.214	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	219078	52.553	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	383672	90.356	ug/L	98
42) Toluene	7.970	91	556604	47.999	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	197052	47.343	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	144219	50.614	ug/L	99
46) Tetrachloroethene	8.555	164	114978	46.178	ug/L	99
48) 2-Hexanone	8.684	43	344667	94.364	ug/L	99
49) Dibromochloromethane	8.809	129	171193	51.873	ug/L	100
50) 1,2-Dibromoethane	8.925	107	163978	51.333	ug/L	98
51) Chlorobenzene	9.446	112	415048	52.714	ug/L	97
52) Ethylbenzene	9.571	91	631610	51.801	ug/L	99
53) m,p-Xylene	9.693	106	256389	53.590	ug/L	99
54) o-Xylene	10.102	106	247235	52.653	ug/L	100
55) Styrene	10.115	104	430289	53.673	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	286115	53.561	ug/L	98
59) Bromoform	10.291	173	142303	52.081	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	216585	53.767	ug/L	99
61) Isopropylbenzene	10.484	105	625029	54.123	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	323702	51.662	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	506042	53.169	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	338927	52.803	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	341559	51.374	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	338563	52.715	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	60808	47.126	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	257493	49.395	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	229924	50.355	ug/L	99
71) Naphthalene	14.086	128	689885	50.678	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	246379	53.826	ug/L	98

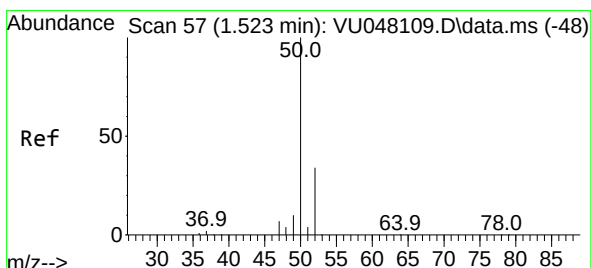
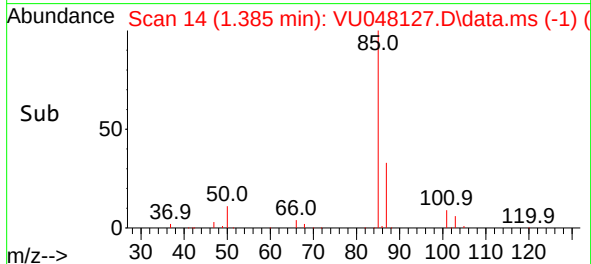
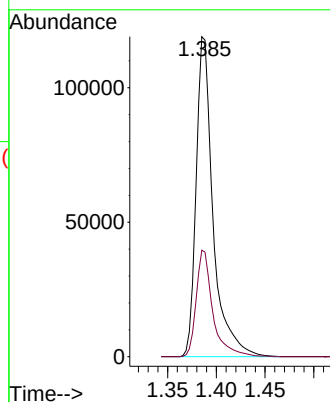
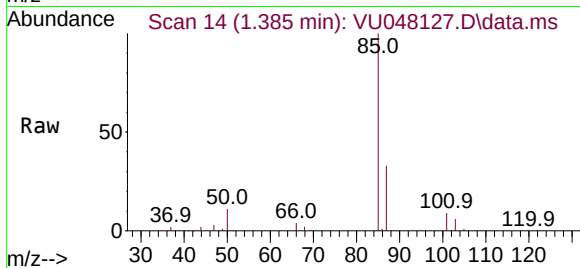
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 43.961 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU048127.D
Acq: 18 Apr 2022 17:34

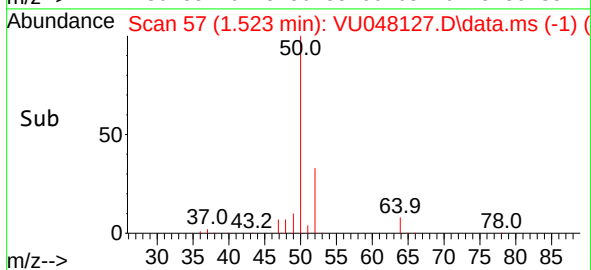
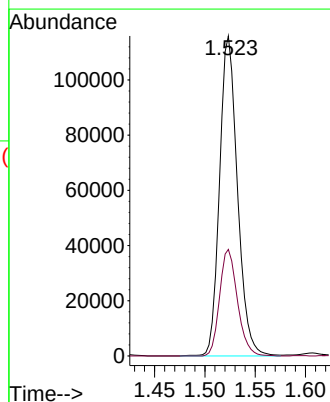
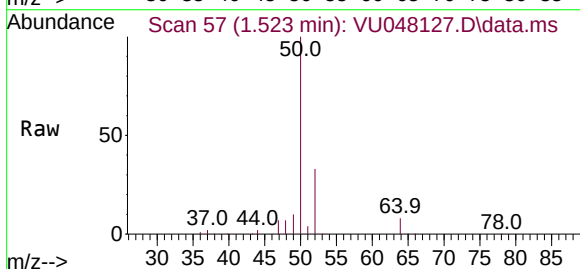
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

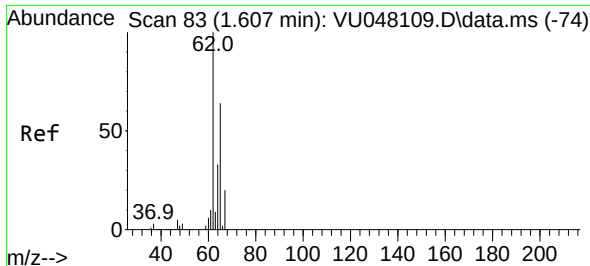
Tgt Ion: 85 Resp: 143865
Ion Ratio Lower Upper
85 100
87 32.7 25.8 38.8



#3
Chloromethane
Concen: 45.893 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU048127.D
Acq: 18 Apr 2022 17:34

Tgt Ion: 50 Resp: 143631
Ion Ratio Lower Upper
50 100
52 33.3 23.2 43.2

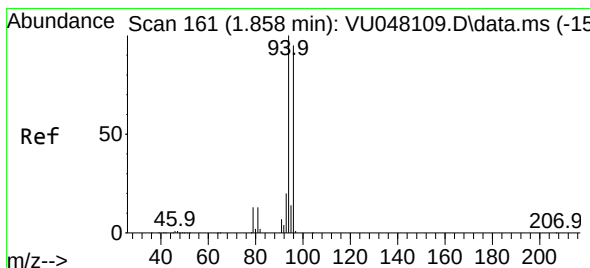
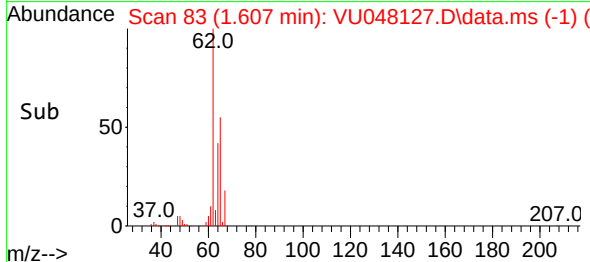
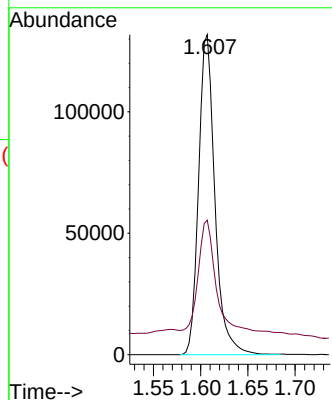
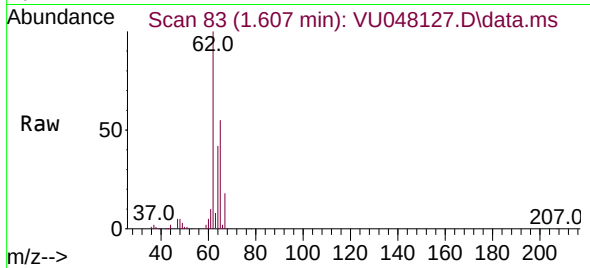




#5
 Vinyl chloride
 Concen: 49.475 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU048127.D
 Acq: 18 Apr 2022 17:34

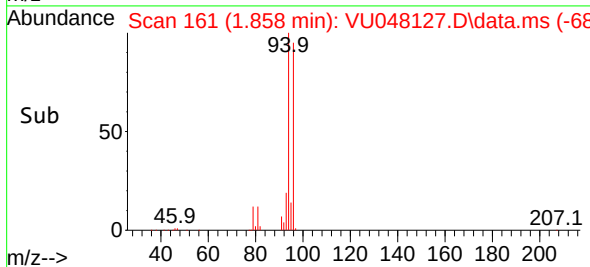
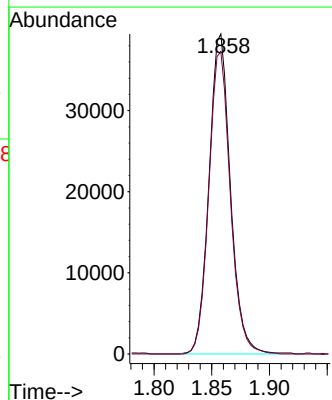
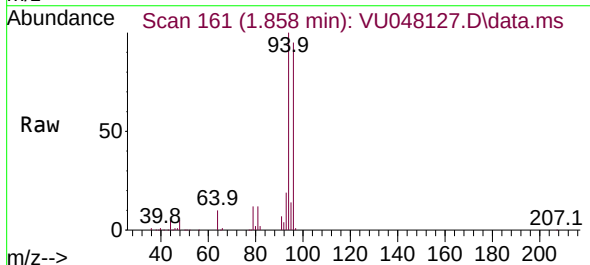
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050087

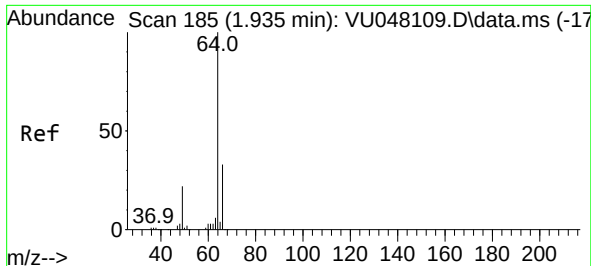
Tgt Ion: 62 Resp: 157919
 Ion Ratio Lower Upper
 62 100
 64 42.0 23.7 43.9



#6
 Bromomethane
 Concen: 29.630 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU048127.D
 Acq: 18 Apr 2022 17:34

Tgt Ion: 94 Resp: 50905
 Ion Ratio Lower Upper
 94 100
 96 94.5 64.8 120.3

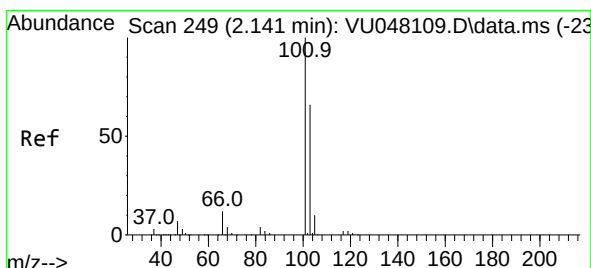
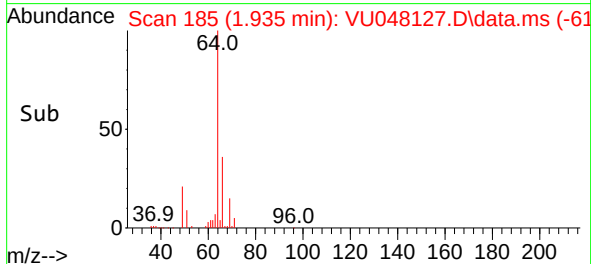
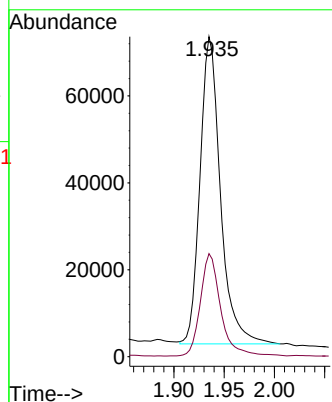
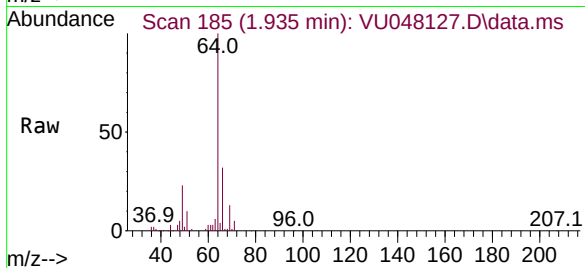




#8
Chloroethane
Concen: 49.940 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU048127.D
Acq: 18 Apr 2022 17:34

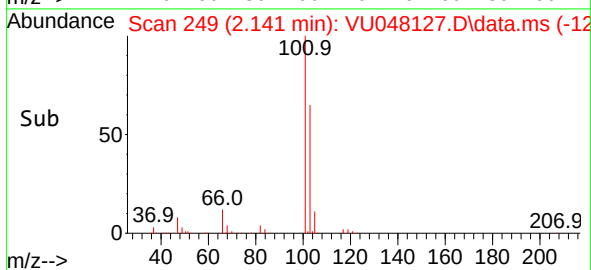
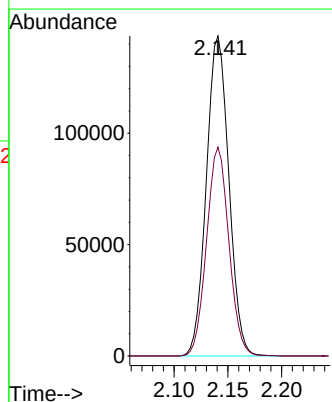
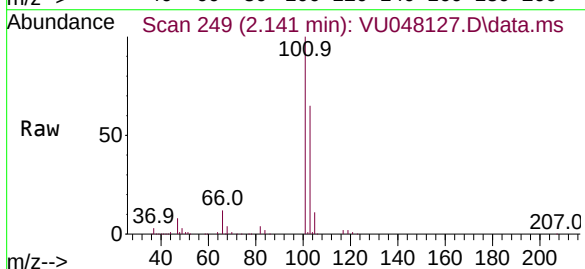
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

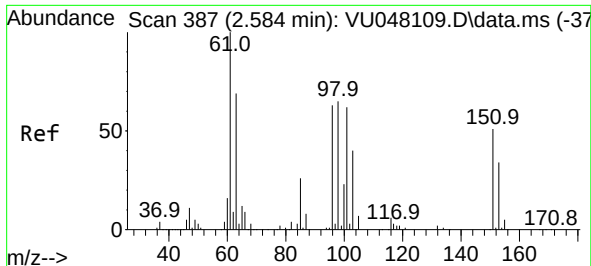
Tgt Ion: 64 Resp: 100067
Ion Ratio Lower Upper
64 100
66 32.2 23.3 43.3



#9
Trichlorofluoromethane
Concen: 46.474 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU048127.D
Acq: 18 Apr 2022 17:34

Tgt Ion:101 Resp: 209182
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.2

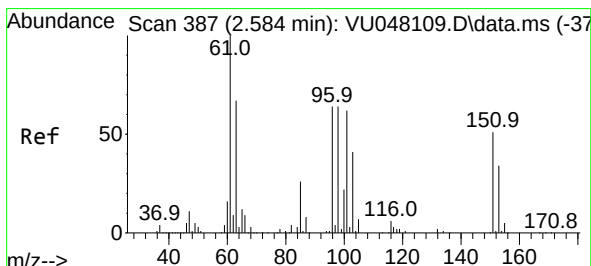
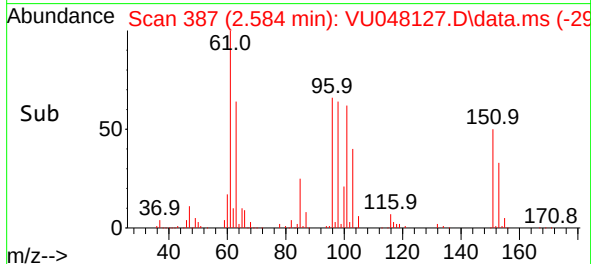
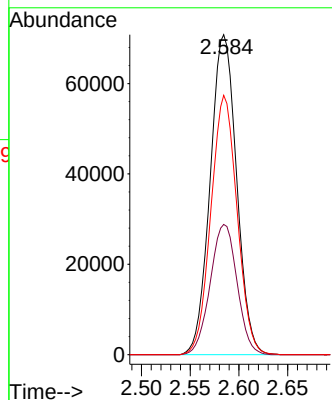
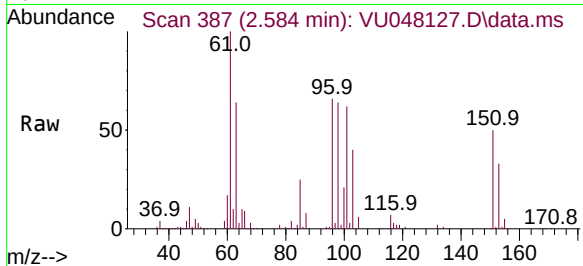




