

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092921\
 Data File : VW022371.D
 Acq On : 29 Sep 2021 12:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050349

Quant Time: Sep 30 05:12:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 29 01:30:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	264878	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	256688	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	139137	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	98686	43.901	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.800%
7) Chloroethane-d5	1.561	69	80874	45.487	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.980%
11) 1,1-Dichloroethene-d2	2.104	63	184285	47.152	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.300%
21) 2-Butanone-d5	3.870	46	153183	96.559	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.560%
24) Chloroform-d	4.342	84	193597	47.695	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.027	65	114441	45.976	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.960%
32) Benzene-d6	5.047	84	385264	47.710	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.420%
36) 1,2-Dichloropropane-d6	6.066	67	121274	46.944	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.880%
41) Toluene-d8	7.313	98	355109	48.045	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.100%
43) trans-1,3-Dichloroprop...	7.619	79	55311	46.887	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.780%
47) 2-Hexanone-d5	8.085	63	104218	99.281	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.280%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	173009	46.135	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.260%
66) 1,2-Dichlorobenzene-d4	11.625	152	143912	46.515	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	130861	51.841	ug/L	99
3) Chloromethane	1.240	50	124555	48.248	ug/L	98
5) Vinyl chloride	1.310	62	124070	51.497	ug/L	99
6) Bromomethane	1.516	94	66704	43.131	ug/L	99
8) Chloroethane	1.580	64	75383	51.315	ug/L	97
9) Trichlorofluoromethane	1.751	101	170514	52.128	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	97934	53.399	ug/L	98
12) 1,1-Dichloroethene	2.114	96	90904	52.176	ug/L	93
13) Acetone	2.162	43	134361	107.910	ug/L	99
14) Carbon disulfide	2.291	76	274367	50.469	ug/L	100
15) Methyl Acetate	2.426	43	118123	50.898	ug/L	98
16) Methylene chloride	2.503	84	111814	46.049	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	100982	50.258	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	299425	50.112	ug/L	100
19) 1,1-Dichloroethane	3.185	63	183795	50.677	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	106757	49.887	ug/L	97
22) 2-Butanone	3.957	43	162414	99.157	ug/L	99
23) Bromochloromethane	4.243	128	58971	50.830	ug/L	98
25) Chloroform	4.371	83	183478	49.110	ug/L	95

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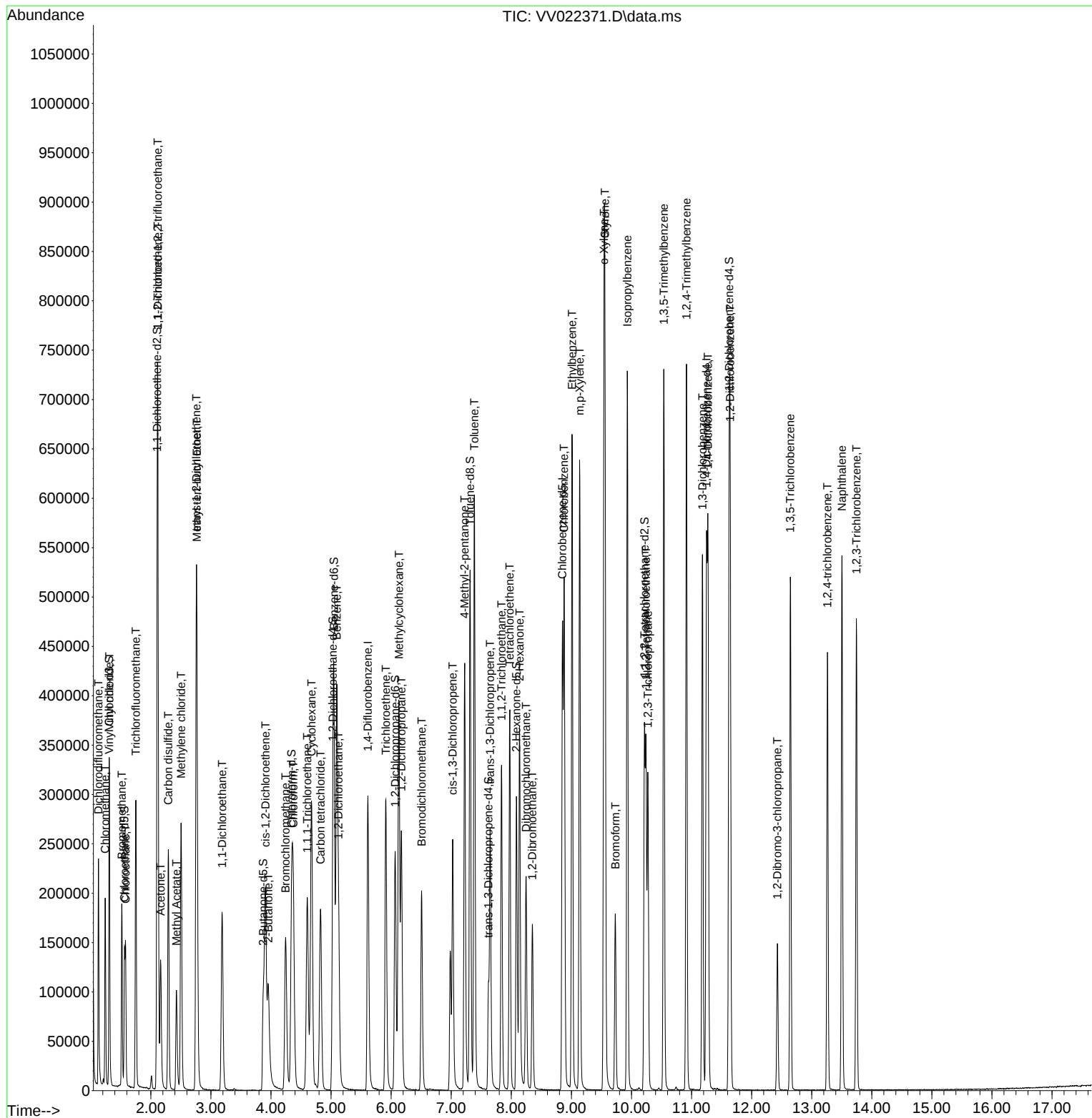
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	132776	49.978	ug/L	99
29) Cyclohexane	4.674	56	158253	52.614	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	159865	51.889	ug/L	100
31) Carbon tetrachloride	4.825	117	141468	52.137	ug/L	99
33) Benzene	5.095	78	411313	52.507	ug/L	100
34) Trichloroethene	5.911	95	102353	50.808	ug/L	98
35) Methylcyclohexane	6.130	83	166498	53.650	ug/L	99
37) 1,2-Dichloropropane	6.172	63	104219	51.840	ug/L	100
38) Bromodichloromethane	6.506	83	130882	50.917	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	156513	52.893	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	283427	100.191	ug/L	99
42) Toluene	7.384	91	436644	52.220	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	149454	52.899	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	103204	50.441	ug/L	100
46) Tetrachloroethene	7.972	164	89167	53.757	ug/L	95
48) 2-Hexanone	8.136	43	228554	106.386	ug/L	99
49) Dibromochloromethane	8.246	129	111620	51.555	ug/L	99
50) 1,2-Dibromoethane	8.349	107	109454	50.047	ug/L	99
51) Chlorobenzene	8.879	112	278528	50.632	ug/L	99
52) Ethylbenzene	9.011	91	454238	51.865	ug/L	100
53) m,p-Xylene	9.136	106	178909	53.044	ug/L	99
54) o-Xylene	9.541	106	176503	53.857	ug/L	99
55) Styrene	9.558	104	308570	54.155	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	165549	48.882	ug/L	99
59) Bromoform	9.731	173	80394	51.502	ug/L	98
60) Isopropylbenzene	9.931	105	456400	53.253	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	126646	48.788	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	382629	54.176	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	387712	54.399	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	222935	51.312	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	223969	50.611	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	222686	50.192	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	33697	49.162	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	161629	51.569	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	134381	50.672	ug/L	100
71) Naphthalene	13.503	128	423225	52.085	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	141099	51.531	ug/L	100

