

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061822\
 Data File : VU049293.D
 Acq On : 18 Jun 2022 19:55
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050151

Quant Time: Jun 20 00:48:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 20 00:11:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	279392	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	264461	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	135709	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	91896	53.391	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 106.780%	
7) Chloroethane-d5	1.903	69	68554	54.246	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 108.500%	
11) 1,1-Dichloroethene-d2	2.565	63	168413	51.854	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 103.700%	
21) 2-Butanone-d5	4.620	46	198259	105.061	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 105.060%	
24) Chloroform-d	5.064	84	181700	49.486	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 98.980%	
26) 1,2-Dichloroethane-d4	5.700	65	112988	47.498	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 95.000%	
32) Benzene-d6	5.726	84	340641	51.945	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 103.880%	
36) 1,2-Dichloropropane-d6	6.691	67	121198	54.976	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 109.960%	
41) Toluene-d8	7.896	98	309898	53.584	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.160%	
43) trans-1,3-Dichloroprop...	8.179	79	53047	51.148	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 102.300%	
47) 2-Hexanone-d5	8.629	63	130249	112.887	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 112.890%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	183257	49.770	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 99.540%	
66) 1,2-Dichlorobenzene-d4	12.192	152	125375	53.097	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 106.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	136646	55.422	ug/L	99
3) Chloromethane	1.520	50	124378	47.859	ug/L	100
5) Vinyl chloride	1.601	62	129075	52.392	ug/L	96
6) Bromomethane	1.842	94	67132	49.262	ug/L	99
8) Chloroethane	1.925	64	72754	52.873	ug/L	94
9) Trichlorofluoromethane	2.134	101	158961	45.845	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	89365	45.403	ug/L	94
12) 1,1-Dichloroethene	2.578	96	82187	47.702	ug/L	96
13) Acetone	2.623	43	123873	83.420	ug/L	99
14) Carbon disulfide	2.790	76	245605	56.057	ug/L	99
15) Methyl Acetate	2.945	43	144099	48.926	ug/L	95
16) Methylene chloride	3.041	84	101530	45.252	ug/L	90
17) trans-1,2-Dichloroethene	3.350	96	88286	46.604	ug/L	95
18) Methyl tert-butyl Ether	3.363	73	313079	44.177	ug/L	97
19) 1,1-Dichloroethane	3.868	63	187176	45.864	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	104483	45.334	ug/L	94
22) 2-Butanone	4.697	43	212736	93.225	ug/L	97
23) Bromochloromethane	4.974	128	51980	42.971	ug/L #	84
25) Chloroform	5.086	83	188164	44.240	ug/L	99

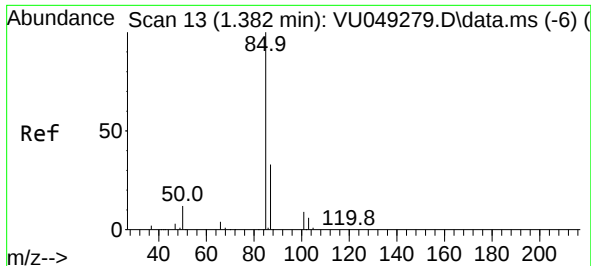
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061822\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	146614	42.345	ug/L	99
29) Cyclohexane	5.388	56	180683	61.049	ug/L	93
30) 1,1,1-Trichloroethane	5.314	97	160324	43.470	ug/L	98
31) Carbon tetrachloride	5.523	117	134584	41.724	ug/L	99
33) Benzene	5.774	78	414834	48.417	ug/L	100
34) Trichloroethene	6.539	95	101696	47.088	ug/L	95
35) Methylcyclohexane	6.761	83	165522	54.907	ug/L	94
37) 1,2-Dichloropropane	6.790	63	115383	47.756	ug/L	98
38) Bromodichloromethane	7.105	83	141094	43.985	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	163976	46.124	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	400501	98.391	ug/L	97
42) Toluene	7.967	91	423994	47.878	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	153294	43.546	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	101025	43.151	ug/L	94
46) Tetrachloroethene	8.552	164	71421	42.656	ug/L	99
48) 2-Hexanone	8.684	43	321346	97.108	ug/L	97
49) Dibromochloromethane	8.809	129	107975	41.422	ug/L	98
50) 1,2-Dibromoethane	8.922	107	113548	46.102	ug/L	97
51) Chlorobenzene	9.446	112	261132	43.621	ug/L	96
52) Ethylbenzene	9.568	91	460080	47.783	ug/L	98
53) m,p-Xylene	9.694	106	169433	44.810	ug/L	89
54) o-Xylene	10.099	106	169615	44.523	ug/L	91
55) Styrene	10.112	104	287274	45.156	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.780	83	193841	44.429	ug/L	99
59) Bromoform	10.292	173	77909	38.901	ug/L	97
60) 1,2,3-Trichloropropane	10.822	75	153565	44.611	ug/L	97
61) Isopropylbenzene	10.485	105	442498	48.003	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	318162	40.427	ug/L	96
63) 1,2,4-Trimethylbenzene	11.465	105	387065	61.775	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	198201	43.831	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	197809	43.206	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	204865	43.656	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	50951	44.846	ug/L	96
69) 1,3,5-Trichlorobenzene	13.218	180	148669	46.022	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	130819	47.890	ug/L	97
71) Naphthalene	14.086	128	442325	45.769	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	134316	46.485	ug/L	98

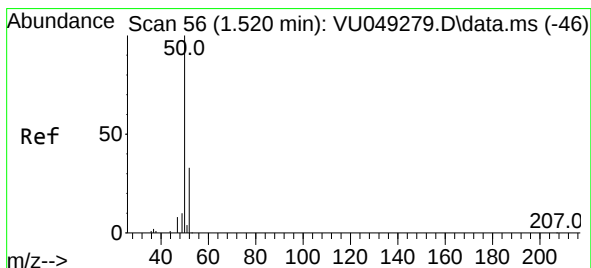
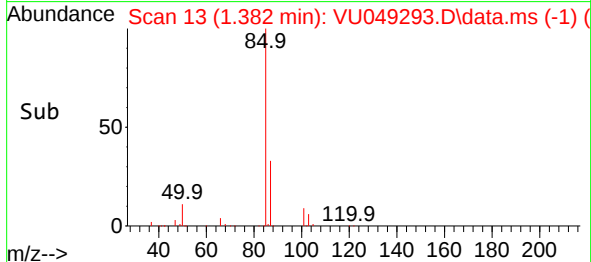
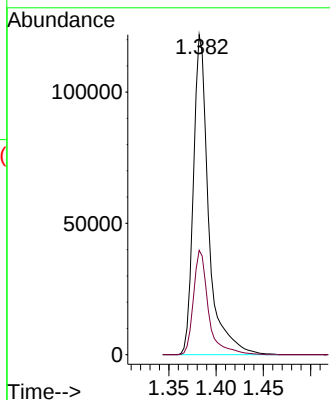
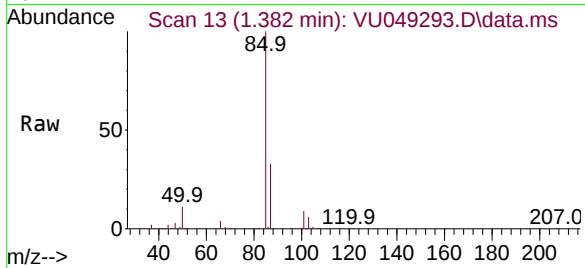
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 55.422 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049293.D
Acq: 18 Jun 2022 19:55

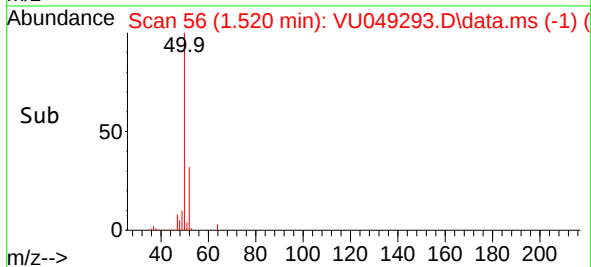
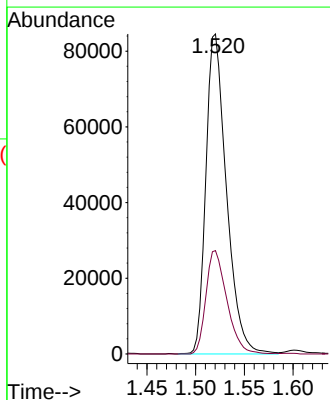
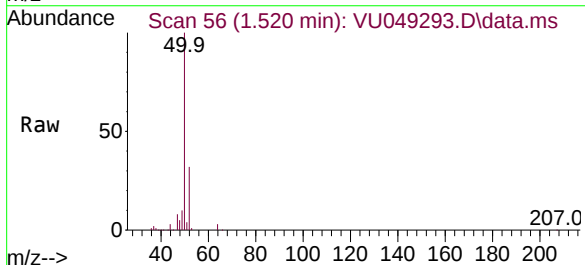
Instrument :
MSVOA_U
ClientSampleId :
VSTD050151

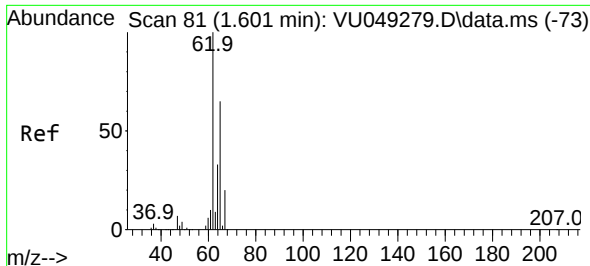
Tgt Ion: 85 Resp: 136646
Ion Ratio Lower Upper
85 100
87 32.2 26.3 39.5



#3
Chloromethane
Concen: 47.859 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU049293.D
Acq: 18 Jun 2022 19:55

Tgt Ion: 50 Resp: 124378
Ion Ratio Lower Upper
50 100
52 32.3 22.7 42.1

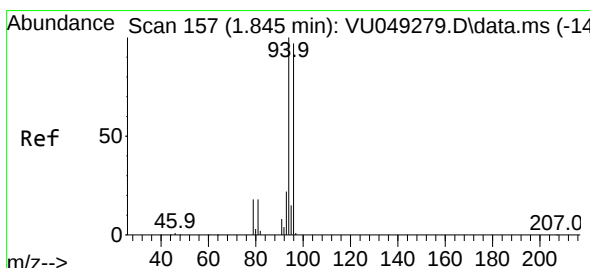
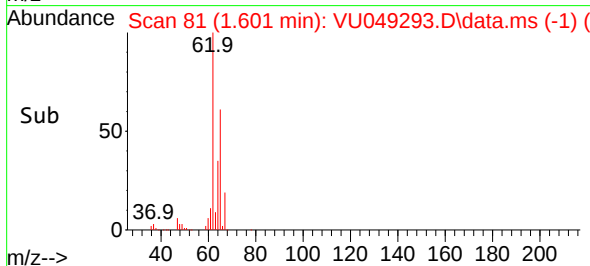
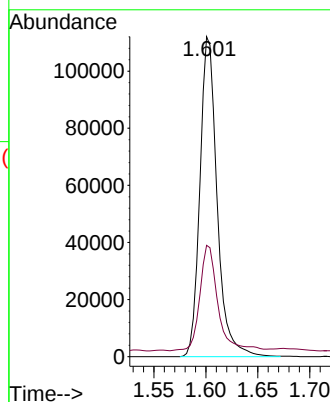
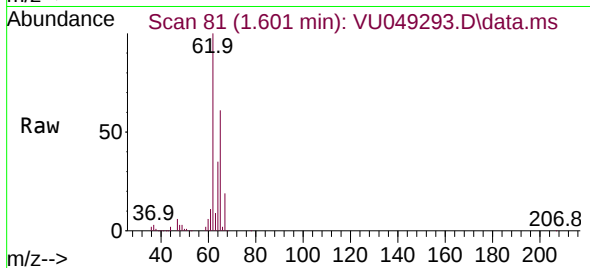




#5
 Vinyl chloride
 Concen: 52.392 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU049293.D
 Acq: 18 Jun 2022 19:55

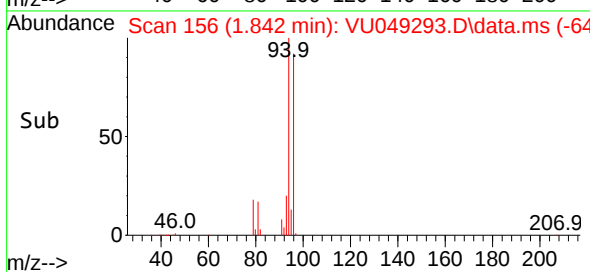
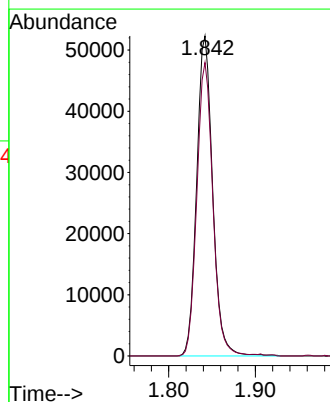
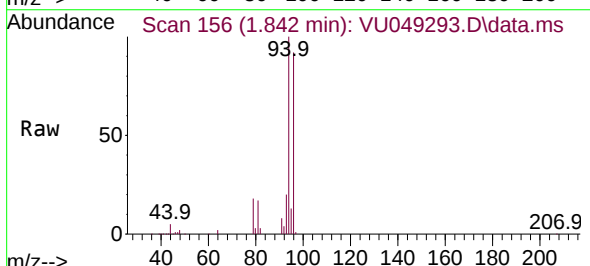
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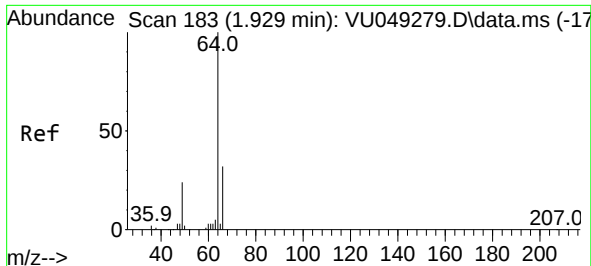
Tgt Ion: 62 Resp: 129075
 Ion Ratio Lower Upper
 62 100
 64 34.8 22.7 42.3



#6
 Bromomethane
 Concen: 49.262 ug/L
 RT: 1.842 min Scan# 156
 Delta R.T. -0.003 min
 Lab File: VU049293.D
 Acq: 18 Jun 2022 19:55

Tgt Ion: 94 Resp: 67132
 Ion Ratio Lower Upper
 94 100
 96 91.7 65.1 120.9

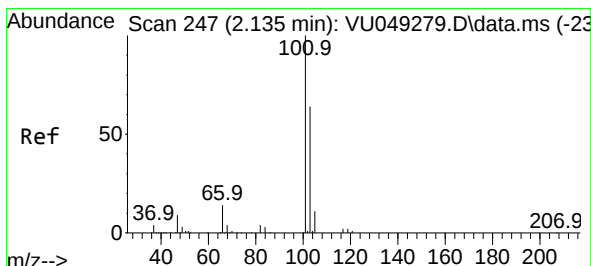
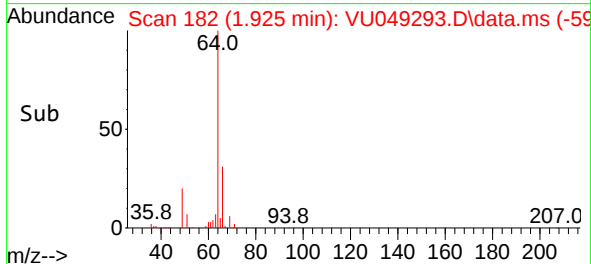
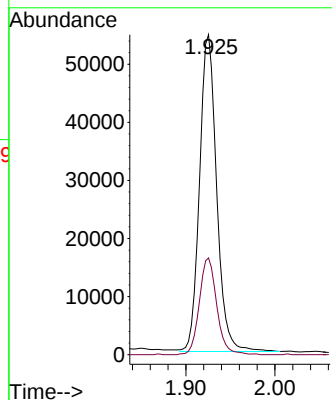
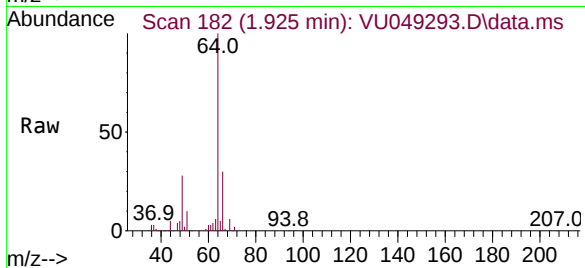




#8
Chloroethane
Concen: 52.873 ug/L
RT: 1.925 min Scan# 183
Delta R.T. -0.003 min
Lab File: VU049293.D
Acq: 18 Jun 2022 19:55