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.324 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VU048127.D
 Acq: 18 Apr 2022 17:34

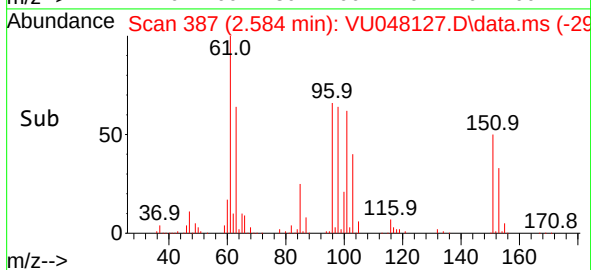
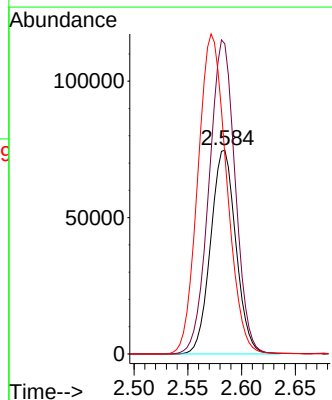
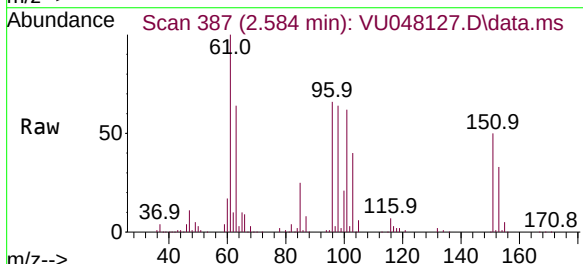
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050087

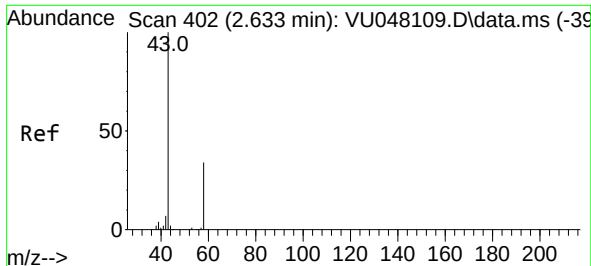
Tgt Ion:101 Resp: 133533
 Ion Ratio Lower Upper
 101 100
 85 41.4 32.8 49.2
 151 80.4 63.0 94.6



#12
 1,1-Dichloroethene
 Concen: 50.470 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VU048127.D
 Acq: 18 Apr 2022 17:34

Tgt Ion: 96 Resp: 122207
 Ion Ratio Lower Upper
 96 100
 61 152.1 113.1 210.1
 63 97.6 94.8 176.0





#13

Acetone

Concen: 71.924 ug/L

RT: 2.629 min Scan# 401

Delta R.T. -0.003 min

Lab File: VU048127.D

Acq: 18 Apr 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

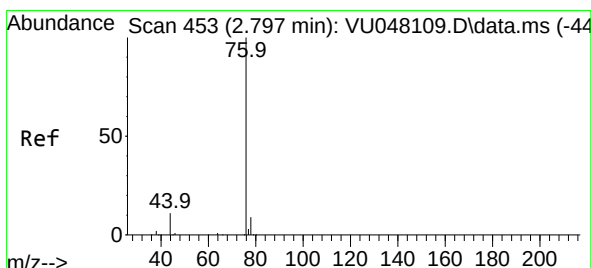
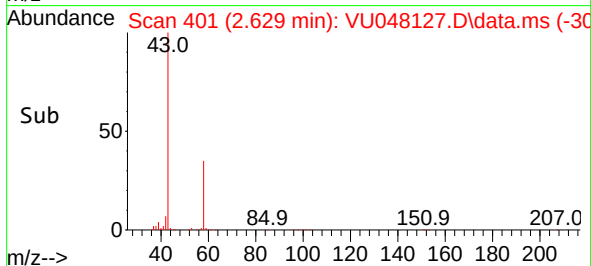
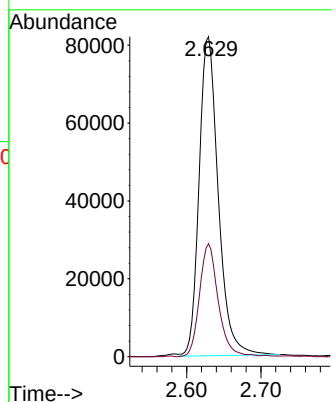
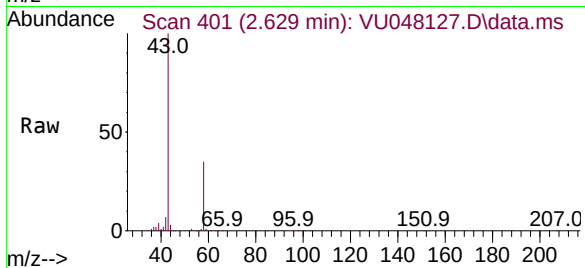
VSTD050087

Tgt Ion: 43 Resp: 147056

Ion Ratio Lower Upper

43 100

58 34.3 0.0 70.0



#14

Carbon disulfide

Concen: 39.706 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.000 min

Lab File: VU048127.D

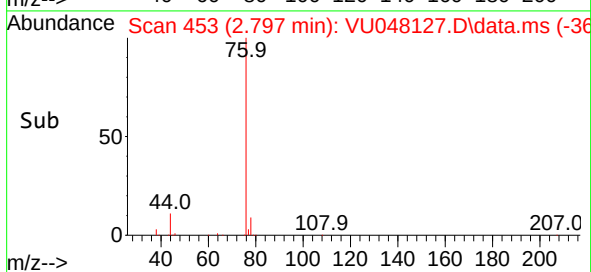
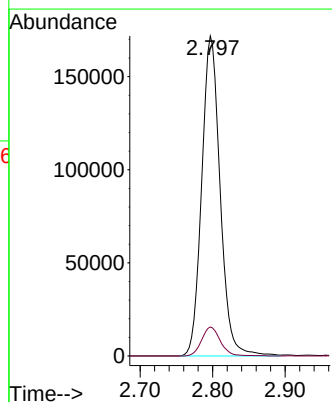
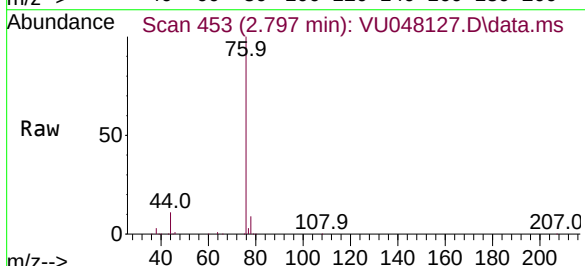
Acq: 18 Apr 2022 17:34

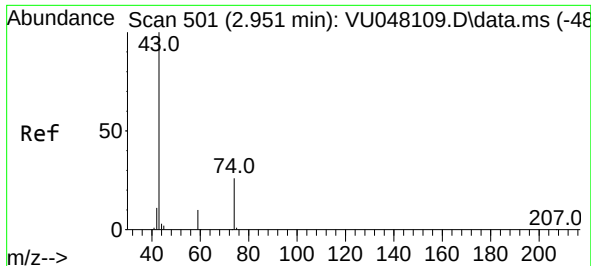
Tgt Ion: 76 Resp: 303900

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

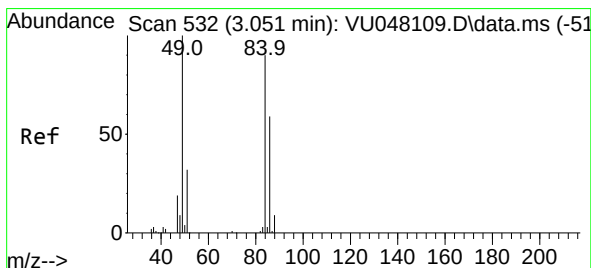
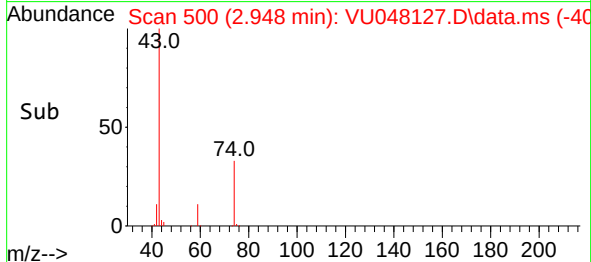
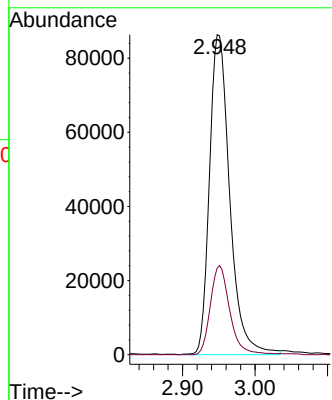
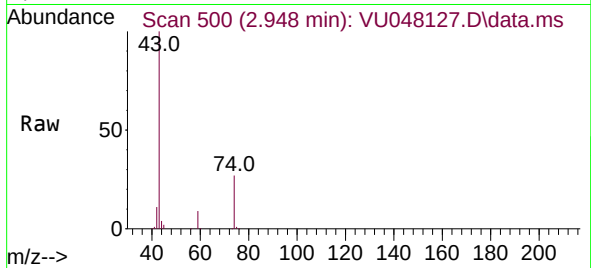




#15
Methyl Acetate
Concen: 51.476 ug/L
RT: 2.948 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU048127.D
Acq: 18 Apr 2022 17:34

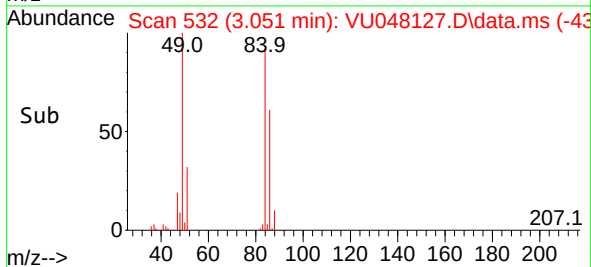
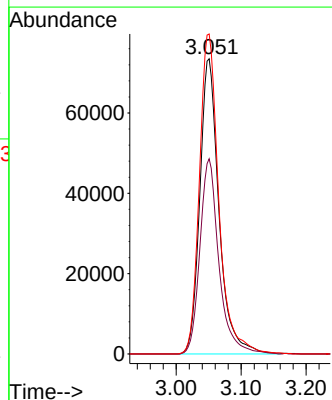
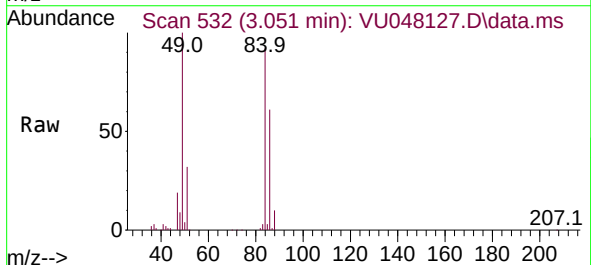
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

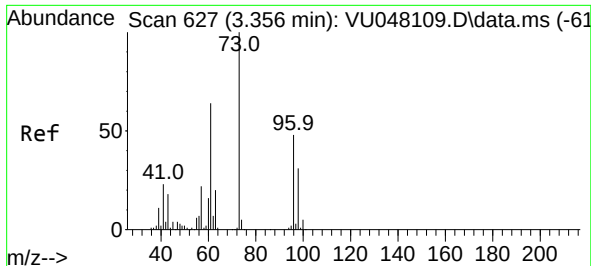
Tgt Ion: 43 Resp: 167829
Ion Ratio Lower Upper
43 100
74 26.5 22.2 33.2



#16
Methylene chloride
Concen: 54.411 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU048127.D
Acq: 18 Apr 2022 17:34

Tgt Ion: 84 Resp: 151186
Ion Ratio Lower Upper
84 100
86 66.1 46.0 85.4
49 108.4 75.3 139.8

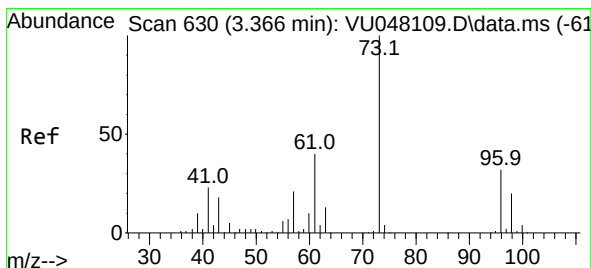
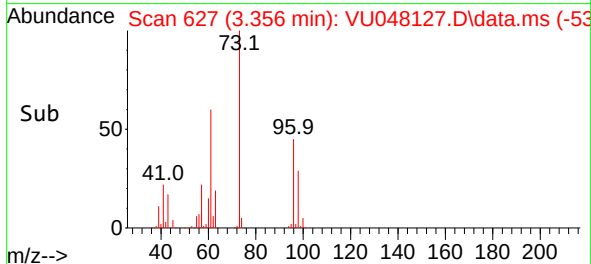
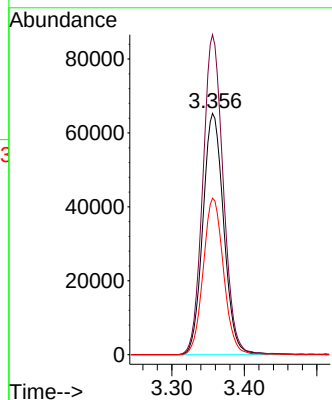
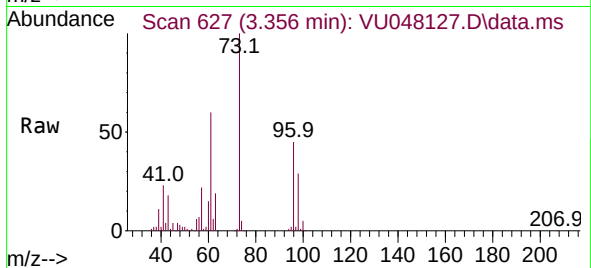




#17
trans-1,2-Dichloroethene
Concen: 49.891 ug/L
RT: 3.356 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU048127.D
Acq: 18 Apr 2022 17:34

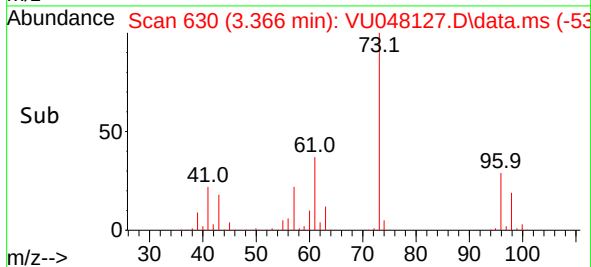
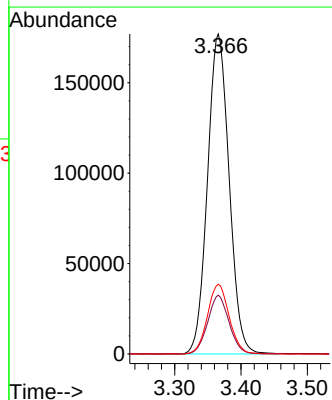
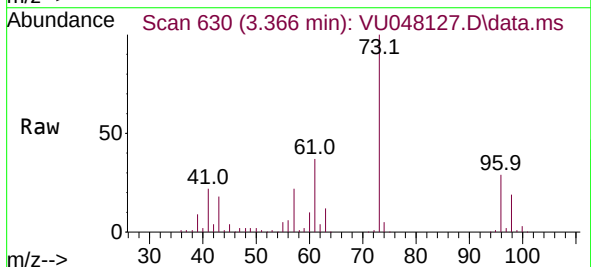
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

