

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU048996.D
 Acq On : 10 Jun 2022 14:18
 Operator : SY/MD
 Sample : VSTD20078
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200078

Quant Time: Jun 10 22:28:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 22:26:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	320906	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	322611	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	194941	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	395643	198.702	ug/L	0.00
7) Chloroethane-d5	1.887	69	282863	192.759	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.562	63	730955	169.728	ug/L	0.00
21) 2-Butanone-d5	4.616	46	902055	471.236	ug/L	0.00
24) Chloroform-d	5.060	84	831542	171.857	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	547212	162.953	ug/L	0.00
32) Benzene-d6	5.726	84	1552760	175.934	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	525770	196.708	ug/L	0.00
41) Toluene-d8	7.896	98	1429747	175.298	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	266203	165.988	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	672805	472.746	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	944181	214.720	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	668307	171.063	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	542286	165.148	ug/L	99
3) Chloromethane	1.520	50	558525	247.203	ug/L	99
5) Vinyl chloride	1.600	62	530371	225.732	ug/L	100
6) Bromomethane	1.829	94	294634	185.697	ug/L	100
8) Chloroethane	1.909	64	289165	212.963	ug/L	97
9) Trichlorofluoromethane	2.125	101	740624	173.703	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	414649	187.890	ug/L	99
12) 1,1-Dichloroethene	2.571	96	377667	184.701	ug/L	98
13) Acetone	2.623	43	598333	396.298	ug/L	99
14) Carbon disulfide	2.784	76	929699	160.168	ug/L	100
15) Methyl Acetate	2.941	43	633609	233.558	ug/L	99
16) Methylene chloride	3.038	84	470327	193.769	ug/L	98
17) trans-1,2-Dichloroethene	3.346	96	405099	182.935	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	1568977	201.929	ug/L	99
19) 1,1-Dichloroethane	3.864	63	868821	208.537	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	504690	200.091	ug/L	99
22) 2-Butanone	4.697	43	1010002	497.540	ug/L	99
23) Bromochloromethane	4.970	128	260634	187.752	ug/L	99
25) Chloroform	5.086	83	909226	190.504	ug/L	99
27) 1,2-Dichloroethane	5.790	62	737626	183.602	ug/L	99
29) Cyclohexane	5.385	56	690017	208.252	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	821618	173.656	ug/L	99
31) Carbon tetrachloride	5.523	117	719670	168.714	ug/L	100
33) Benzene	5.771	78	1886174	198.843	ug/L	100
34) Trichloroethene	6.539	95	485564	185.621	ug/L	99
35) Methylcyclohexane	6.761	83	728721	194.822	ug/L	99
37) 1,2-Dichloropropane	6.790	63	529450	217.970	ug/L	100
38) Bromodichloromethane	7.105	83	726034	193.217	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	874173	218.569	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	2003269	528.348	ug/L	98
42) Toluene	7.970	91	2064789	203.351	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	860723	207.762	ug/L	99

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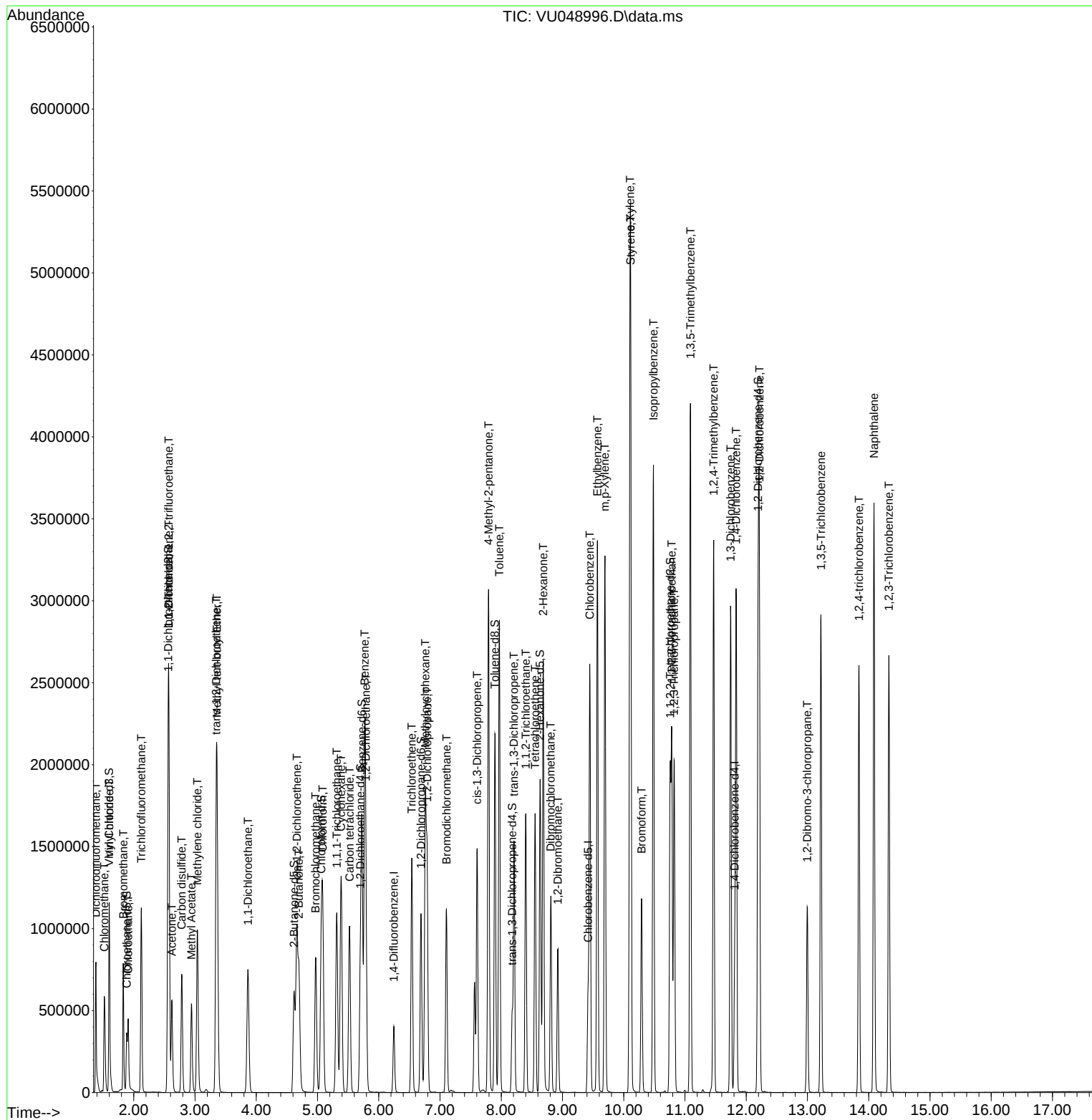
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	522850	206.374	ug/L	99
46) Tetrachloroethene	8.552	164	374266	179.557	ug/L	98
48) 2-Hexanone	8.687	43	1662018	521.837	ug/L	100
49) Dibromochloromethane	8.809	129	615439	194.643	ug/L	98
50) 1,2-Dibromoethane	8.925	107	565702	196.866	ug/L	98
51) Chlorobenzene	9.446	112	1381260	194.979	ug/L	99
52) Ethylbenzene	9.571	91	2349206	202.801	ug/L	98
53) m,p-Xylene	9.693	106	935169	201.407	ug/L	98
54) o-Xylene	10.102	106	945626	211.420	ug/L	98
55) Styrene	10.115	104	1640490	212.219	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	1055899	237.306	ug/L	98
59) Bromoform	10.291	173	528156	197.530	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	859529	216.118	ug/L	99
61) Isopropylbenzene	10.484	105	2425333	200.389	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	2232608	292.180	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	1819867	180.645	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	1220634	199.005	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	1217239	191.388	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	1234146	195.104	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	299398	200.114	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	900720	187.416	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	788421	183.597	ug/L	98
71) Naphthalene	14.085	128	2819506	196.536	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	801267	183.790	ug/L	99

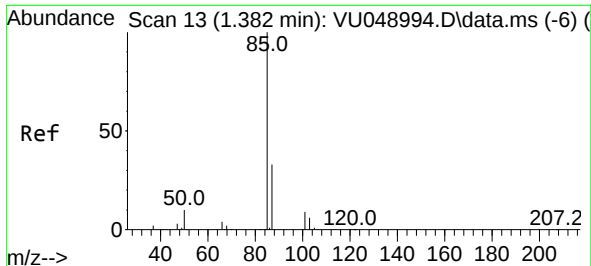
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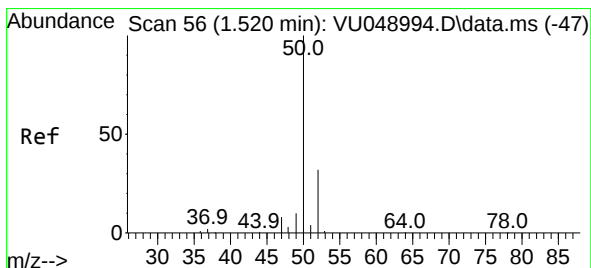
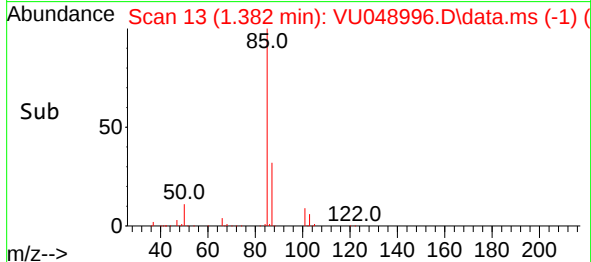
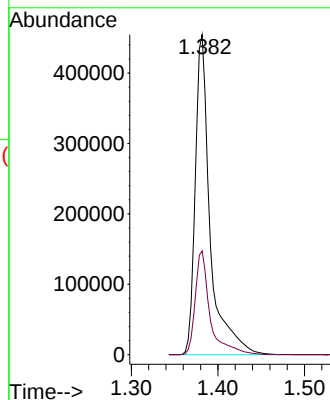
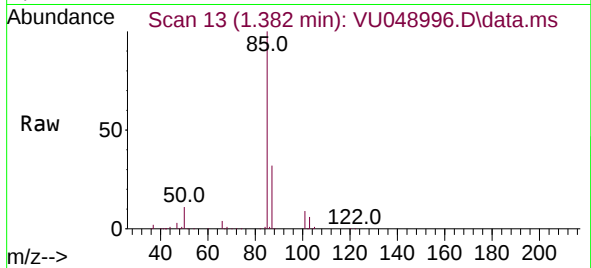




#2
Dichlorodifluoromethane
Concen: 165.148 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

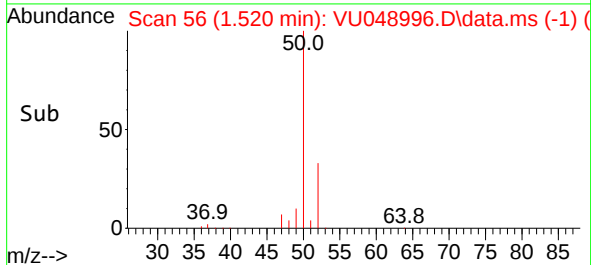
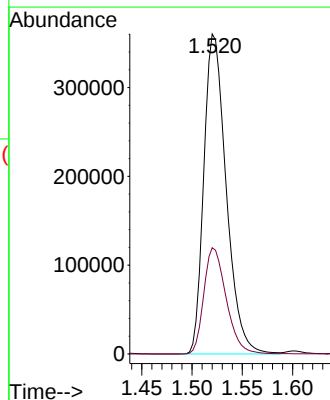
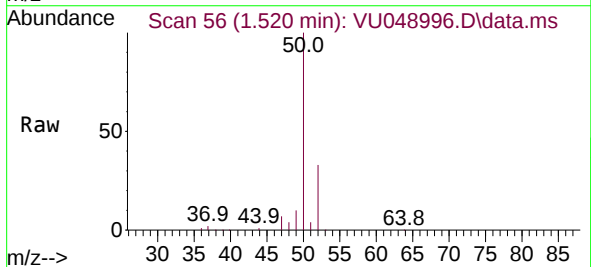
Instrument :
MSVOA_U
ClientSampleId :
VSTD200078

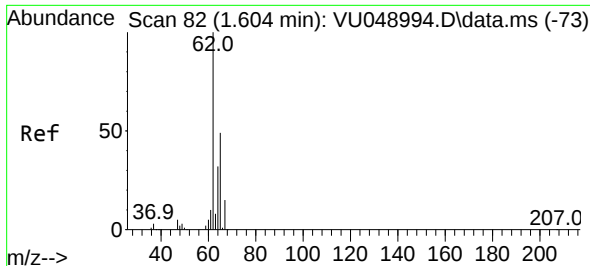
Tgt Ion: 85 Resp: 542286
Ion Ratio Lower Upper
85 100
87 32.4 26.3 39.5



#3
Chloromethane
Concen: 247.203 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

Tgt Ion: 50 Resp: 558525
Ion Ratio Lower Upper
50 100
52 33.2 22.7 42.1

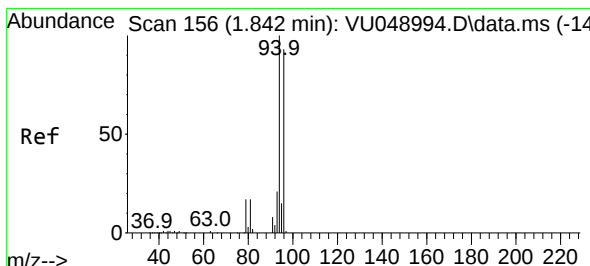
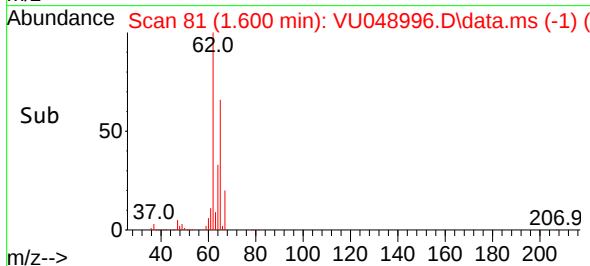
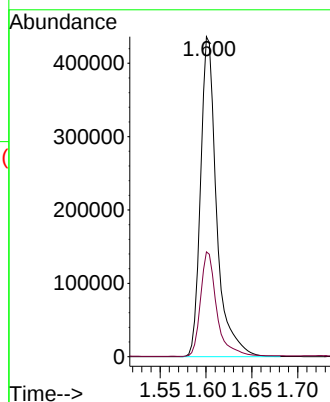
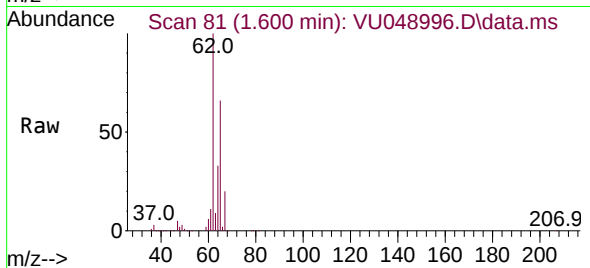




#5
 Vinyl chloride
 Concen: 225.732 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU048996.D
 Acq: 10 Jun 2022 14:18

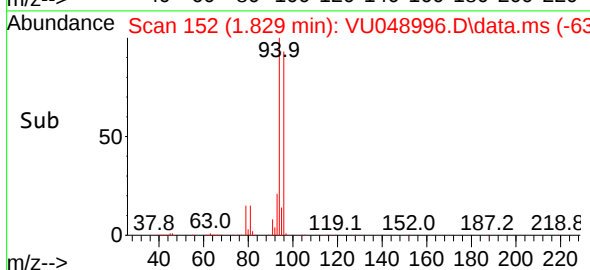
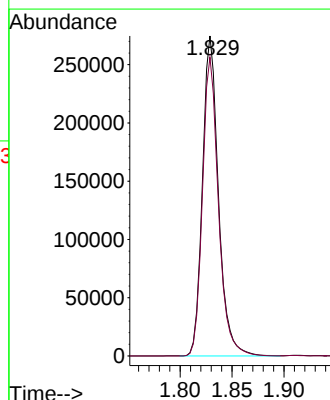
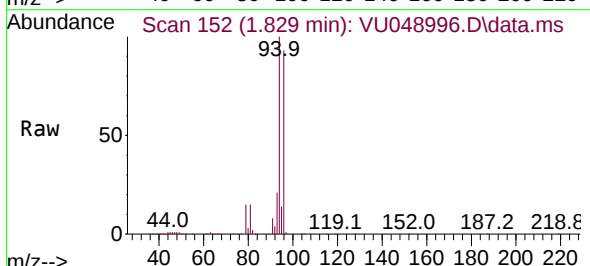
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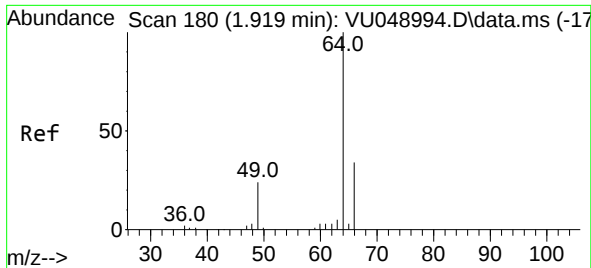
Tgt Ion: 62 Resp: 530371
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.7 42.3



