

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U082422\
 Data File : U050436.D
 Acq On : 24 Aug 2022 19:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050175

Quant Time: Aug 25 05:34:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 25 05:03:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	343526	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	333046	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	154408	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	170550	41.987	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.980%
7) Chloroethane-d5	1.893	69	131332	43.695	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.559	63	247696	43.149	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.300%
21) 2-Butanone-d5	4.623	46	264256	99.392	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.390%
24) Chloroform-d	5.063	84	293036	44.941	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.880%
26) 1,2-Dichloroethane-d4	5.700	65	184842	45.612	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.220%
32) Benzene-d6	5.726	84	589753	47.924	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.840%
36) 1,2-Dichloropropane-d6	6.690	67	191463	46.965	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.940%
41) Toluene-d8	7.896	98	515254	47.851	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.700%
43) trans-1,3-Dichloroprop...	8.179	79	77588	45.626	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.260%
47) 2-Hexanone-d5	8.632	63	162831	107.630	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.630%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	308076	48.995	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	177371	48.088	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.180%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.382	85	124510	46.368	ug/L	100
3) Chloromethane	1.517	50	152235	48.713	ug/L	98
5) Vinyl chloride	1.601	62	147048	48.119	ug/L	100
6) Bromomethane	1.829	94	55518	49.132	ug/L	98
8) Chloroethane	1.916	64	91857	49.478	ug/L	98
9) Trichlorofluoromethane	2.125	101	182971	47.061	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	110471	46.344	ug/L	99
12) 1,1-Dichloroethene	2.572	96	101974	48.391	ug/L	98
13) Acetone	2.626	43	150369	86.018	ug/L	100
14) Carbon disulfide	2.784	76	246243	45.792	ug/L	99
15) Methyl Acetate	2.945	43	159744	50.791	ug/L	98
16) Methylene chloride	3.041	84	143121	48.732	ug/L	99
17) trans-1,2-Dichloroethene	3.346	96	109053	49.228	ug/L	95
18) Methyl tert-butyl Ether	3.363	73	380915	54.328	ug/L	99
19) 1,1-Dichloroethane	3.864	63	238990	49.797	ug/L	97
20) cis-1,2-Dichloroethene	4.665	96	137791	51.942	ug/L	99
22) 2-Butanone	4.703	43	242841	102.501	ug/L	99
23) Bromochloromethane	4.973	128	72921	50.329	ug/L	98
25) Chloroform	5.086	83	251744	49.237	ug/L	99

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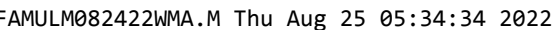
Instrument :
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 ClientSampleId :
 VSTD050175

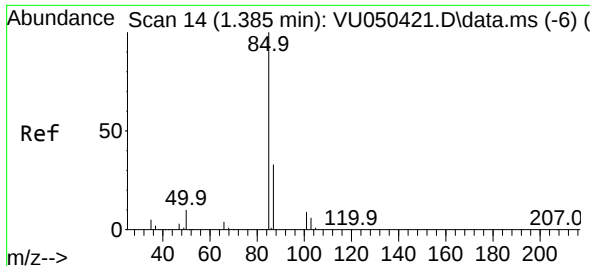
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 Quant Title : VOC Analysis
 QLast Update : Thu Aug 25 05:03:52 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	191477	50.204	ug/L	99
29) Cyclohexane	5.388	56	160986	52.547	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	193266	50.721	ug/L	100
31) Carbon tetrachloride	5.523	117	152554	48.787	ug/L	99
33) Benzene	5.771	78	538916	53.445	ug/L	100
34) Trichloroethene	6.539	95	120722	50.578	ug/L	99
35) Methylcyclohexane	6.764	83	162845	48.792	ug/L	99
37) 1,2-Dichloropropane	6.790	63	154269	52.670	ug/L	100
38) Bromodichloromethane	7.105	83	190314	50.929	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	198008	51.480	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	451021	115.875	ug/L	99
42) Toluene	7.970	91	554750	54.605	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	184928	51.581	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	148188	51.417	ug/L	96
46) Tetrachloroethene	8.552	164	84700	48.316	ug/L	98
48) 2-Hexanone	8.684	43	377241	116.056	ug/L	98
49) Dibromochloromethane	8.809	129	150274	50.336	ug/L	97
50) 1,2-Dibromoethane	8.922	107	148159	51.440	ug/L	98
51) Chlorobenzene	9.446	112	339661	50.947	ug/L	99
52) Ethylbenzene	9.571	91	539872	52.725	ug/L	99
53) m,p-Xylene	9.693	106	207552	54.279	ug/L	99
54) o-Xylene	10.102	106	210021	55.284	ug/L	100
55) Styrene	10.115	104	369665	57.186	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	282717	53.684	ug/L	99
59) Bromoform	10.291	173	112926	51.071	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	213900	53.757	ug/L	99
61) Isopropylbenzene	10.484	105	517297	54.164	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	415469	53.876	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	415875	55.292	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	238435	51.059	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	236467	50.282	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	259373	52.818	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	54914	51.928	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	156381	48.581	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	128304	49.770	ug/L	100
71) Naphthalene	14.089	128	459105	54.290	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	146248	51.907	ug/L	99

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

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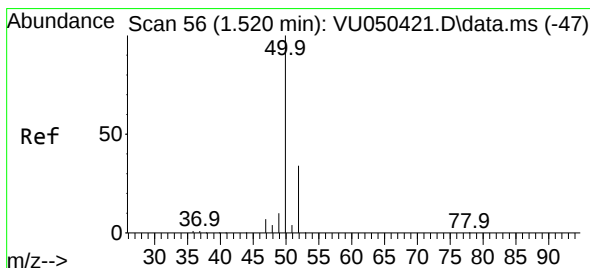
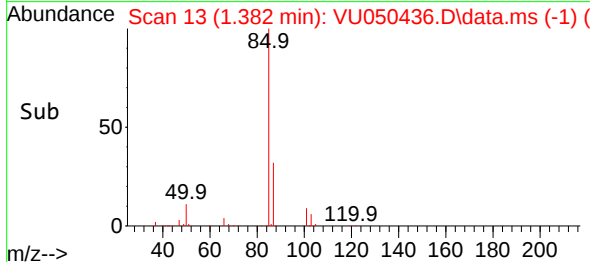
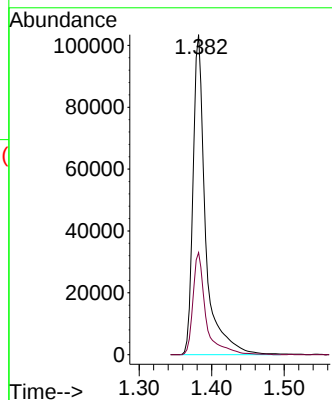
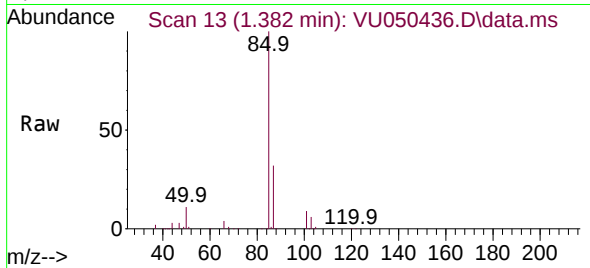




#2
Dichlorodifluoromethane
Concen: 46.368 ug/L
RT: 1.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU050436.D
Acq: 24 Aug 2022 19:58

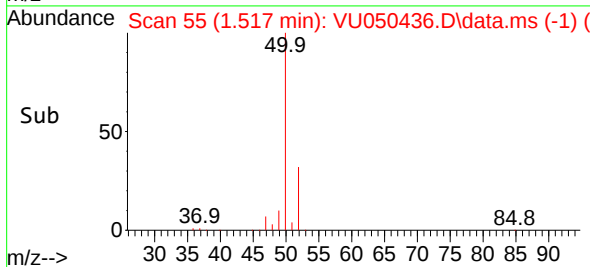
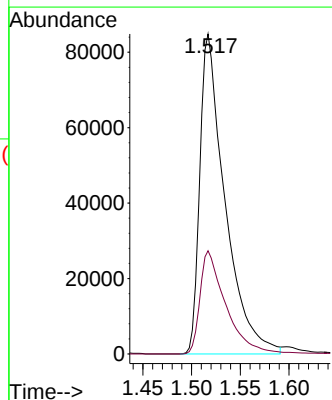
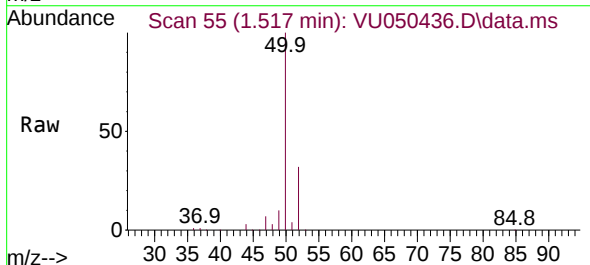
Instrument :
MSVOA_U
ClientSampleId :
VSTD050175

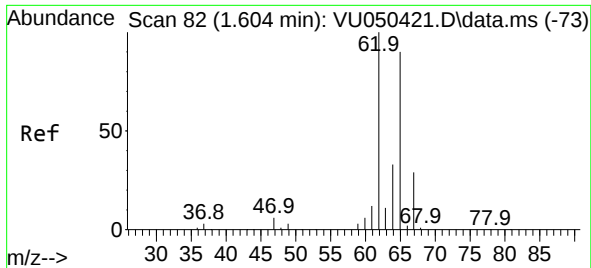
Tgt Ion: 85 Resp: 124510
Ion Ratio Lower Upper
85 100
87 32.9 26.2 39.4



#3
Chloromethane
Concen: 48.713 ug/L
RT: 1.517 min Scan# 55
Delta R.T. -0.003 min
Lab File: VU050436.D
Acq: 24 Aug 2022 19:58

Tgt Ion: 50 Resp: 152235
Ion Ratio Lower Upper
50 100
52 32.3 23.4 43.6

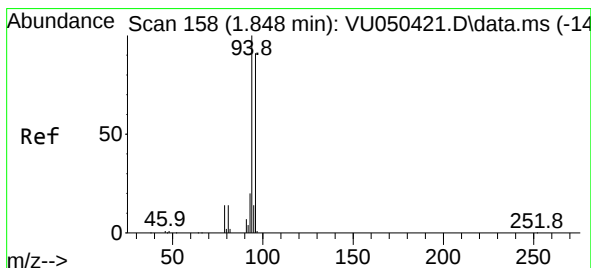
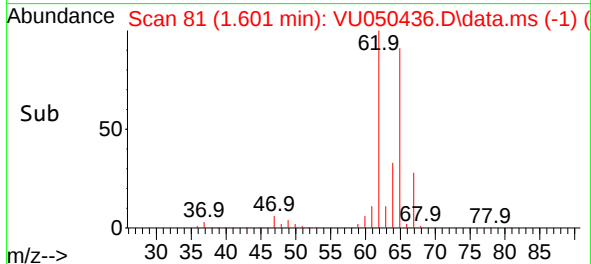
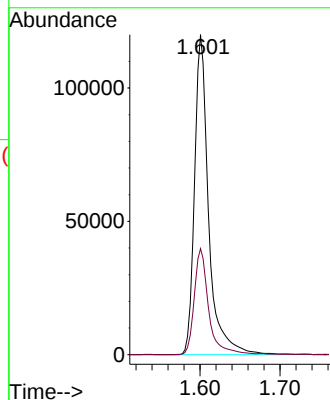
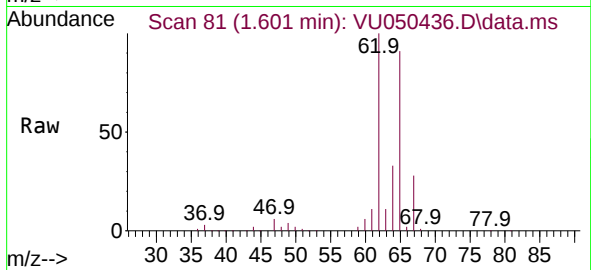




#5
 Vinyl chloride
 Concen: 48.119 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU050436.D
 Acq: 24 Aug 2022 19:58

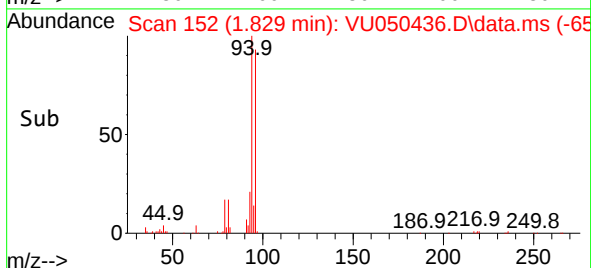
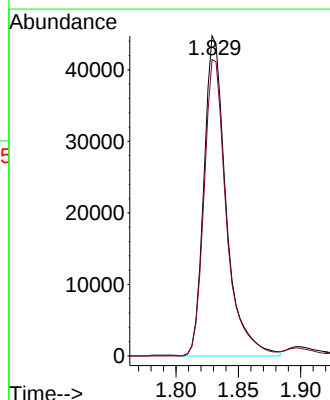
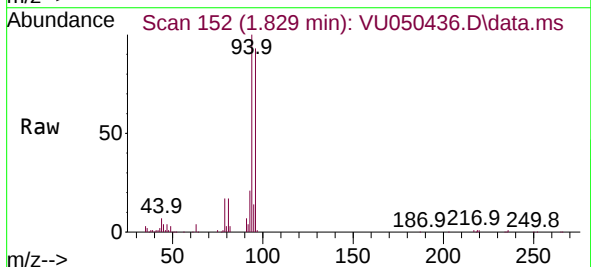
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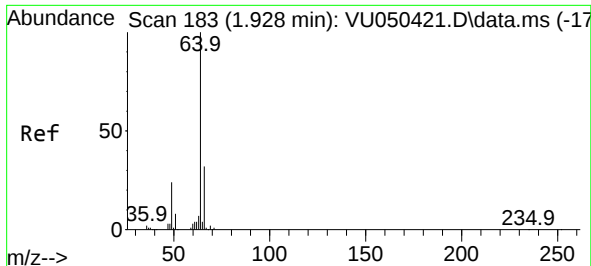
Tgt Ion: 62 Resp: 147048
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.1 42.9



#6
 Bromomethane
 Concen: 49.132 ug/L
 RT: 1.829 min Scan# 152
 Delta R.T. -0.019 min
 Lab File: VU050436.D
 Acq: 24 Aug 2022 19:58

Tgt Ion: 94 Resp: 55518
 Ion Ratio Lower Upper
 94 100
 96 92.6 63.3 117.5

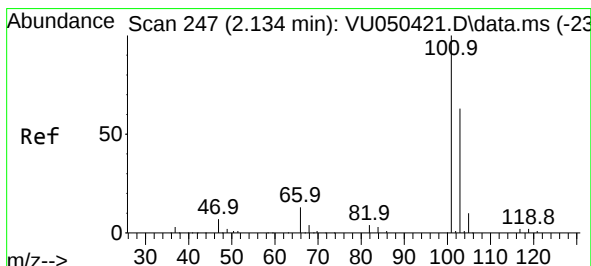
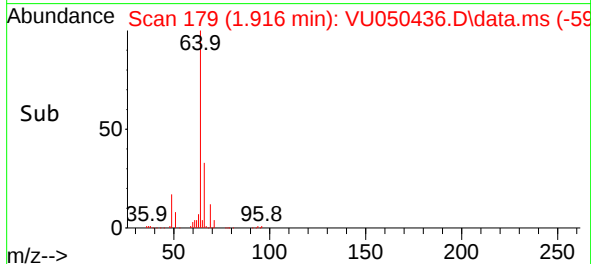
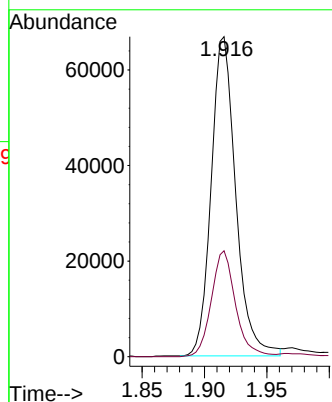
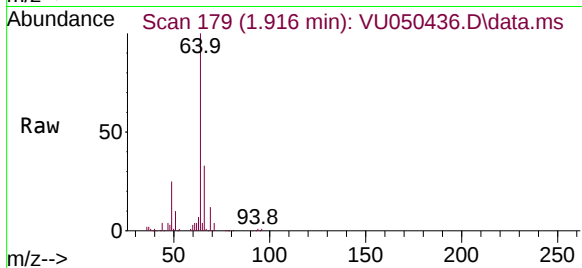




#8
Chloroethane
Concen: 49.478 ug/L
RT: 1.916 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU050436.D
Acq: 24 Aug 2022 19:58

