

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092921\
 Data File : VW022395.D
 Acq On : 29 Sep 2021 22:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050350

Quant Time: Sep 30 05:32:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 30 05:14:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	253298	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	245873	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	130105	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	88048	40.960	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.920%
7) Chloroethane-d5	1.564	69	74734	43.955	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.920%
11) 1,1-Dichloroethene-d2	2.105	63	166583	44.572	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.140%
21) 2-Butanone-d5	3.902	46	168345	110.967	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.970%
24) Chloroform-d	4.349	84	185988	47.915	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.840%
26) 1,2-Dichloroethane-d4	5.034	65	110359	46.363	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.720%
32) Benzene-d6	5.050	84	366306	47.357	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.720%
36) 1,2-Dichloropropane-d6	6.069	67	117432	47.456	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.920%
41) Toluene-d8	7.317	98	343558	48.527	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.060%
43) trans-1,3-Dichloroprop...	7.622	79	52645	46.590	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.180%
47) 2-Hexanone-d5	8.091	63	114253	113.628	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.630%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	178837	49.786	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.580%
66) 1,2-Dichlorobenzene-d4	11.625	152	141250	48.824	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	119045	49.316	ug/L	100
3) Chloromethane	1.240	50	118170	47.868	ug/L	100
5) Vinyl chloride	1.307	62	115294	50.042	ug/L	98
6) Bromomethane	1.519	94	74046	50.068	ug/L	99
8) Chloroethane	1.584	64	68347	48.652	ug/L	99
9) Trichlorofluoromethane	1.751	101	156714	50.100	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	86236	49.170	ug/L	99
12) 1,1-Dichloroethene	2.114	96	84410	50.664	ug/L	88
13) Acetone	2.195	43	105626	88.710	ug/L	99
14) Carbon disulfide	2.291	76	255240	49.097	ug/L	100
15) Methyl Acetate	2.439	43	120722	54.396	ug/L	100
16) Methylene chloride	2.503	84	108734	46.828	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	94839	49.358	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	298779	52.290	ug/L	100
19) 1,1-Dichloroethane	3.188	63	173266	49.958	ug/L	97
20) cis-1,2-Dichloroethene	3.912	96	102759	50.214	ug/L	96
22) 2-Butanone	3.986	43	159421	101.780	ug/L	95
23) Bromochloromethane	4.249	128	57451	51.784	ug/L	96
25) Chloroform	4.375	83	175075	49.003	ug/L	97

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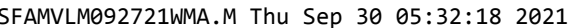
Instrument :
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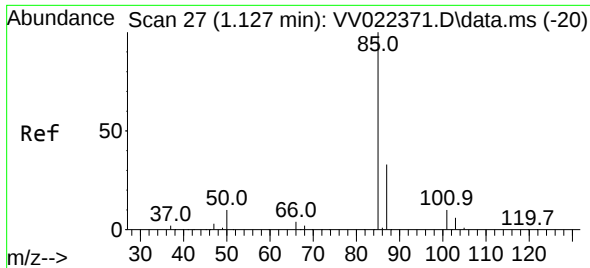
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 Quant Title : VOC Analysis
 QLast Update : Thu Sep 30 05:14:53 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	125123	49.250	ug/L	100
29) Cyclohexane	4.677	56	148209	51.442	ug/L	98
30) 1,1,1-Trichloroethane	4.606	97	152939	51.824	ug/L	100
31) Carbon tetrachloride	4.828	117	131630	50.646	ug/L	99
33) Benzene	5.098	78	393510	52.444	ug/L	100
34) Trichloroethene	5.915	95	98650	51.124	ug/L	99
35) Methylcyclohexane	6.130	83	151905	51.101	ug/L	99
37) 1,2-Dichloropropane	6.175	63	105228	54.644	ug/L	100
38) Bromodichloromethane	6.513	83	127204	51.663	ug/L	95
39) cis-1,3-Dichloropropene	7.027	75	142694	50.344	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	297276	109.709	ug/L	99
42) Toluene	7.387	91	428002	53.438	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	138860	51.311	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	103544	52.833	ug/L	99
46) Tetrachloroethene	7.976	164	84269	53.039	ug/L	97
48) 2-Hexanone	8.143	43	233142	113.295	ug/L	99
49) Dibromochloromethane	8.246	129	110998	53.523	ug/L	97
50) 1,2-Dibromoethane	8.352	107	110264	52.635	ug/L	98
51) Chlorobenzene	8.882	112	270303	51.299	ug/L	99
52) Ethylbenzene	9.014	91	440504	52.509	ug/L	100
53) m,p-Xylene	9.140	106	172922	53.524	ug/L	99
54) o-Xylene	9.545	106	171046	54.487	ug/L	99
55) Styrene	9.561	104	298125	54.624	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	166024	51.179	ug/L	98
59) Bromoform	9.734	173	79115	54.202	ug/L	99
60) Isopropylbenzene	9.934	105	439251	54.810	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	128652	53.002	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	363475	55.036	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	369530	55.447	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	213212	52.481	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	215368	52.046	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	220767	53.214	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	34121	53.236	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	147046	50.173	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	124997	50.406	ug/L	100
71) Naphthalene	13.503	128	444628	58.518	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	140602	54.914	ug/L	99

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

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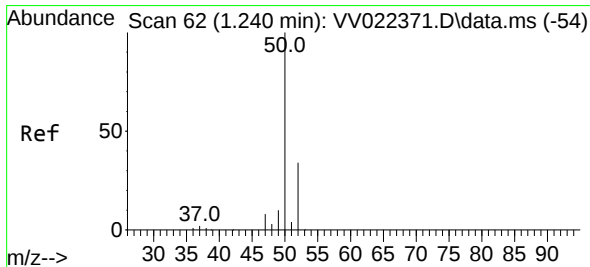
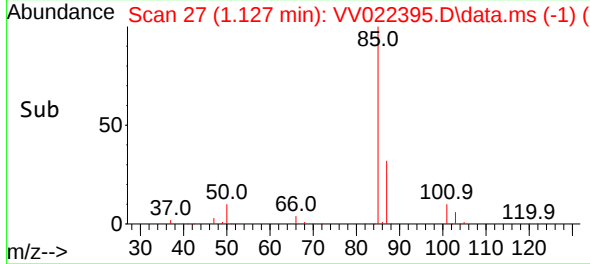
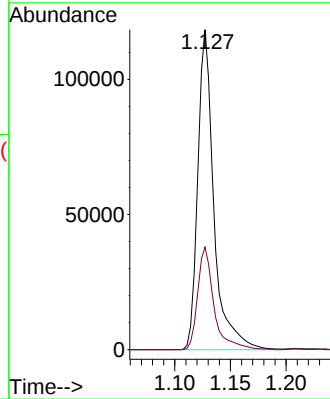
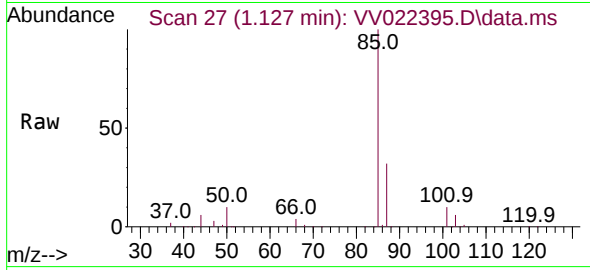




#2
 Dichlorodifluoromethane
 Concen: 49.316 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. 0.000 min
 Lab File: VV022395.D
 Acq: 29 Sep 2021 22:08

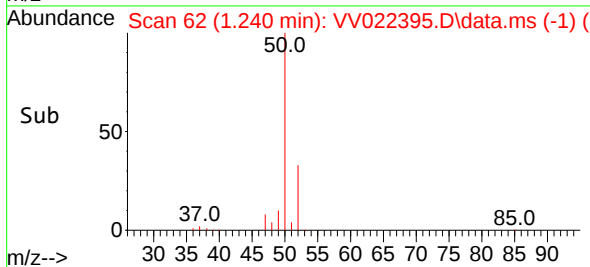
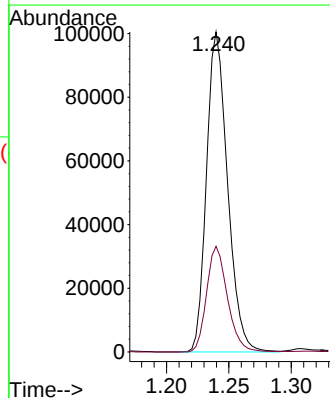
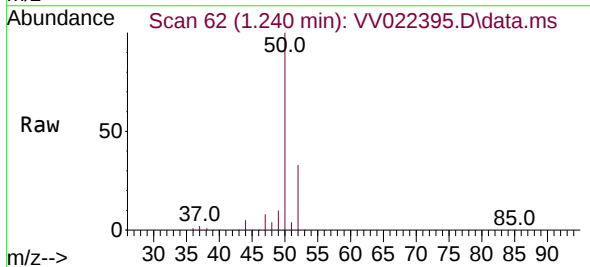
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050350

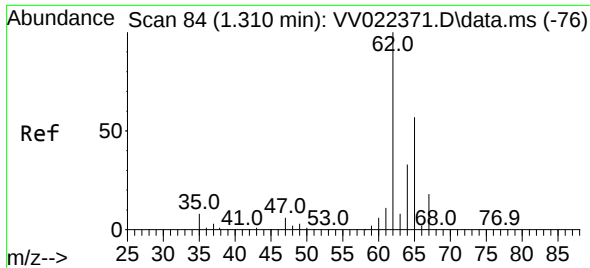
Tgt Ion: 85 Resp: 119045
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.2 39.2



#3
 Chloromethane
 Concen: 47.868 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV022395.D
 Acq: 29 Sep 2021 22:08

Tgt Ion: 50 Resp: 118170
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.0 42.6

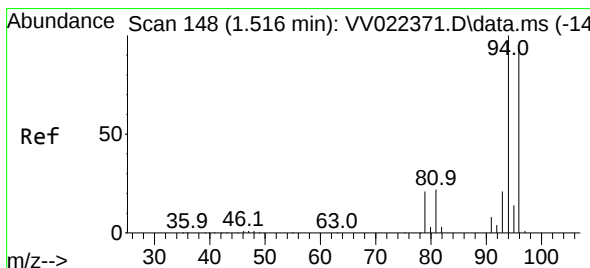
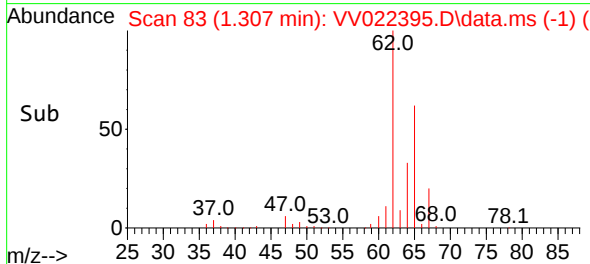
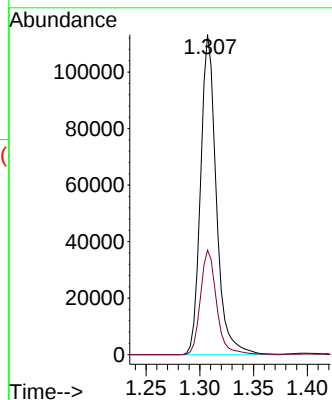
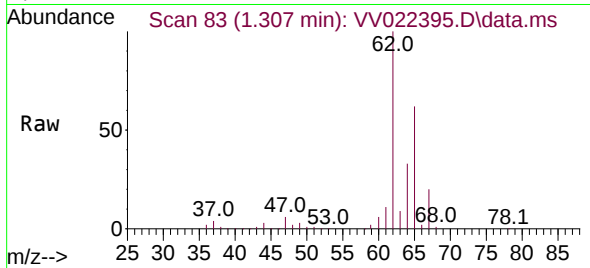




#5
 Vinyl chloride
 Concen: 50.042 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV022395.D
 Acq: 29 Sep 2021 22:08

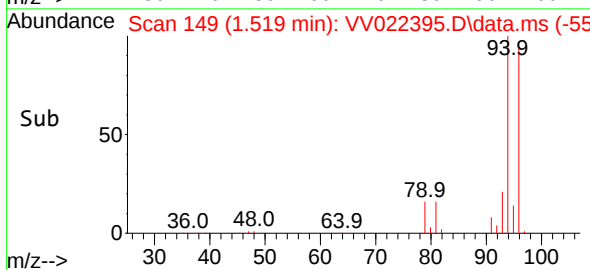
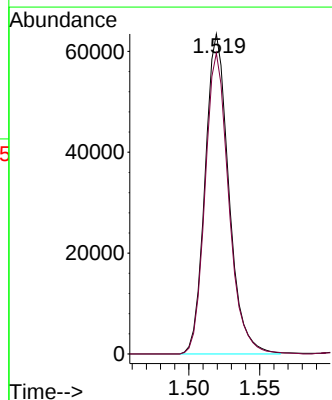
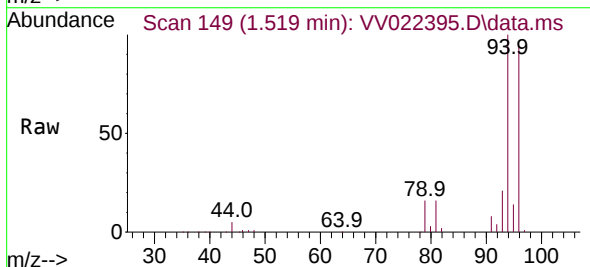
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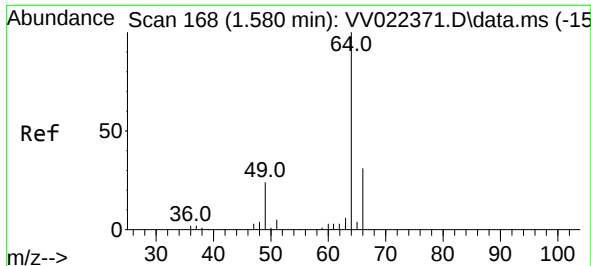
Tgt Ion: 62 Resp: 115294
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.4 43.6



#6
 Bromomethane
 Concen: 50.068 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV022395.D
 Acq: 29 Sep 2021 22:08

Tgt Ion: 94 Resp: 74046
 Ion Ratio Lower Upper
 94 100
 96 94.0 66.1 122.8

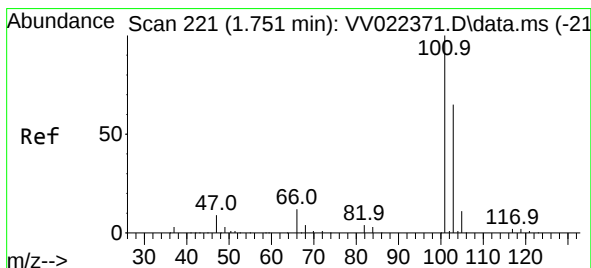
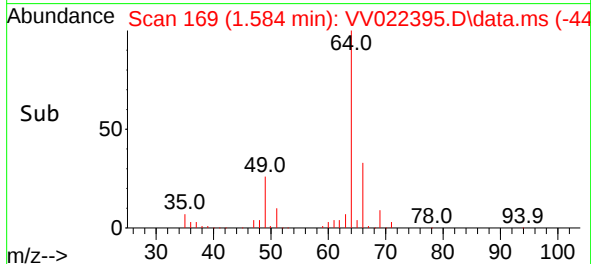
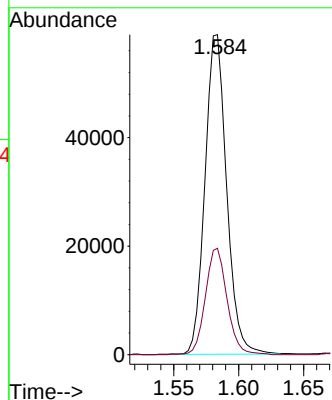
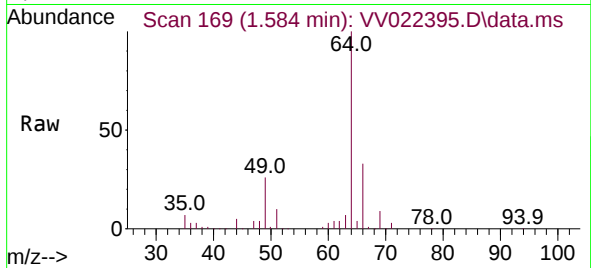




#8
Chloroethane
Concen: 48.652 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.003 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

