

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U090822\
 Data File : VU050696.D
 Acq On : 08 Sep 2022 19:39
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050195

Quant Time: Sep 08 22:58:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 08 22:51:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	299848	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	307145	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	149580	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	73111	28.507	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	57.020%#
7) Chloroethane-d5	1.903	69	65987	38.048	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.100%
11) 1,1-Dichloroethene-d2	2.565	63	159865	35.274	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.540%
21) 2-Butanone-d5	4.620	46	195892	104.400	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.400%
24) Chloroform-d	5.063	84	223053	45.889	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.780%
26) 1,2-Dichloroethane-d4	5.700	65	144891	48.781	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.560%
32) Benzene-d6	5.726	84	411015	40.493	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.980%
36) 1,2-Dichloropropane-d6	6.690	67	140211	42.074	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.140%
41) Toluene-d8	7.896	98	364332	41.974	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.940%
43) trans-1,3-Dichloroprop...	8.179	79	63707	46.203	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.400%
47) 2-Hexanone-d5	8.632	63	105053	125.325	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.320%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	240058	47.602	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	150607	43.011	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.020%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	102632	35.635	ug/L	100
3) Chloromethane	1.520	50	131167	42.150	ug/L	100
5) Vinyl chloride	1.604	62	105531	35.994	ug/L	97
6) Bromomethane	1.842	94	59944	40.540	ug/L	97
8) Chloroethane	1.925	64	62758	40.300	ug/L	98
9) Trichlorofluoromethane	2.134	101	142751	39.962	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	86374	36.860	ug/L	98
12) 1,1-Dichloroethene	2.578	96	91949	40.384	ug/L	89
13) Acetone	2.623	43	132307	93.475	ug/L	100
14) Carbon disulfide	2.790	76	259042	38.367	ug/L	99
15) Methyl Acetate	2.945	43	144260	48.192	ug/L	97
16) Methylene chloride	3.041	84	141538	47.367	ug/L	95
17) trans-1,2-Dichloroethene	3.350	96	104552	43.304	ug/L	95
18) Methyl tert-butyl Ether	3.363	73	377562	50.436	ug/L	99
19) 1,1-Dichloroethane	3.867	63	214798	46.113	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	130187	47.790	ug/L	97
22) 2-Butanone	4.700	43	210674	95.164	ug/L	95
23) Bromochloromethane	4.973	128	73938	52.525	ug/L	92
25) Chloroform	5.086	83	239264	50.416	ug/L	97

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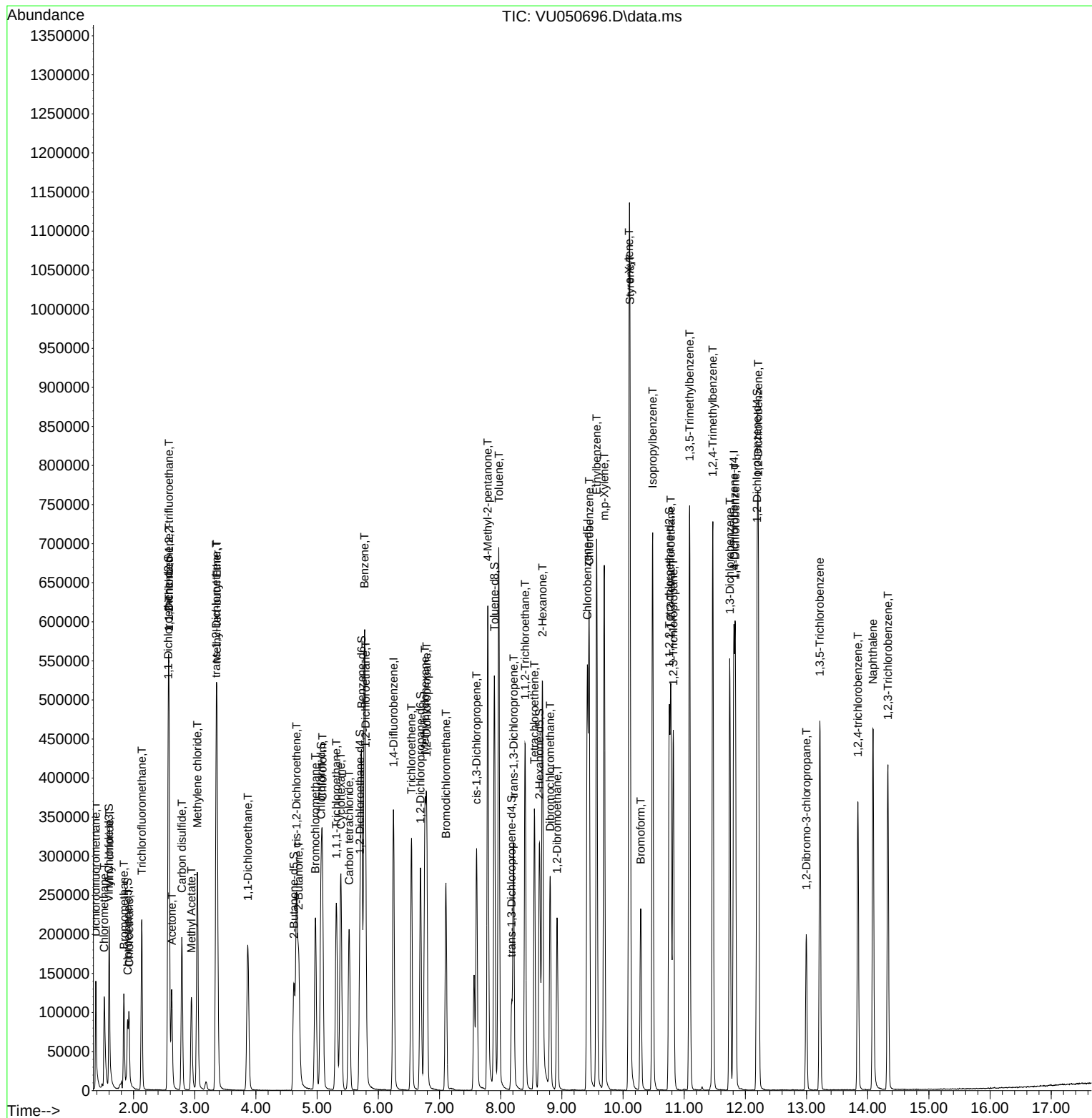
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	183296	52.111	ug/L	99
29) Cyclohexane	5.388	56	133203	32.383	ug/L	96
30) 1,1,1-Trichloroethane	5.314	97	181759	43.936	ug/L	98
31) Carbon tetrachloride	5.523	117	146003	43.076	ug/L	99
33) Benzene	5.774	78	513201	45.912	ug/L	100
34) Trichloroethene	6.543	95	113995	43.768	ug/L	98
35) Methylcyclohexane	6.764	83	134833	32.563	ug/L	98
37) 1,2-Dichloropropane	6.790	63	134831	45.666	ug/L	98
38) Bromodichloromethane	7.105	83	177246	51.033	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	191621	47.947	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	382584	95.087	ug/L	98
42) Toluene	7.970	91	516458	45.486	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	186993	49.869	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	143189	50.484	ug/L	99
46) Tetrachloroethene	8.552	164	79913	42.008	ug/L	99
48) 2-Hexanone	8.684	43	310018	82.562	ug/L	98
49) Dibromochloromethane	8.809	129	140661	51.995	ug/L	99
50) 1,2-Dibromoethane	8.922	107	149793	51.931	ug/L	95
51) Chlorobenzene	9.446	112	331904	47.100	ug/L	97
52) Ethylbenzene	9.568	91	507485	45.244	ug/L	100
53) m,p-Xylene	9.694	106	198005	46.076	ug/L	96
54) o-Xylene	10.099	106	205906	48.127	ug/L	98
55) Styrene	10.115	104	355721	50.532	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	251979	49.876	ug/L	99
59) Bromoform	10.288	173	109022	48.851	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	199875	45.542	ug/L	98
61) Isopropylbenzene	10.484	105	468802	39.595	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	407319	40.240	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	404999	41.666	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	230847	44.311	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	224388	43.575	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	250853	45.211	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	52189	45.030	ug/L	96
69) 1,3,5-Trichlorobenzene	13.217	180	148675	39.325	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	118215	36.823	ug/L	99
71) Naphthalene	14.086	128	399871	35.131	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	133142	38.298	ug/L	100

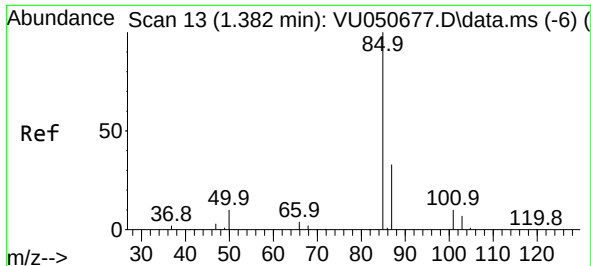
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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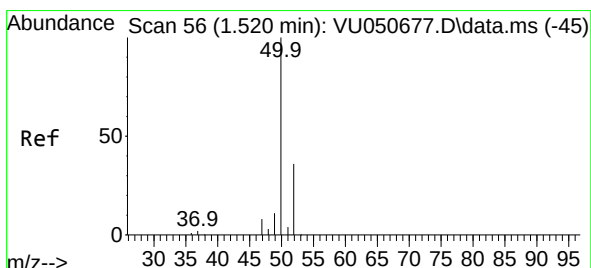
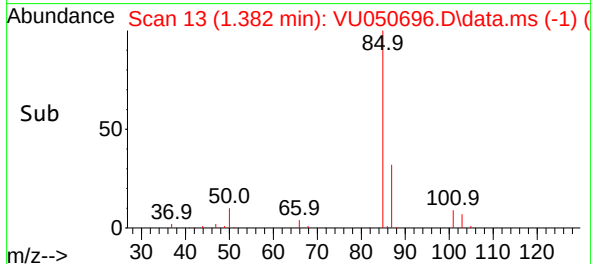
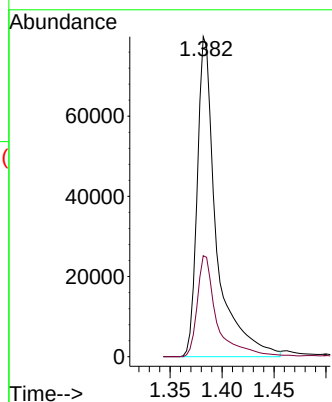
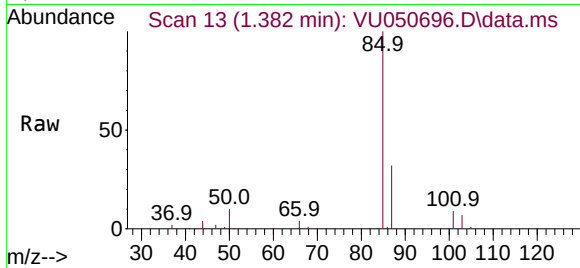




#2
 Dichlorodifluoromethane
 Concen: 35.635 ug/L
 RT: 1.382 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VU050696.D
 Acq: 08 Sep 2022 19:39

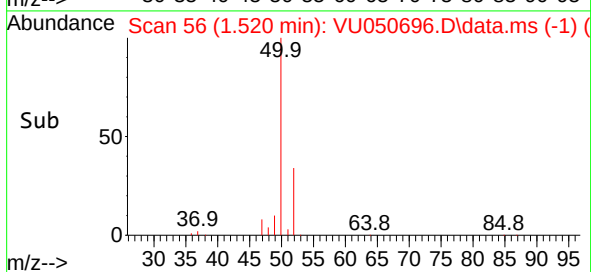
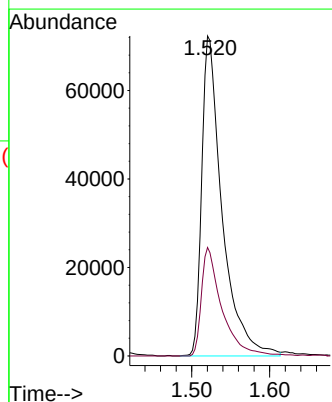
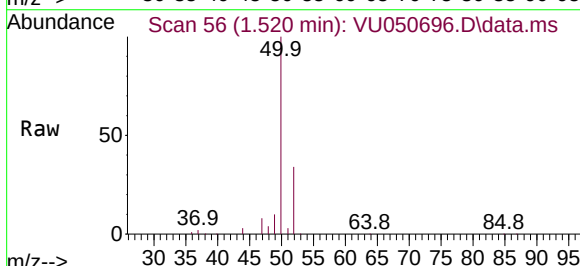
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050195

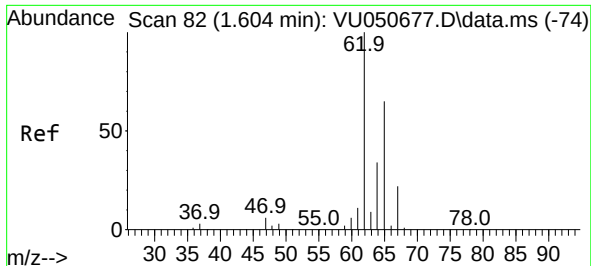
Tgt Ion: 85 Resp: 102632
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.8 38.8



#3
 Chloromethane
 Concen: 42.150 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VU050696.D
 Acq: 08 Sep 2022 19:39

Tgt Ion: 50 Resp: 131167
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.7 43.9

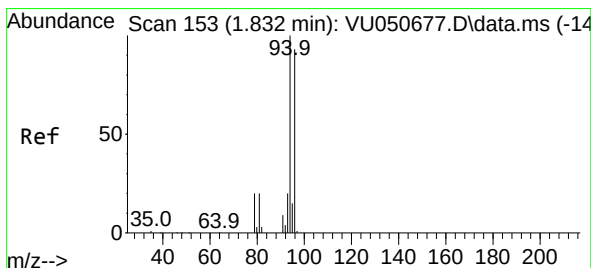
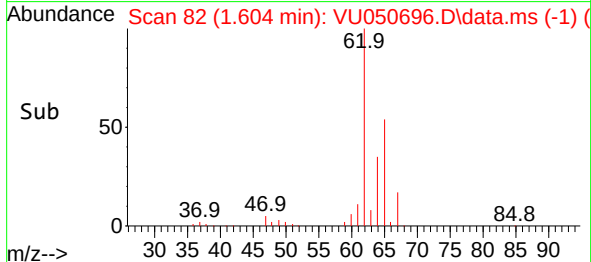
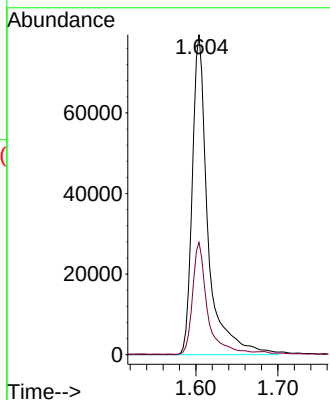
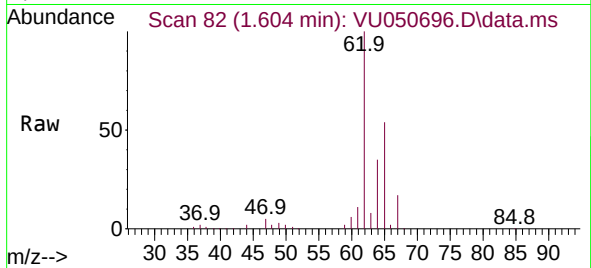




#5
 Vinyl chloride
 Concen: 35.994 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU050696.D
 Acq: 08 Sep 2022 19:39

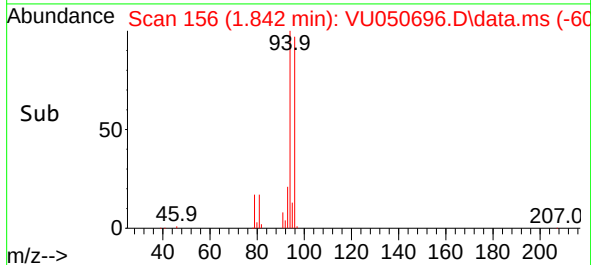
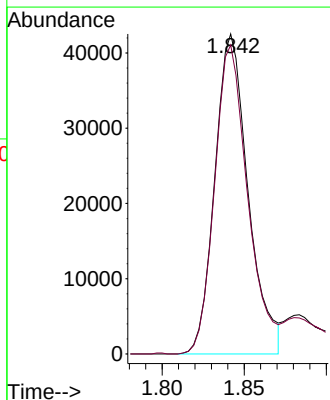
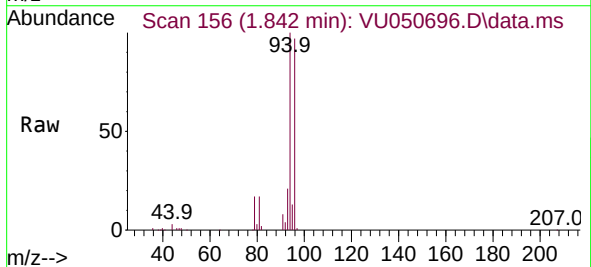
Instrument :
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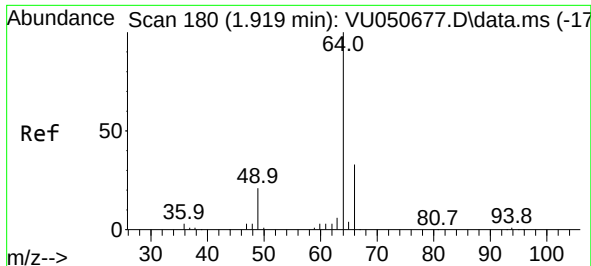
Tgt Ion: 62 Resp: 105531
 Ion Ratio Lower Upper
 62 100
 64 35.0 23.5 43.7