#6
 Bromomethane
 Concen: 185.697 ug/L
 RT: 1.829 min Scan# 152
 Delta R.T. -0.013 min
 Lab File: VU048996.D
 Acq: 10 Jun 2022 14:18

Tgt Ion: 94 Resp: 294634
 Ion Ratio Lower Upper
 94 100
 96 93.4 65.1 120.9

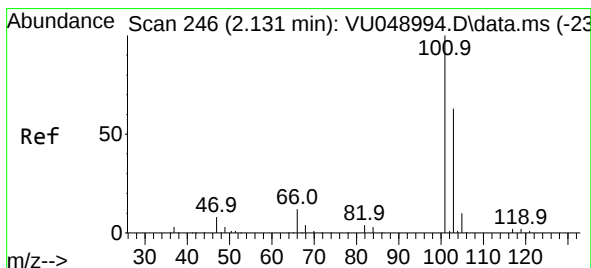
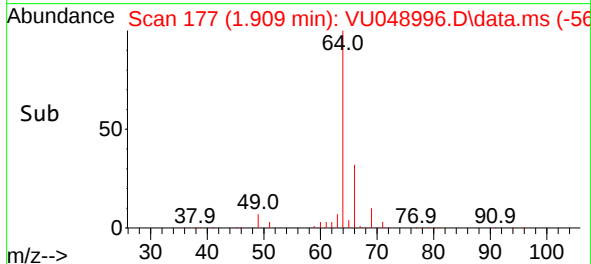
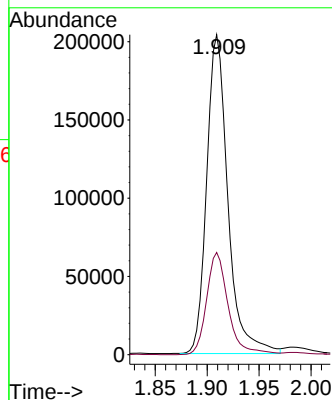
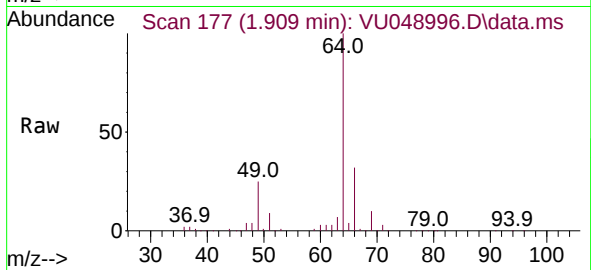




#8
Chloroethane
Concen: 212.963 ug/L
RT: 1.909 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

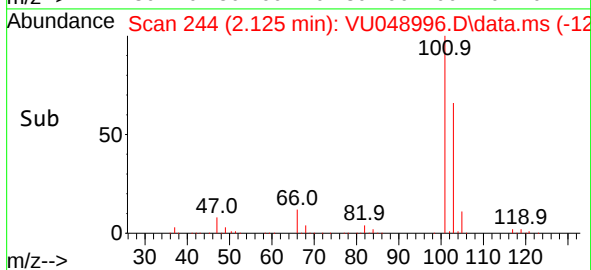
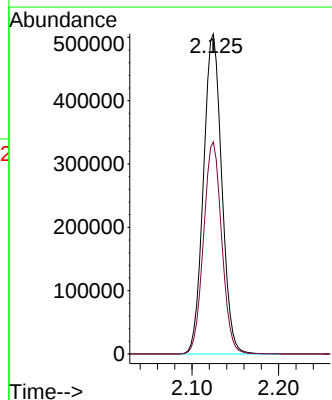
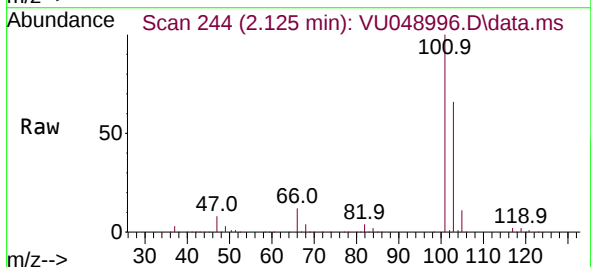
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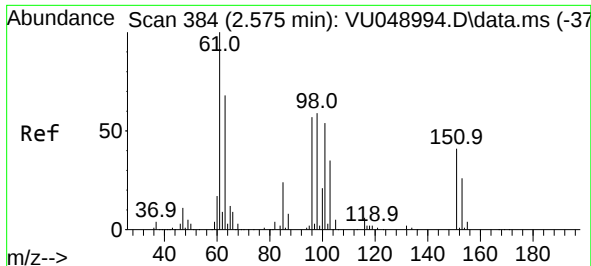
Tgt Ion: 64 Resp: 289165
Ion Ratio Lower Upper
64 100
66 32.0 23.7 43.9



#9
Trichlorofluoromethane
Concen: 173.703 ug/L
RT: 2.125 min Scan# 244
Delta R.T. -0.006 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

Tgt Ion:101 Resp: 740624
Ion Ratio Lower Upper
101 100
103 65.8 51.3 76.9

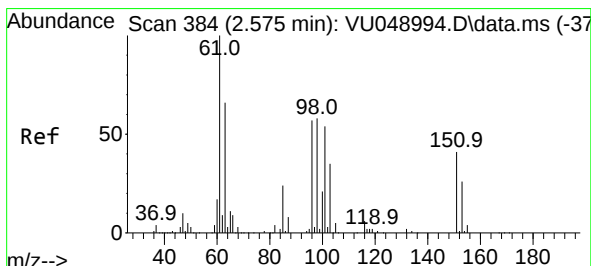
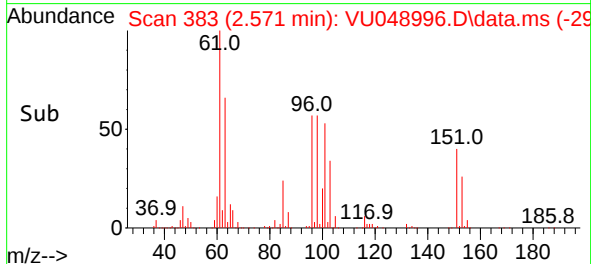
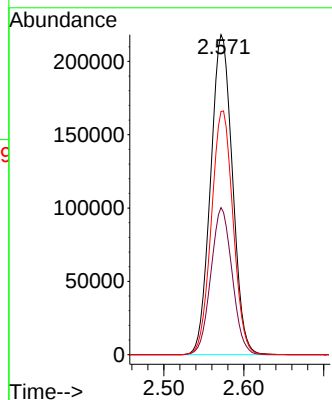
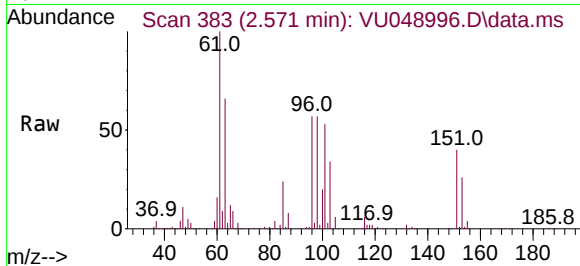




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 187.890 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.003 min
 Lab File: VU048996.D
 Acq: 10 Jun 2022 14:18

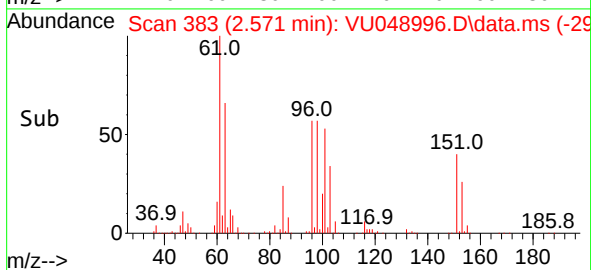
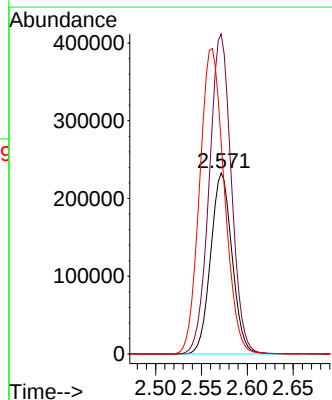
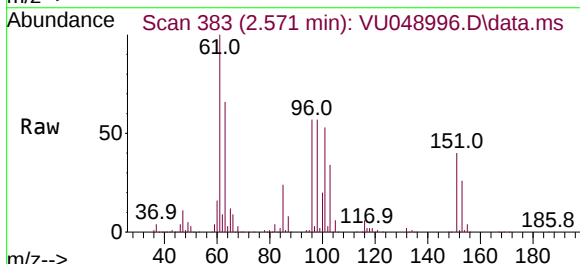
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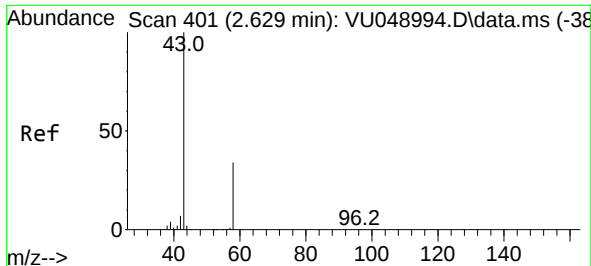
Tgt Ion:101 Resp: 414649
 Ion Ratio Lower Upper
 101 100
 85 44.7 35.2 52.8
 151 75.8 61.4 92.2



#12
 1,1-Dichloroethene
 Concen: 184.701 ug/L
 RT: 2.571 min Scan# 383
 Delta R.T. -0.003 min
 Lab File: VU048996.D
 Acq: 10 Jun 2022 14:18

Tgt Ion: 96 Resp: 377667
 Ion Ratio Lower Upper
 96 100
 61 176.8 123.5 229.3
 63 117.0 86.0 159.8





#13

Acetone

Concen: 396.298 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.006 min

Lab File: VU048996.D

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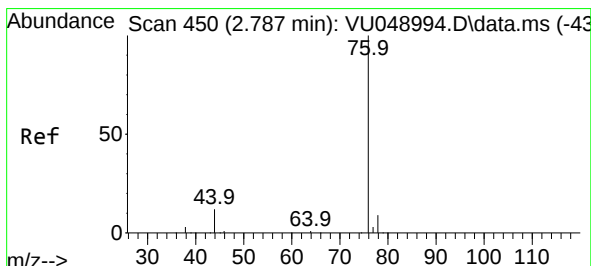
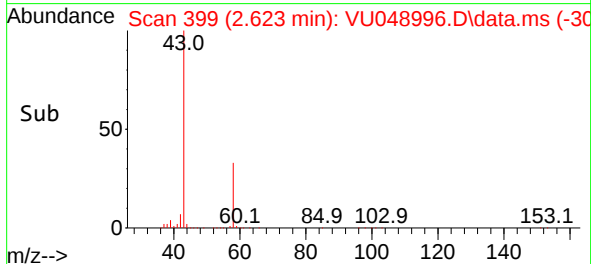
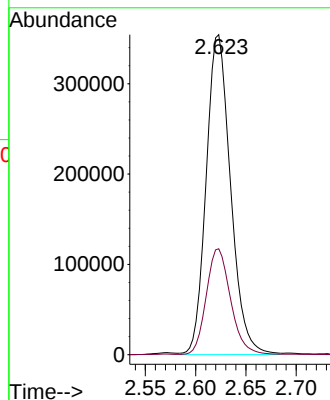
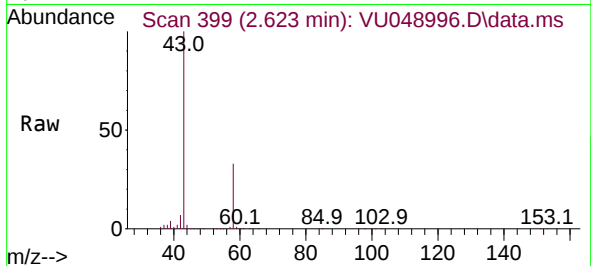
VSTD200078

Tgt Ion: 43 Resp: 598333

Ion Ratio Lower Upper

43 100

58 32.8 0.0 66.4



#14

Carbon disulfide

Concen: 160.168 ug/L

RT: 2.784 min Scan# 449

Delta R.T. -0.003 min

Lab File: VU048996.D

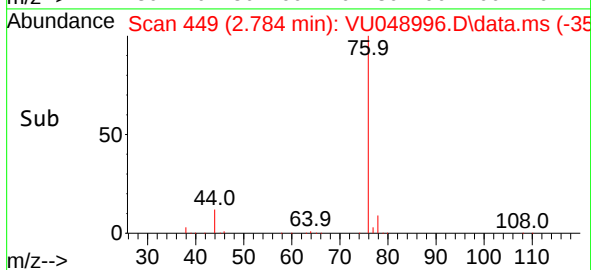
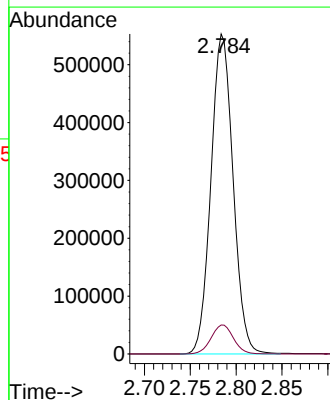
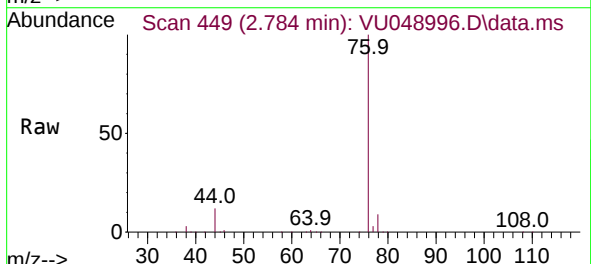
Acq: 10 Jun 2022 14:18

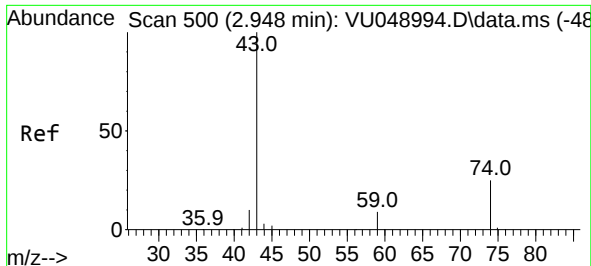
Tgt Ion: 76 Resp: 929699

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7

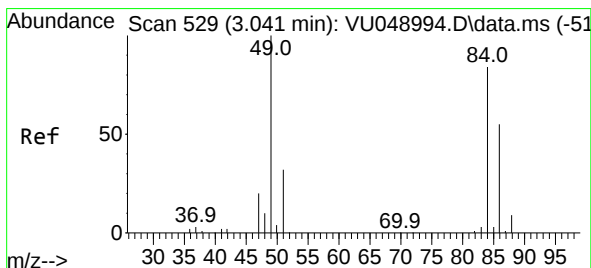
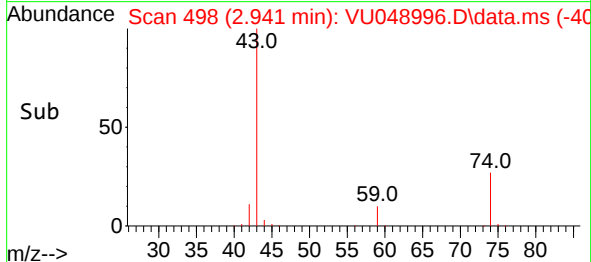
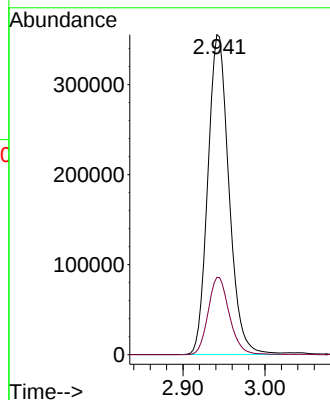
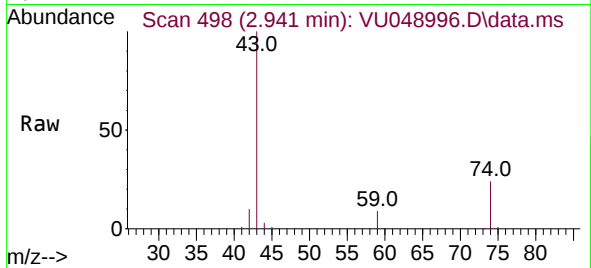




#15
Methyl Acetate
Concen: 233.558 ug/L
RT: 2.941 min Scan# 49
Delta R.T. -0.006 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