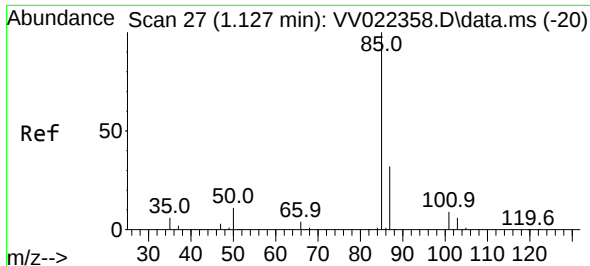
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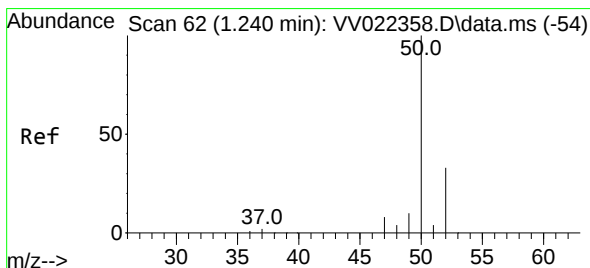
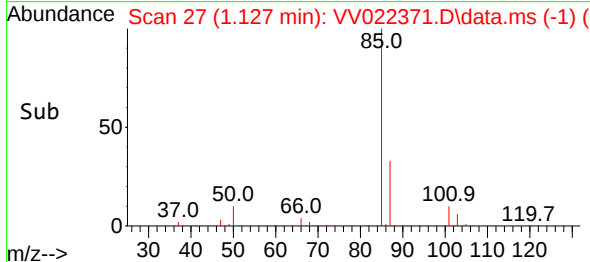
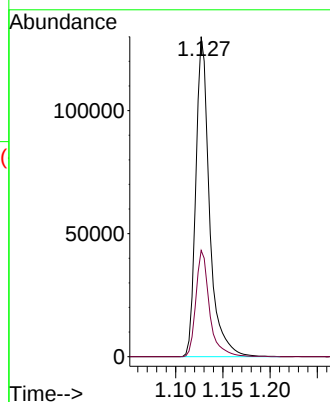
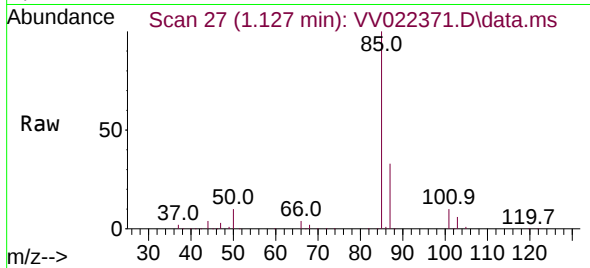




#2
 Dichlorodifluoromethane
 Concen: 51.841 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV022371.D
 Acq: 29 Sep 2021 12:29

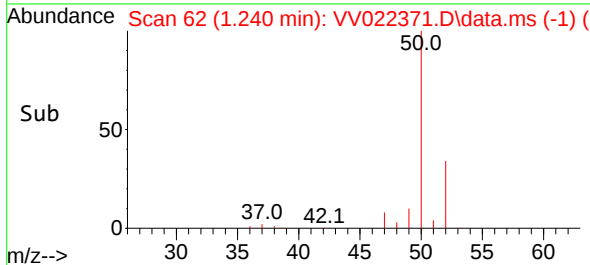
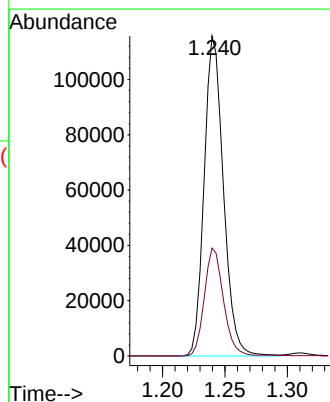
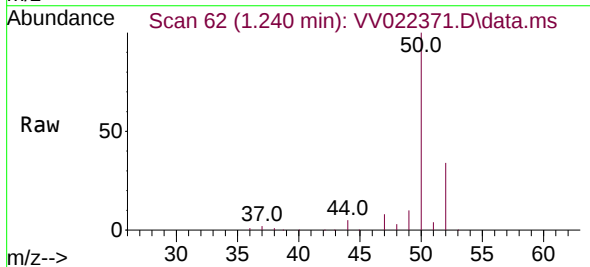
Instrument :
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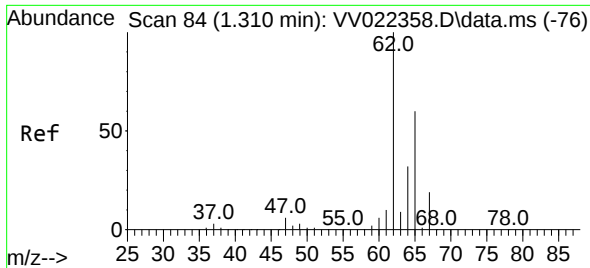
Tgt Ion: 85 Resp: 130861
 Ion Ratio Lower Upper
 85 100
 87 33.1 26.2 39.2



#3
 Chloromethane
 Concen: 48.248 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV022371.D
 Acq: 29 Sep 2021 12:29

Tgt Ion: 50 Resp: 124555
 Ion Ratio Lower Upper
 50 100
 52 33.7 23.0 42.6

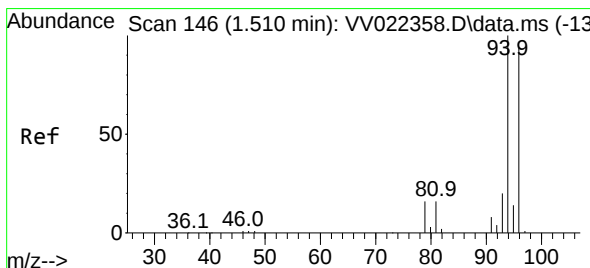
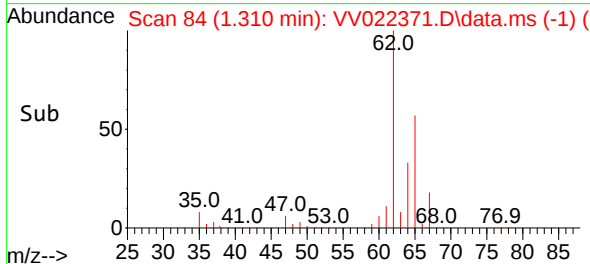
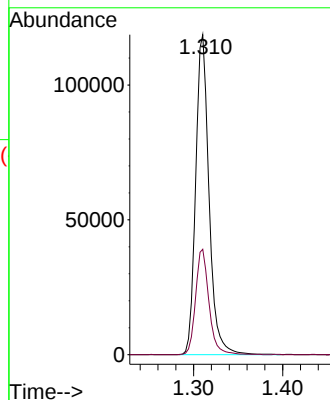
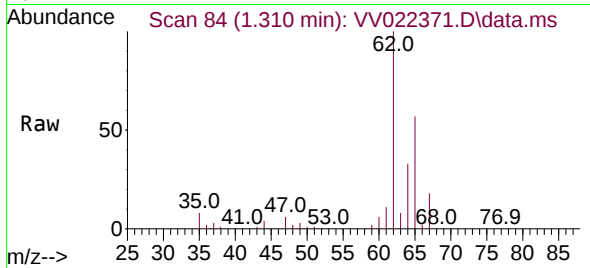




#5
 Vinyl chloride
 Concen: 51.497 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV022371.D
 Acq: 29 Sep 2021 12:29