#6
 Bromomethane
 Concen: 40.540 ug/L
 RT: 1.842 min Scan# 156
 Delta R.T. 0.010 min
 Lab File: VU050696.D
 Acq: 08 Sep 2022 19:39

Tgt Ion: 94 Resp: 59944
 Ion Ratio Lower Upper
 94 100
 96 96.5 65.6 121.8

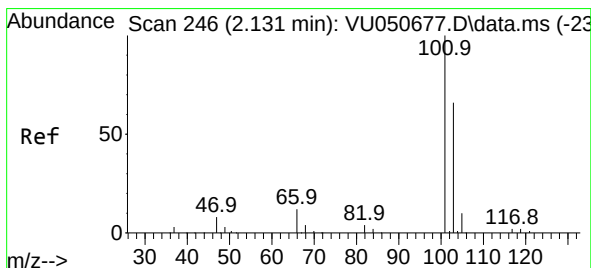
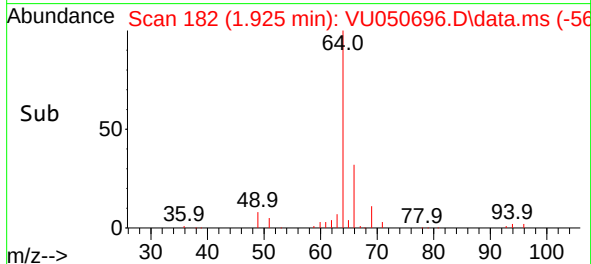
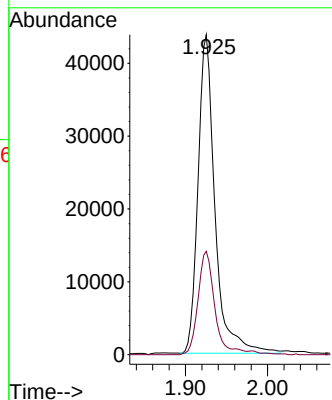
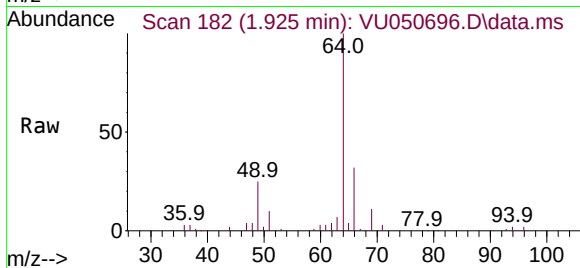




#8
Chloroethane
Concen: 40.300 ug/L
RT: 1.925 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

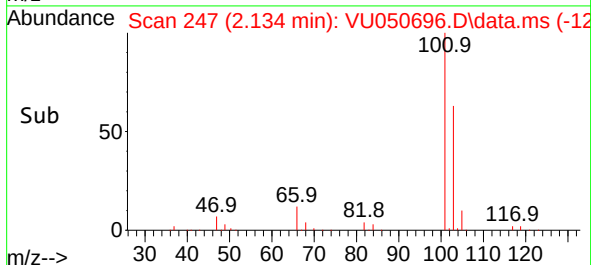
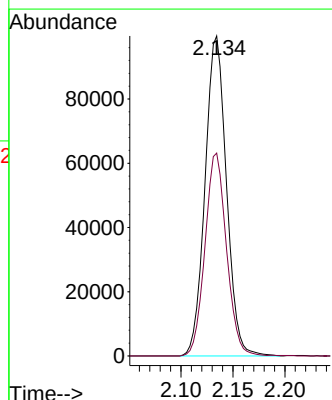
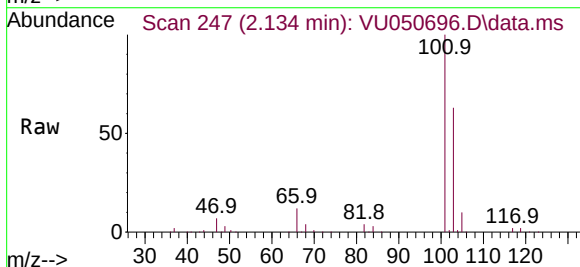
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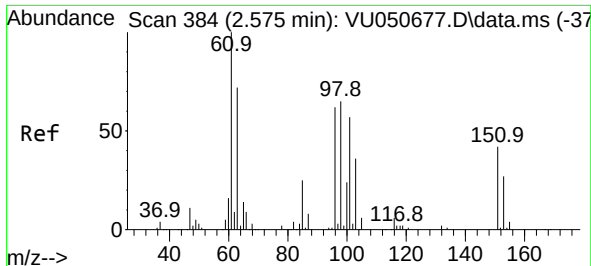
Tgt Ion: 64 Resp: 62758
Ion Ratio Lower Upper
64 100
66 32.3 21.9 40.7



#9
Trichlorofluoromethane
Concen: 39.962 ug/L
RT: 2.134 min Scan# 247
Delta R.T. 0.003 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

Tgt Ion:101 Resp: 142751
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.0

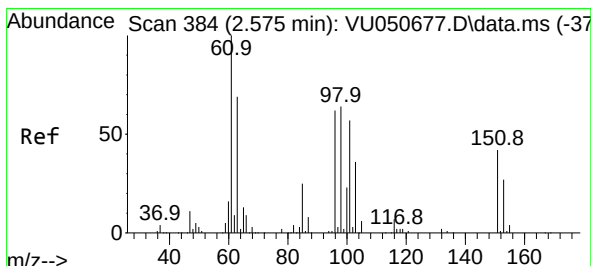
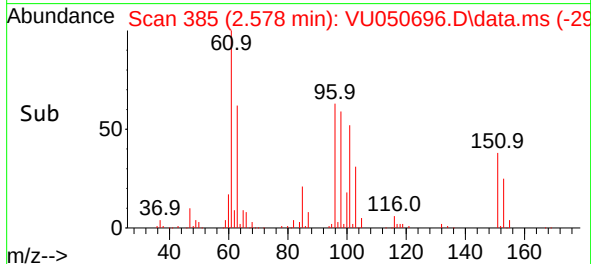
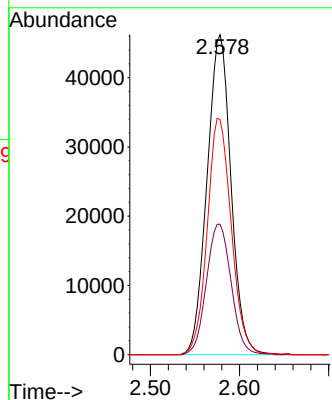
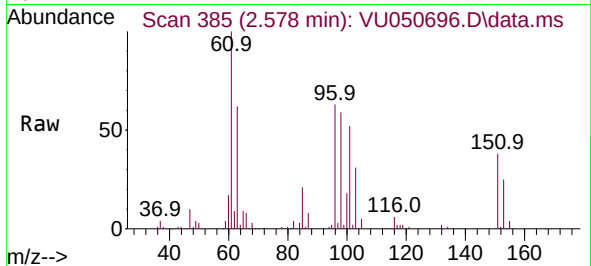




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 36.860 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

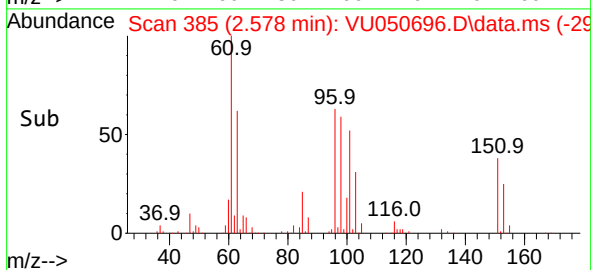
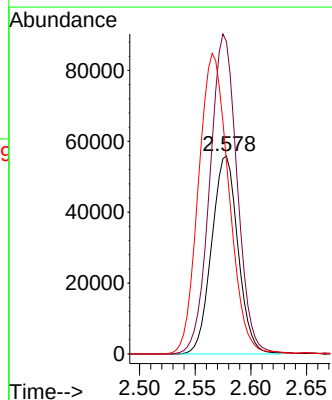
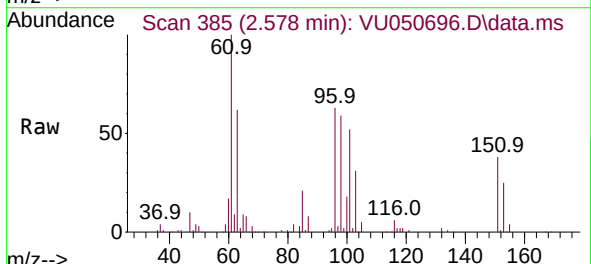
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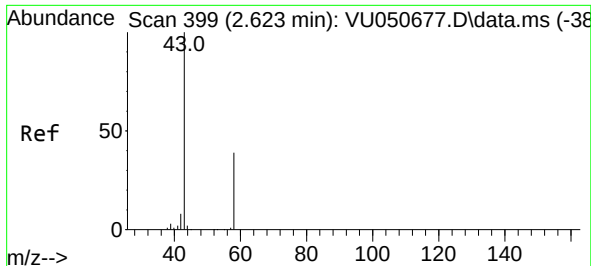
Tgt Ion:101 Resp: 86374
Ion Ratio Lower Upper
101 100
85 41.9 34.4 51.6
151 74.0 57.7 86.5



#12
1,1-Dichloroethene
Concen: 40.384 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

Tgt Ion: 96 Resp: 91949
Ion Ratio Lower Upper
96 100
61 157.9 118.0 219.1
63 97.3 79.5 147.7





#13

Acetone

Concen: 93.475 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU050696.D

Acq: 08 Sep 2022 19:39

Instrument :

MSVOA_U

ClientSampleId :

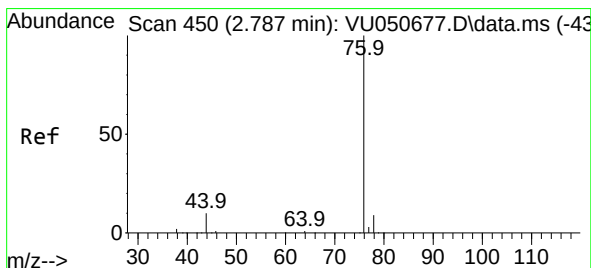
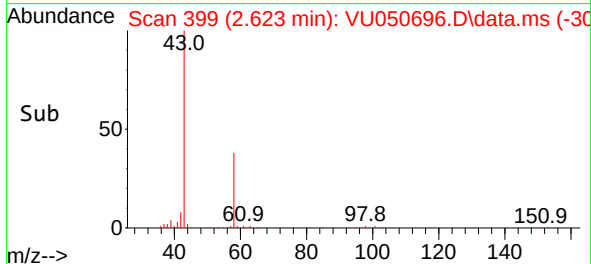
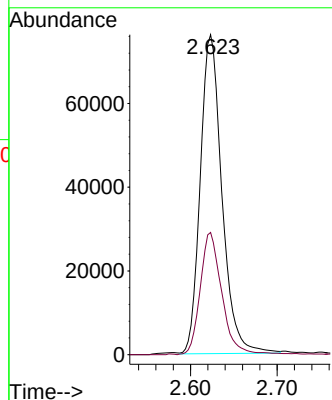
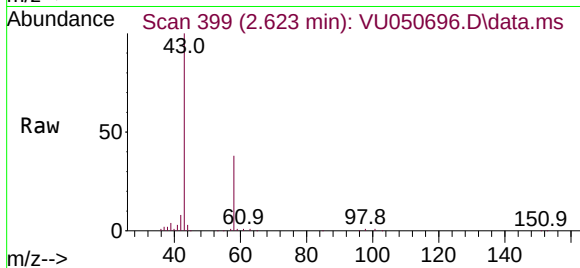
VSTD050195

Tgt Ion: 43 Resp: 132307

Ion Ratio Lower Upper

43 100

58 38.3 0.0 76.2



#14

Carbon disulfide

Concen: 38.367 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU050696.D

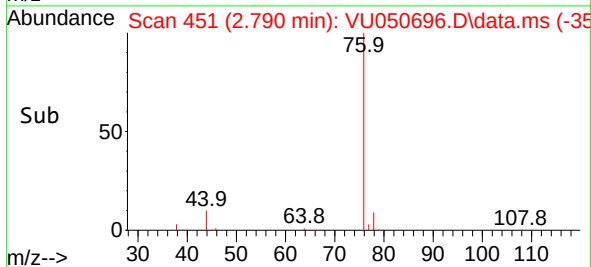
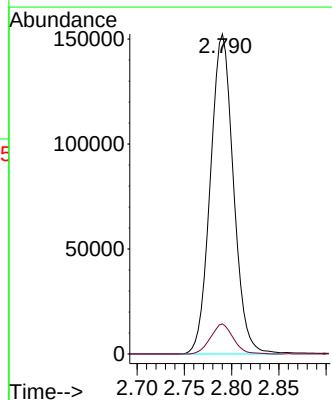
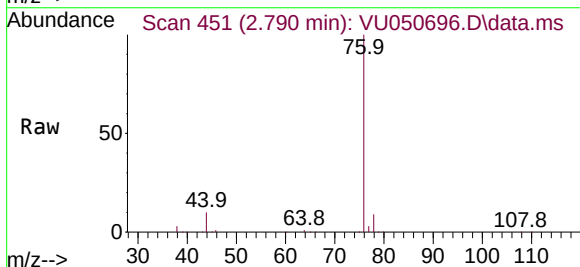
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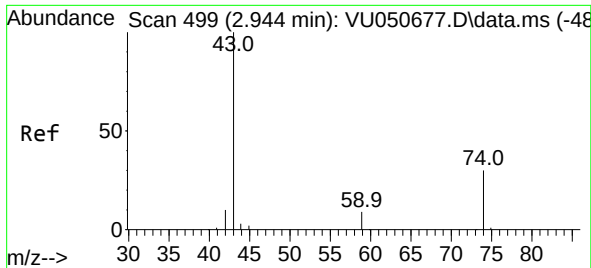
Tgt Ion: 76 Resp: 259042

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9

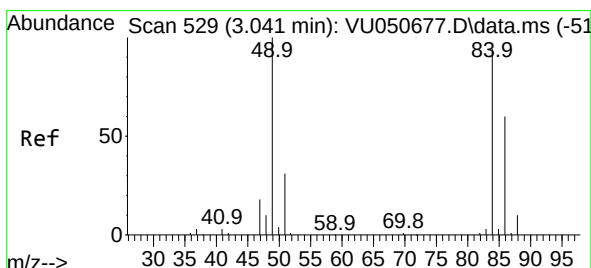
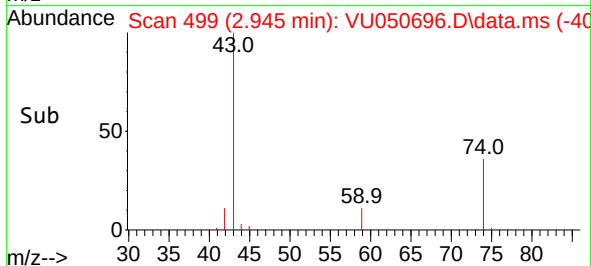
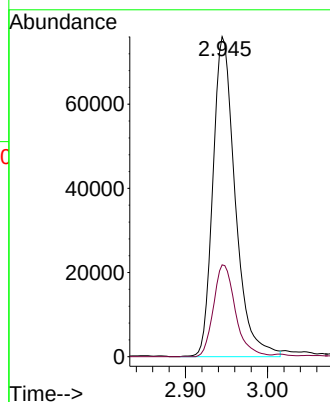
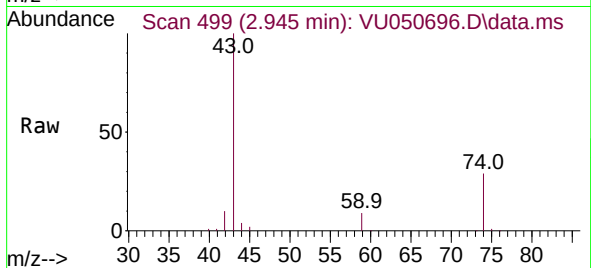




#15
Methyl Acetate
Concen: 48.192 ug/L
RT: 2.945 min Scan# 499
Delta R.T. 0.000 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