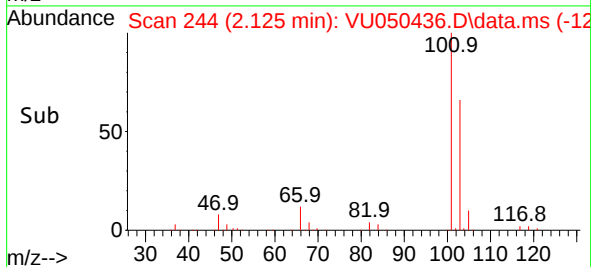
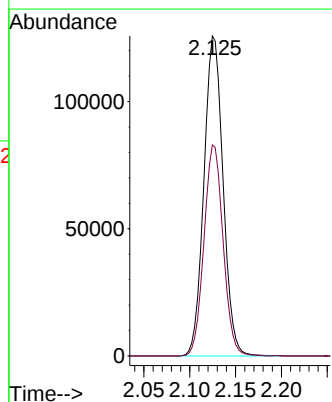
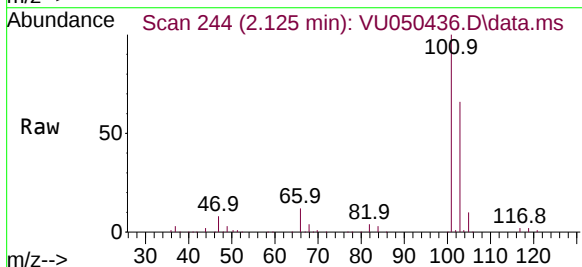
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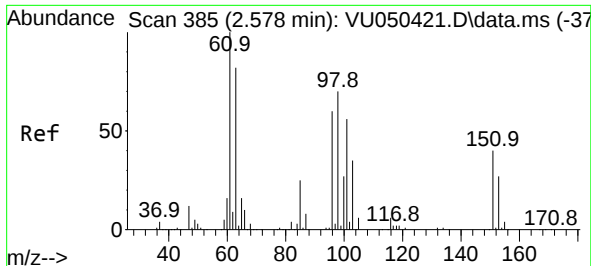
Tgt Ion: 64 Resp: 91857
Ion Ratio Lower Upper
64 100
66 33.1 22.3 41.3



#9
Trichlorofluoromethane
Concen: 47.061 ug/L
RT: 2.125 min Scan# 244
Delta R.T. -0.010 min
Lab File: VU050436.D
Acq: 24 Aug 2022 19:58

Tgt Ion: 101 Resp: 182971
Ion Ratio Lower Upper
101 100
103 65.7 51.1 76.7

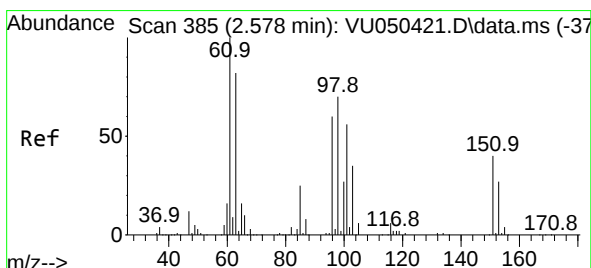
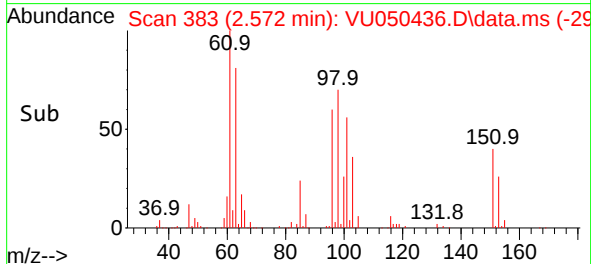
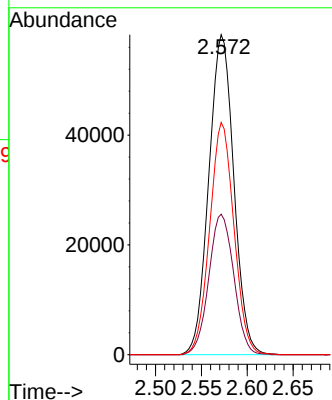
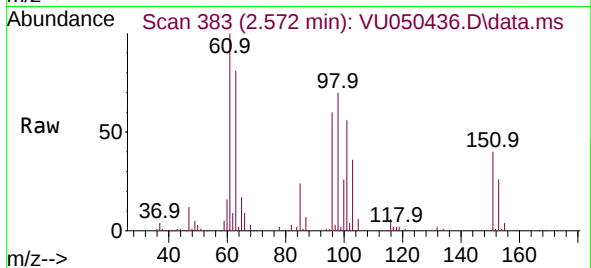




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 46.344 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.006 min
 Lab File: VU050436.D
 Acq: 24 Aug 2022 19:58

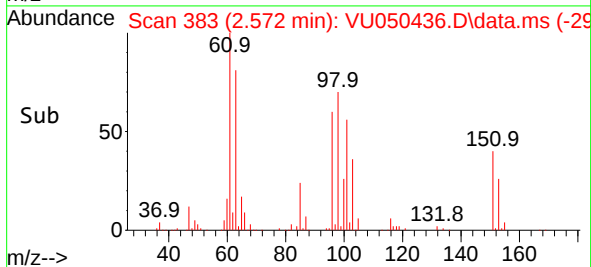
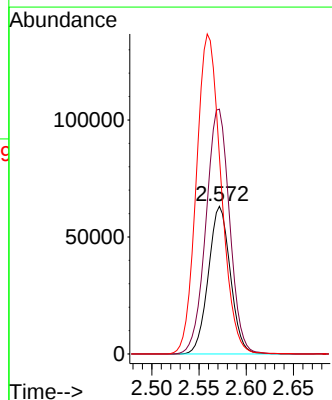
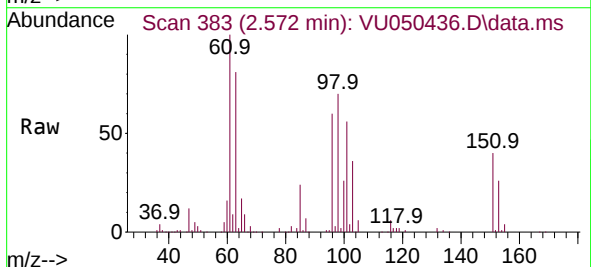
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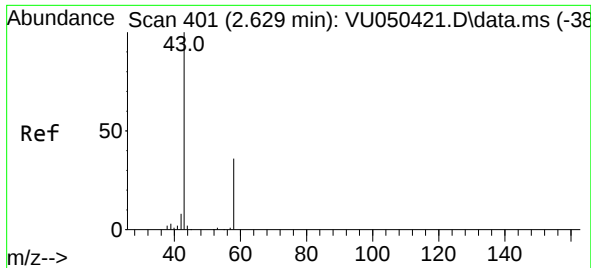
Tgt Ion:101 Resp: 110471
 Ion Ratio Lower Upper
 101 100
 85 43.8 35.3 52.9
 151 70.6 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 48.391 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.006 min
 Lab File: VU050436.D
 Acq: 24 Aug 2022 19:58

Tgt Ion: 96 Resp: 101974
 Ion Ratio Lower Upper
 96 100
 61 165.7 116.8 216.8
 63 133.9 97.4 180.8





#13

Acetone

Concen: 86.018 ug/L

RT: 2.626 min Scan# 401

Delta R.T. -0.003 min

Lab File: VU050436.D

Acq: 24 Aug 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

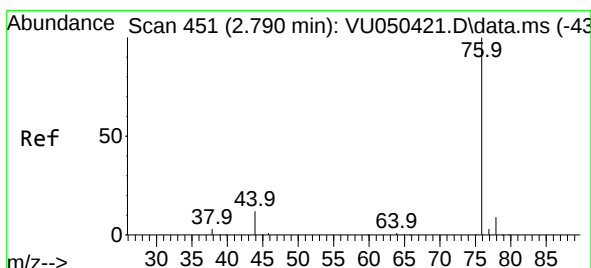
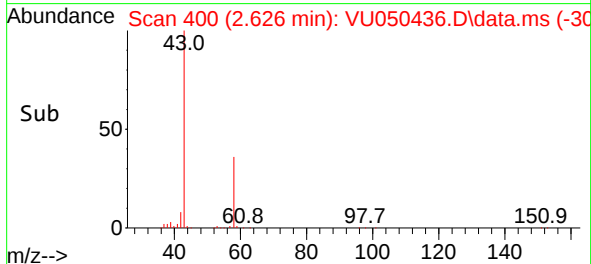
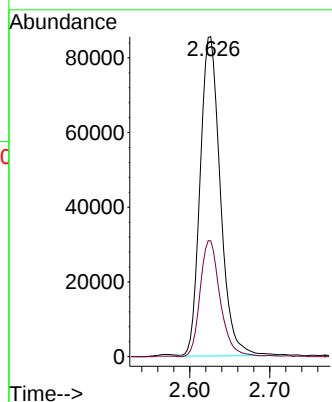
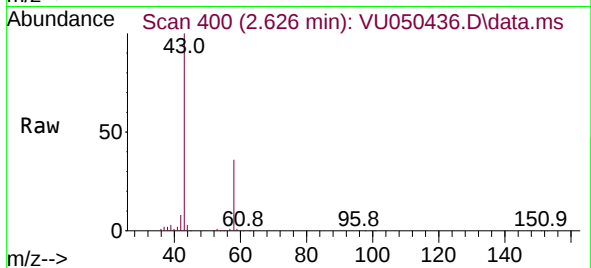
VSTD050175

Tgt Ion: 43 Resp: 150369

Ion Ratio Lower Upper

43 100

58 36.1 0.0 72.2



#14

Carbon disulfide

Concen: 45.792 ug/L

RT: 2.784 min Scan# 449

Delta R.T. -0.006 min

Lab File: VU050436.D

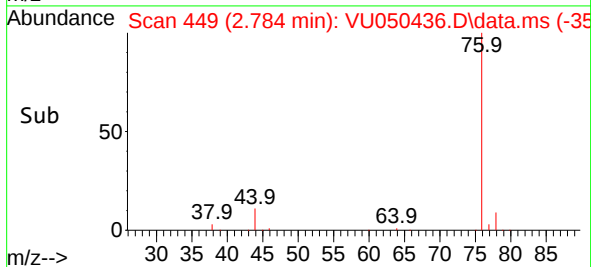
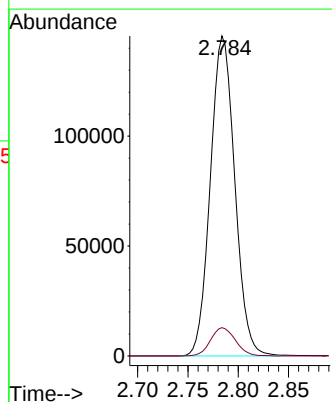
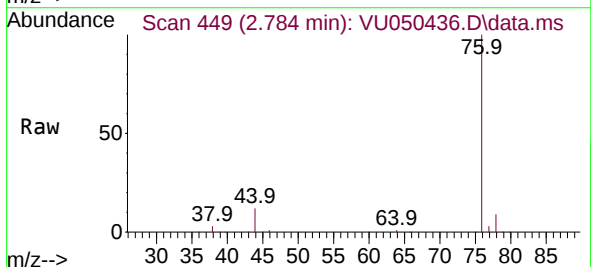
Acq: 24 Aug 2022 19:58

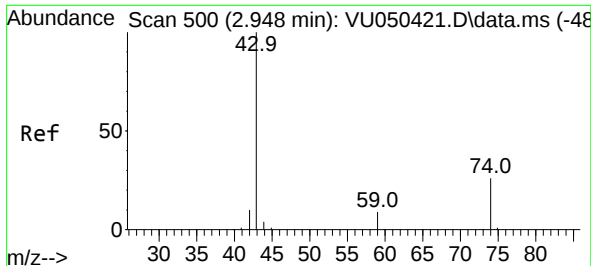
Tgt Ion: 76 Resp: 246243

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9

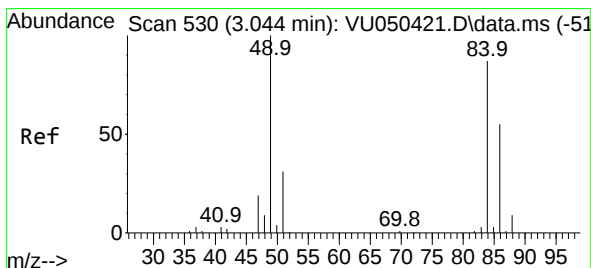
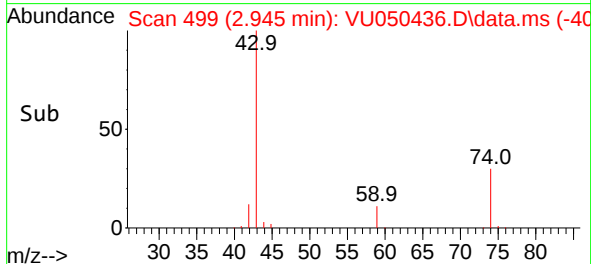
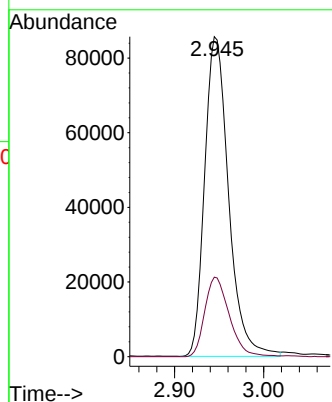
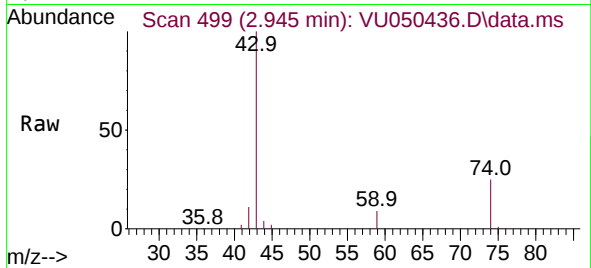




#15
Methyl Acetate
Concen: 50.791 ug/L
RT: 2.945 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU050436.D
Acq: 24 Aug 2022 19:58

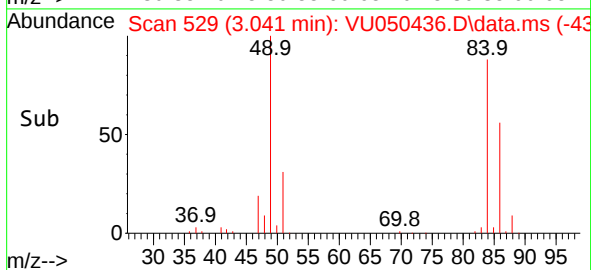
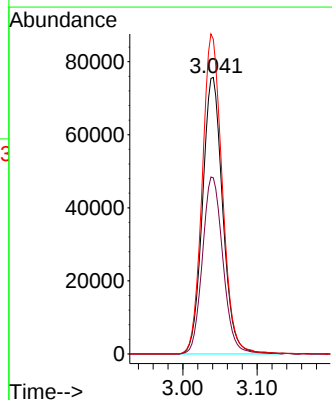
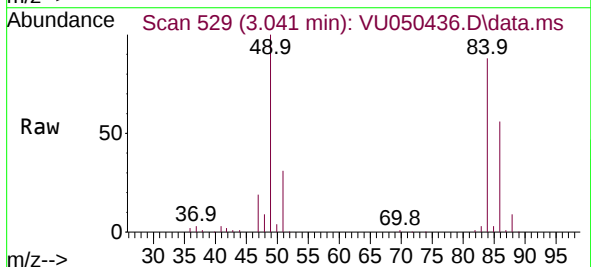
Instrument :
MSVOA_U
ClientSampleId :
VSTD050175

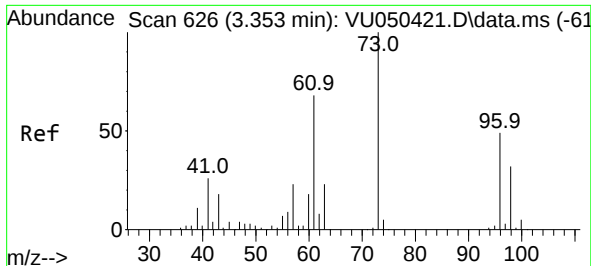
Tgt Ion: 43 Resp: 159744
Ion Ratio Lower Upper
43 100
74 25.5 21.2 31.8



#16
Methylene chloride
Concen: 48.732 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU050436.D
Acq: 24 Aug 2022 19:58

Tgt Ion: 84 Resp: 143121
Ion Ratio Lower Upper
84 100
86 63.7 43.9 81.5
49 113.8 80.4 149.4