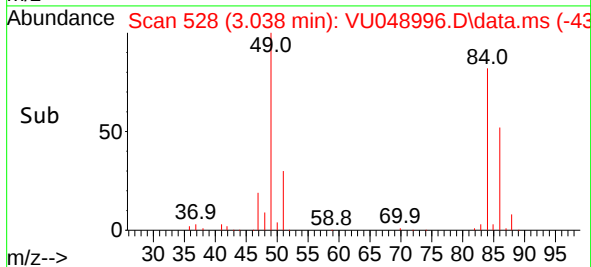
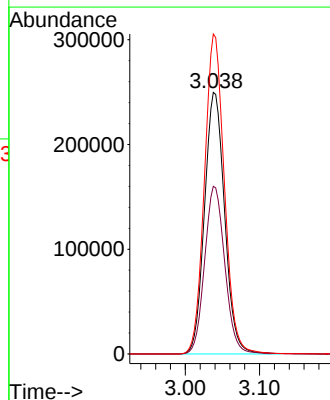
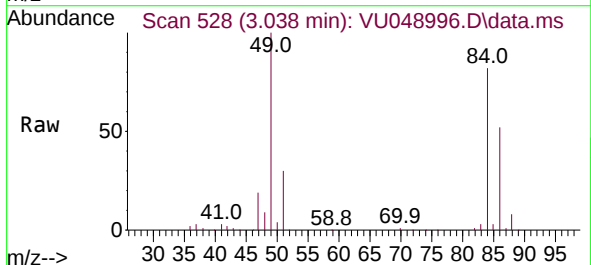
Instrument :
MSVOA_U
ClientSampleId :
VSTD200078

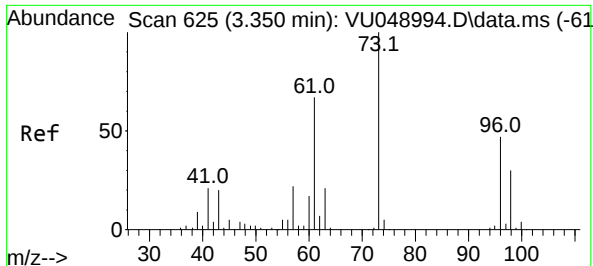
Tgt Ion: 43 Resp: 633609
Ion Ratio Lower Upper
43 100
74 24.4 19.0 28.6



#16
Methylene chloride
Concen: 193.769 ug/L
RT: 3.038 min Scan# 528
Delta R.T. -0.003 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

Tgt Ion: 84 Resp: 470327
Ion Ratio Lower Upper
84 100
86 64.1 45.8 85.0
49 122.3 83.4 155.0

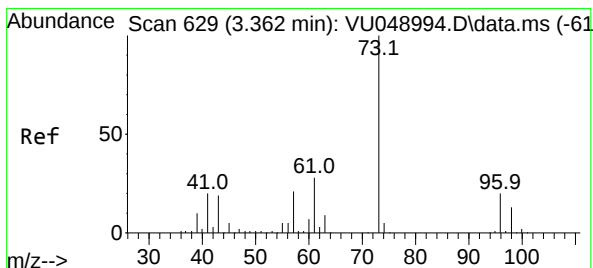
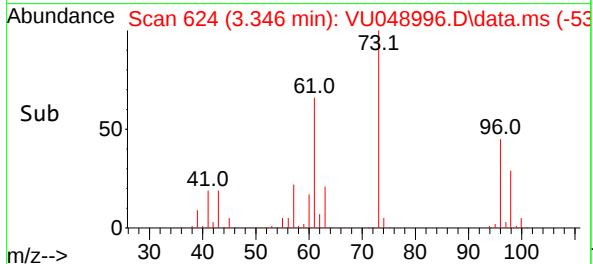
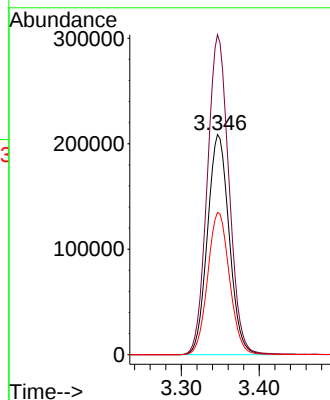
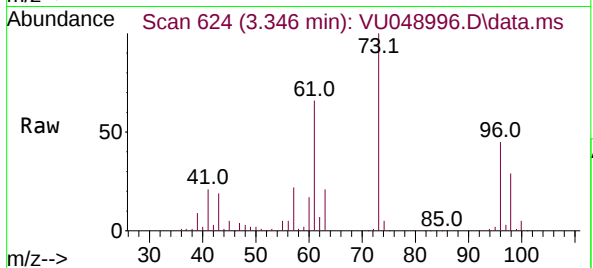




#17
trans-1,2-Dichloroethene
Concen: 182.935 ug/L
RT: 3.346 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

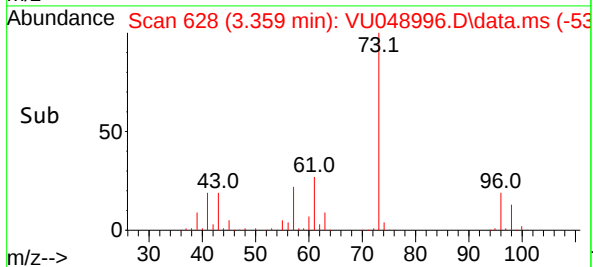
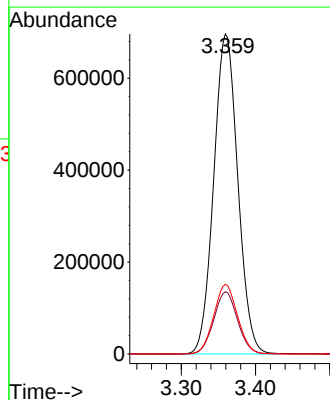
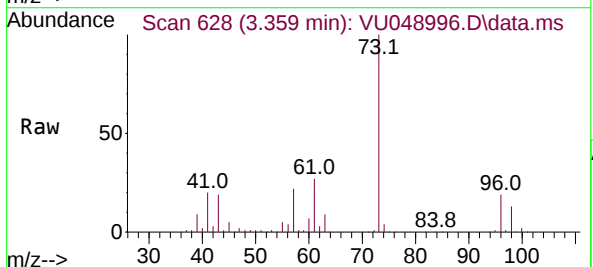
Instrument :
MSVOA_U
ClientSampleId :
VSTD200078

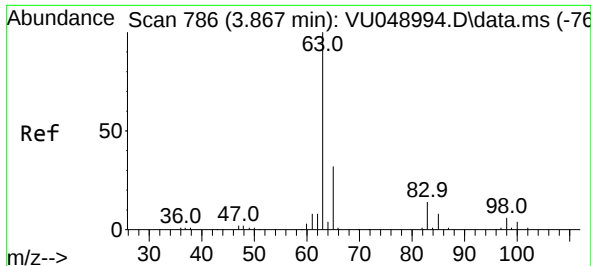
Tgt Ion: 96 Resp: 405099
Ion Ratio Lower Upper
96 100
61 145.4 99.3 184.3
98 64.6 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 201.929 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.003 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

Tgt Ion: 73 Resp: 1568977
Ion Ratio Lower Upper
73 100
43 19.3 15.0 22.4
57 21.5 17.3 25.9





#19

1,1-Dichloroethane

Concen: 208.537 ug/L

RT: 3.864 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU048996.D

Acq: 10 Jun 2022 14:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD200078

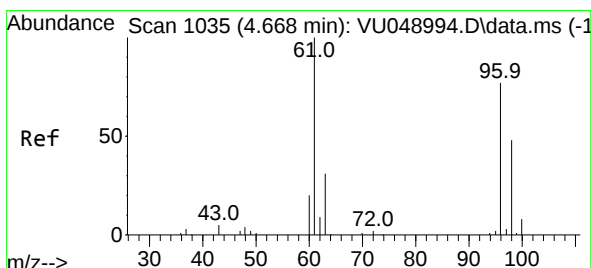
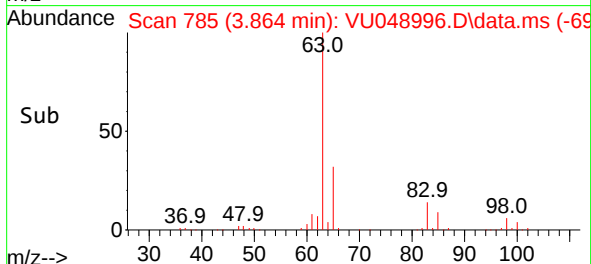
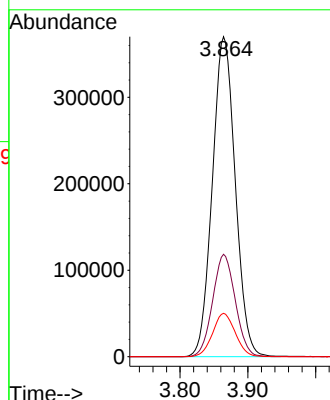
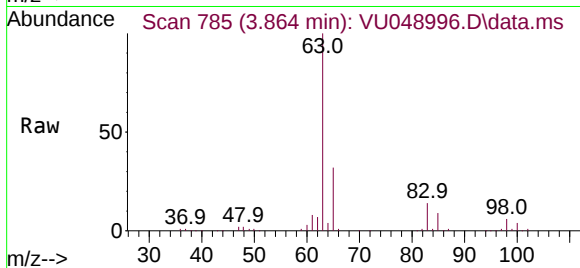
Tgt Ion: 63 Resp: 868821

Ion Ratio Lower Upper

63 100

65 32.0 22.3 41.5

83 13.6 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 200.091 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU048996.D

Acq: 10 Jun 2022 14:18

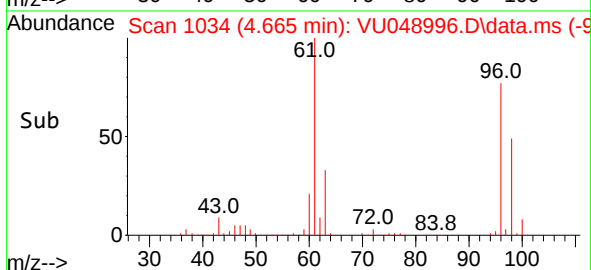
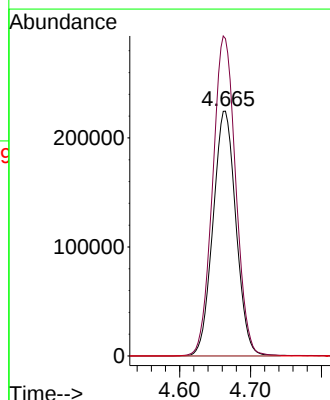
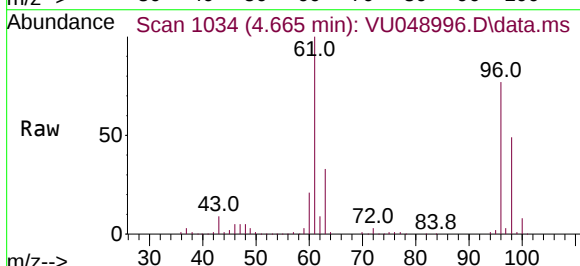
Tgt Ion: 96 Resp: 504690

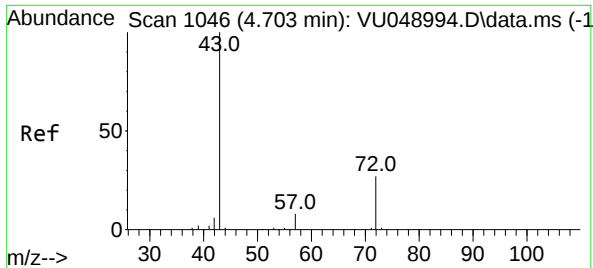
Ion Ratio Lower Upper

96 100

61 129.6 91.6 170.2

68 0.0 0.0 0.0

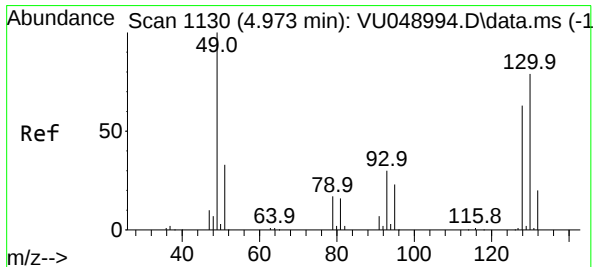
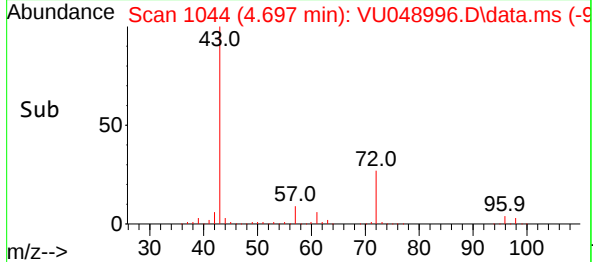
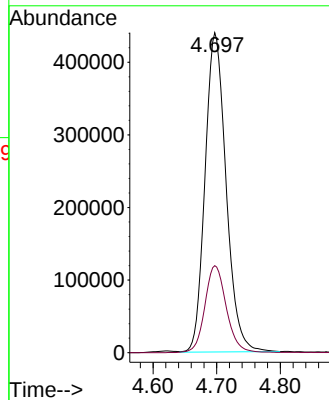
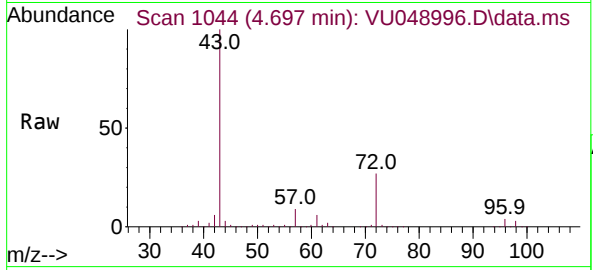




#22
2-Butanone
Concen: 497.540 ug/L
RT: 4.697 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

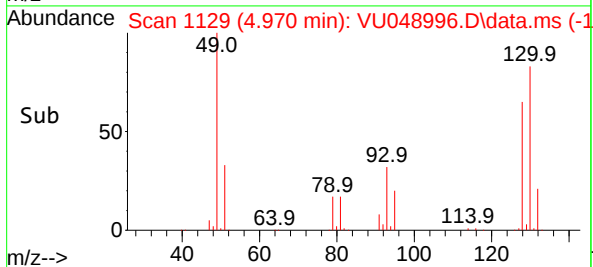
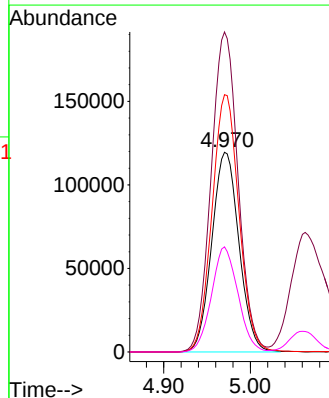
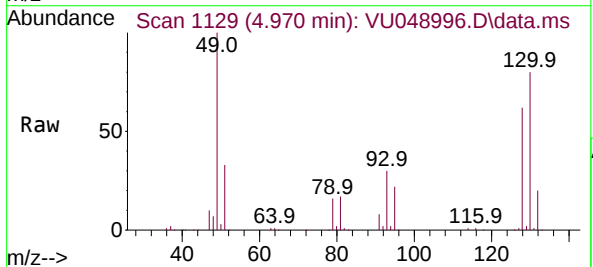
Instrument :
MSVOA_U
ClientSampleId :
VSTD200078

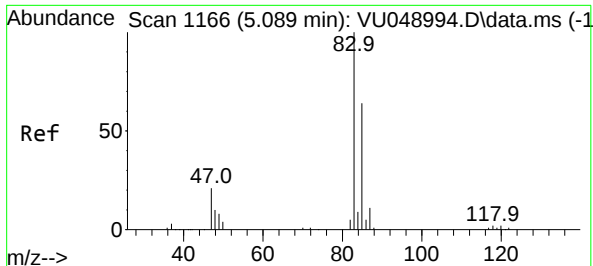
Tgt Ion: 43 Resp: 1010002
Ion Ratio Lower Upper
43 100
72 27.8 13.7 41.0



#23
Bromochloromethane
Concen: 187.752 ug/L
RT: 4.970 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

Tgt Ion:128 Resp: 260634
Ion Ratio Lower Upper
128 100
49 160.3 111.9 207.9
130 128.9 88.6 164.6
51 52.6 42.2 63.2





#25

Chloroform

Concen: 190.504 ug/L

RT: 5.086 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU048996.D

Acq: 10 Jun 2022 14:18

Instrument :

MSVOA_U

ClientSampleId :