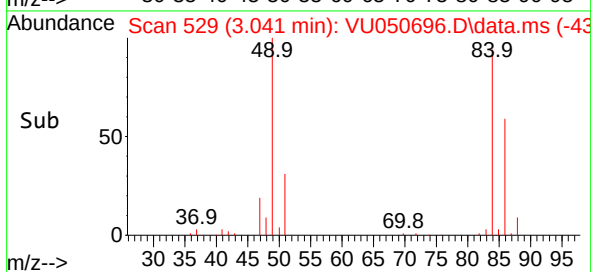
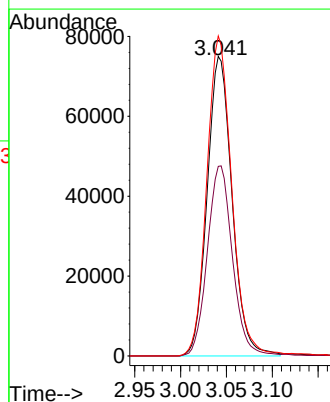
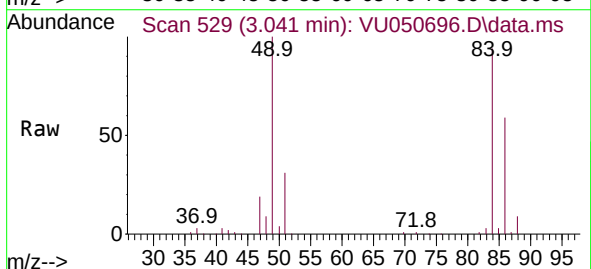
Instrument :
MSVOA_U
ClientSampleId :
VSTD050195

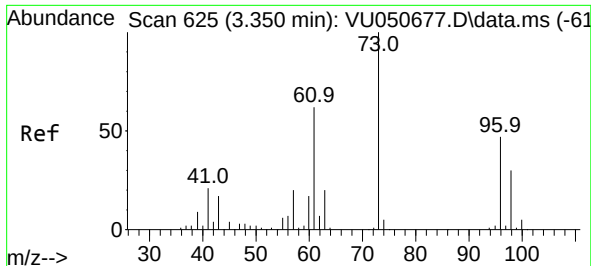
Tgt Ion: 43 Resp: 144260
Ion Ratio Lower Upper
43 100
74 28.2 21.2 31.8



#16
Methylene chloride
Concen: 47.367 ug/L
RT: 3.041 min Scan# 529
Delta R.T. 0.000 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

Tgt Ion: 84 Resp: 141538
Ion Ratio Lower Upper
84 100
86 63.3 44.8 83.2
49 106.8 80.6 149.8

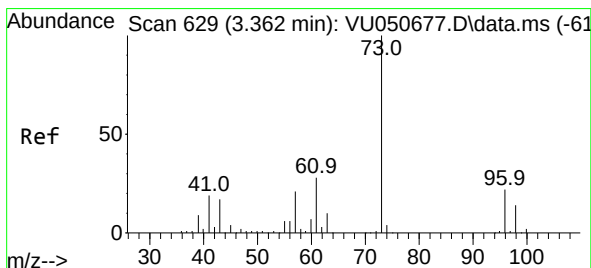
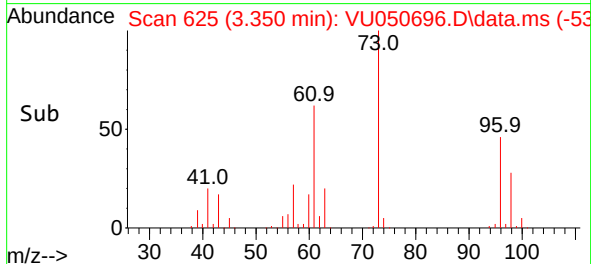
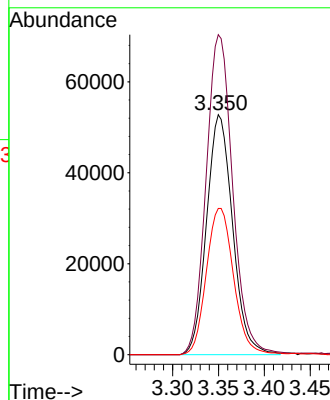
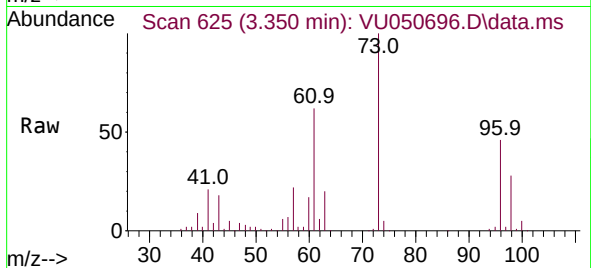




#17
trans-1,2-Dichloroethene
Concen: 43.304 ug/L
RT: 3.350 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

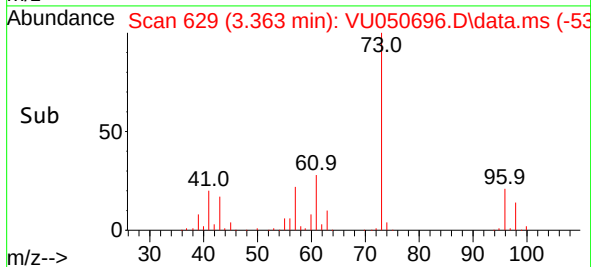
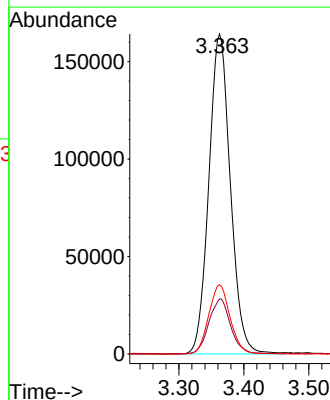
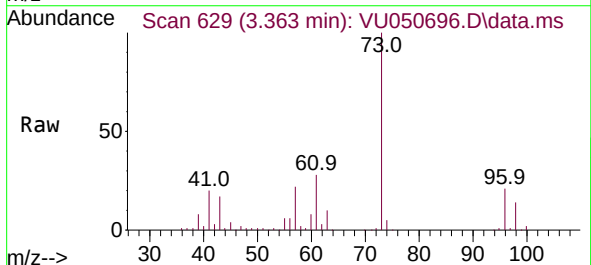
Instrument :
MSVOA_U
ClientSampleId :
VSTD050195

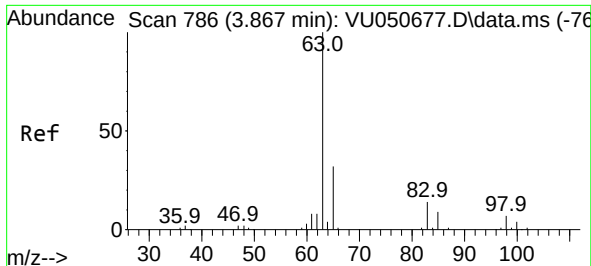
Tgt Ion: 96 Resp: 104552
Ion Ratio Lower Upper
96 100
61 133.3 97.9 181.7
98 61.0 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 50.436 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

Tgt Ion: 73 Resp: 377562
Ion Ratio Lower Upper
73 100
43 17.1 13.4 20.2
57 21.5 17.8 26.8

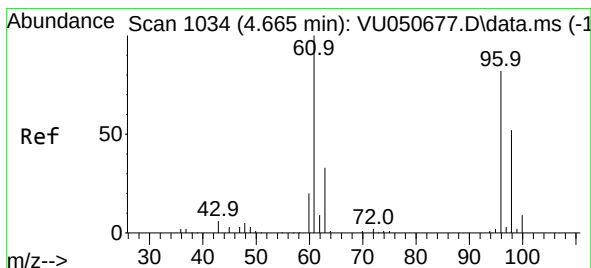
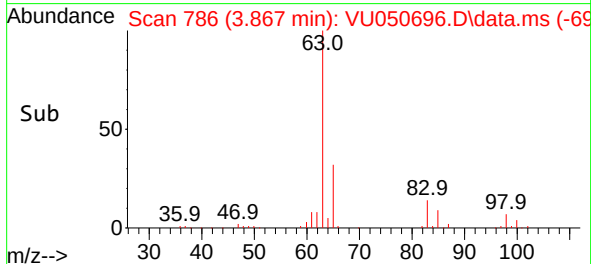
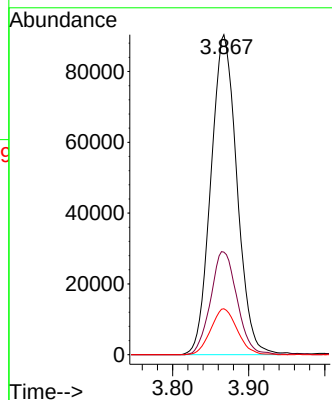
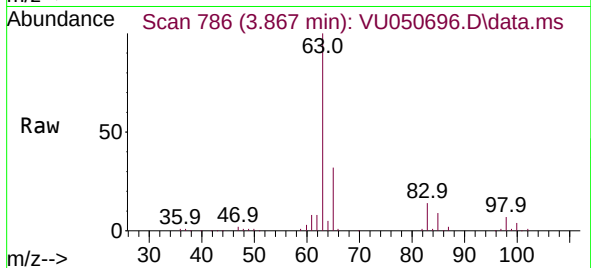




#19
1,1-Dichloroethane
Concen: 46.113 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

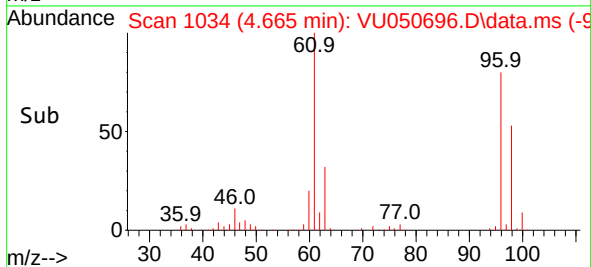
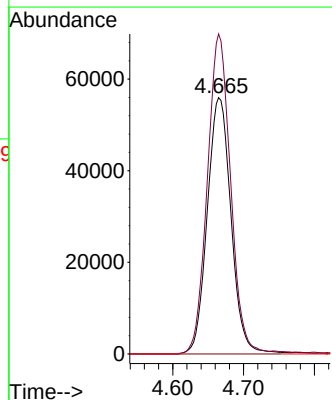
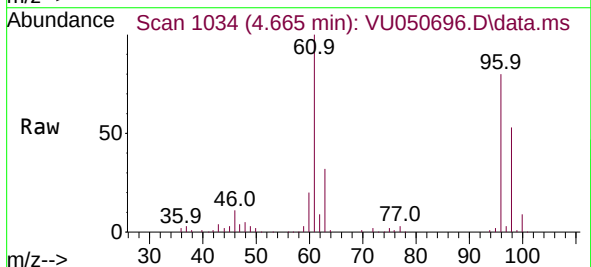
Instrument :
MSVOA_U
ClientSampleId :
VSTD050195

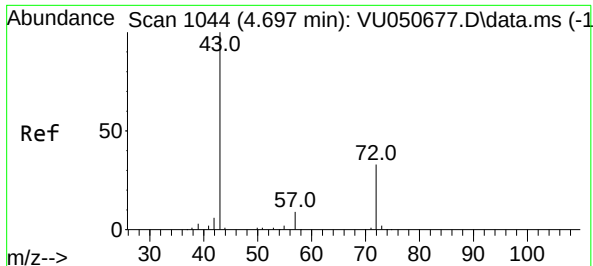
Tgt Ion: 63 Resp: 214798
Ion Ratio Lower Upper
63 100
65 32.0 22.4 41.6
83 14.4 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 47.790 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

Tgt Ion: 96 Resp: 130187
Ion Ratio Lower Upper
96 100
61 124.9 89.8 166.8
68 0.0 0.0 0.0





#22

2-Butanone

Concen: 95.164 ug/L

RT: 4.700 min Scan# 1104

Delta R.T. 0.003 min

Lab File: VU050696.D

Acq: 08 Sep 2022 19:39

Instrument :

MSVOA_U

ClientSampleId :

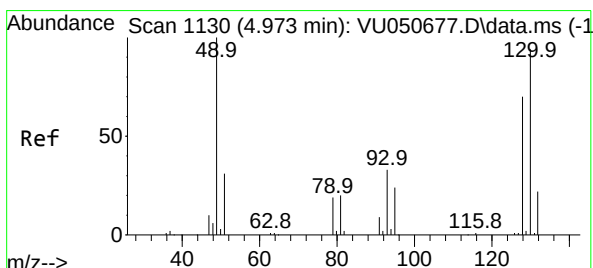
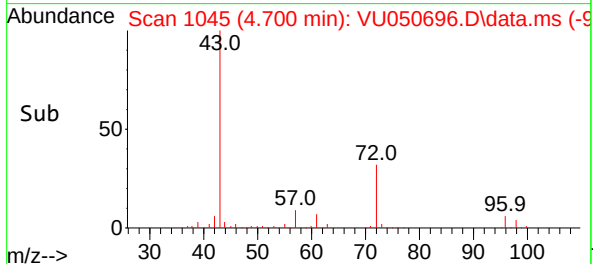
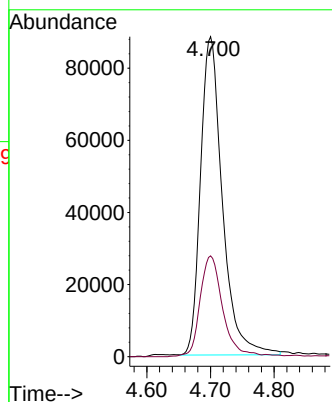
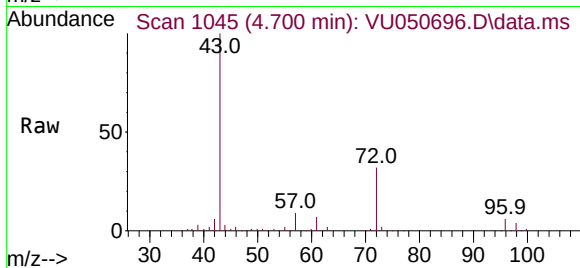
VSTD050195

Tgt Ion: 43 Resp: 210674

Ion Ratio Lower Upper

43 100

72 32.2 14.6 44.0



#23

Bromochloromethane

Concen: 52.525 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU050696.D

Acq: 08 Sep 2022 19:39

Tgt Ion:128 Resp: 73938

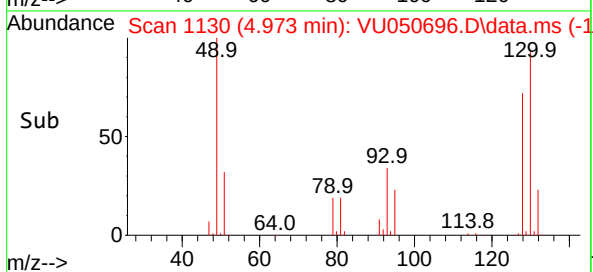
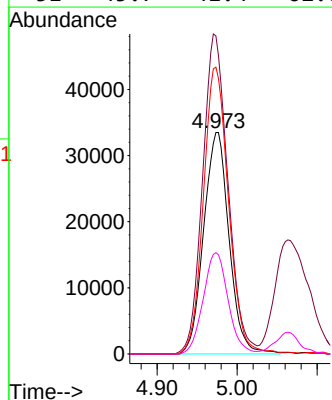
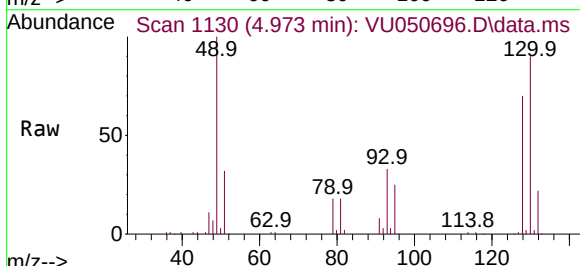
Ion Ratio Lower Upper

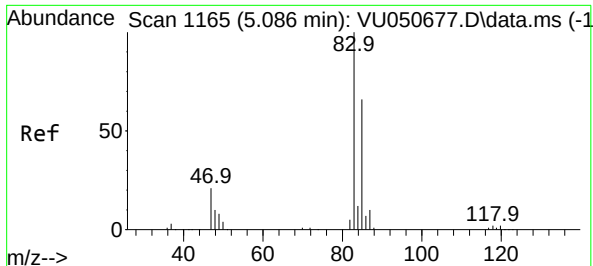
128 100

49 143.6 112.5 208.9

130 129.5 91.8 170.4

51 45.7 41.4 62.0





#25

Chloroform

Concen: 50.416 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU050696.D

Acq: 08 Sep 2022 19:39

Instrument :

MSVOA_U

ClientSampleId :