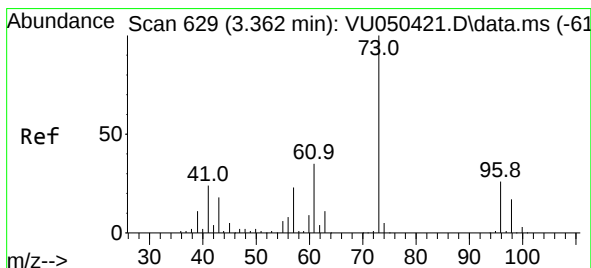
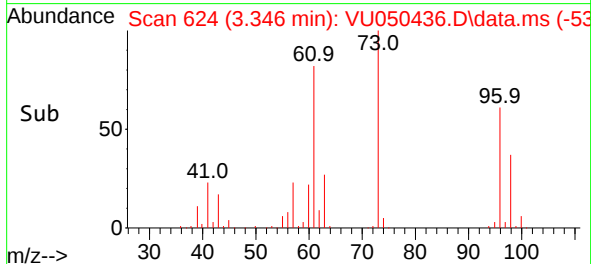
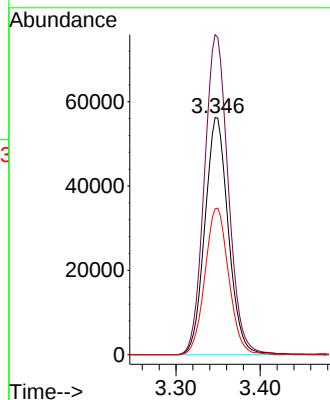
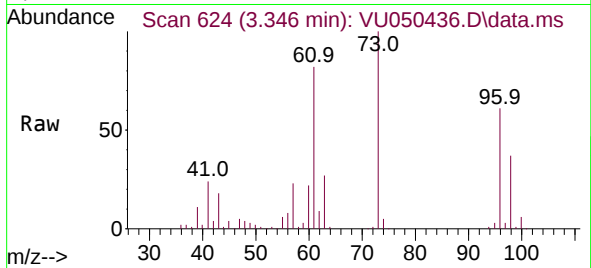




#17
trans-1,2-Dichloroethene
Concen: 49.228 ug/L
RT: 3.346 min Scan# 61
Delta R.T. -0.006 min
Lab File: VU050436.D
Acq: 24 Aug 2022 19:58

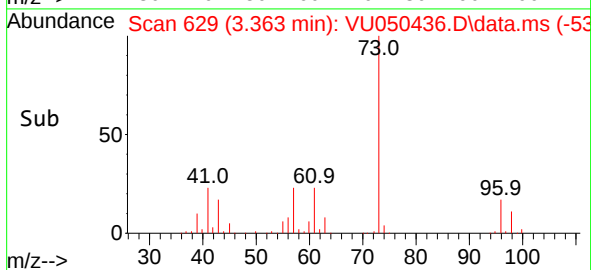
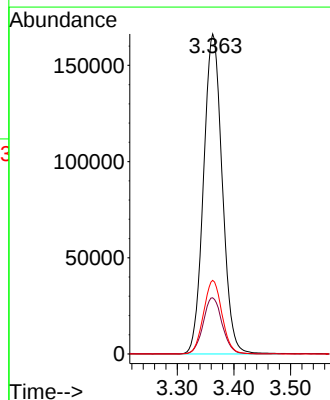
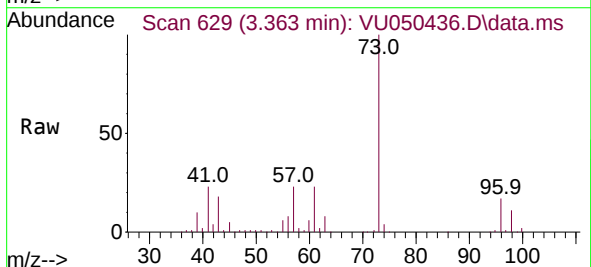
Instrument :
MSVOA_U
ClientSampleId :
VSTD050175

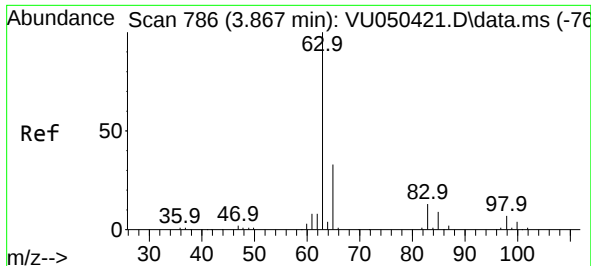
Tgt Ion: 96 Resp: 109053
Ion Ratio Lower Upper
96 100
61 134.9 98.5 182.9
98 61.5 45.7 84.9



#18
Methyl tert-butyl Ether
Concen: 54.328 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU050436.D
Acq: 24 Aug 2022 19:58

Tgt Ion: 73 Resp: 380915
Ion Ratio Lower Upper
73 100
43 17.7 14.4 21.6
57 22.7 17.8 26.8





#19

1,1-Dichloroethane

Concen: 49.797 ug/L

RT: 3.864 min Scan# 786

Delta R.T. -0.003 min

Lab File: VU050436.D

Acq: 24 Aug 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD050175

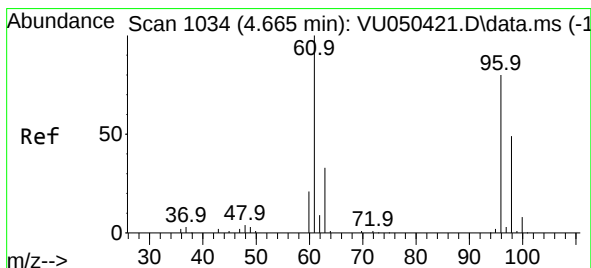
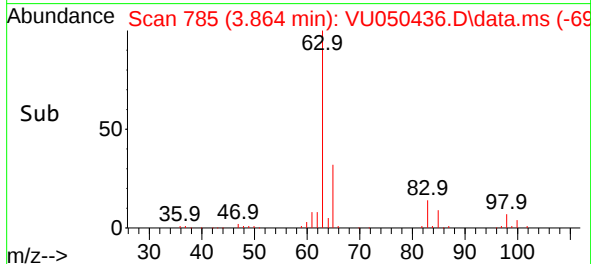
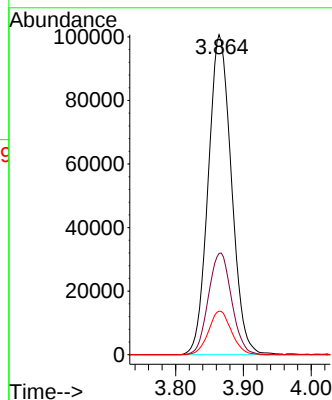
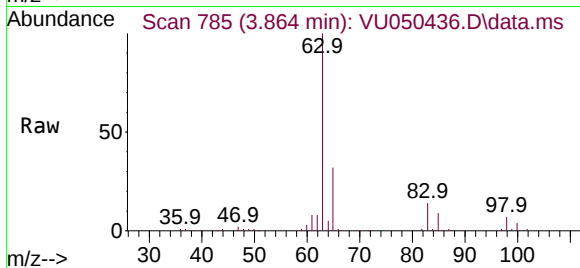
Tgt Ion: 63 Resp: 238990

Ion Ratio Lower Upper

63 100

65 31.7 23.3 43.3

83 13.6 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 51.942 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU050436.D

Acq: 24 Aug 2022 19:58

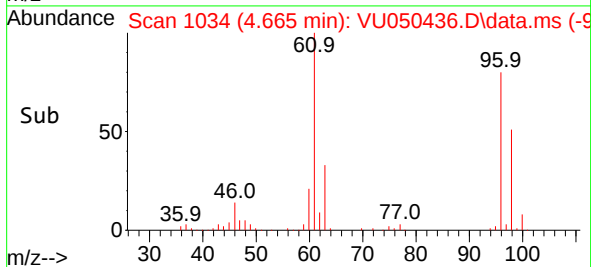
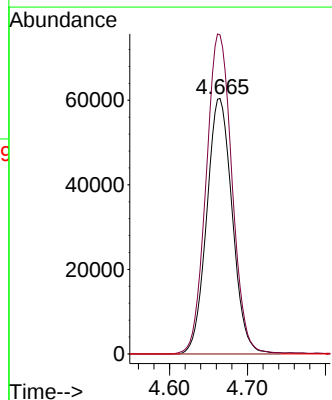
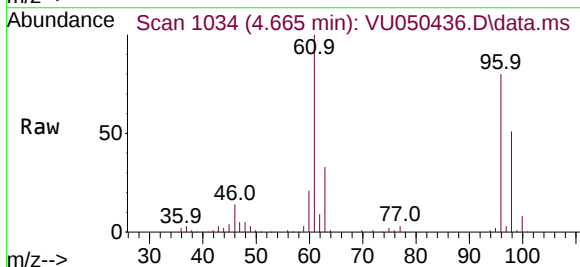
Tgt Ion: 96 Resp: 137791

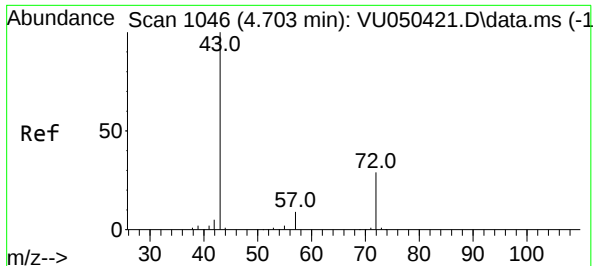
Ion Ratio Lower Upper

96 100

61 124.9 88.1 163.5

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 102.501 ug/L

RT: 4.703 min Scan# 1046

Delta R.T. 0.000 min

Lab File: VU050436.D

Acq: 24 Aug 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

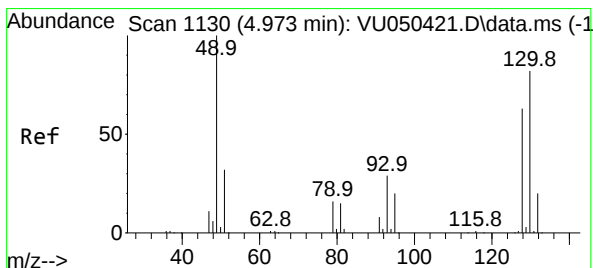
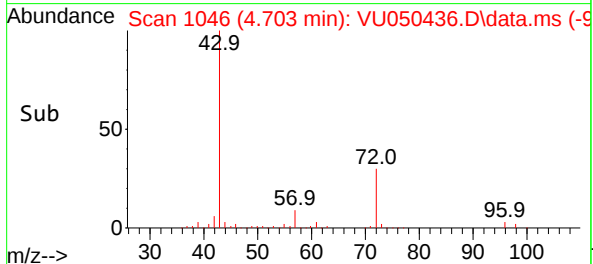
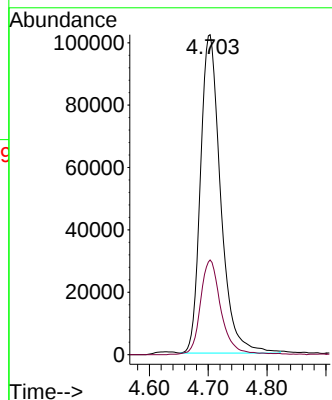
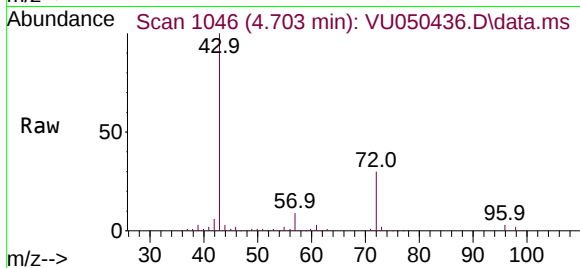
VSTD050175

Tgt Ion: 43 Resp: 242841

Ion Ratio Lower Upper

43 100

72 29.5 15.0 45.0



#23

Bromochloromethane

Concen: 50.329 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU050436.D

Acq: 24 Aug 2022 19:58

Tgt Ion:128 Resp: 72921

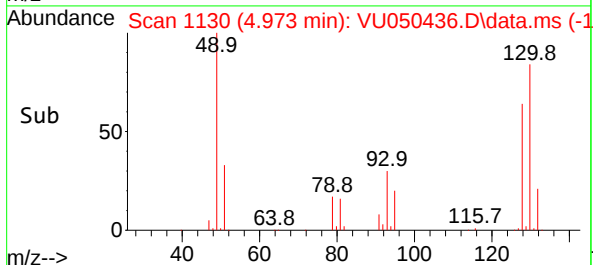
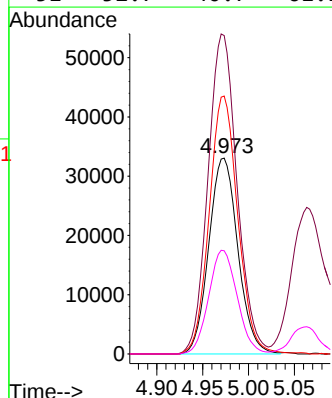
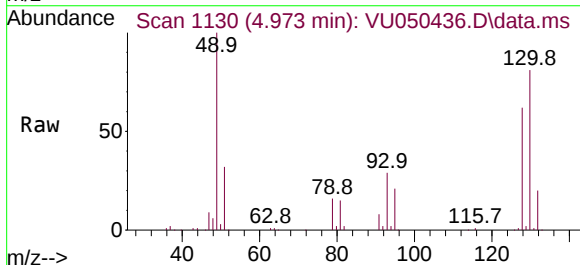
Ion Ratio Lower Upper

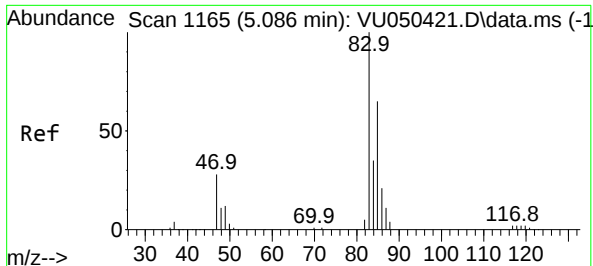
128 100

49 162.6 111.2 206.4

130 131.7 91.1 169.1

51 52.7 40.7 61.1

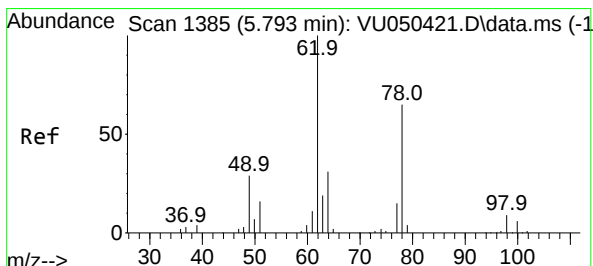
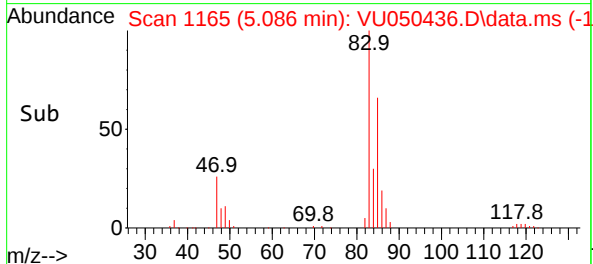
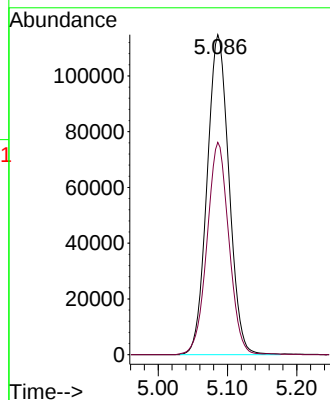
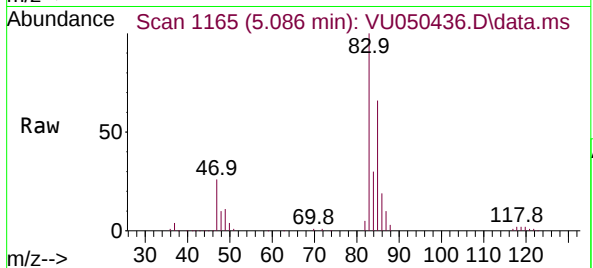




#25
Chloroform
Concen: 49.237 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VU050436.D
Acq: 24 Aug 2022 19:58