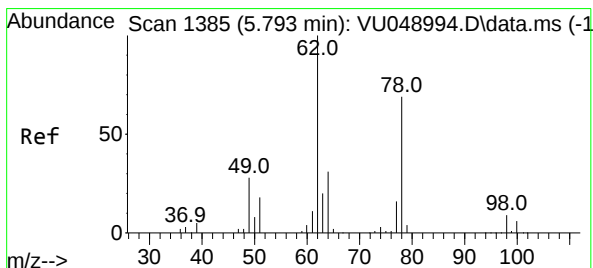
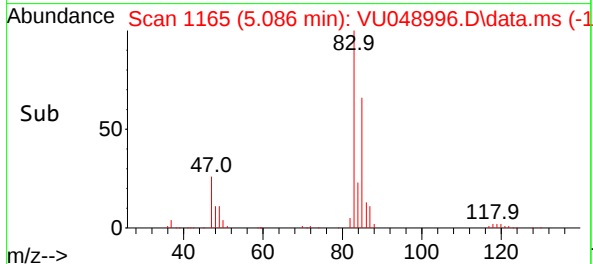
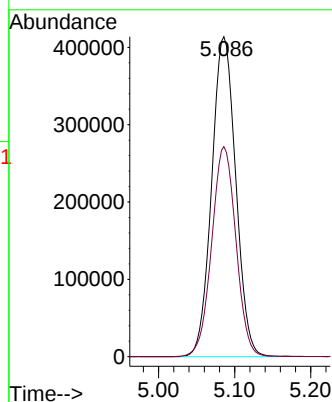
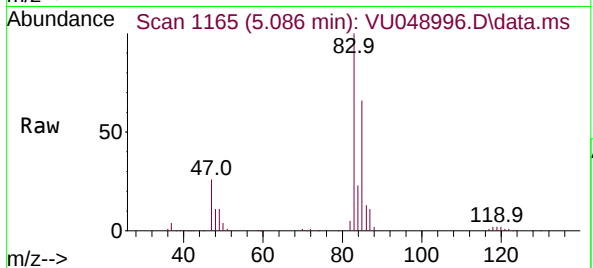
VSTD200078

Tgt Ion: 83 Resp: 909226

Ion Ratio Lower Upper

83 100

85 65.6 45.1 83.9



#27

1,2-Dichloroethane

Concen: 183.602 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.003 min

Lab File: VU048996.D

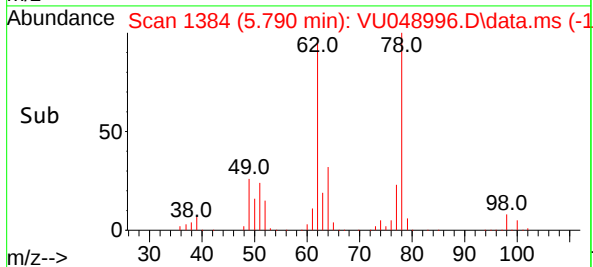
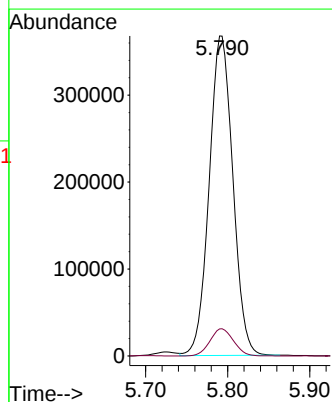
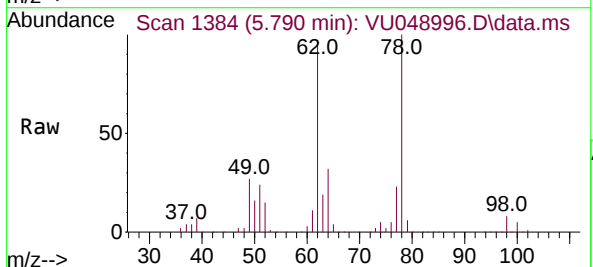
Acq: 10 Jun 2022 14:18

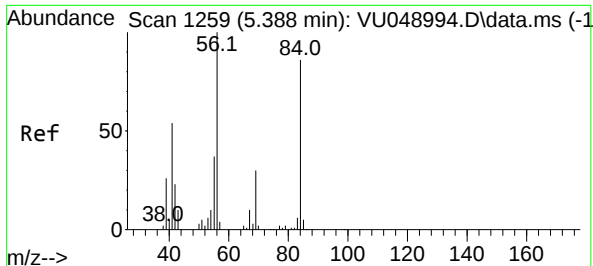
Tgt Ion: 62 Resp: 737626

Ion Ratio Lower Upper

62 100

98 8.4 7.0 10.4





#29

Cyclohexane

Concen: 208.252 ug/L

RT: 5.385 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU048996.D

Acq: 10 Jun 2022 14:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD200078

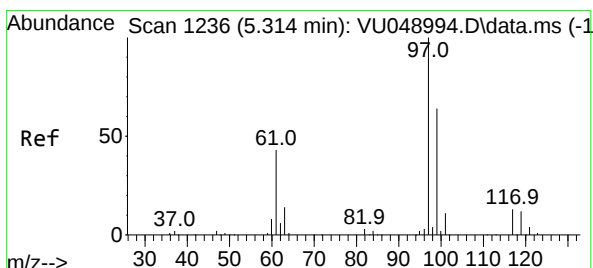
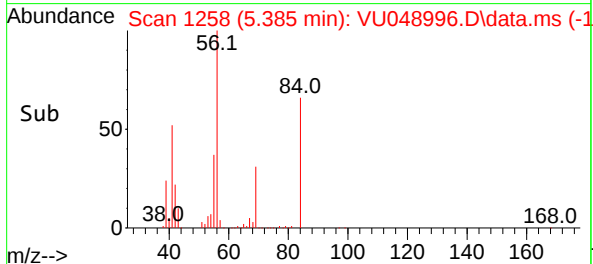
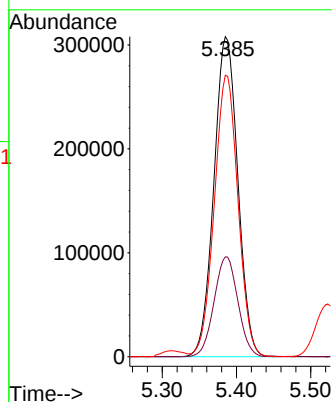
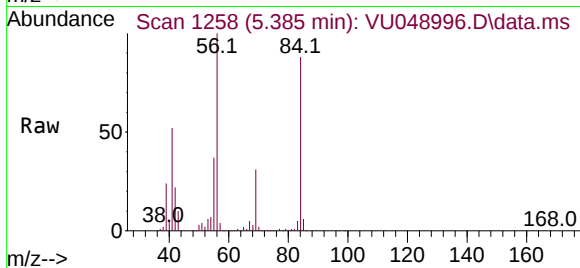
Tgt Ion: 56 Resp: 690017

Ion Ratio Lower Upper

56 100

69 31.1 24.6 36.8

84 87.1 69.7 104.5



#30

1,1,1-Trichloroethane

Concen: 173.656 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.000 min

Lab File: VU048996.D

Acq: 10 Jun 2022 14:18

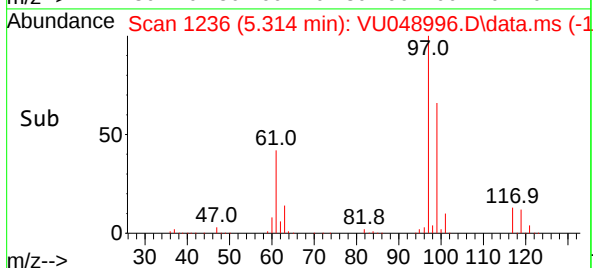
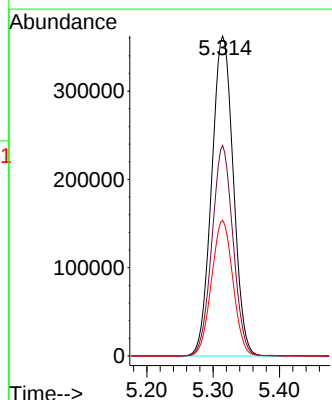
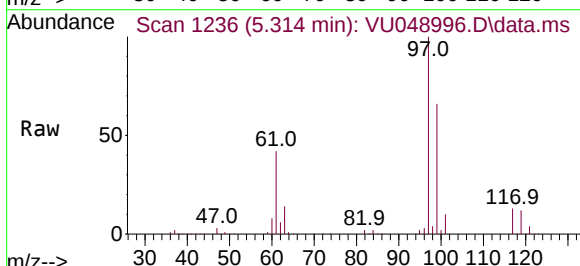
Tgt Ion: 97 Resp: 821618

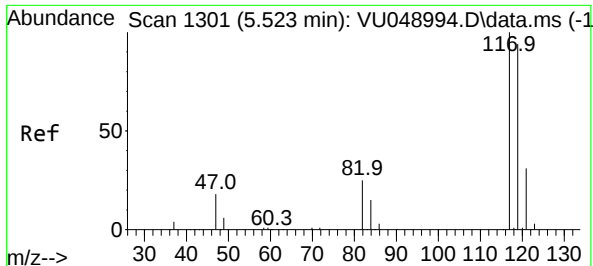
Ion Ratio Lower Upper

97 100

99 64.2 50.9 76.3

61 42.0 34.2 51.2

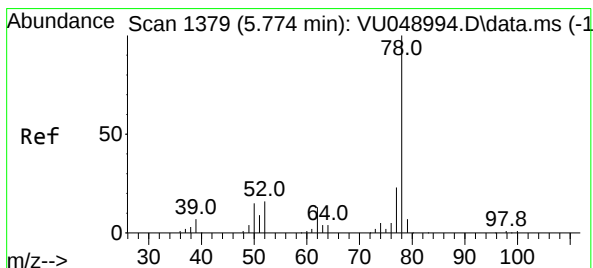
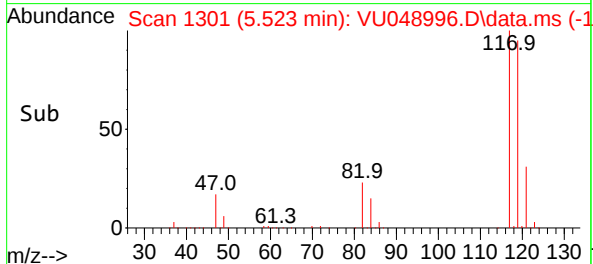
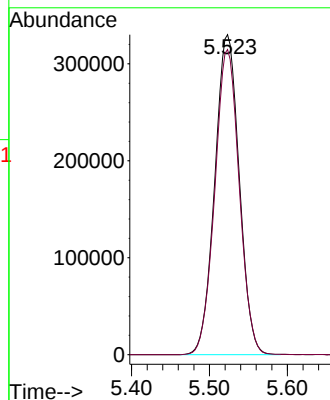
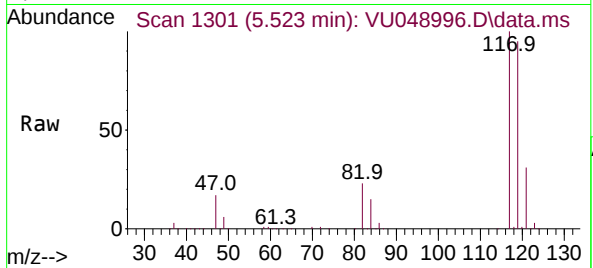




#31
Carbon tetrachloride
Concen: 168.714 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

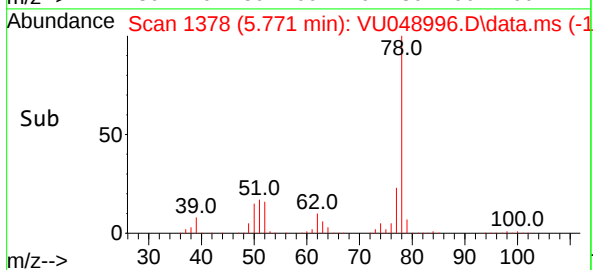
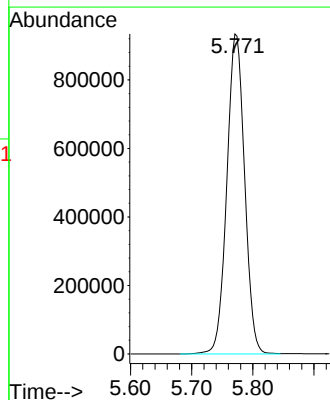
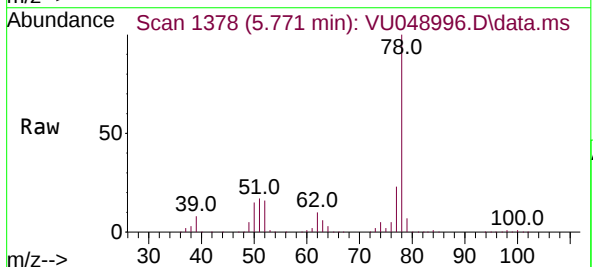
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ClientSampleId :
VSTD200078

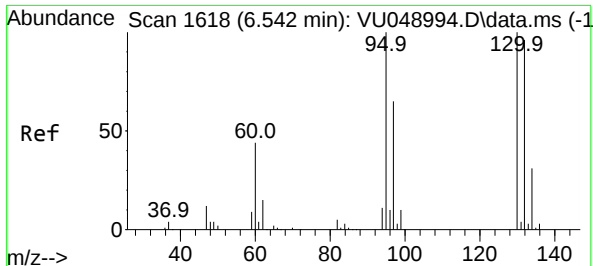
Tgt Ion:117 Resp: 719670
Ion Ratio Lower Upper
117 100
119 95.3 76.5 114.7



#33
Benzene
Concen: 198.843 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

Tgt Ion: 78 Resp: 1886174

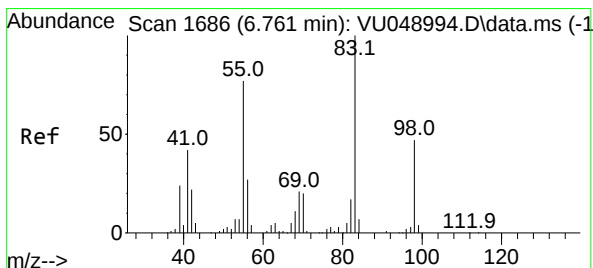
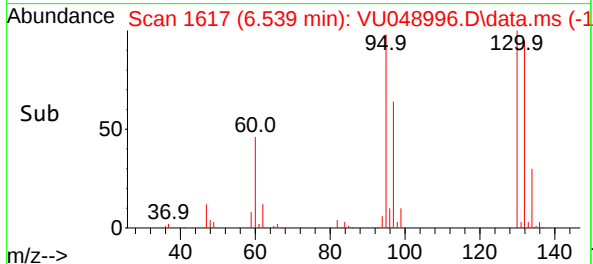
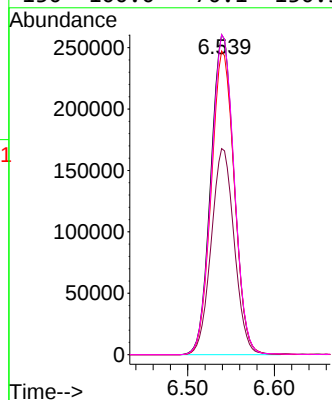
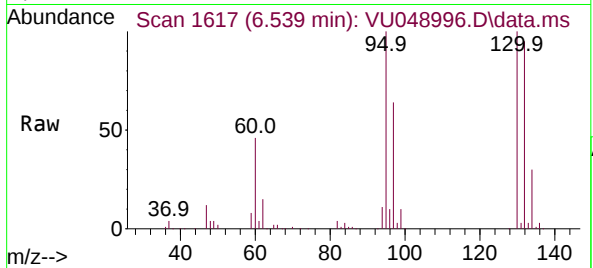




#34
Trichloroethene
Concen: 185.621 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

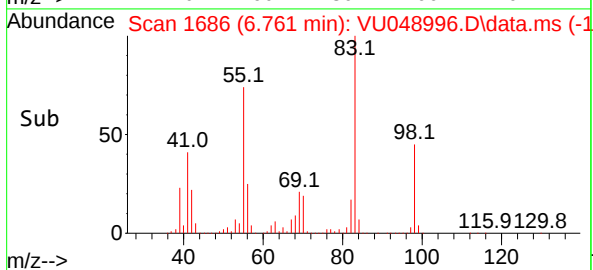
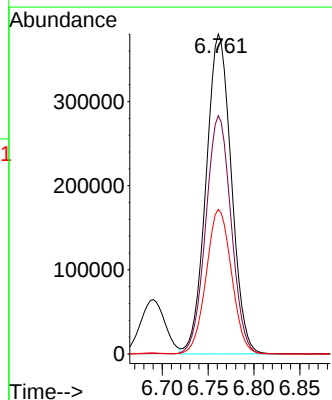
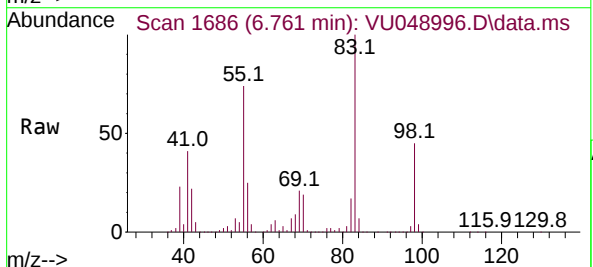
Instrument :
MSVOA_U
ClientSampleId :
VSTD200078