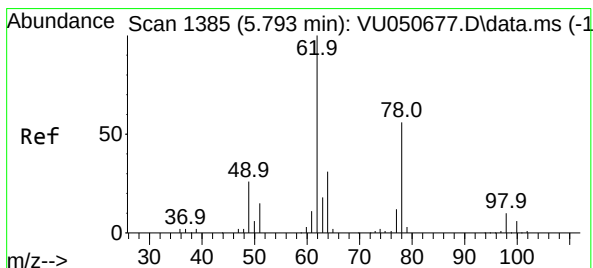
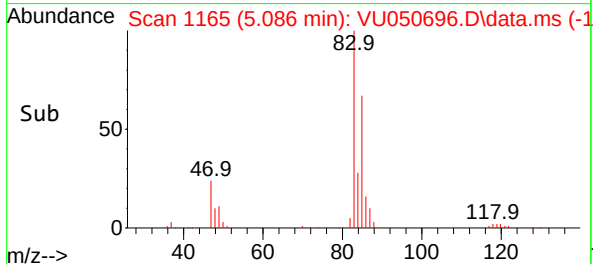
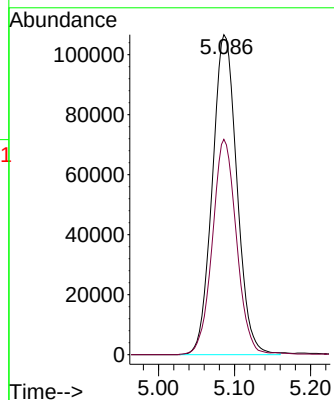
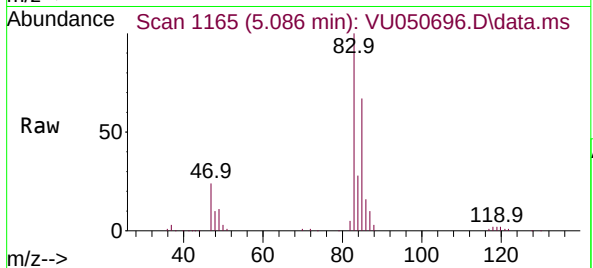
VSTD050195

Tgt Ion: 83 Resp: 239264

Ion Ratio Lower Upper

83 100

85 67.3 45.6 84.8



#27

1,2-Dichloroethane

Concen: 52.111 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU050696.D

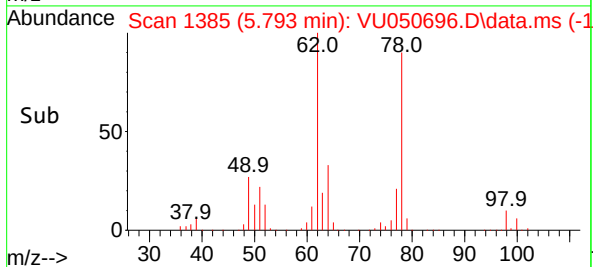
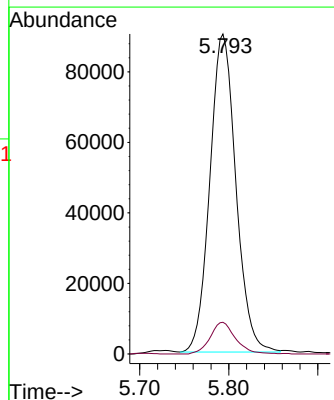
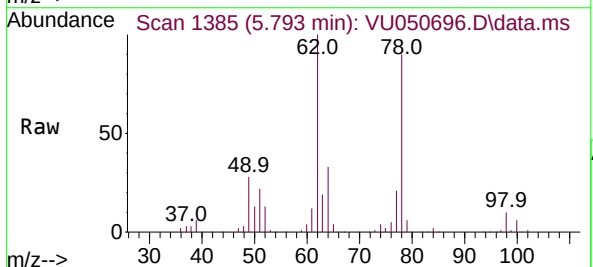
Acq: 08 Sep 2022 19:39

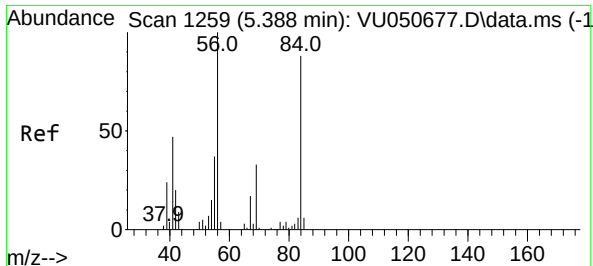
Tgt Ion: 62 Resp: 183296

Ion Ratio Lower Upper

62 100

98 9.9 8.2 12.2





#29

Cyclohexane

Concen: 32.383 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU050696.D

Acq: 08 Sep 2022 19:39

Instrument :

MSVOA_U

ClientSampleId :

VSTD050195

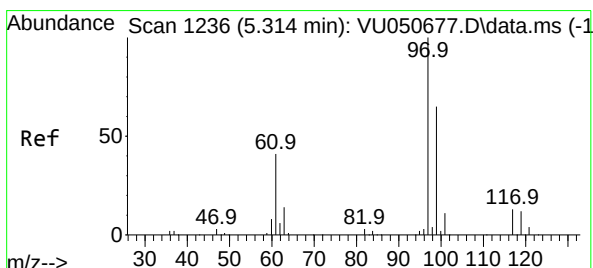
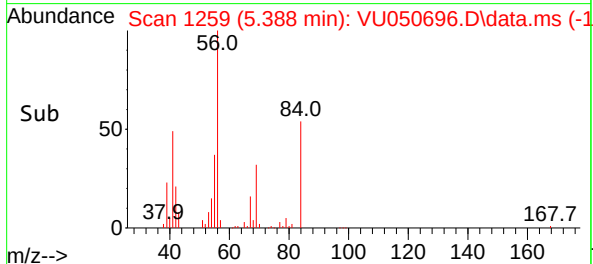
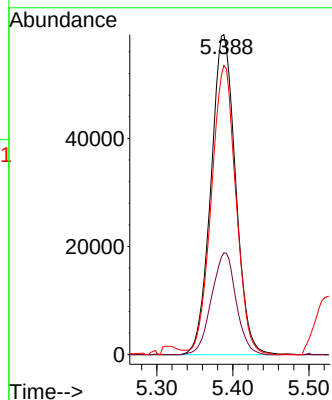
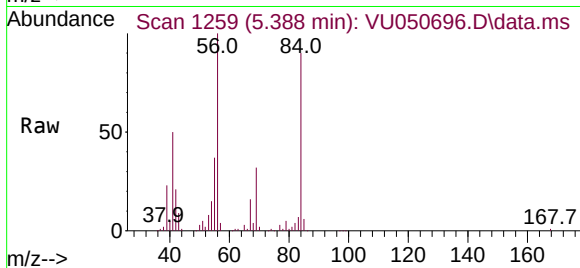
Tgt Ion: 56 Resp: 133203

Ion Ratio Lower Upper

56 100

69 31.8 24.6 37.0

84 89.1 67.4 101.2



#30

1,1,1-Trichloroethane

Concen: 43.936 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU050696.D

Acq: 08 Sep 2022 19:39

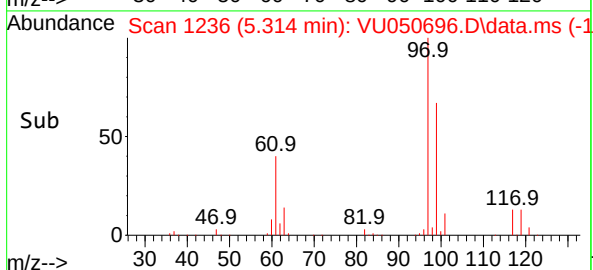
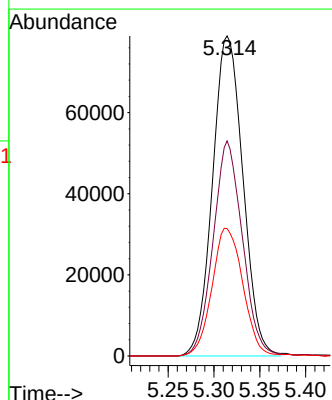
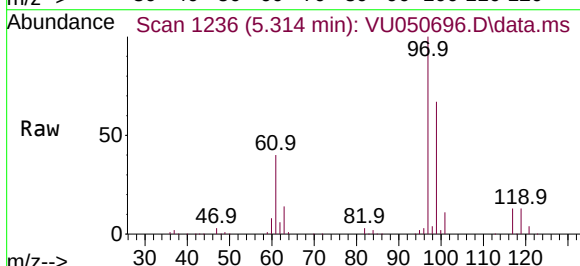
Tgt Ion: 97 Resp: 181759

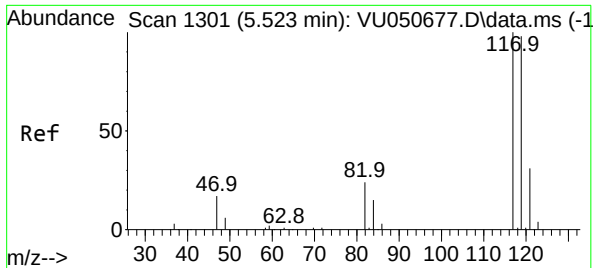
Ion Ratio Lower Upper

97 100

99 64.8 51.2 76.8

61 40.6 34.2 51.4

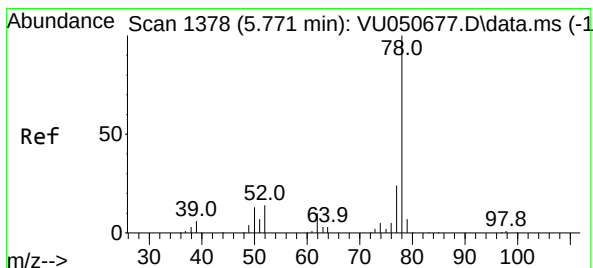
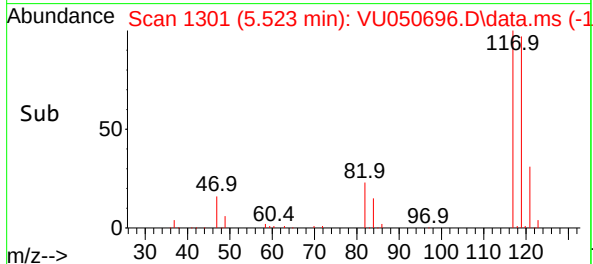
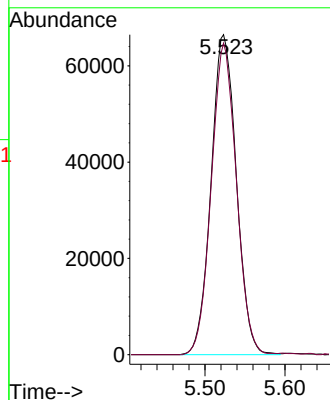
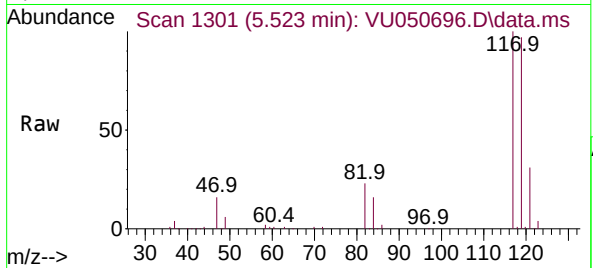




#31
Carbon tetrachloride
Concen: 43.076 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

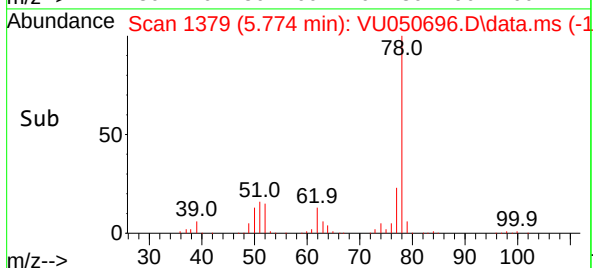
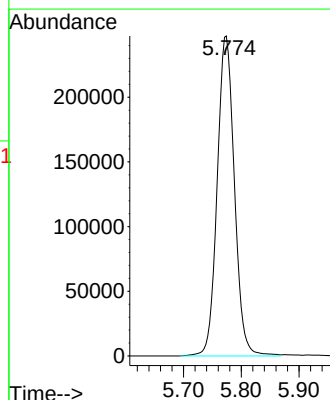
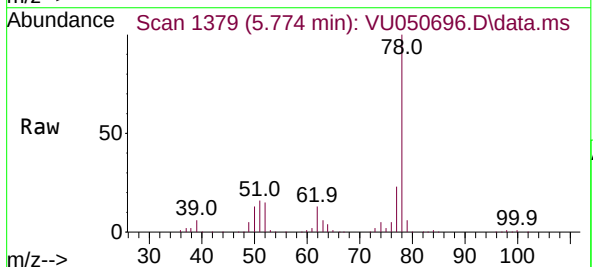
Instrument :
MSVOA_U
ClientSampleId :
VSTD050195

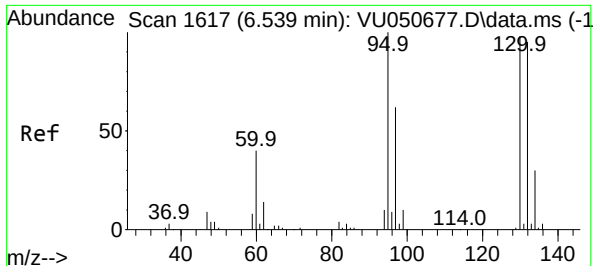
Tgt Ion:117 Resp: 146003
Ion Ratio Lower Upper
117 100
119 96.2 77.4 116.2



#33
Benzene
Concen: 45.912 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

Tgt Ion: 78 Resp: 513201

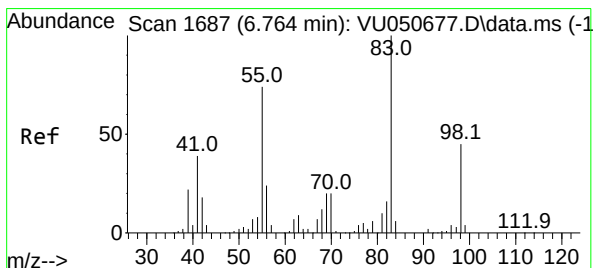
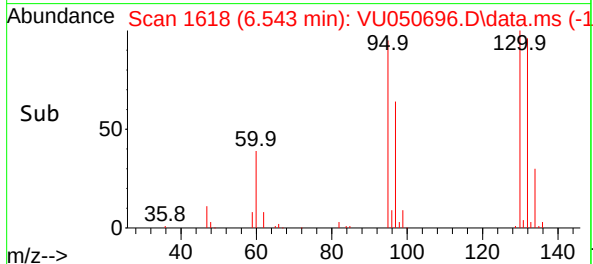
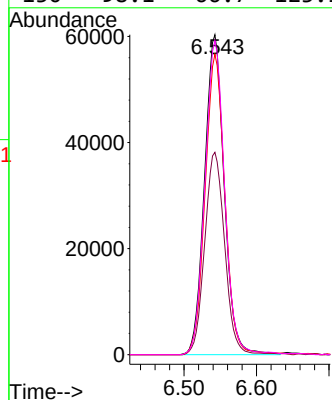
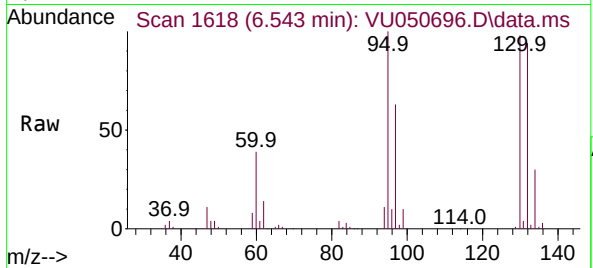




#34
Trichloroethene
Concen: 43.768 ug/L
RT: 6.543 min Scan# 1617
Delta R.T. 0.003 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

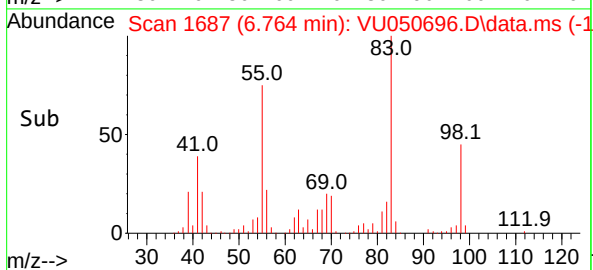
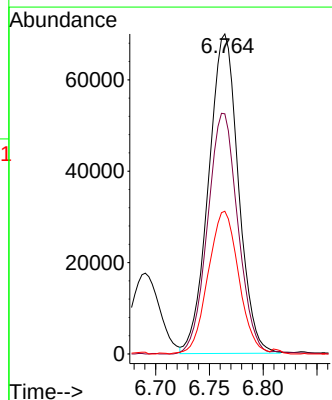
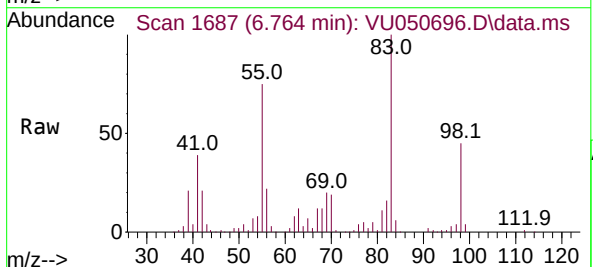
Instrument :
MSVOA_U
ClientSampleId :
VSTD050195