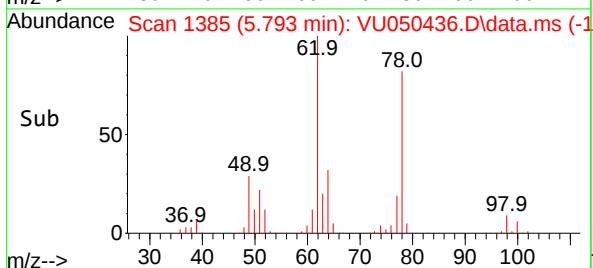
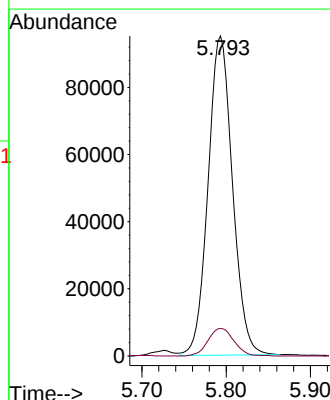
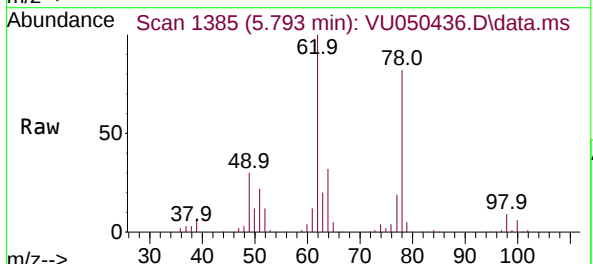
Instrument :
MSVOA_U
ClientSampleId :
VSTD050175

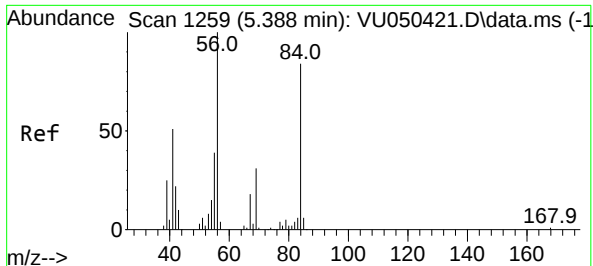
Tgt Ion: 83 Resp: 251744
Ion Ratio Lower Upper
83 100
85 66.3 45.7 84.9



#27
1,2-Dichloroethane
Concen: 50.204 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU050436.D
Acq: 24 Aug 2022 19:58

Tgt Ion: 62 Resp: 191477
Ion Ratio Lower Upper
62 100
98 8.6 7.3 10.9





#29

Cyclohexane

Concen: 52.547 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU050436.D

Acq: 24 Aug 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD050175

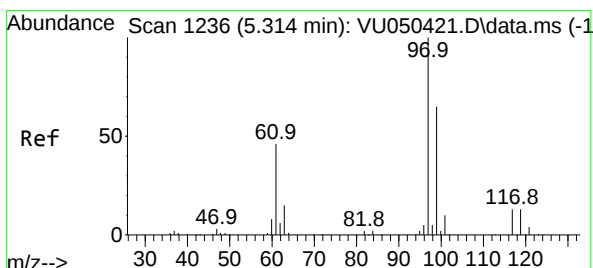
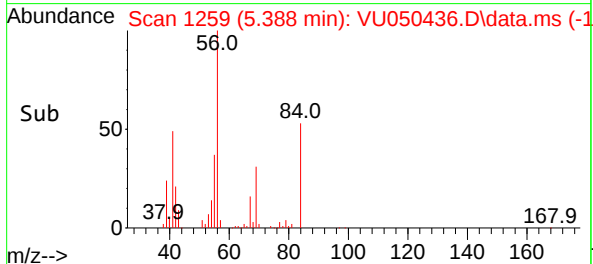
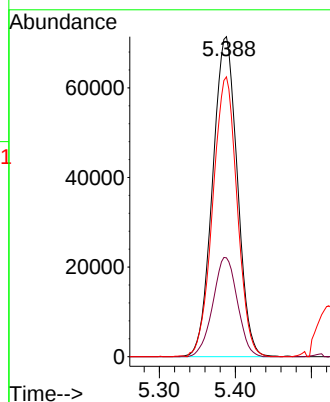
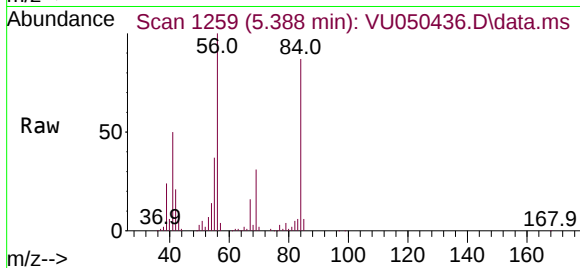
Tgt Ion: 56 Resp: 160986

Ion Ratio Lower Upper

56 100

69 30.8 24.6 36.8

84 86.3 68.8 103.2



#30

1,1,1-Trichloroethane

Concen: 50.721 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VU050436.D

Acq: 24 Aug 2022 19:58

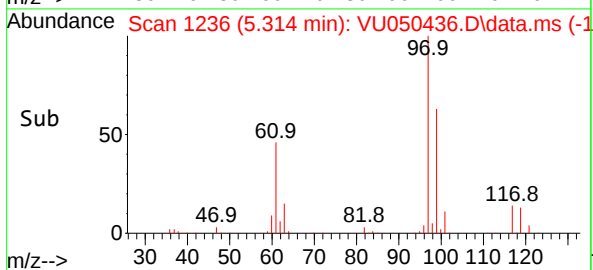
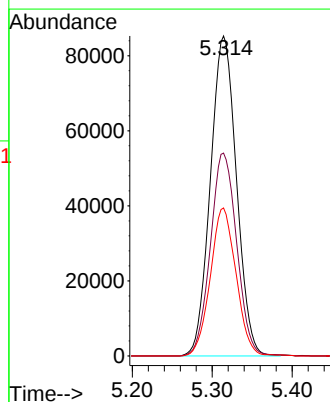
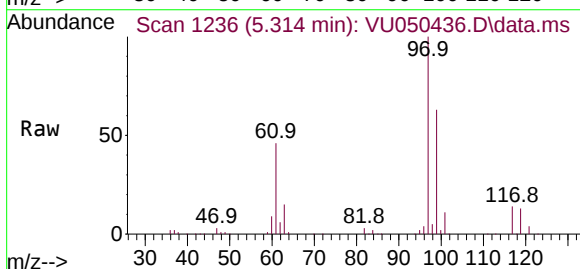
Tgt Ion: 97 Resp: 193266

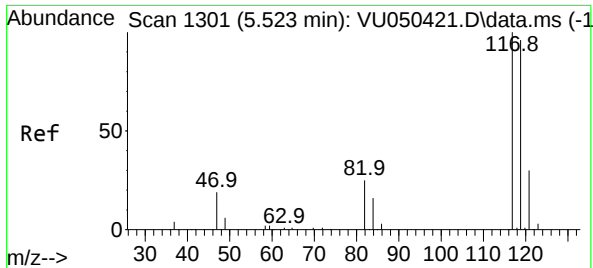
Ion Ratio Lower Upper

97 100

99 64.1 51.2 76.8

61 45.4 36.6 55.0

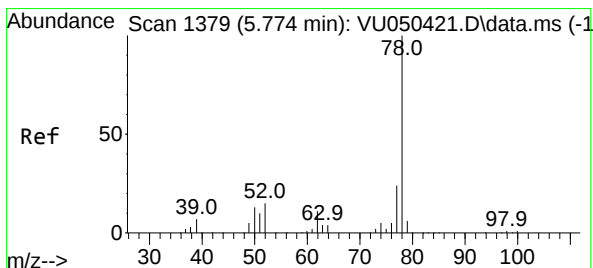
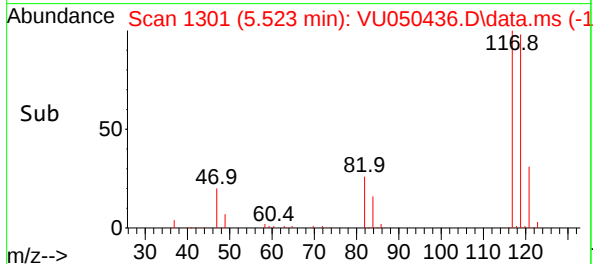
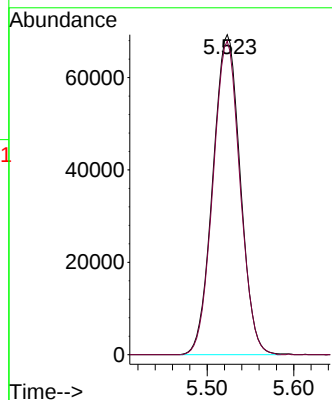
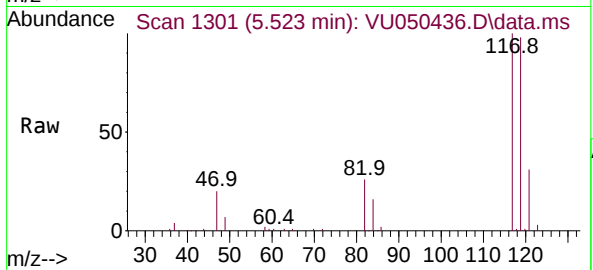




#31
Carbon tetrachloride
Concen: 48.787 ug/L
RT: 5.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU050436.D
Acq: 24 Aug 2022 19:58

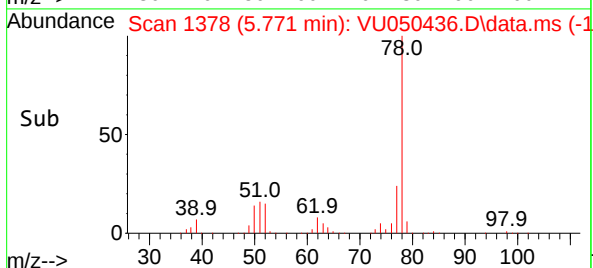
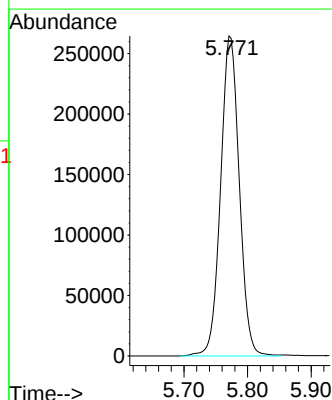
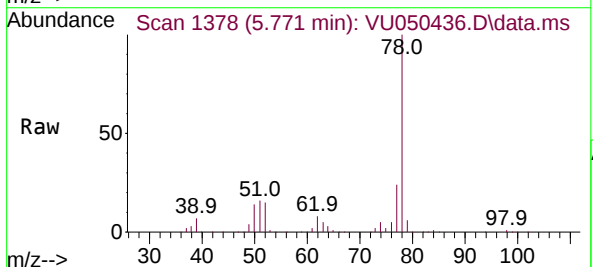
Instrument :
MSVOA_U
ClientSampleId :
VSTD050175

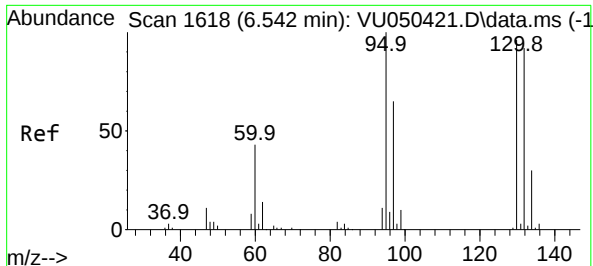
Tgt Ion:117 Resp: 152554
Ion Ratio Lower Upper
117 100
119 96.6 76.9 115.3



#33
Benzene
Concen: 53.445 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU050436.D
Acq: 24 Aug 2022 19:58

Tgt Ion: 78 Resp: 538916



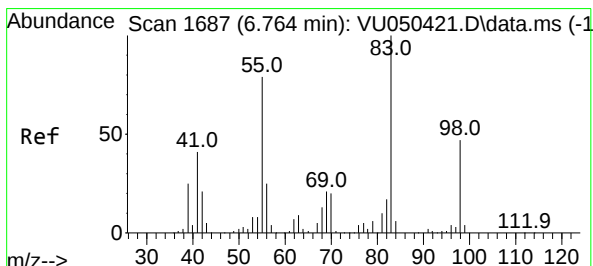
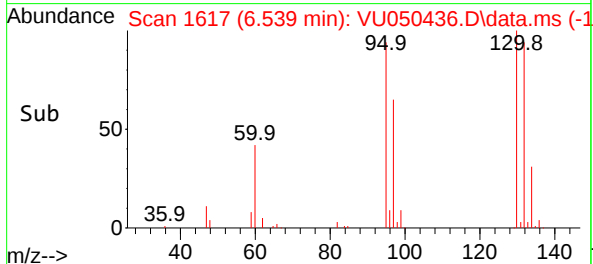
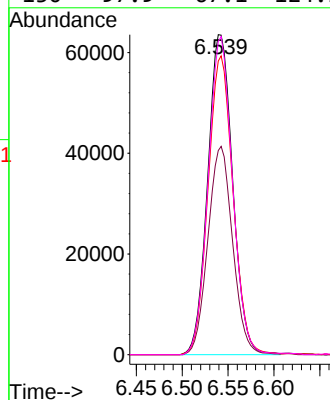
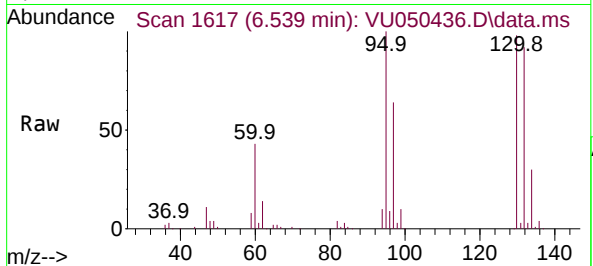


#34
Trichloroethene
Concen: 50.578 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU050436.D
Acq: 24 Aug 2022 19:58

Instrument :
MSVOA_U
ClientSampleId :
VSTD050175

Tgt Ion: 95 Resp: 120722

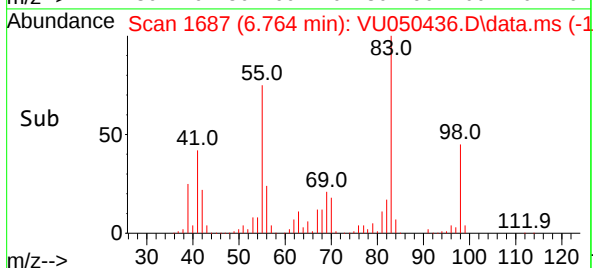
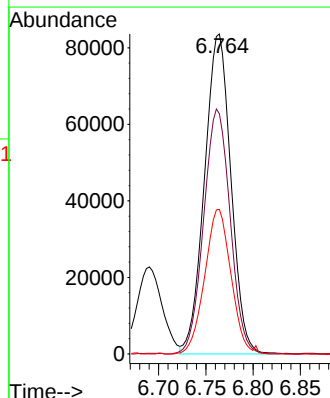
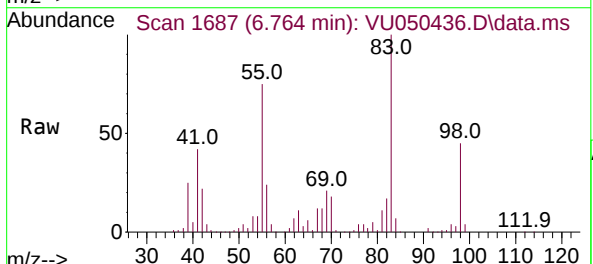
Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.2	84.0
132	91.7	64.4	119.6
130	97.9	67.1	124.5

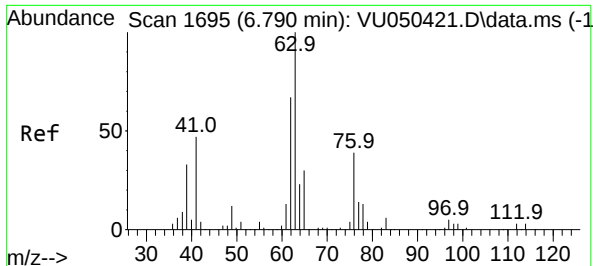


#35
Methylcyclohexane
Concen: 48.792 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU050436.D
Acq: 24 Aug 2022 19:58