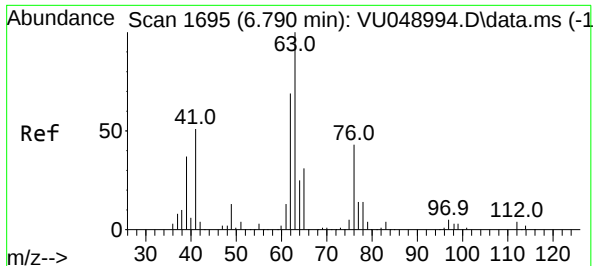
Tgt Ion: 95 Resp: 485564
Ion Ratio Lower Upper
95 100
97 64.4 45.4 84.4
132 94.9 67.6 125.6
130 100.0 70.1 130.3



#35
Methylcyclohexane
Concen: 194.822 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

Tgt Ion: 83 Resp: 728721
Ion Ratio Lower Upper
83 100
55 74.8 61.0 91.6
98 45.4 36.8 55.2

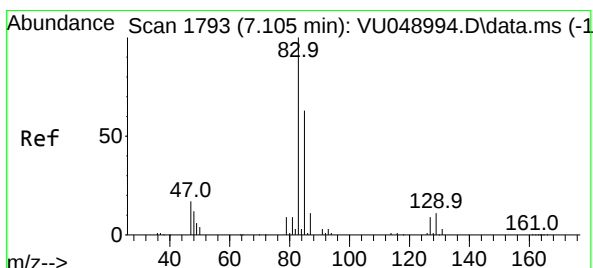
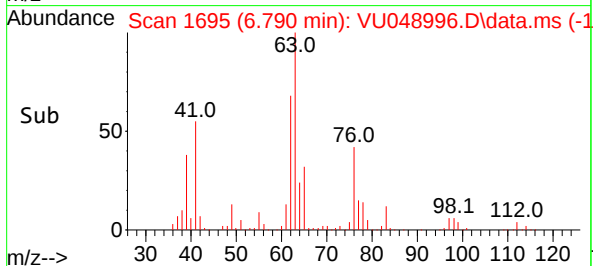
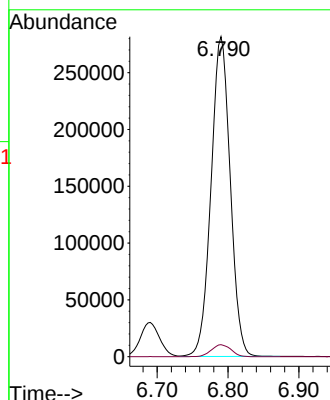
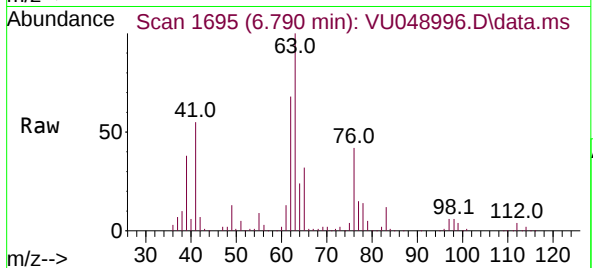




#37
1,2-Dichloropropane
Concen: 217.970 ug/L
RT: 6.790 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

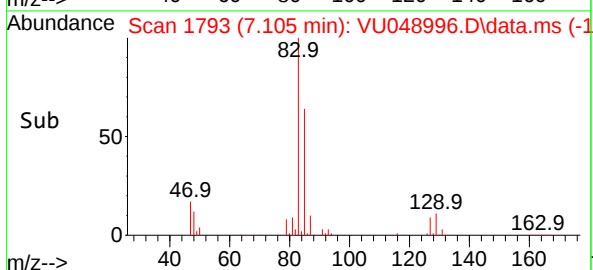
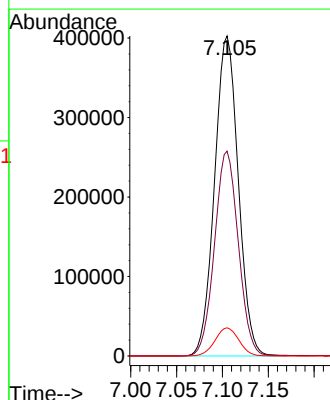
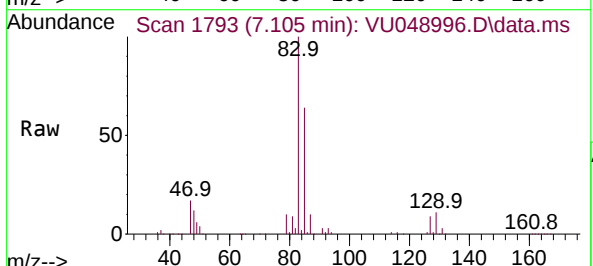
Instrument :
MSVOA_U
ClientSampleId :
VSTD200078

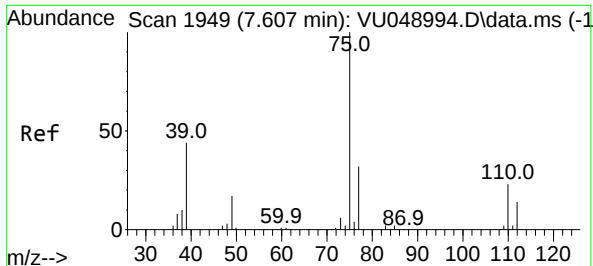
Tgt Ion: 63 Resp: 529450
Ion Ratio Lower Upper
63 100
112 3.8 3.2 4.8



#38
Bromodichloromethane
Concen: 193.217 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

Tgt Ion: 83 Resp: 726034
Ion Ratio Lower Upper
83 100
85 64.0 44.0 81.6
127 8.8 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 218.569 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU048996.D

Acq: 10 Jun 2022 14:18

Instrument :

MSVOA_U

ClientSampleId :

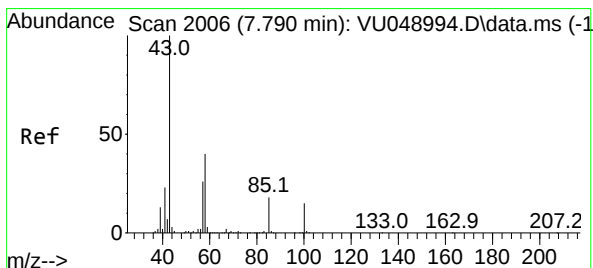
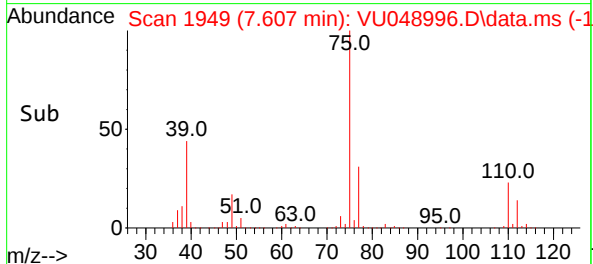
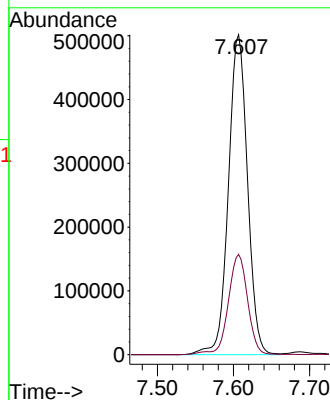
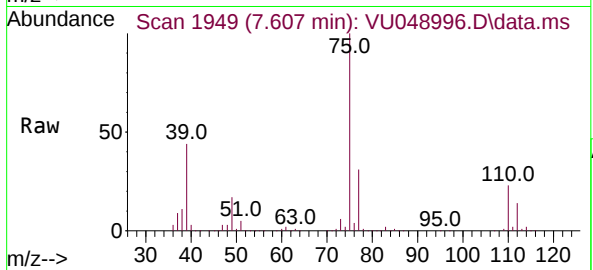
VSTD200078

Tgt Ion: 75 Resp: 874173

Ion Ratio Lower Upper

75 100

77 31.3 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 528.348 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU048996.D

Acq: 10 Jun 2022 14:18

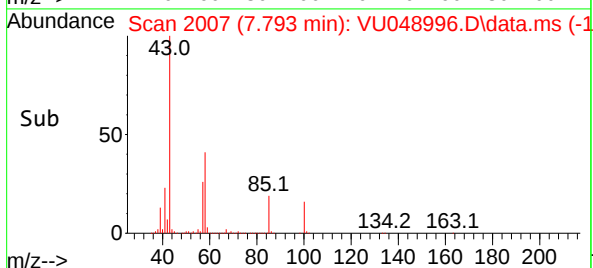
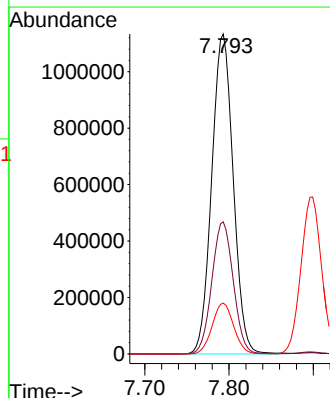
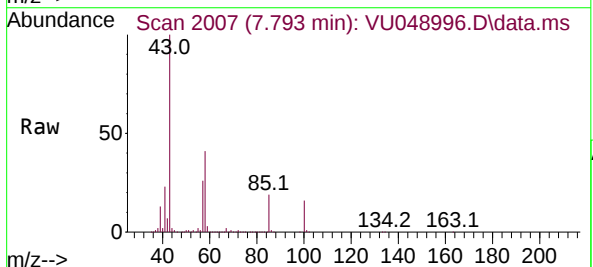
Tgt Ion: 43 Resp: 2003269

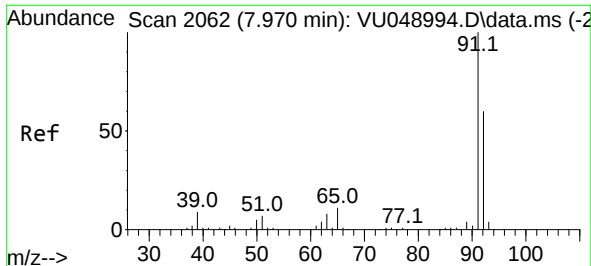
Ion Ratio Lower Upper

43 100

58 41.3 32.2 48.4

100 16.0 12.3 18.5

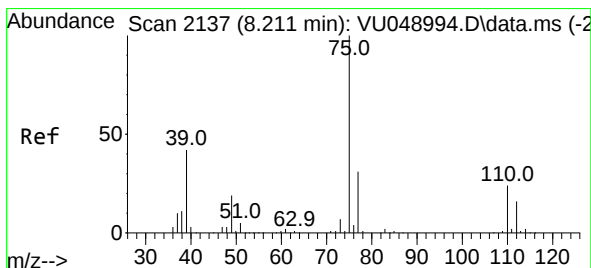
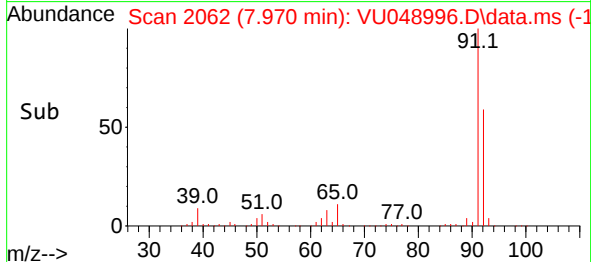
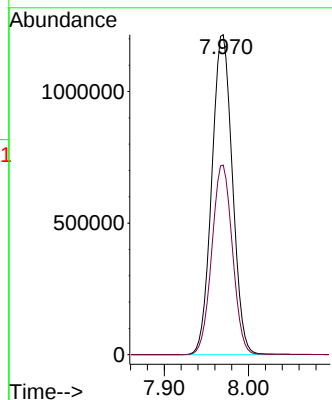
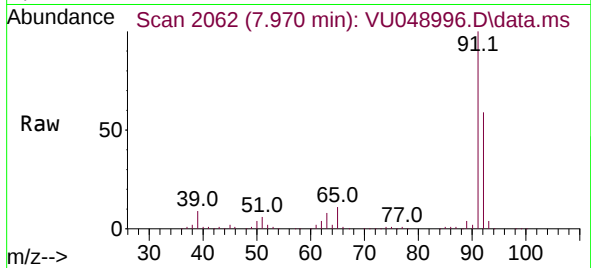




#42
Toluene
Concen: 203.351 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

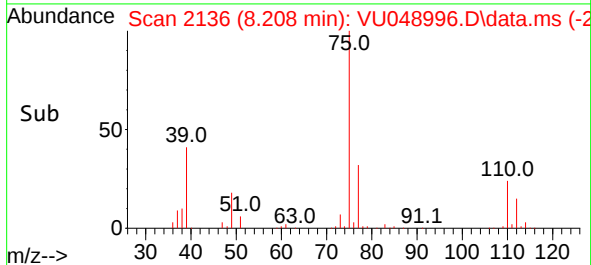
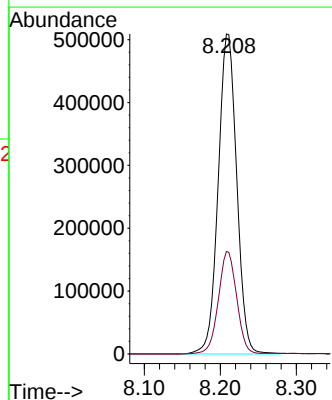
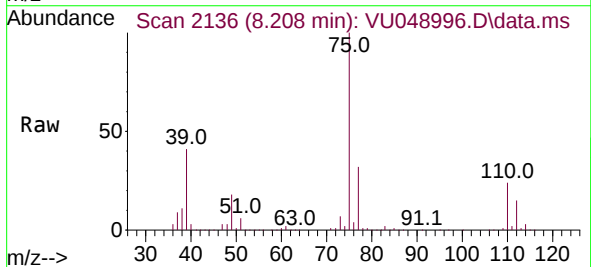
Instrument :
MSVOA_U
ClientSampleId :
VSTD200078

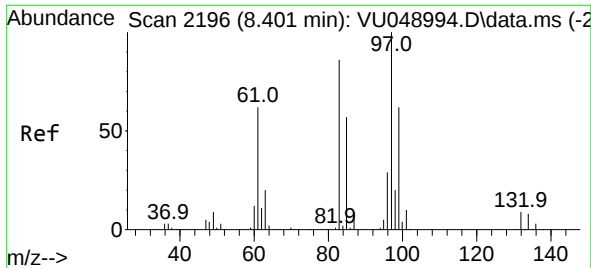
Tgt Ion: 91 Resp: 2064789
Ion Ratio Lower Upper
91 100
92 59.2 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 207.762 ug/L
RT: 8.208 min Scan# 2136
Delta R.T. -0.003 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

Tgt Ion: 75 Resp: 860723
Ion Ratio Lower Upper
75 100
77 32.0 21.9 40.7



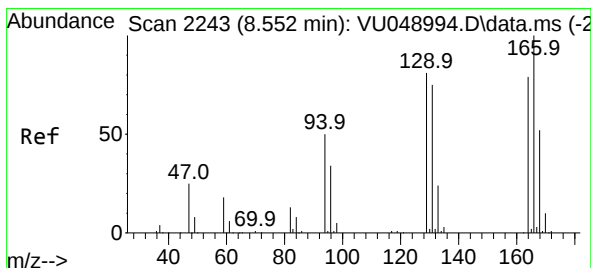
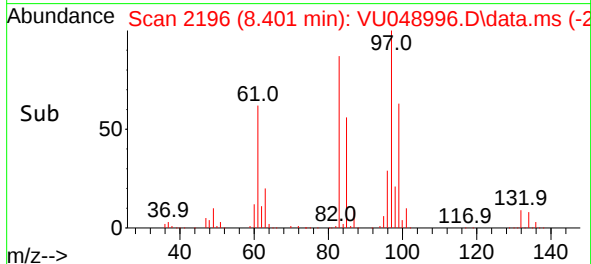
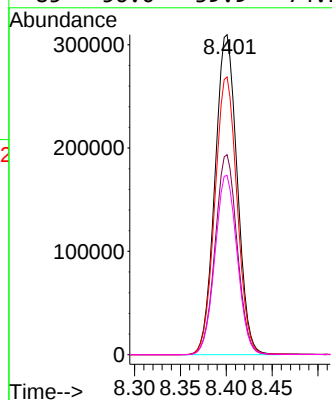
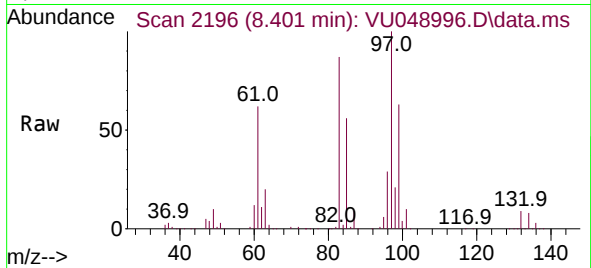


#45
1,1,2-Trichloroethane
Concen: 206.374 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD200078