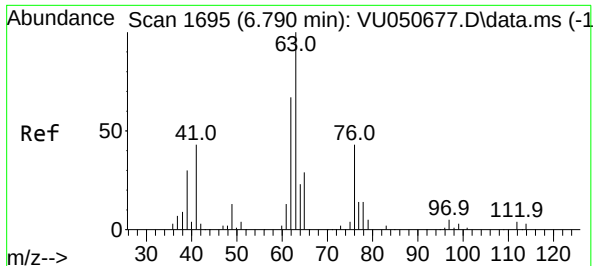
Tgt Ion: 95 Resp: 113995
Ion Ratio Lower Upper
95 100
97 63.2 45.4 84.2
132 93.9 65.2 121.2
130 98.1 66.7 123.9



#35
Methylcyclohexane
Concen: 32.563 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

Tgt Ion: 83 Resp: 134833
Ion Ratio Lower Upper
83 100
55 76.3 62.6 93.8
98 45.9 35.5 53.3

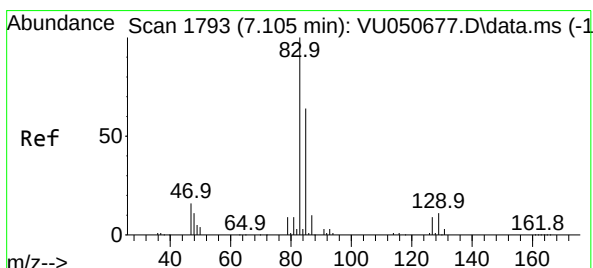
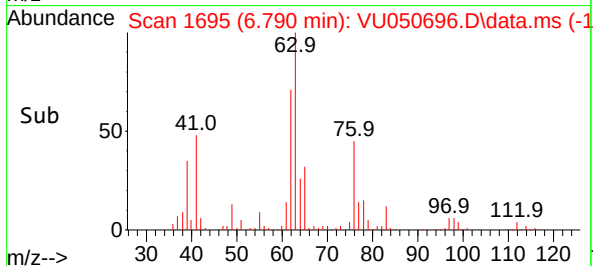
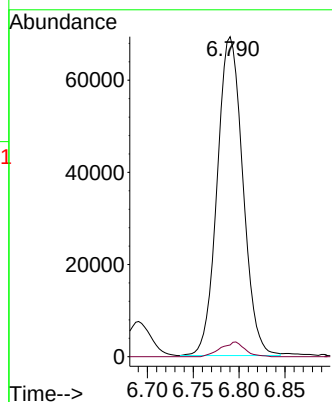
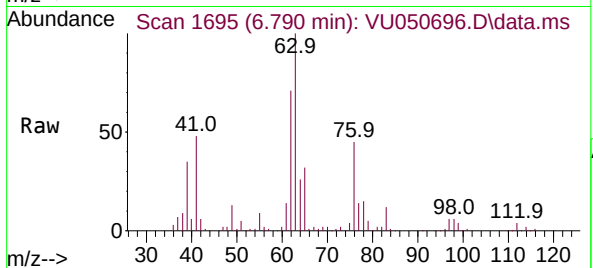




#37
1,2-Dichloropropane
Concen: 45.666 ug/L
RT: 6.790 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

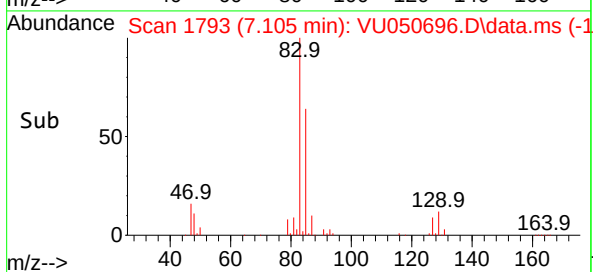
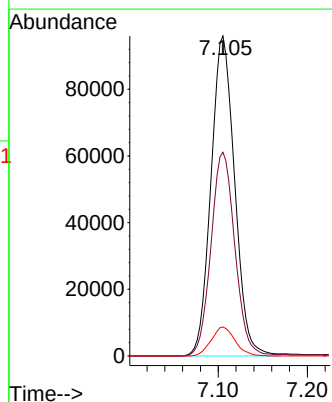
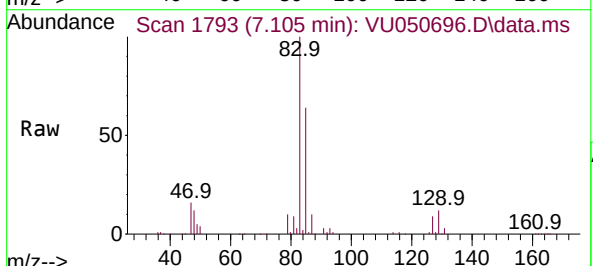
Instrument :
MSVOA_U
ClientSampleId :
VSTD050195

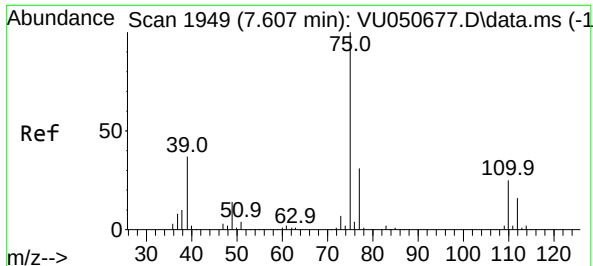
Tgt Ion: 63 Resp: 134831
Ion Ratio Lower Upper
63 100
112 4.3 3.0 4.4



#38
Bromodichloromethane
Concen: 51.033 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

Tgt Ion: 83 Resp: 177246
Ion Ratio Lower Upper
83 100
85 63.7 44.9 83.5
127 9.1 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 47.947 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU050696.D

Acq: 08 Sep 2022 19:39

Instrument :

MSVOA_U

ClientSampleId :

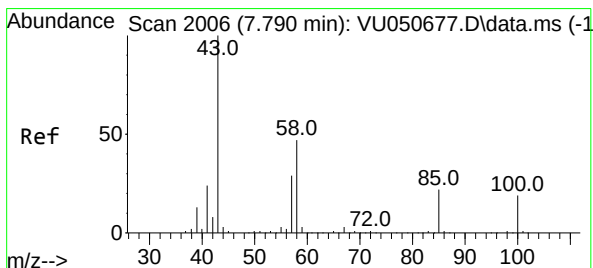
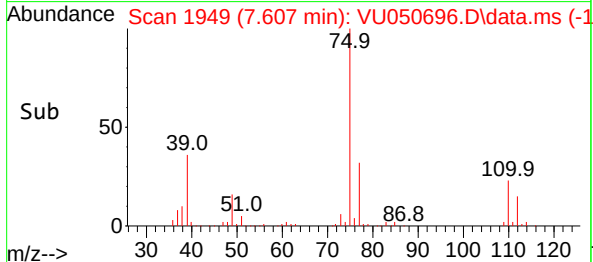
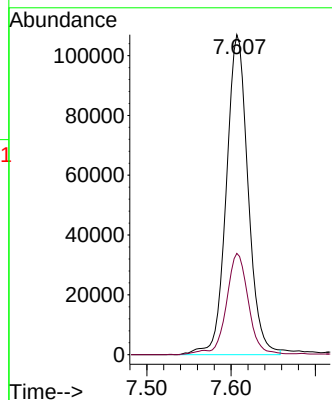
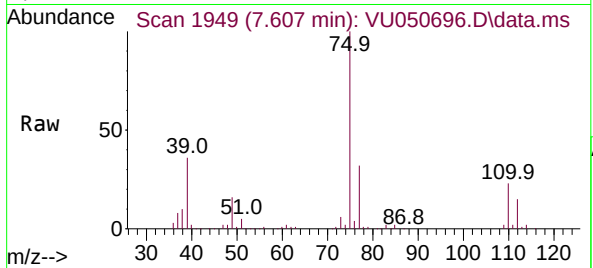
VSTD050195

Tgt Ion: 75 Resp: 191621

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 95.087 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU050696.D

Acq: 08 Sep 2022 19:39

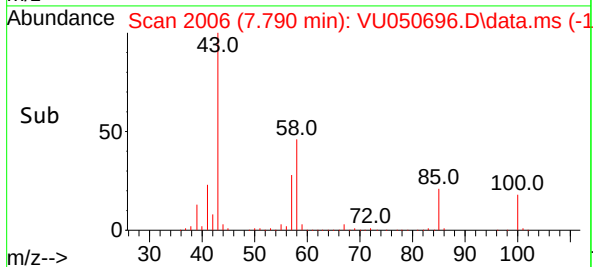
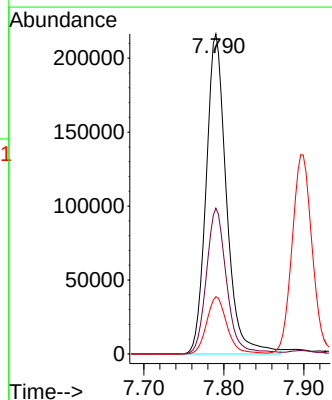
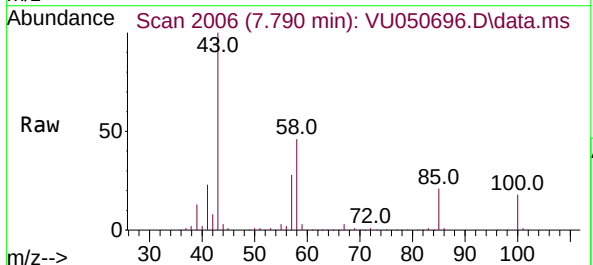
Tgt Ion: 43 Resp: 382584

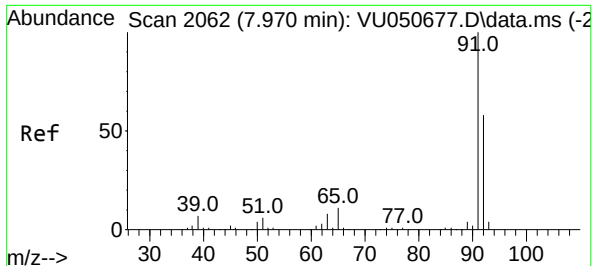
Ion Ratio Lower Upper

43 100

58 44.8 35.1 52.7

100 17.9 12.9 19.3





#42

Toluene

Concen: 45.486 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU050696.D

Acq: 08 Sep 2022 19:39

Instrument :

MSVOA_U

ClientSampleId :

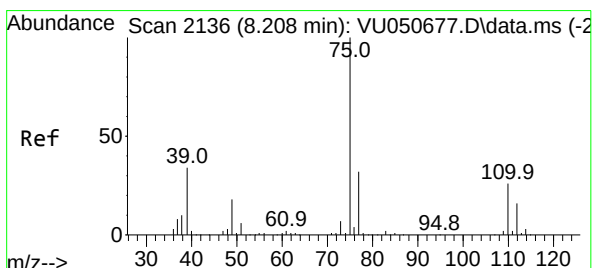
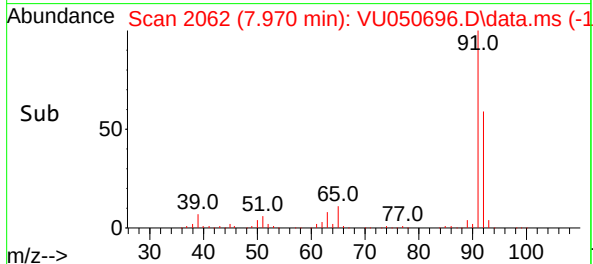
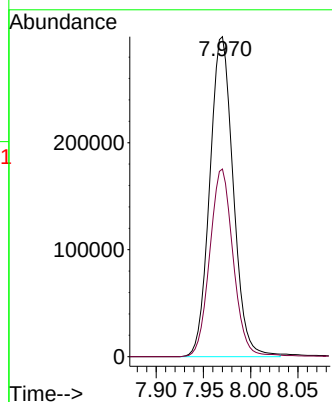
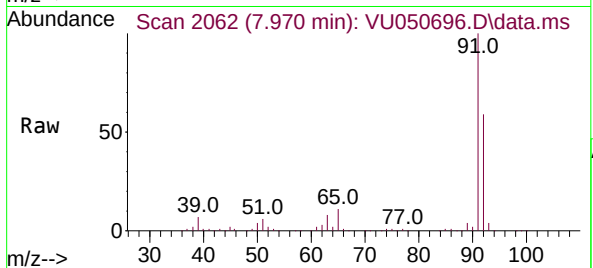
VSTD050195

Tgt Ion: 91 Resp: 516458

Ion Ratio Lower Upper

91 100

92 58.6 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 49.869 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU050696.D

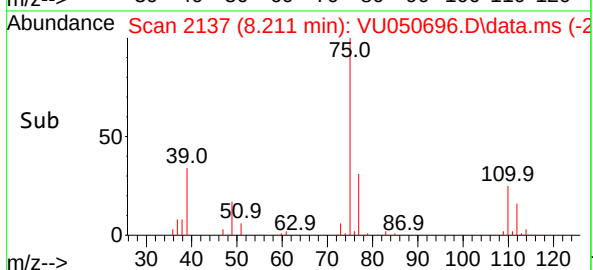
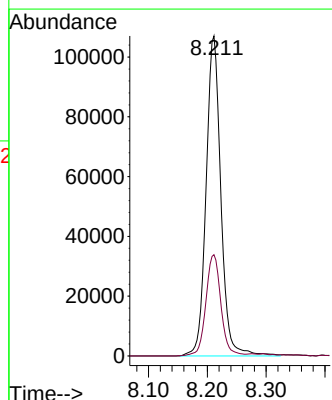
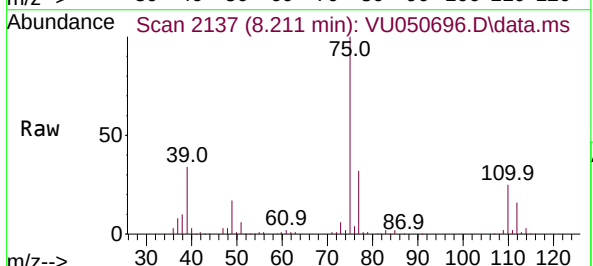
Acq: 08 Sep 2022 19:39

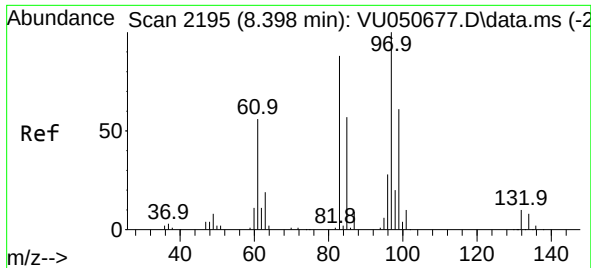
Tgt Ion: 75 Resp: 186993

Ion Ratio Lower Upper

75 100

77 31.7 22.1 41.1

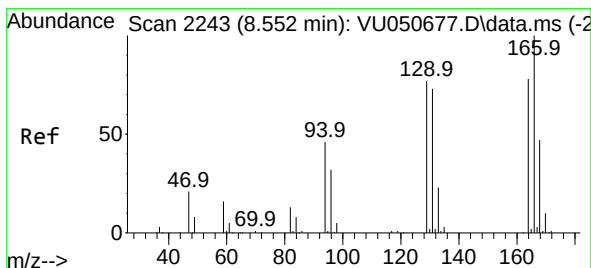
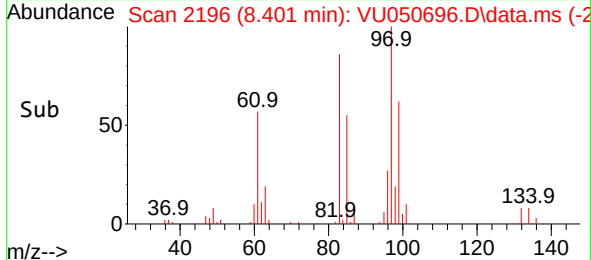
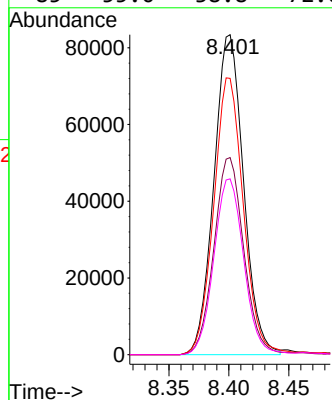
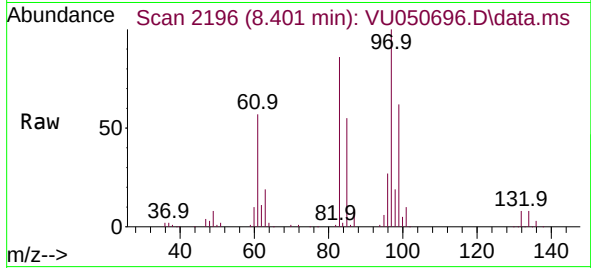




#45
1,1,2-Trichloroethane
Concen: 50.484 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