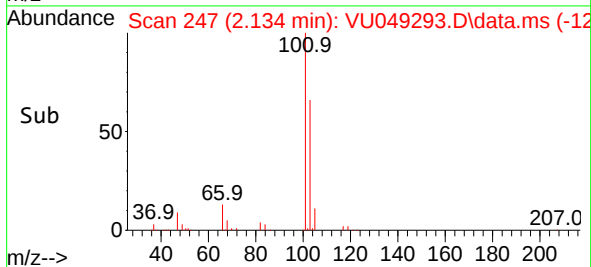
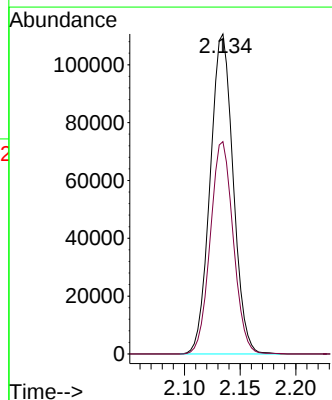
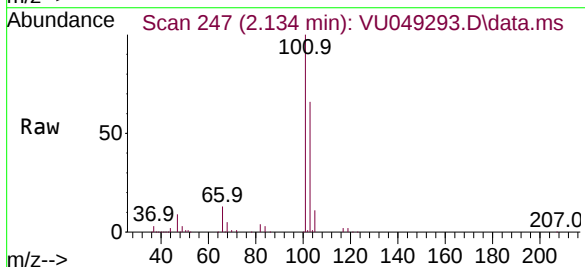
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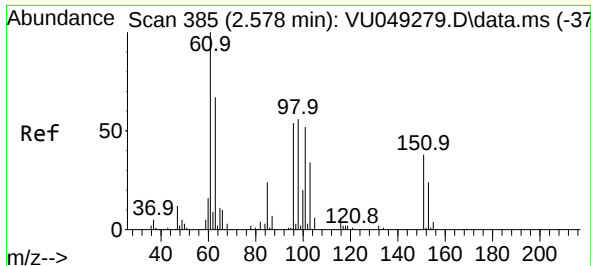
Tgt Ion: 64 Resp: 72754
Ion Ratio Lower Upper
64 100
66 30.3 23.7 43.9



#9
Trichlorofluoromethane
Concen: 45.845 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.000 min
Lab File: VU049293.D
Acq: 18 Jun 2022 19:55

Tgt Ion: 101 Resp: 158961
Ion Ratio Lower Upper
101 100
103 66.1 51.3 76.9

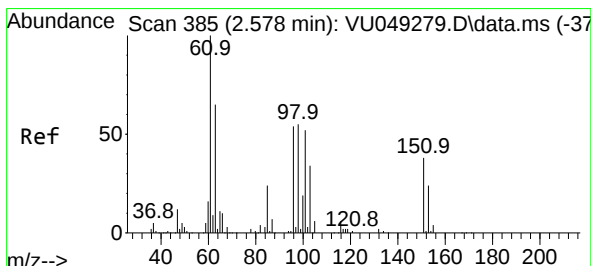
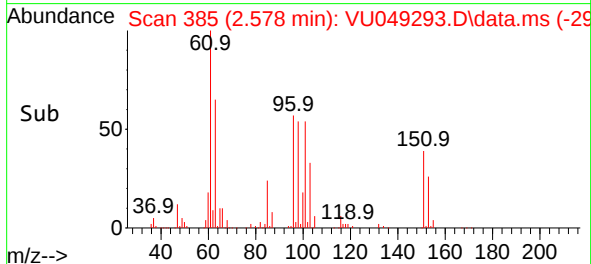
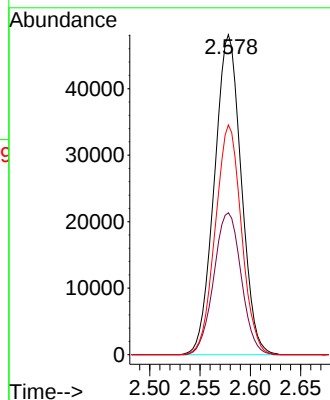
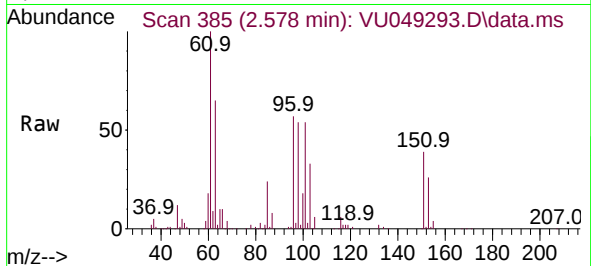




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.403 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU049293.D
 Acq: 18 Jun 2022 19:55

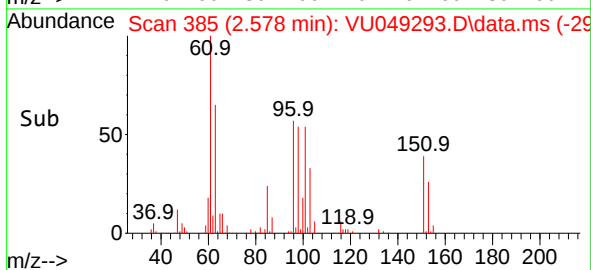
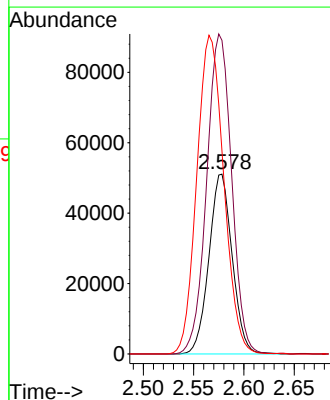
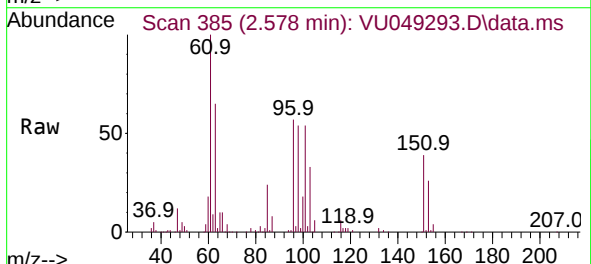
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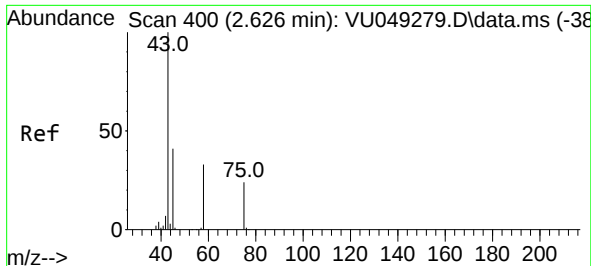
Tgt Ion:101 Resp: 89365
 Ion Ratio Lower Upper
 101 100
 85 45.2 35.2 52.8
 151 70.1 61.4 92.2



#12
 1,1-Dichloroethene
 Concen: 47.702 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU049293.D
 Acq: 18 Jun 2022 19:55

Tgt Ion: 96 Resp: 82187
 Ion Ratio Lower Upper
 96 100
 61 174.4 123.5 229.3
 63 113.0 86.0 159.8





#13

Acetone

Concen: 83.420 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU049293.D

Acq: 18 Jun 2022 19:55

Instrument :

MSVOA_U

ClientSampleId :

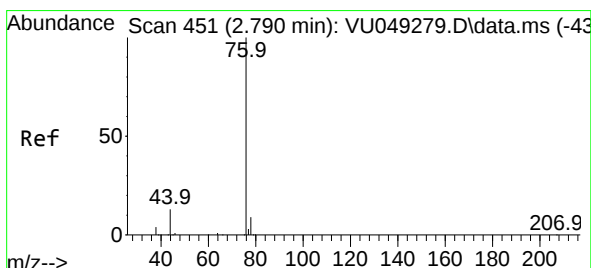
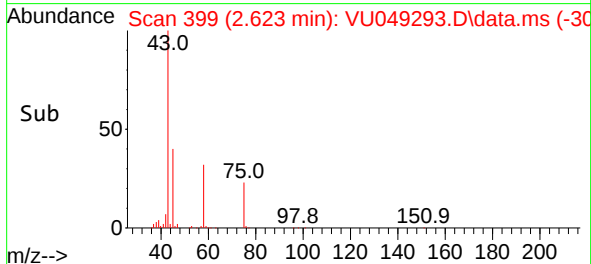
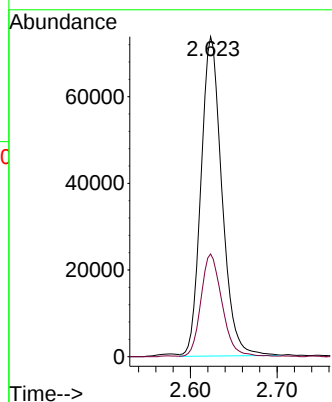
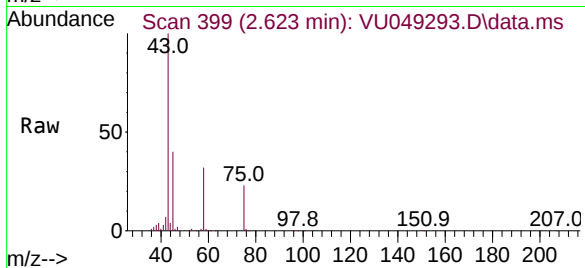
VSTD050151

Tgt Ion: 43 Resp: 123873

Ion Ratio Lower Upper

43 100

58 32.4 0.0 66.4



#14

Carbon disulfide

Concen: 56.057 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU049293.D

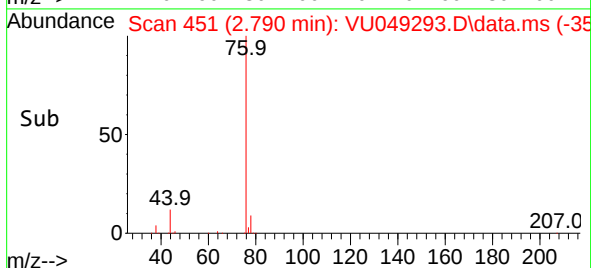
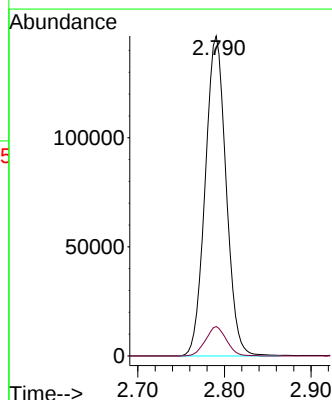
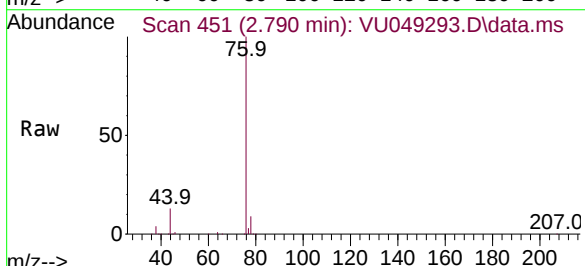
Acq: 18 Jun 2022 19:55

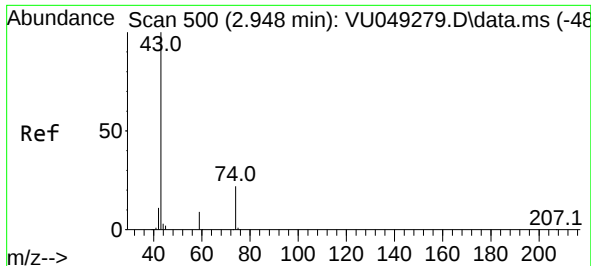
Tgt Ion: 76 Resp: 245605

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7

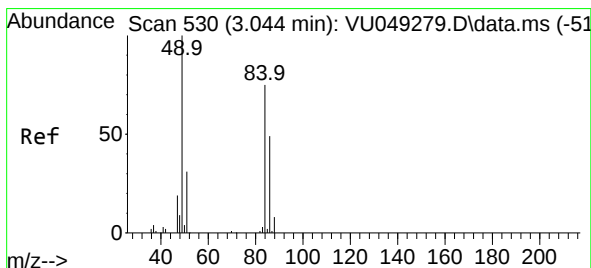
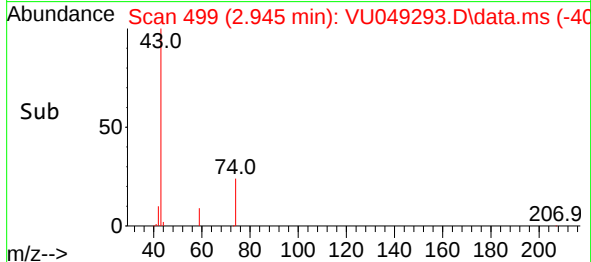
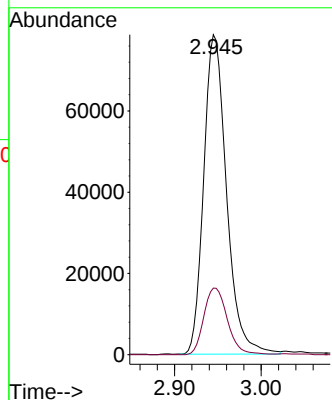
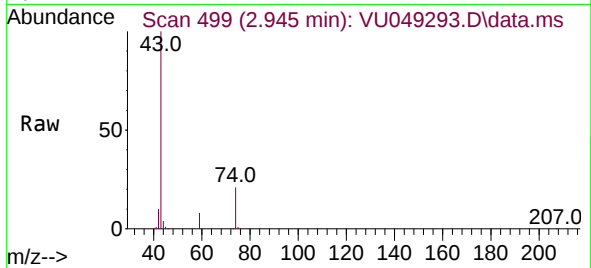




#15
Methyl Acetate
Concen: 48.926 ug/L
RT: 2.945 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU049293.D
Acq: 18 Jun 2022 19:55

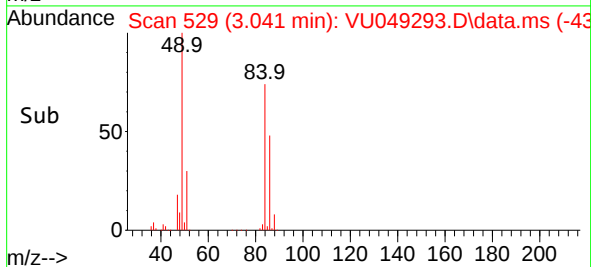
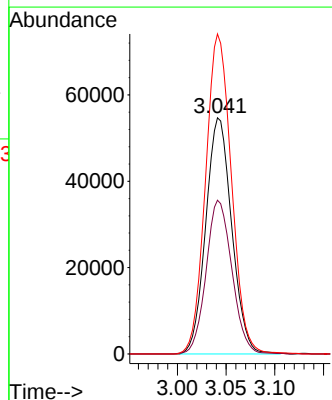
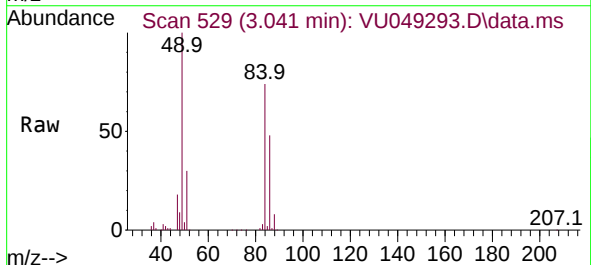
Instrument :
MSVOA_U
ClientSampleId :
VSTD050151

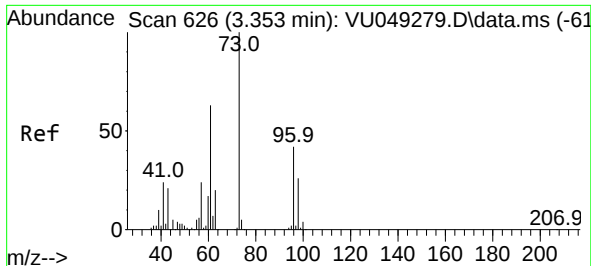
Tgt Ion: 43 Resp: 144099
Ion Ratio Lower Upper
43 100
74 21.5 19.0 28.6



#16
Methylene chloride
Concen: 45.252 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU049293.D
Acq: 18 Jun 2022 19:55

Tgt Ion: 84 Resp: 101530
Ion Ratio Lower Upper
84 100
86 65.1 45.8 85.0
49 135.5 83.4 155.0