Tgt Ion: 97 Resp: 522850

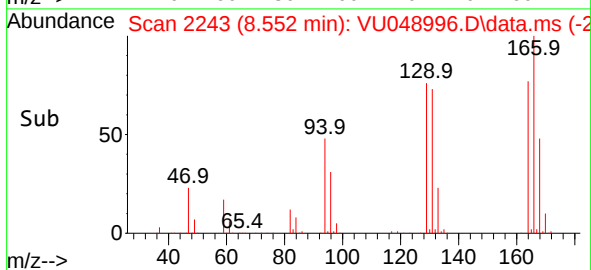
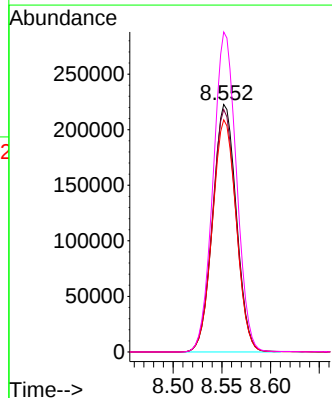
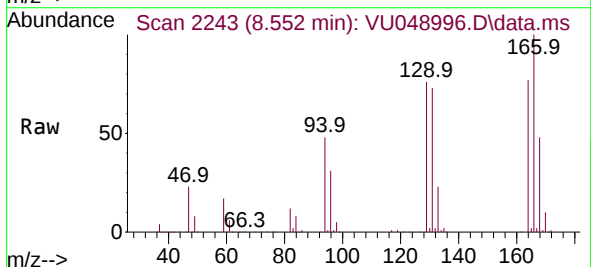
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.5	80.9
83	86.8	60.3	112.1
85	56.0	39.9	74.1

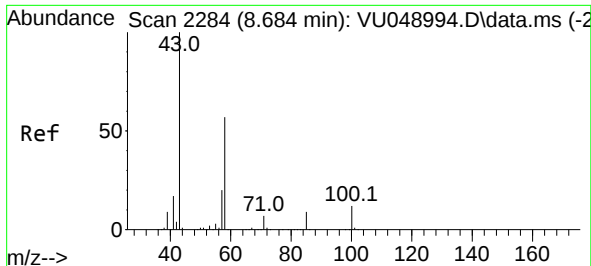


#46
Tetrachloroethene
Concen: 179.557 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

Tgt Ion: 164 Resp: 374266

Ion	Ratio	Lower	Upper
164	100		
129	97.9	70.9	131.7
131	93.8	66.2	123.0
166	129.3	88.1	163.5



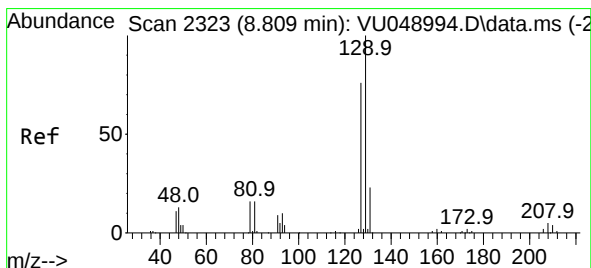
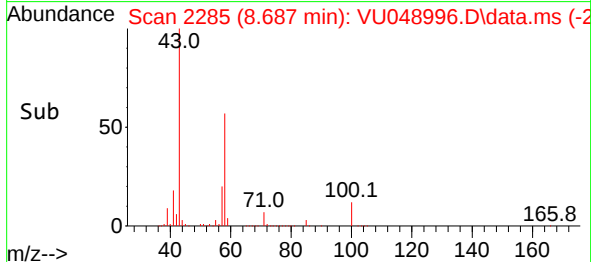
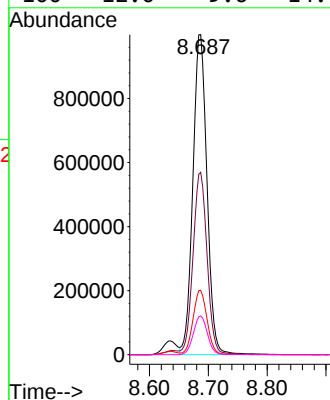
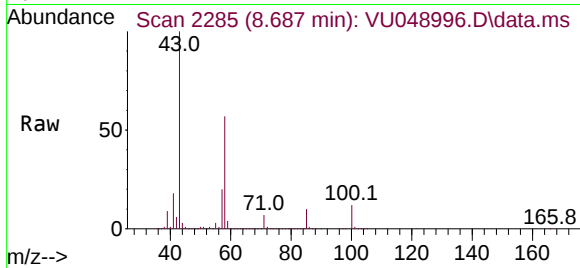


#48
2-Hexanone
Concen: 521.837 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD200078

Tgt Ion: 43 Resp: 1662018

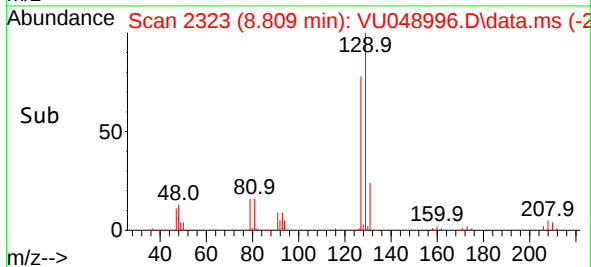
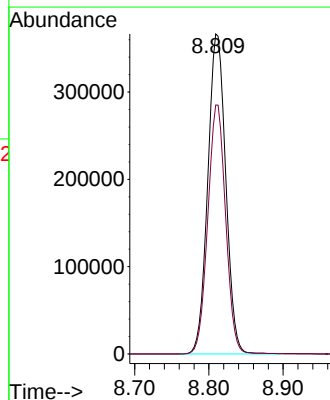
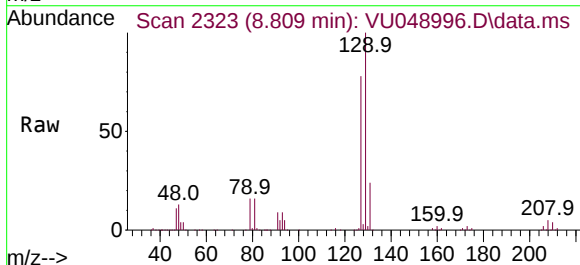
Ion	Ratio	Lower	Upper
43	100		
58	56.9	45.8	68.8
57	20.1	16.2	24.4
100	12.0	9.6	14.4

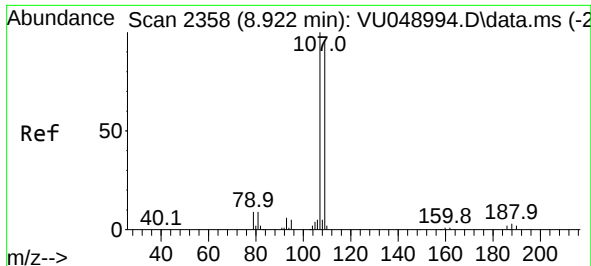


#49
Dibromochloromethane
Concen: 194.643 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

Tgt Ion: 129 Resp: 615439

Ion	Ratio	Lower	Upper
129	100		
127	77.8	53.5	99.5

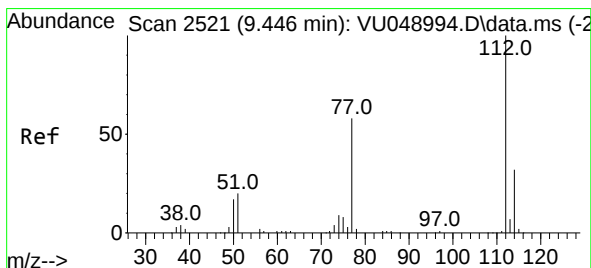
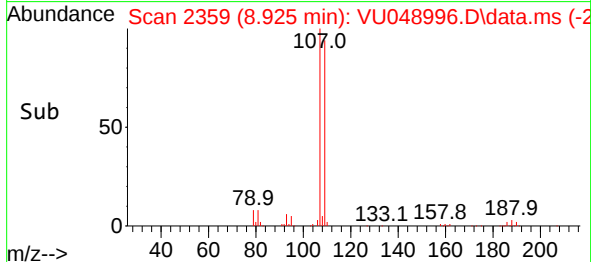
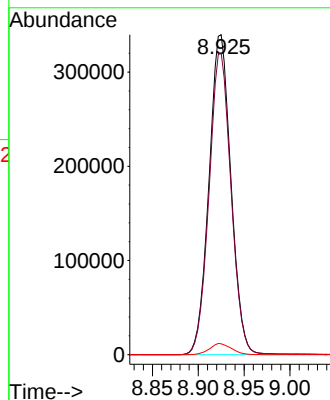
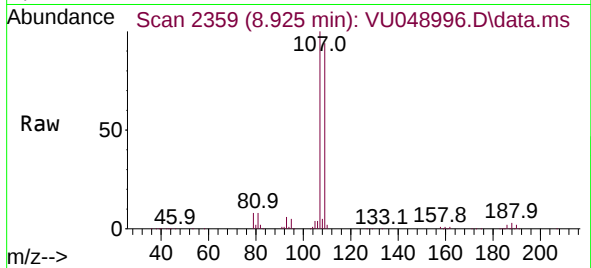




#50
1,2-Dibromoethane
Concen: 196.866 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

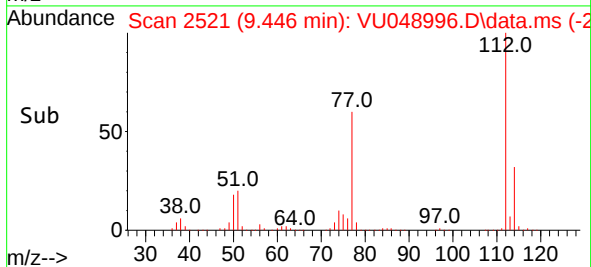
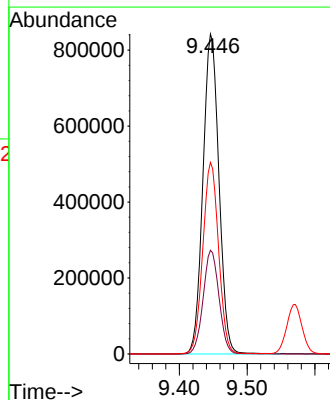
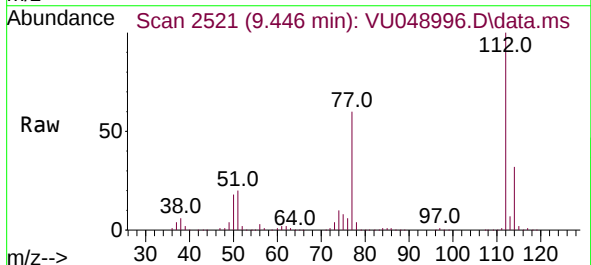
Instrument :
MSVOA_U
ClientSampleId :
VSTD200078

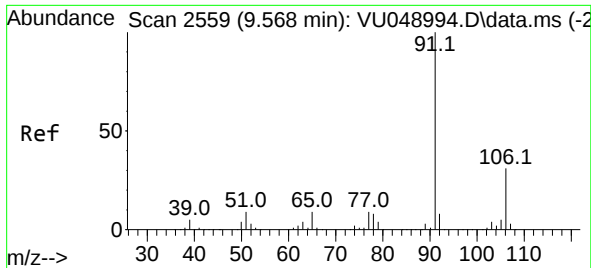
Tgt Ion:107 Resp: 565702
Ion Ratio Lower Upper
107 100
109 94.3 67.2 124.8
188 3.4 2.7 4.1



#51
Chlorobenzene
Concen: 194.979 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

Tgt Ion:112 Resp: 1381260
Ion Ratio Lower Upper
112 100
114 32.4 22.3 41.3
77 59.8 47.1 70.7

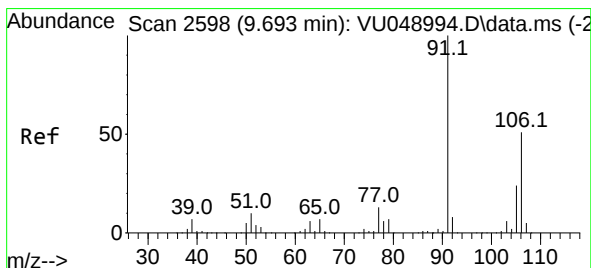
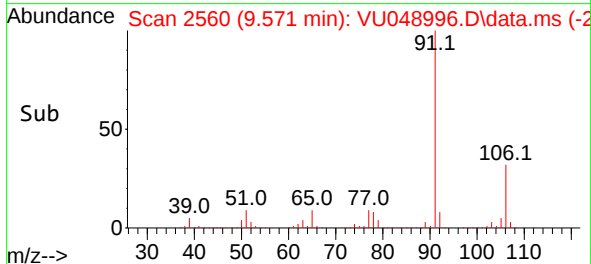
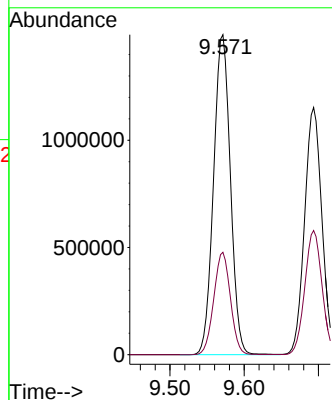
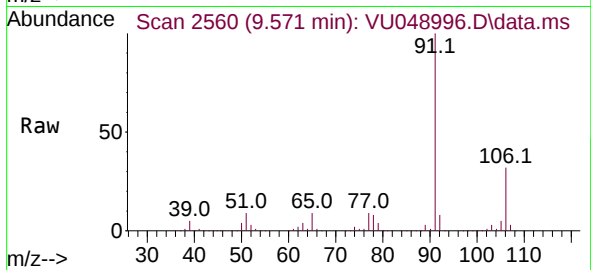




#52
Ethylbenzene
Concen: 202.801 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

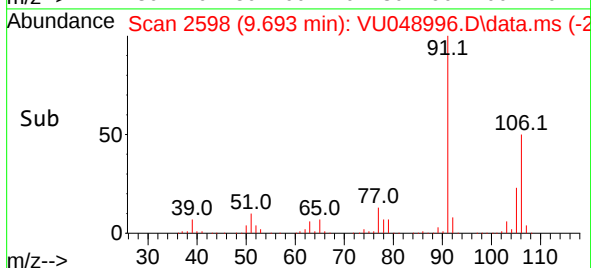
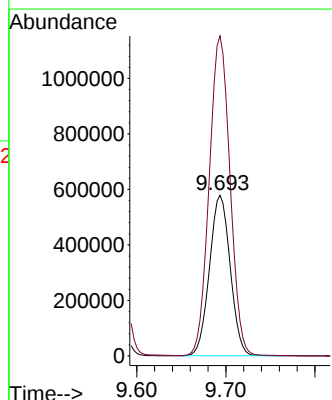
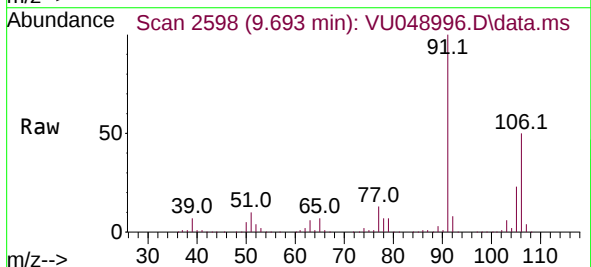
Instrument :
MSVOA_U
ClientSampleId :
VSTD200078

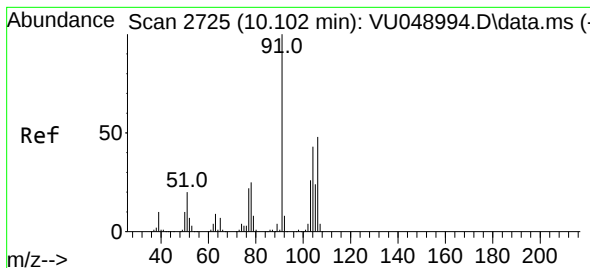
Tgt Ion: 91 Resp: 2349206
Ion Ratio Lower Upper
91 100
106 32.0 21.6 40.2



#53
m,p-Xylene
Concen: 201.407 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

Tgt Ion:106 Resp: 935169
Ion Ratio Lower Upper
106 100
91 199.2 137.4 255.2





#54

o-Xylene

Concen: 211.420 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. -0.000 min

Lab File: VU048996.D

Acq: 10 Jun 2022 14:18

Instrument :

MSVOA_U

ClientSampleId :