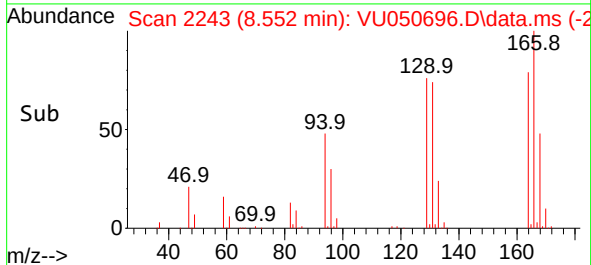
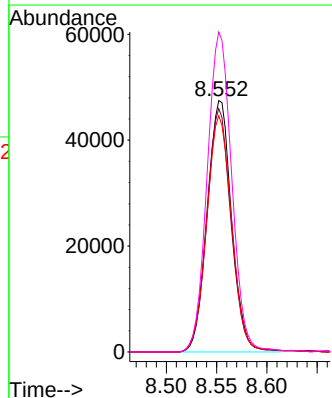
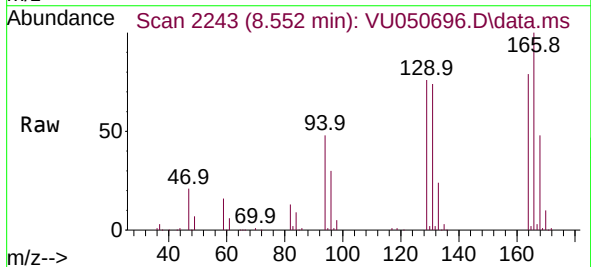
Instrument :
MSVOA_U
ClientSampleId :
VSTD050195

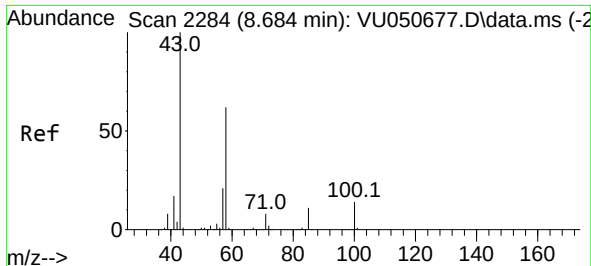
Tgt Ion:	97	Resp:	143189
Ion	Ratio	Lower	Upper
97	100		
99	61.6	43.5	80.9
83	86.4	61.6	114.4
85	55.0	38.8	72.0



#46
Tetrachloroethene
Concen: 42.008 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

Tgt Ion:	164	Resp:	79913
Ion	Ratio	Lower	Upper
164	100		
129	96.8	68.7	127.5
131	94.0	66.2	123.0
166	127.3	87.7	162.9

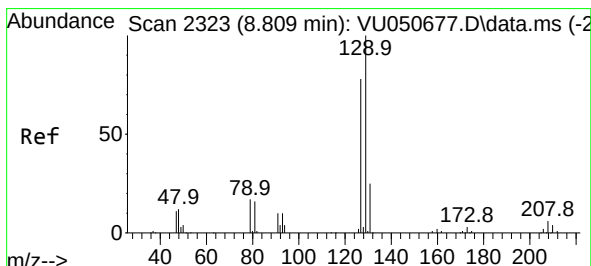
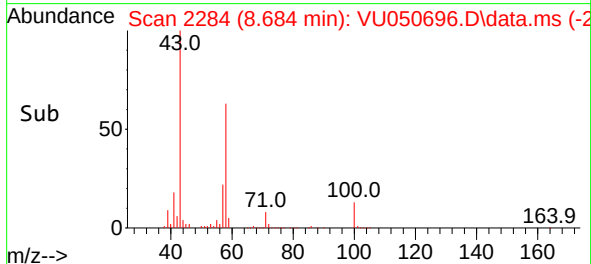
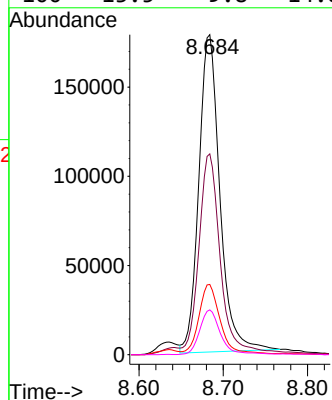
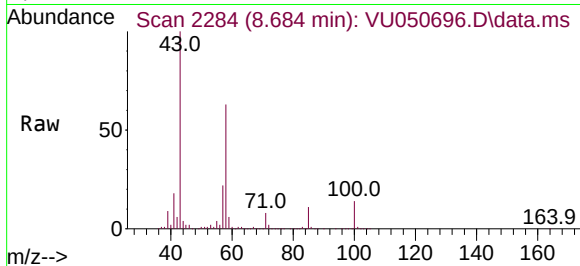




#48
2-Hexanone
Concen: 82.562 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

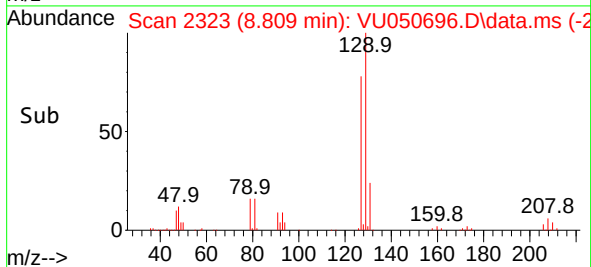
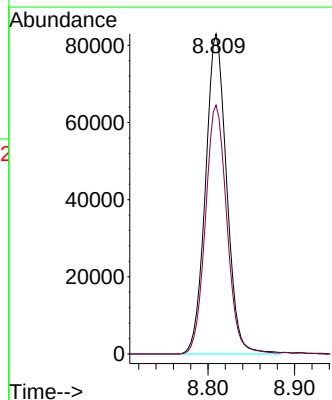
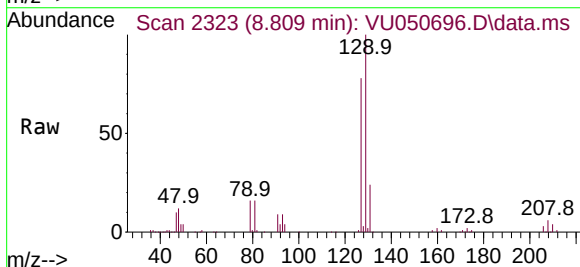
Instrument :
MSVOA_U
ClientSampleId :
VSTD050195

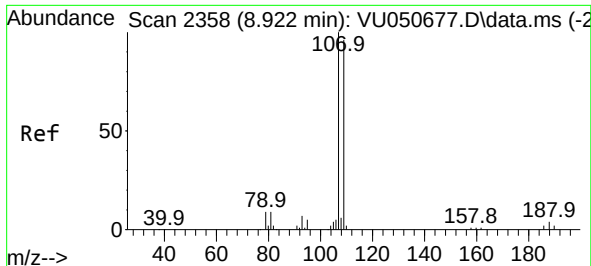
Tgt Ion: 43 Resp: 310018
Ion Ratio Lower Upper
43 100
58 62.7 51.8 77.6
57 21.8 17.0 25.4
100 13.5 9.8 14.8



#49
Dibromochloromethane
Concen: 51.995 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

Tgt Ion: 129 Resp: 140661
Ion Ratio Lower Upper
129 100
127 77.7 53.8 100.0

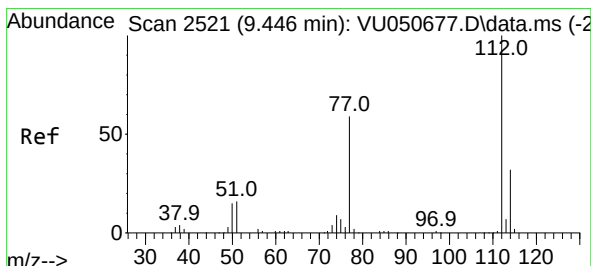
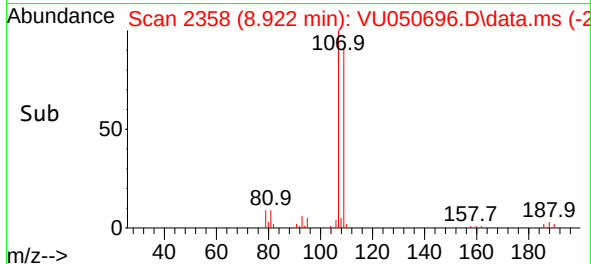
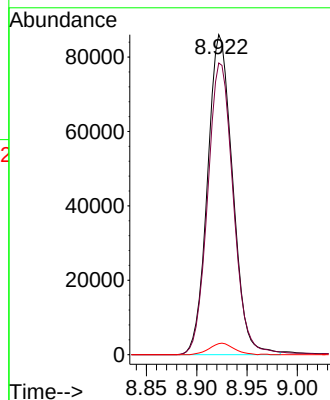
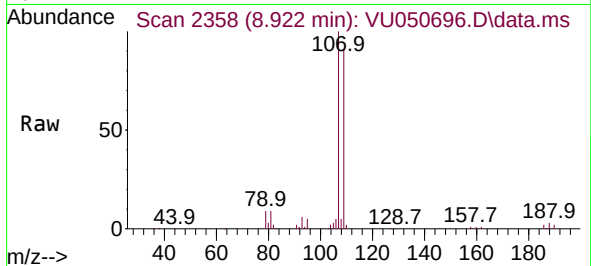




#50
1,2-Dibromoethane
Concen: 51.931 ug/L
RT: 8.922 min Scan# 2358
Delta R.T. 0.000 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

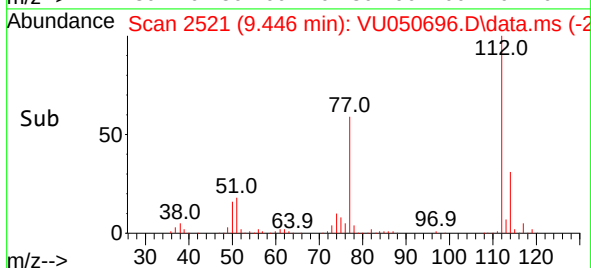
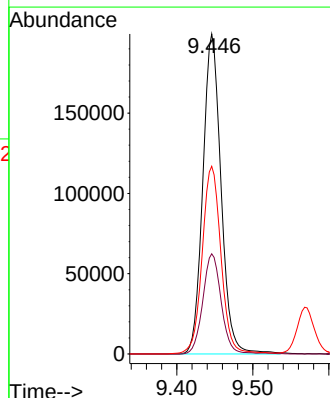
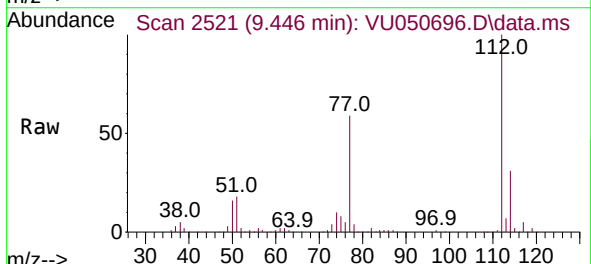
Instrument :
MSVOA_U
ClientSampleId :
VSTD050195

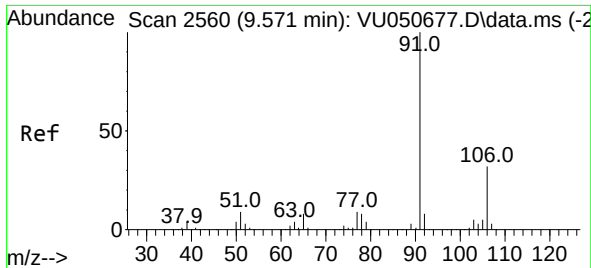
Tgt Ion:107 Resp: 149793
Ion Ratio Lower Upper
107 100
109 91.2 67.5 125.4
188 3.4 2.5 3.7



#51
Chlorobenzene
Concen: 47.100 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

Tgt Ion:112 Resp: 331904
Ion Ratio Lower Upper
112 100
114 31.3 22.1 41.1
77 58.7 49.2 73.8

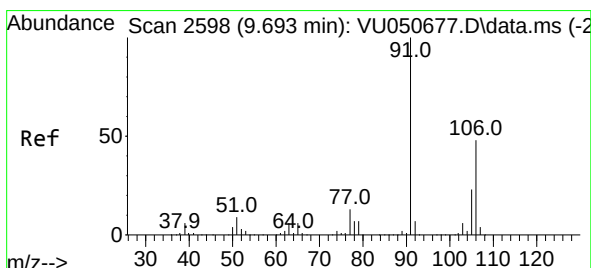
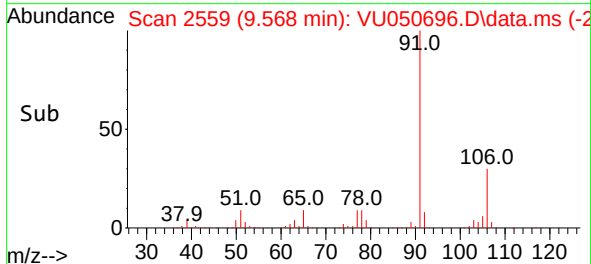
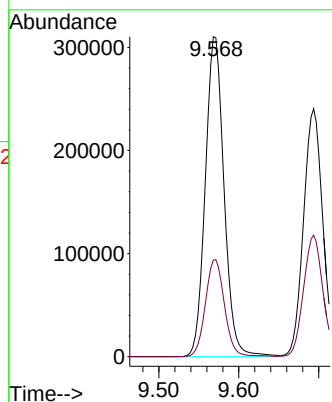
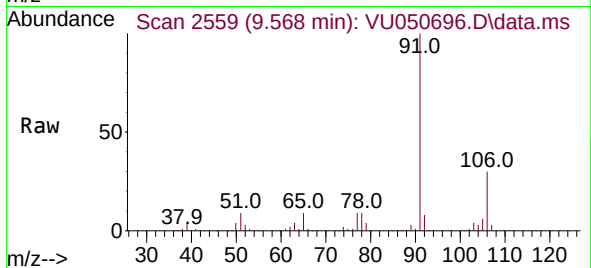




#52
Ethylbenzene
Concen: 45.244 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.003 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

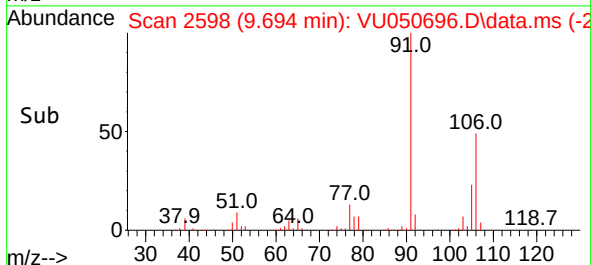
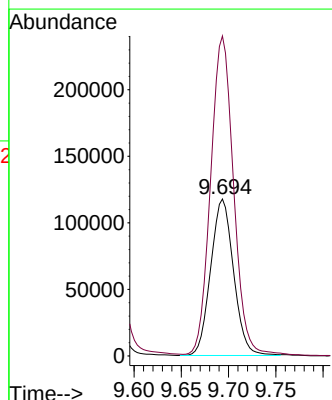
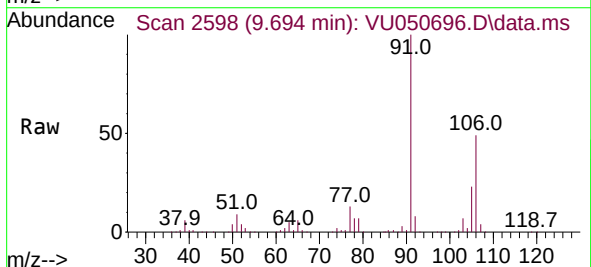
Instrument :
MSVOA_U
ClientSampleId :
VSTD050195

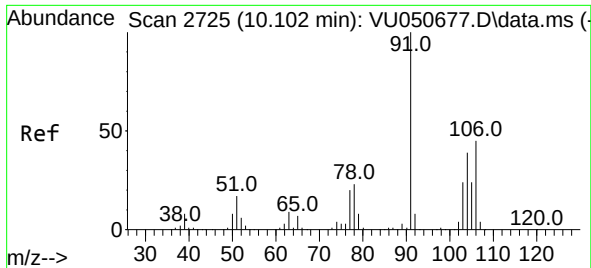
Tgt Ion: 91 Resp: 507485
Ion Ratio Lower Upper
91 100
106 30.2 21.2 39.4



#53
m,p-Xylene
Concen: 46.076 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

Tgt Ion: 106 Resp: 198005
Ion Ratio Lower Upper
106 100
91 203.8 147.1 273.3

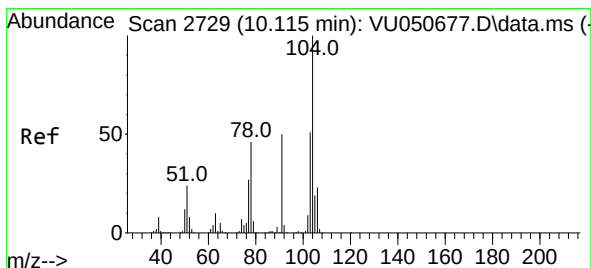
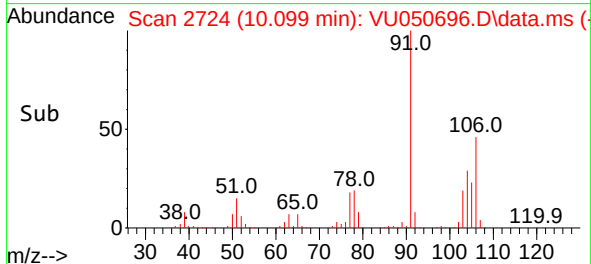
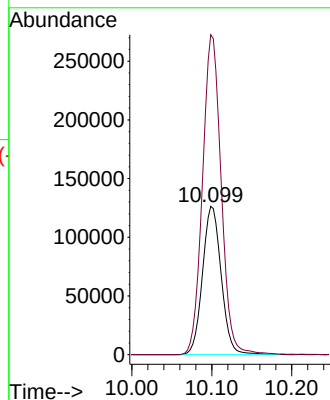
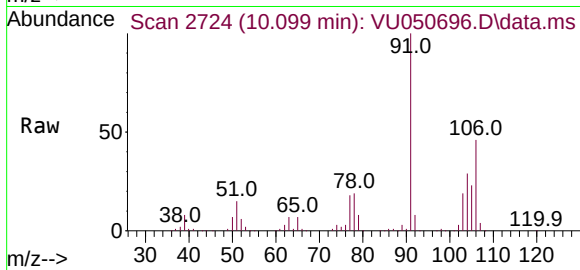