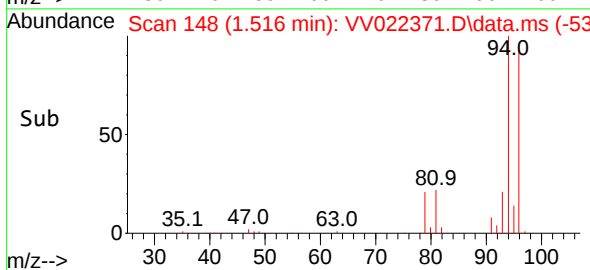
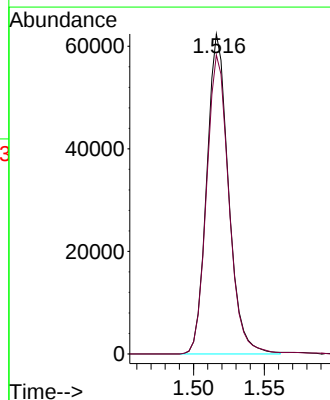
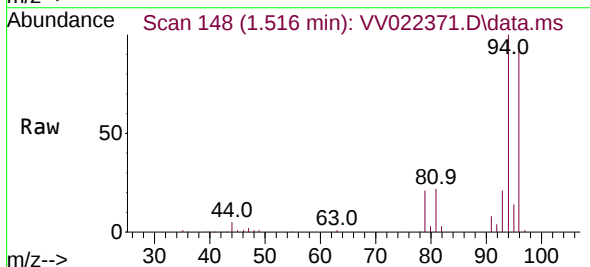
Instrument :
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 VSTD050349

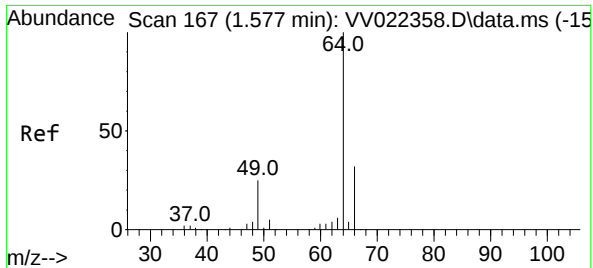
Tgt Ion: 62 Resp: 124070
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.4 43.6



#6
 Bromomethane
 Concen: 43.131 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.006 min
 Lab File: VV022371.D
 Acq: 29 Sep 2021 12:29

Tgt Ion: 94 Resp: 66704
 Ion Ratio Lower Upper
 94 100
 96 93.5 66.1 122.8

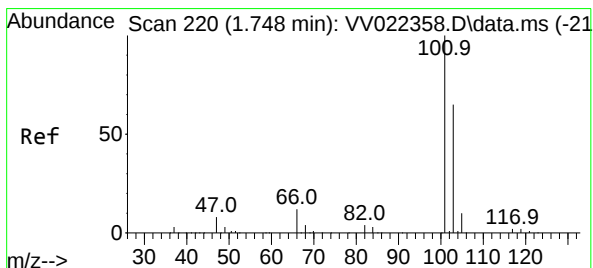
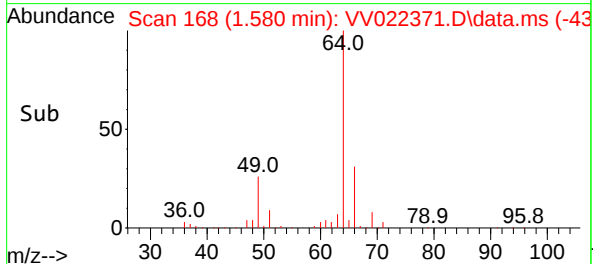
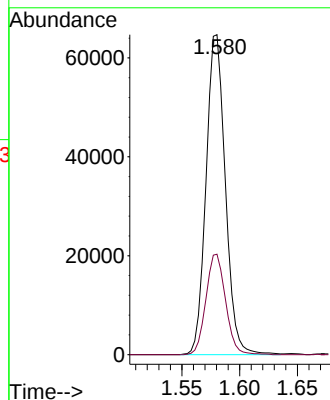
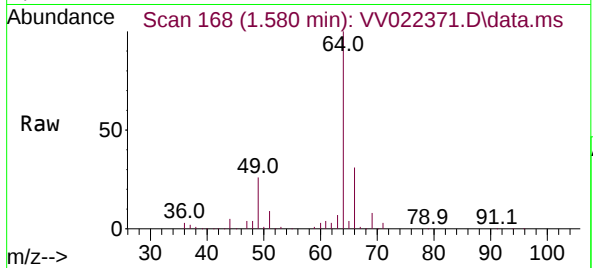




#8
Chloroethane
Concen: 51.315 ug/L
RT: 1.580 min Scan# 168
Delta R.T. 0.003 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

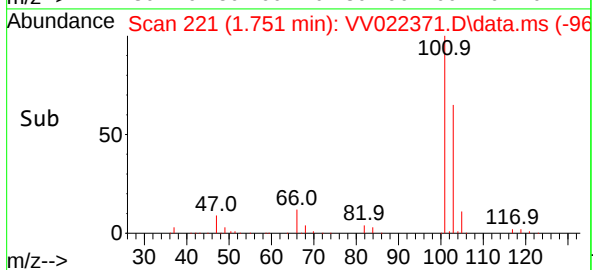
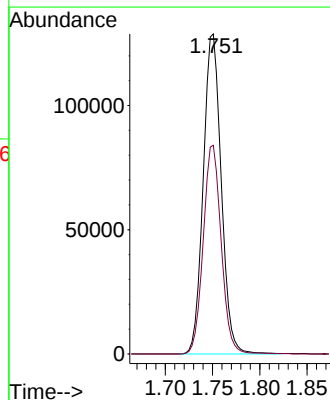
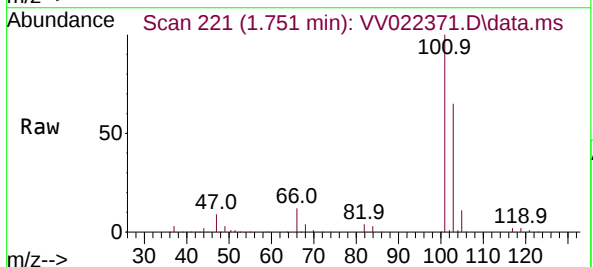
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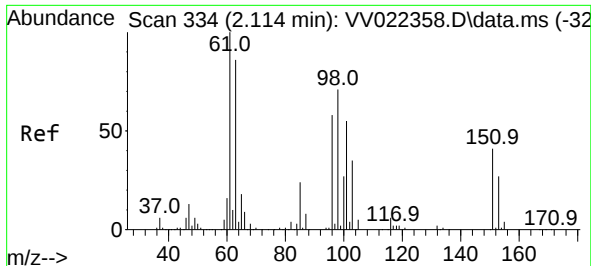
Tgt Ion: 64 Resp: 75383
Ion Ratio Lower Upper
64 100
66 31.4 23.0 42.8



#9
Trichlorofluoromethane
Concen: 52.128 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

Tgt Ion:101 Resp: 170514
Ion Ratio Lower Upper
101 100
103 64.8 51.5 77.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 53.399 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV022371.D

Acq: 29 Sep 2021 12:29

Tgt Ion:101 Resp: 97934

Ion Ratio Lower Upper

101 100

85 42.8 35.5 53.3

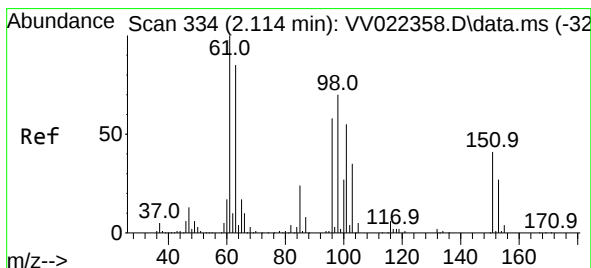
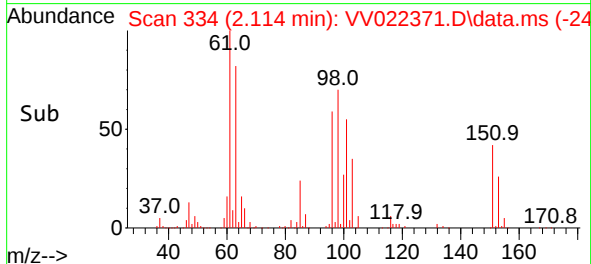
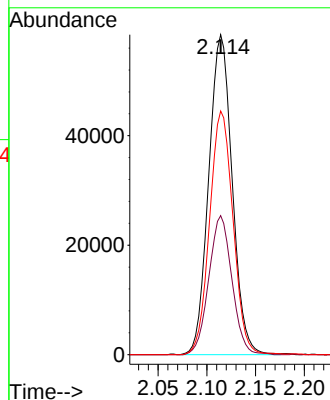
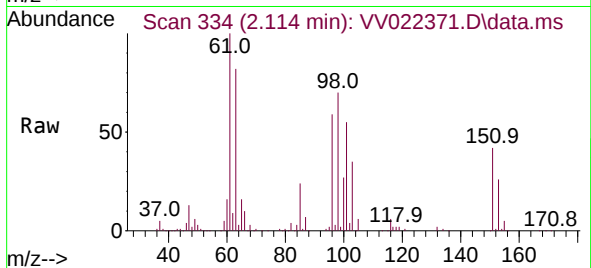
151 76.1 59.6 89.4