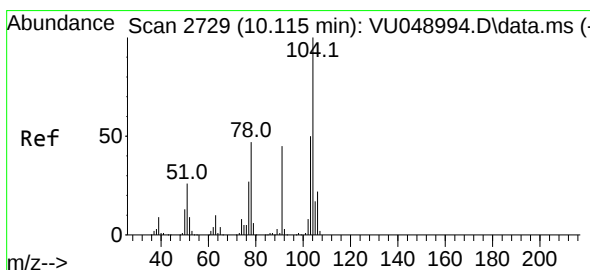
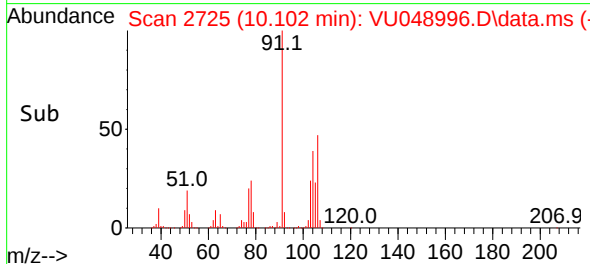
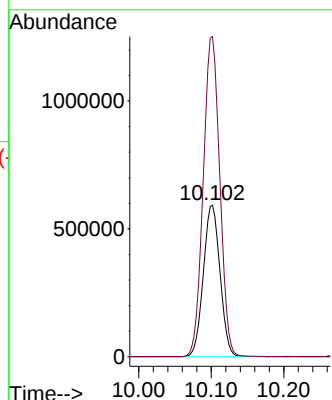
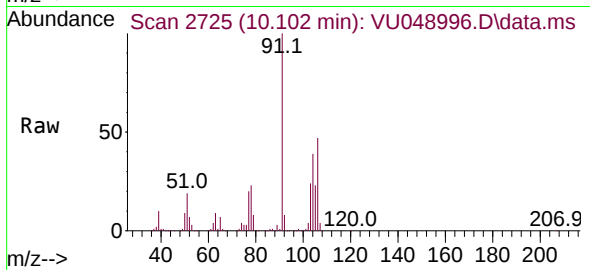
VSTD200078

Tgt Ion:106 Resp: 945626

Ion Ratio Lower Upper

106 100

91 211.2 145.2 269.6



#55

Styrene

Concen: 212.219 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. -0.000 min

Lab File: VU048996.D

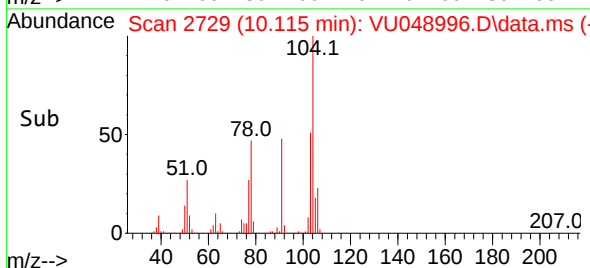
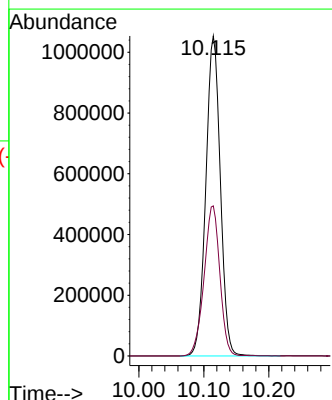
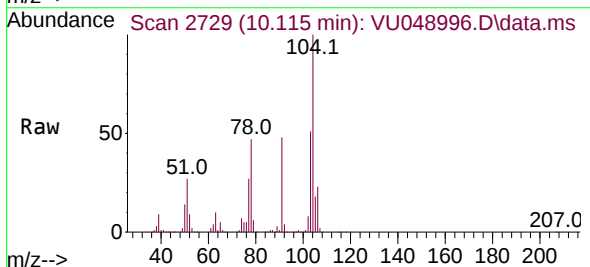
Acq: 10 Jun 2022 14:18

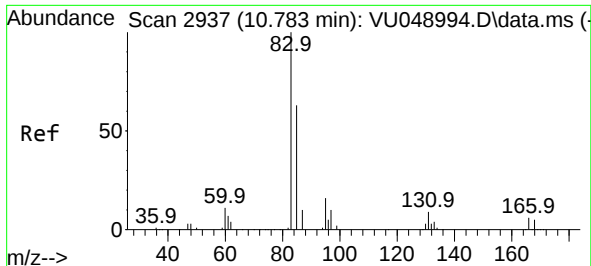
Tgt Ion:104 Resp: 1640490

Ion Ratio Lower Upper

104 100

78 46.9 32.6 60.6

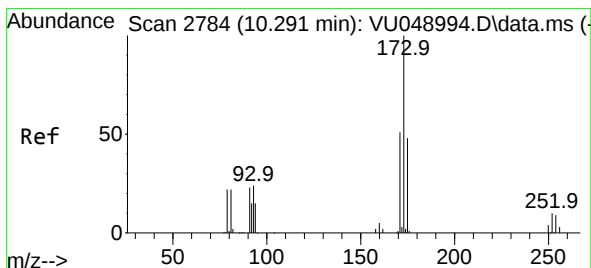
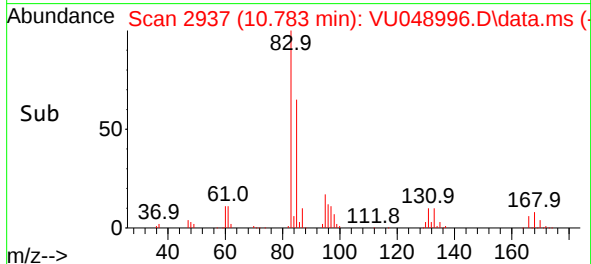
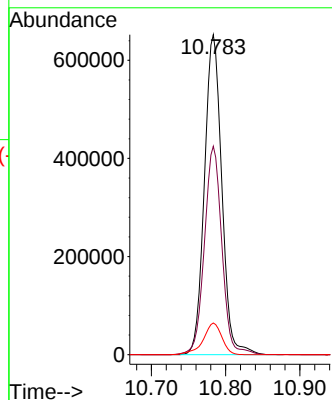
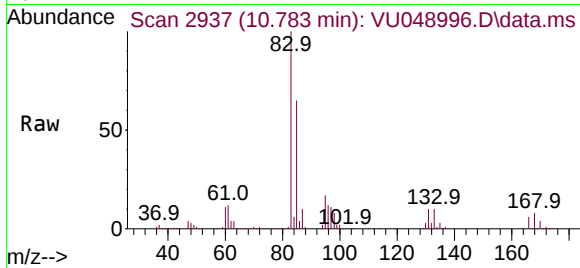




#57
1,1,2,2-Tetrachloroethane
Concen: 237.306 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

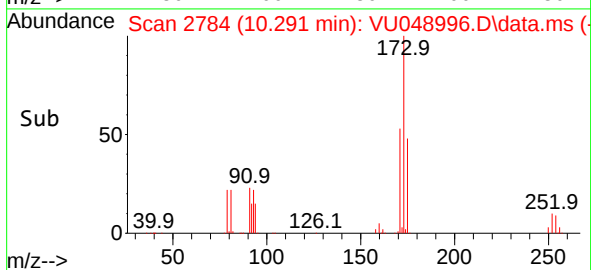
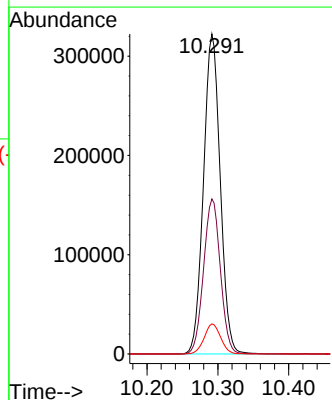
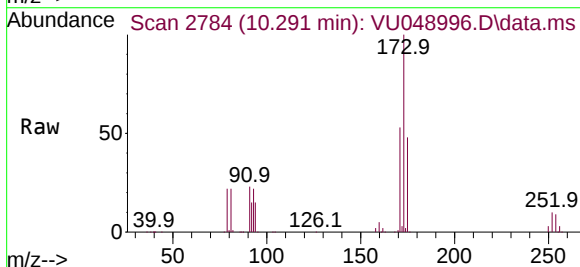
Instrument :
MSVOA_U
ClientSampleId :
VSTD200078

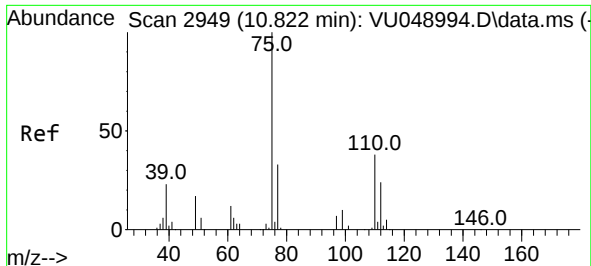
Tgt Ion: 83 Resp: 1055899
Ion Ratio Lower Upper
83 100
85 65.1 44.5 82.7
131 9.9 7.6 11.4



#59
Bromoform
Concen: 197.530 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

Tgt Ion:173 Resp: 528156
Ion Ratio Lower Upper
173 100
175 48.6 37.8 56.8
254 9.2 7.2 10.8

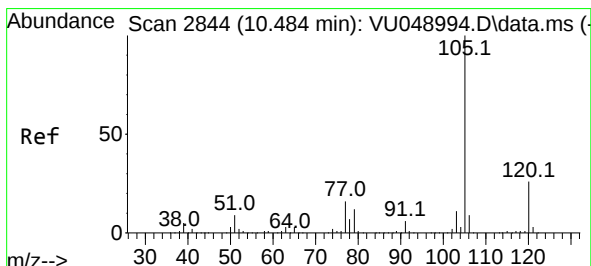
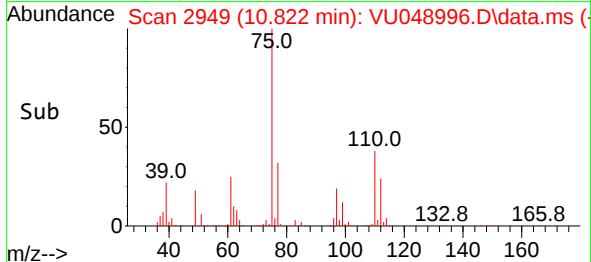
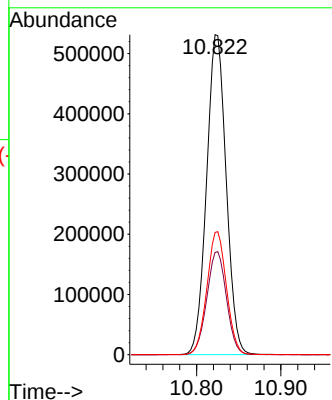
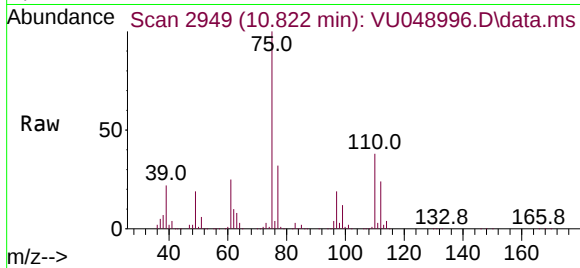




#60
1,2,3-Trichloropropane
Concen: 216.118 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

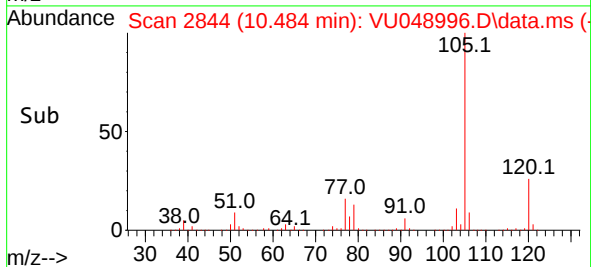
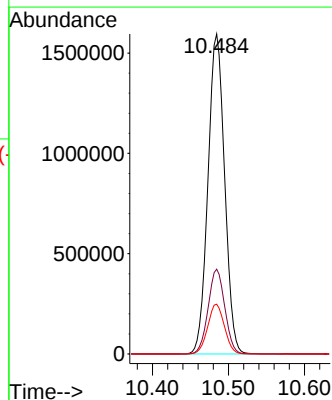
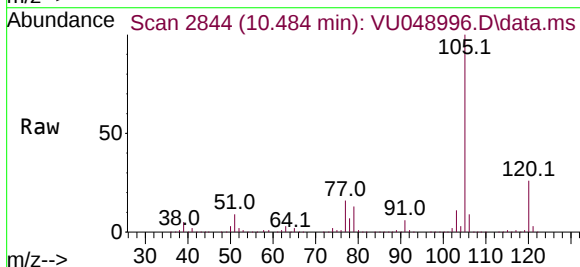
Instrument :
MSVOA_U
ClientSampleId :
VSTD200078

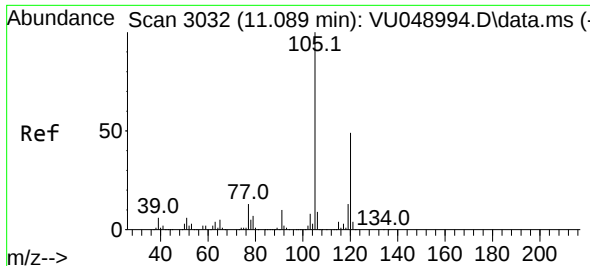
Tgt Ion: 75 Resp: 859529
Ion Ratio Lower Upper
75 100
77 32.5 26.6 40.0
110 38.4 30.2 45.4



#61
Isopropylbenzene
Concen: 200.389 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

Tgt Ion: 105 Resp: 2425333
Ion Ratio Lower Upper
105 100
120 26.5 21.1 31.7
77 15.6 12.7 19.1

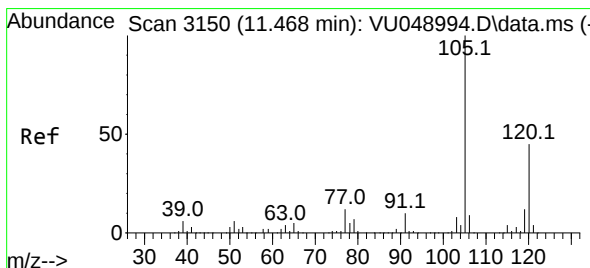
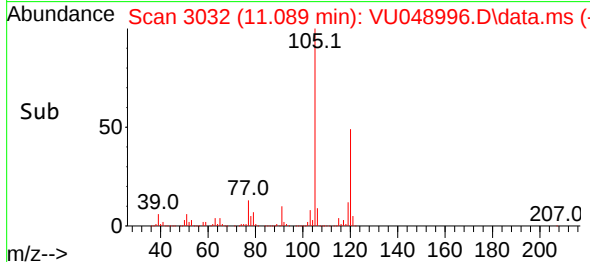
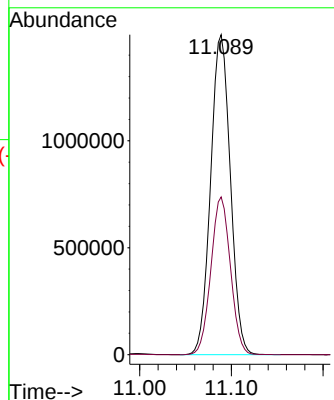
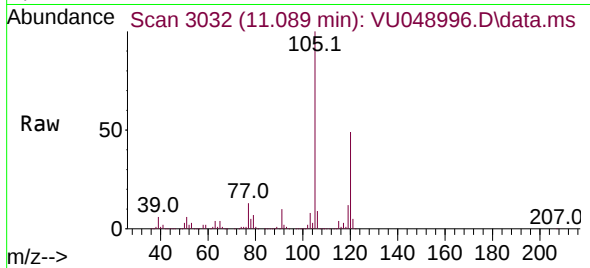




#62
 1,3,5-Trimethylbenzene
 Concen: 292.180 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. -0.000 min
 Lab File: VU048996.D
 Acq: 10 Jun 2022 14:18

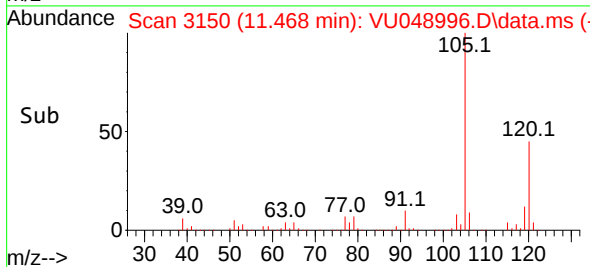
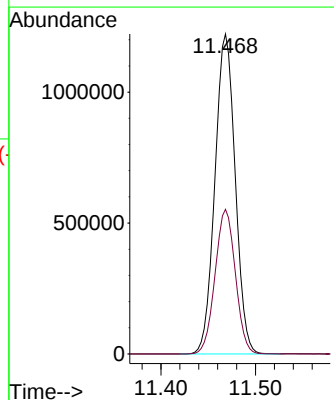
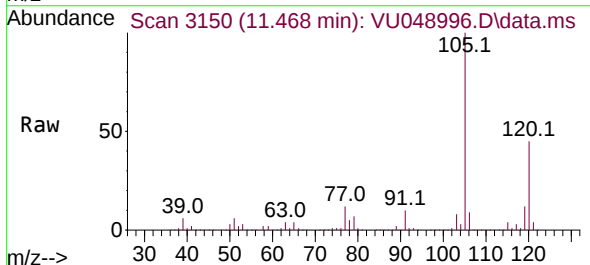
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200078

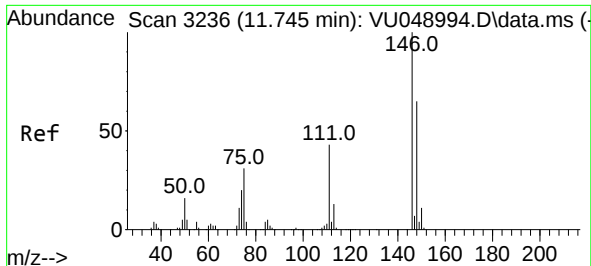
Tgt Ion:105 Resp: 2232608
 Ion Ratio Lower Upper
 105 100
 120 48.8 39.1 58.7