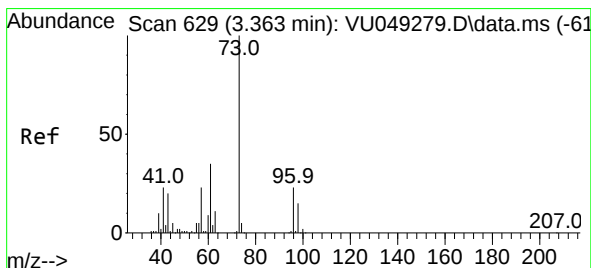
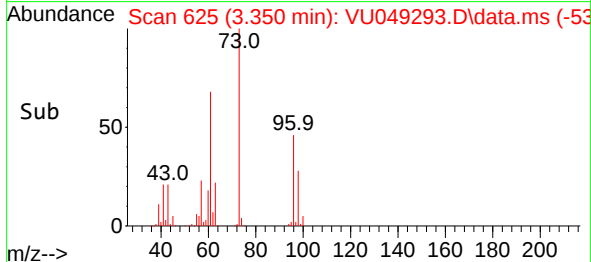
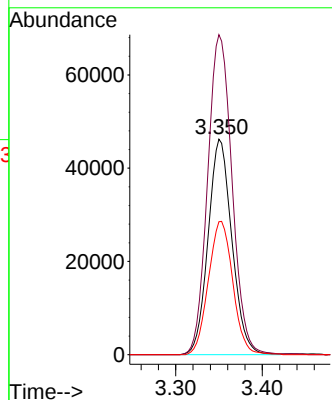
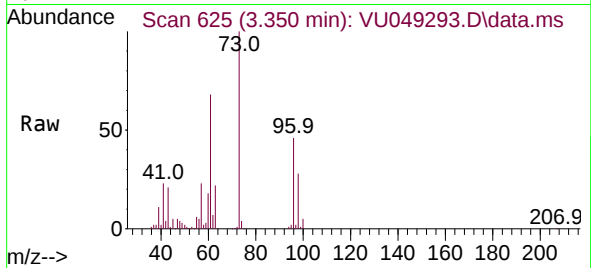




#17
trans-1,2-Dichloroethene
Concen: 46.604 ug/L
RT: 3.350 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU049293.D
Acq: 18 Jun 2022 19:55

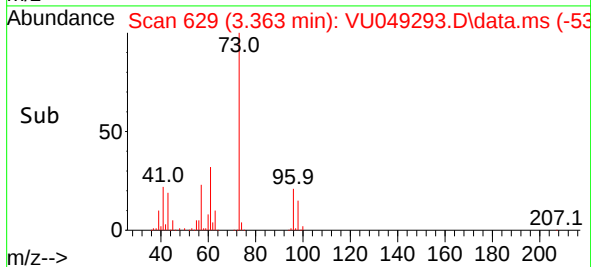
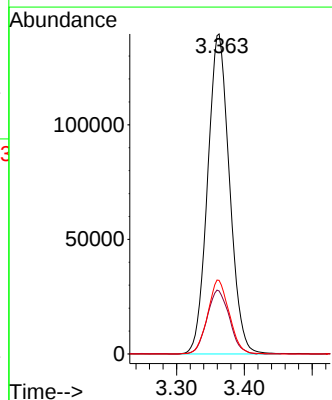
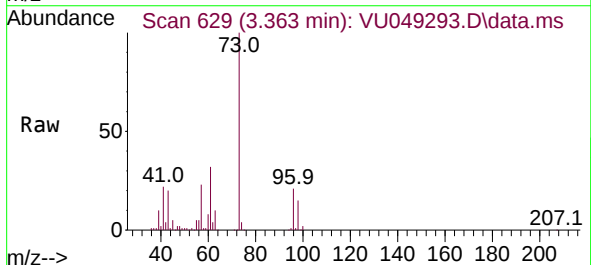
Instrument :
MSVOA_U
ClientSampleId :
VSTD050151

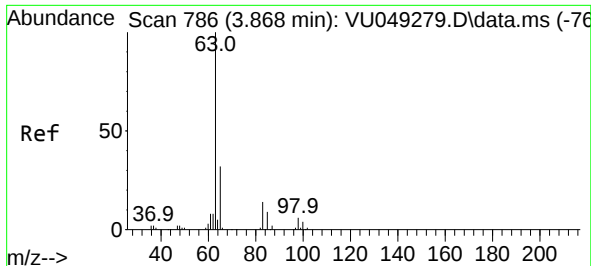
Tgt Ion: 96 Resp: 88286
Ion Ratio Lower Upper
96 100
61 148.5 99.3 184.3
98 61.7 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 44.177 ug/L
RT: 3.363 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU049293.D
Acq: 18 Jun 2022 19:55

Tgt Ion: 73 Resp: 313079
Ion Ratio Lower Upper
73 100
43 20.4 15.0 22.4
57 22.8 17.3 25.9





#19

1,1-Dichloroethane

Concen: 45.864 ug/L

RT: 3.868 min Scan# 786

Delta R.T. -0.000 min

Lab File: VU049293.D

Acq: 18 Jun 2022 19:55

Instrument :

MSVOA_U

ClientSampleId :

VSTD050151

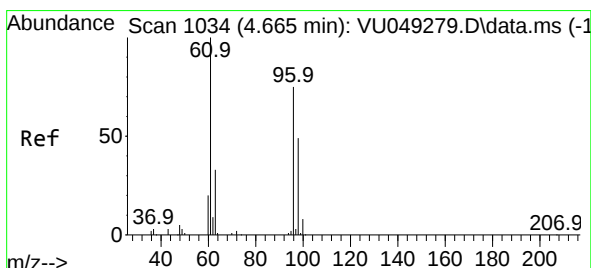
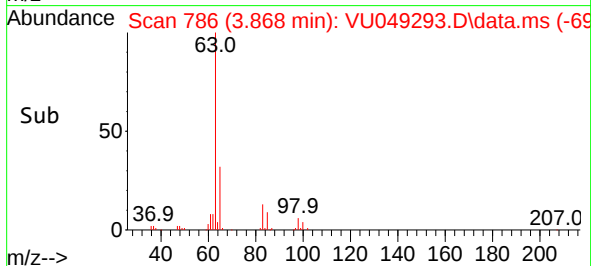
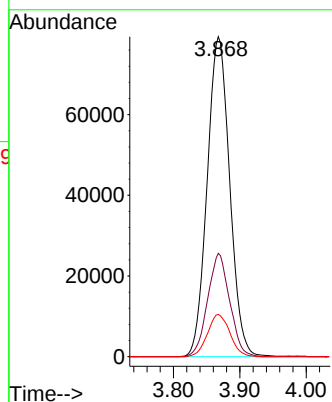
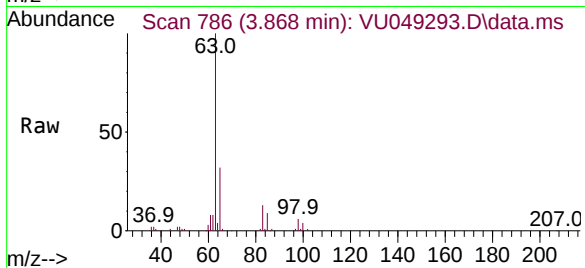
Tgt Ion: 63 Resp: 187176

Ion Ratio Lower Upper

63 100

65 32.3 22.3 41.5

83 13.2 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 45.334 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU049293.D

Acq: 18 Jun 2022 19:55

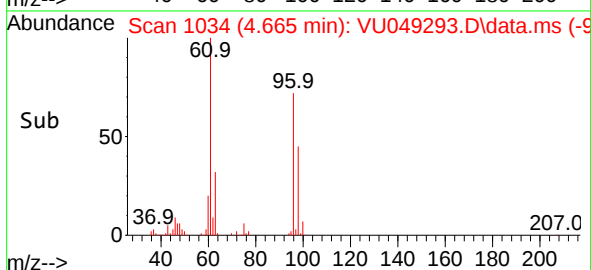
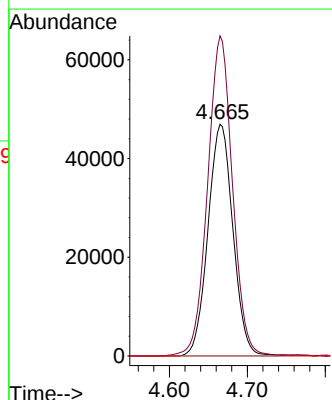
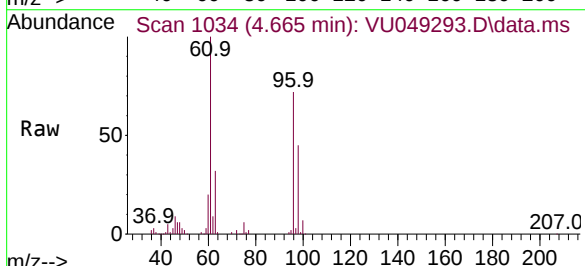
Tgt Ion: 96 Resp: 104483

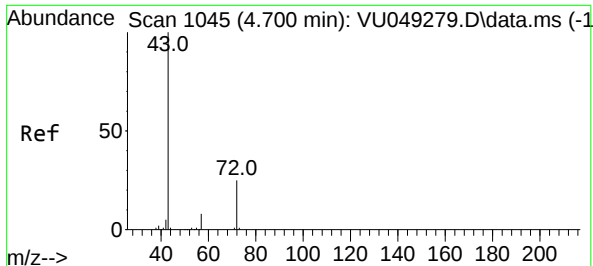
Ion Ratio Lower Upper

96 100

61 138.1 91.6 170.2

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 93.225 ug/L

RT: 4.697 min Scan# 1044

Delta R.T. -0.003 min

Lab File: VU049293.D

Acq: 18 Jun 2022 19:55

Instrument :

MSVOA_U

ClientSampleId :

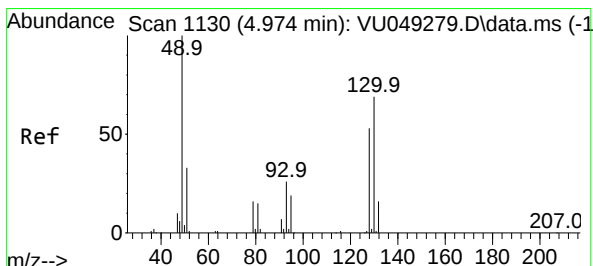
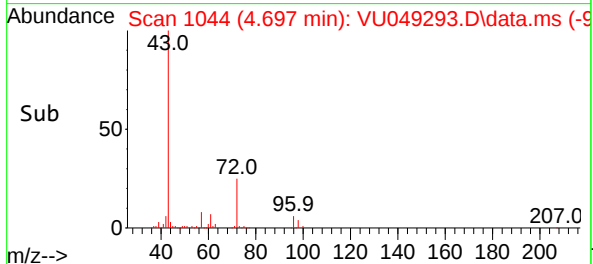
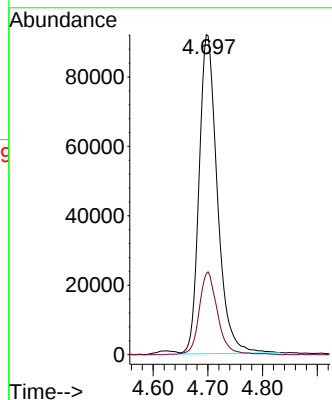
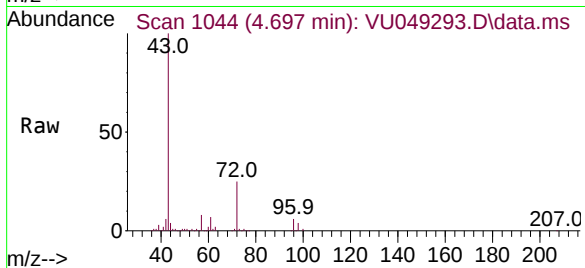
VSTD050151

Tgt Ion: 43 Resp: 212736

Ion Ratio Lower Upper

43 100

72 25.5 13.7 41.0



#23

Bromochloromethane

Concen: 42.971 ug/L

RT: 4.974 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VU049293.D

Acq: 18 Jun 2022 19:55

Tgt Ion:128 Resp: 51980

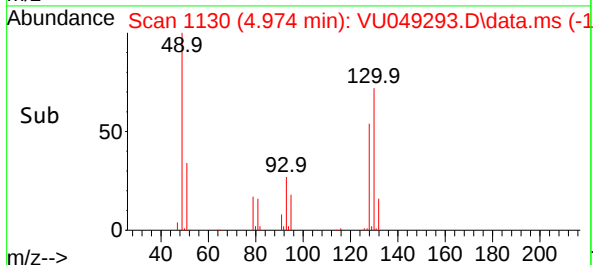
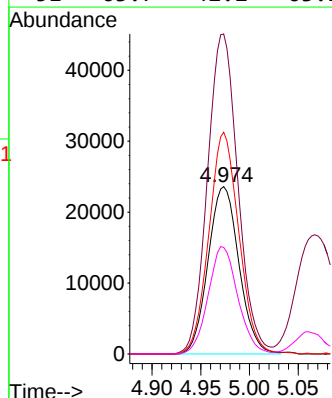
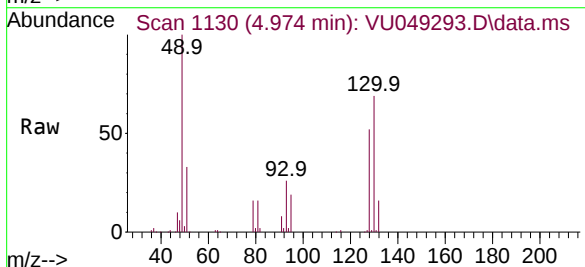
Ion Ratio Lower Upper

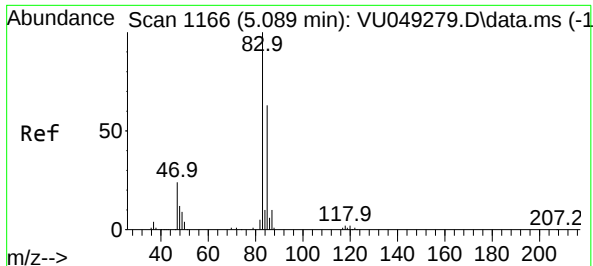
128 100

49 191.2 111.9 207.9

130 132.5 88.6 164.6

51 63.7 42.2 63.2#





#25

Chloroform

Concen: 44.240 ug/L

RT: 5.086 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU049293.D

Acq: 18 Jun 2022 19:55

Instrument :

MSVOA_U

ClientSampleId :

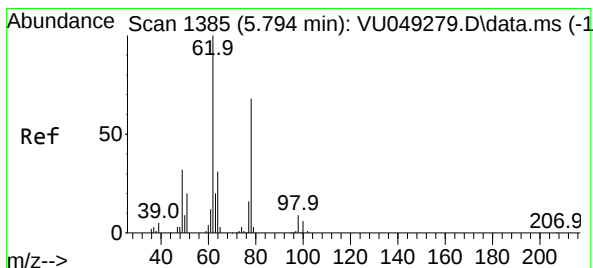
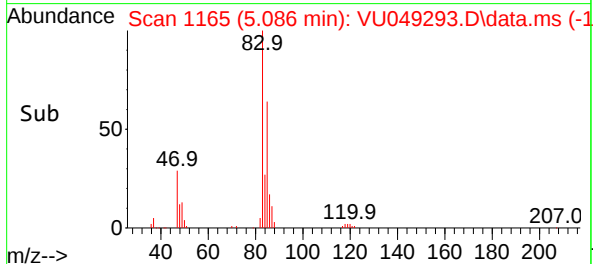
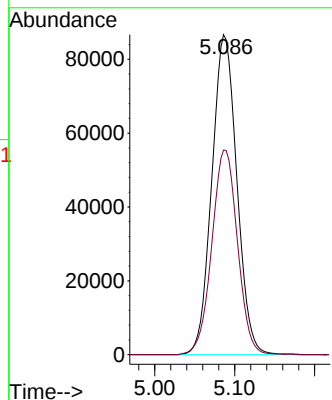
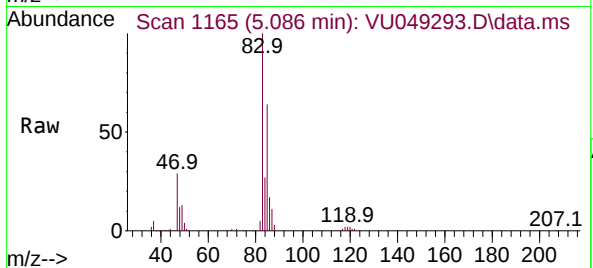
VSTD050151