#54
o-Xylene
Concen: 48.127 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

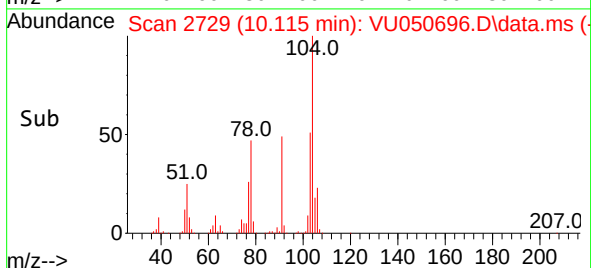
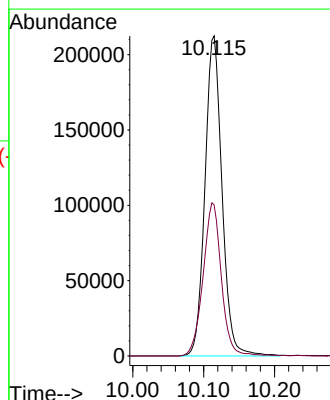
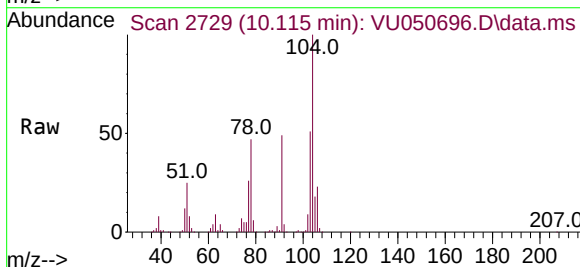
Instrument :
MSVOA_U
ClientSampleId :
VSTD050195

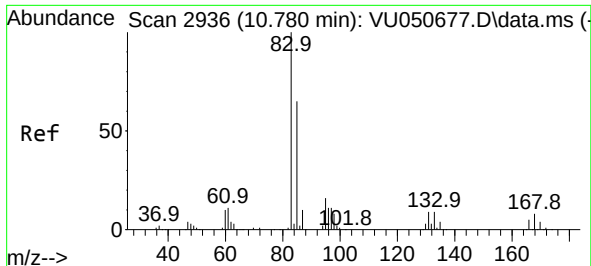
Tgt Ion:106 Resp: 205906
Ion Ratio Lower Upper
106 100
91 215.8 153.4 284.8



#55
Styrene
Concen: 50.532 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

Tgt Ion:104 Resp: 355721
Ion Ratio Lower Upper
104 100
78 47.2 32.8 60.8

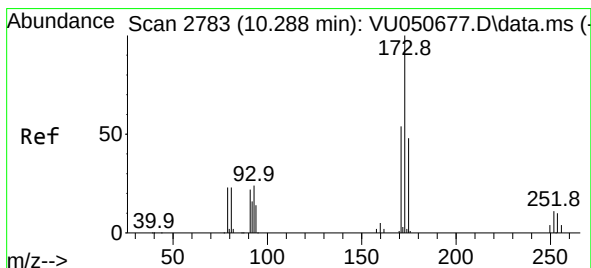
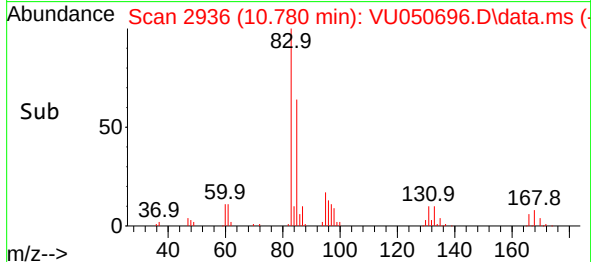
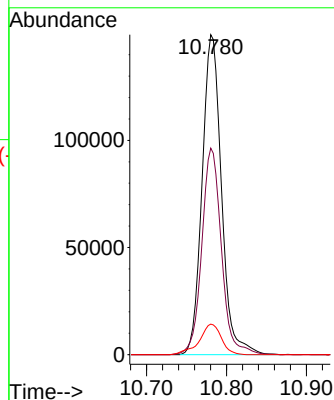
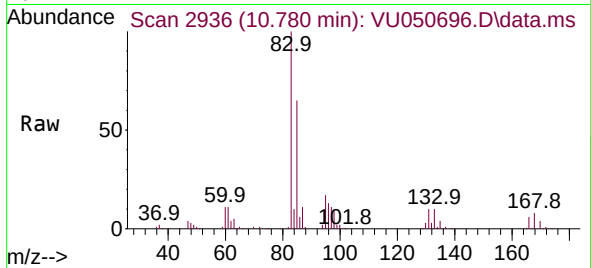




#57
1,1,2,2-Tetrachloroethane
Concen: 49.876 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

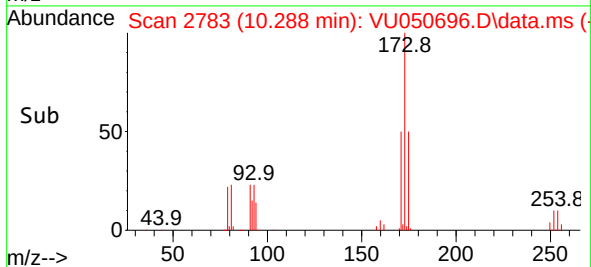
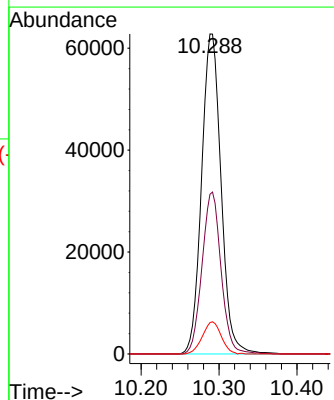
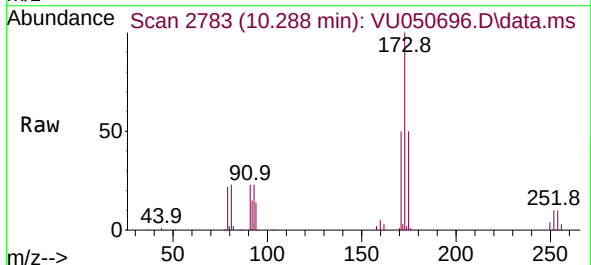
Instrument :
MSVOA_U
ClientSampleId :
VSTD050195

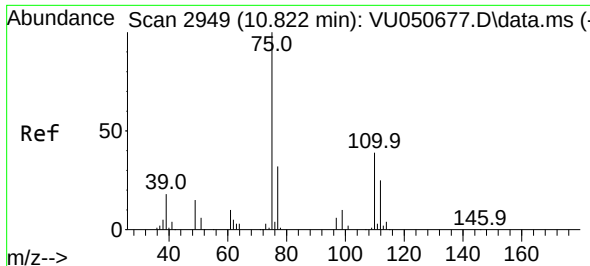
Tgt Ion: 83 Resp: 251979
Ion Ratio Lower Upper
83 100
85 64.6 45.5 84.5
131 9.5 7.7 11.5



#59
Bromoform
Concen: 48.851 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

Tgt Ion:173 Resp: 109022
Ion Ratio Lower Upper
173 100
175 49.3 40.0 60.0
254 9.7 7.4 11.0

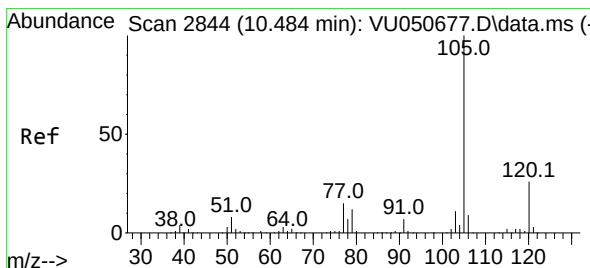
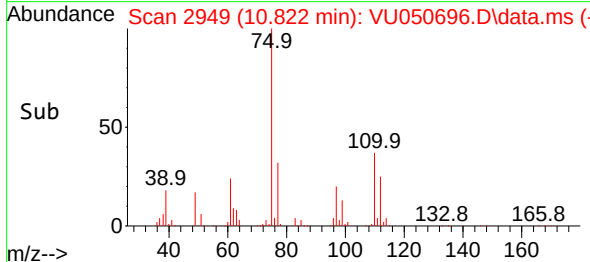
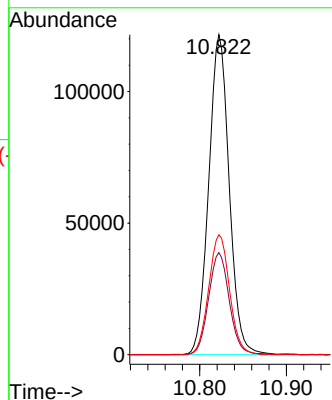
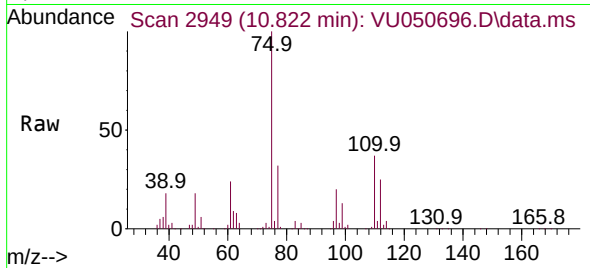




#60
1,2,3-Trichloropropane
Concen: 45.542 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

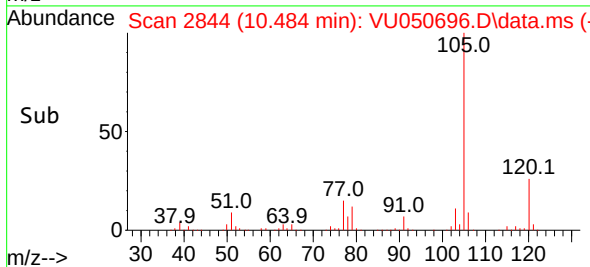
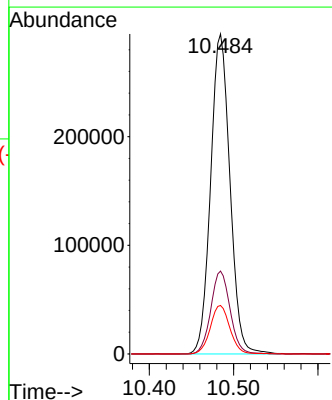
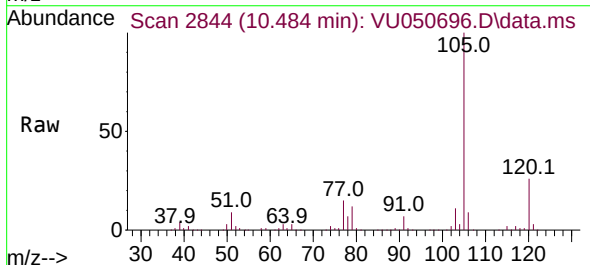
Instrument :
MSVOA_U
ClientSampleId :
VSTD050195

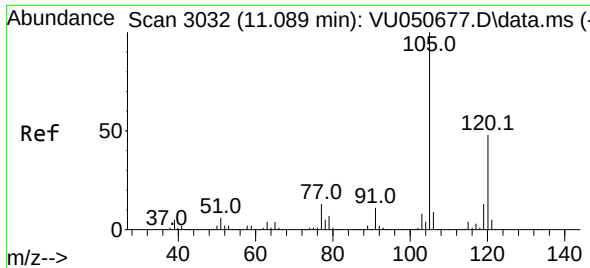
Tgt Ion:	75	Resp:	199875
Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.8	38.8
110	38.3	29.3	43.9



#61
Isopropylbenzene
Concen: 39.595 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

Tgt Ion:	105	Resp:	468802
Ion	Ratio	Lower	Upper
105	100		
120	25.9	20.4	30.6
77	15.4	12.8	19.2

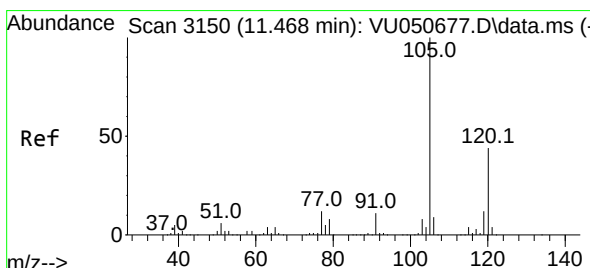
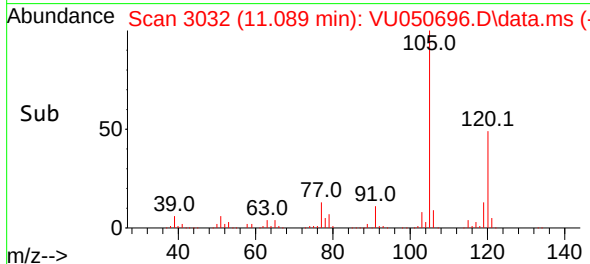
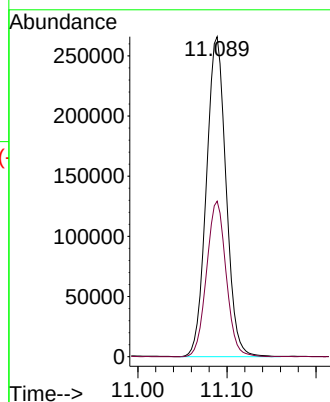
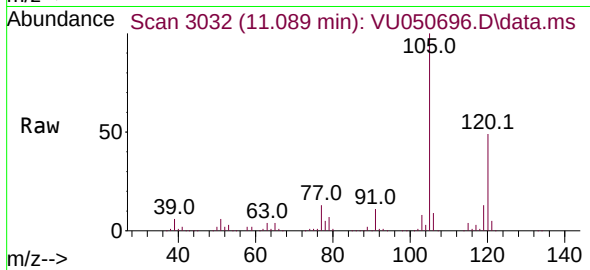




#62
 1,3,5-Trimethylbenzene
 Concen: 40.240 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU050696.D
 Acq: 08 Sep 2022 19:39

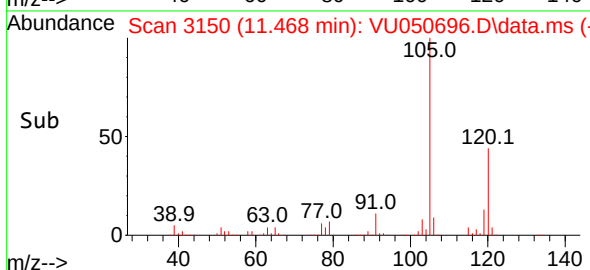
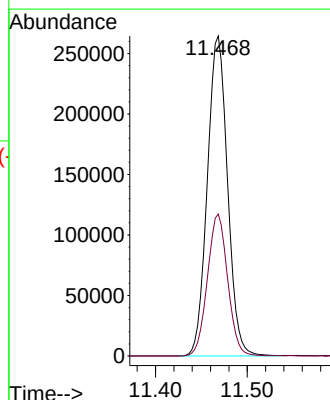
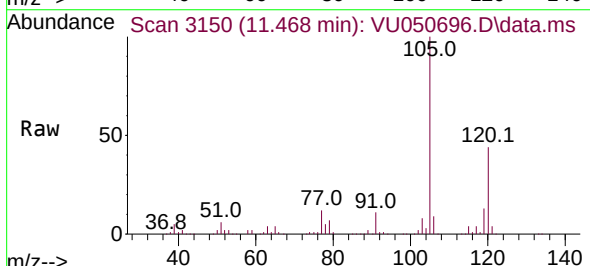
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050195

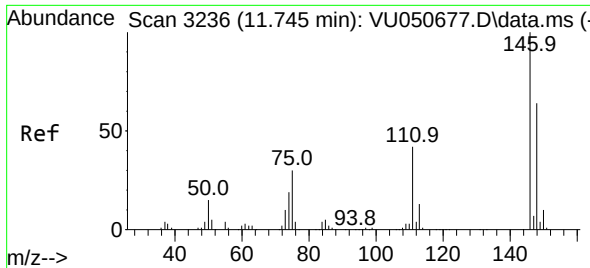
Tgt Ion:105 Resp: 407319
 Ion Ratio Lower Upper
 105 100
 120 48.2 37.7 56.5