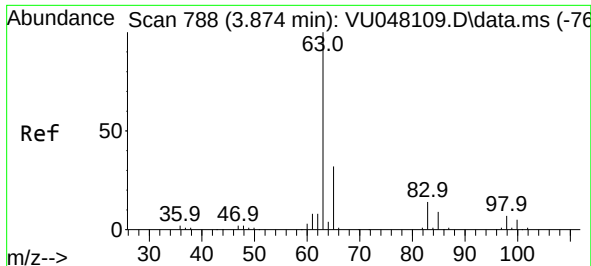
Tgt Ion: 96 Resp: 130299
Ion Ratio Lower Upper
96 100
61 132.6 88.4 164.2
98 64.9 43.3 80.5



#18
Methyl tert-butyl Ether
Concen: 54.515 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU048127.D
Acq: 18 Apr 2022 17:34

Tgt Ion: 73 Resp: 401678
Ion Ratio Lower Upper
73 100
43 18.1 15.3 22.9
57 21.8 17.0 25.6





#19

1,1-Dichloroethane

Concen: 55.733 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.000 min

Lab File: VU048127.D

Acq: 18 Apr 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD050087

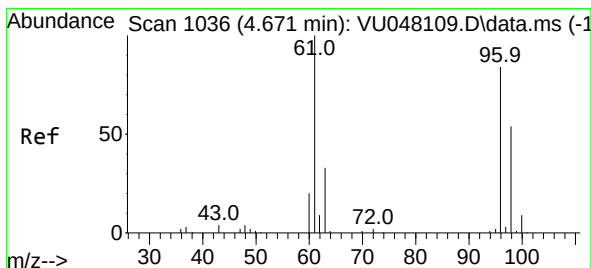
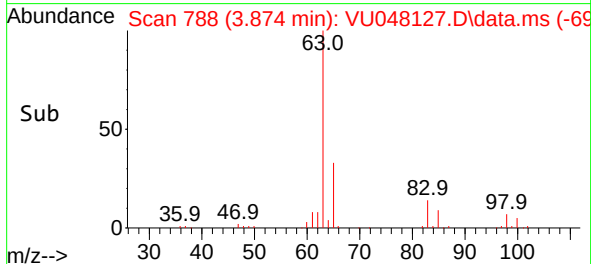
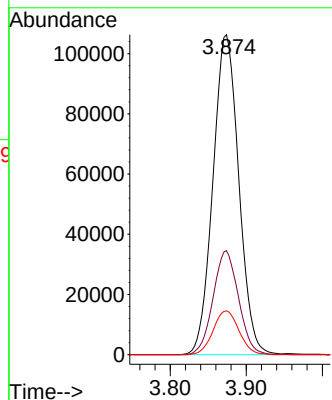
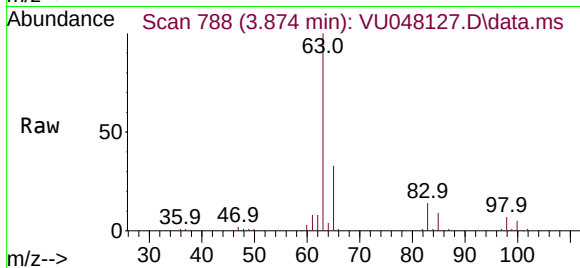
Tgt Ion: 63 Resp: 251038

Ion Ratio Lower Upper

63 100

65 32.5 22.0 41.0

83 13.7 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 53.238 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU048127.D

Acq: 18 Apr 2022 17:34

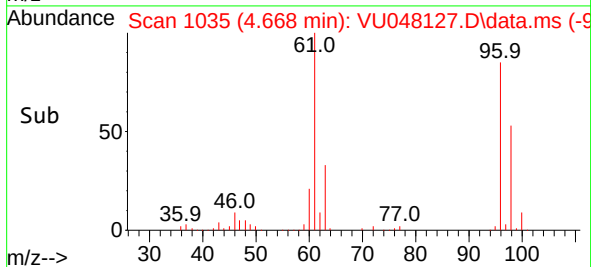
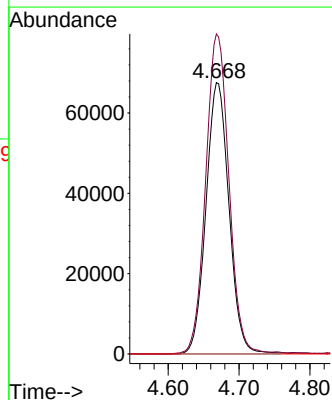
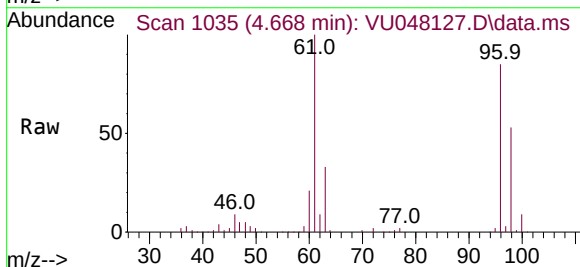
Tgt Ion: 96 Resp: 152431

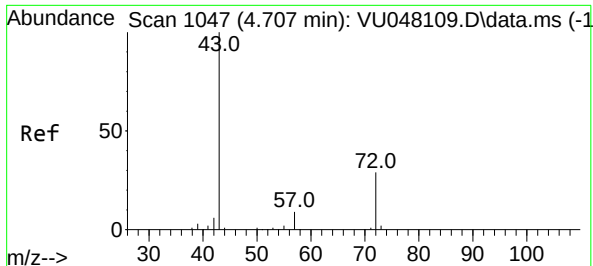
Ion Ratio Lower Upper

96 100

61 117.9 80.7 149.9

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 90.943 ug/L

RT: 4.703 min Scan# 1104

Delta R.T. -0.003 min

Lab File: VU048127.D

Acq: 18 Apr 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

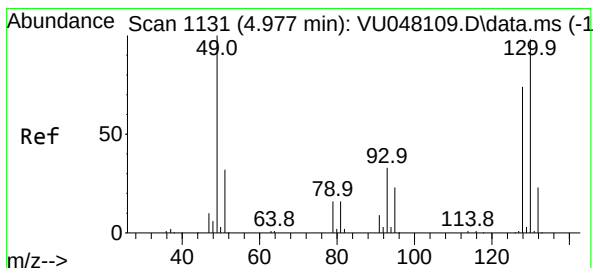
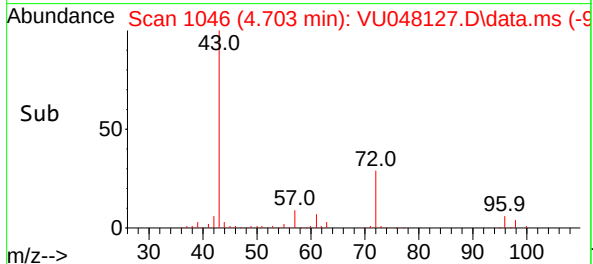
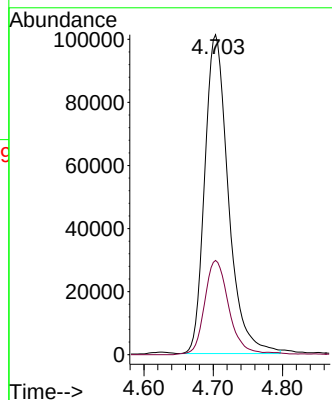
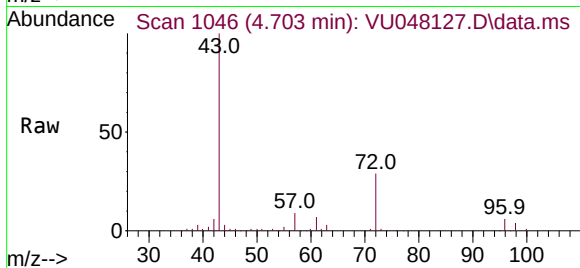
VSTD050087

Tgt Ion: 43 Resp: 239528

Ion Ratio Lower Upper

43 100

72 30.2 16.0 47.9



#23

Bromochloromethane

Concen: 54.660 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VU048127.D

Acq: 18 Apr 2022 17:34

Tgt Ion:128 Resp: 85927

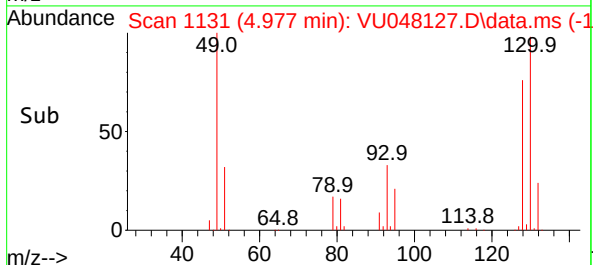
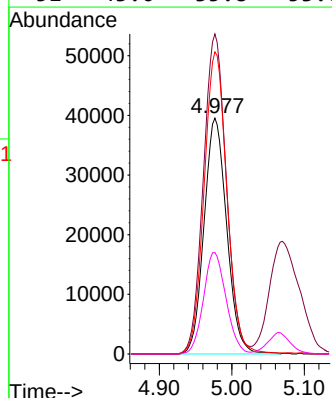
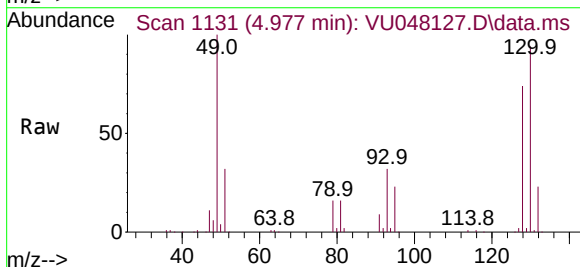
Ion Ratio Lower Upper

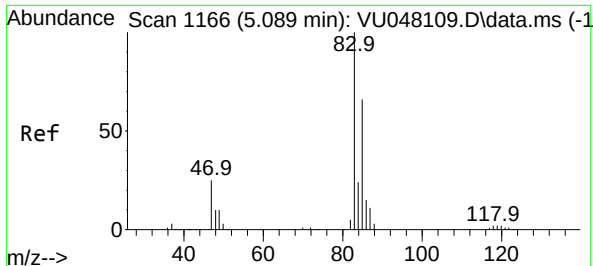
128 100

49 135.7 94.1 174.8

130 128.1 90.2 167.4

51 43.0 35.8 53.6





#25

Chloroform

Concen: 55.068 ug/L

RT: 5.092 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VU048127.D

Acq: 18 Apr 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

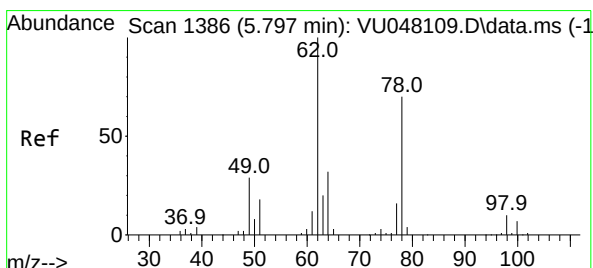
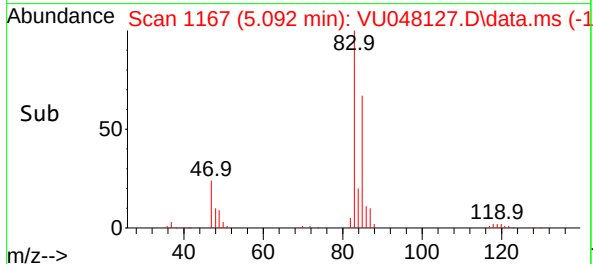
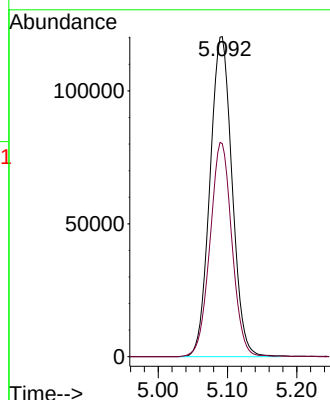
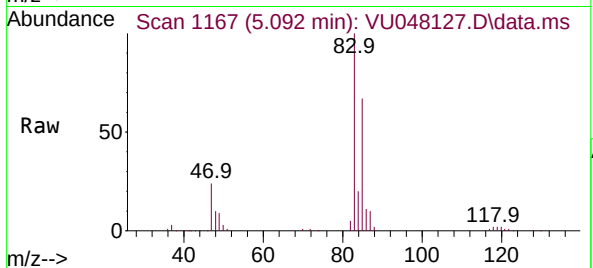
VSTD050087

Tgt Ion: 83 Resp: 267049

Ion Ratio Lower Upper

83 100

85 66.6 46.2 85.8



#27

1,2-Dichloroethane

Concen: 52.767 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU048127.D

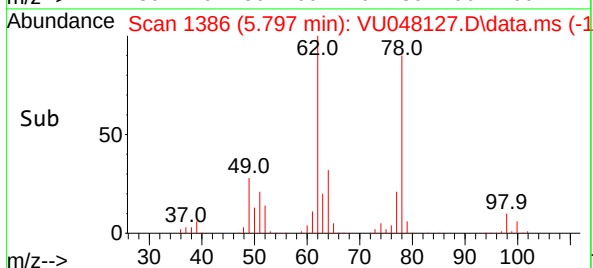
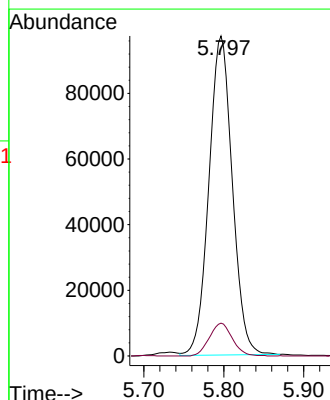
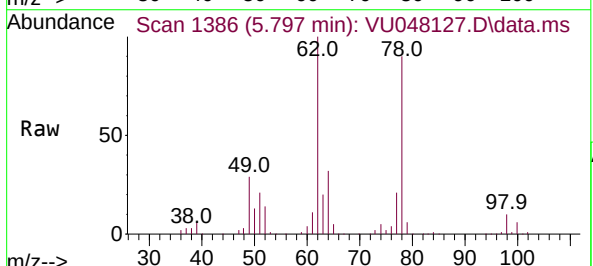
Acq: 18 Apr 2022 17:34

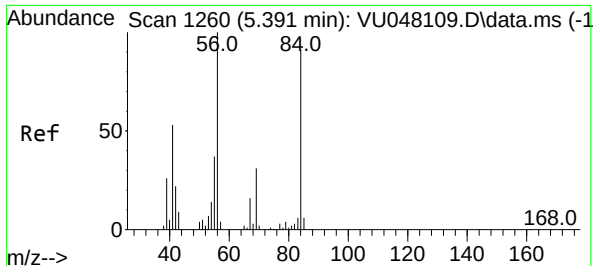
Tgt Ion: 62 Resp: 197698

Ion Ratio Lower Upper

62 100

98 10.3 7.4 11.0





#29

Cyclohexane

Concen: 48.662 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.000 min

Lab File: VU048127.D

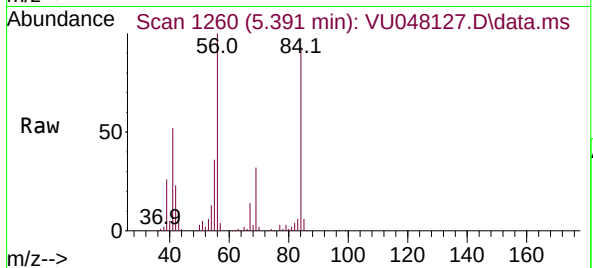
Acq: 18 Apr 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD050087