Instrument :

MSVOA_V

ClientSampleId :

VSTD050349



#12

1,1-Dichloroethene

Concen: 52.176 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV022371.D

Acq: 29 Sep 2021 12:29

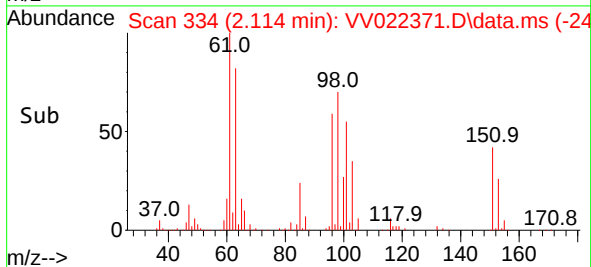
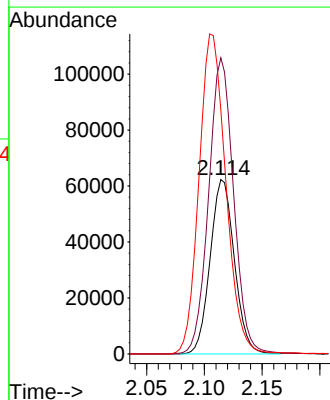
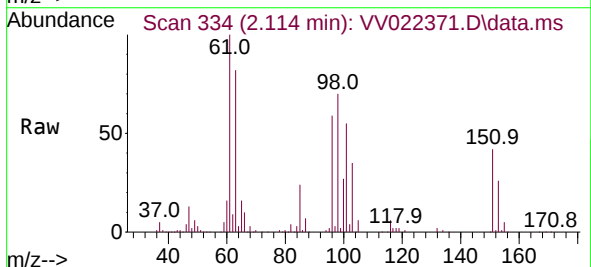
Tgt Ion: 96 Resp: 90904

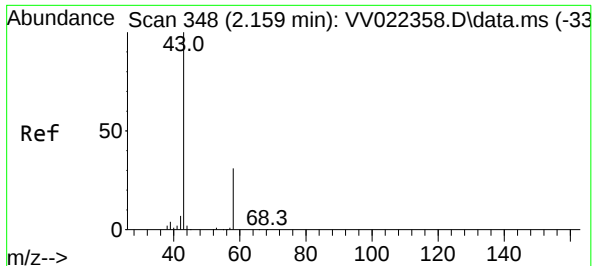
Ion Ratio Lower Upper

96 100

61 169.9 124.4 231.0

63 140.0 106.0 196.8

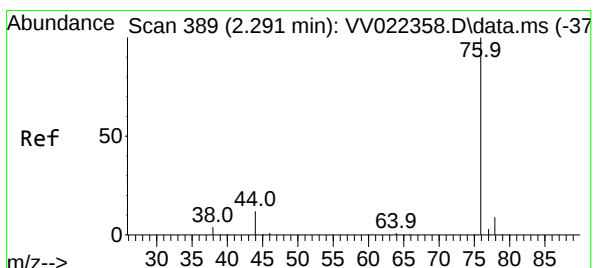
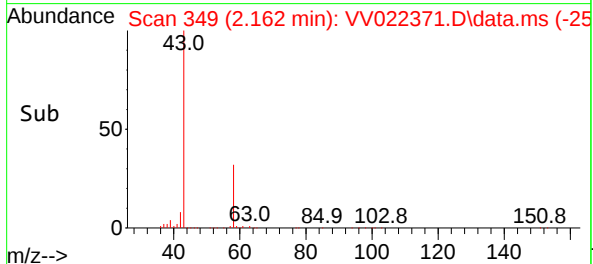
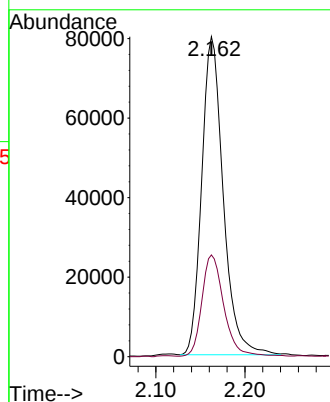
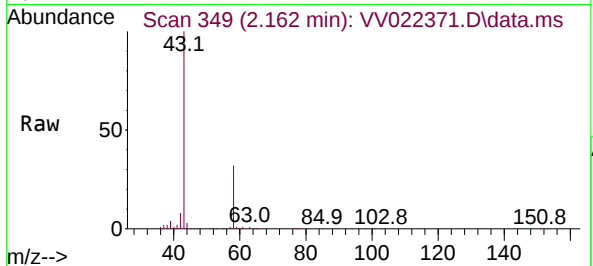




#13
Acetone
Concen: 107.910 ug/L
RT: 2.162 min Scan# 349
Delta R.T. 0.003 min
Lab File: VV022371.D
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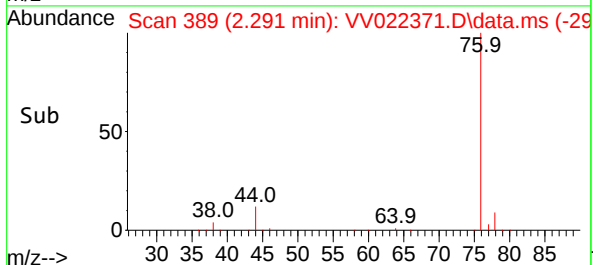
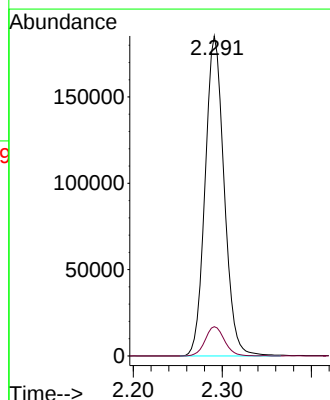
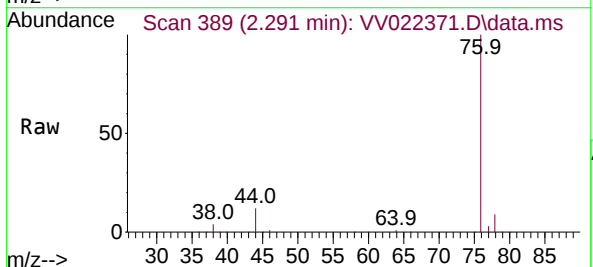
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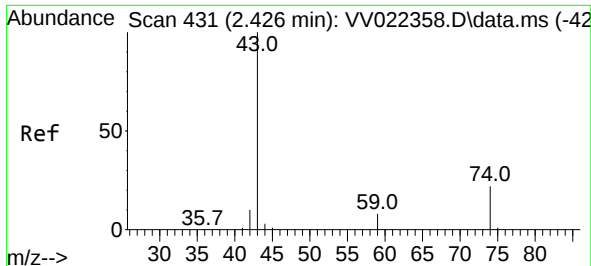
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Ion Ratio Lower Upper
43 100
58 33.0 0.0 67.2



#14
Carbon disulfide
Concen: 50.469 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