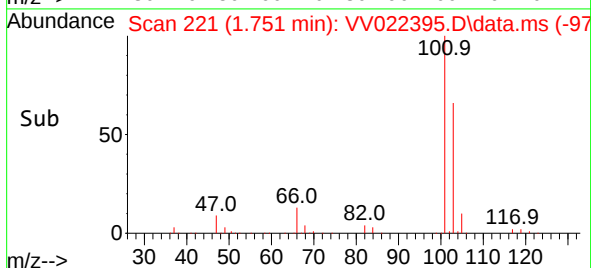
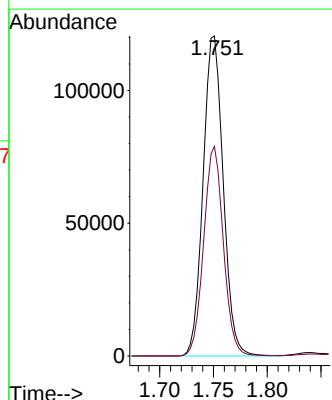
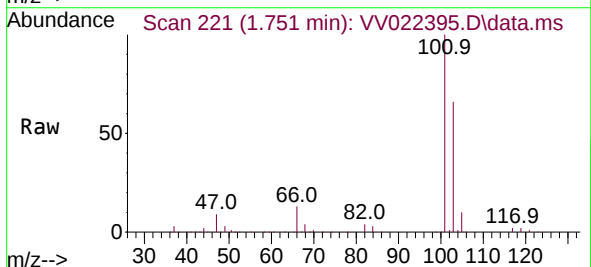
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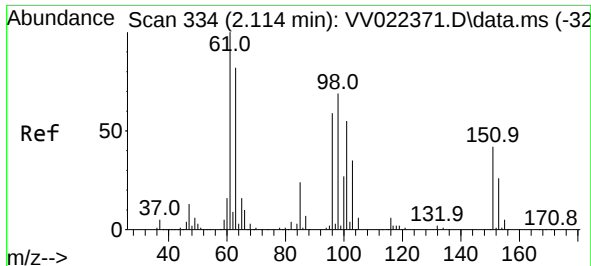
Tgt Ion: 64 Resp: 68347
Ion Ratio Lower Upper
64 100
66 33.3 23.0 42.8



#9
Trichlorofluoromethane
Concen: 50.100 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

Tgt Ion:101 Resp: 156714
Ion Ratio Lower Upper
101 100
103 64.1 51.5 77.3

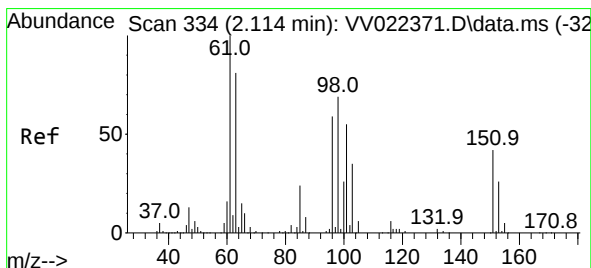
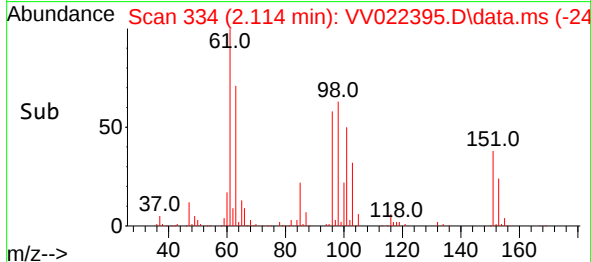
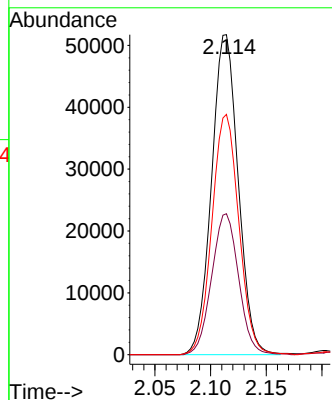
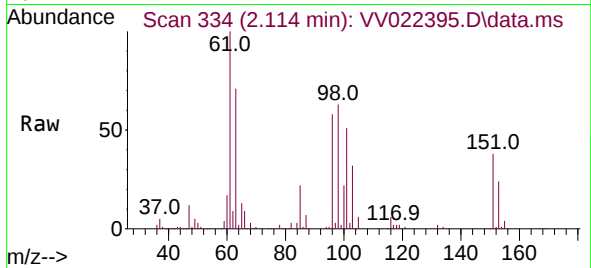




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.170 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV022395.D
 Acq: 29 Sep 2021 22:08

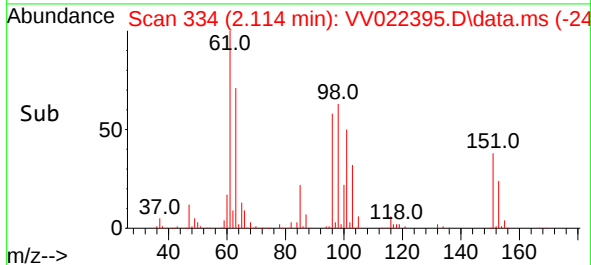
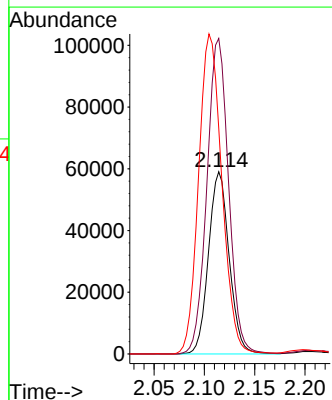
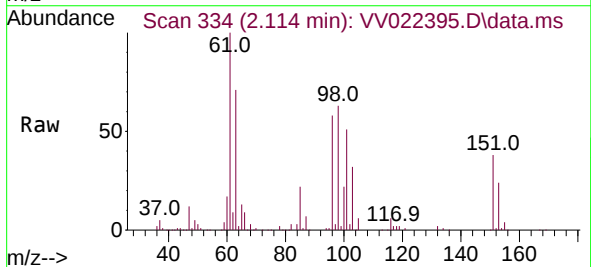
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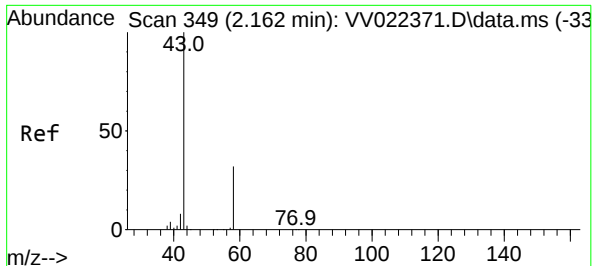
Tgt Ion:101 Resp: 86236
 Ion Ratio Lower Upper
 101 100
 85 44.4 35.5 53.3
 151 75.9 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 50.664 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV022395.D
 Acq: 29 Sep 2021 22:08

Tgt Ion: 96 Resp: 84410
 Ion Ratio Lower Upper
 96 100
 61 173.2 124.4 231.0
 63 123.8 106.0 196.8

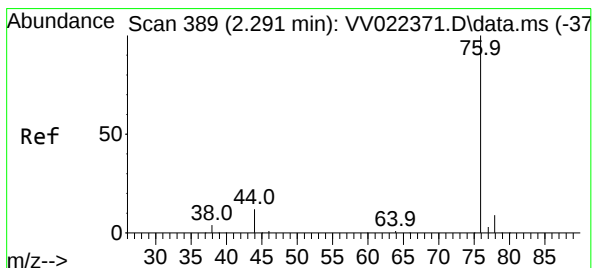
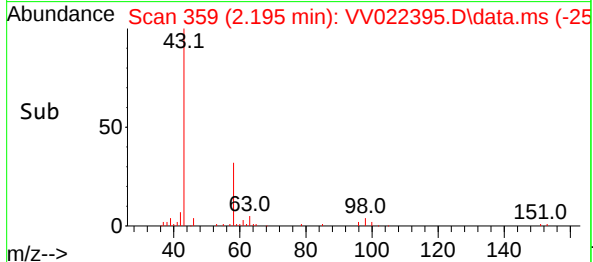
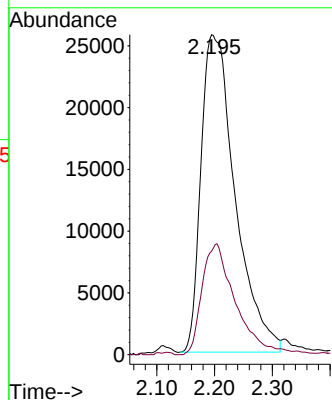
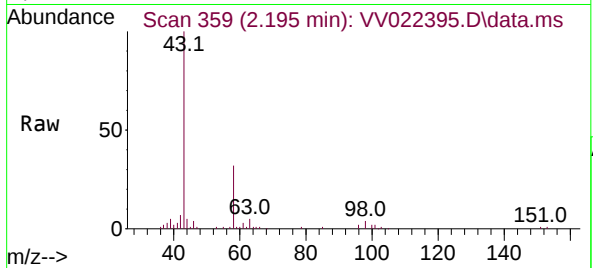




#13
Acetone
Concen: 88.710 ug/L
RT: 2.195 min Scan# 359
Delta R.T. 0.032 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

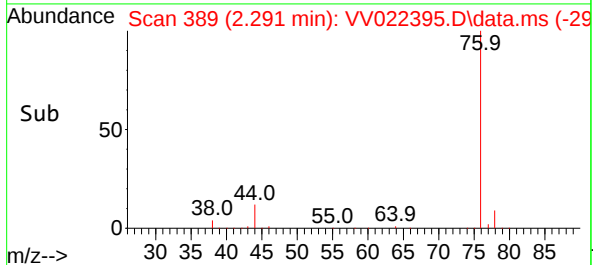
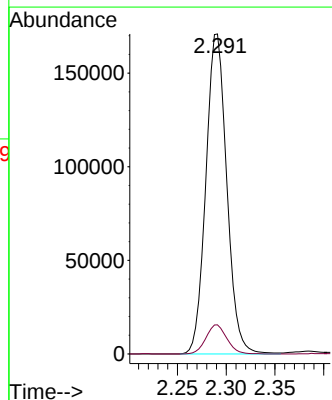
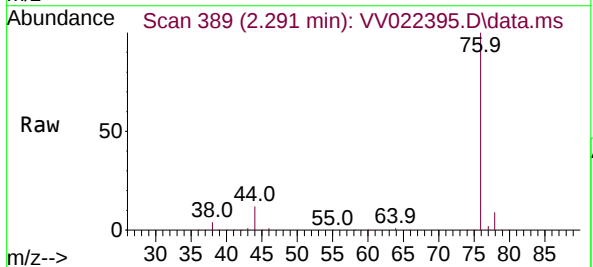
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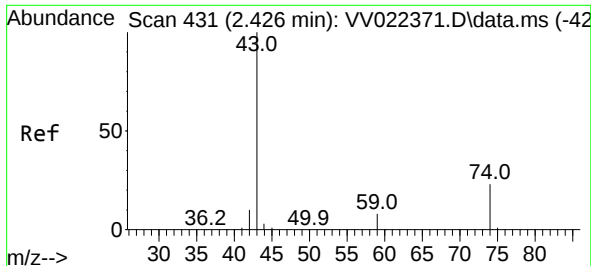
Tgt Ion: 43 Resp: 105626
Ion Ratio Lower Upper
43 100
58 33.1 0.0 67.2



#14
Carbon disulfide
Concen: 49.097 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

Tgt Ion: 76 Resp: 255240
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

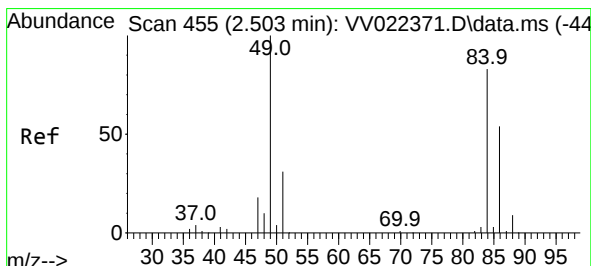
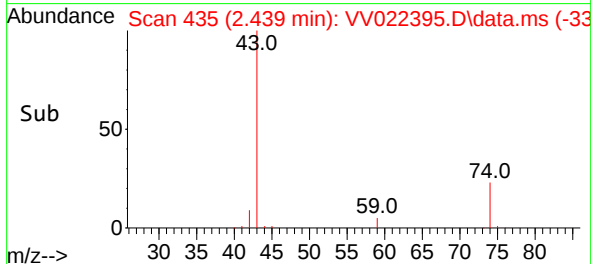
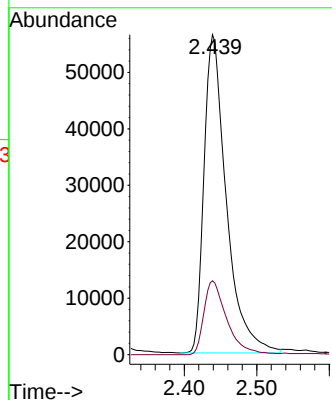
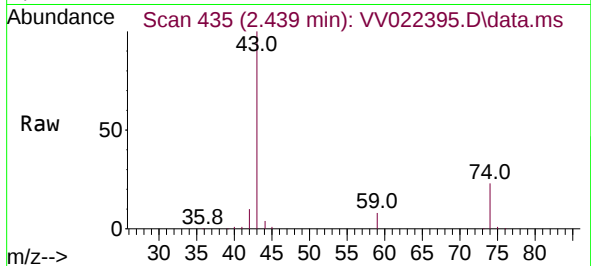




#15
Methyl Acetate
Concen: 54.396 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.013 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

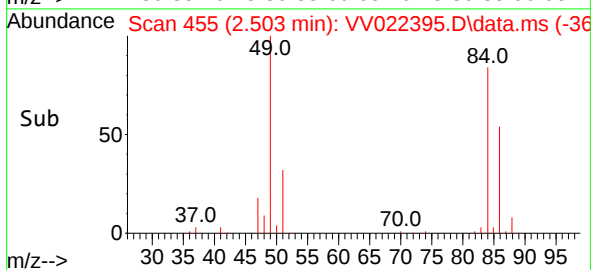
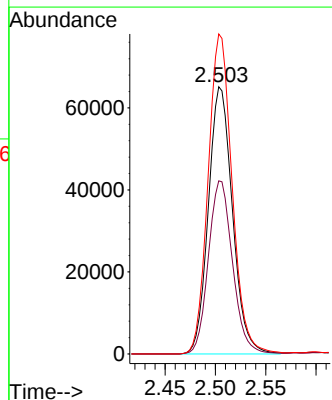
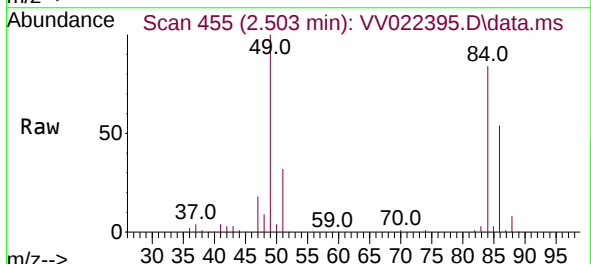
Instrument :
MSVOA_V
ClientSampleId :
VSTD050350

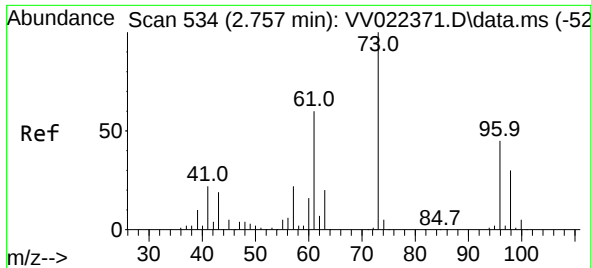
Tgt Ion: 43 Resp: 120722
Ion Ratio Lower Upper
43 100
74 23.8 19.0 28.6



#16
Methylene chloride
Concen: 46.828 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

Tgt Ion: 84 Resp: 108734
Ion Ratio Lower Upper
84 100
86 64.8 44.6 82.8
49 119.7 85.3 158.3