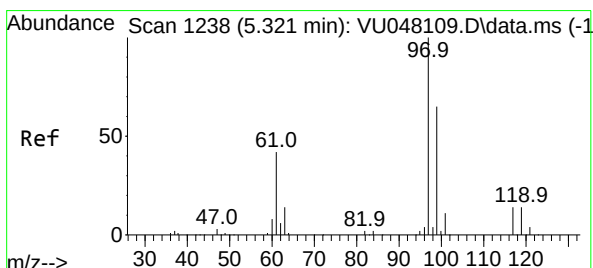
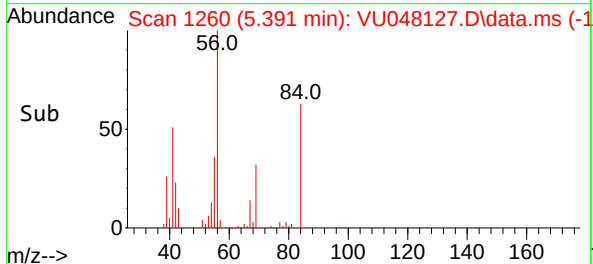
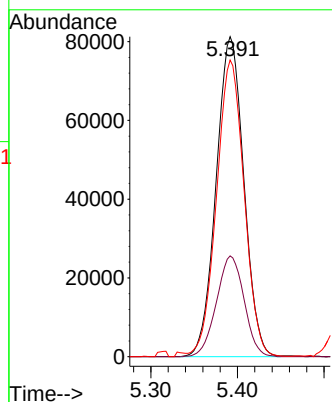
Tgt Ion: 56 Resp: 180288

Ion Ratio Lower Upper

56 100

69 31.4 25.4 38.2

84 92.6 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 52.724 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. -0.003 min

Lab File: VU048127.D

Acq: 18 Apr 2022 17:34

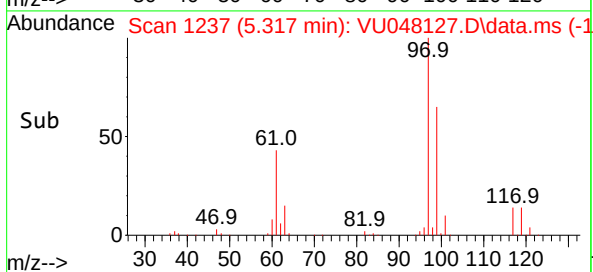
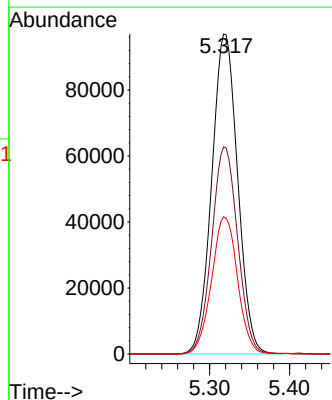
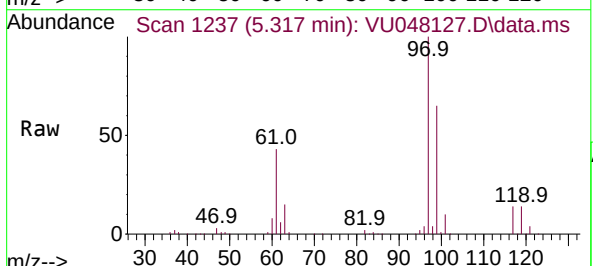
Tgt Ion: 97 Resp: 218281

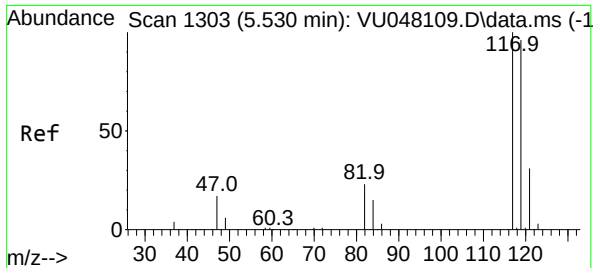
Ion Ratio Lower Upper

97 100

99 64.8 51.6 77.4

61 42.9 34.2 51.4

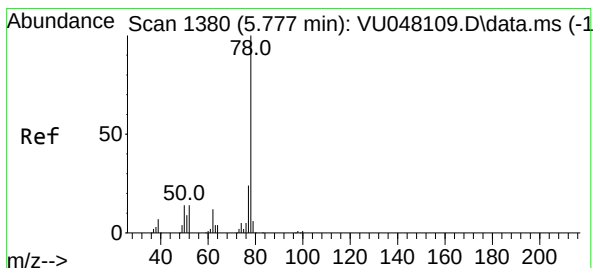
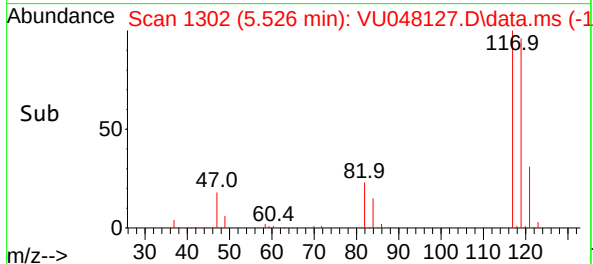
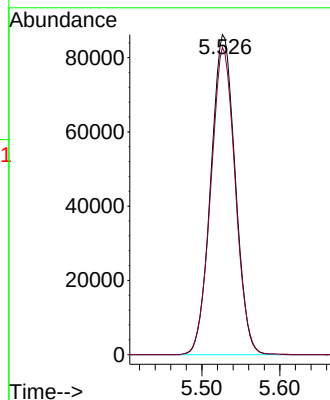
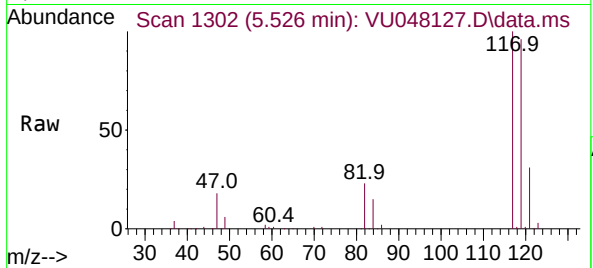




#31
Carbon tetrachloride
Concen: 50.174 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU048127.D
Acq: 18 Apr 2022 17:34

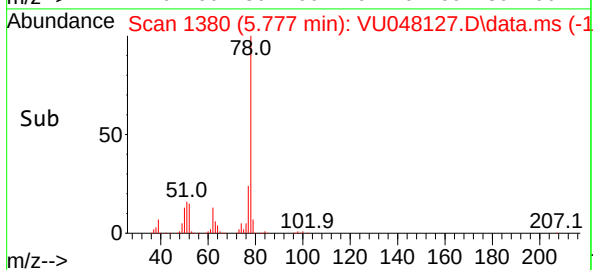
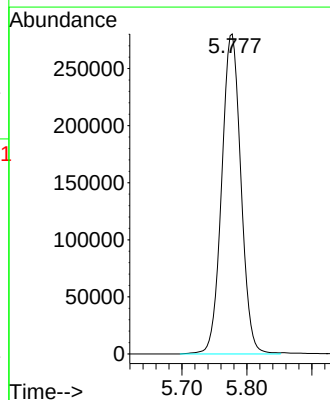
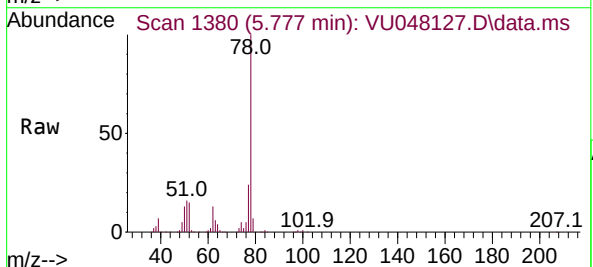
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

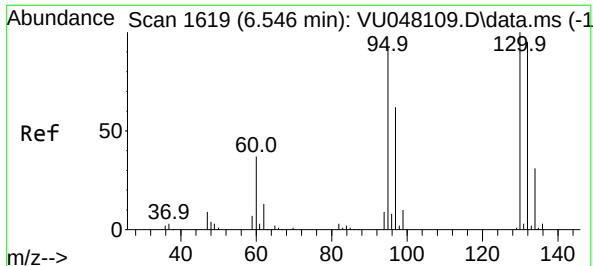
Tgt Ion:117 Resp: 187573
Ion Ratio Lower Upper
117 100
119 96.1 77.2 115.8



#33
Benzene
Concen: 54.416 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU048127.D
Acq: 18 Apr 2022 17:34

Tgt Ion: 78 Resp: 575091

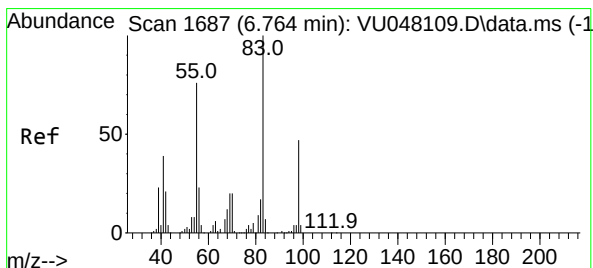
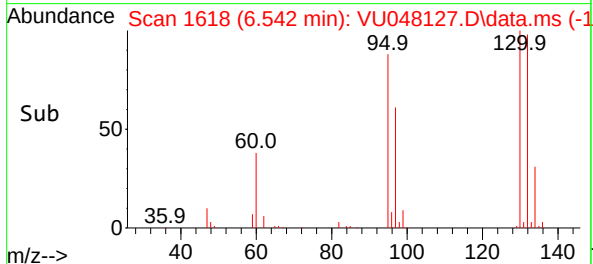
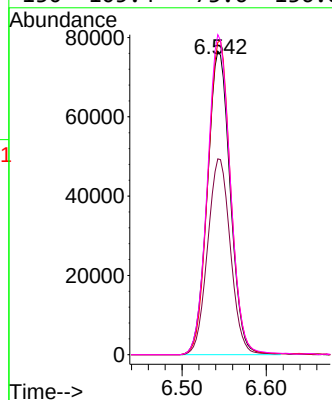
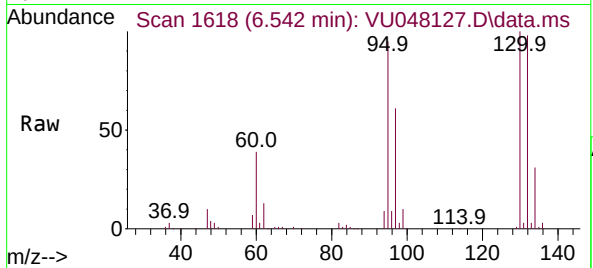




#34
Trichloroethene
Concen: 52.115 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU048127.D
Acq: 18 Apr 2022 17:34

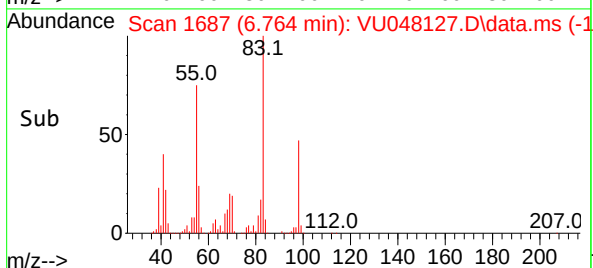
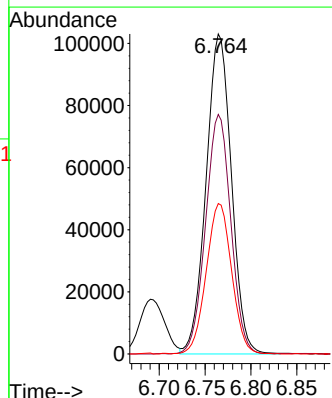
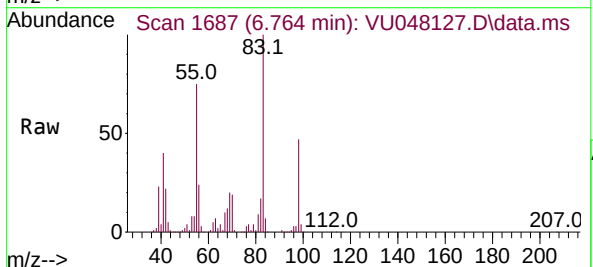
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

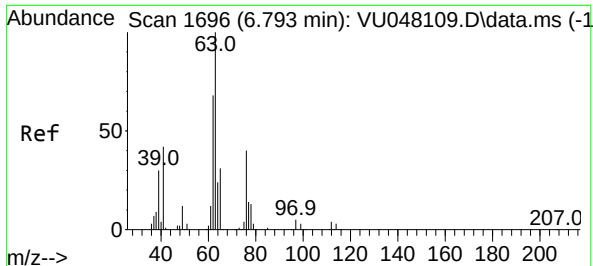
Tgt Ion: 95 Resp: 144398
Ion Ratio Lower Upper
95 100
97 64.5 44.7 82.9
132 102.9 70.4 130.8
130 105.4 73.6 136.8



#35
Methylcyclohexane
Concen: 46.957 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU048127.D
Acq: 18 Apr 2022 17:34

Tgt Ion: 83 Resp: 197930
Ion Ratio Lower Upper
83 100
55 74.6 56.8 85.2
98 47.2 38.1 57.1





#37

1,2-Dichloropropane

Concen: 58.612 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048127.D

Acq: 18 Apr 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

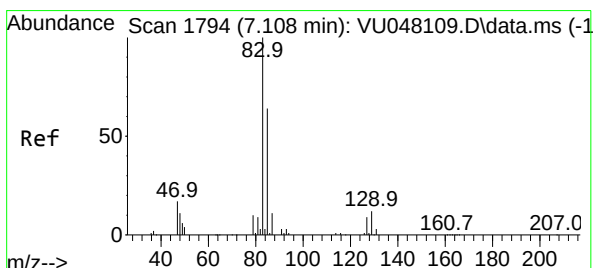
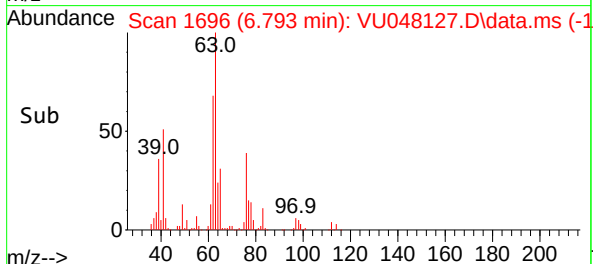
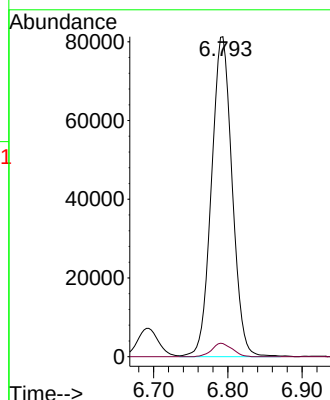
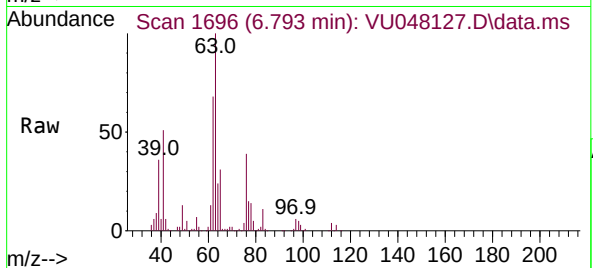
VSTD050087