Tgt Ion: 83 Resp: 162845

Ion	Ratio	Lower	Upper
83	100		
55	76.6	61.9	92.9
98	44.6	35.8	53.8





#37

1,2-Dichloropropane

Concen: 52.670 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU050436.D

Acq: 24 Aug 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

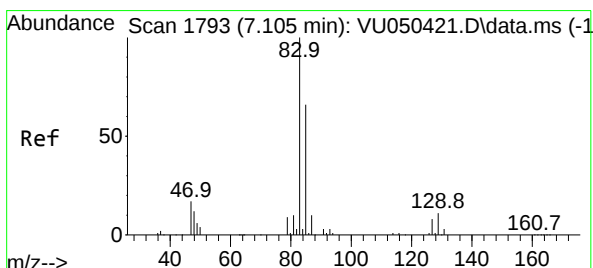
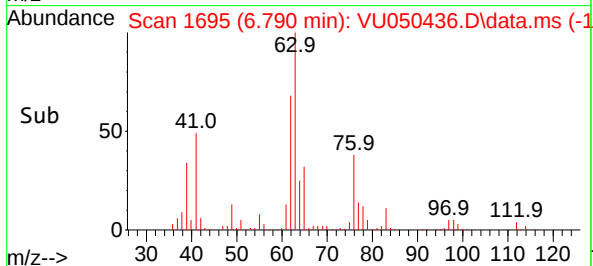
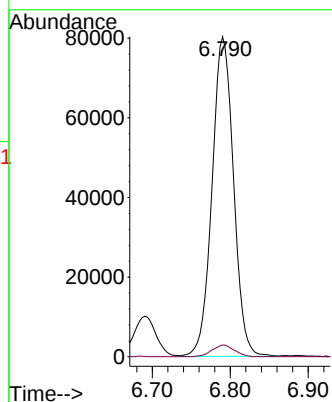
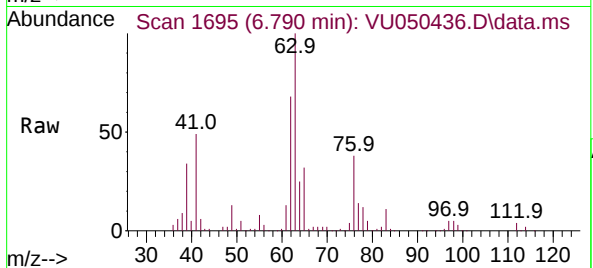
VSTD050175

Tgt Ion: 63 Resp: 154269

Ion Ratio Lower Upper

63 100

112 3.8 3.0 4.4



#38

Bromodichloromethane

Concen: 50.929 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU050436.D

Acq: 24 Aug 2022 19:58

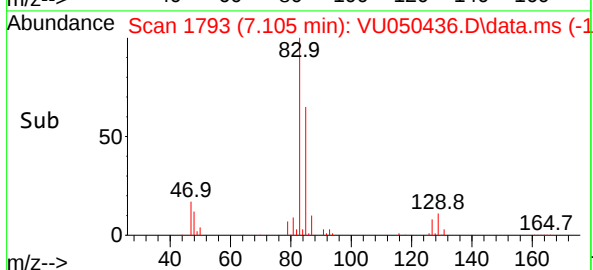
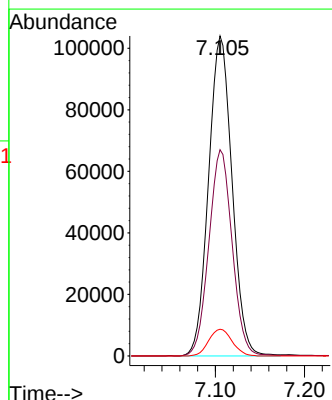
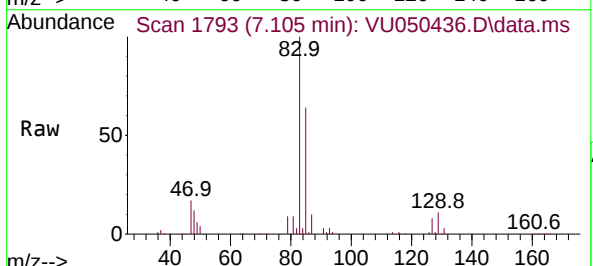
Tgt Ion: 83 Resp: 190314

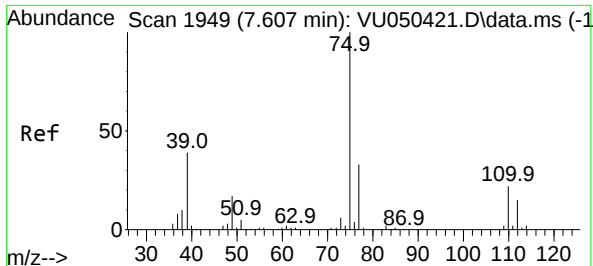
Ion Ratio Lower Upper

83 100

85 64.4 46.2 85.8

127 8.4 6.7 10.1

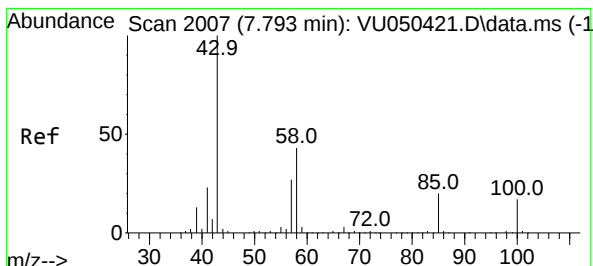
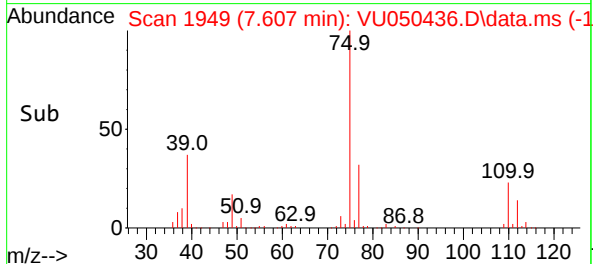
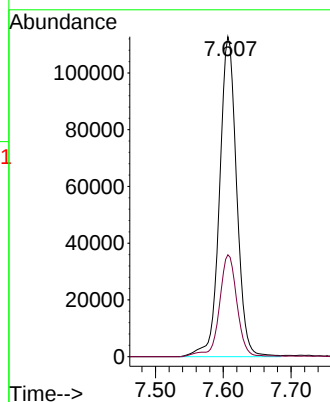
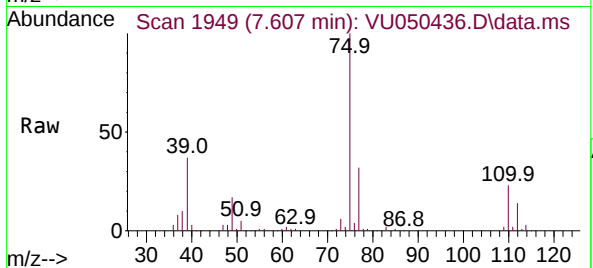




#39
 cis-1,3-Dichloropropene
 Concen: 51.480 ug/L
 RT: 7.607 min Scan# 1949
 Delta R.T. 0.000 min
 Lab File: VU050436.D
 Acq: 24 Aug 2022 19:58

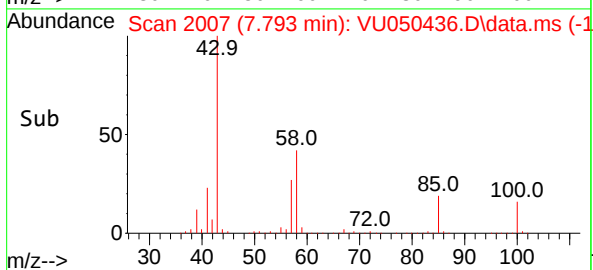
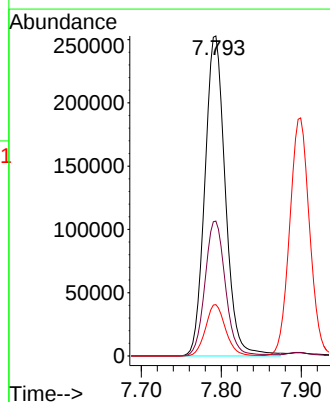
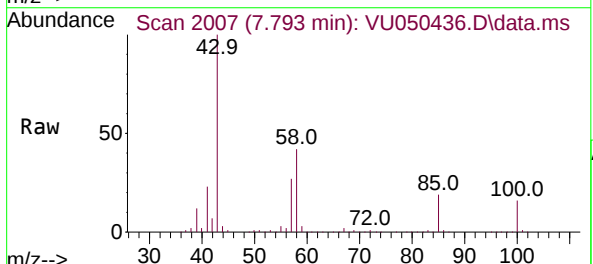
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050175

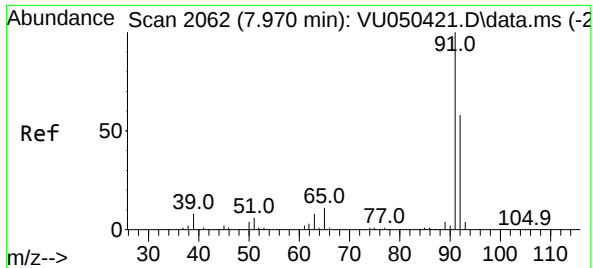
Tgt Ion: 75 Resp: 198008
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 115.875 ug/L
 RT: 7.793 min Scan# 2007
 Delta R.T. 0.000 min
 Lab File: VU050436.D
 Acq: 24 Aug 2022 19:58

Tgt Ion: 43 Resp: 451021
 Ion Ratio Lower Upper
 43 100
 58 42.3 34.0 51.0
 100 15.7 13.0 19.4





#42

Toluene

Concen: 54.605 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU050436.D

Acq: 24 Aug 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

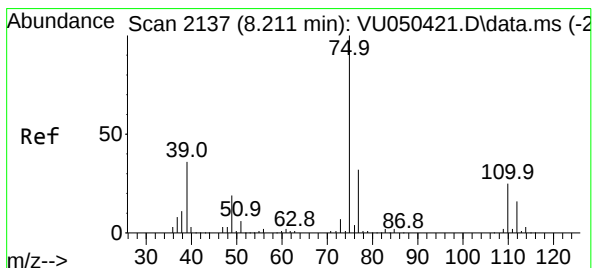
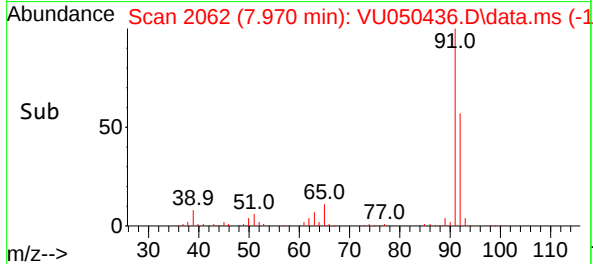
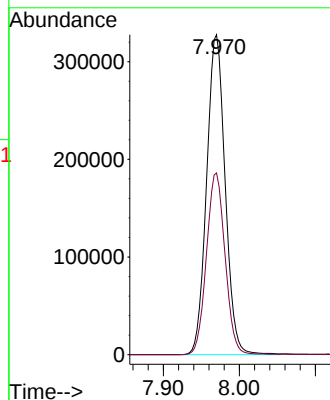
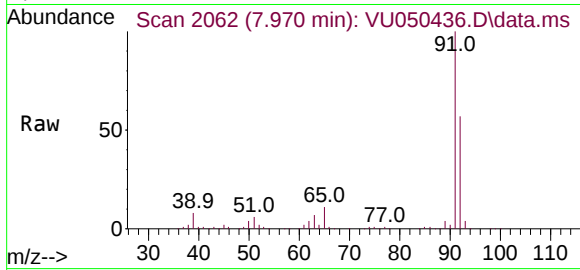
VSTD050175

Tgt Ion: 91 Resp: 554750

Ion Ratio Lower Upper

91 100

92 56.8 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 51.581 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU050436.D

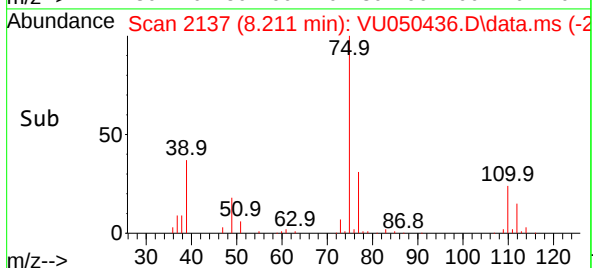
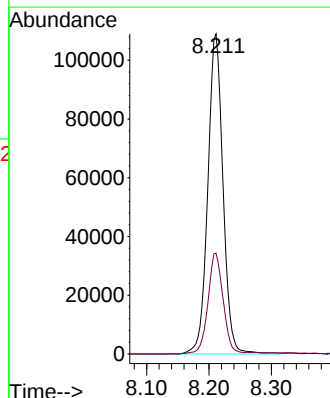
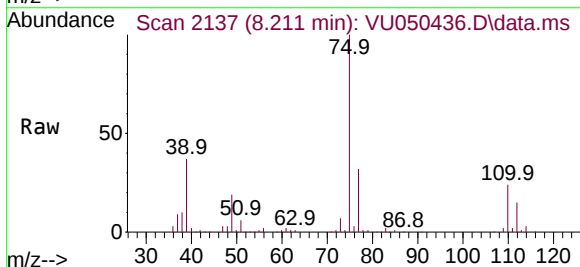
Acq: 24 Aug 2022 19:58

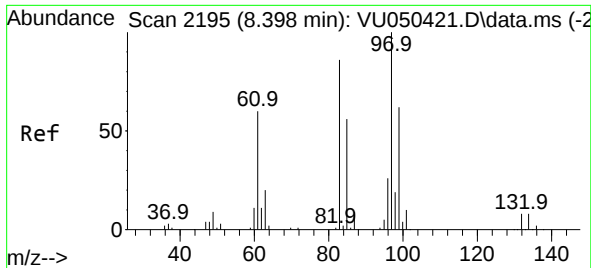
Tgt Ion: 75 Resp: 184928

Ion Ratio Lower Upper

75 100

77 31.5 22.5 41.7

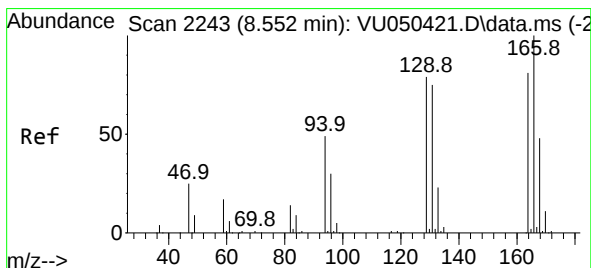
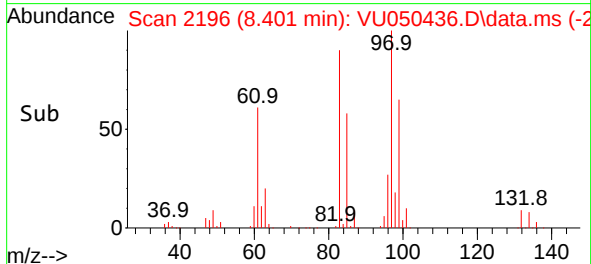
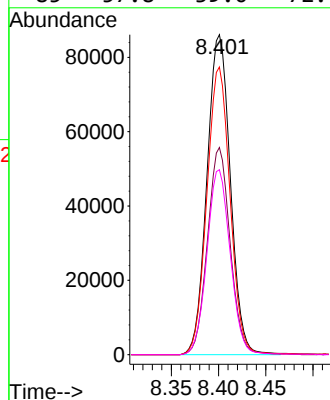
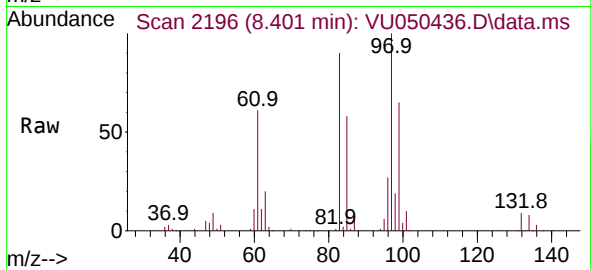




#45
1,1,2-Trichloroethane
Concen: 51.417 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU050436.D
Acq: 24 Aug 2022 19:58

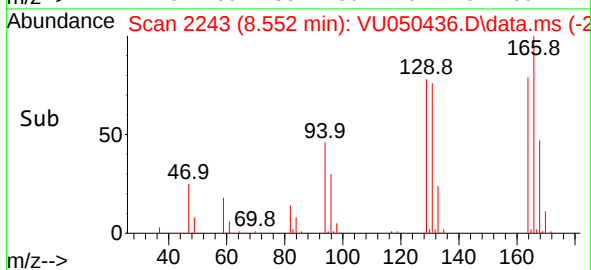
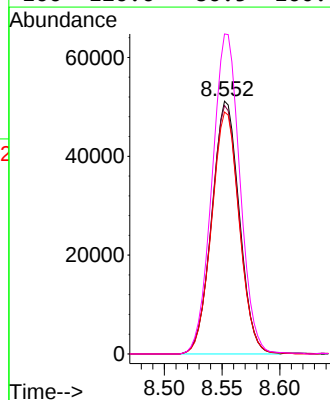
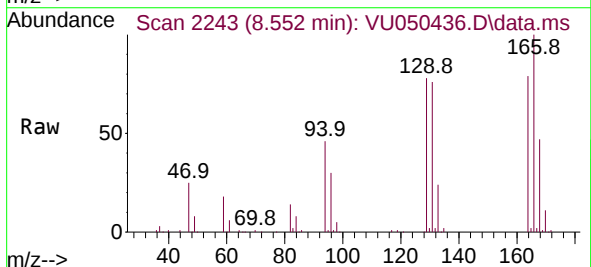
Instrument :
MSVOA_U
ClientSampleId :
VSTD050175