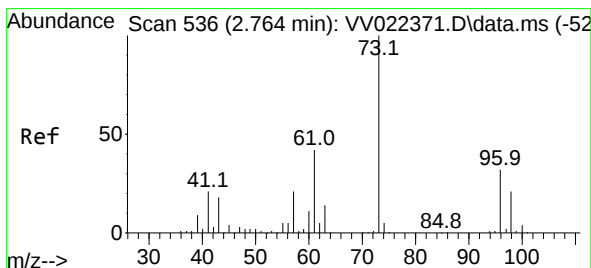
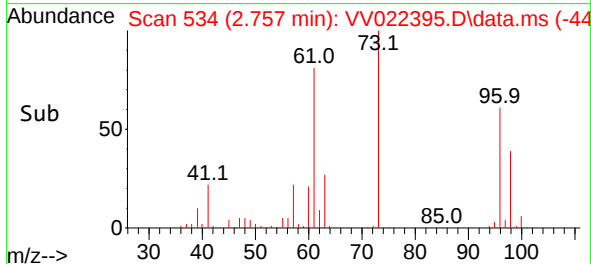
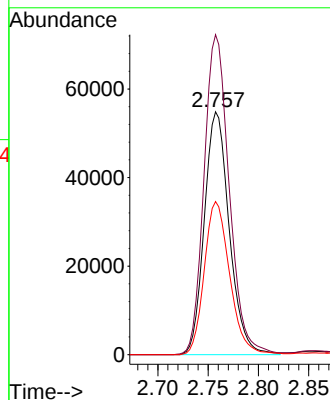
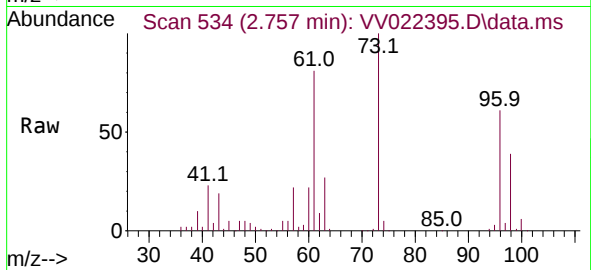




#17
trans-1,2-Dichloroethene
Concen: 49.358 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

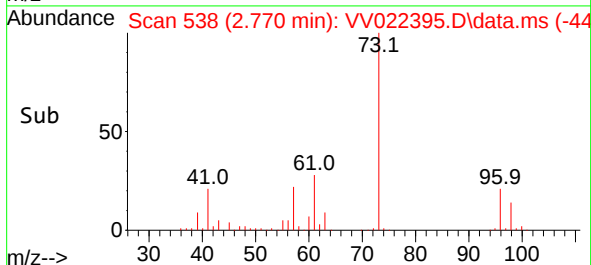
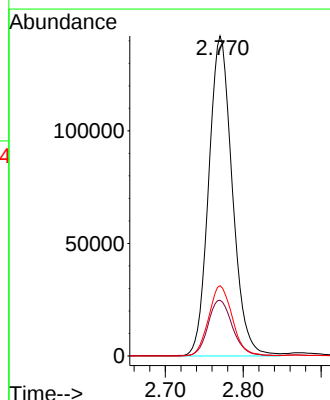
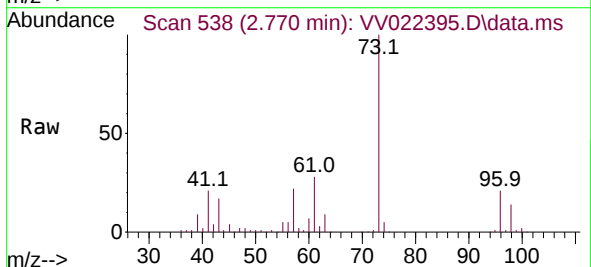
Instrument :
MSVOA_V
ClientSampleId :
VSTD050350

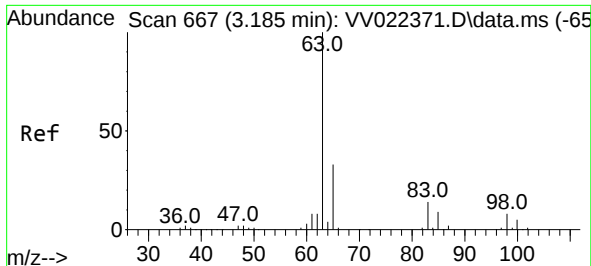
Tgt Ion: 96 Resp: 94839
Ion Ratio Lower Upper
96 100
61 131.8 92.7 172.1
98 63.1 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 52.290 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

Tgt Ion: 73 Resp: 298779
Ion Ratio Lower Upper
73 100
43 18.0 14.6 21.8
57 22.2 17.6 26.4





#19

1,1-Dichloroethane

Concen: 49.958 ug/L

RT: 3.188 min Scan# 668

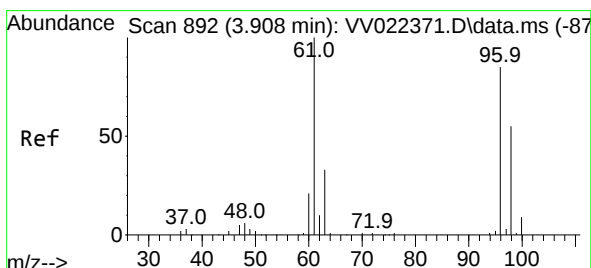
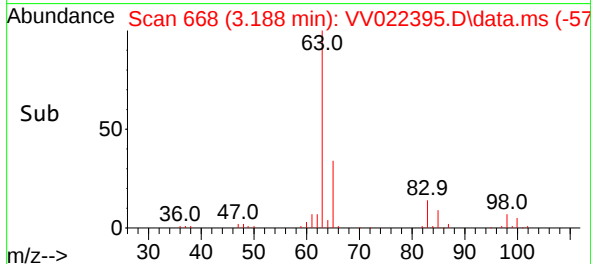
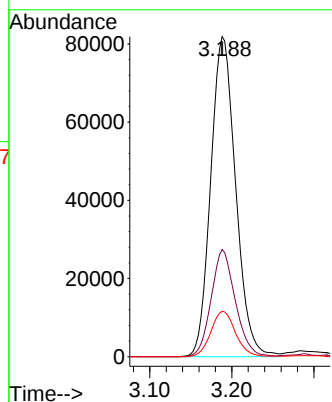
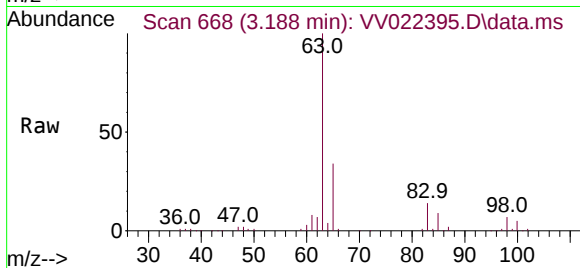
Delta R.T. 0.003 min

Lab File: VV022395.D

Acq: 29 Sep 2021 22:08

Tgt Ion: 63 Resp: 173266

Ion	Ratio	Lower	Upper
63	100		
65	33.5	22.3	41.3
83	14.2	9.4	17.4



#20

cis-1,2-Dichloroethene

Concen: 50.214 ug/L

RT: 3.912 min Scan# 893

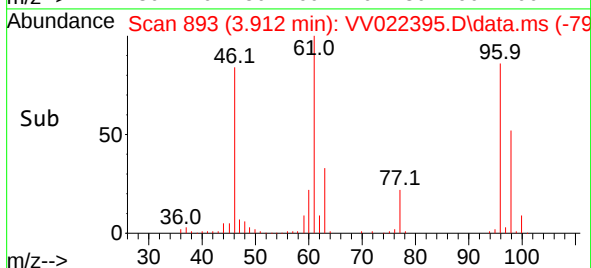
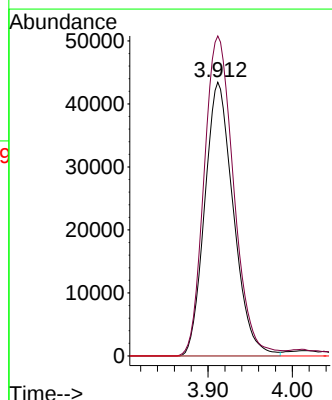
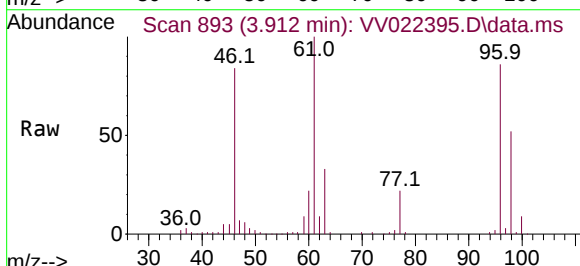
Delta R.T. 0.003 min

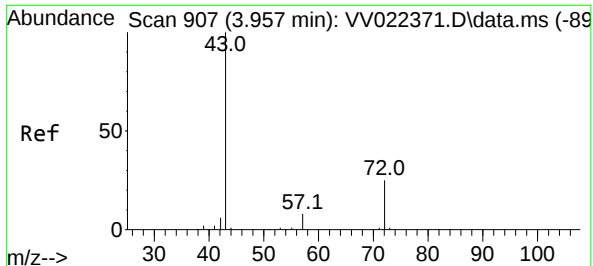
Lab File: VV022395.D

Acq: 29 Sep 2021 22:08

Tgt Ion: 96 Resp: 102759

Ion	Ratio	Lower	Upper
96	100		
61	116.9	84.6	157.0
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 101.780 ug/L

RT: 3.986 min Scan# 916

Delta R.T. 0.029 min

Lab File: VV022395.D

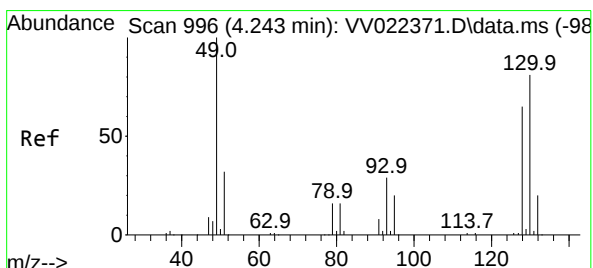
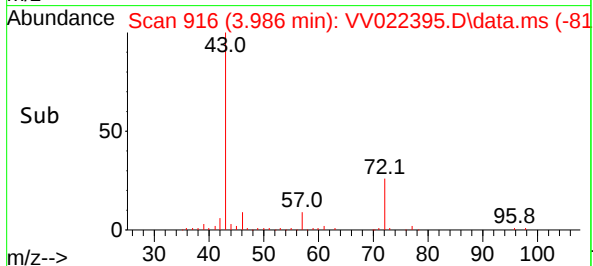
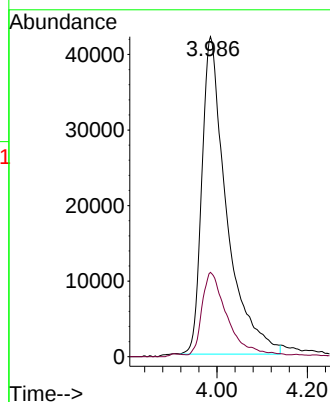
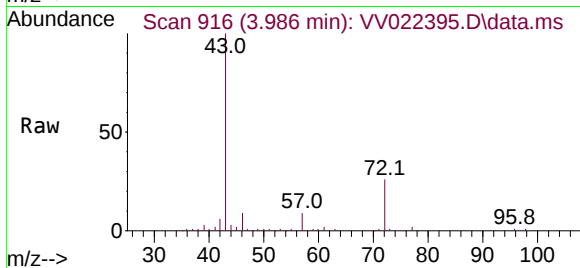
Acq: 29 Sep 2021 22:08

Tgt Ion: 43 Resp: 159421

Ion Ratio Lower Upper

43 100

72 24.7 13.8 41.4



#23

Bromochloromethane

Concen: 51.784 ug/L

RT: 4.249 min Scan# 998

Delta R.T. 0.006 min

Lab File: VV022395.D

Acq: 29 Sep 2021 22:08

Tgt Ion:128 Resp: 57451

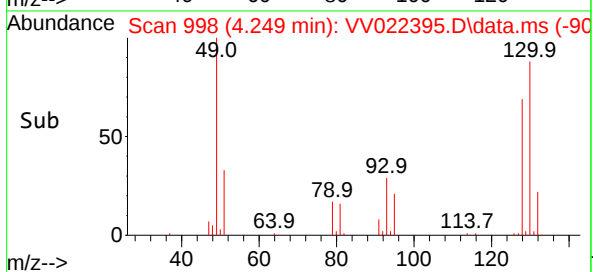
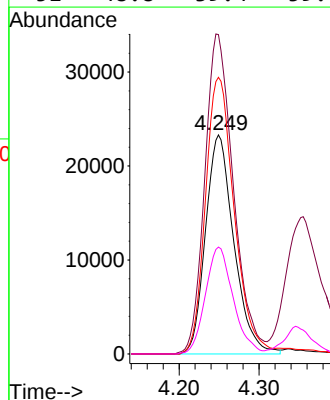
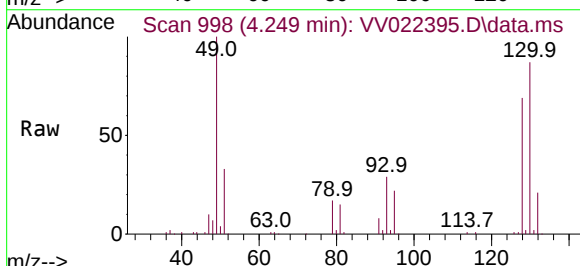
Ion Ratio Lower Upper

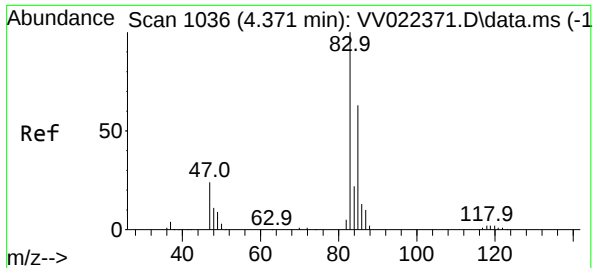
128 100

49 145.8 109.1 202.7

130 126.3 89.3 165.9

51 48.8 39.4 59.0

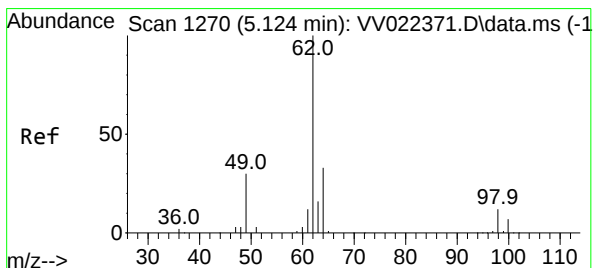
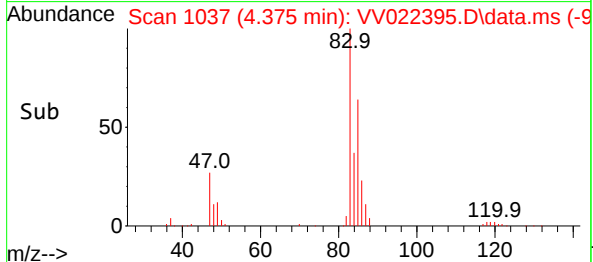
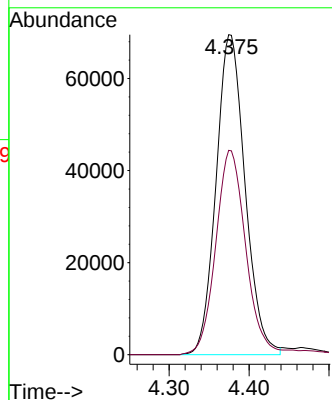
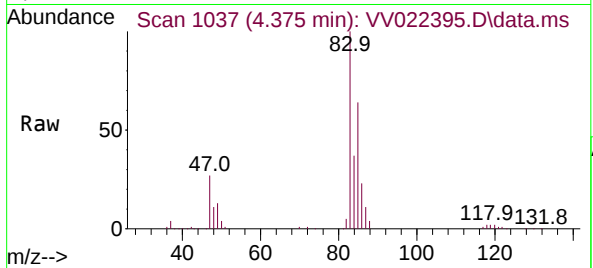




#25
Chloroform
Concen: 49.003 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

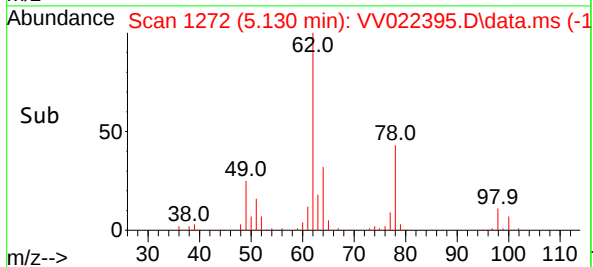
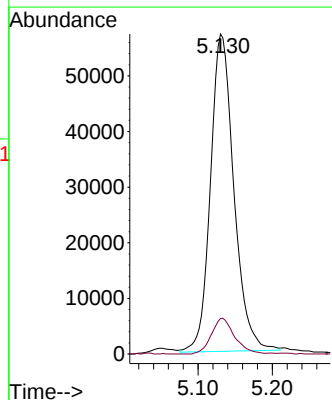
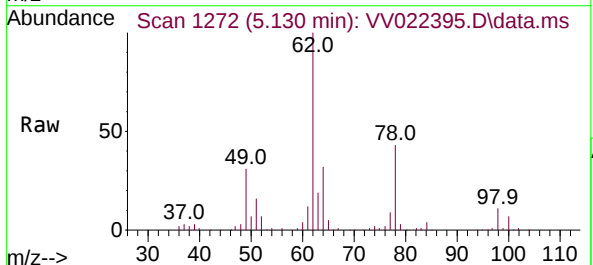
Instrument :
MSVOA_V
ClientSampleId :
VSTD050350