Tgt Ion: 83 Resp: 188164

Ion Ratio Lower Upper

83 100

85 64.0 45.1 83.9



#27

1,2-Dichloroethane

Concen: 42.345 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU049293.D

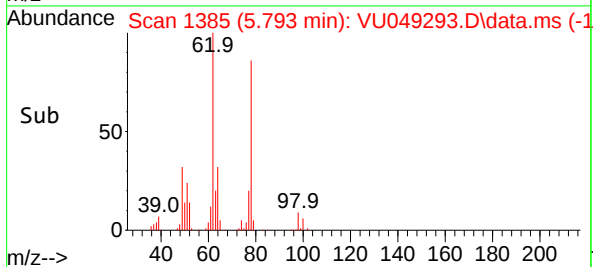
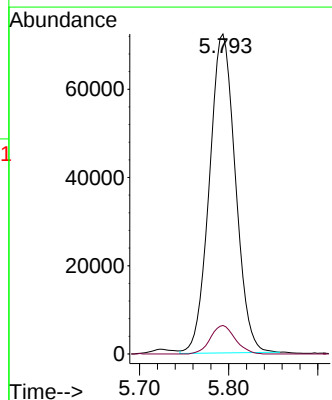
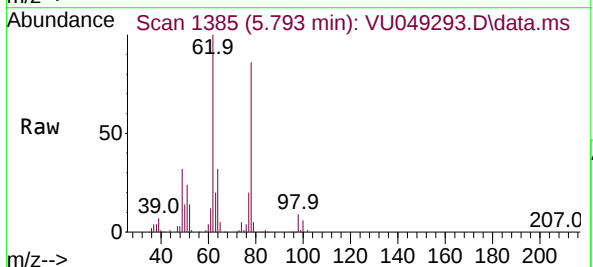
Acq: 18 Jun 2022 19:55

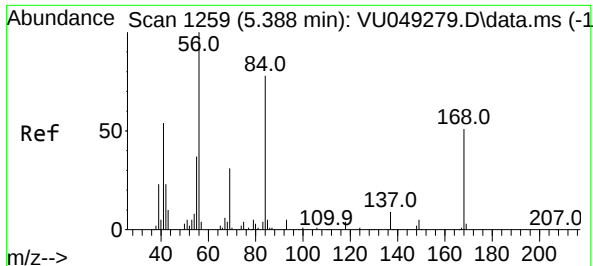
Tgt Ion: 62 Resp: 146614

Ion Ratio Lower Upper

62 100

98 8.9 7.0 10.4





#29

Cyclohexane

Concen: 61.049 ug/L

RT: 5.388 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU049293.D

Acq: 18 Jun 2022 19:55

Instrument :

MSVOA_U

ClientSampleId :

VSTD050151

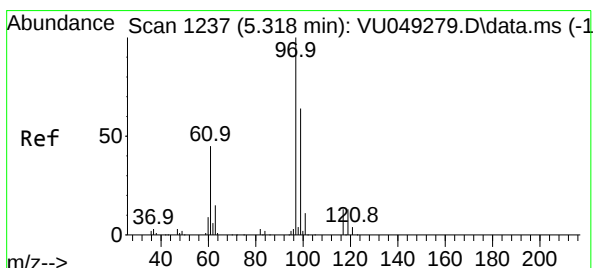
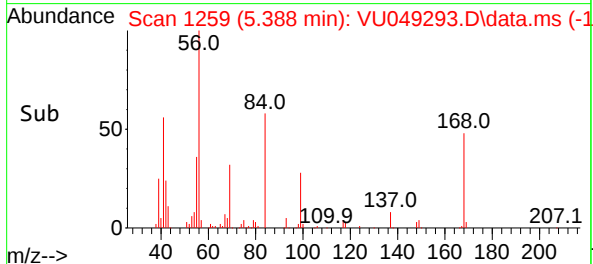
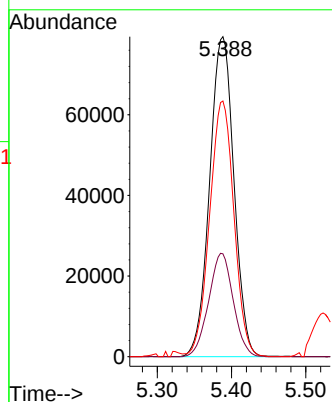
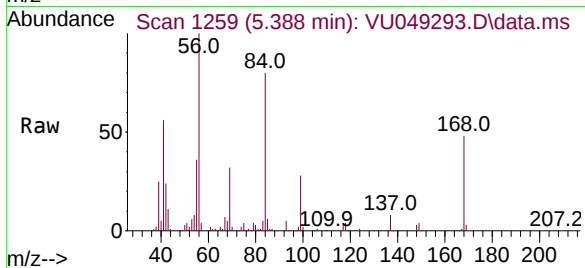
Tgt Ion: 56 Resp: 180683

Ion Ratio Lower Upper

56 100

69 32.6 24.6 36.8

84 79.9 69.7 104.5



#30

1,1,1-Trichloroethane

Concen: 43.470 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU049293.D

Acq: 18 Jun 2022 19:55

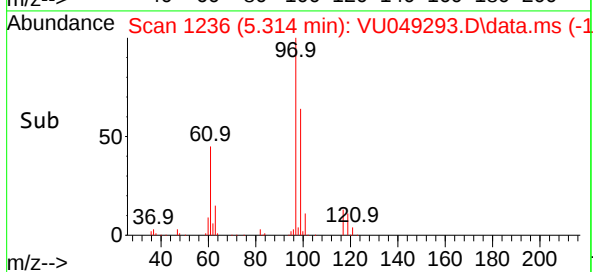
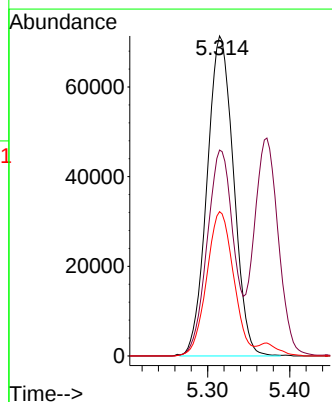
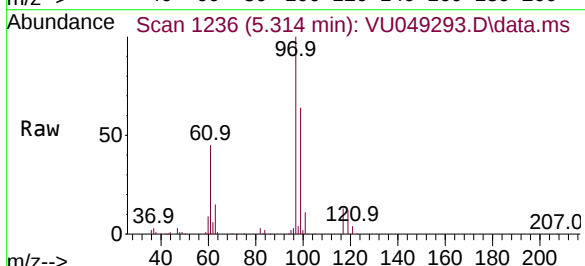
Tgt Ion: 97 Resp: 160324

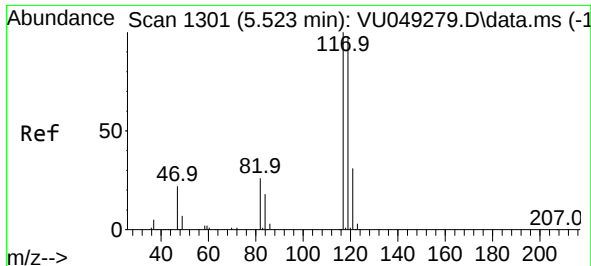
Ion Ratio Lower Upper

97 100

99 64.0 50.9 76.3

61 45.8 34.2 51.2

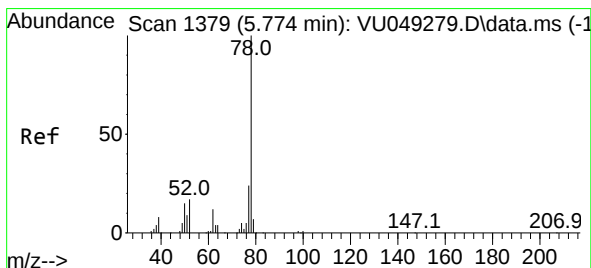
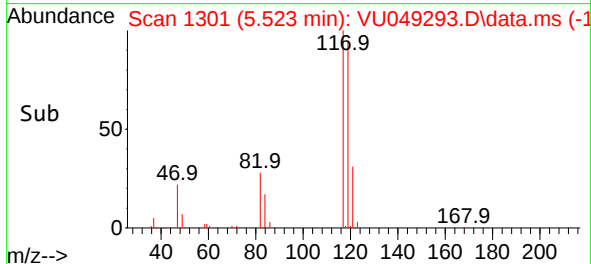
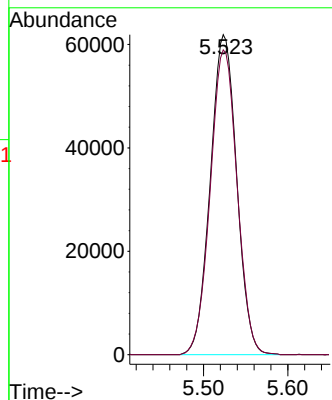
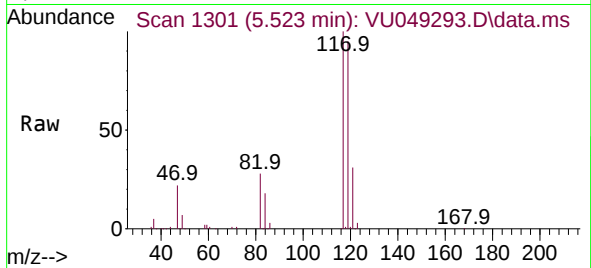




#31
Carbon tetrachloride
Concen: 41.724 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.000 min
Lab File: VU049293.D
Acq: 18 Jun 2022 19:55

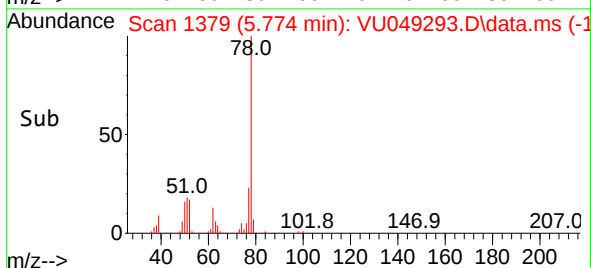
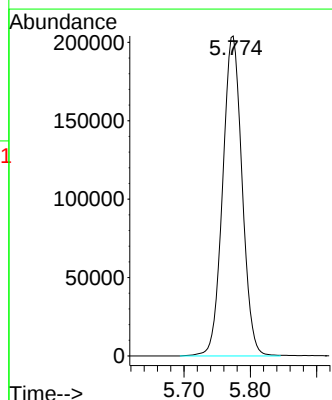
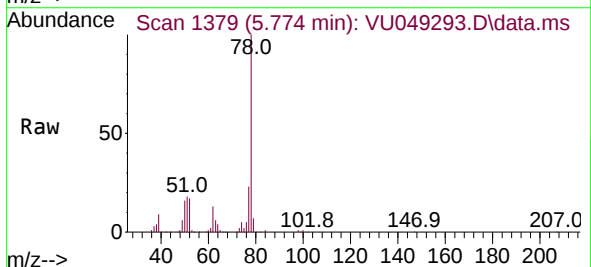
Instrument :
MSVOA_U
ClientSampleId :
VSTD050151

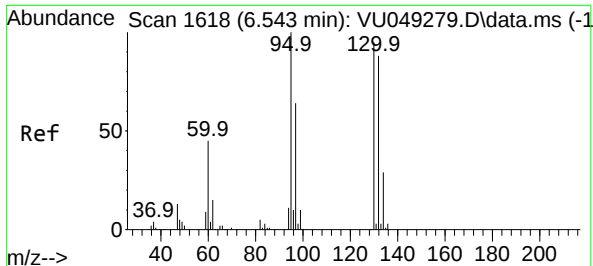
Tgt Ion:117 Resp: 134584
Ion Ratio Lower Upper
117 100
119 96.9 76.5 114.7



#33
Benzene
Concen: 48.417 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU049293.D
Acq: 18 Jun 2022 19:55

Tgt Ion: 78 Resp: 414834

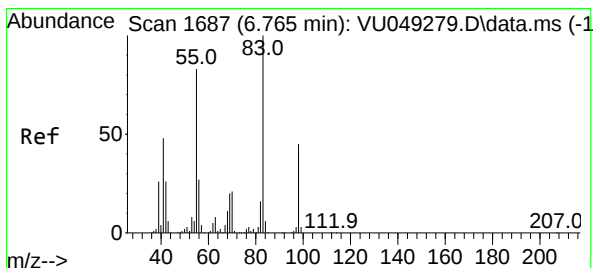
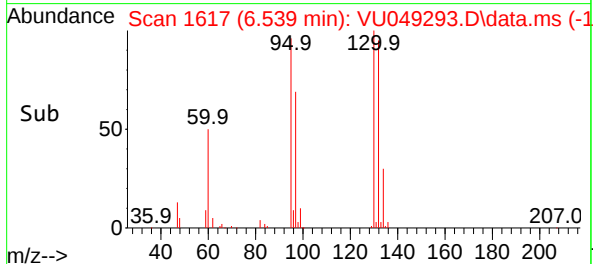
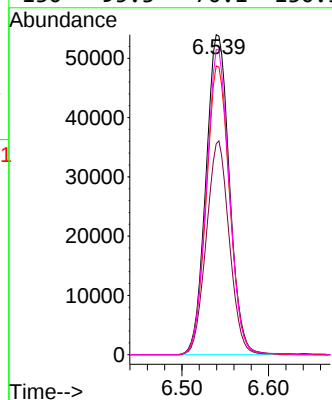
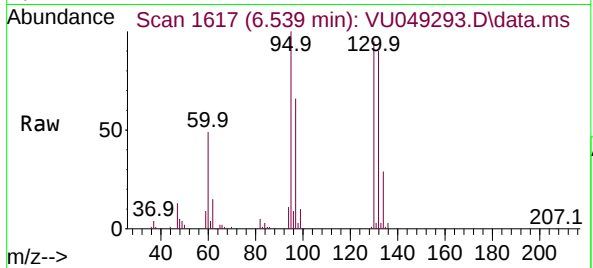




#34
Trichloroethene
Concen: 47.088 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU049293.D
Acq: 18 Jun 2022 19:55

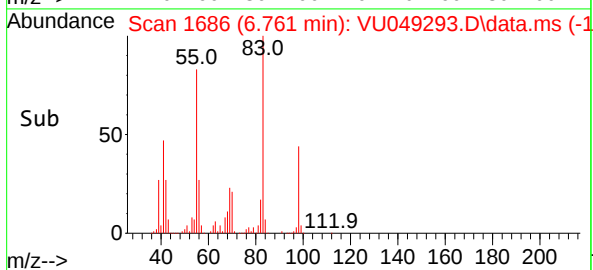
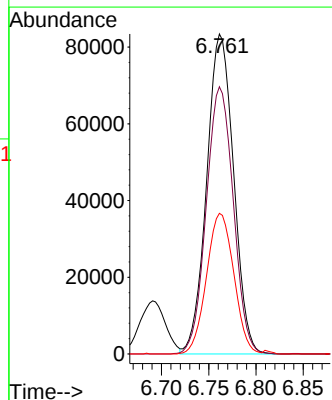
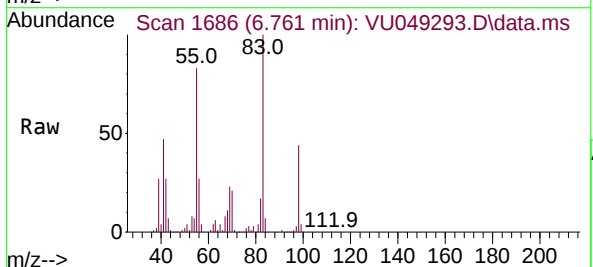
Instrument :
MSVOA_U
ClientSampleId :
VSTD050151

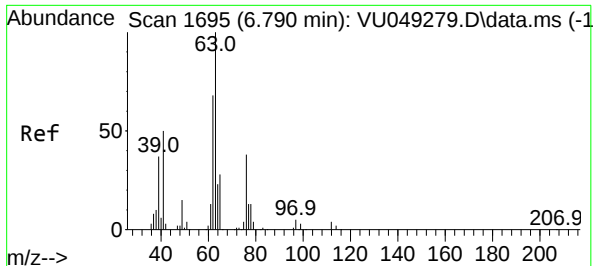
Tgt Ion: 95 Resp: 101696
Ion Ratio Lower Upper
95 100
97 65.9 45.4 84.4
132 90.3 67.6 125.6
130 95.3 70.1 130.3



#35
Methylcyclohexane
Concen: 54.907 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU049293.D
Acq: 18 Jun 2022 19:55

Tgt Ion: 83 Resp: 165522
Ion Ratio Lower Upper
83 100
55 83.9 61.0 91.6
98 44.5 36.8 55.2





#37

1,2-Dichloropropane

Concen: 47.756 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU049293.D

Acq: 18 Jun 2022 19:55

Instrument :

MSVOA_U

ClientSampleId :