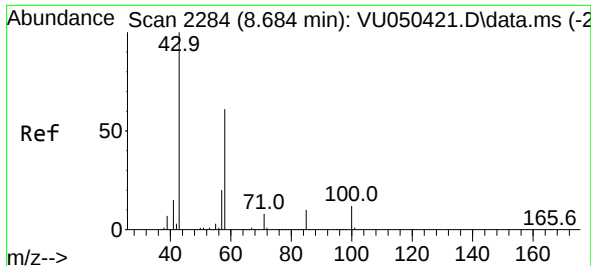
Tgt Ion:	97	Resp:	148188
Ion	Ratio	Lower	Upper
97	100		
99	64.8	43.3	80.3
83	89.9	60.3	112.1
85	57.8	39.0	72.4



#46
Tetrachloroethene
Concen: 48.316 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050436.D
Acq: 24 Aug 2022 19:58

Tgt Ion:	164	Resp:	84700
Ion	Ratio	Lower	Upper
164	100		
129	98.3	68.0	126.4
131	95.7	65.4	121.4
166	126.6	86.5	160.7

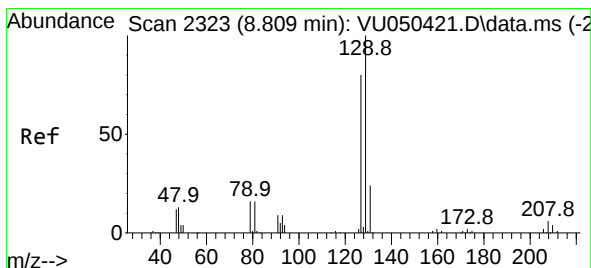
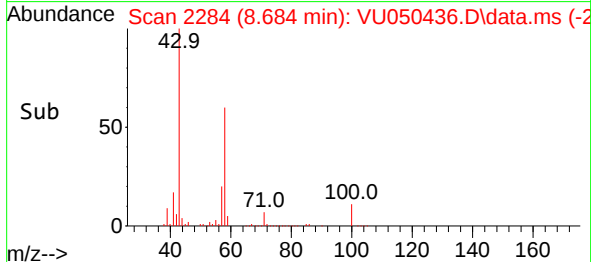
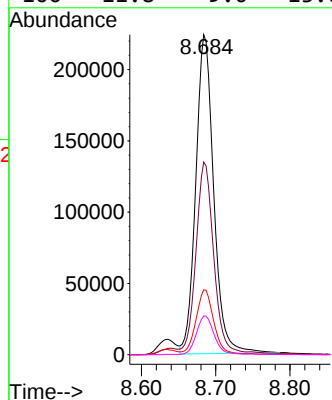
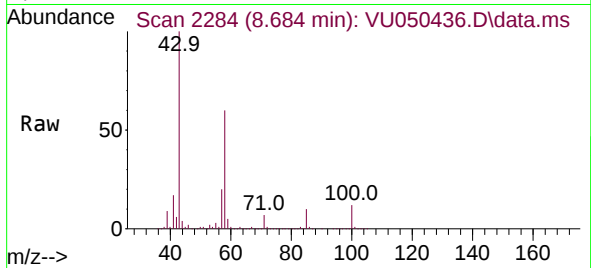




#48
2-Hexanone
Concen: 116.056 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050436.D
Acq: 24 Aug 2022 19:58

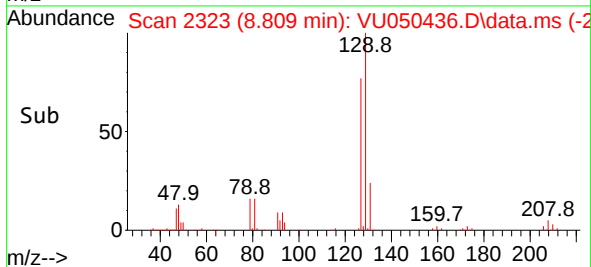
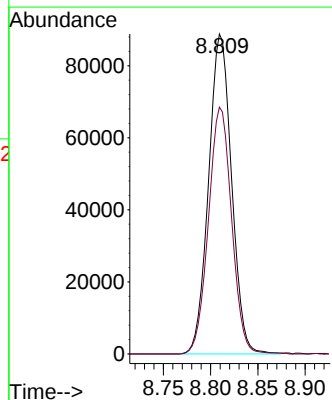
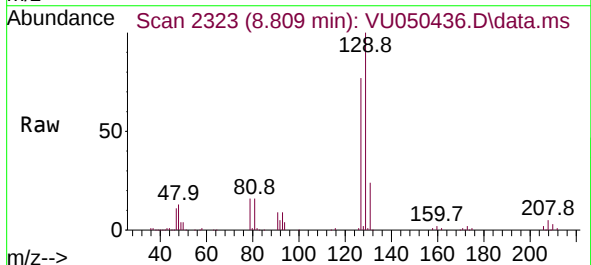
Instrument :
MSVOA_U
ClientSampleId :
VSTD050175

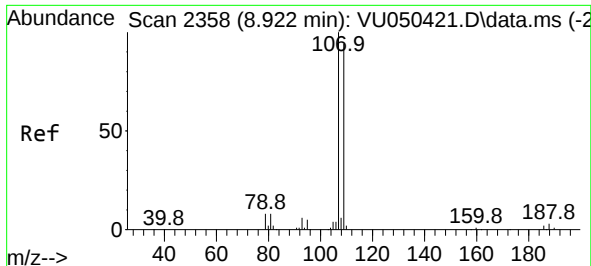
Tgt Ion: 43 Resp: 377241
Ion Ratio Lower Upper
43 100
58 57.9 47.9 71.9
57 20.0 15.4 23.0
100 11.8 9.0 13.6



#49
Dibromochloromethane
Concen: 50.336 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU050436.D
Acq: 24 Aug 2022 19:58

Tgt Ion: 129 Resp: 150274
Ion Ratio Lower Upper
129 100
127 77.2 55.9 103.7





#50

1,2-Dibromoethane

Concen: 51.440 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU050436.D

Acq: 24 Aug 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD050175

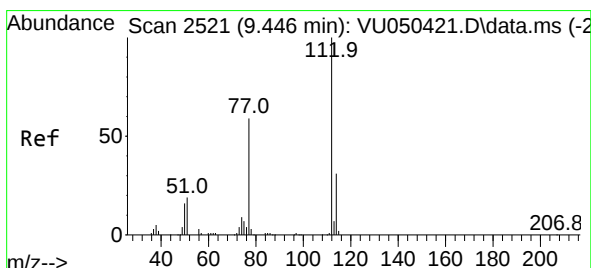
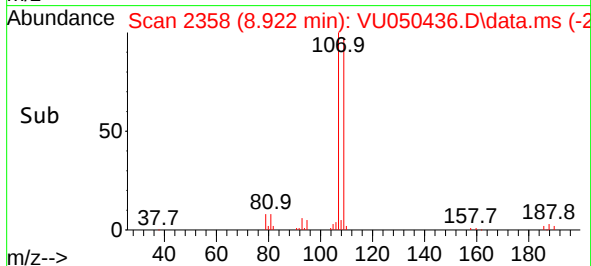
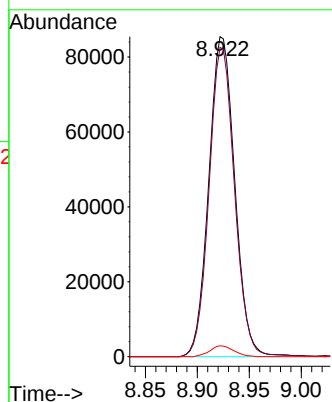
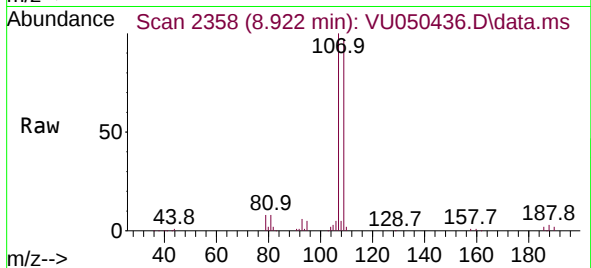
Tgt Ion:107 Resp: 148159

Ion Ratio Lower Upper

107 100

109 96.7 66.0 122.6

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 50.947 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU050436.D

Acq: 24 Aug 2022 19:58

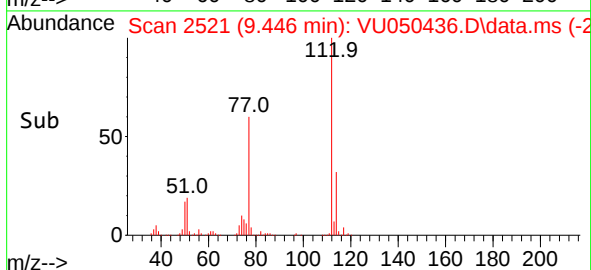
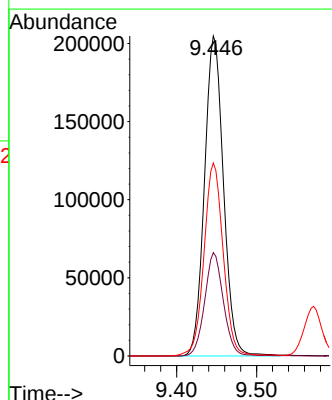
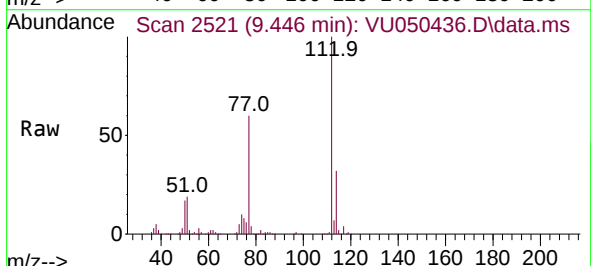
Tgt Ion:112 Resp: 339661

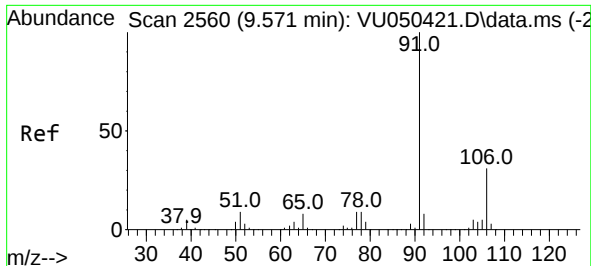
Ion Ratio Lower Upper

112 100

114 32.3 21.8 40.6

77 60.3 47.6 71.4

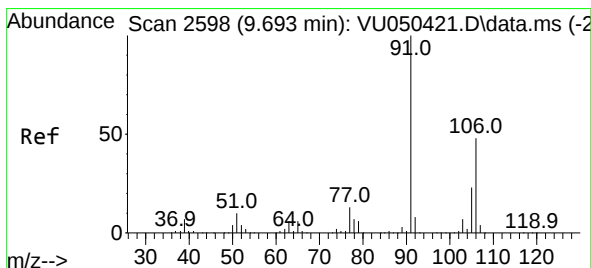
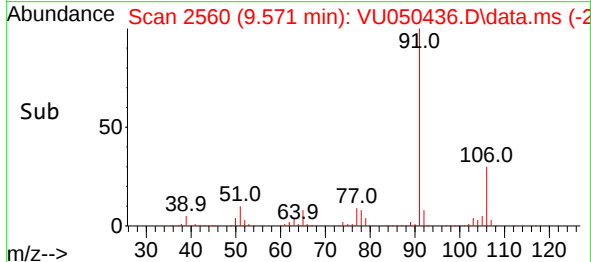
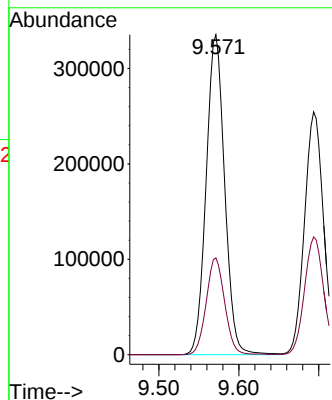
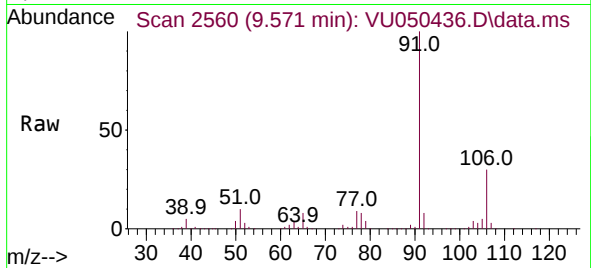




#52
Ethylbenzene
Concen: 52.725 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU050436.D
Acq: 24 Aug 2022 19:58

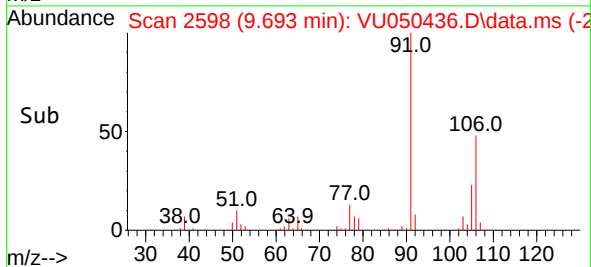
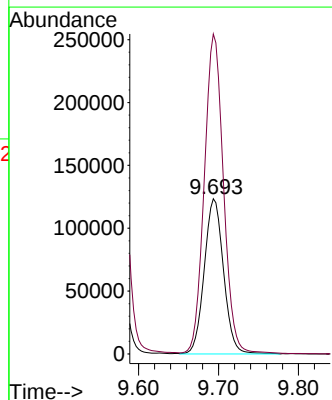
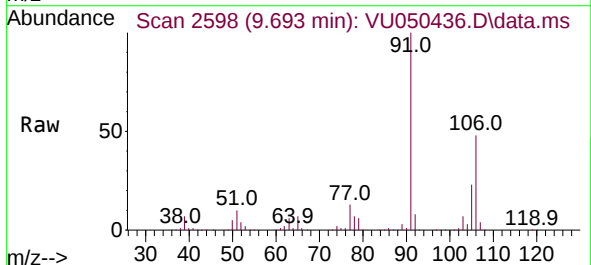
Instrument :
MSVOA_U
ClientSampleId :
VSTD050175

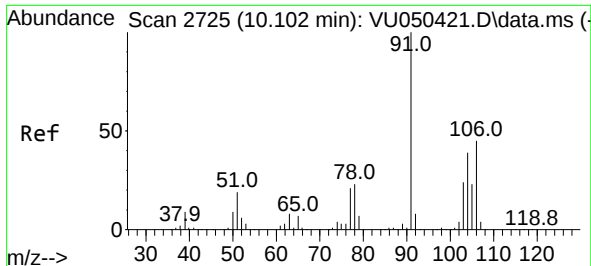
Tgt Ion: 91 Resp: 539872
Ion Ratio Lower Upper
91 100
106 30.2 21.7 40.3



#53
m,p-Xylene
Concen: 54.279 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU050436.D
Acq: 24 Aug 2022 19:58

Tgt Ion: 106 Resp: 207552
Ion Ratio Lower Upper
106 100
91 206.3 145.9 270.9

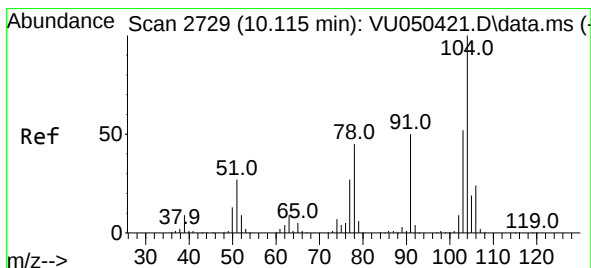
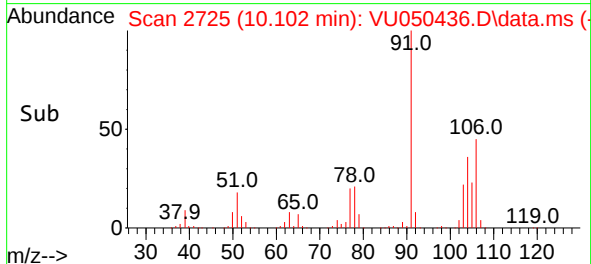
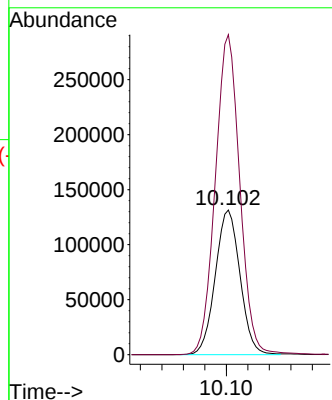
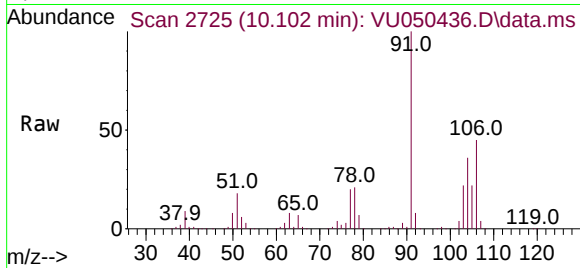