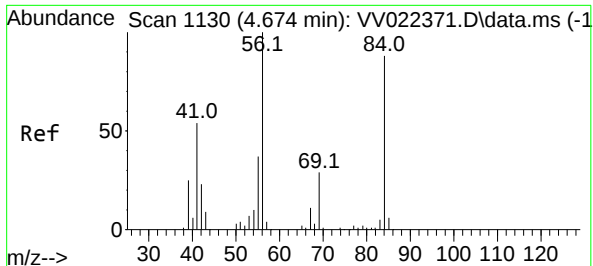
Tgt Ion: 83 Resp: 175075
Ion Ratio Lower Upper
83 100
85 63.9 46.5 86.3



#27
1,2-Dichloroethane
Concen: 49.250 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.006 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

Tgt Ion: 62 Resp: 125123
Ion Ratio Lower Upper
62 100
98 11.1 8.9 13.3





#29

Cyclohexane

Concen: 51.442 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV022395.D

Acq: 29 Sep 2021 22:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD050350

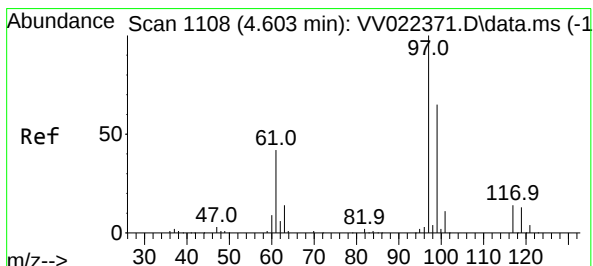
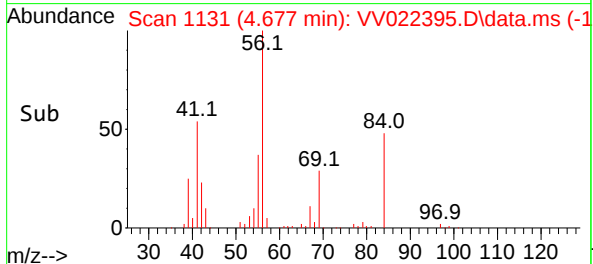
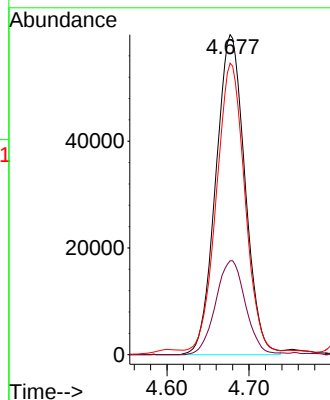
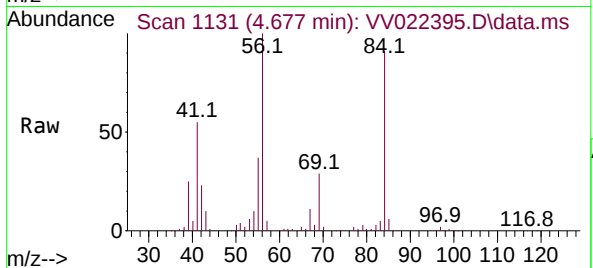
Tgt Ion: 56 Resp: 148209

Ion Ratio Lower Upper

56 100

69 30.0 24.6 37.0

84 87.2 71.8 107.8



#30

1,1,1-Trichloroethane

Concen: 51.824 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV022395.D

Acq: 29 Sep 2021 22:08

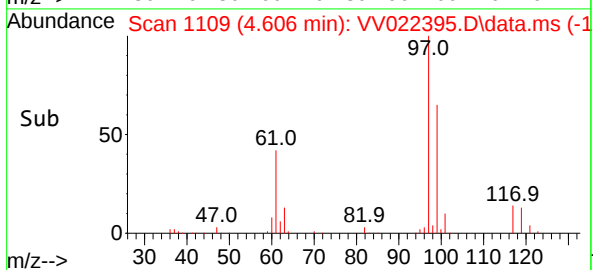
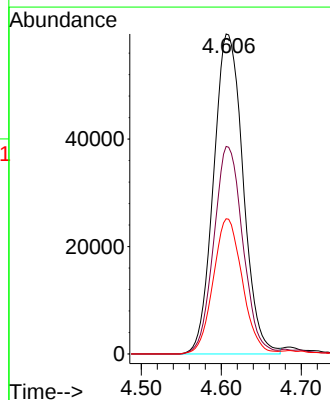
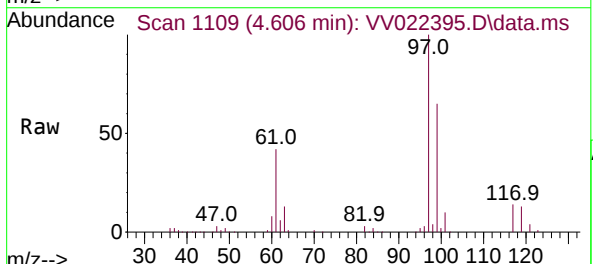
Tgt Ion: 97 Resp: 152939

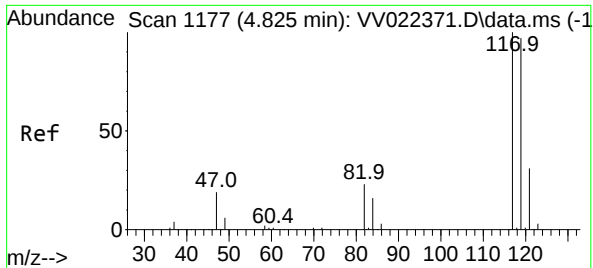
Ion Ratio Lower Upper

97 100

99 63.8 51.2 76.8

61 41.7 33.7 50.5

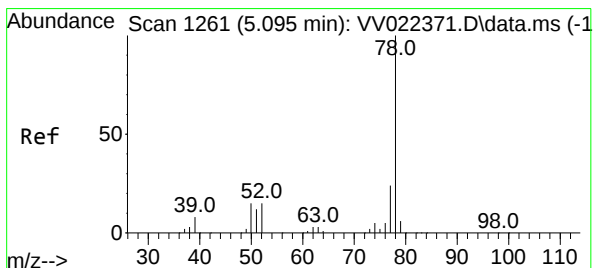
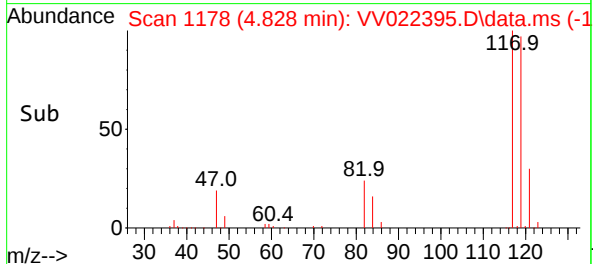
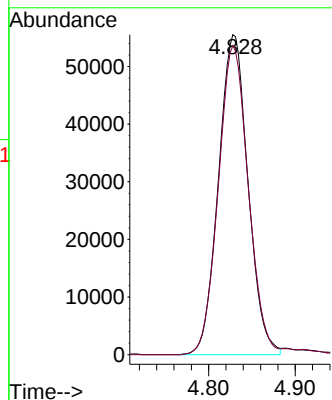
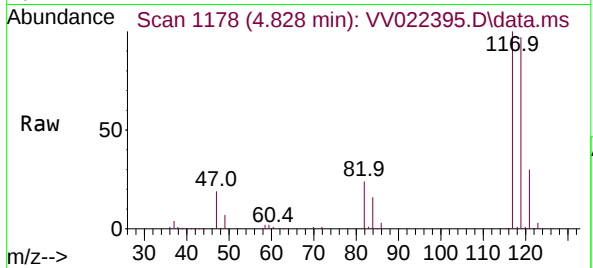




#31
Carbon tetrachloride
Concen: 50.646 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

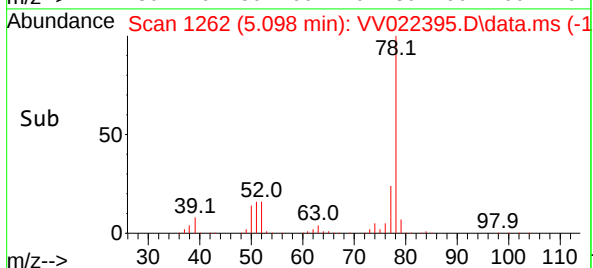
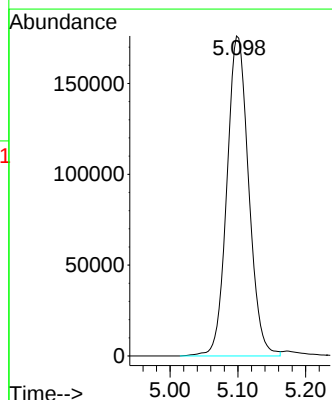
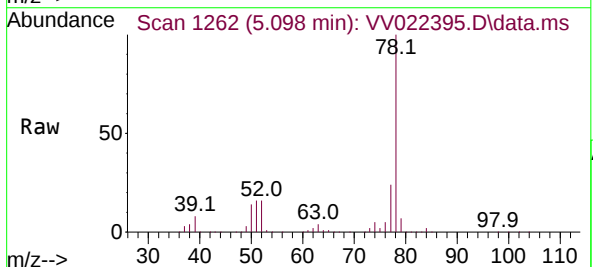
Instrument :
MSVOA_V
ClientSampleId :
VSTD050350

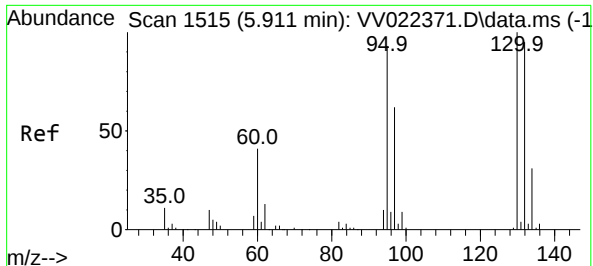
Tgt Ion:117 Resp: 131630
Ion Ratio Lower Upper
117 100
119 97.8 77.1 115.7



#33
Benzene
Concen: 52.444 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

Tgt Ion: 78 Resp: 393510

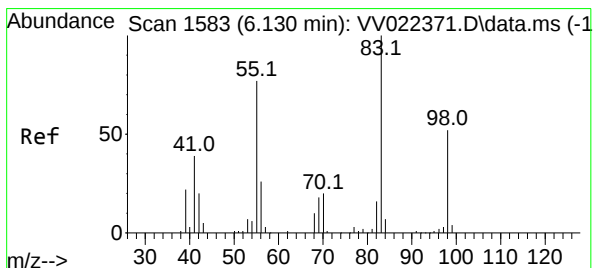
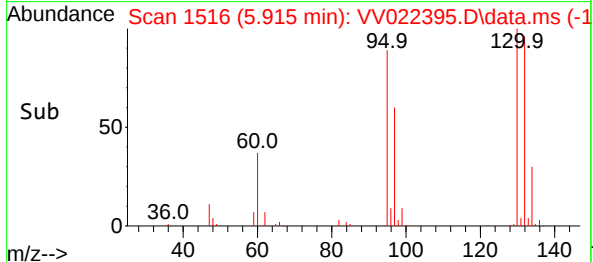
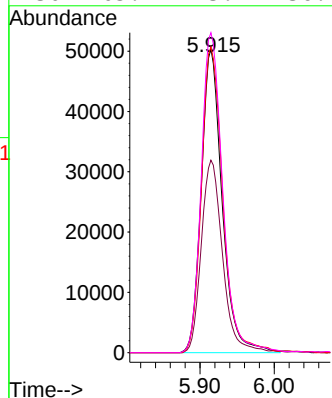
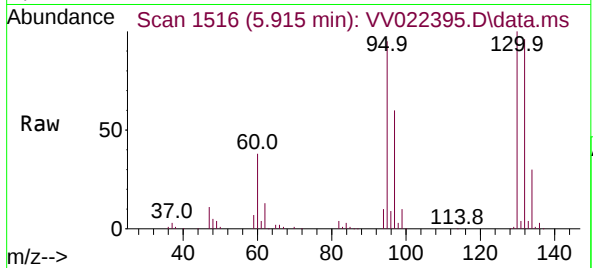




#34
Trichloroethene
Concen: 51.124 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

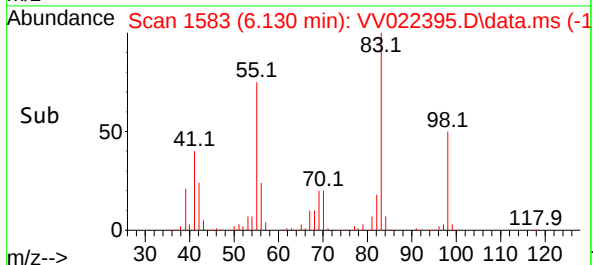
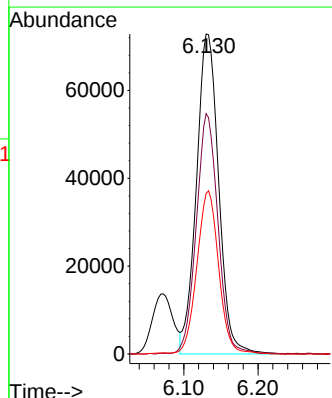
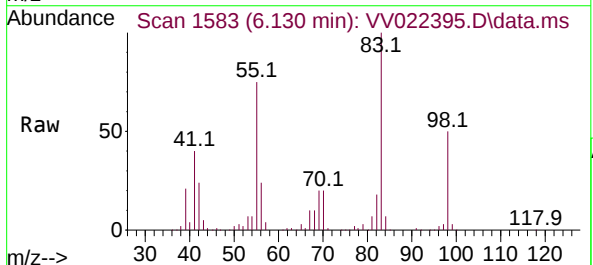
Instrument :
MSVOA_V
ClientSampleId :
VSTD050350

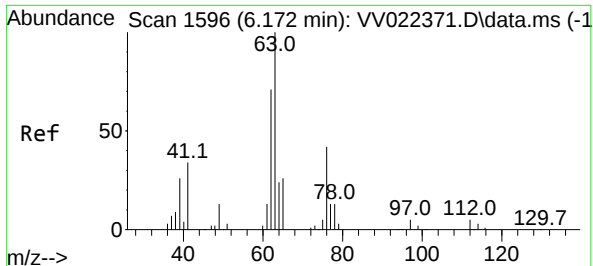
Tgt Ion: 95 Resp: 98650
Ion Ratio Lower Upper
95 100
97 63.4 45.2 84.0
132 100.7 71.0 131.8
130 105.4 73.7 136.9



#35
Methylcyclohexane
Concen: 51.101 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

Tgt Ion: 83 Resp: 151905
Ion Ratio Lower Upper
83 100
55 73.2 58.6 87.8
98 49.9 39.2 58.8



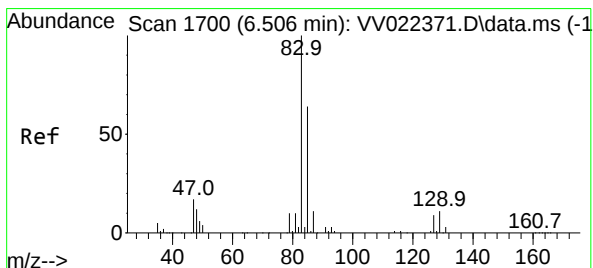
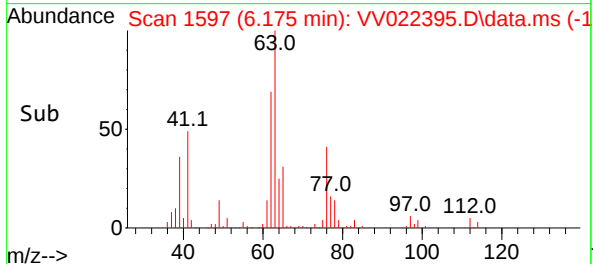
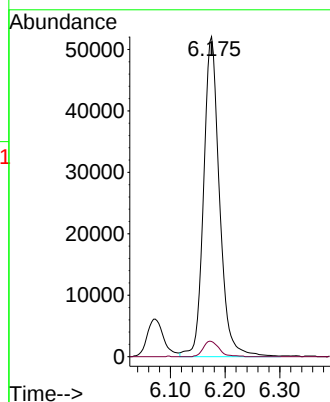
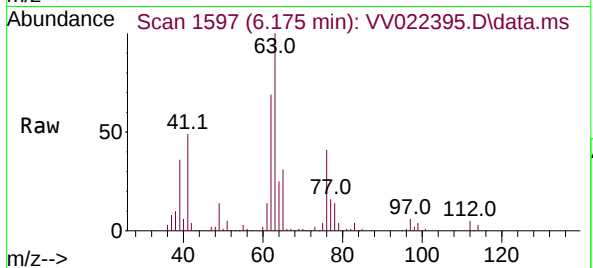