Tgt Ion: 76 Resp: 274367
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

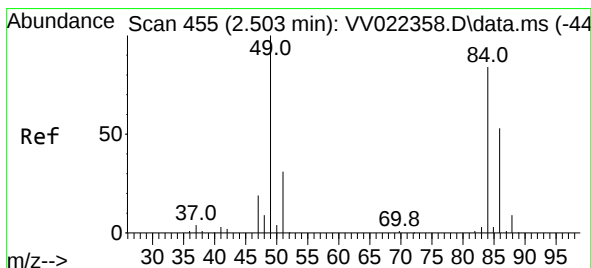
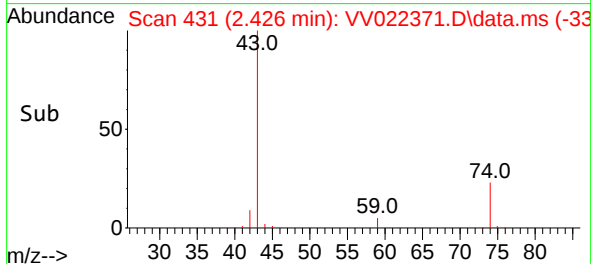
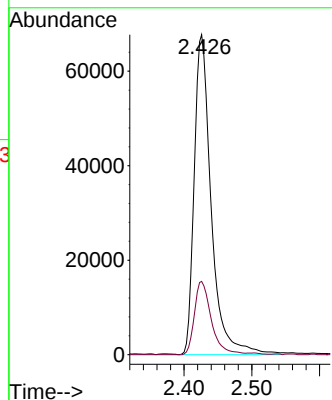
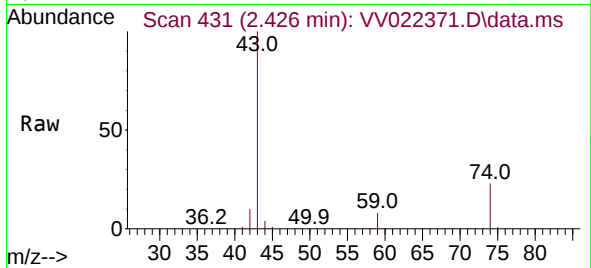




#15
Methyl Acetate
Concen: 50.898 ug/L
RT: 2.426 min Scan# 431
Delta R.T. -0.000 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

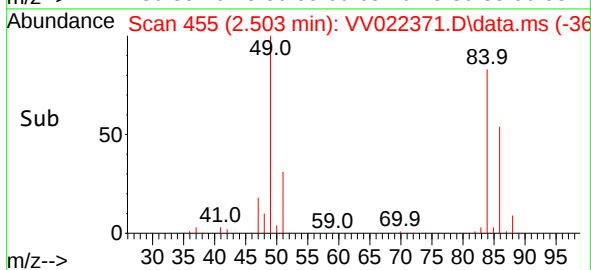
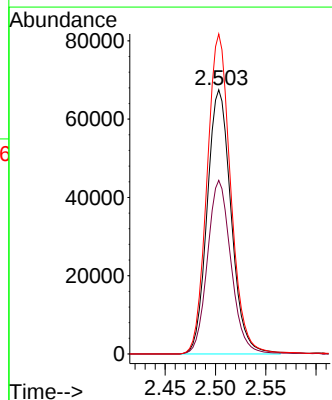
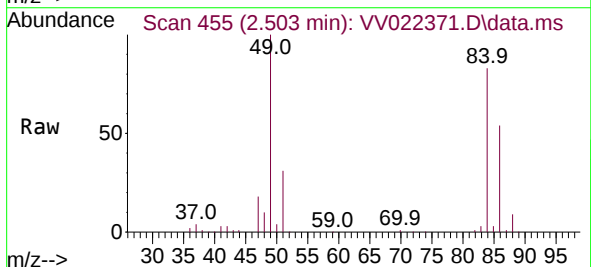
Instrument :
MSVOA_V
ClientSampleId :
VSTD050349

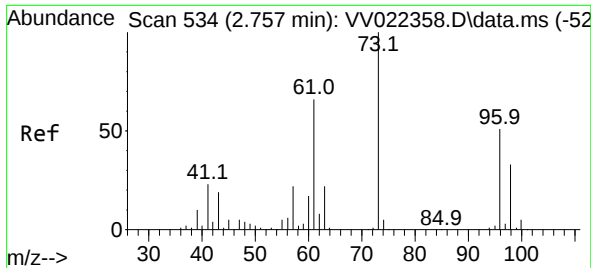
Tgt Ion: 43 Resp: 118123
Ion Ratio Lower Upper
43 100
74 22.7 19.0 28.6



#16
Methylene chloride
Concen: 46.049 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

Tgt Ion: 84 Resp: 111814
Ion Ratio Lower Upper
84 100
86 65.7 44.6 82.8
49 121.1 85.3 158.3

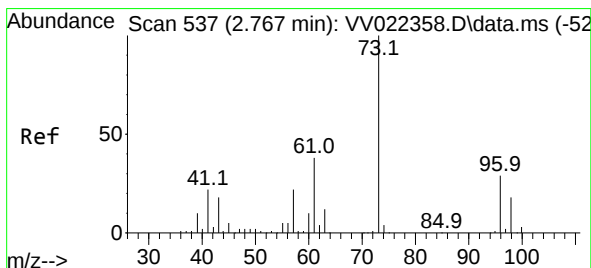
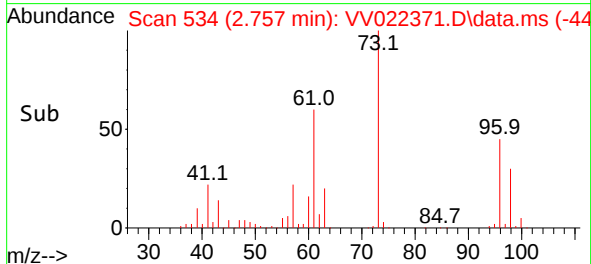
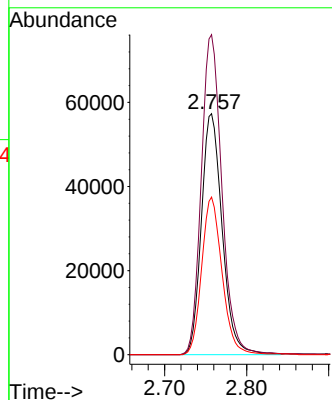
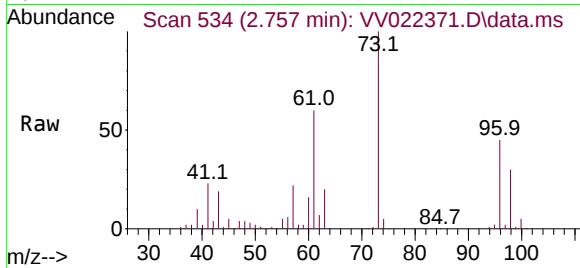




#17
trans-1,2-Dichloroethene
Concen: 50.258 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

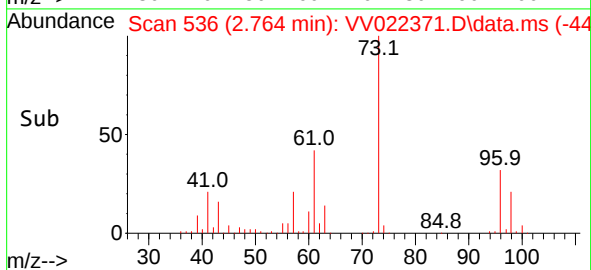
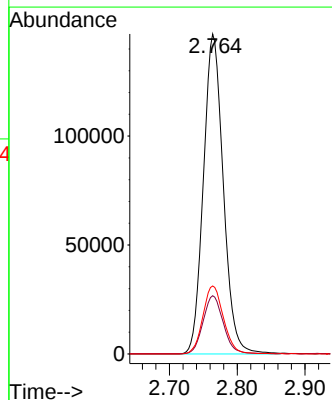
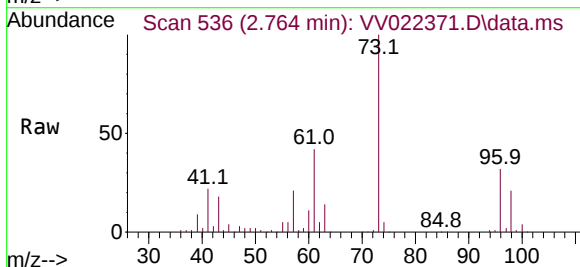
Instrument :
MSVOA_V
ClientSampleId :
VSTD050349