#54
o-Xylene
Concen: 55.284 ug/L
RT: 10.102 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU050436.D
Acq: 24 Aug 2022 19:58

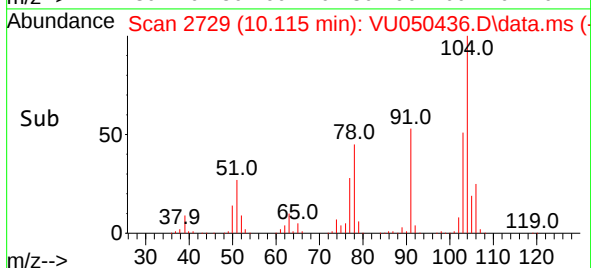
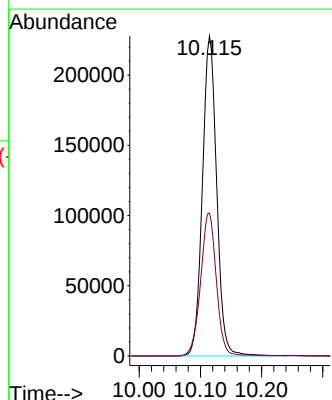
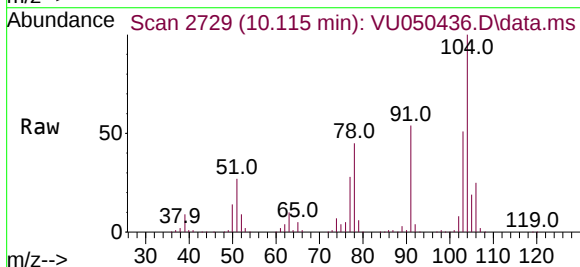
Instrument :
MSVOA_U
ClientSampleId :
VSTD050175

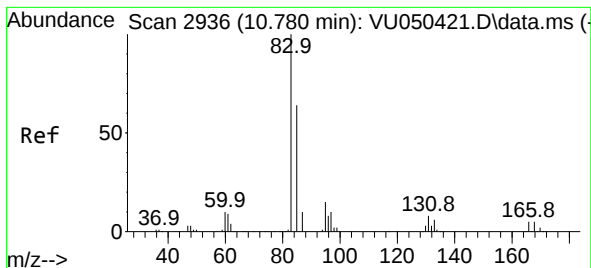
Tgt Ion:106 Resp: 210021
Ion Ratio Lower Upper
106 100
91 221.2 154.8 287.4



#55
Styrene
Concen: 57.186 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU050436.D
Acq: 24 Aug 2022 19:58

Tgt Ion:104 Resp: 369665
Ion Ratio Lower Upper
104 100
78 44.7 31.6 58.8





#57

1,1,2,2-Tetrachloroethane

Concen: 53.684 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.003 min

Lab File: VU050436.D

Acq: 24 Aug 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD050175

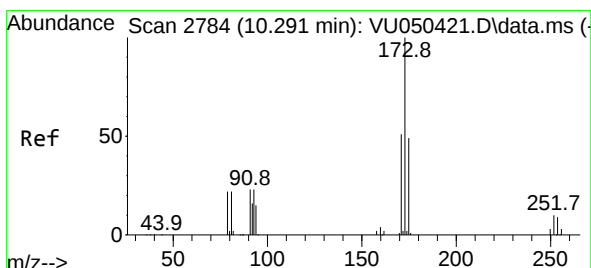
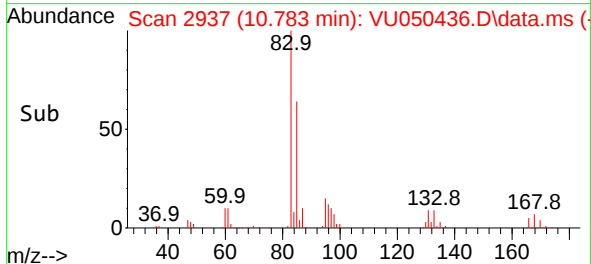
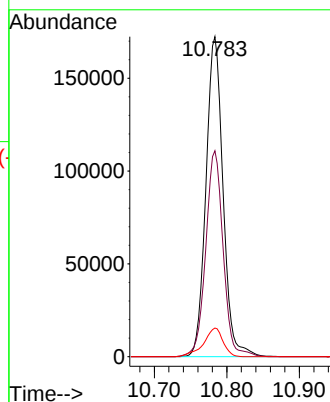
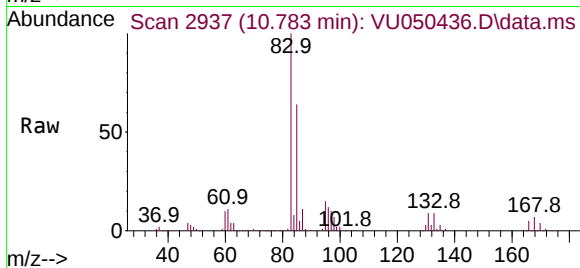
Tgt Ion: 83 Resp: 282717

Ion Ratio Lower Upper

83 100

85 64.4 45.4 84.2

131 9.0 7.2 10.8



#59

Bromoform

Concen: 51.071 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU050436.D

Acq: 24 Aug 2022 19:58

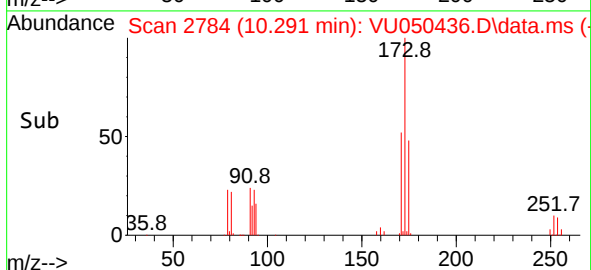
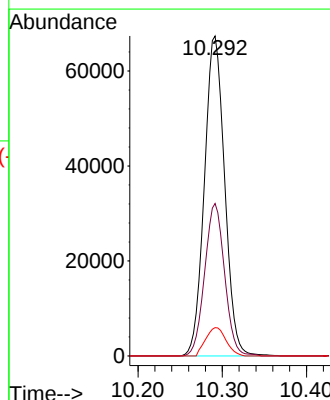
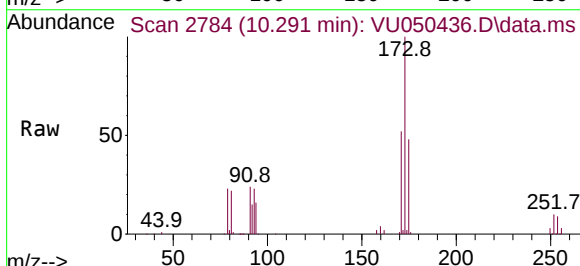
Tgt Ion:173 Resp: 112926

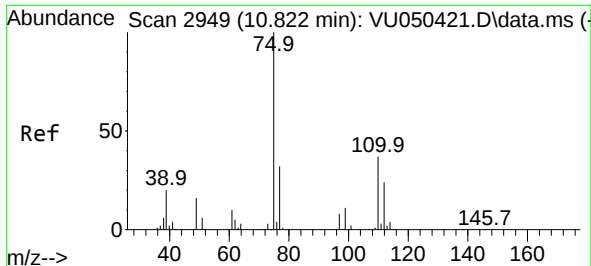
Ion Ratio Lower Upper

173 100

175 46.8 38.4 57.6

254 8.9 7.1 10.7

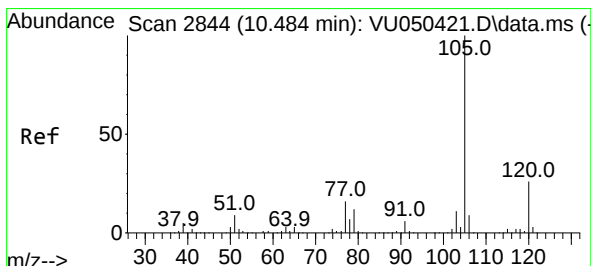
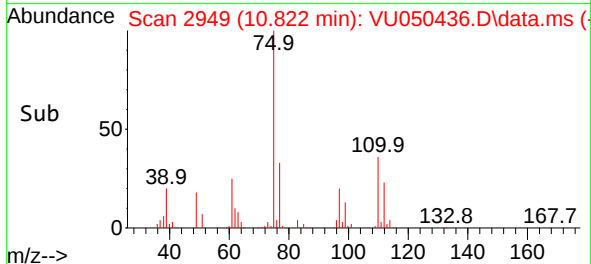
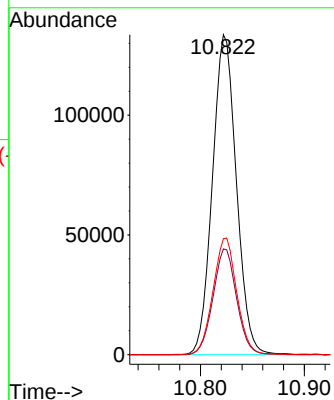
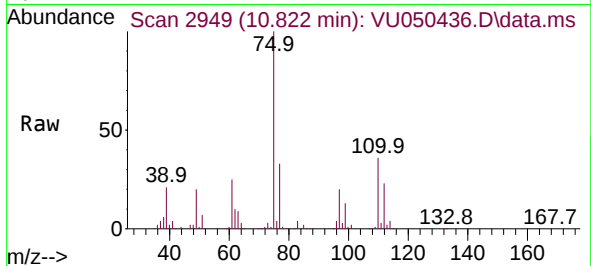




#60
1,2,3-Trichloropropane
Concen: 53.757 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU050436.D
Acq: 24 Aug 2022 19:58

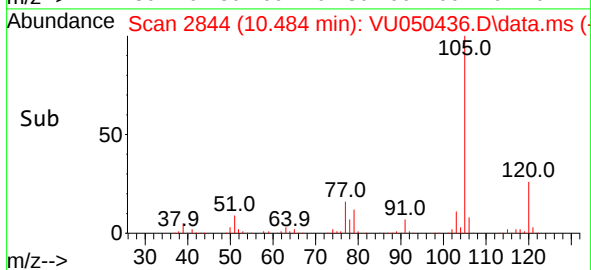
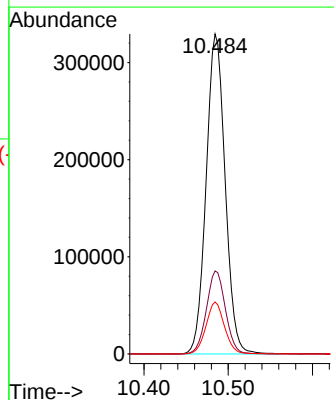
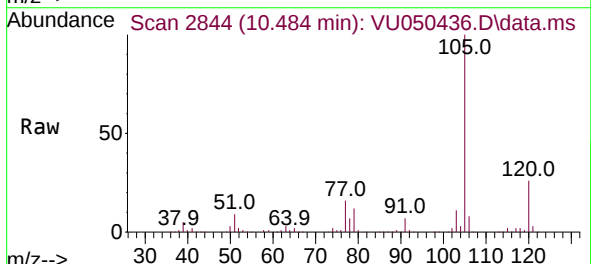
Instrument :
MSVOA_U
ClientSampleId :
VSTD050175

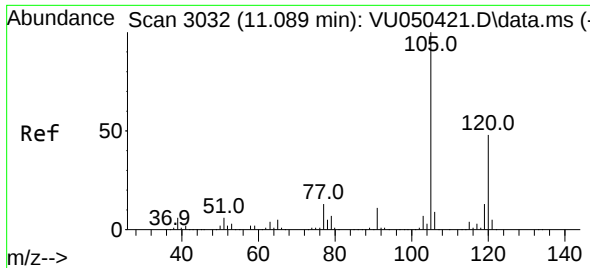
Tgt Ion: 75 Resp: 213900
Ion Ratio Lower Upper
75 100
77 32.7 25.7 38.5
110 36.2 29.0 43.4



#61
Isopropylbenzene
Concen: 54.164 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU050436.D
Acq: 24 Aug 2022 19:58

Tgt Ion: 105 Resp: 517297
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 15.9 12.5 18.7

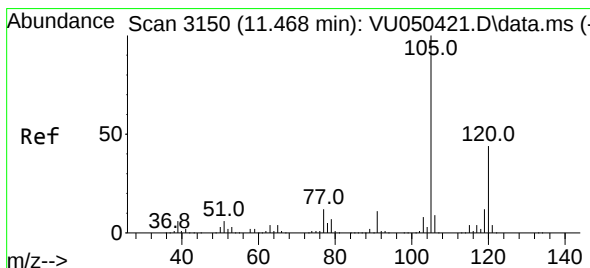
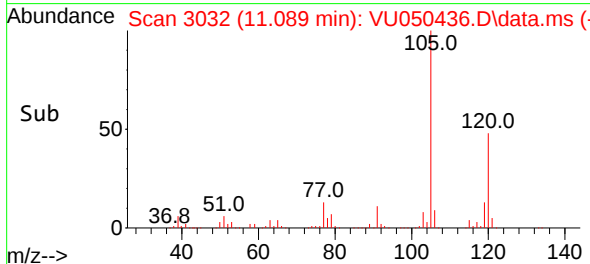
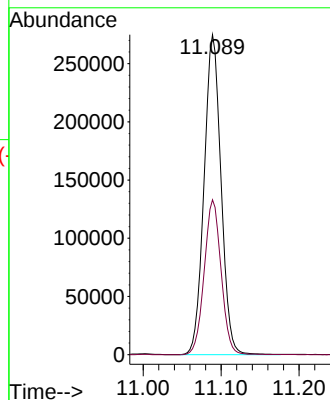
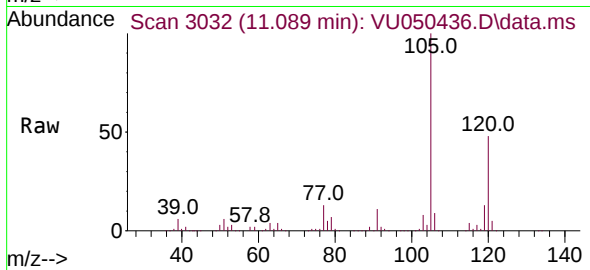




#62
 1,3,5-Trimethylbenzene
 Concen: 53.876 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU050436.D
 Acq: 24 Aug 2022 19:58

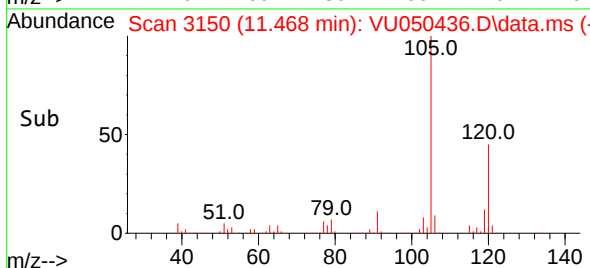
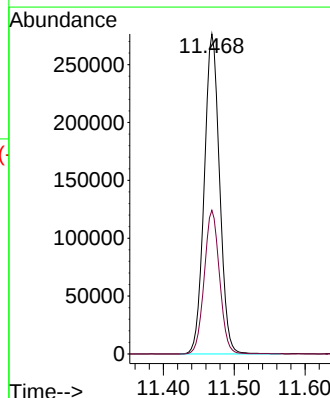
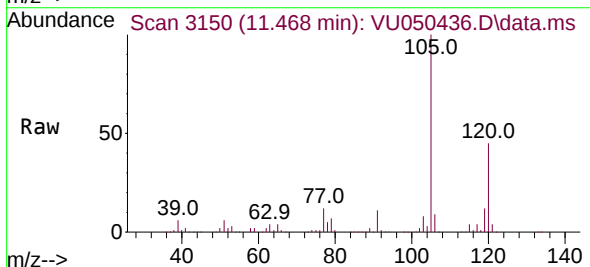
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050175

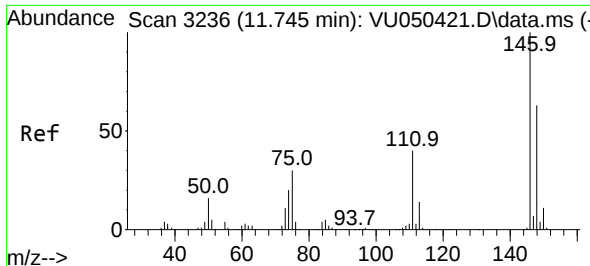
Tgt Ion:105 Resp: 415469
 Ion Ratio Lower Upper
 105 100
 120 48.0 38.1 57.1



#63
 1,2,4-Trimethylbenzene
 Concen: 55.292 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU050436.D
 Acq: 24 Aug 2022 19:58