#63
 1,2,4-Trimethylbenzene
 Concen: 180.645 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU048996.D
 Acq: 10 Jun 2022 14:18

Tgt Ion:105 Resp: 1819867
 Ion Ratio Lower Upper
 105 100
 120 45.3 36.3 54.5

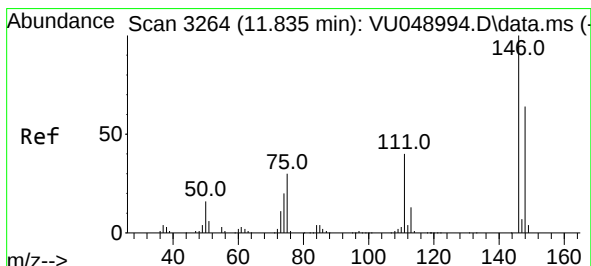
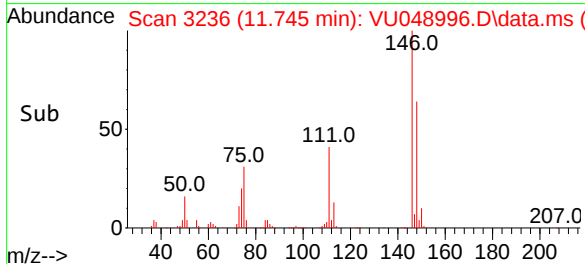
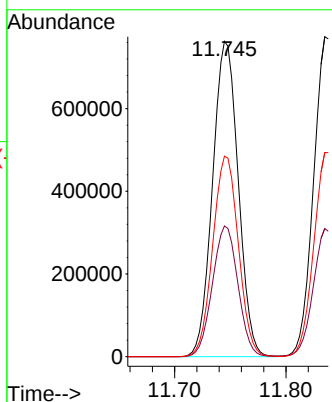
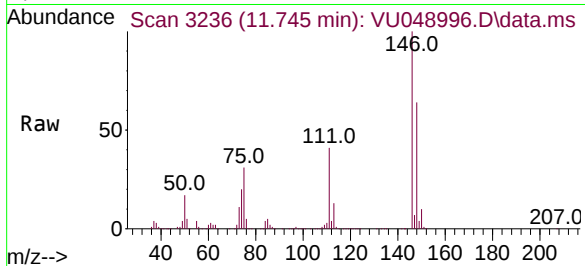




#64
1,3-Dichlorobenzene
Concen: 199.005 ug/L
RT: 11.745 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

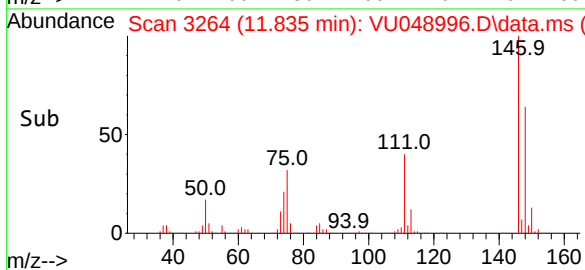
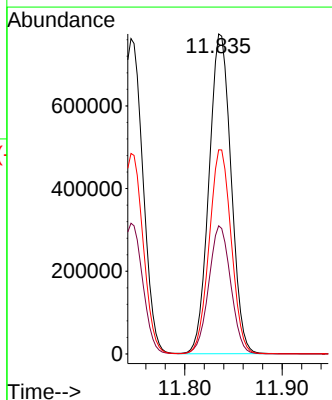
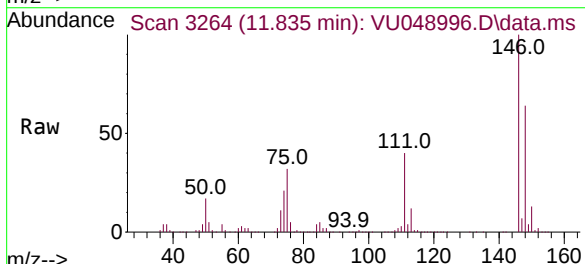
Instrument :
MSVOA_U
ClientSampleId :
VSTD200078

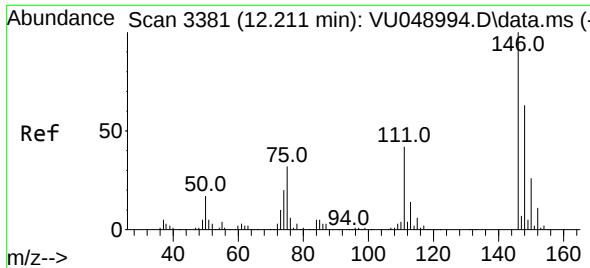
Tgt Ion:146 Resp: 1220634
Ion Ratio Lower Upper
146 100
111 41.4 29.8 55.3
148 63.5 45.8 85.0



#65
1,4-Dichlorobenzene
Concen: 191.388 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

Tgt Ion:146 Resp: 1217239
Ion Ratio Lower Upper
146 100
111 40.0 28.1 52.1
148 63.8 44.9 83.3

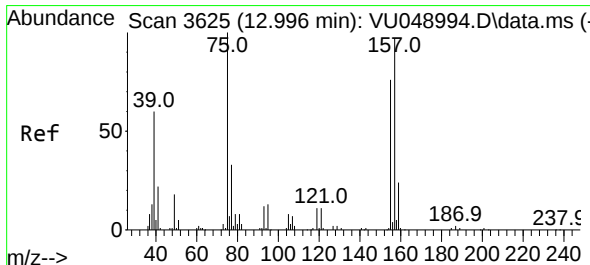
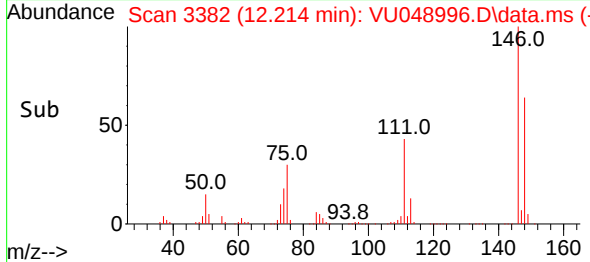
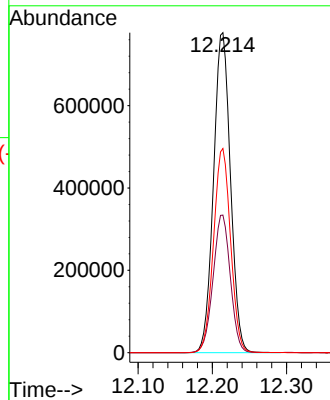
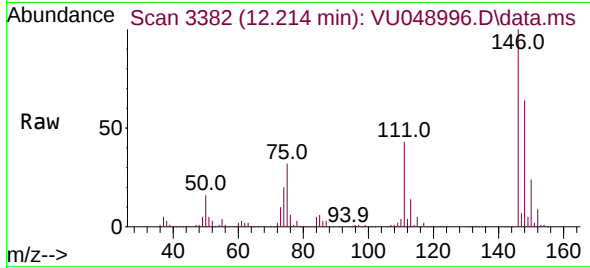




#67
1,2-Dichlorobenzene
Concen: 195.104 ug/L
RT: 12.214 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

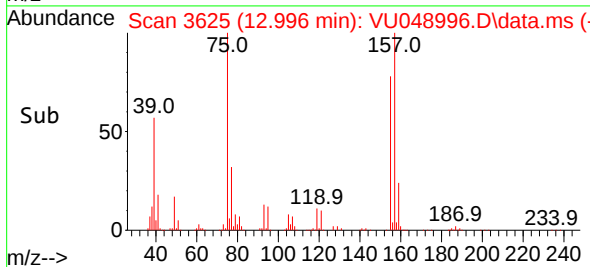
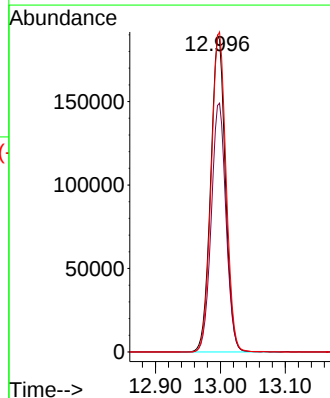
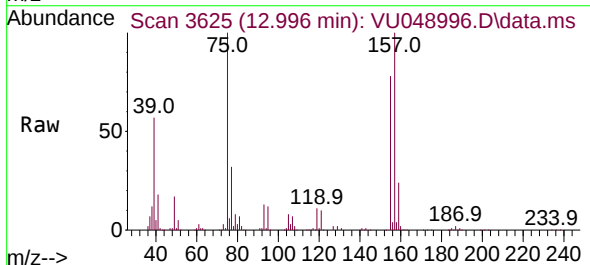
Instrument :
MSVOA_U
ClientSampleId :
VSTD200078

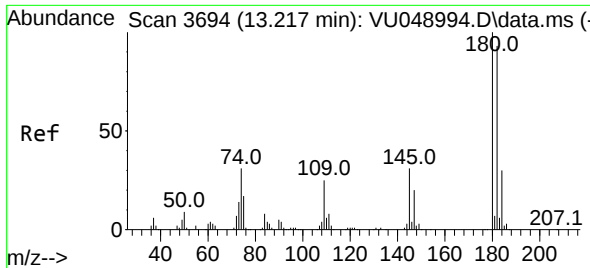
Tgt Ion:146 Resp: 1234146
Ion Ratio Lower Upper
146 100
111 43.0 33.9 50.9
148 63.8 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 200.114 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

Tgt Ion: 75 Resp: 299398
Ion Ratio Lower Upper
75 100
155 77.9 61.0 91.6
157 99.8 77.6 116.4



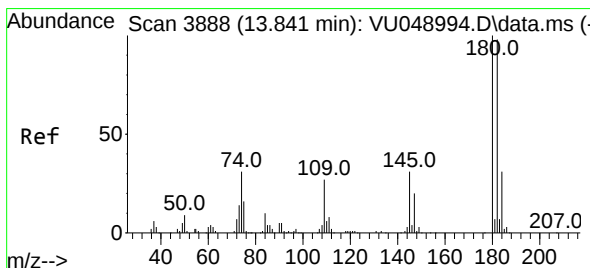
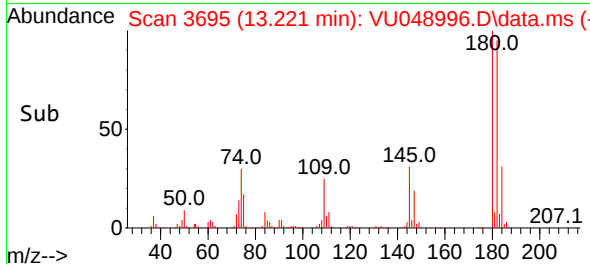
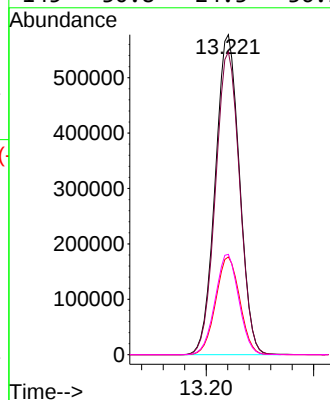
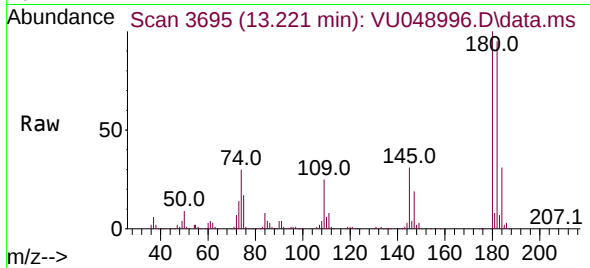


#69
1,3,5-Trichlorobenzene
Concen: 187.416 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. 0.003 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD200078

Tgt Ion:180 Resp: 900720

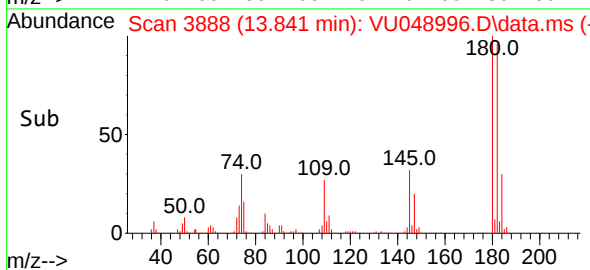
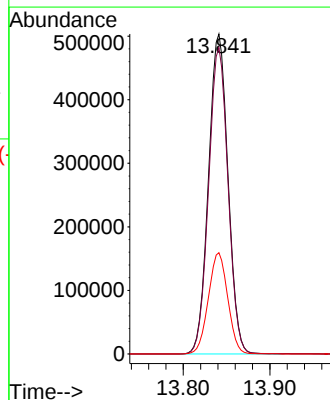
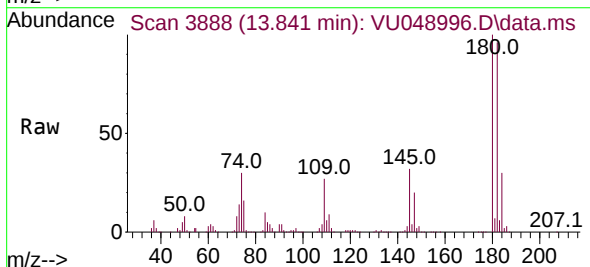
Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.0	114.0
184	30.4	24.5	36.7
145	30.8	24.3	36.5

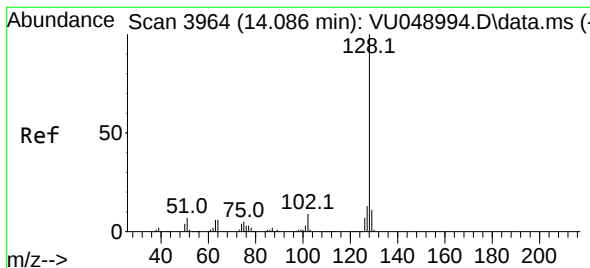


#70
1,2,4-trichlorobenzene
Concen: 183.597 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU048996.D
Acq: 10 Jun 2022 14:18

Tgt Ion:180 Resp: 788421

Ion	Ratio	Lower	Upper
180	100		
182	95.2	78.2	117.2
145	31.4	25.0	37.4





#71

Naphthalene

Concen: 196.536 ug/L

RT: 14.085 min Scan# 3964

Delta R.T. -0.000 min

Lab File: VU048996.D

Acq: 10 Jun 2022 14:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD200078

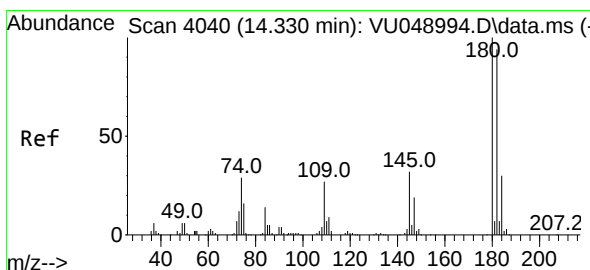
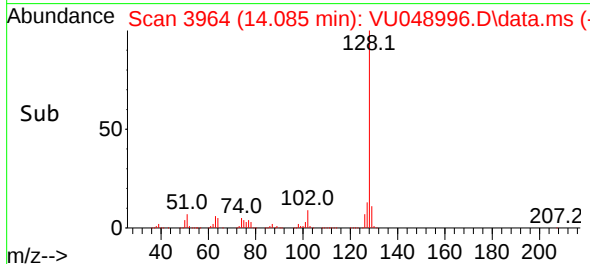
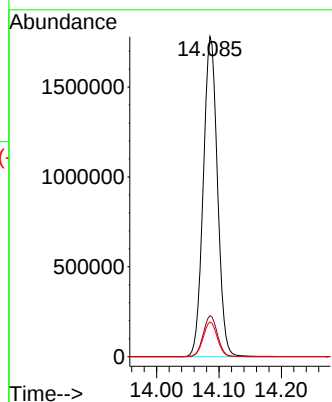
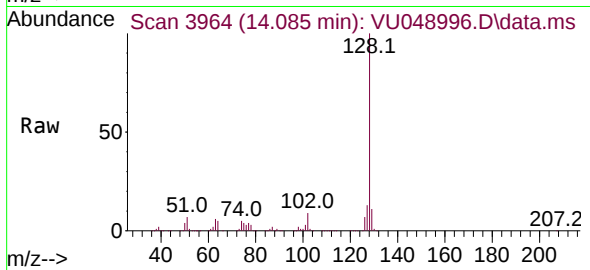
Tgt Ion:128 Resp: 2819506

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.8 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 183.790 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VU048996.D

Acq: 10 Jun 2022 14:18

Tgt Ion:180 Resp: 801267

Ion Ratio Lower Upper

180 100

182 95.8 77.3 115.9

145 33.5 26.3 39.5