Tgt Ion: 63 Resp: 157470

Ion Ratio Lower Upper

63 100

112 4.1 3.4 5.2



#38

Bromodichloromethane

Concen: 54.214 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.003 min

Lab File: VU048127.D

Acq: 18 Apr 2022 17:34

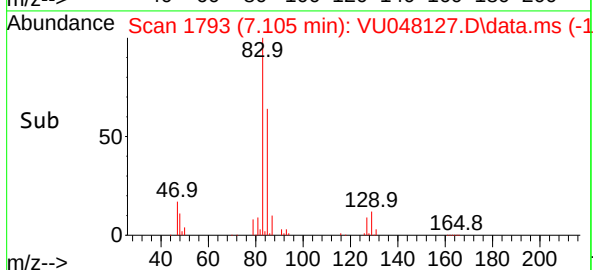
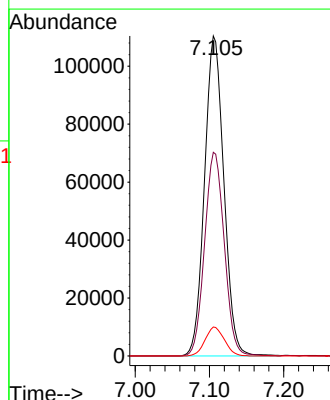
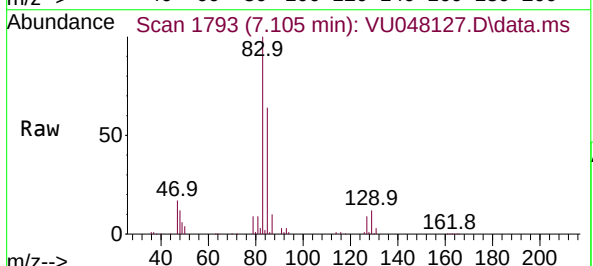
Tgt Ion: 83 Resp: 200017

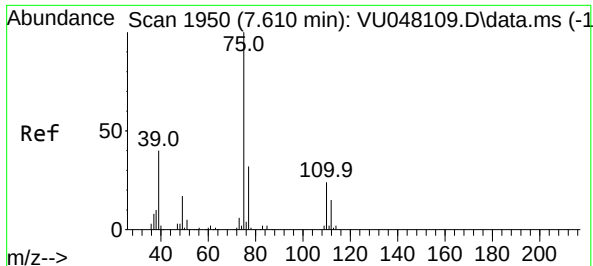
Ion Ratio Lower Upper

83 100

85 63.6 44.4 82.4

127 9.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 52.553 ug/L

RT: 7.607 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VU048127.D

Acq: 18 Apr 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

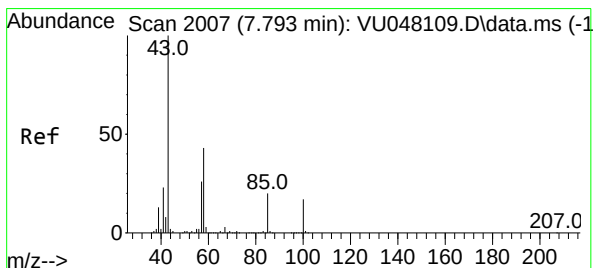
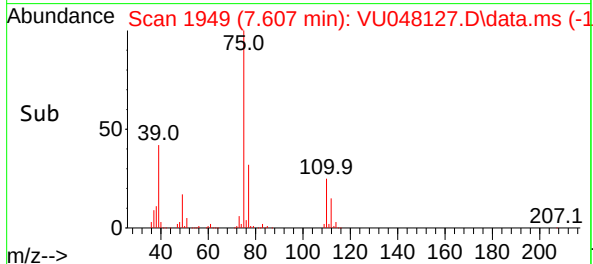
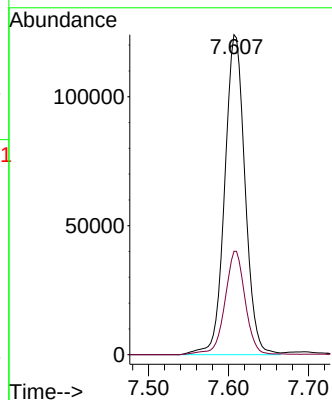
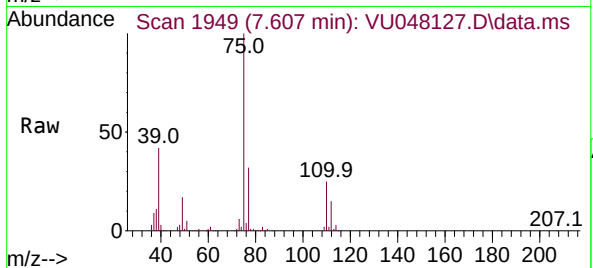
VSTD050087

Tgt Ion: 75 Resp: 219078

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 90.356 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.003 min

Lab File: VU048127.D

Acq: 18 Apr 2022 17:34

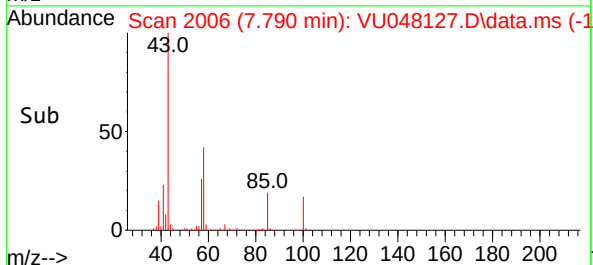
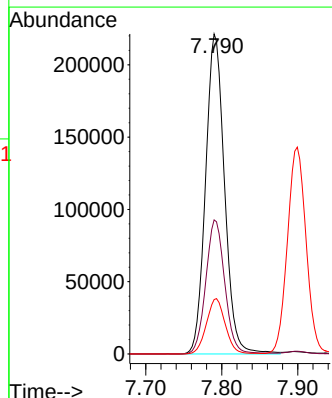
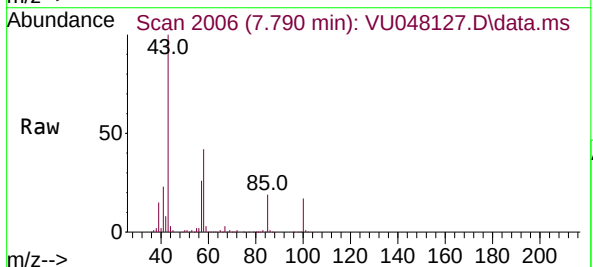
Tgt Ion: 43 Resp: 383672

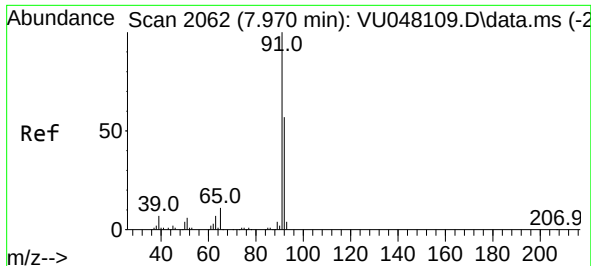
Ion Ratio Lower Upper

43 100

58 41.8 34.7 52.1

100 17.1 14.2 21.2





#42

Toluene

Concen: 47.999 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048127.D

Acq: 18 Apr 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

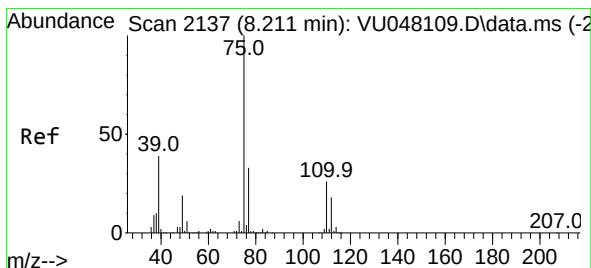
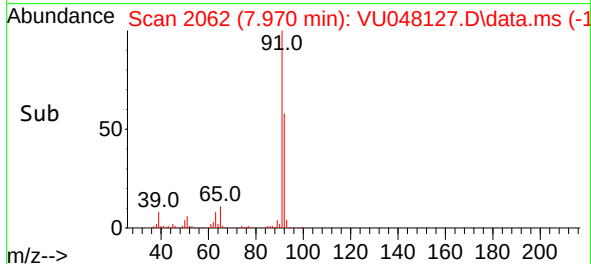
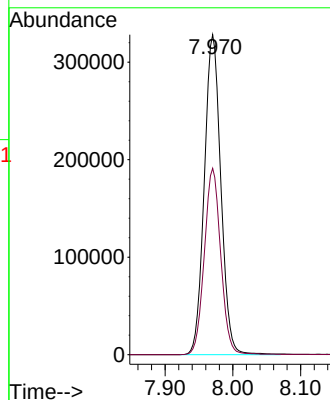
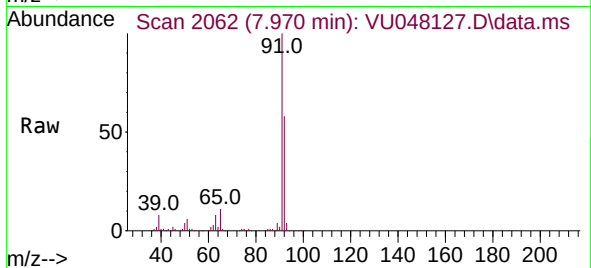
VSTD050087

Tgt Ion: 91 Resp: 556604

Ion Ratio Lower Upper

91 100

92 58.3 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 47.343 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU048127.D

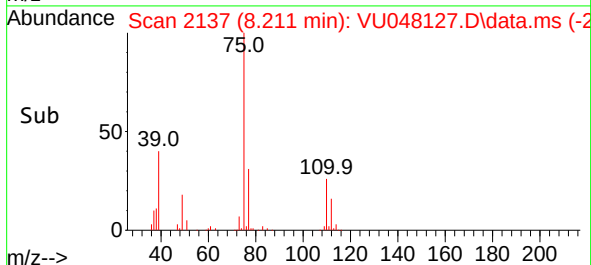
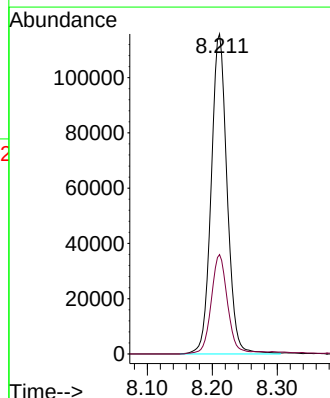
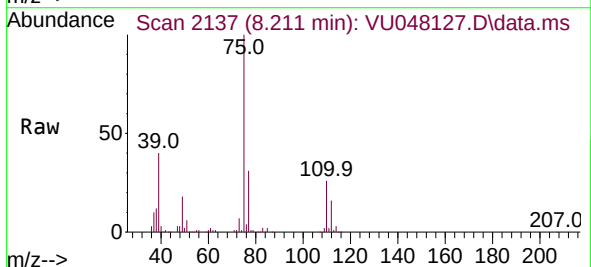
Acq: 18 Apr 2022 17:34

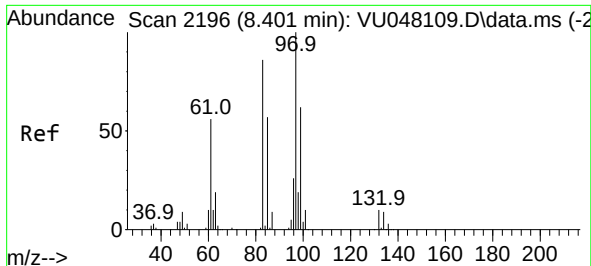
Tgt Ion: 75 Resp: 197052

Ion Ratio Lower Upper

75 100

77 31.0 22.0 40.8

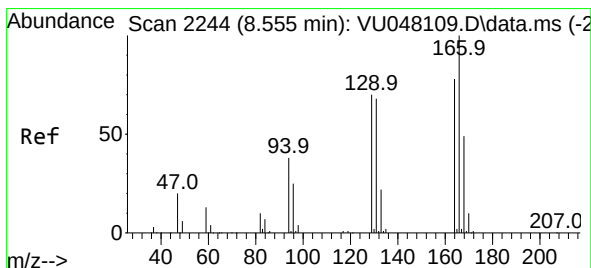
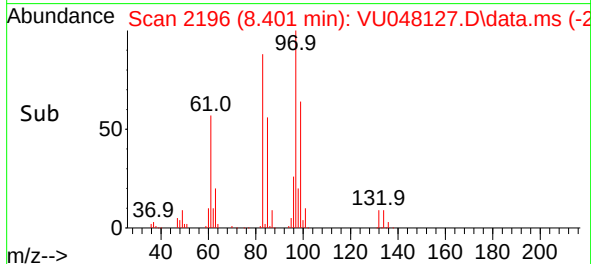
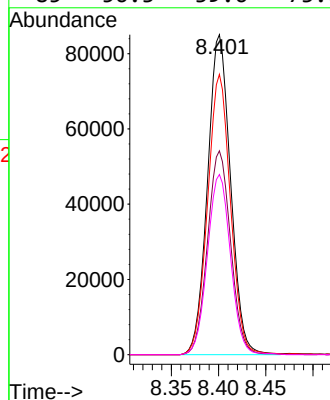
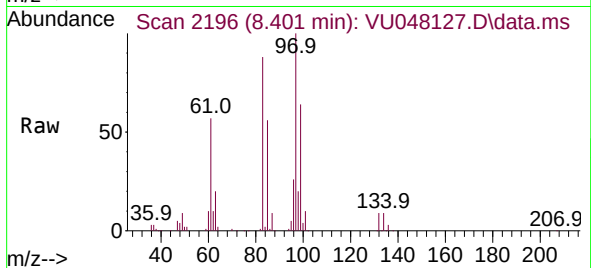




#45
1,1,2-Trichloroethane
Concen: 50.614 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048127.D
Acq: 18 Apr 2022 17:34

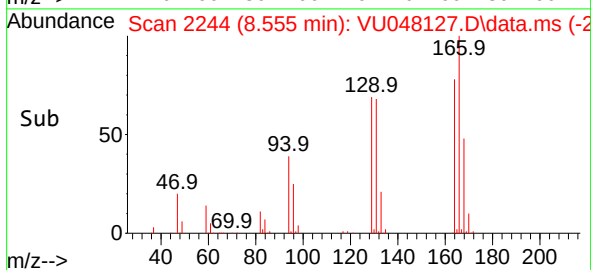
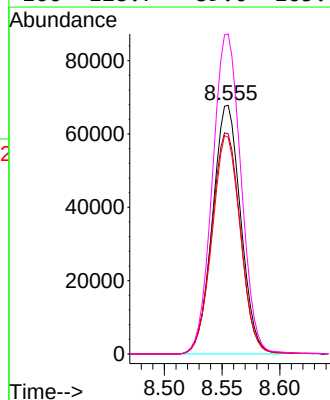
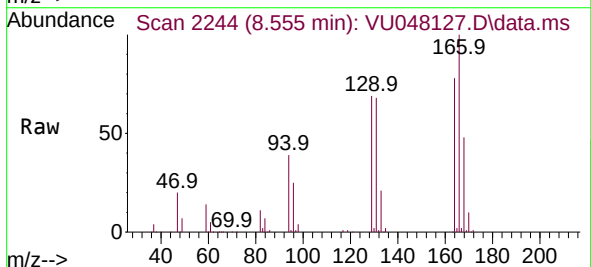
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

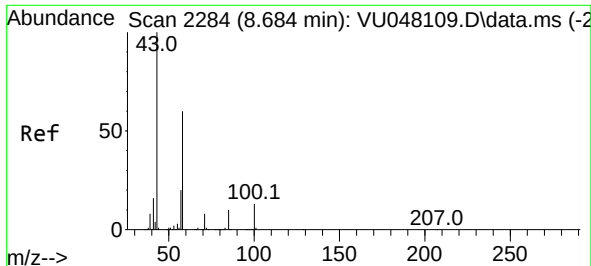
Tgt Ion:	97	Resp:	144219
Ion	Ratio	Lower	Upper
97	100		
99	63.7	43.3	80.3
83	87.6	61.0	113.4
85	56.3	39.6	73.6



#46
Tetrachloroethene
Concen: 46.178 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU048127.D
Acq: 18 Apr 2022 17:34

Tgt Ion:	164	Resp:	114978
Ion	Ratio	Lower	Upper
164	100		
129	88.5	62.4	116.0
131	87.1	60.7	112.7
166	128.7	89.0	165.4