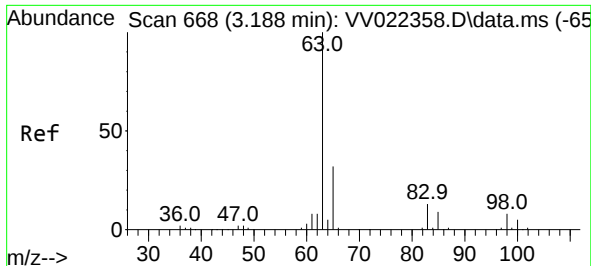
Tgt Ion: 96 Resp: 100982
Ion Ratio Lower Upper
96 100
61 132.8 92.7 172.1
98 65.4 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 50.112 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

Tgt Ion: 73 Resp: 299425
Ion Ratio Lower Upper
73 100
43 18.3 14.6 21.8
57 22.1 17.6 26.4





#19

1,1-Dichloroethane

Concen: 50.677 ug/L

RT: 3.185 min Scan# 667

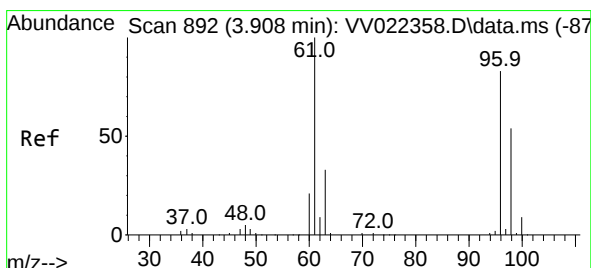
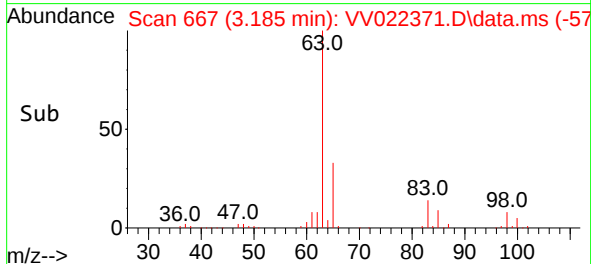
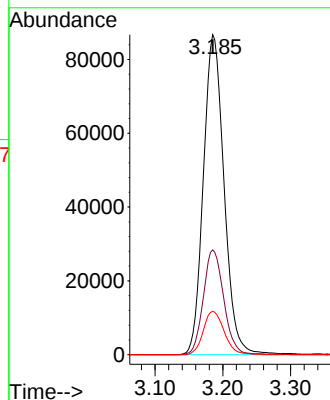
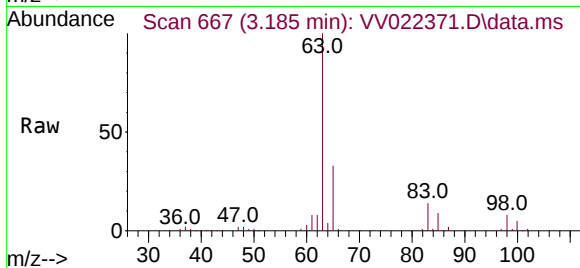
Delta R.T. -0.003 min

Lab File: VV022371.D

Acq: 29 Sep 2021 12:29

Tgt Ion: 63 Resp: 183795

Ion	Ratio	Lower	Upper
63	100		
65	32.7	22.3	41.3
83	13.5	9.4	17.4



#20

cis-1,2-Dichloroethene

Concen: 49.887 ug/L

RT: 3.908 min Scan# 892

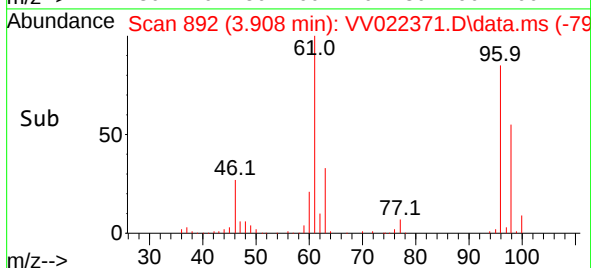
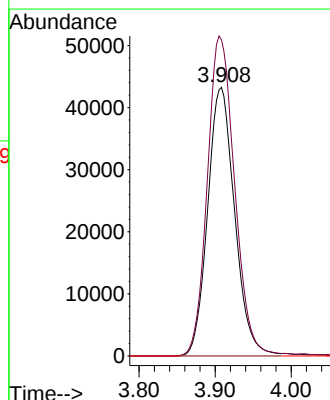
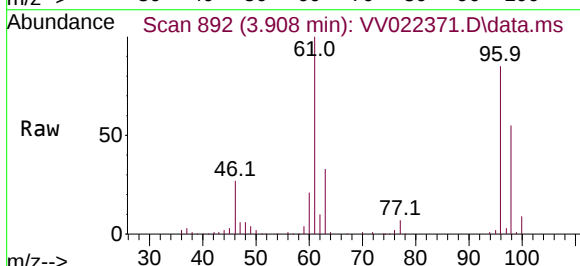
Delta R.T. -0.000 min

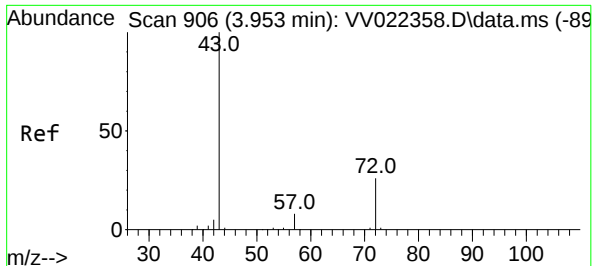
Lab File: VV022371.D

Acq: 29 Sep 2021 12:29

Tgt Ion: 96 Resp: 106757

Ion	Ratio	Lower	Upper
96	100		
61	117.7	84.6	157.0
68	0.0	0.0	0.0

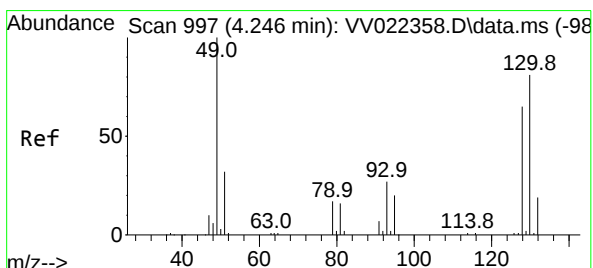
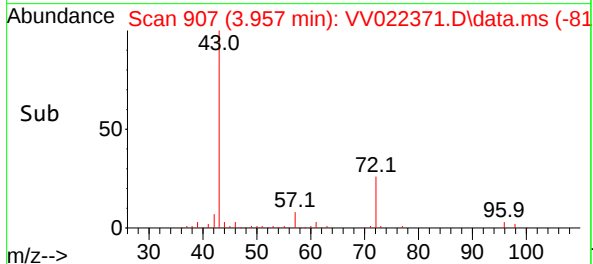
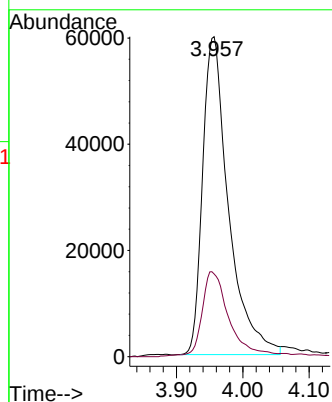
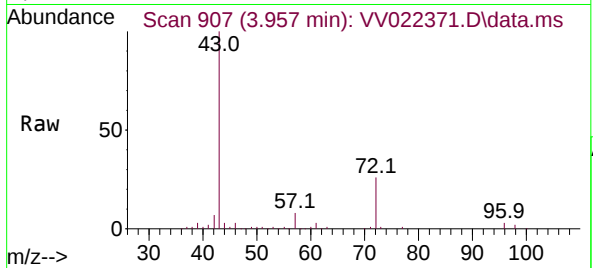