#37

1,2-Dichloropropane
Concen: 54.644 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD050350

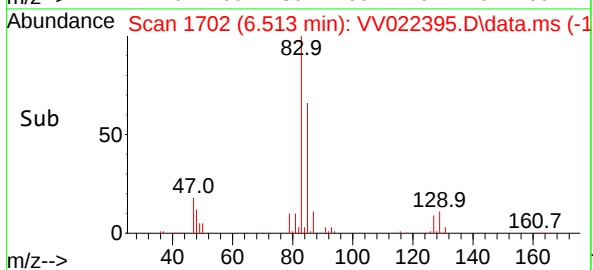
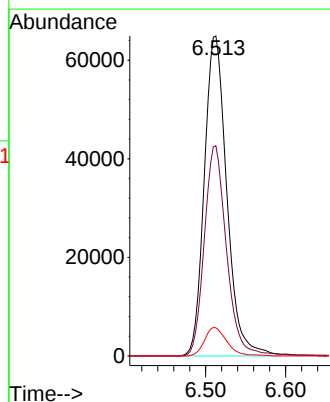
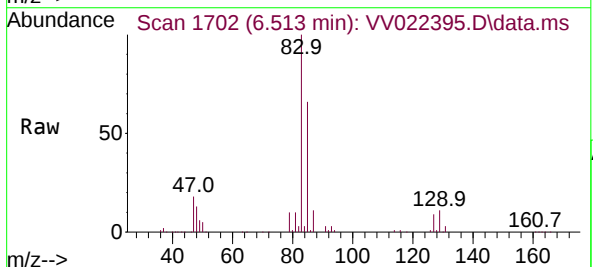
Tgt Ion: 63 Resp: 105228
Ion Ratio Lower Upper
63 100
112 4.8 3.9 5.9

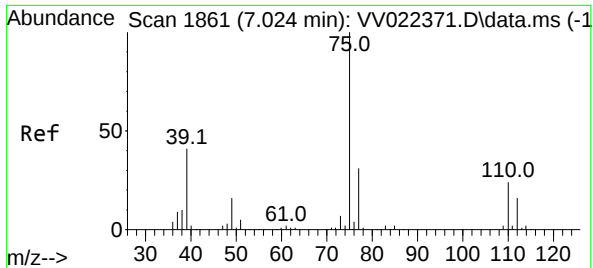


#38

Bromodichloromethane
Concen: 51.663 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

Tgt Ion: 83 Resp: 127204
Ion Ratio Lower Upper
83 100
85 65.7 43.2 80.2
127 8.8 6.6 10.0

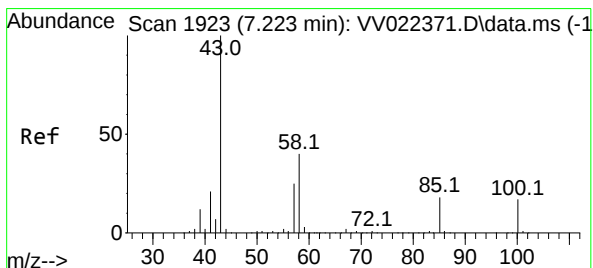
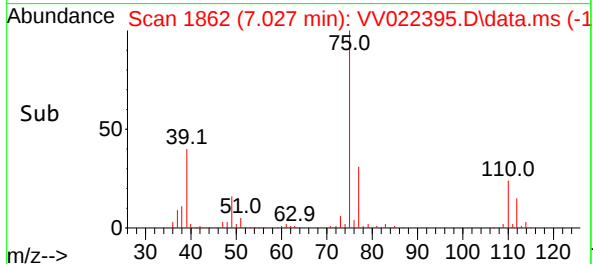
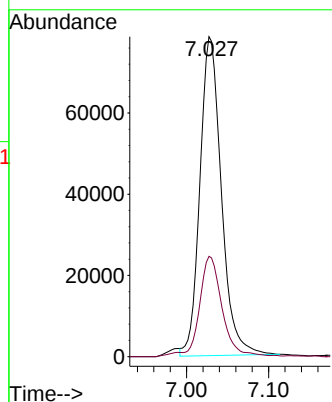
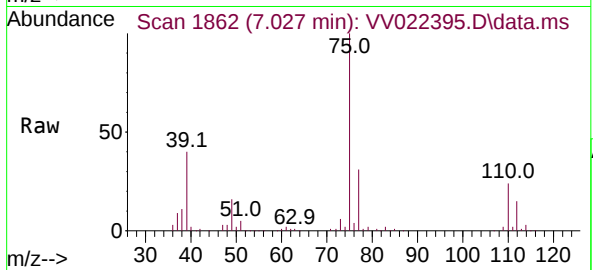




#39
 cis-1,3-Dichloropropene
 Concen: 50.344 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.003 min
 Lab File: VV022395.D
 Acq: 29 Sep 2021 22:08

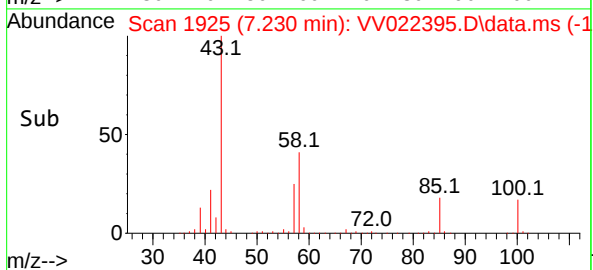
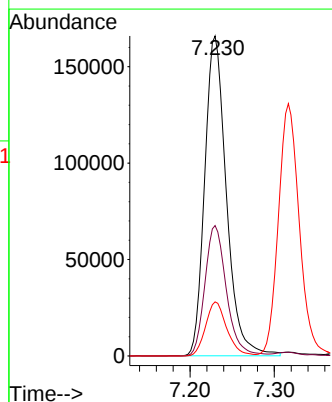
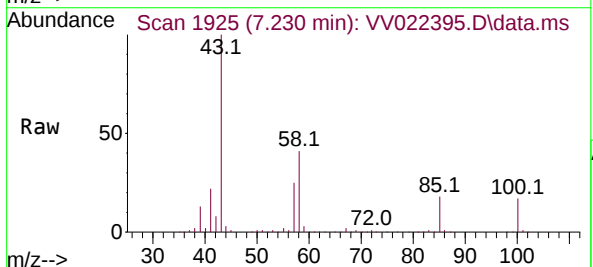
Instrument :
 MSVOA_V
 ClientSampled :
 VSTD050350

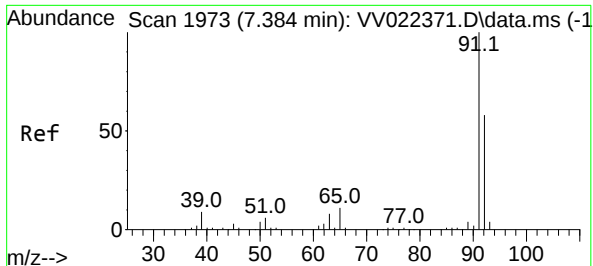
Tgt Ion: 75 Resp: 142694
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 109.709 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. 0.006 min
 Lab File: VV022395.D
 Acq: 29 Sep 2021 22:08

Tgt Ion: 43 Resp: 297276
 Ion Ratio Lower Upper
 43 100
 58 40.5 31.6 47.4
 100 16.6 13.1 19.7

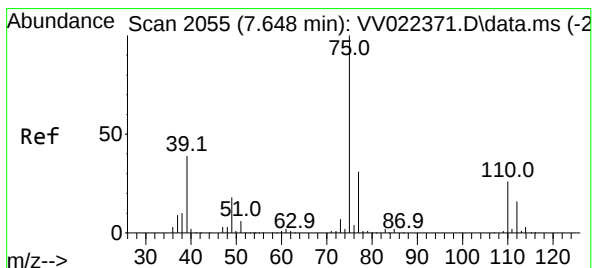
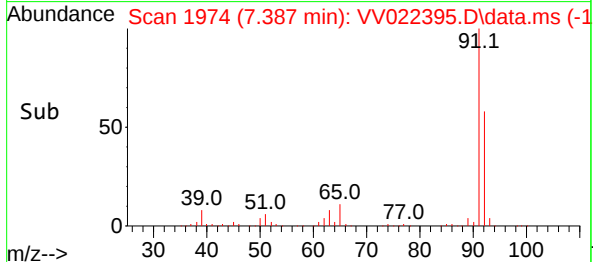
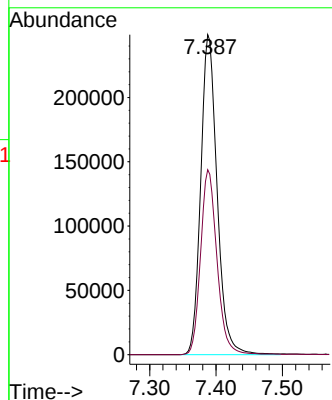
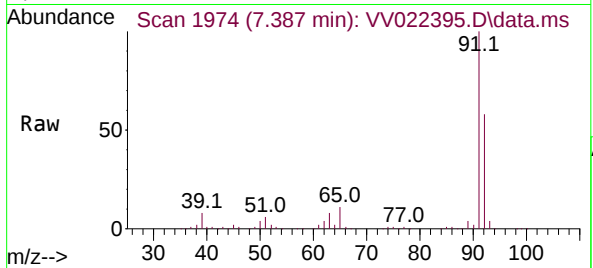




#42
Toluene
Concen: 53.438 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.003 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

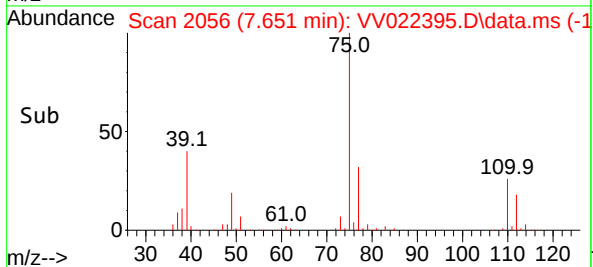
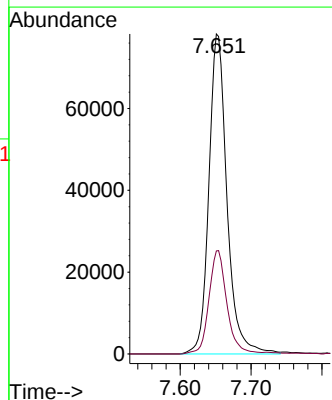
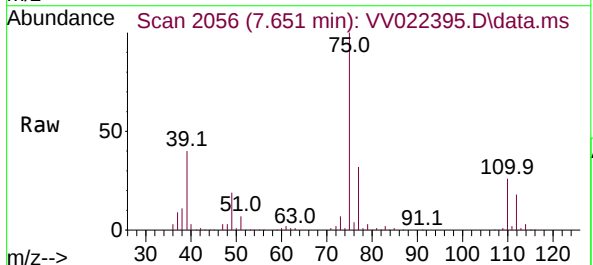
Instrument :
MSVOA_V
ClientSampleId :
VSTD050350

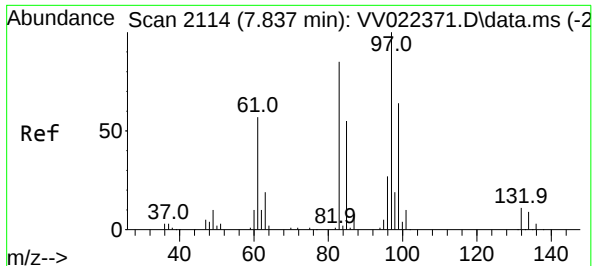
Tgt Ion: 91 Resp: 428002
Ion Ratio Lower Upper
91 100
92 57.8 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 51.311 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

Tgt Ion: 75 Resp: 138860
Ion Ratio Lower Upper
75 100
77 32.2 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 52.833 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.003 min

Lab File: VV022395.D

Acq: 29 Sep 2021 22:08

Instrument :

MSVOA_V

ClientSampleId :

VSTD050350

Tgt Ion: 97 Resp: 103544

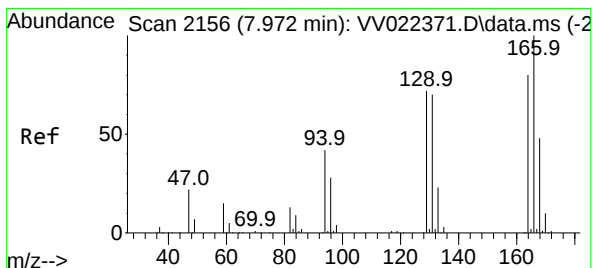
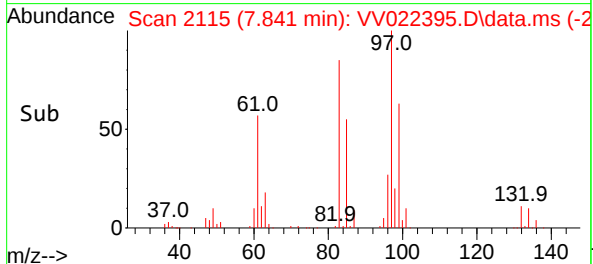
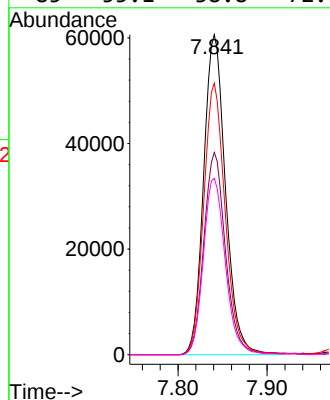
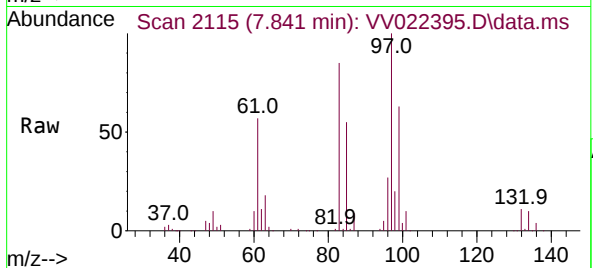
Ion Ratio Lower Upper

97 100

99 63.2 44.6 82.8

83 84.8 59.8 111.1

85 55.1 38.8 72.0



#46

Tetrachloroethene

Concen: 53.039 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV022395.D

Acq: 29 Sep 2021 22:08

Tgt Ion:164 Resp: 84269

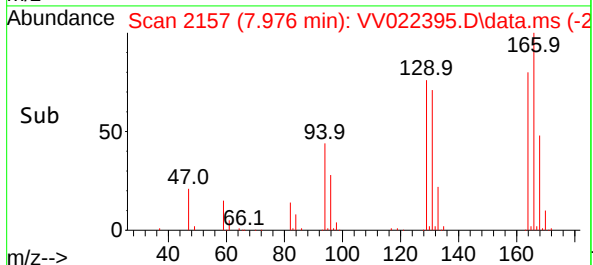
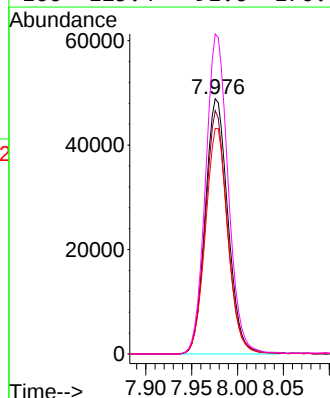
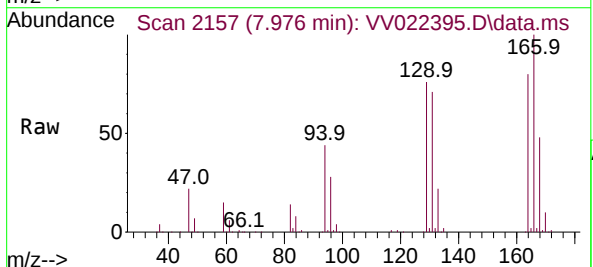
Ion Ratio Lower Upper