#63
 1,2,4-Trimethylbenzene
 Concen: 41.666 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU050696.D
 Acq: 08 Sep 2022 19:39

Tgt Ion:105 Resp: 404999
 Ion Ratio Lower Upper
 105 100
 120 44.3 35.3 52.9

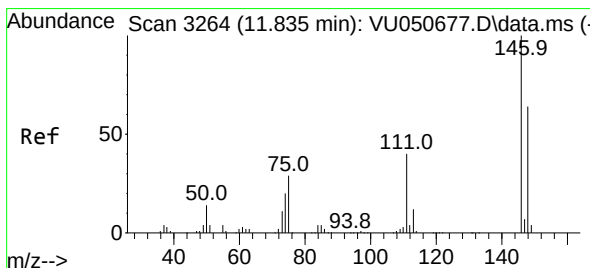
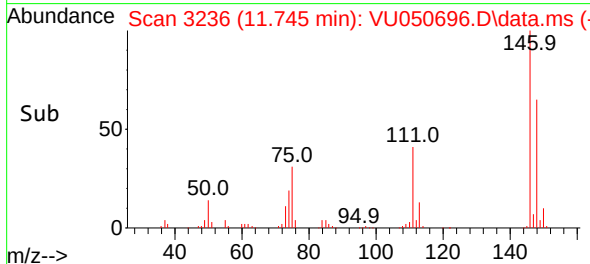
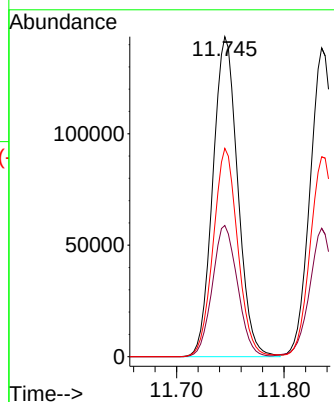
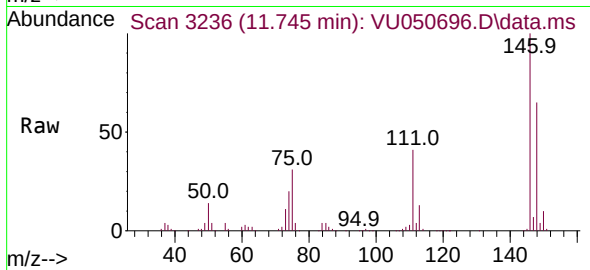




#64
1,3-Dichlorobenzene
Concen: 44.311 ug/L
RT: 11.745 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

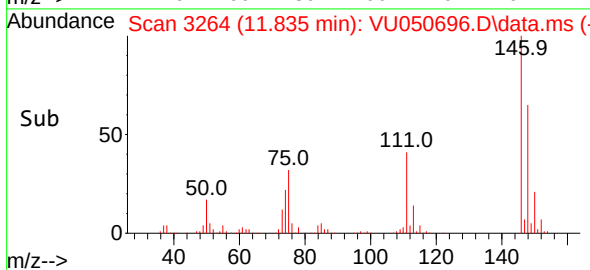
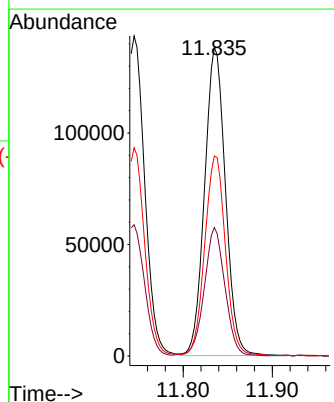
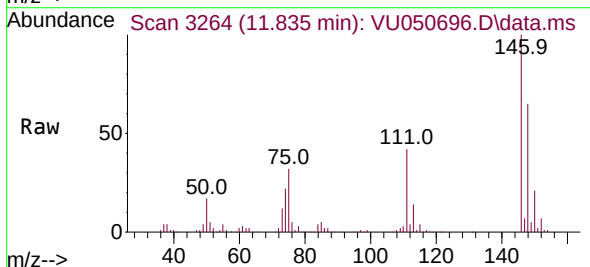
Instrument :
MSVOA_U
ClientSampleId :
VSTD050195

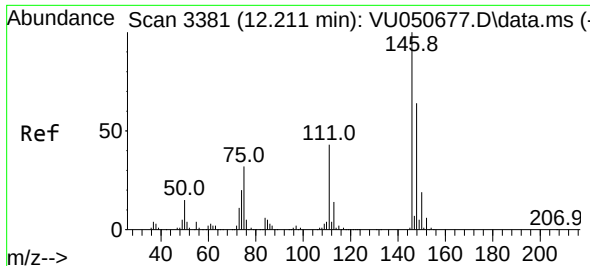
Tgt Ion:146 Resp: 230847
Ion Ratio Lower Upper
146 100
111 41.0 29.9 55.5
148 65.1 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 43.575 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU050696.D
Acq: 08 Sep 2022 19:39

Tgt Ion:146 Resp: 224388
Ion Ratio Lower Upper
146 100
111 41.6 27.9 51.7
148 64.7 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 45.211 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU050696.D

Acq: 08 Sep 2022 19:39

Instrument :

MSVOA_U

ClientSampleId :

VSTD050195

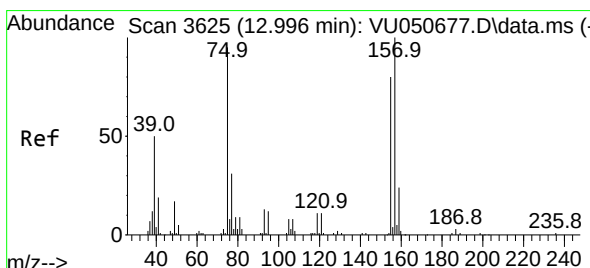
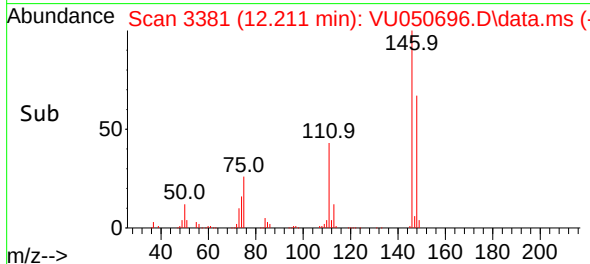
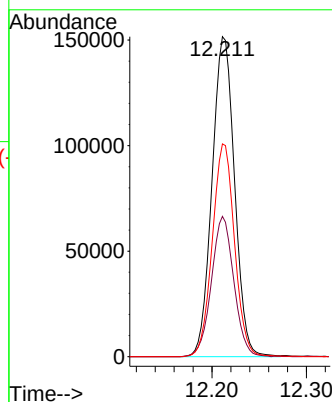
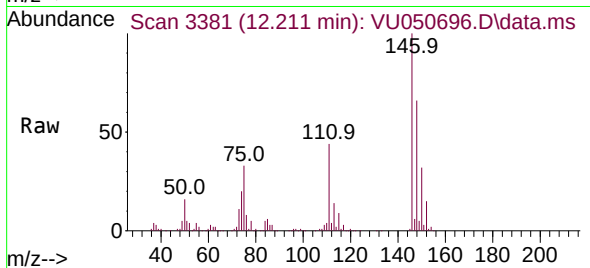
Tgt Ion:146 Resp: 250853

Ion Ratio Lower Upper

146 100

111 43.9 35.1 52.7

148 66.5 51.8 77.6



#68

1,2-Dibromo-3-chloropropane

Concen: 45.030 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU050696.D

Acq: 08 Sep 2022 19:39

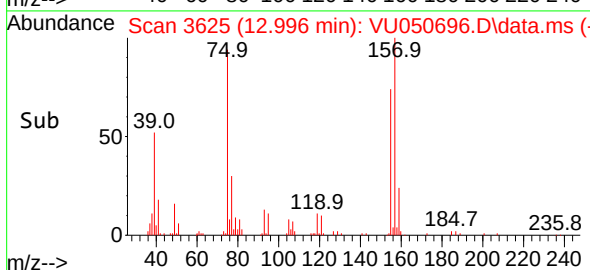
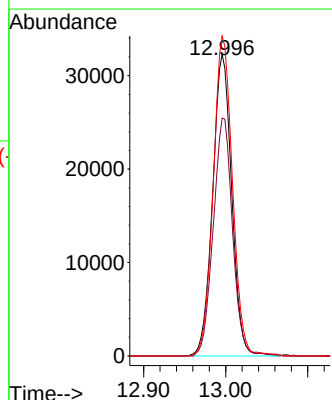
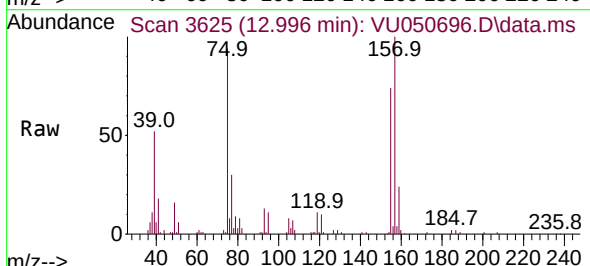
Tgt Ion: 75 Resp: 52189

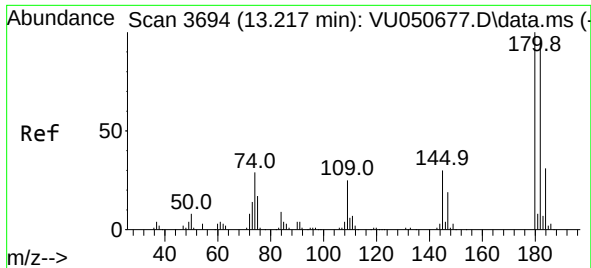
Ion Ratio Lower Upper

75 100

155 78.9 67.8 101.6

157 106.1 82.6 124.0

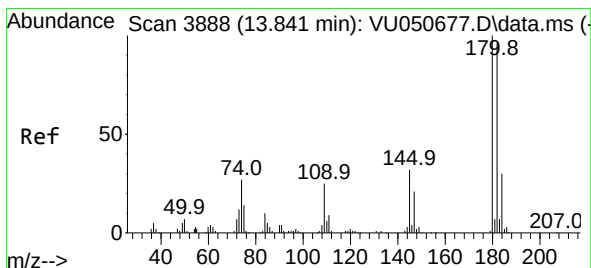
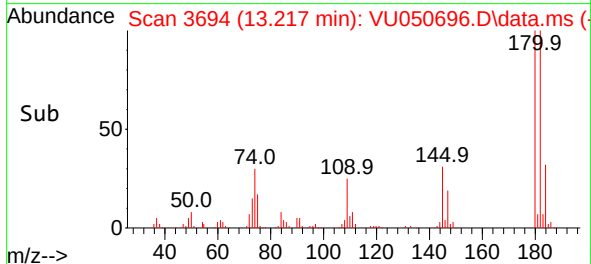
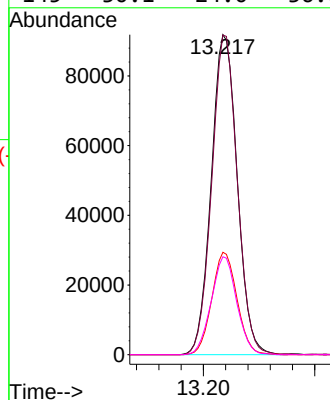
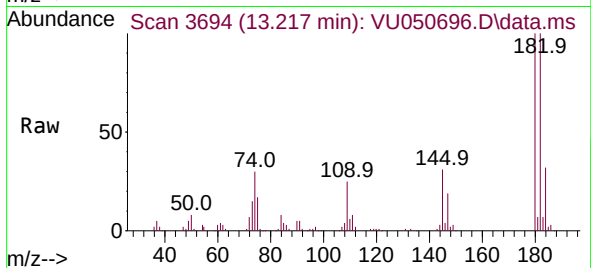




#69
 1,3,5-Trichlorobenzene
 Concen: 39.325 ug/L
 RT: 13.217 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VU050696.D
 Acq: 08 Sep 2022 19:39

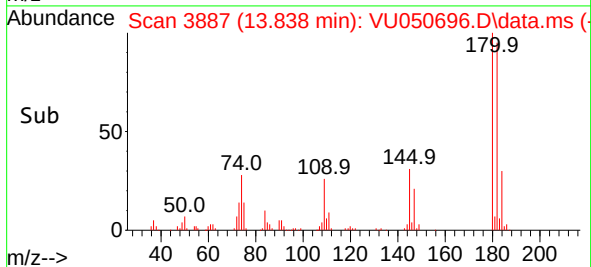
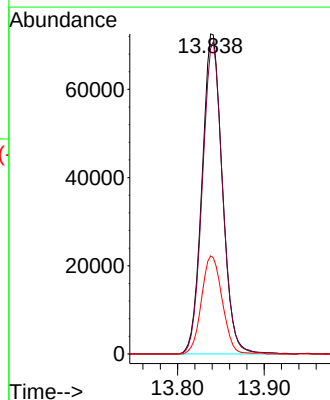
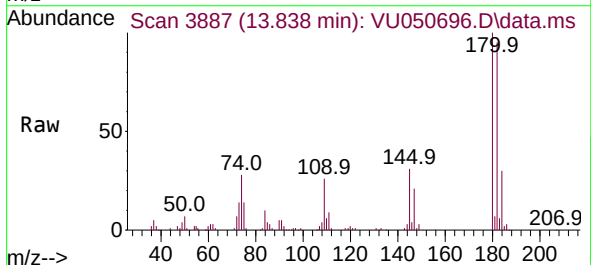
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050195

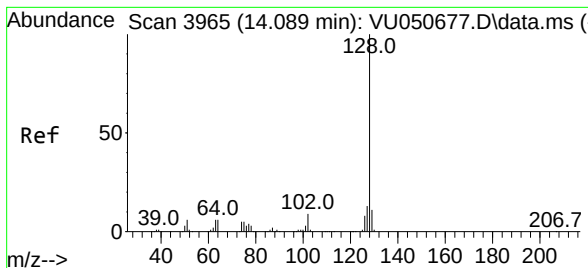
Tgt Ion:180 Resp: 148675
 Ion Ratio Lower Upper
 180 100
 182 98.0 75.3 112.9
 184 31.1 23.8 35.8
 145 30.1 24.0 36.0



#70
 1,2,4-trichlorobenzene
 Concen: 36.823 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.003 min
 Lab File: VU050696.D
 Acq: 08 Sep 2022 19:39

Tgt Ion:180 Resp: 118215
 Ion Ratio Lower Upper
 180 100
 182 96.5 76.2 114.2
 145 31.1 24.7 37.1





#71

Naphthalene

Concen: 35.131 ug/L

RT: 14.086 min Scan# 3965

Delta R.T. -0.003 min

Lab File: VU050696.D

Acq: 08 Sep 2022 19:39

Instrument :

MSVOA_U

ClientSampleId :

VSTD050195

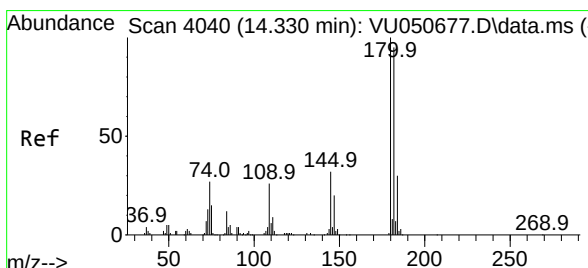
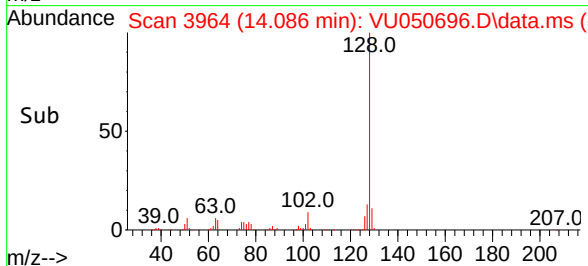
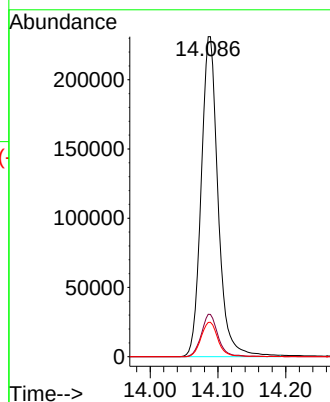
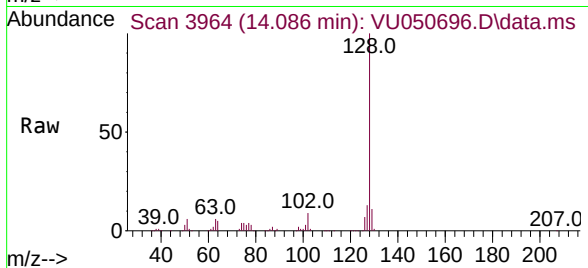
Tgt Ion:128 Resp: 399871

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 10.7 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 38.298 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU050696.D

Acq: 08 Sep 2022 19:39

Tgt Ion:180 Resp: 133142

Ion Ratio Lower Upper

180 100

182 95.3 76.1 114.1

145 32.6 26.4 39.6