#22
2-Butanone
Concen: 99.157 ug/L
RT: 3.957 min Scan# 907
Delta R.T. 0.003 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

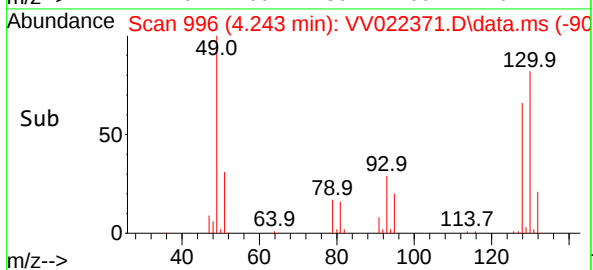
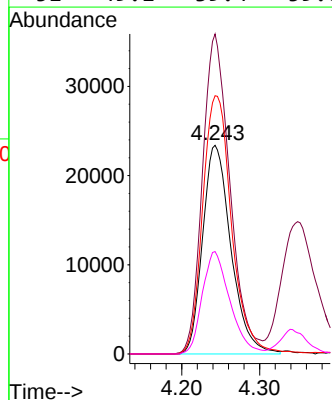
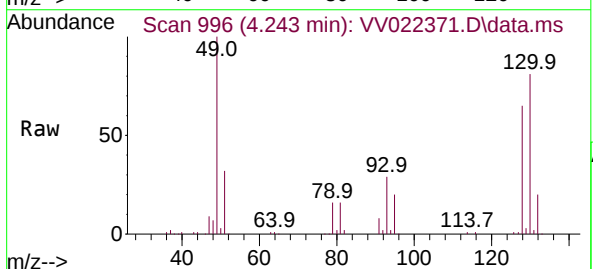
Instrument :
MSVOA_V
ClientSampleId :
VSTD050349

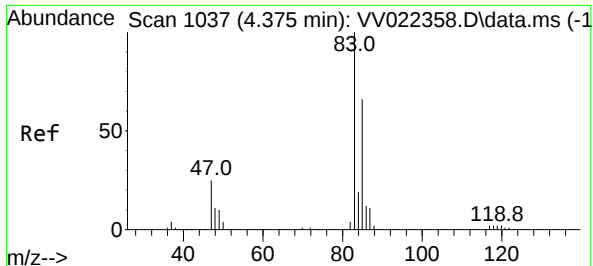
Tgt Ion: 43 Resp: 162414
Ion Ratio Lower Upper
43 100
72 27.9 13.8 41.4



#23
Bromochloromethane
Concen: 50.830 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.003 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

Tgt Ion:128 Resp: 58971
Ion Ratio Lower Upper
128 100
49 153.3 109.1 202.7
130 123.8 89.3 165.9
51 49.1 39.4 59.0





#25

Chloroform

Concen: 49.110 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV022371.D

Acq: 29 Sep 2021 12:29

Tgt Ion: 83 Resp: 183478

Ion Ratio Lower Upper

83 100

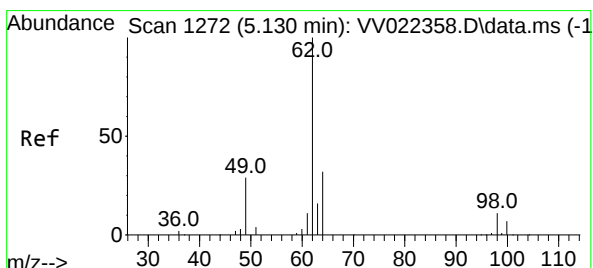
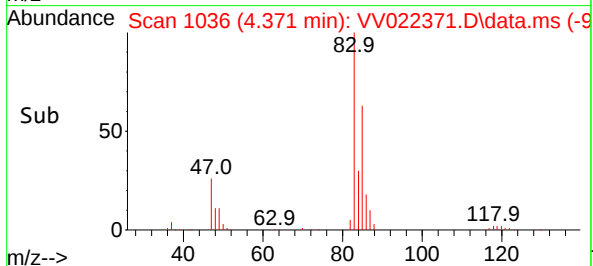
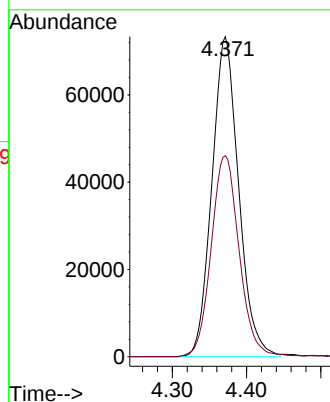
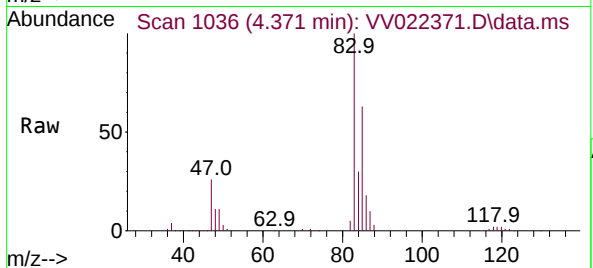
85 62.8 46.5 86.3

Instrument :

MSVOA_V

ClientSampleId :

VSTD050349



#27

1,2-Dichloroethane

Concen: 49.978 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.007 min

Lab File: VV022371.D

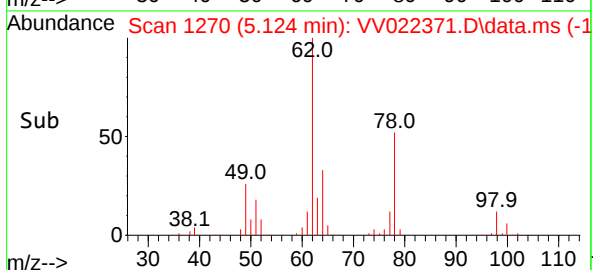
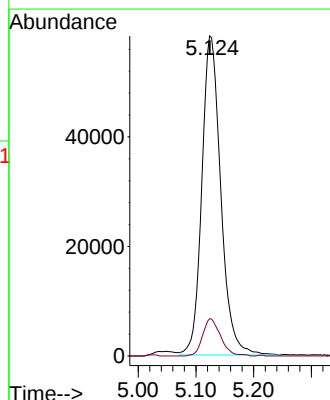
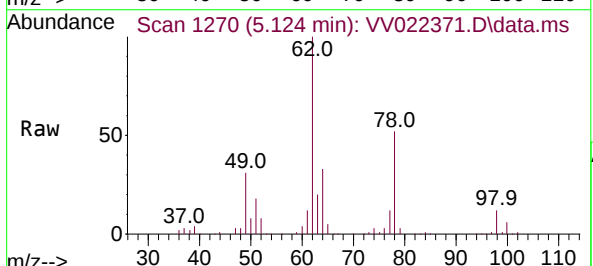
Acq: 29 Sep 2021 12:29