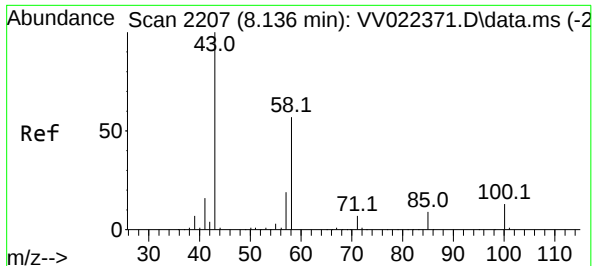
164 100

129 95.4 66.4 123.4

131 88.4 63.6 118.0

166 125.4 91.6 170.0



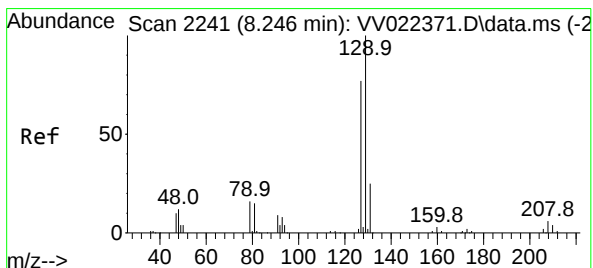
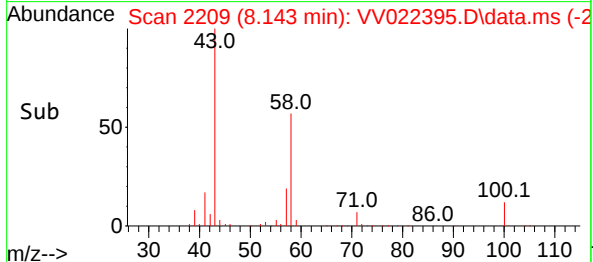
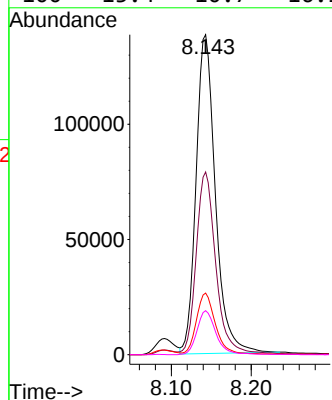
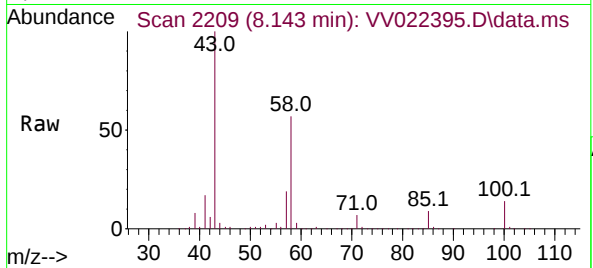


#48
2-Hexanone
Concen: 113.295 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.006 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD050350

Tgt Ion: 43 Resp: 233142

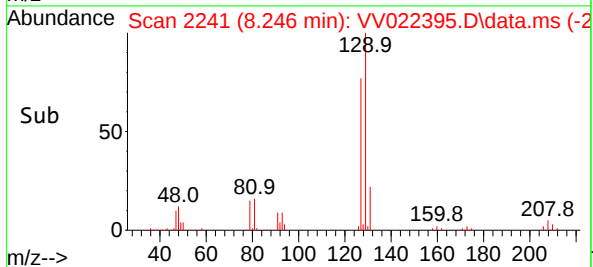
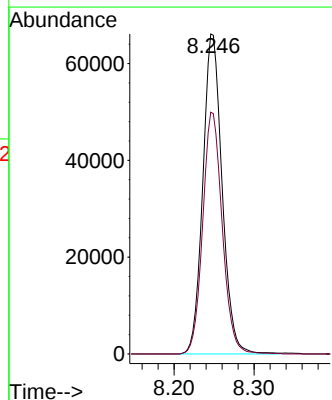
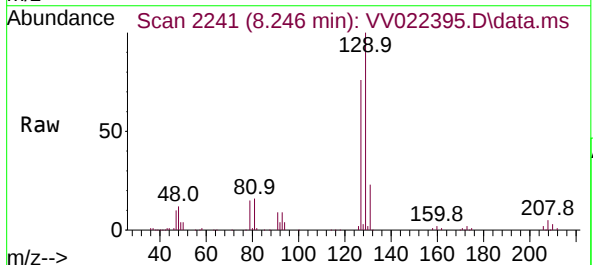
Ion	Ratio	Lower	Upper
43	100		
58	57.6	45.4	68.2
57	19.6	15.0	22.4
100	13.4	10.7	16.1

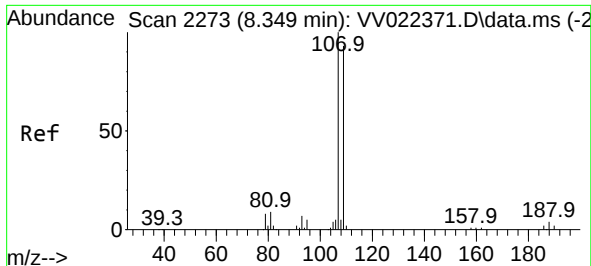


#49
Dibromochloromethane
Concen: 53.523 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

Tgt Ion: 129 Resp: 110998

Ion	Ratio	Lower	Upper
129	100		
127	75.5	54.7	101.7





#50

1,2-Dibromoethane

Concen: 52.635 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. 0.003 min

Lab File: VV022395.D

Acq: 29 Sep 2021 22:08

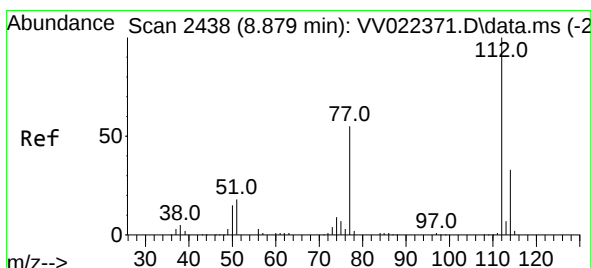
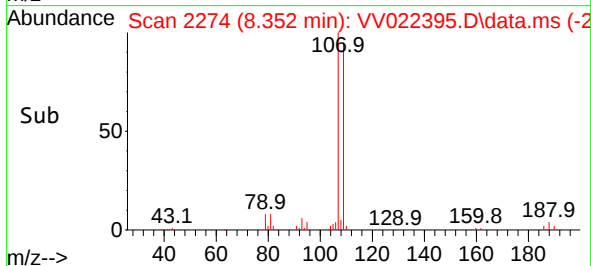
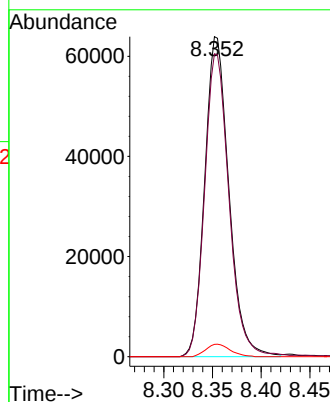
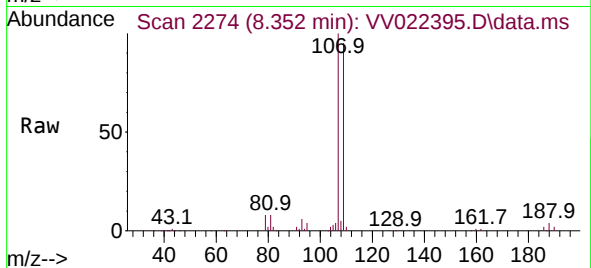
Instrument :

MSVOA_V

ClientSampleId :

VSTD050350

Tgt Ion:	107	Resp:	110264
Ion	Ratio	Lower	Upper
107	100		
109	94.7	64.7	120.1
188	3.9	2.9	4.3



#51

Chlorobenzene

Concen: 51.299 ug/L

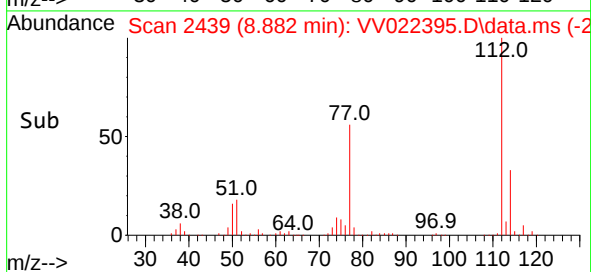
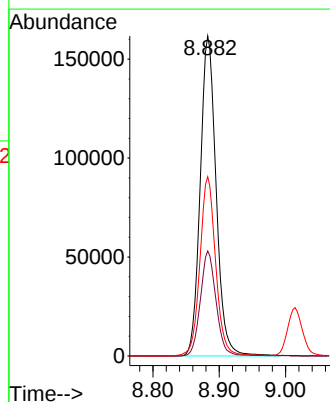
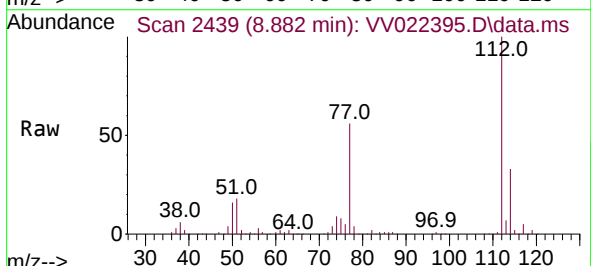
RT: 8.882 min Scan# 2439

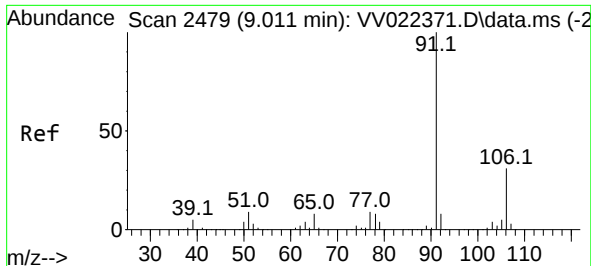
Delta R.T. 0.003 min

Lab File: VV022395.D

Acq: 29 Sep 2021 22:08

Tgt Ion:	112	Resp:	270303
Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.7	42.1
77	56.0	43.9	65.9

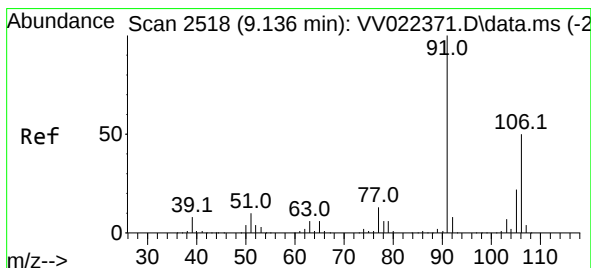
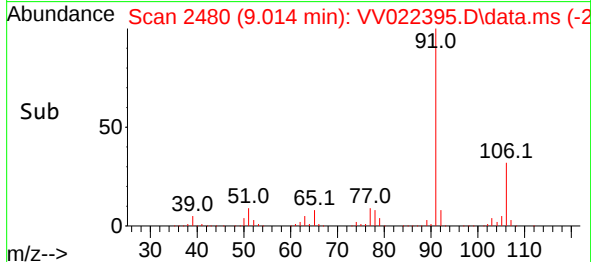
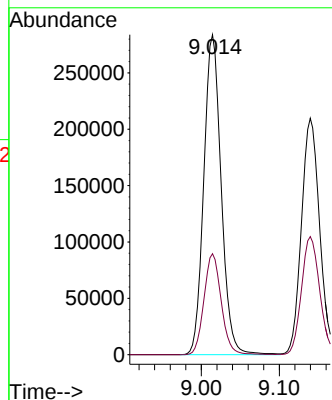
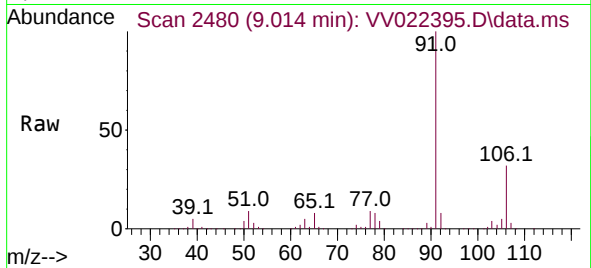




#52
Ethylbenzene
Concen: 52.509 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

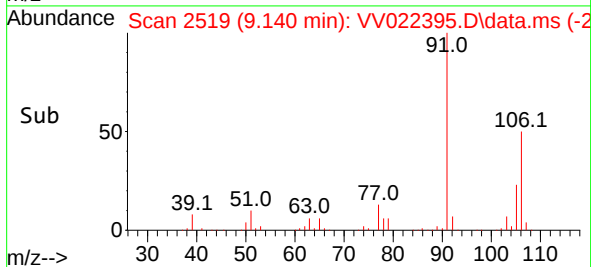
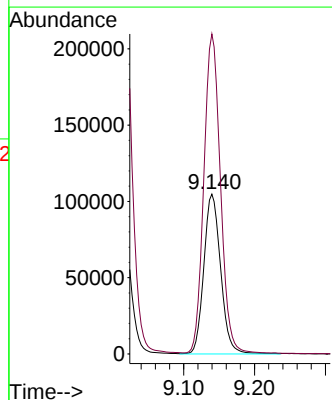
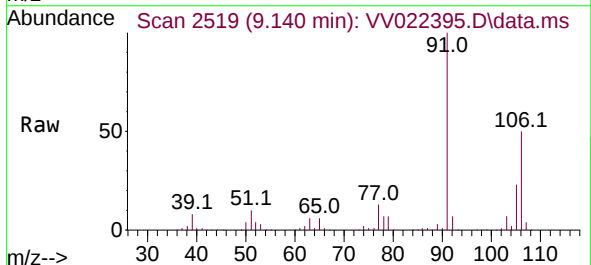
Instrument :
MSVOA_V
ClientSampleId :
VSTD050350

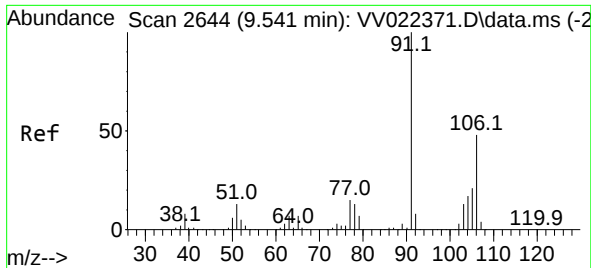
Tgt Ion: 91 Resp: 440504
Ion Ratio Lower Upper
91 100
106 31.5 22.0 40.8



#53
m,p-Xylene
Concen: 53.524 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

Tgt Ion: 106 Resp: 172922
Ion Ratio Lower Upper
106 100
91 200.1 139.2 258.6

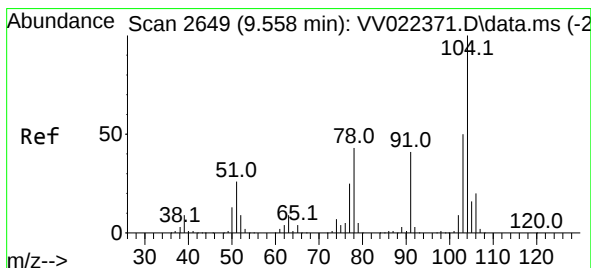
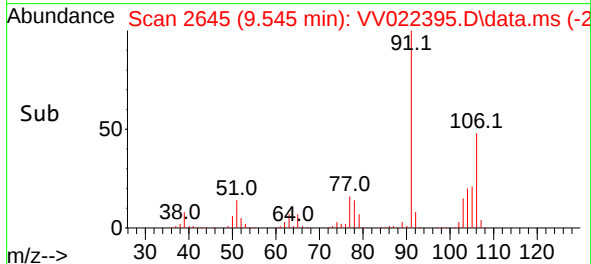
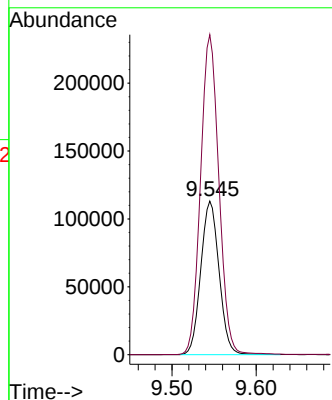
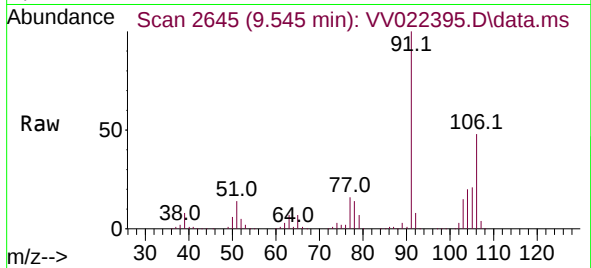