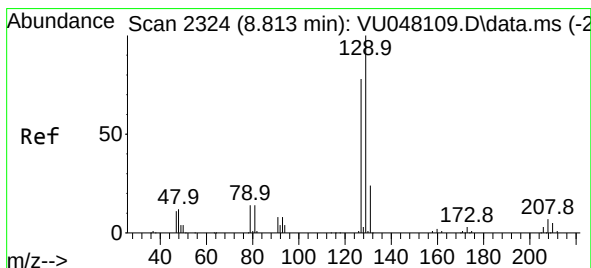
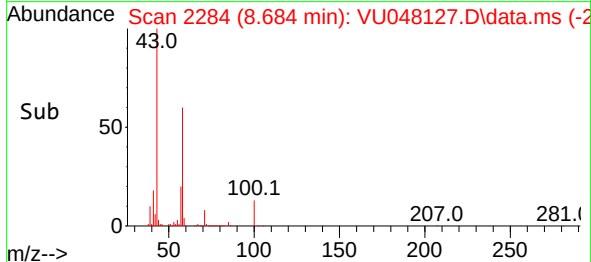
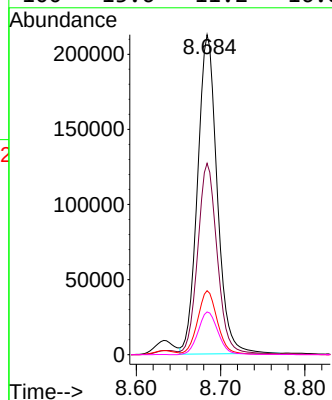
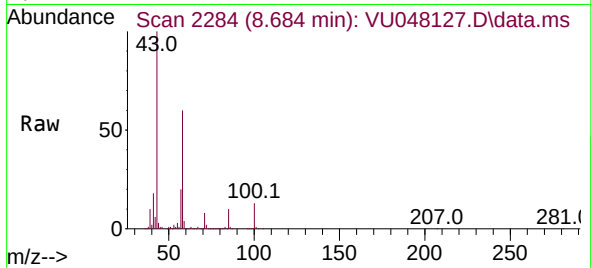




#48
2-Hexanone
Concen: 94.364 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048127.D
Acq: 18 Apr 2022 17:34

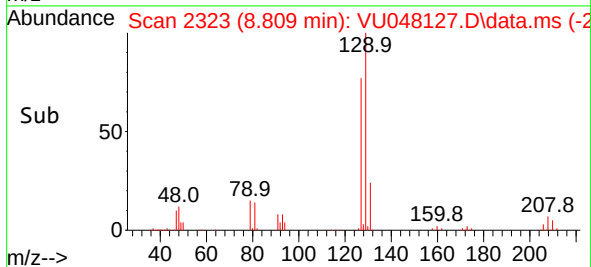
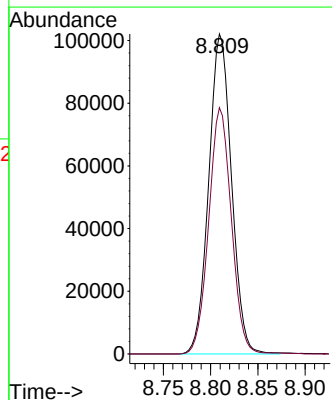
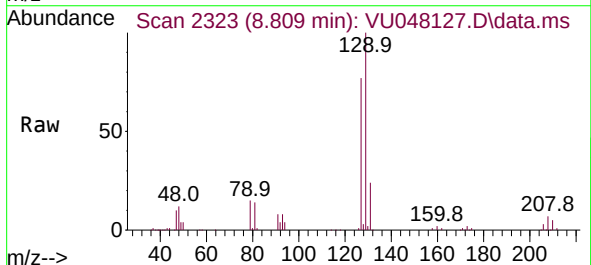
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

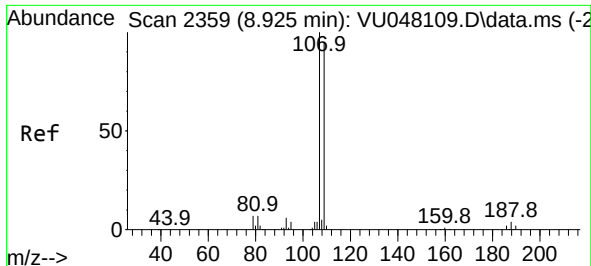
Tgt Ion: 43 Resp: 344667
Ion Ratio Lower Upper
43 100
58 59.7 48.1 72.1
57 20.4 16.2 24.4
100 13.6 11.2 16.8



#49
Dibromochloromethane
Concen: 51.873 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU048127.D
Acq: 18 Apr 2022 17:34

Tgt Ion: 129 Resp: 171193
Ion Ratio Lower Upper
129 100
127 77.0 54.2 100.6

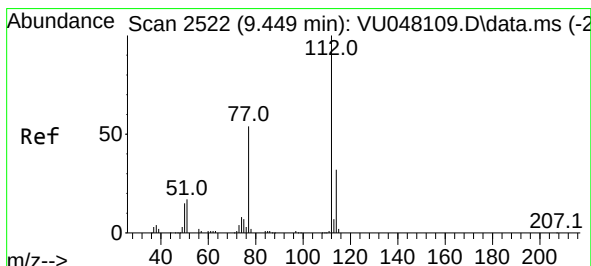
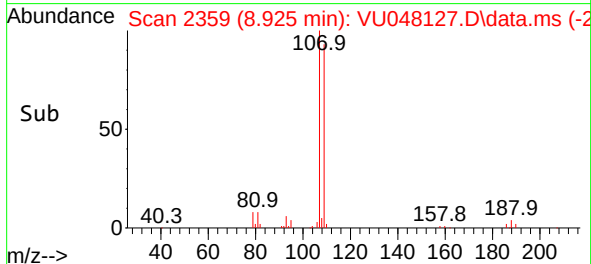
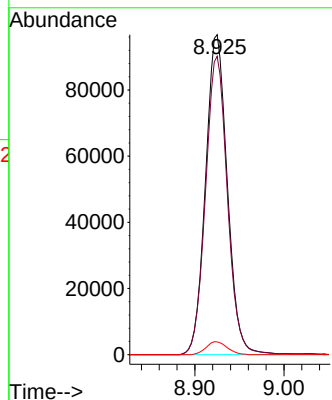
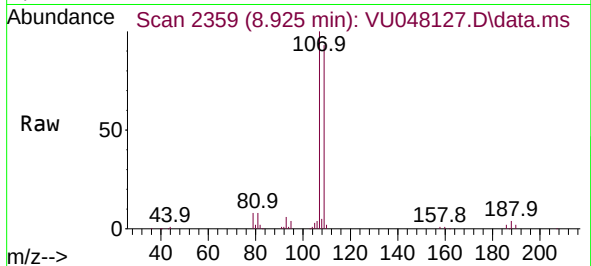




#50
1,2-Dibromoethane
Concen: 51.333 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048127.D
Acq: 18 Apr 2022 17:34

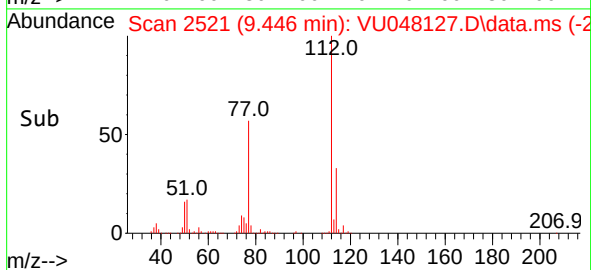
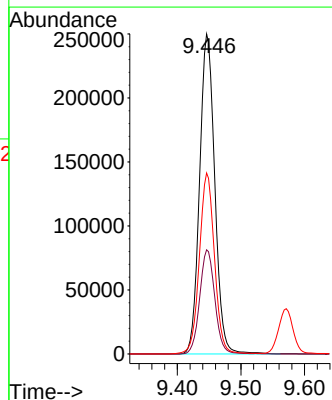
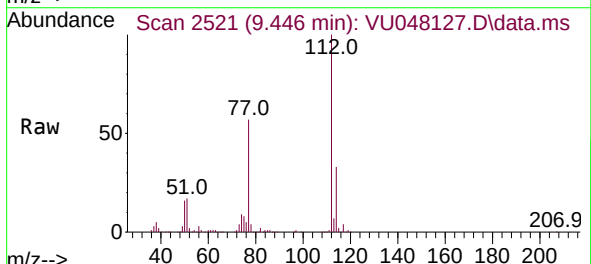
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

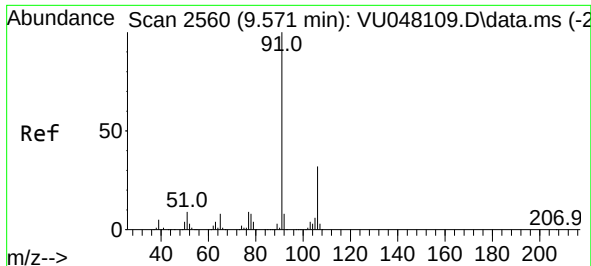
Tgt Ion:107 Resp: 163978
Ion Ratio Lower Upper
107 100
109 93.3 66.6 123.6
188 4.0 3.4 5.2



#51
Chlorobenzene
Concen: 52.714 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048127.D
Acq: 18 Apr 2022 17:34

Tgt Ion:112 Resp: 415048
Ion Ratio Lower Upper
112 100
114 32.5 22.1 41.1
77 56.6 43.4 65.0

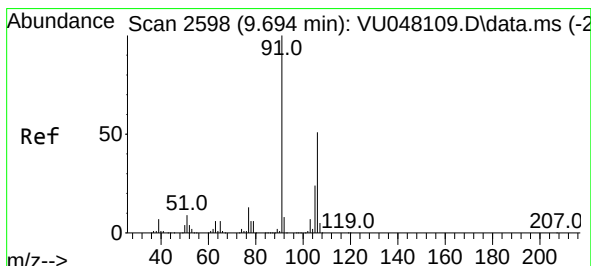
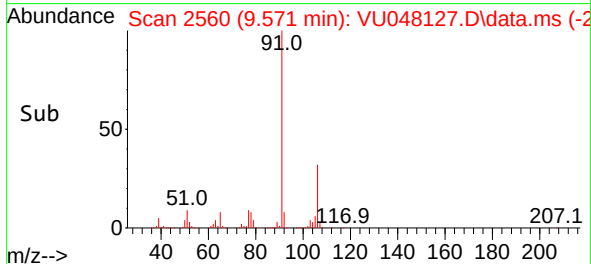
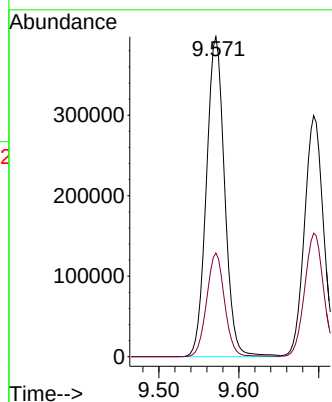
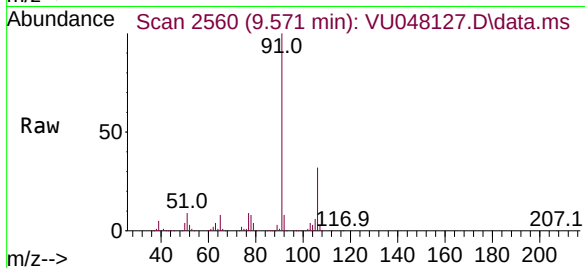




#52
Ethylbenzene
Concen: 51.801 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU048127.D
Acq: 18 Apr 2022 17:34

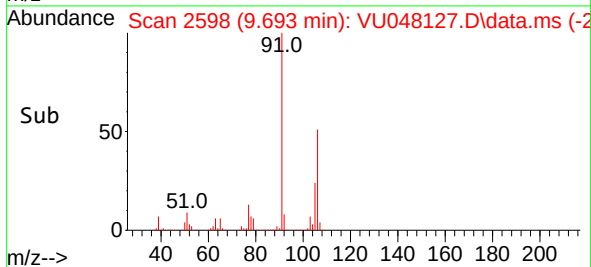
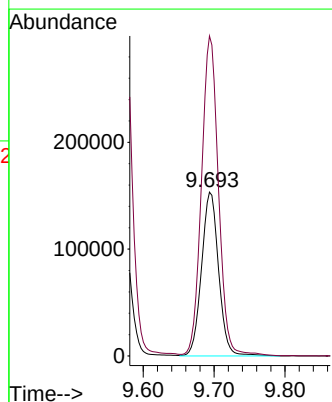
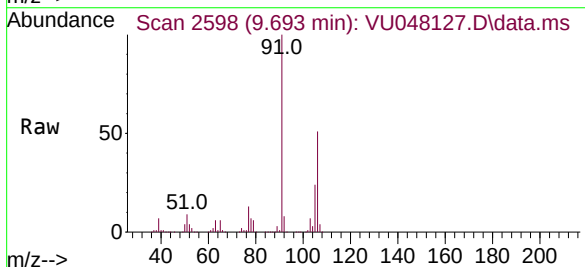
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

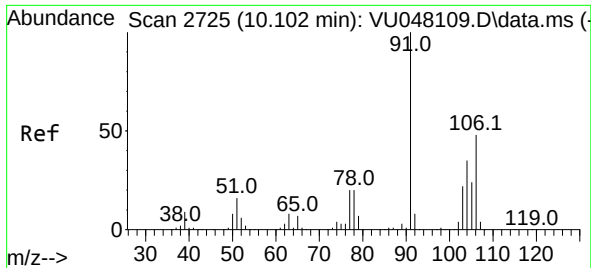
Tgt Ion: 91 Resp: 631610
Ion Ratio Lower Upper
91 100
106 32.4 22.4 41.6



#53
m,p-Xylene
Concen: 53.590 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU048127.D
Acq: 18 Apr 2022 17:34

Tgt Ion: 106 Resp: 256389
Ion Ratio Lower Upper
106 100
91 195.3 137.7 255.7

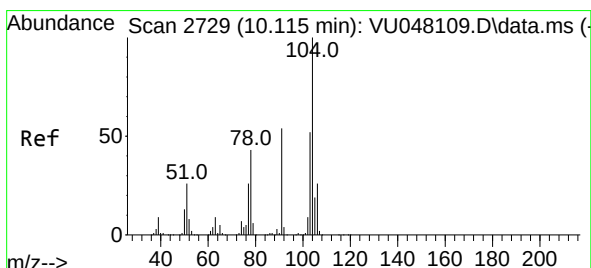
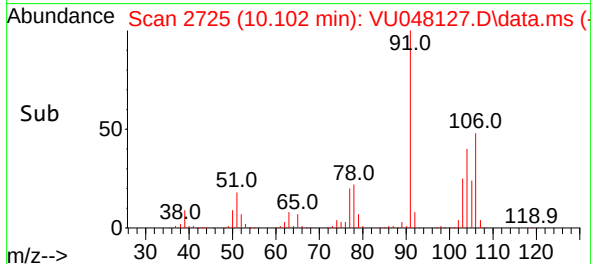
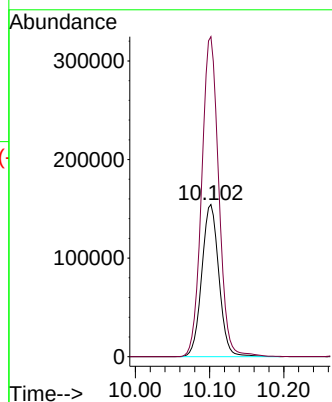
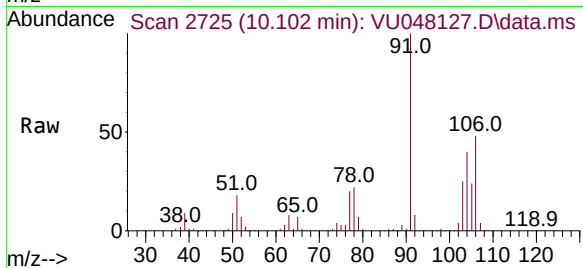




#54
o-Xylene
Concen: 52.653 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU048127.D
Acq: 18 Apr 2022 17:34