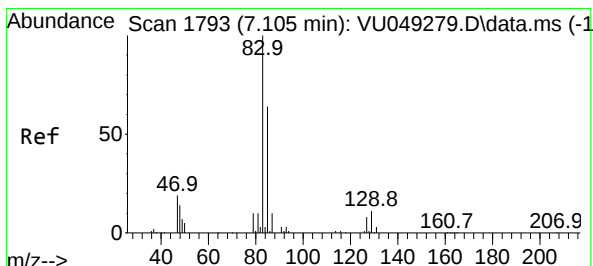
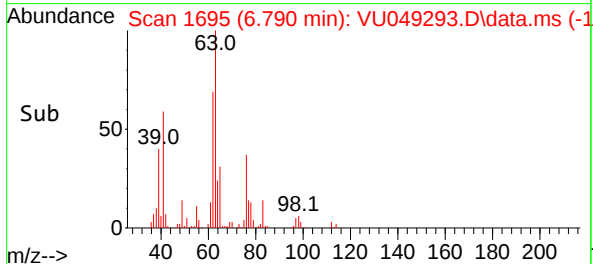
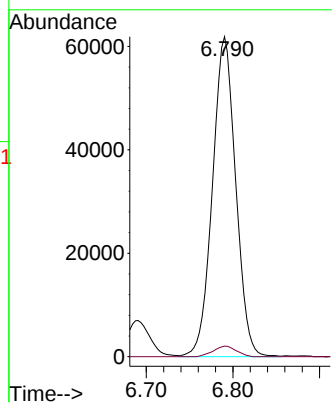
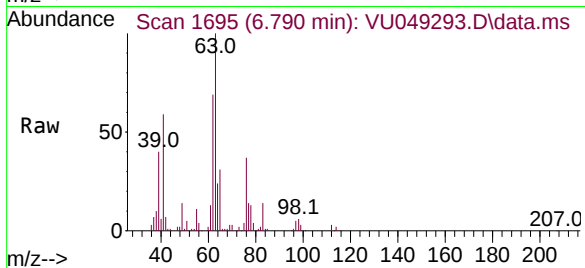
VSTD050151

Tgt Ion: 63 Resp: 115383

Ion Ratio Lower Upper

63 100

112 3.3 3.2 4.8



#38

Bromodichloromethane

Concen: 43.985 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU049293.D

Acq: 18 Jun 2022 19:55

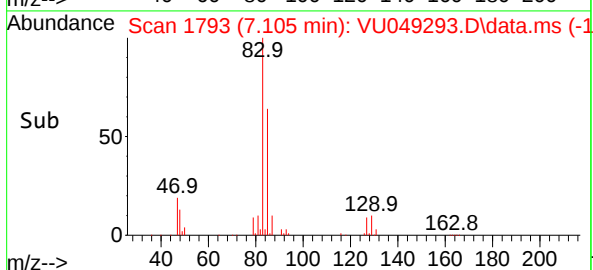
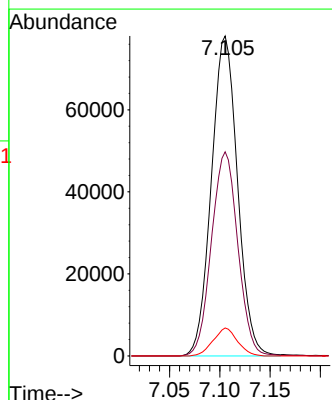
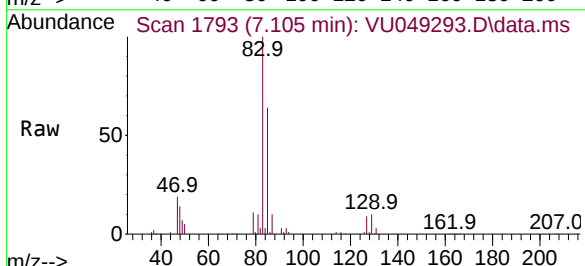
Tgt Ion: 83 Resp: 141094

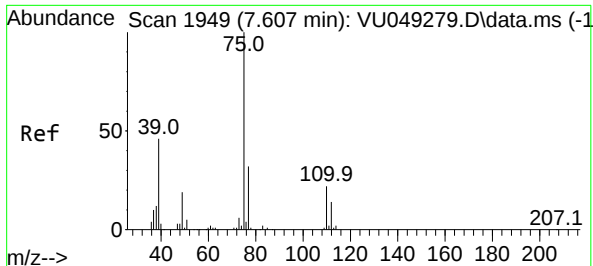
Ion Ratio Lower Upper

83 100

85 63.8 44.0 81.6

127 8.8 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 46.124 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU049293.D

Acq: 18 Jun 2022 19:55

Instrument :

MSVOA_U

ClientSampleId :

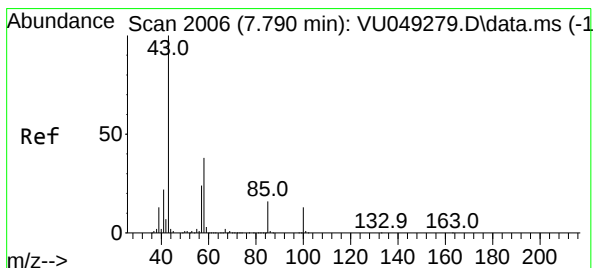
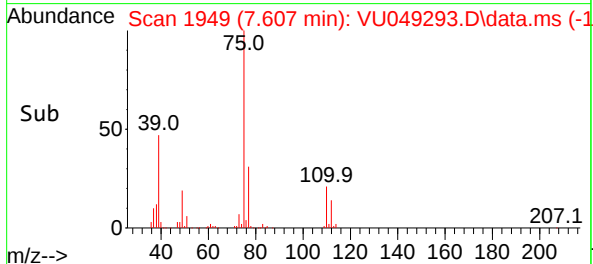
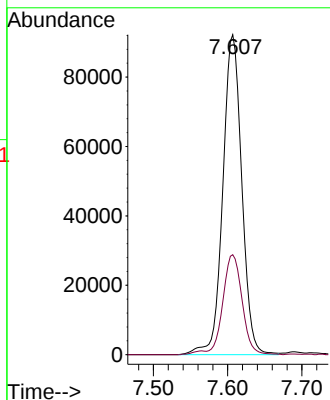
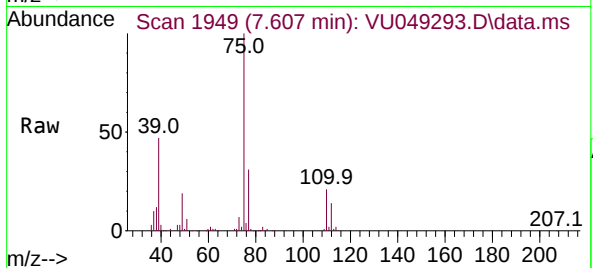
VSTD050151

Tgt Ion: 75 Resp: 163976

Ion Ratio Lower Upper

75 100

77 31.3 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 98.391 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU049293.D

Acq: 18 Jun 2022 19:55

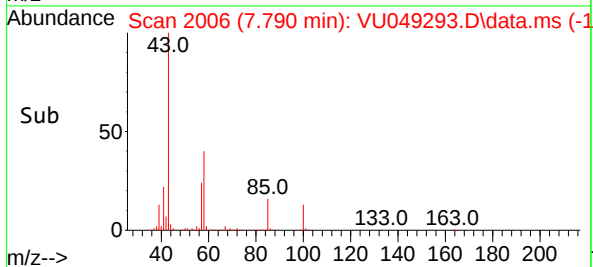
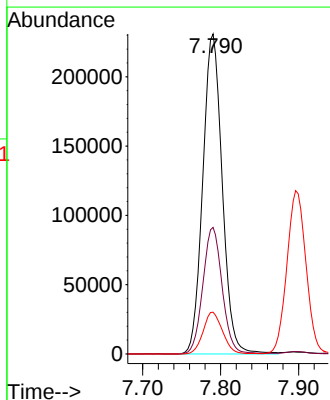
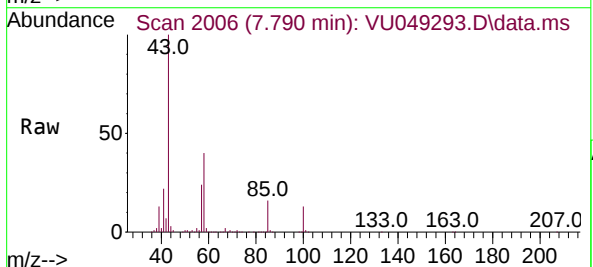
Tgt Ion: 43 Resp: 400501

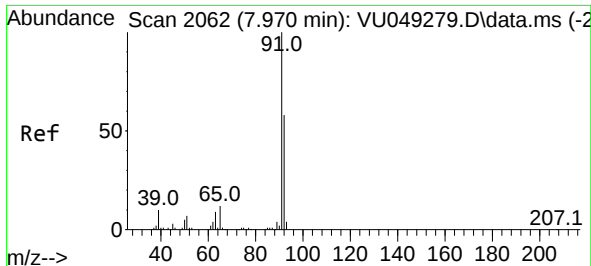
Ion Ratio Lower Upper

43 100

58 39.3 32.2 48.4

100 13.0 12.3 18.5





#42

Toluene

Concen: 47.878 ug/L

RT: 7.967 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU049293.D

Acq: 18 Jun 2022 19:55

Instrument :

MSVOA_U

ClientSampleId :

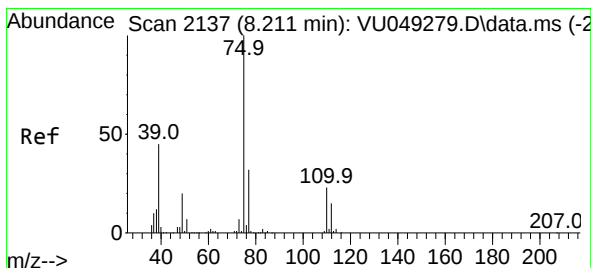
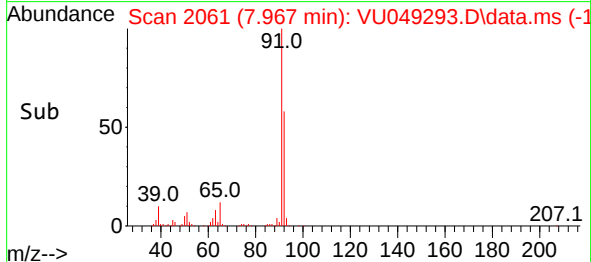
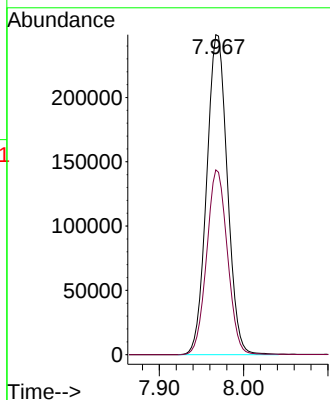
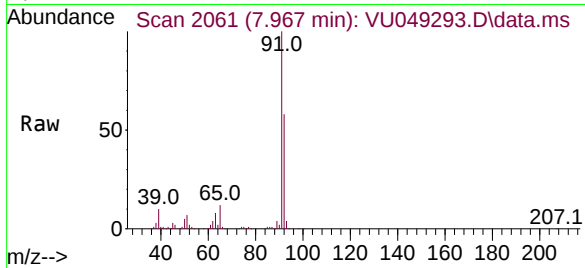
VSTD050151

Tgt Ion: 91 Resp: 423994

Ion Ratio Lower Upper

91 100

92 57.7 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 43.546 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU049293.D

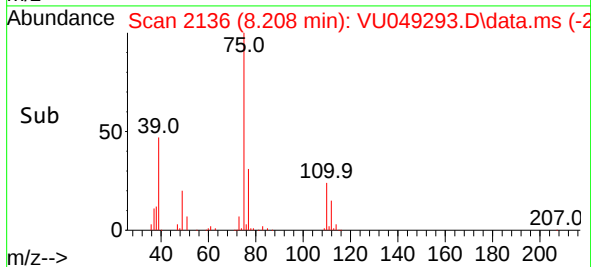
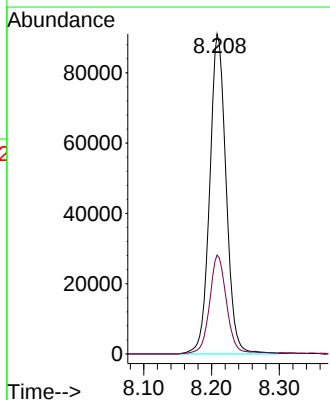
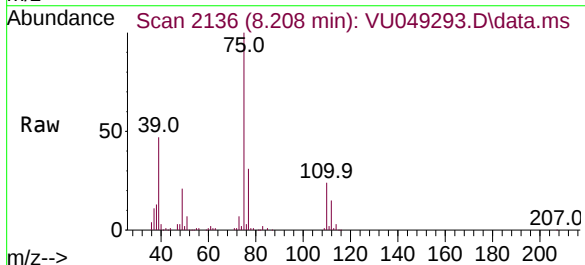
Acq: 18 Jun 2022 19:55

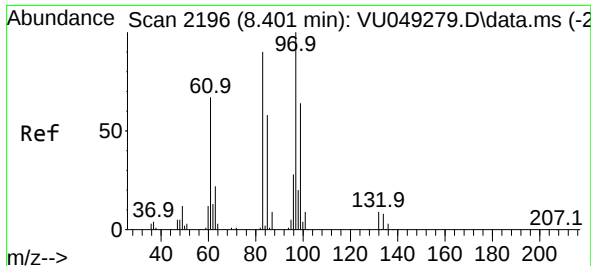
Tgt Ion: 75 Resp: 153294

Ion Ratio Lower Upper

75 100

77 30.9 21.9 40.7



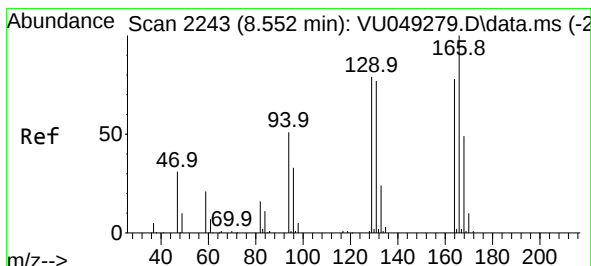
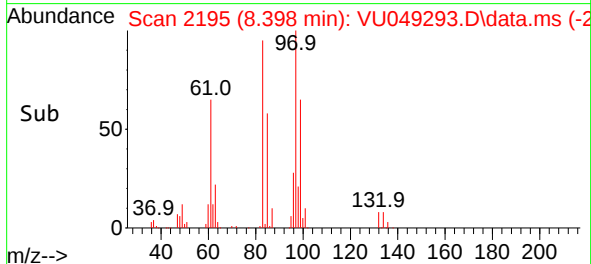
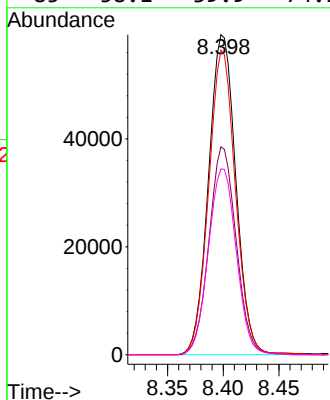
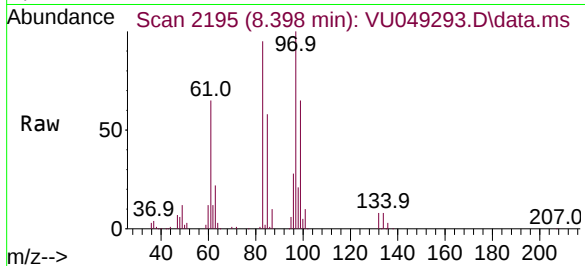


#45
1,1,2-Trichloroethane
Concen: 43.151 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VU049293.D
Acq: 18 Jun 2022 19:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD050151

Tgt Ion: 97 Resp: 101025

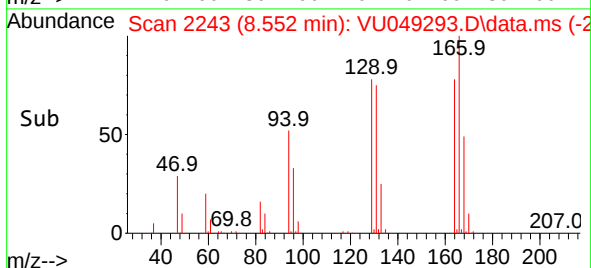
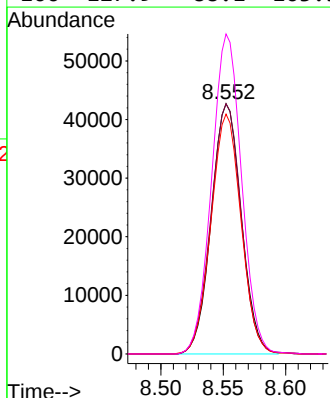
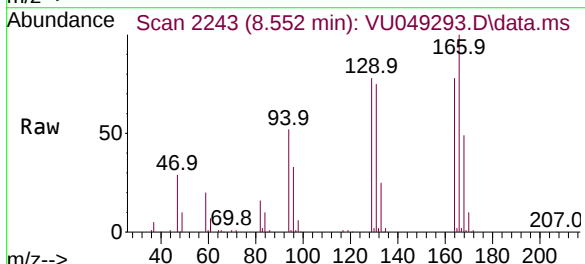
Ion	Ratio	Lower	Upper
97	100		
99	64.9	43.5	80.9
83	95.1	60.3	112.1
85	58.1	39.9	74.1