#54
o-Xylene
Concen: 54.487 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

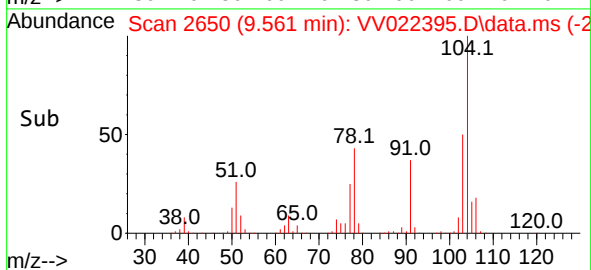
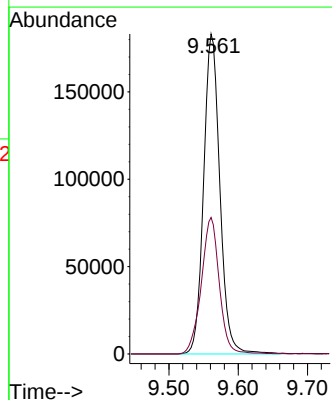
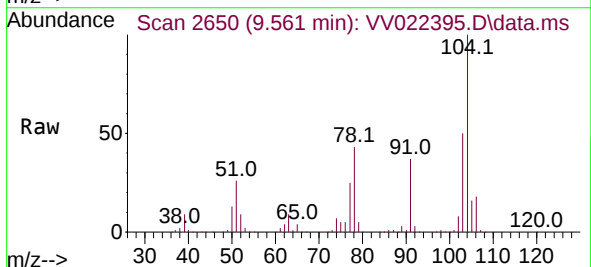
Instrument :
MSVOA_V
ClientSampleId :
VSTD050350

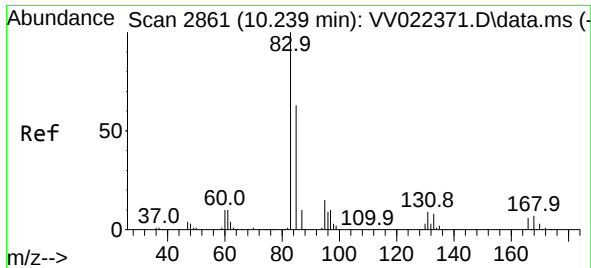
Tgt Ion:106 Resp: 171046
Ion Ratio Lower Upper
106 100
91 208.3 144.9 269.1



#55
Styrene
Concen: 54.624 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

Tgt Ion:104 Resp: 298125
Ion Ratio Lower Upper
104 100
78 42.7 28.6 53.2

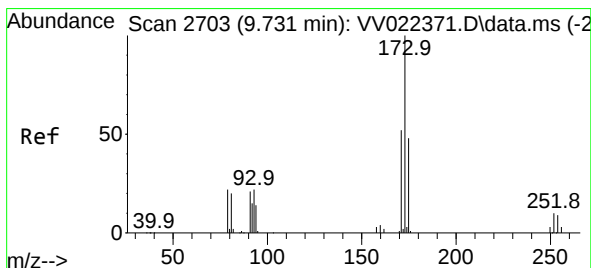
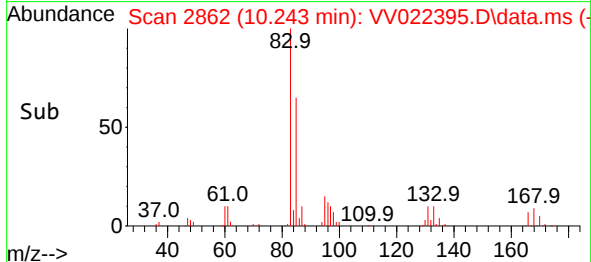
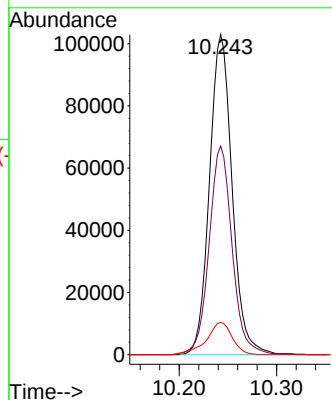
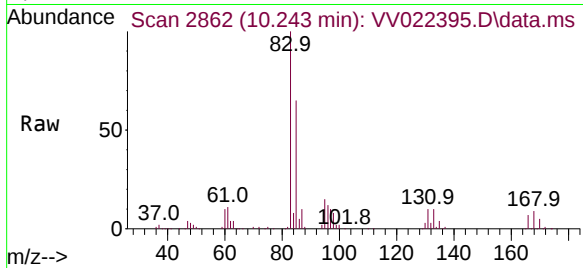




#57
1,1,2,2-Tetrachloroethane
Concen: 51.179 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

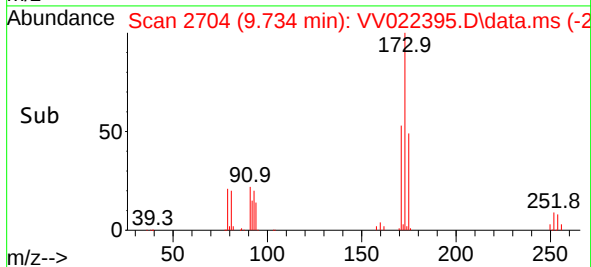
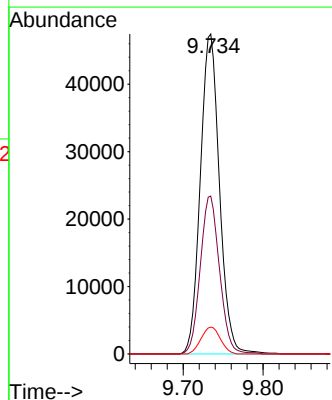
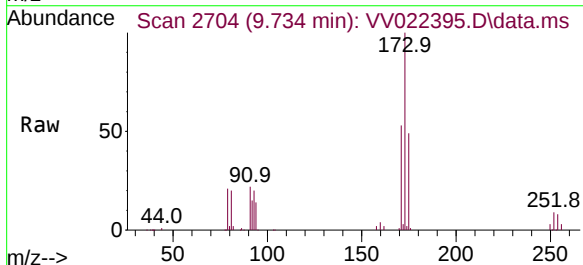
Instrument :
MSVOA_V
ClientSampleId :
VSTD050350

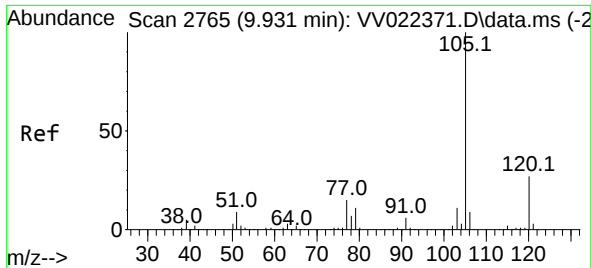
Tgt Ion:	83	Resp:	166024
Ion	Ratio	Lower	Upper
83	100		
85	65.2	44.6	82.8
131	10.1	7.8	11.8



#59
Bromoform
Concen: 54.202 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

Tgt Ion:	173	Resp:	79115
Ion	Ratio	Lower	Upper
173	100		
175	49.6	40.1	60.1
254	8.4	6.9	10.3

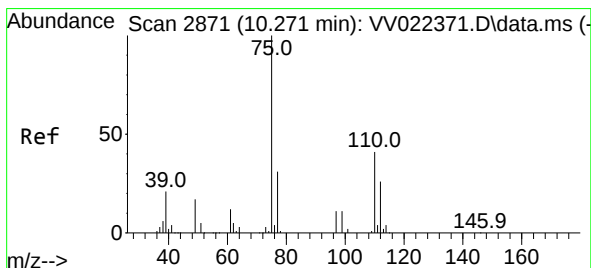
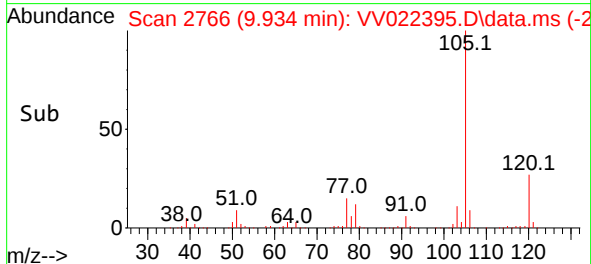
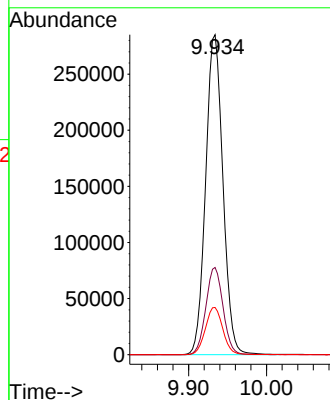
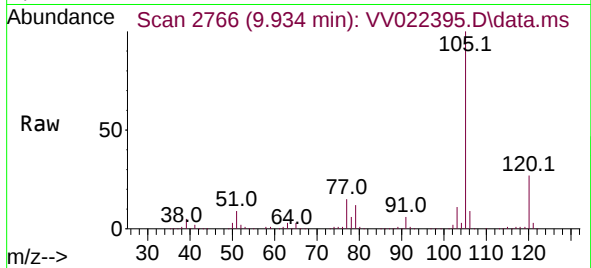




#60
Isopropylbenzene
Concen: 54.810 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

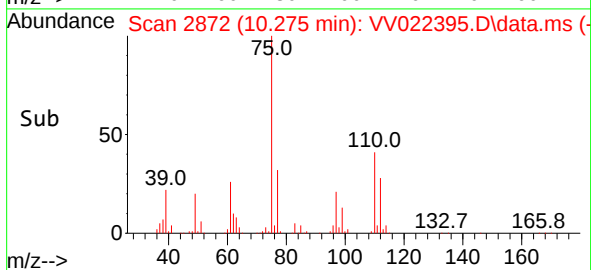
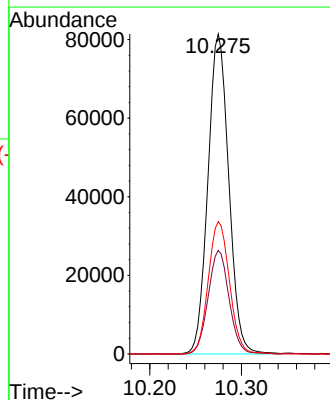
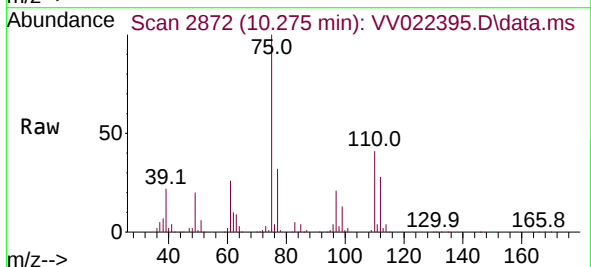
Instrument :
MSVOA_V
ClientSampleId :
VSTD050350

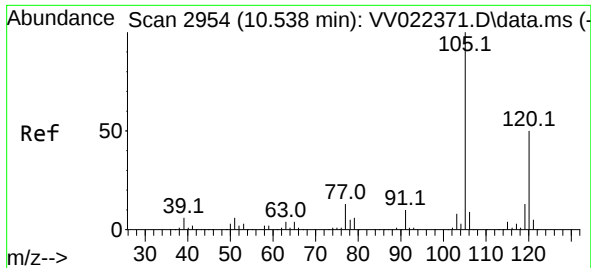
Tgt Ion:105 Resp: 439251
Ion Ratio Lower Upper
105 100
120 27.2 21.5 32.3
77 14.9 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 53.002 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

Tgt Ion: 75 Resp: 128652
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0
110 42.1 32.6 48.8

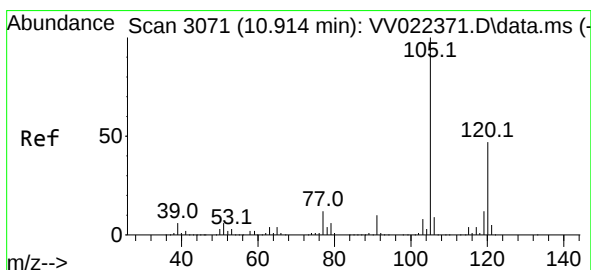
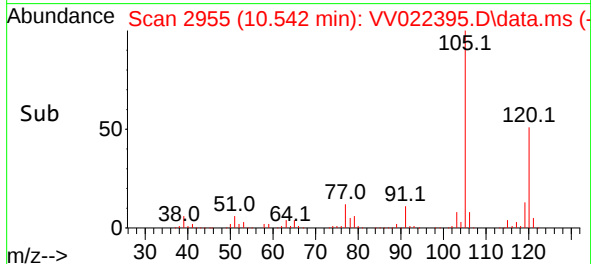
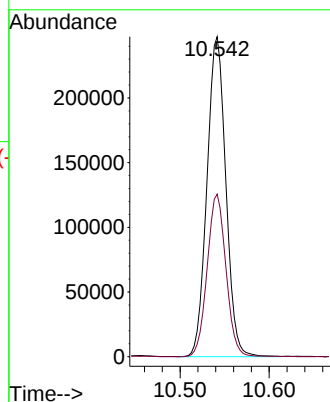
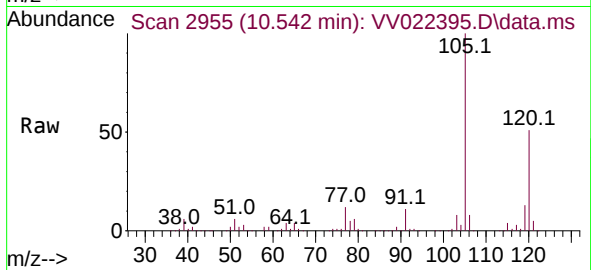




#62
1,3,5-Trimethylbenzene
Concen: 55.036 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

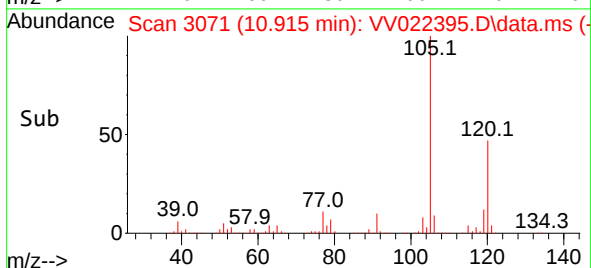
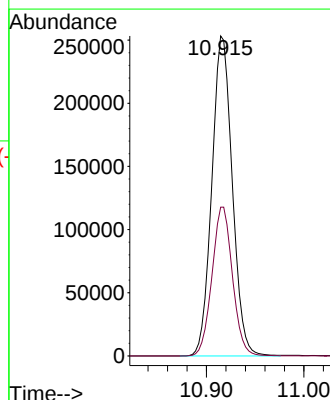
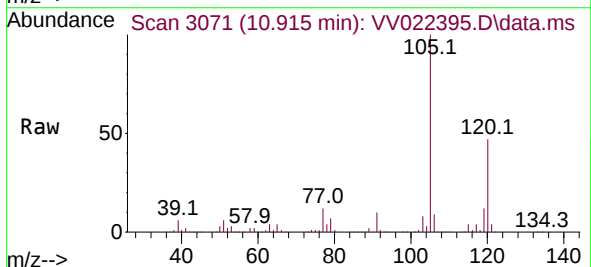
Instrument :
MSVOA_V
ClientSampleId :
VSTD050350

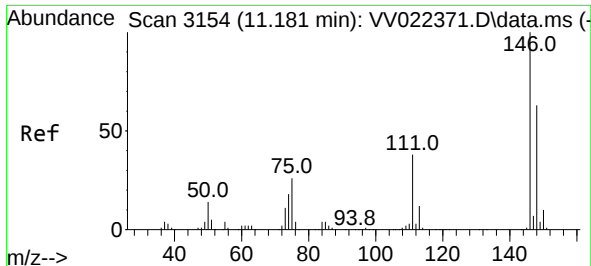
Tgt Ion:105 Resp: 363475
Ion Ratio Lower Upper
105 100
120 50.6 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 55.447 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