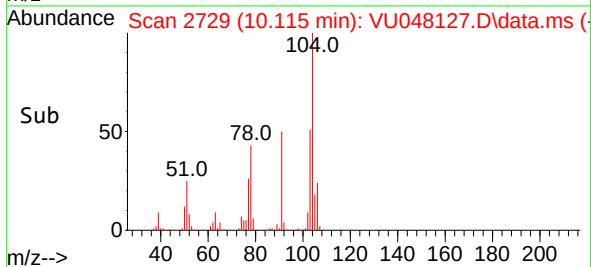
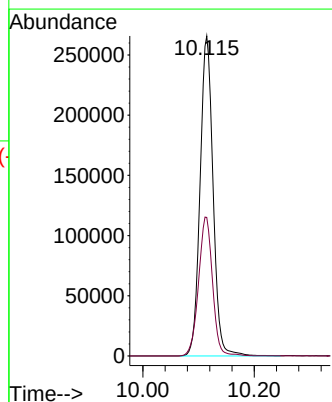
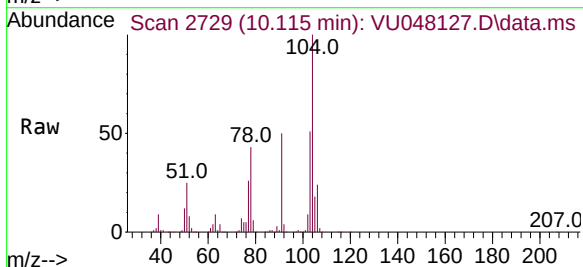
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

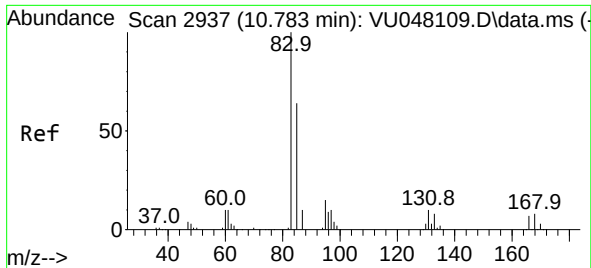
Tgt Ion:106 Resp: 247235
Ion Ratio Lower Upper
106 100
91 210.3 146.7 272.5



#55
Styrene
Concen: 53.673 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU048127.D
Acq: 18 Apr 2022 17:34

Tgt Ion:104 Resp: 430289
Ion Ratio Lower Upper
104 100
78 43.3 30.4 56.4

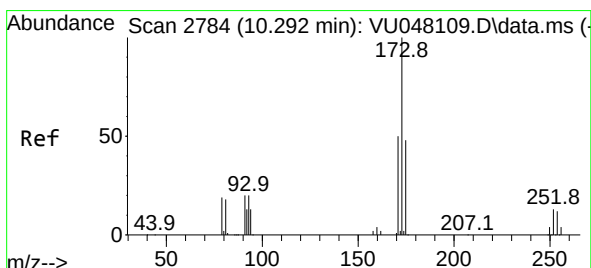
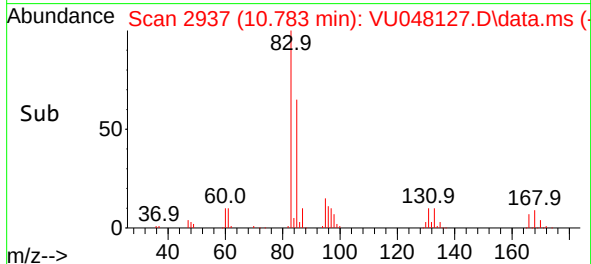
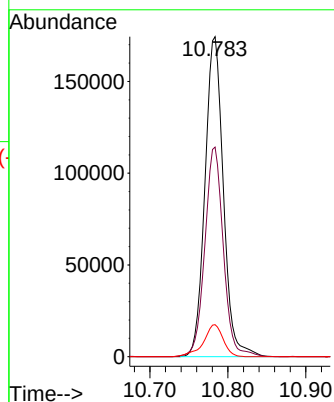
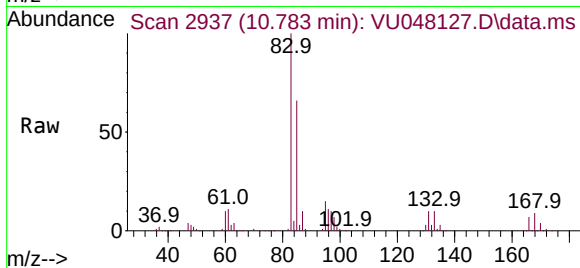




#57
1,1,2,2-Tetrachloroethane
Concen: 53.561 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU048127.D
Acq: 18 Apr 2022 17:34

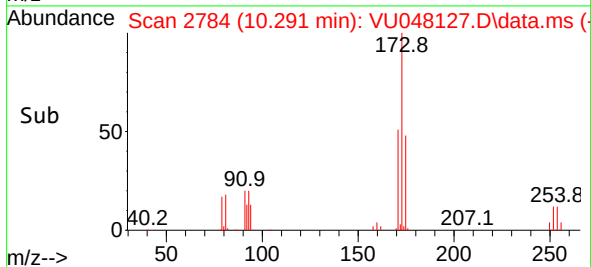
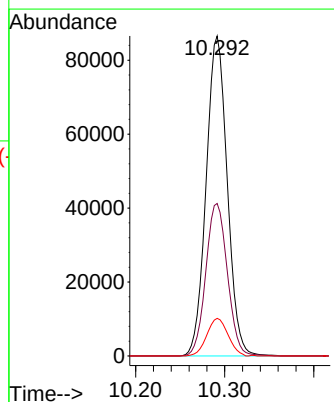
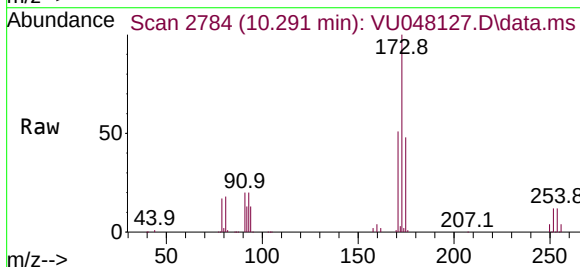
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

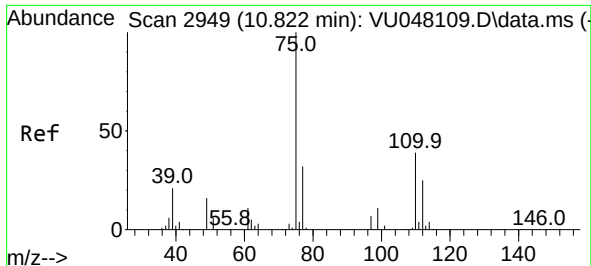
Tgt Ion: 83 Resp: 286115
Ion Ratio Lower Upper
83 100
85 65.5 44.9 83.3
131 10.0 8.6 13.0



#59
Bromoform
Concen: 52.081 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU048127.D
Acq: 18 Apr 2022 17:34

Tgt Ion:173 Resp: 142303
Ion Ratio Lower Upper
173 100
175 48.8 38.7 58.1
254 11.8 9.6 14.4

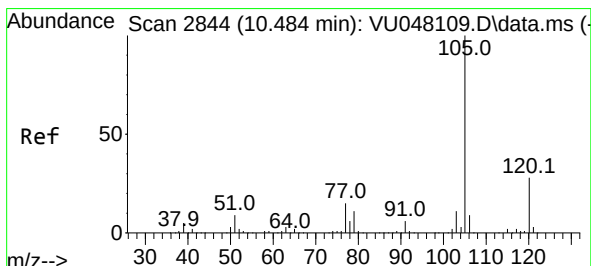
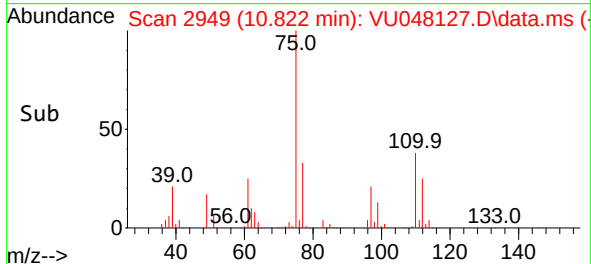
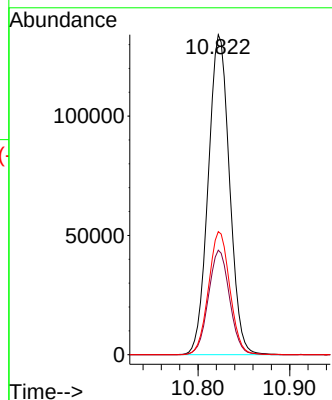
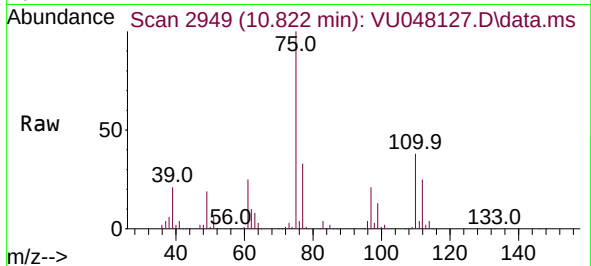




#60
1,2,3-Trichloropropane
Concen: 53.767 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU048127.D
Acq: 18 Apr 2022 17:34

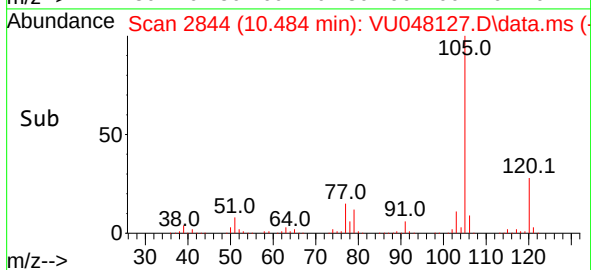
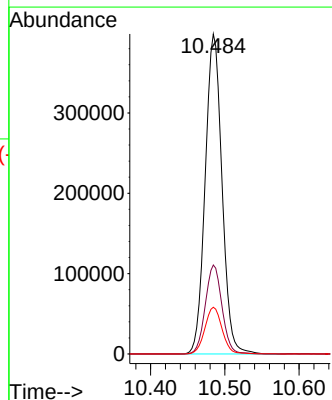
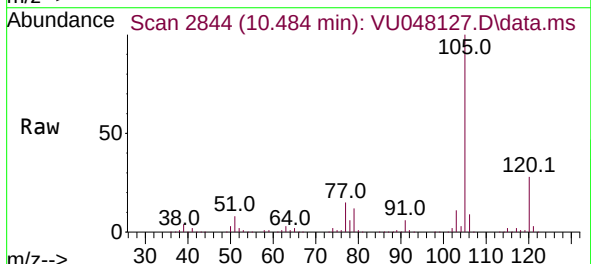
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

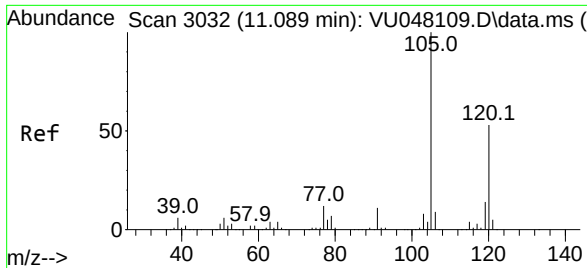
Tgt Ion: 75 Resp: 216585
Ion Ratio Lower Upper
75 100
77 32.6 26.0 39.0
110 38.5 31.4 47.2



#61
Isopropylbenzene
Concen: 54.123 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048127.D
Acq: 18 Apr 2022 17:34

Tgt Ion: 105 Resp: 625029
Ion Ratio Lower Upper
105 100
120 27.6 21.9 32.9
77 15.0 12.1 18.1

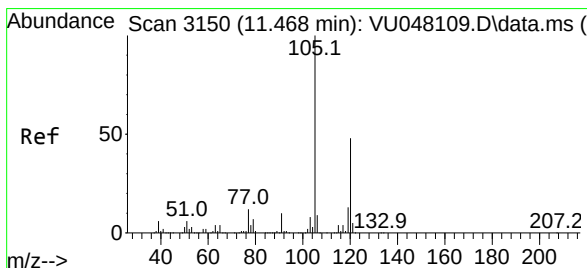
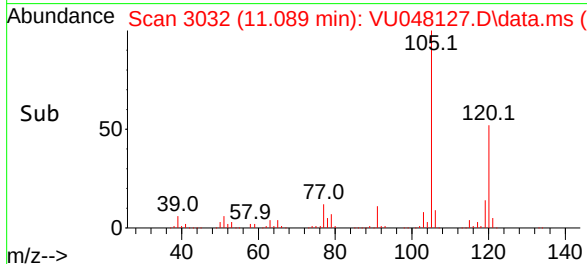
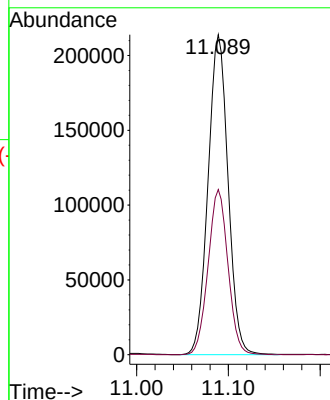
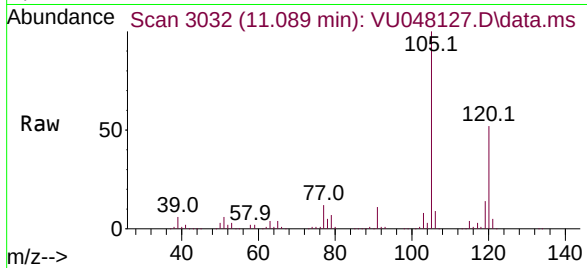




#62
 1,3,5-Trimethylbenzene
 Concen: 51.662 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU048127.D
 Acq: 18 Apr 2022 17:34

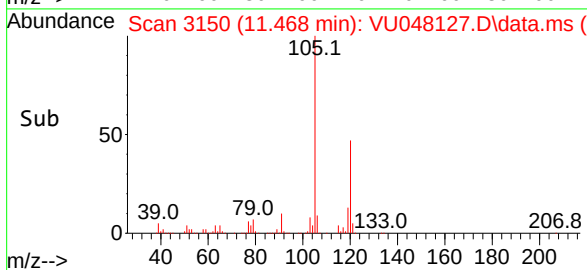
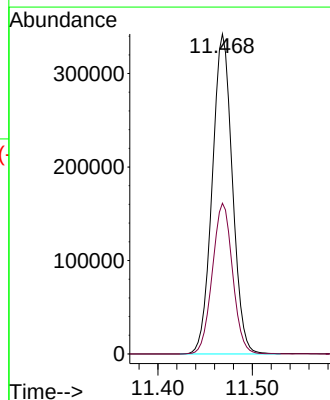
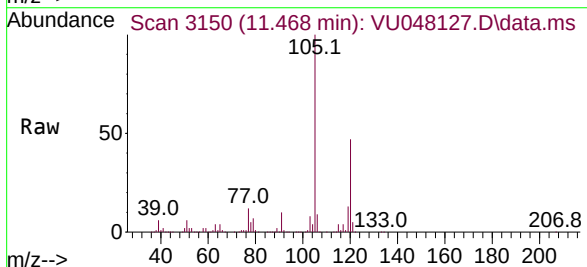
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050087

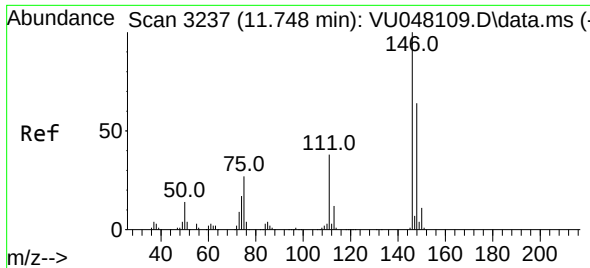
Tgt Ion:105 Resp: 323702
 Ion Ratio Lower Upper
 105 100
 120 51.3 40.8 61.2



#63
 1,2,4-Trimethylbenzene
 Concen: 53.169 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU048127.D
 Acq: 18 Apr 2022 17:34