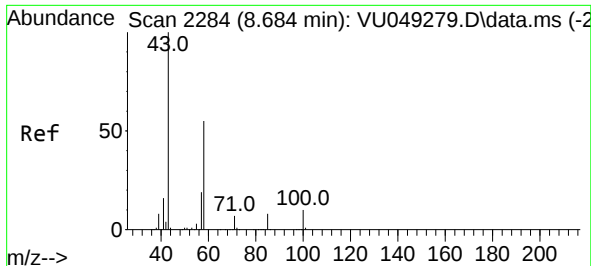


#46
Tetrachloroethene
Concen: 42.656 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049293.D
Acq: 18 Jun 2022 19:55

Tgt Ion: 164 Resp: 71421

Ion	Ratio	Lower	Upper
164	100		
129	100.0	70.9	131.7
131	95.8	66.2	123.0
166	127.9	88.1	163.5

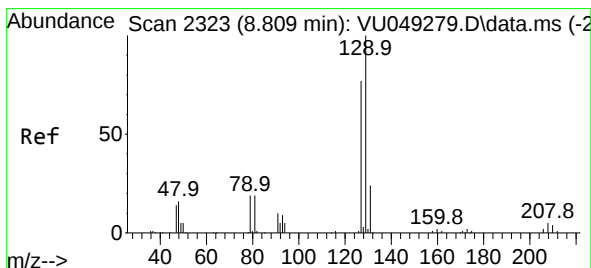
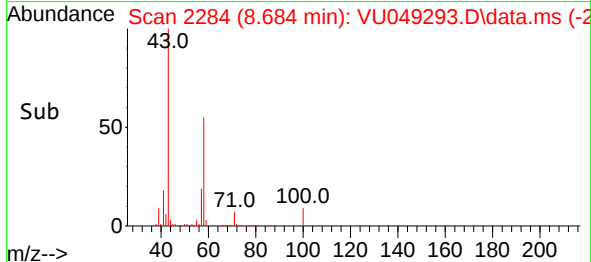
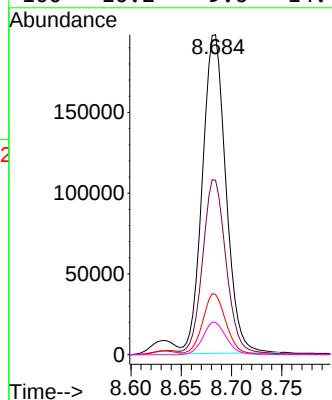
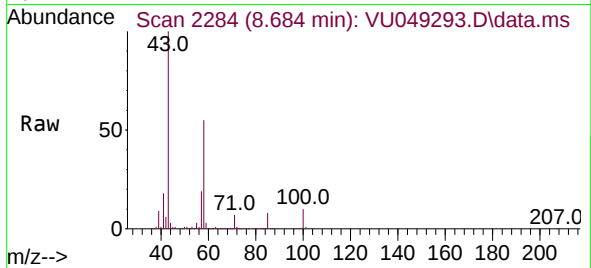




#48
2-Hexanone
Concen: 97.108 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU049293.D
Acq: 18 Jun 2022 19:55

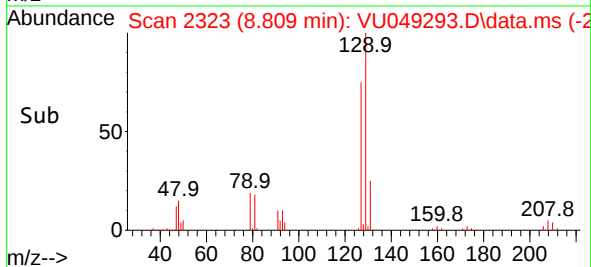
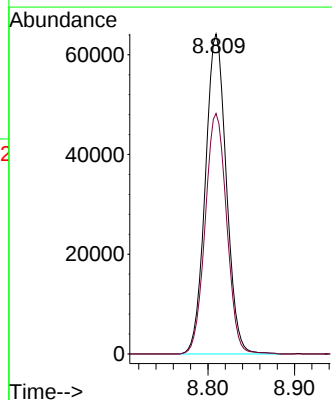
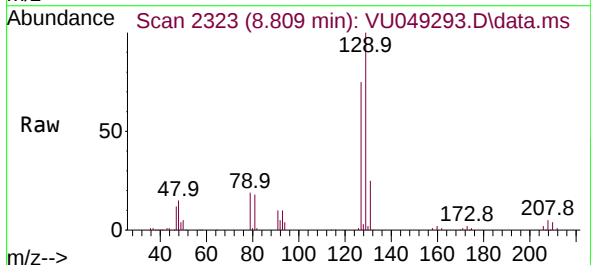
Instrument :
MSVOA_U
ClientSampleId :
VSTD050151

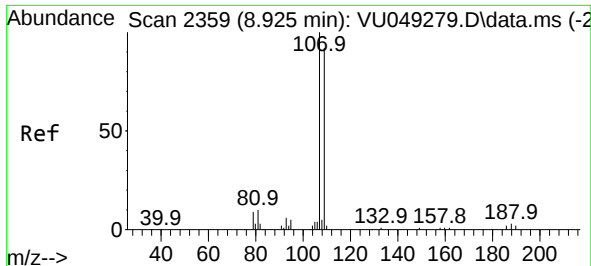
Tgt Ion: 43 Resp: 321346
Ion Ratio Lower Upper
43 100
58 55.8 45.8 68.8
57 19.1 16.2 24.4
100 10.2 9.6 14.4



#49
Dibromochloromethane
Concen: 41.422 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU049293.D
Acq: 18 Jun 2022 19:55

Tgt Ion: 129 Resp: 107975
Ion Ratio Lower Upper
129 100
127 75.2 53.5 99.5

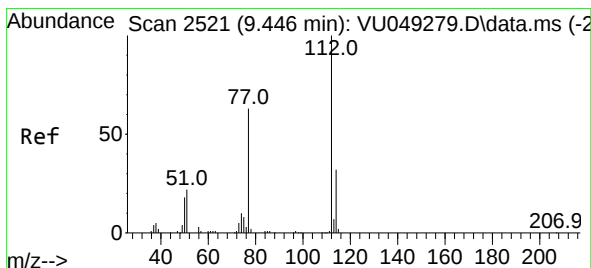
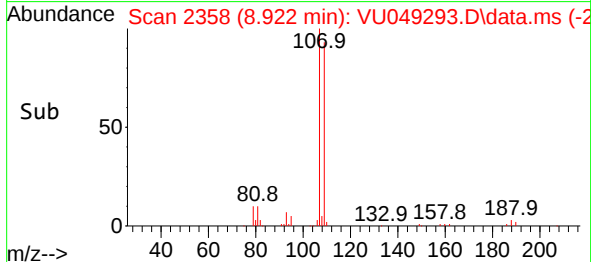
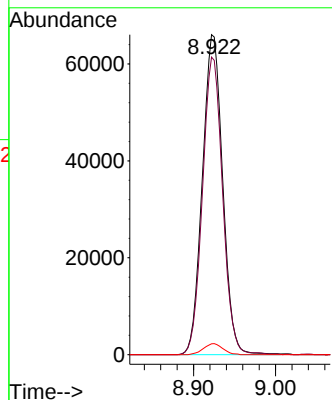
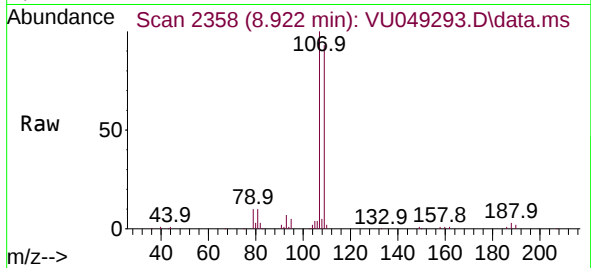




#50
1,2-Dibromoethane
Concen: 46.102 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049293.D
Acq: 18 Jun 2022 19:55

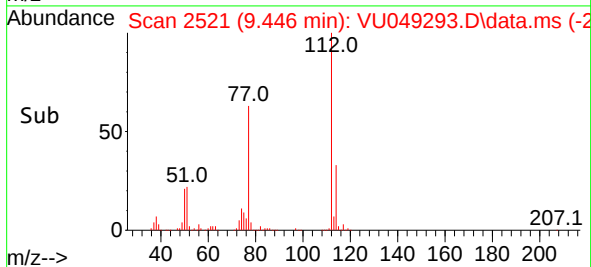
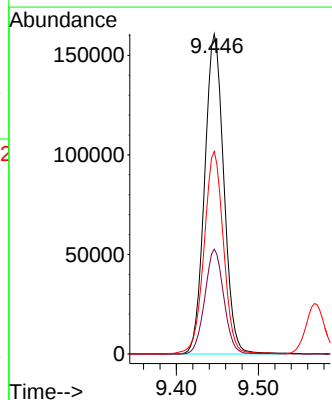
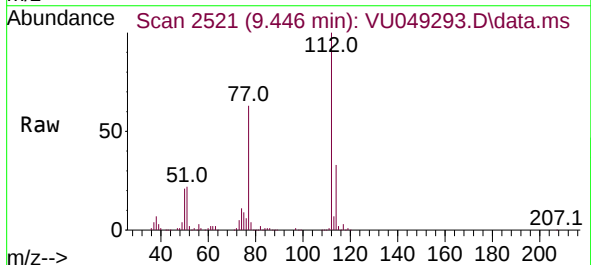
Instrument :
MSVOA_U
ClientSampleId :
VSTD050151

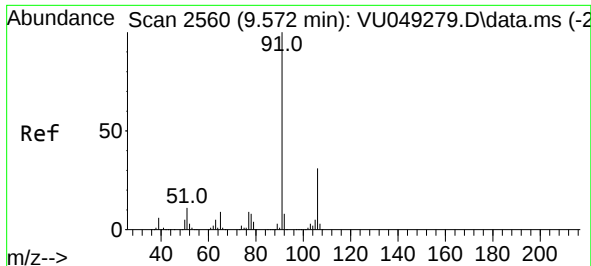
Tgt Ion:107 Resp: 113548
Ion Ratio Lower Upper
107 100
109 93.0 67.2 124.8
188 3.4 2.7 4.1



#51
Chlorobenzene
Concen: 43.621 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU049293.D
Acq: 18 Jun 2022 19:55

Tgt Ion:112 Resp: 261132
Ion Ratio Lower Upper
112 100
114 32.8 22.3 41.3
77 63.3 47.1 70.7

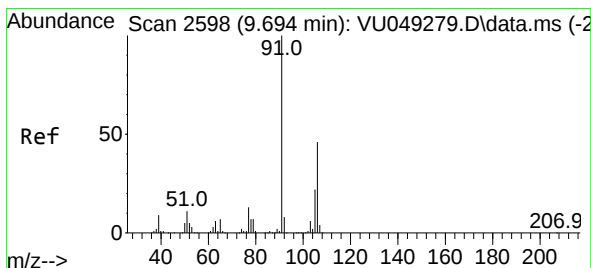
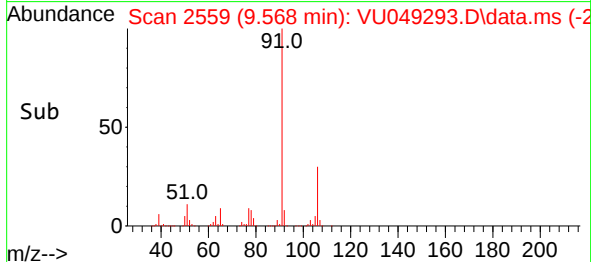
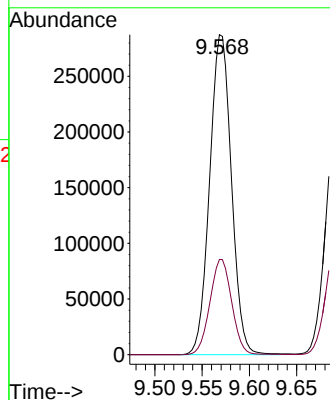
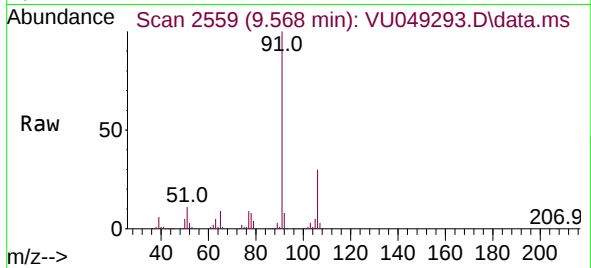




#52
Ethylbenzene
Concen: 47.783 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU049293.D
Acq: 18 Jun 2022 19:55

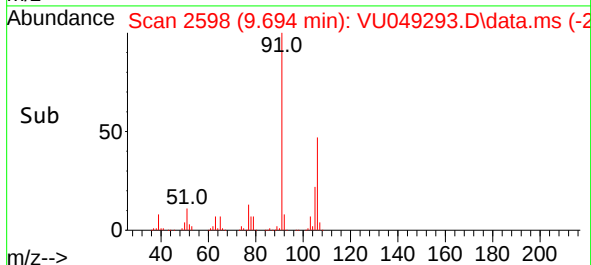
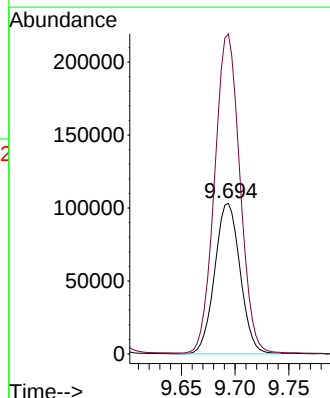
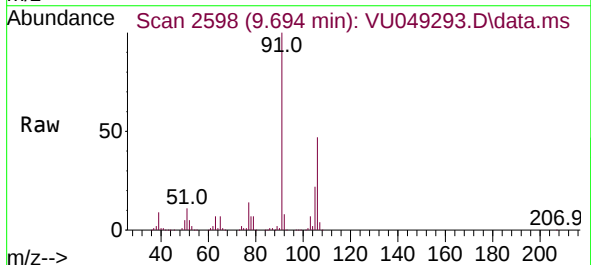
Instrument :
MSVOA_U
ClientSampleId :
VSTD050151

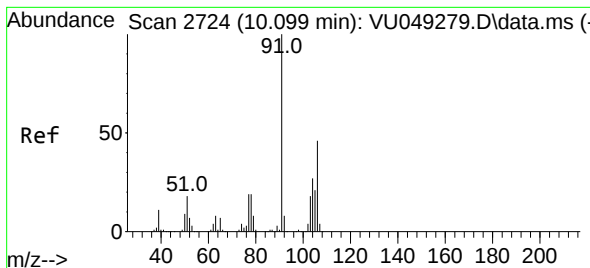
Tgt Ion: 91 Resp: 460080
Ion Ratio Lower Upper
91 100
106 29.7 21.6 40.2



#53
m,p-Xylene
Concen: 44.810 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU049293.D
Acq: 18 Jun 2022 19:55

Tgt Ion: 106 Resp: 169433
Ion Ratio Lower Upper
106 100
91 212.3 137.4 255.2





#54

o-Xylene

Concen: 44.523 ug/L

RT: 10.099 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU049293.D

Acq: 18 Jun 2022 19:55

Instrument :

MSVOA_U

ClientSampleId :

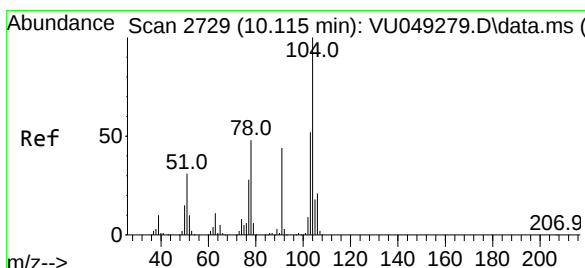
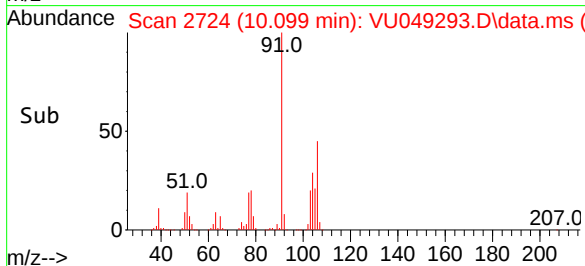
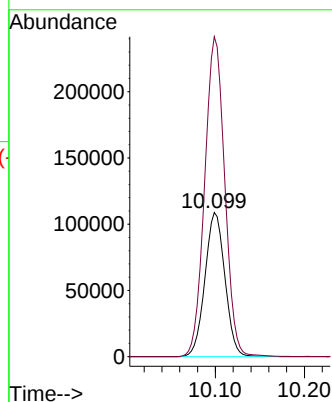
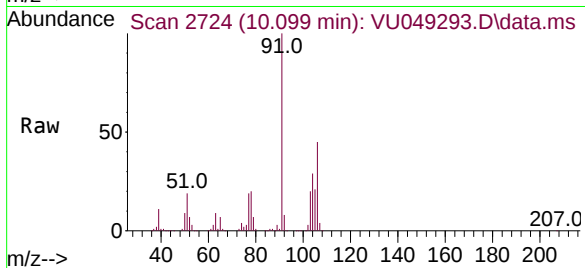
VSTD050151