Tgt Ion:105 Resp: 369530
Ion Ratio Lower Upper
105 100
120 46.6 37.3 55.9

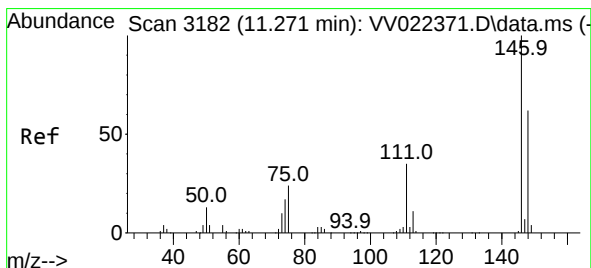
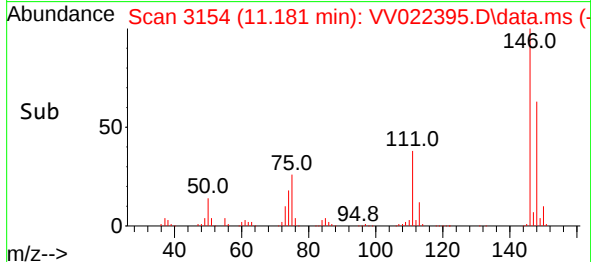
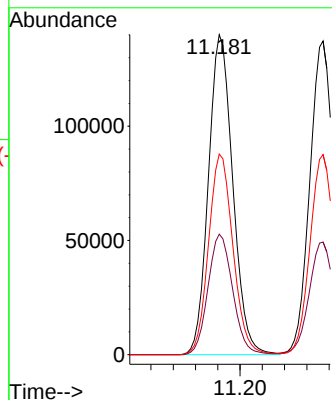
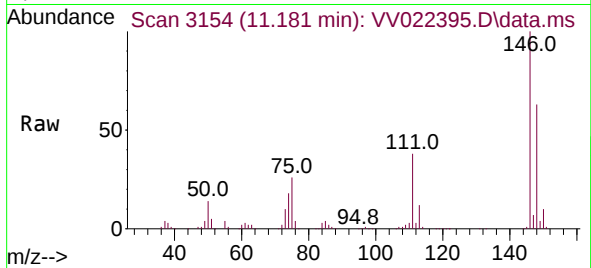




#64
1,3-Dichlorobenzene
Concen: 52.481 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

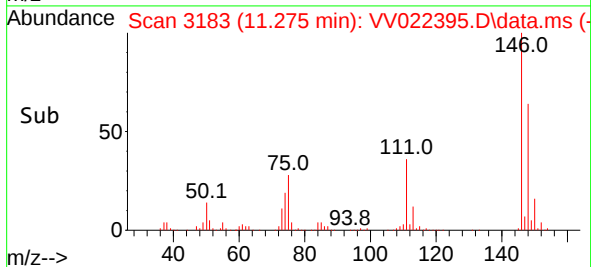
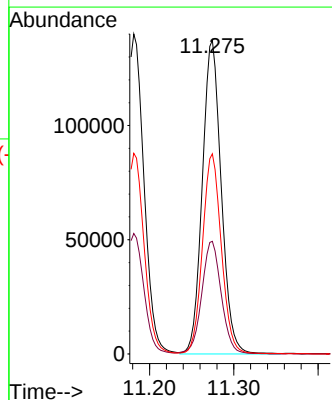
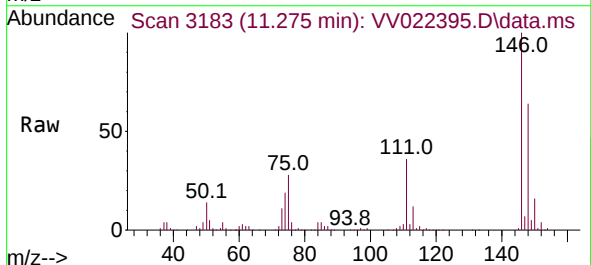
Instrument :
MSVOA_V
ClientSampleId :
VSTD050350

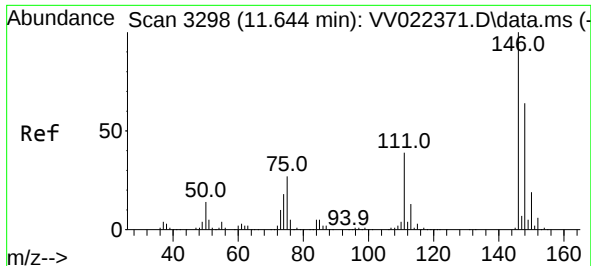
Tgt Ion:146 Resp: 213212
Ion Ratio Lower Upper
146 100
111 37.7 26.5 49.3
148 62.7 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 52.046 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

Tgt Ion:146 Resp: 215368
Ion Ratio Lower Upper
146 100
111 35.9 25.8 48.0
148 63.8 45.1 83.9

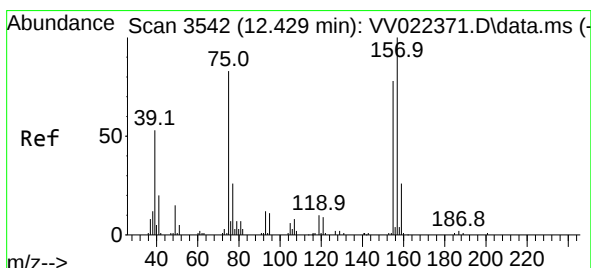
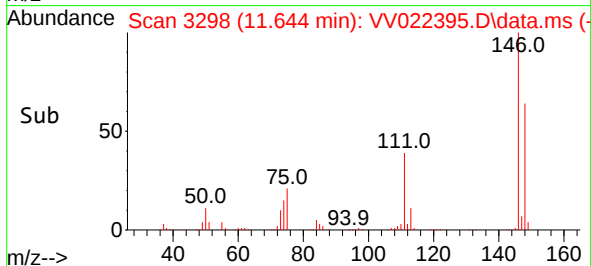
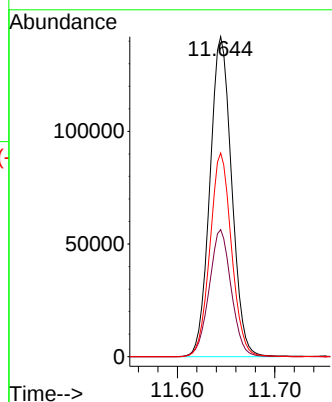
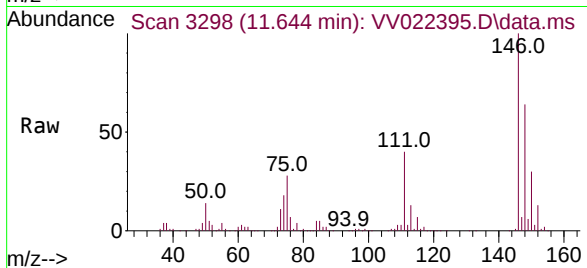




#67
1,2-Dichlorobenzene
Concen: 53.214 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.000 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

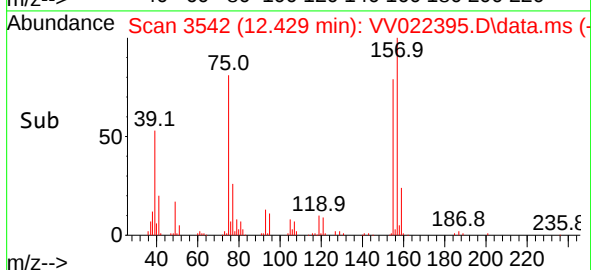
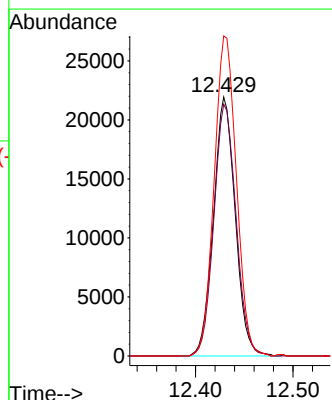
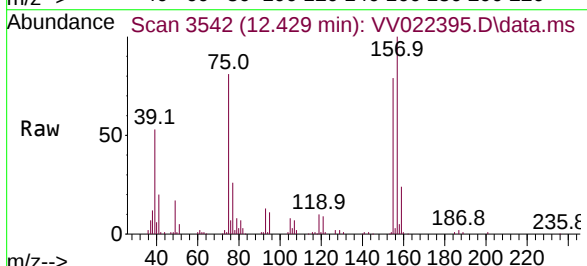
Instrument :
MSVOA_V
ClientSampleId :
VSTD050350

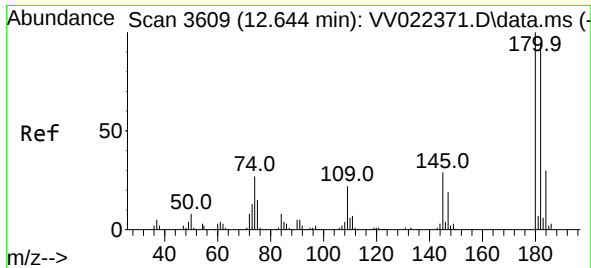
Tgt Ion:146 Resp: 220767
Ion Ratio Lower Upper
146 100
111 39.7 31.5 47.3
148 63.7 49.0 73.6



#68
1,2-Dibromo-3-chloropropane
Concen: 53.236 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

Tgt Ion: 75 Resp: 34121
Ion Ratio Lower Upper
75 100
155 97.2 79.0 118.6
157 123.6 98.2 147.2

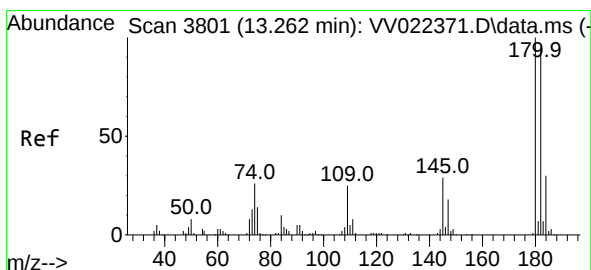
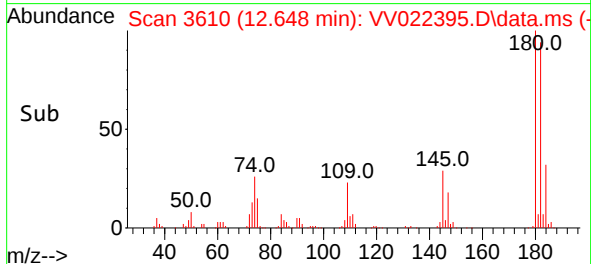
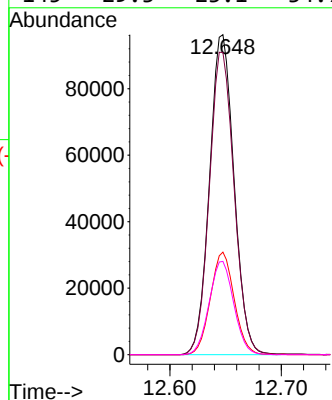
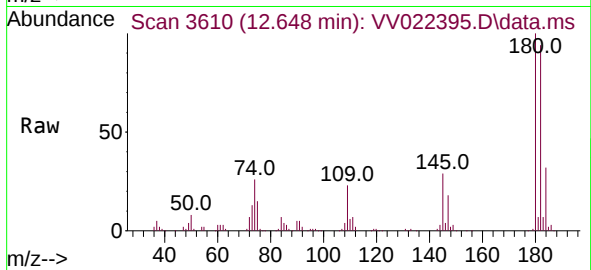




#69
1,3,5-Trichlorobenzene
Concen: 50.173 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.003 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

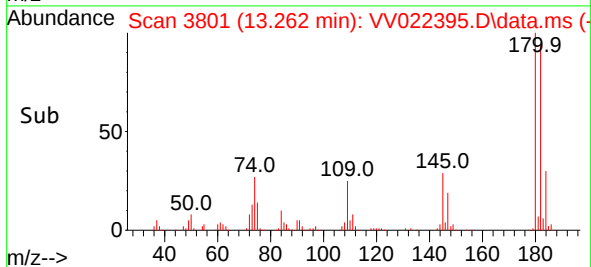
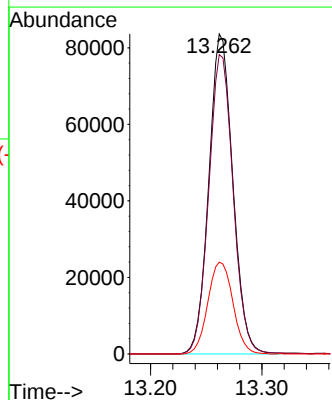
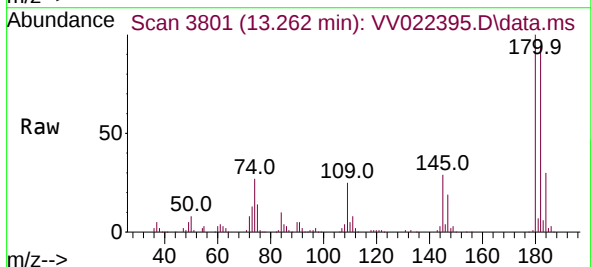
Instrument :
MSVOA_V
ClientSampleId :
VSTD050350

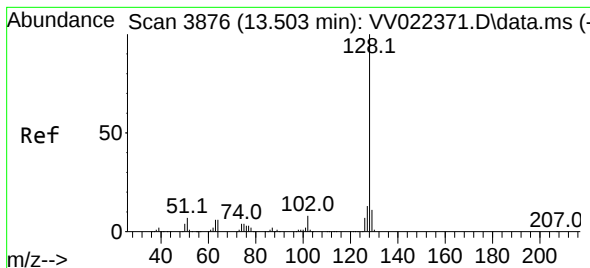
Tgt Ion:180 Resp: 147046
Ion Ratio Lower Upper
180 100
182 95.5 75.2 112.8
184 31.2 24.2 36.2
145 29.3 23.1 34.7



#70
1,2,4-trichlorobenzene
Concen: 50.406 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.000 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

Tgt Ion:180 Resp: 124997
Ion Ratio Lower Upper
180 100
182 95.1 76.2 114.2
145 30.0 23.9 35.9

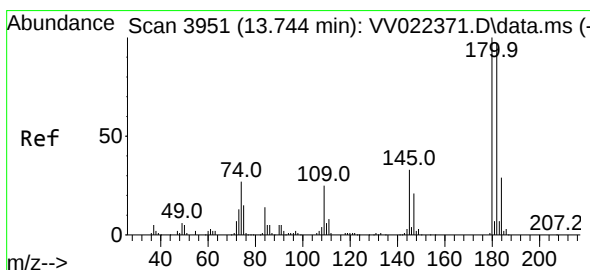
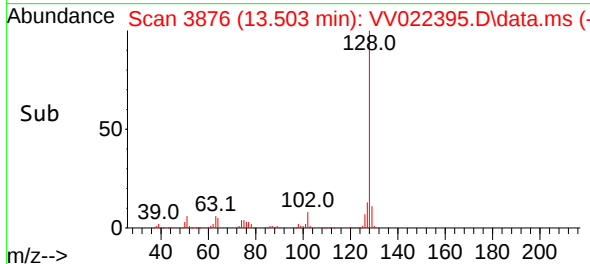
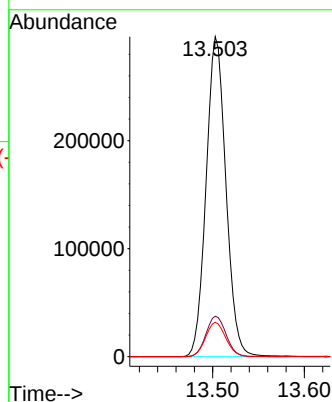
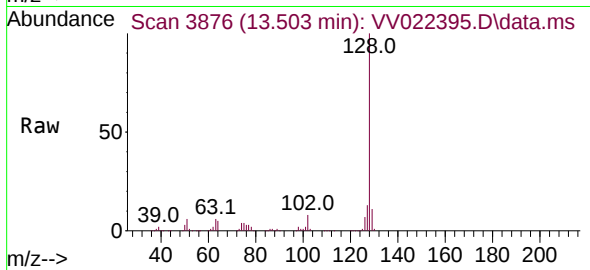




#71
Naphthalene
Concen: 58.518 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

Instrument :
MSVOA_V
ClientSampleId :
VSTD050350

Tgt Ion:128 Resp: 444628
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 54.914 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV022395.D
Acq: 29 Sep 2021 22:08

Tgt Ion:180 Resp: 140602
Ion Ratio Lower Upper
180 100
182 94.8 76.7 115.1
145 31.5 25.6 38.4