Tgt Ion:105 Resp: 506042
 Ion Ratio Lower Upper
 105 100
 120 47.4 37.6 56.4

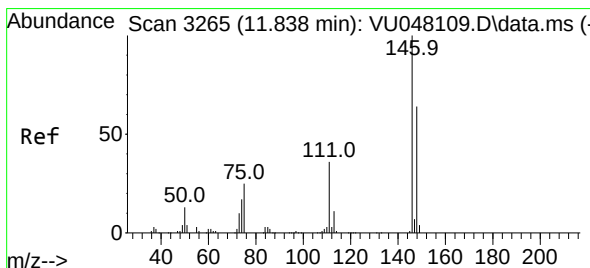
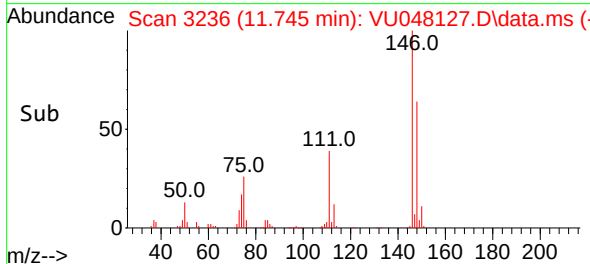
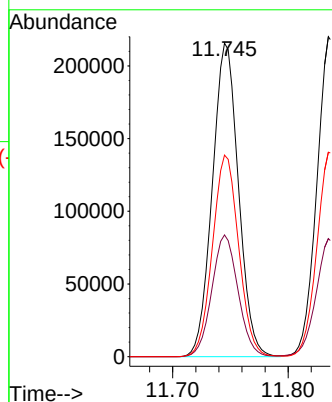
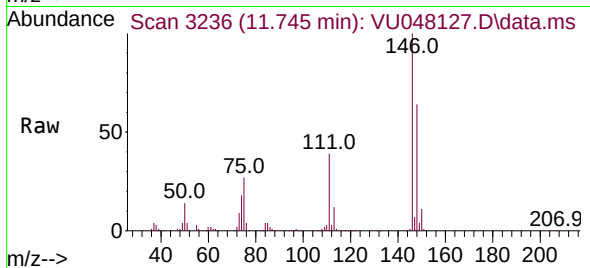




#64
1,3-Dichlorobenzene
Concen: 52.803 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048127.D
Acq: 18 Apr 2022 17:34

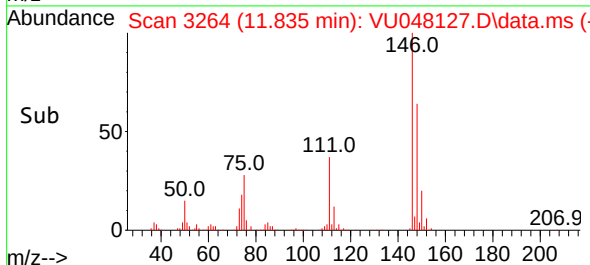
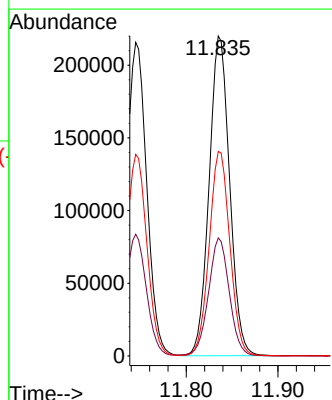
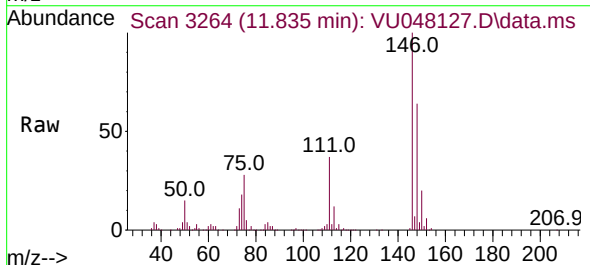
Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

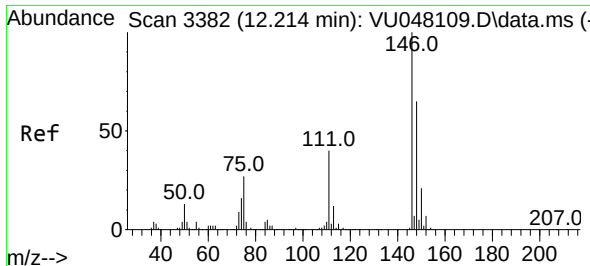
Tgt Ion:146 Resp: 338927
Ion Ratio Lower Upper
146 100
111 38.8 26.7 49.7
148 64.3 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 51.374 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU048127.D
Acq: 18 Apr 2022 17:34

Tgt Ion:146 Resp: 341559
Ion Ratio Lower Upper
146 100
111 36.9 25.3 47.1
148 63.9 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 52.715 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. -0.003 min

Lab File: VU048127.D

Acq: 18 Apr 2022 17:34

Instrument :

MSVOA_U

ClientSampleId :

VSTD050087

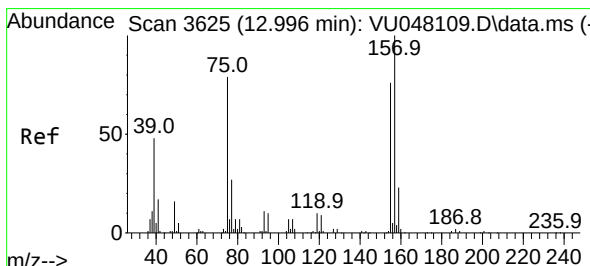
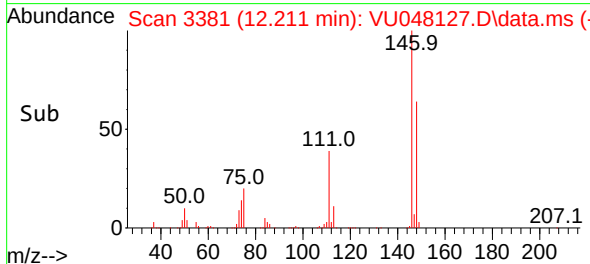
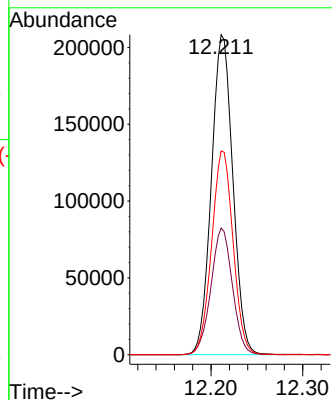
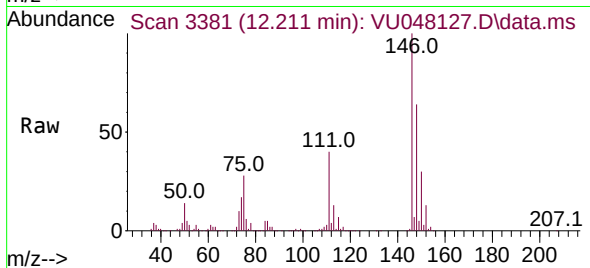
Tgt Ion:146 Resp: 338563

Ion Ratio Lower Upper

146 100

111 39.6 31.7 47.5

148 63.7 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 47.126 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU048127.D

Acq: 18 Apr 2022 17:34

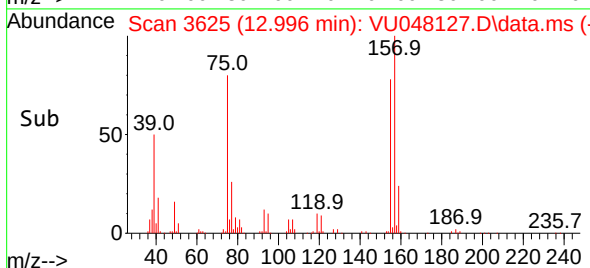
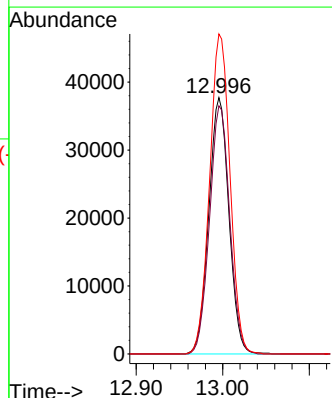
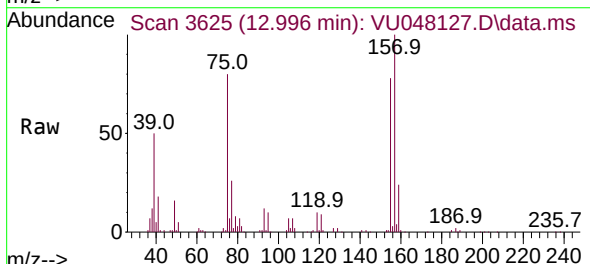
Tgt Ion: 75 Resp: 60808

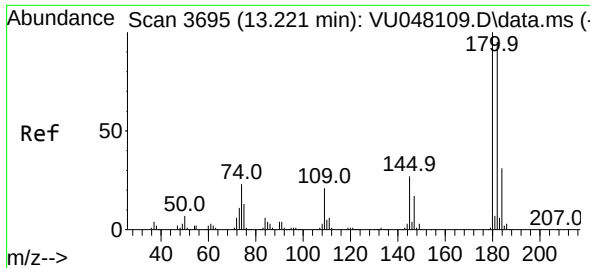
Ion Ratio Lower Upper

75 100

155 96.8 78.9 118.3

157 124.9 97.5 146.3



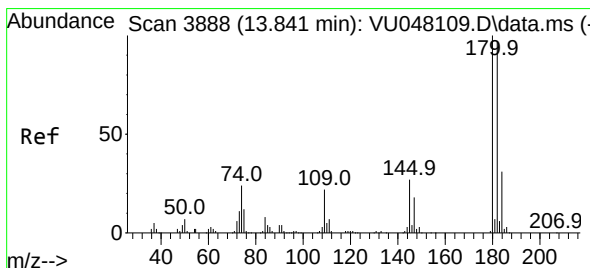
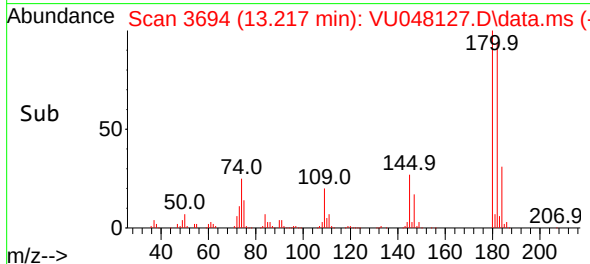
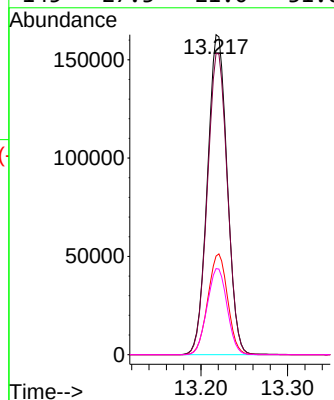
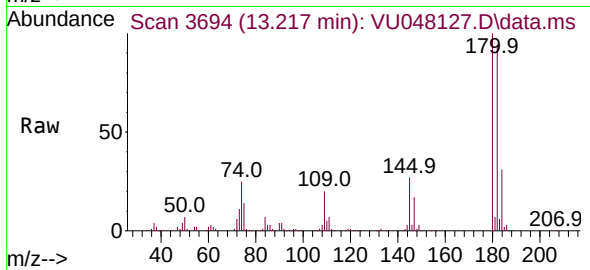


#69
 1,3,5-Trichlorobenzene
 Concen: 49.395 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU048127.D
 Acq: 18 Apr 2022 17:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050087

Tgt Ion:180 Resp: 257493

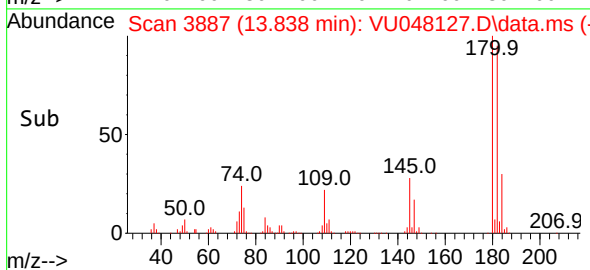
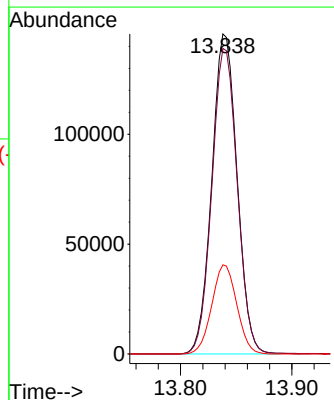
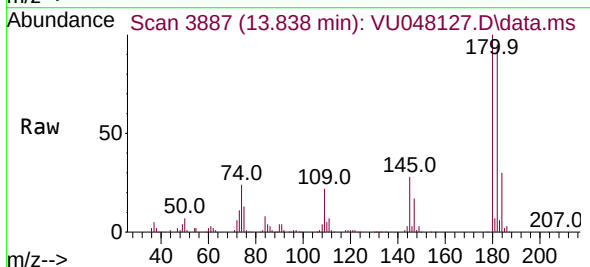
Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.0	115.6
184	31.5	24.5	36.7
145	27.3	21.0	31.6

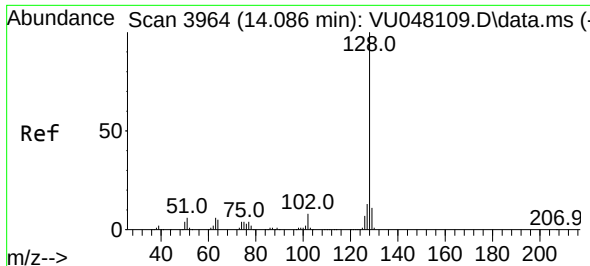


#70
 1,2,4-trichlorobenzene
 Concen: 50.355 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.003 min
 Lab File: VU048127.D
 Acq: 18 Apr 2022 17:34

Tgt Ion:180 Resp: 229924

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.2	114.2
145	27.5	21.8	32.8

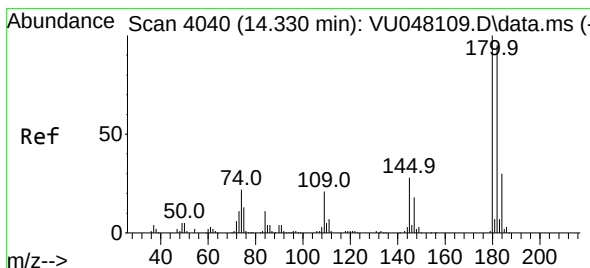
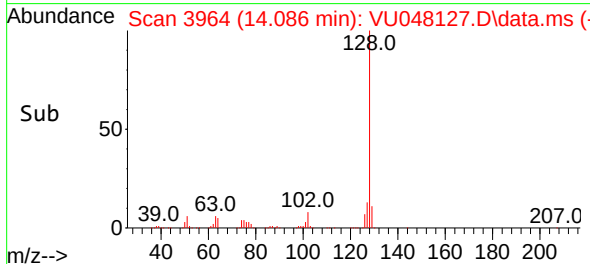
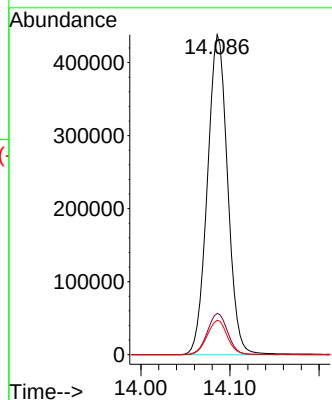
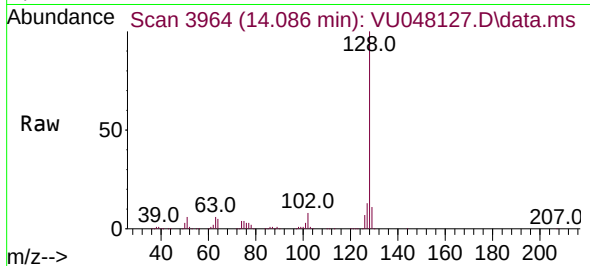




#71
Naphthalene
Concen: 50.678 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU048127.D
Acq: 18 Apr 2022 17:34

Instrument :
MSVOA_U
ClientSampleId :
VSTD050087

Tgt Ion:128	Resp: 689885
Ion Ratio	Lower Upper
128 100	
127 13.1	10.2 15.2
129 10.8	8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 53.826 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU048127.D
Acq: 18 Apr 2022 17:34

Tgt Ion:180	Resp: 246379
Ion Ratio	Lower Upper
180 100	
182 95.0	77.4 116.0
145 29.1	22.8 34.2