Tgt Ion:106 Resp: 169615

Ion Ratio Lower Upper

106 100

91 222.0 145.2 269.6



#55

Styrene

Concen: 45.156 ug/L

RT: 10.112 min Scan# 2728

Delta R.T. -0.003 min

Lab File: VU049293.D

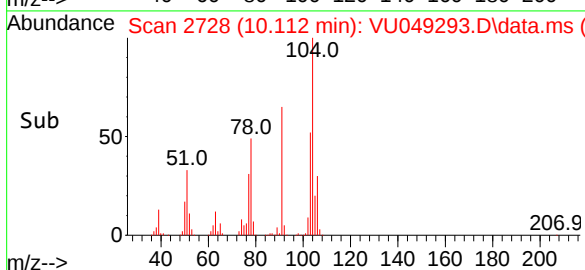
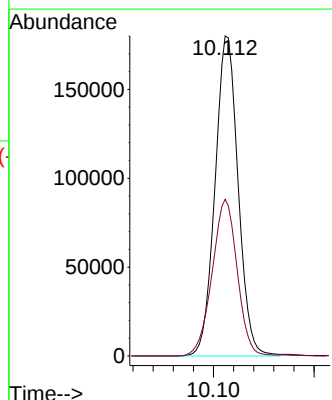
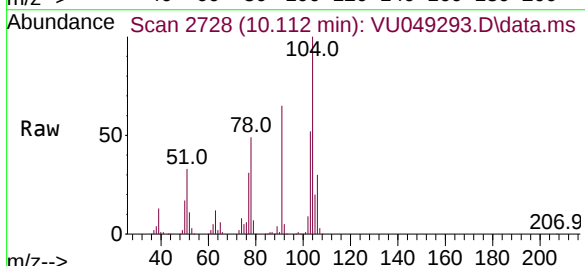
Acq: 18 Jun 2022 19:55

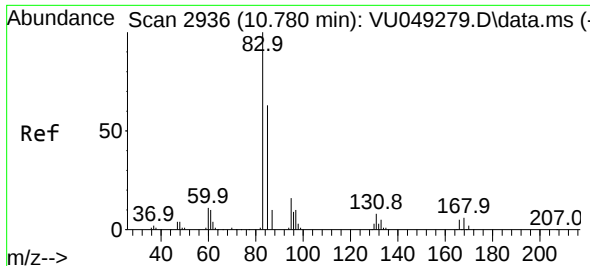
Tgt Ion:104 Resp: 287274

Ion Ratio Lower Upper

104 100

78 48.9 32.6 60.6

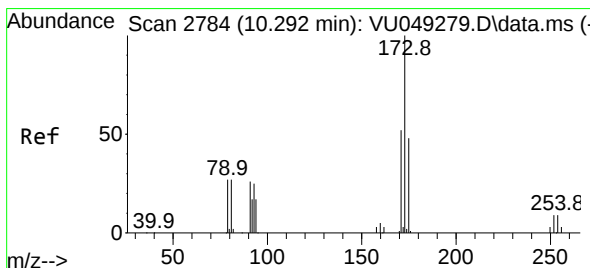
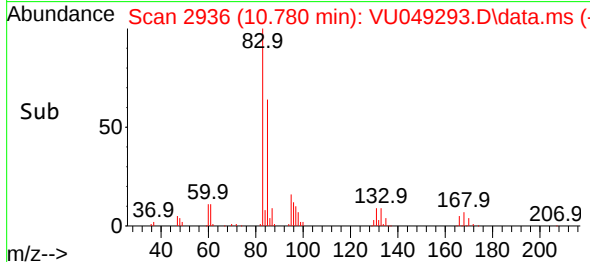
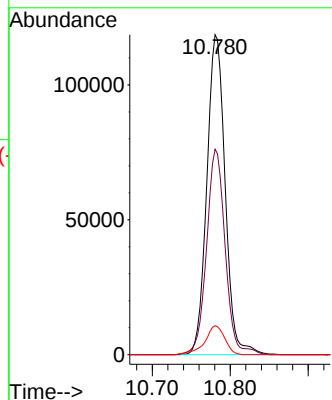
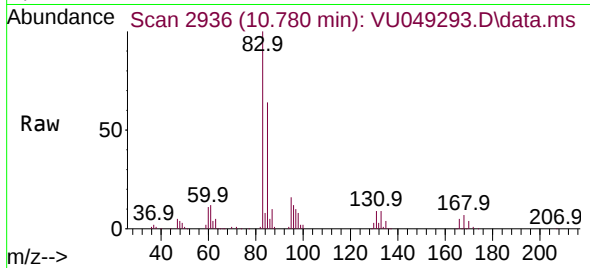




#57
1,1,2,2-Tetrachloroethane
Concen: 44.429 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU049293.D
Acq: 18 Jun 2022 19:55

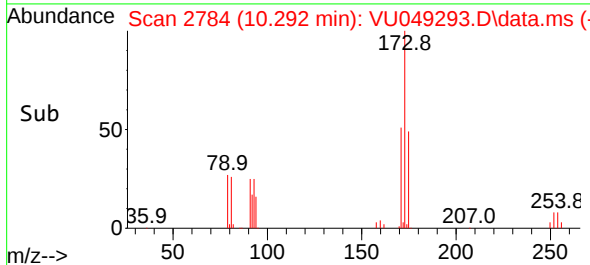
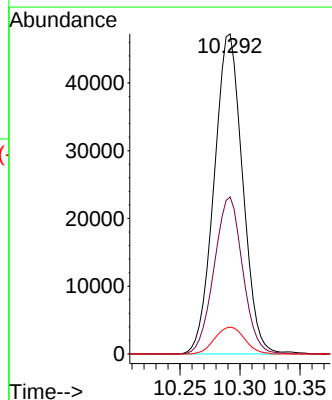
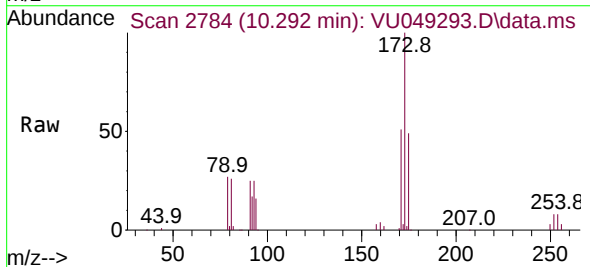
Instrument :
MSVOA_U
ClientSampleId :
VSTD050151

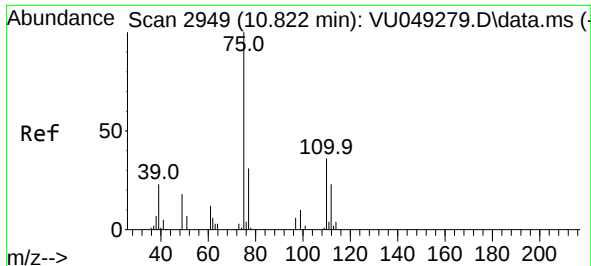
Tgt Ion: 83 Resp: 193841
Ion Ratio Lower Upper
83 100
85 64.2 44.5 82.7
131 9.1 7.6 11.4



#59
Bromoform
Concen: 38.901 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU049293.D
Acq: 18 Jun 2022 19:55

Tgt Ion: 173 Resp: 77909
Ion Ratio Lower Upper
173 100
175 49.3 37.8 56.8
254 8.8 7.2 10.8

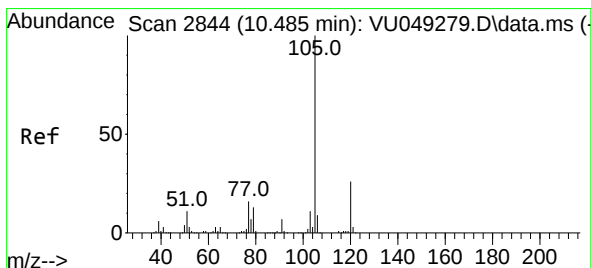
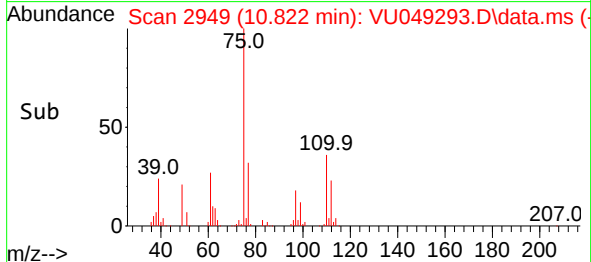
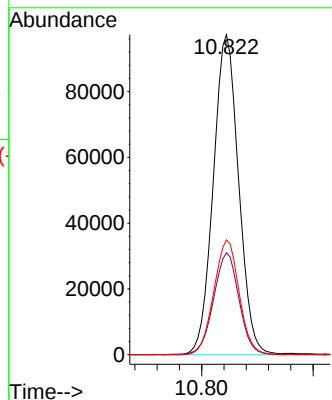
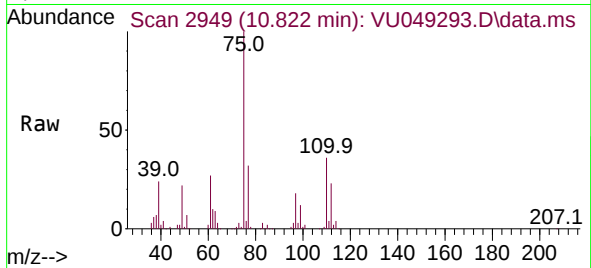




#60
1,2,3-Trichloropropane
Concen: 44.611 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU049293.D
Acq: 18 Jun 2022 19:55

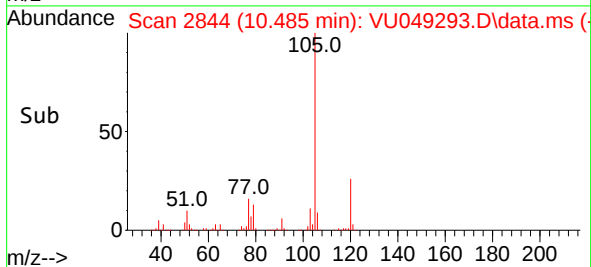
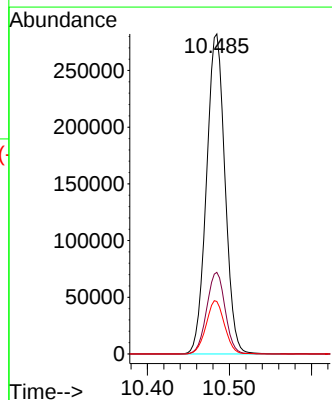
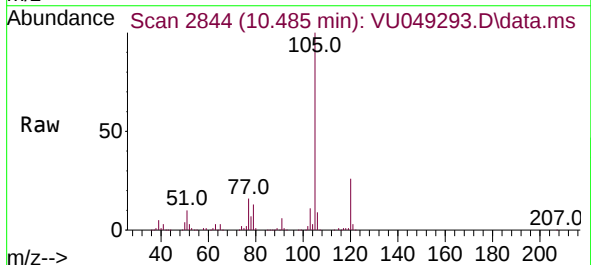
Instrument :
MSVOA_U
ClientSampleId :
VSTD050151

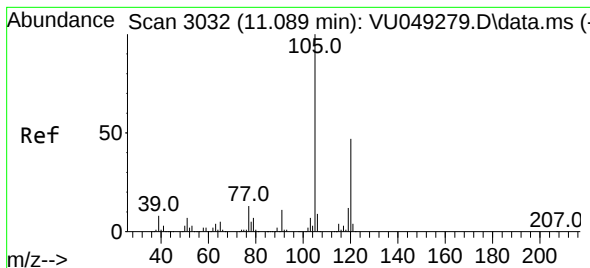
Tgt Ion: 75 Resp: 153565
Ion Ratio Lower Upper
75 100
77 32.0 26.6 40.0
110 35.8 30.2 45.4



#61
Isopropylbenzene
Concen: 48.003 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU049293.D
Acq: 18 Jun 2022 19:55

Tgt Ion: 105 Resp: 442498
Ion Ratio Lower Upper
105 100
120 25.5 21.1 31.7
77 16.7 12.7 19.1





#62

1,3,5-Trimethylbenzene

Concen: 40.427 ug/L

RT: 11.086 min Scan# 3032

Delta R.T. -0.003 min

Lab File: VU049293.D

Acq: 18 Jun 2022 19:55

Instrument :

MSVOA_U

ClientSampleId :

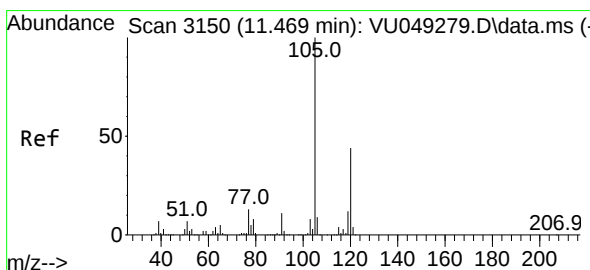
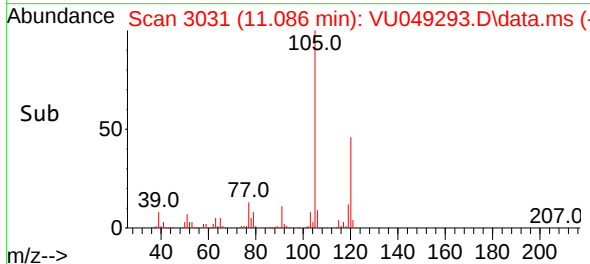
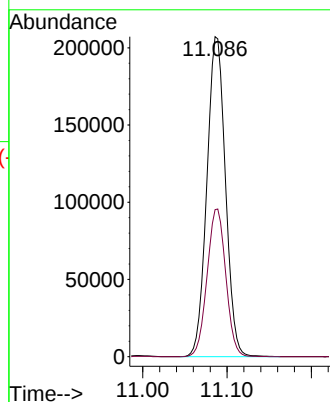
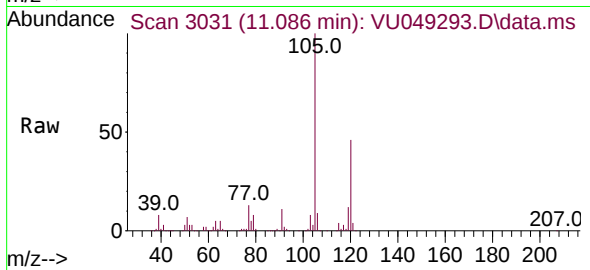
VSTD050151

Tgt Ion:105 Resp: 318162

Ion Ratio Lower Upper

105 100

120 46.4 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 61.775 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. -0.003 min

Lab File: VU049293.D

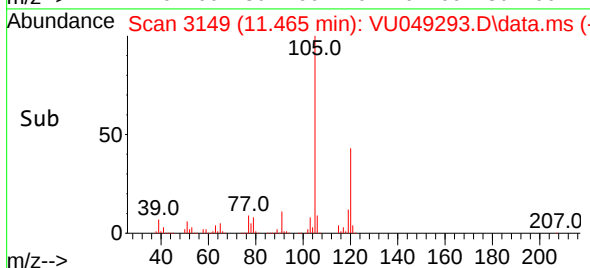
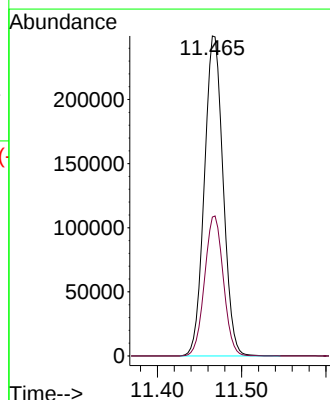
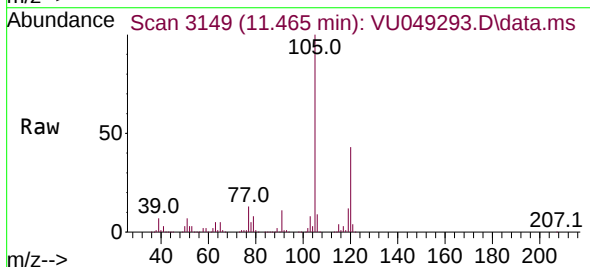
Acq: 18 Jun 2022 19:55