Tgt Ion:105 Resp: 415875
 Ion Ratio Lower Upper
 105 100
 120 44.6 35.3 52.9

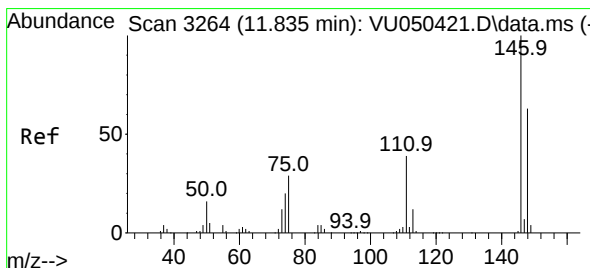
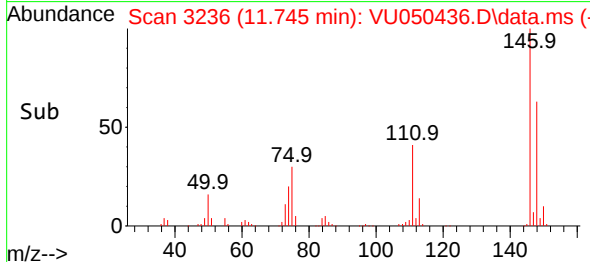
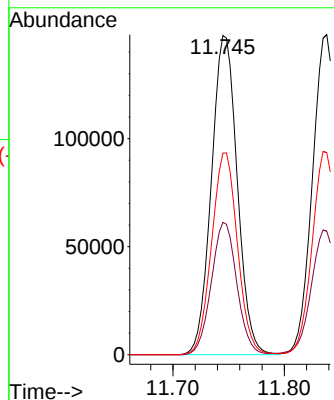
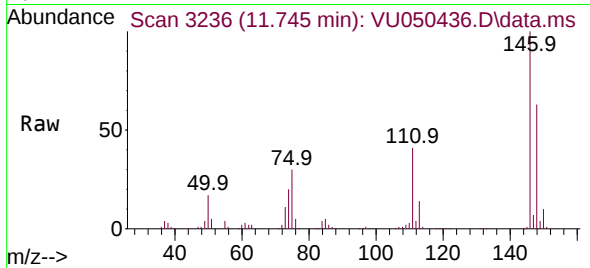




#64
1,3-Dichlorobenzene
Concen: 51.059 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU050436.D
Acq: 24 Aug 2022 19:58

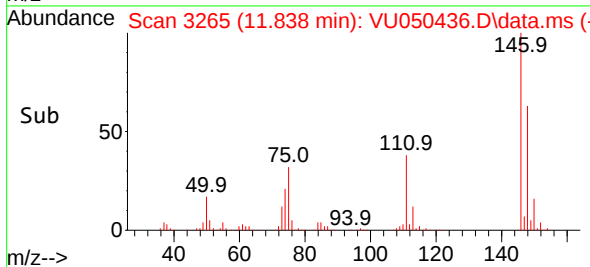
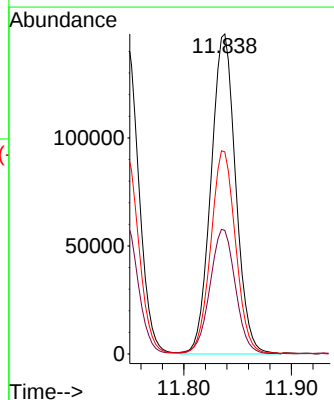
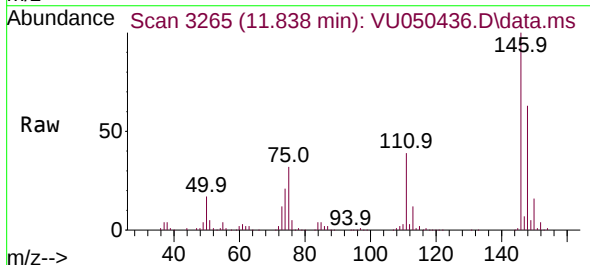
Instrument :
MSVOA_U
ClientSampleId :
VSTD050175

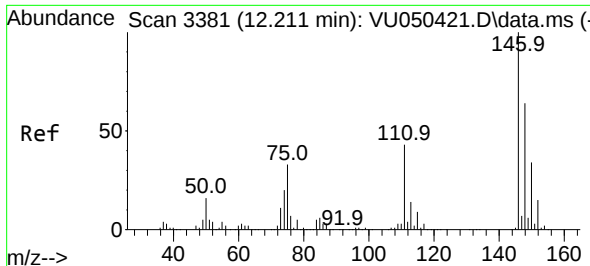
Tgt Ion:146 Resp: 238435
Ion Ratio Lower Upper
146 100
111 41.5 28.1 52.1
148 63.2 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 50.282 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU050436.D
Acq: 24 Aug 2022 19:58

Tgt Ion:146 Resp: 236467
Ion Ratio Lower Upper
146 100
111 38.6 27.6 51.2
148 63.2 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 52.818 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU050436.D

Acq: 24 Aug 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD050175

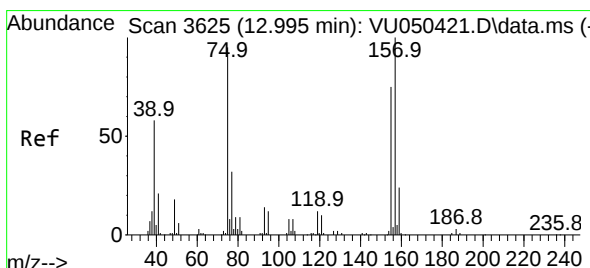
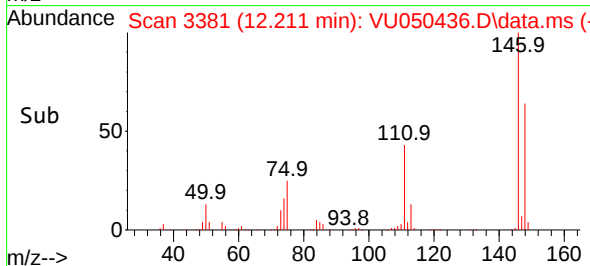
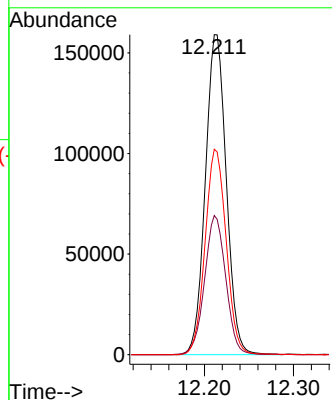
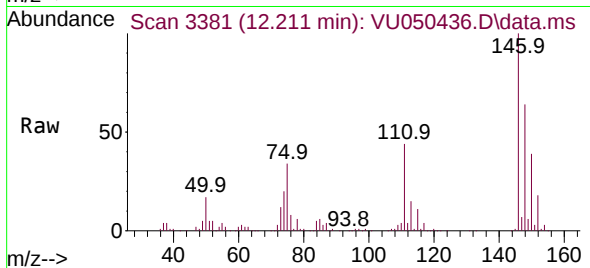
Tgt Ion:146 Resp: 259373

Ion Ratio Lower Upper

146 100

111 43.5 34.1 51.1

148 64.2 51.0 76.6



#68

1,2-Dibromo-3-chloropropane

Concen: 51.928 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU050436.D

Acq: 24 Aug 2022 19:58

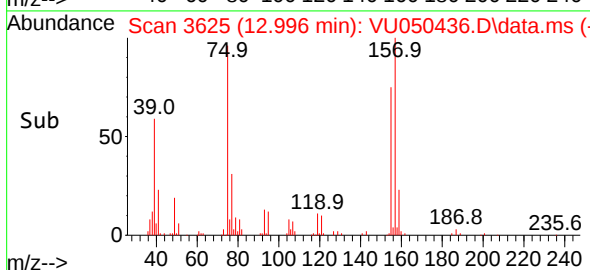
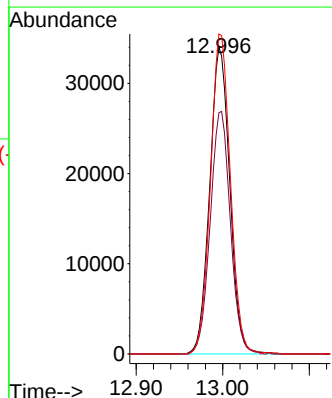
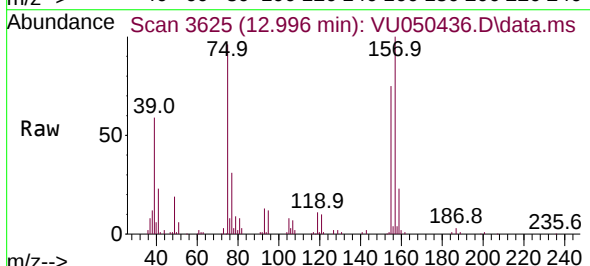
Tgt Ion: 75 Resp: 54914

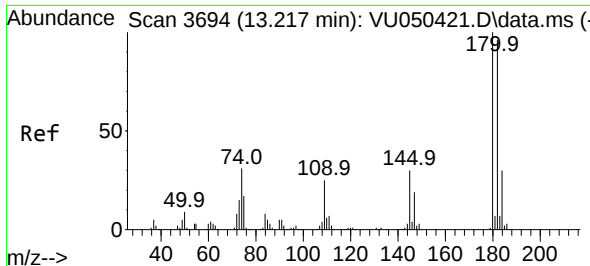
Ion Ratio Lower Upper

75 100

155 78.7 63.1 94.7

157 104.3 84.2 126.2

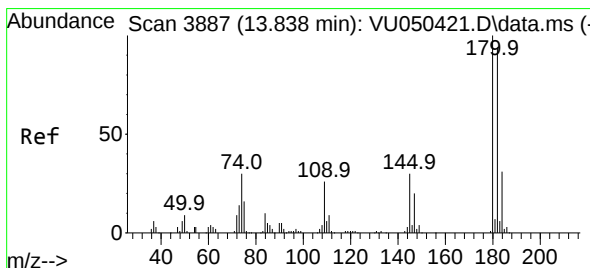
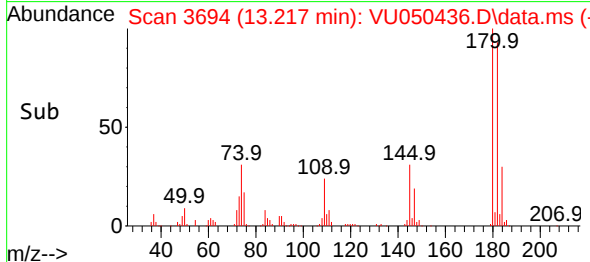
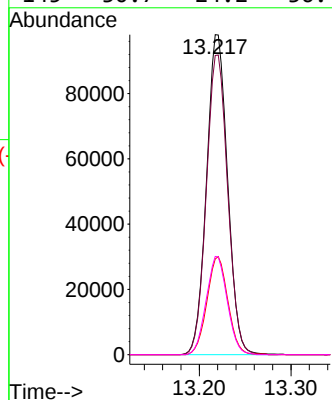
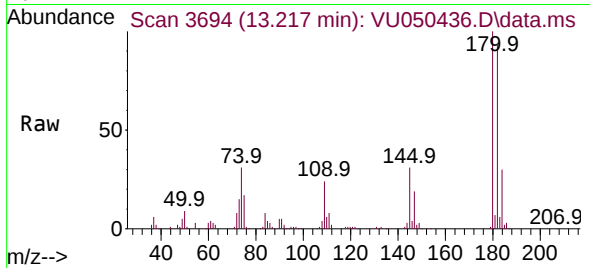




#69
 1,3,5-Trichlorobenzene
 Concen: 48.581 ug/L
 RT: 13.217 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VU050436.D
 Acq: 24 Aug 2022 19:58

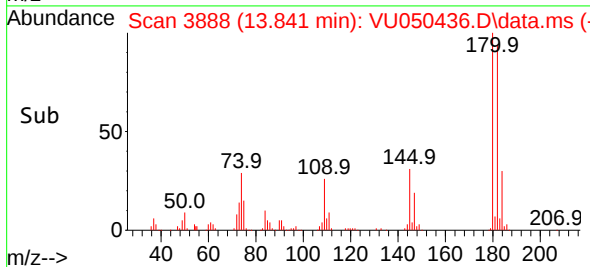
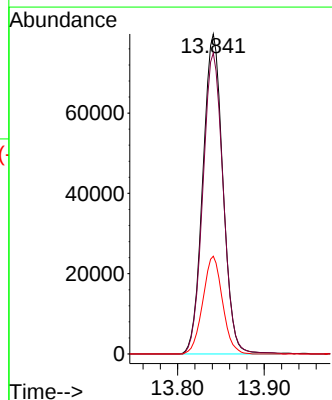
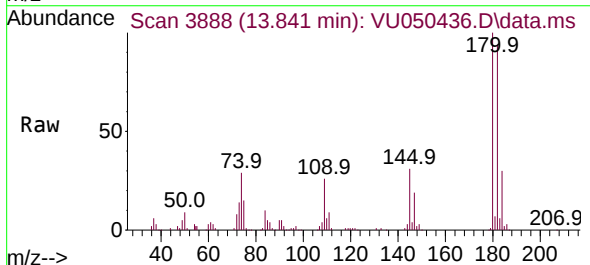
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050175

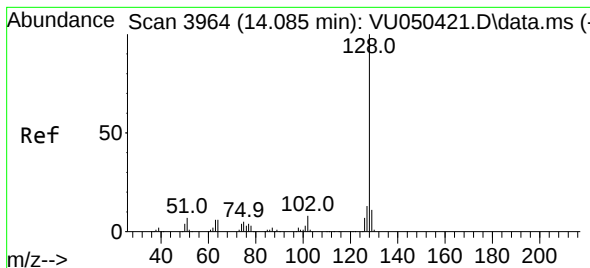
Tgt Ion:	180	Resp:	156381
Ion Ratio	Lower	Upper	
180	100		
182	95.0	77.0	115.6
184	30.5	24.1	36.1
145	30.7	24.2	36.4



#70
 1,2,4-trichlorobenzene
 Concen: 49.770 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU050436.D
 Acq: 24 Aug 2022 19:58

Tgt Ion:	180	Resp:	128304
Ion Ratio	Lower	Upper	
180	100		
182	94.8	75.4	113.2
145	29.9	23.9	35.9





#71

Naphthalene

Concen: 54.290 ug/L

RT: 14.089 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VU050436.D

Acq: 24 Aug 2022 19:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD050175

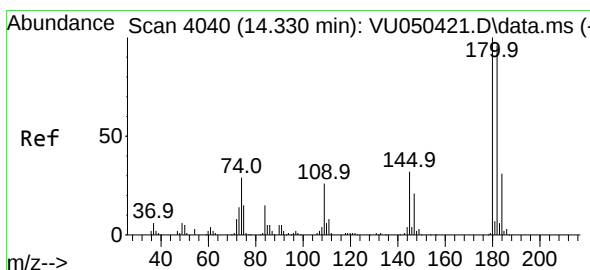
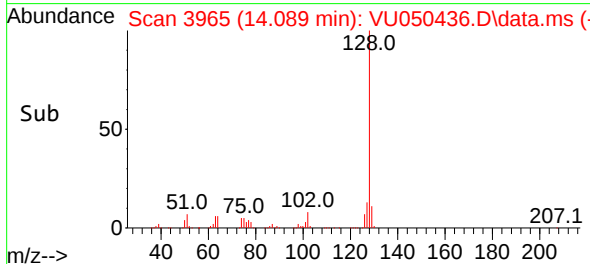
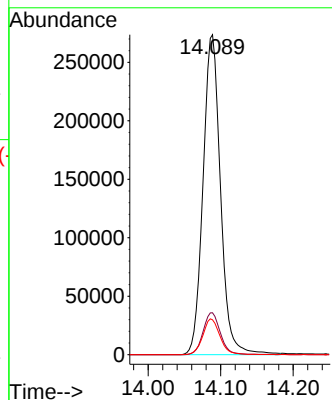
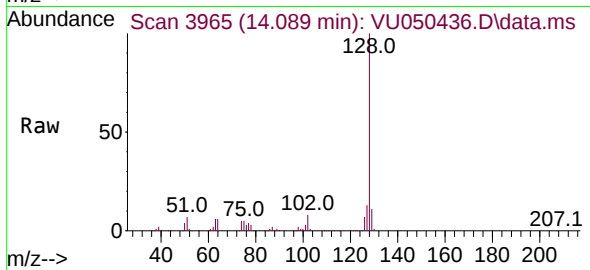
Tgt Ion:128 Resp: 459105

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 51.907 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU050436.D

Acq: 24 Aug 2022 19:58

Tgt Ion:180 Resp: 146248

Ion Ratio Lower Upper

180 100

182 94.7 76.8 115.2

145 32.5 26.5 39.7