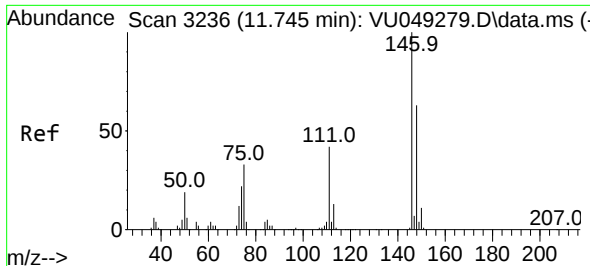
Tgt Ion:105 Resp: 387065

Ion Ratio Lower Upper

105 100

120 43.8 36.3 54.5

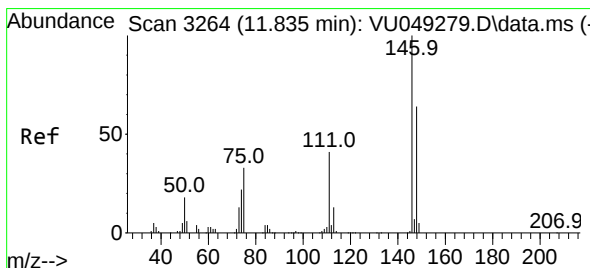
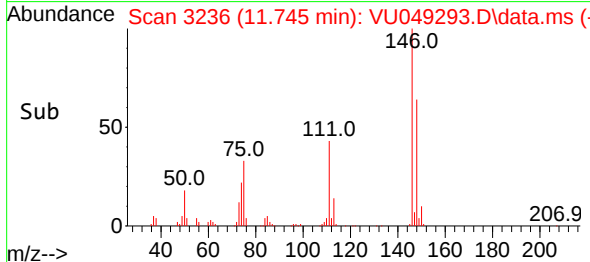
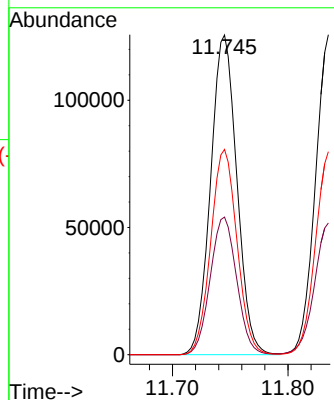
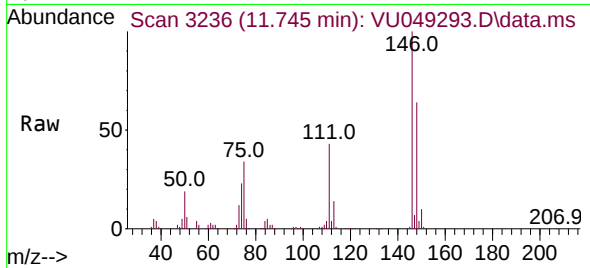




#64
1,3-Dichlorobenzene
Concen: 43.831 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU049293.D
Acq: 18 Jun 2022 19:55

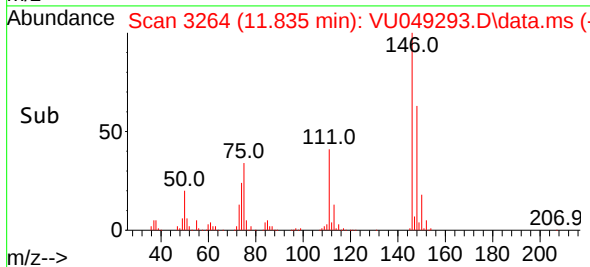
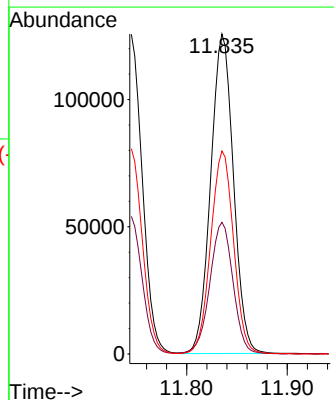
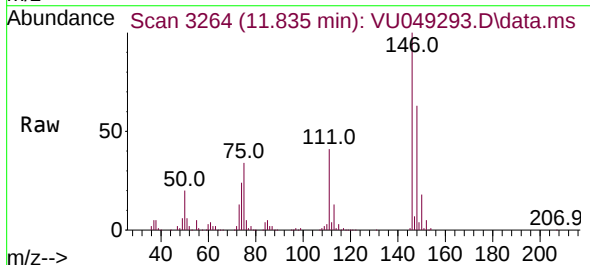
Instrument :
MSVOA_U
ClientSampleId :
VSTD050151

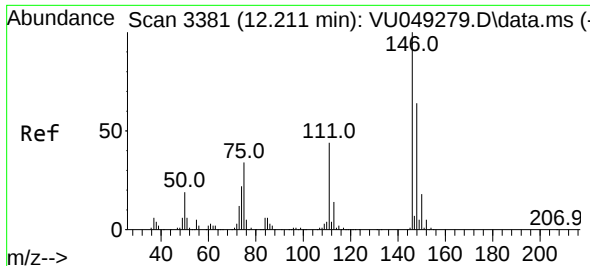
Tgt Ion:146 Resp: 198201
Ion Ratio Lower Upper
146 100
111 43.0 29.8 55.3
148 64.2 45.8 85.0



#65
1,4-Dichlorobenzene
Concen: 43.206 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU049293.D
Acq: 18 Jun 2022 19:55

Tgt Ion:146 Resp: 197809
Ion Ratio Lower Upper
146 100
111 41.2 28.1 52.1
148 63.4 44.9 83.3





#67

1,2-Dichlorobenzene

Concen: 43.656 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. -0.000 min

Lab File: VU049293.D

Acq: 18 Jun 2022 19:55

Instrument :

MSVOA_U

ClientSampleId :

VSTD050151

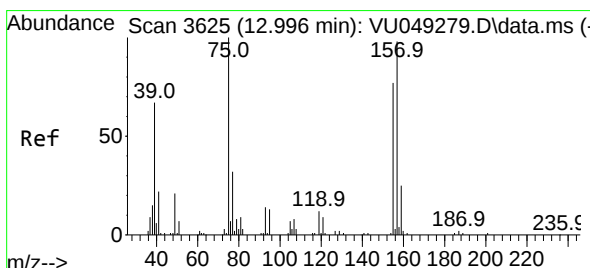
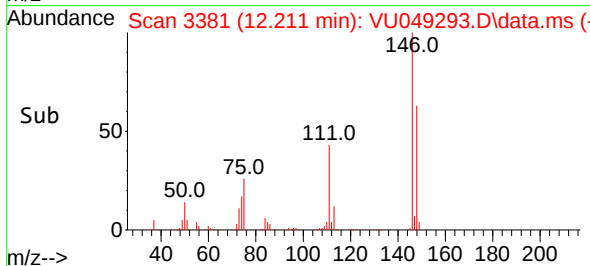
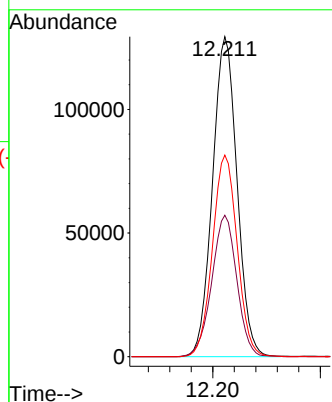
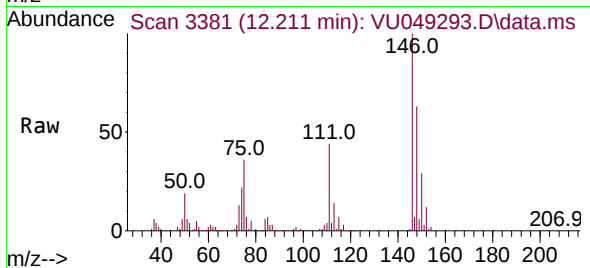
Tgt Ion:146 Resp: 204865

Ion Ratio Lower Upper

146 100

111 44.2 33.9 50.9

148 63.0 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 44.846 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.000 min

Lab File: VU049293.D

Acq: 18 Jun 2022 19:55

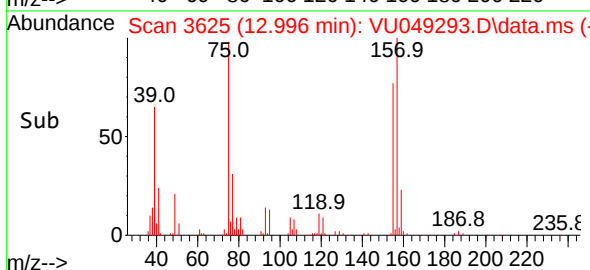
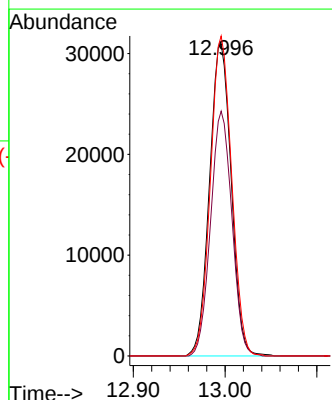
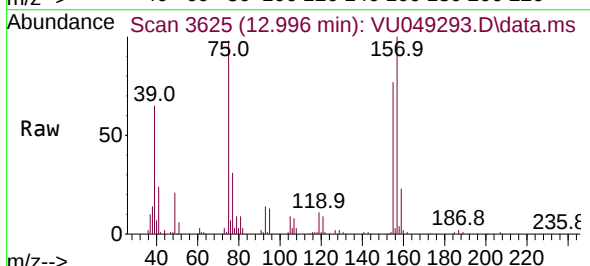
Tgt Ion: 75 Resp: 50951

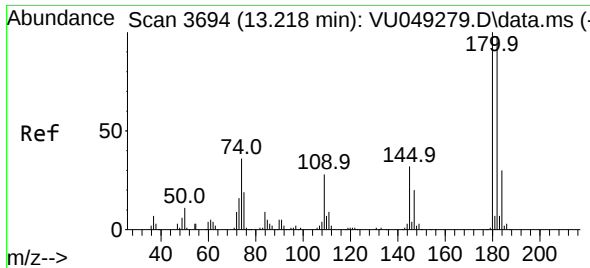
Ion Ratio Lower Upper

75 100

155 78.5 61.0 91.6

157 102.5 77.6 116.4

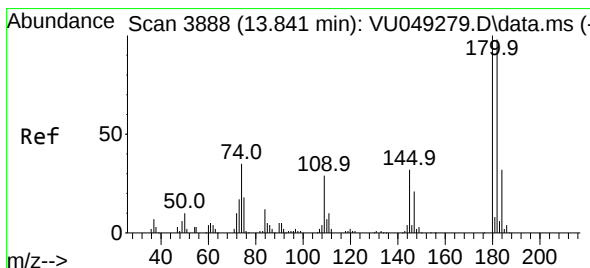
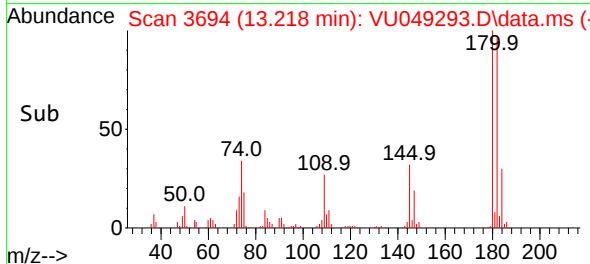
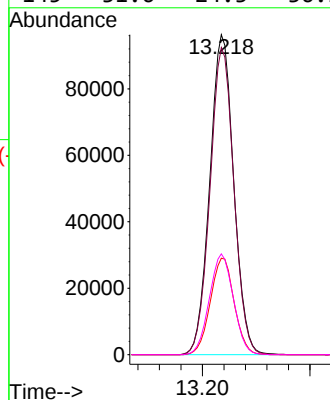
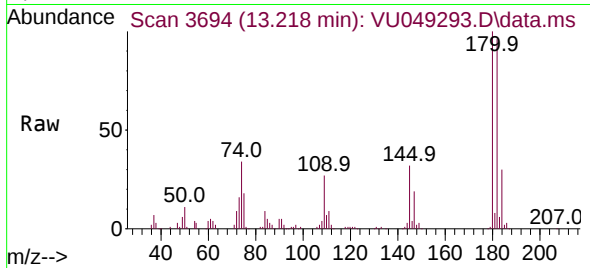




#69
1,3,5-Trichlorobenzene
Concen: 46.022 ug/L
RT: 13.218 min Scan# 3694
Delta R.T. -0.000 min
Lab File: VU049293.D
Acq: 18 Jun 2022 19:55

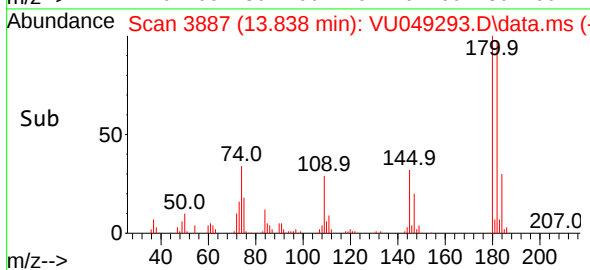
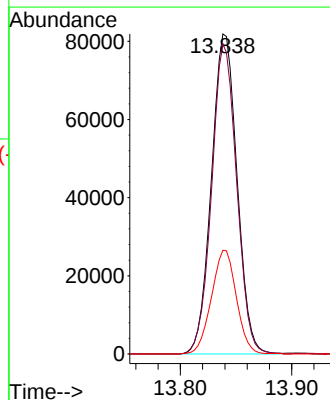
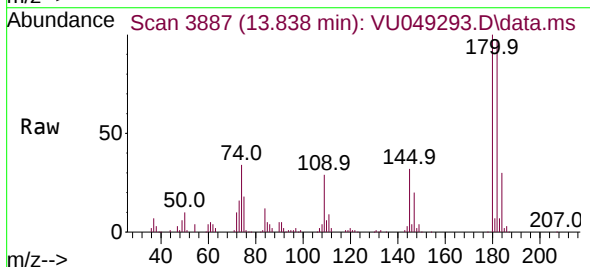
Instrument :
MSVOA_U
ClientSampleId :
VSTD050151

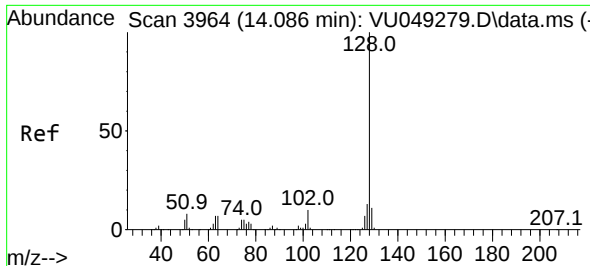
Tgt Ion:180 Resp: 148669
Ion Ratio Lower Upper
180 100
182 95.7 76.0 114.0
184 30.1 24.5 36.7
145 31.6 24.3 36.5



#70
1,2,4-trichlorobenzene
Concen: 47.890 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. -0.003 min
Lab File: VU049293.D
Acq: 18 Jun 2022 19:55

Tgt Ion:180 Resp: 130819
Ion Ratio Lower Upper
180 100
182 94.5 78.2 117.2
145 31.5 25.0 37.4

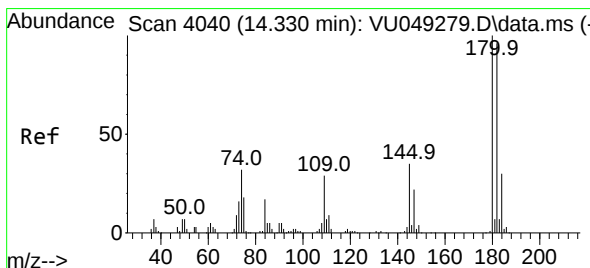
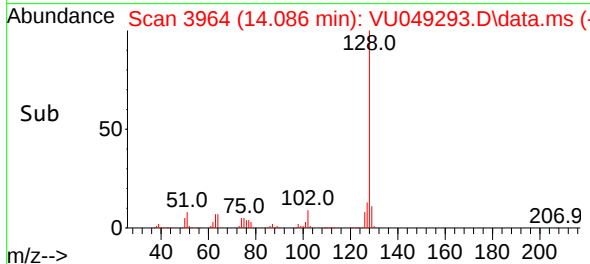
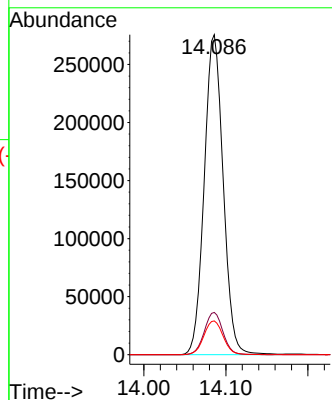
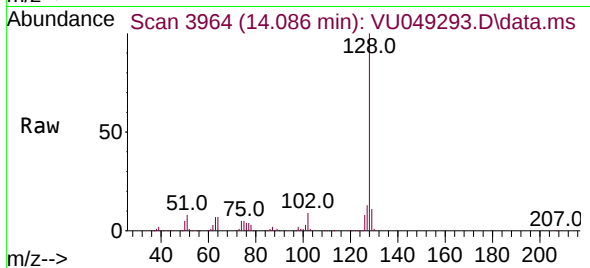




#71
Naphthalene
Concen: 45.769 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU049293.D
Acq: 18 Jun 2022 19:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD050151

Tgt Ion:128 Resp: 442325
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.7 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 46.485 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.003 min
Lab File: VU049293.D
Acq: 18 Jun 2022 19:55

Tgt Ion:180 Resp: 134316
Ion Ratio Lower Upper
180 100
182 95.6 77.3 115.9
145 34.8 26.3 39.5