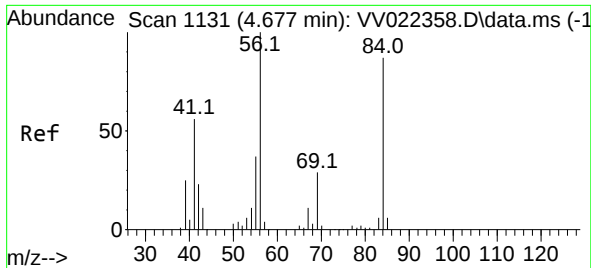
Tgt Ion: 62 Resp: 132776

Ion Ratio Lower Upper

62 100

98 11.6 8.9 13.3

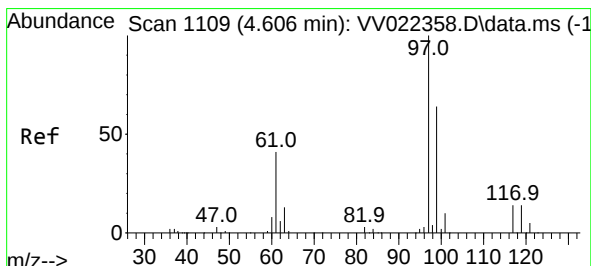
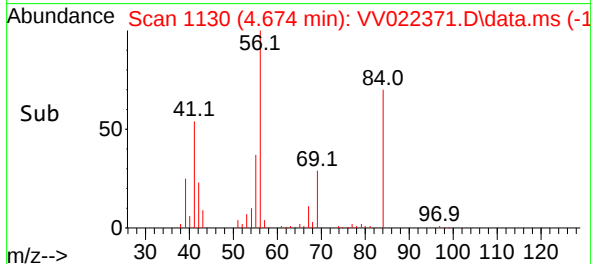
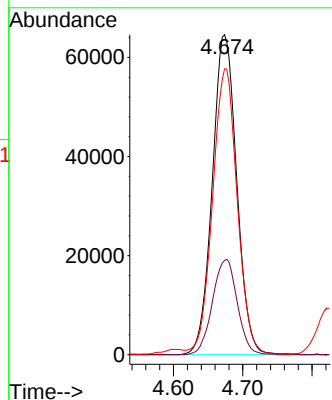
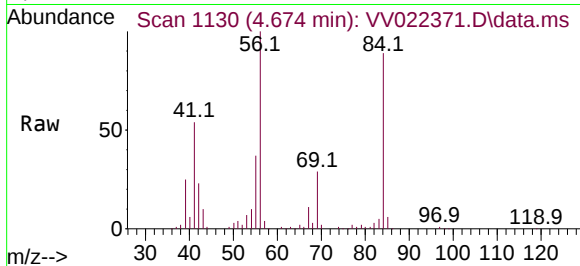




#29
Cyclohexane
Concen: 52.614 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

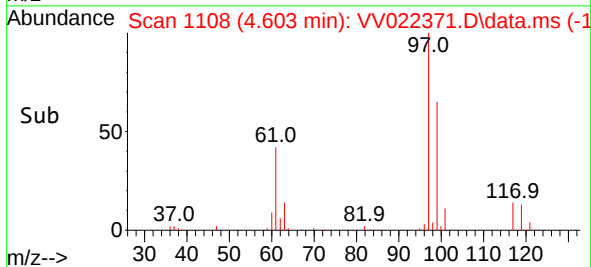
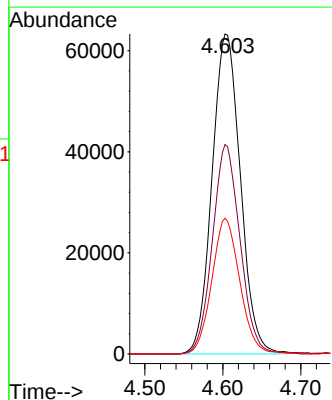
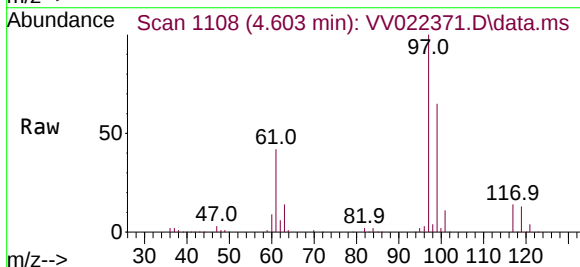
Instrument :
MSVOA_V
ClientSampleId :
VSTD050349

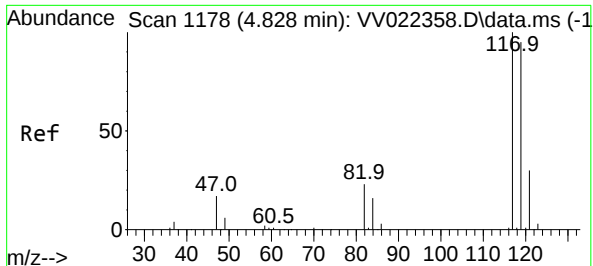
Tgt Ion:	56	Resp:	158253
Ion Ratio	Lower	Upper	
56	100		
69	30.2	24.6	37.0
84	90.0	71.8	107.8



#30
1,1,1-Trichloroethane
Concen: 51.889 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. -0.003 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

Tgt Ion:	97	Resp:	159865
Ion Ratio	Lower	Upper	
97	100		
99	63.9	51.2	76.8
61	41.7	33.7	50.5

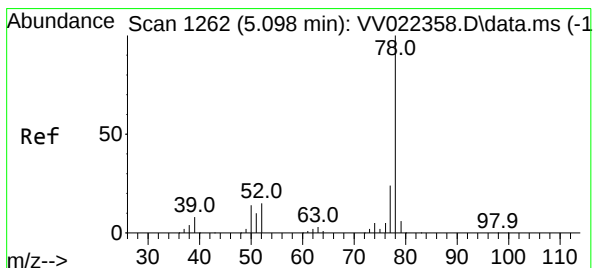
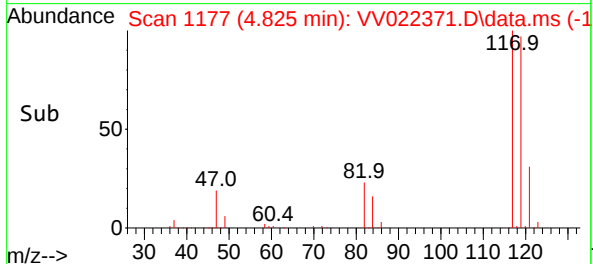
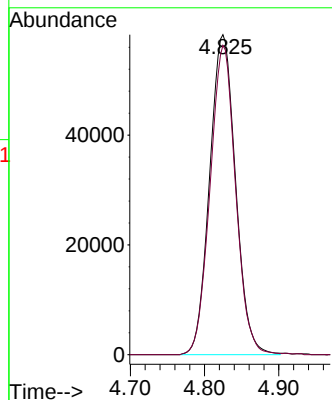
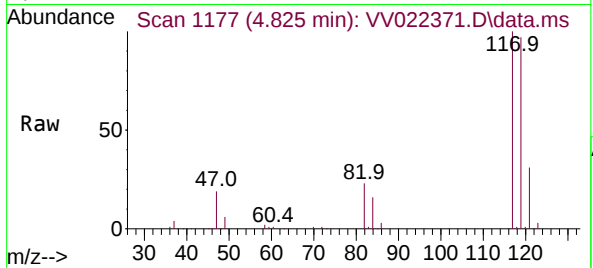




#31
Carbon tetrachloride
Concen: 52.137 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

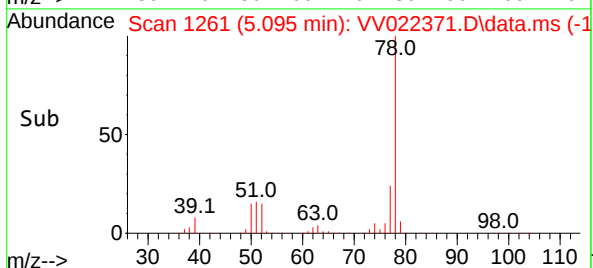
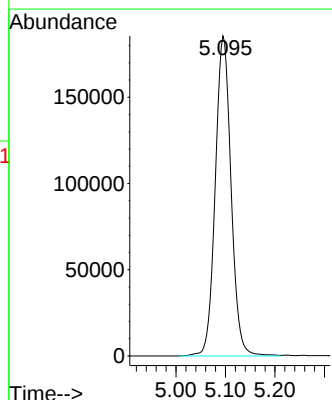
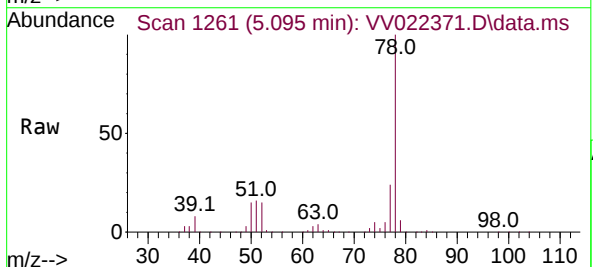
Instrument :
MSVOA_V
ClientSampleId :
VSTD050349

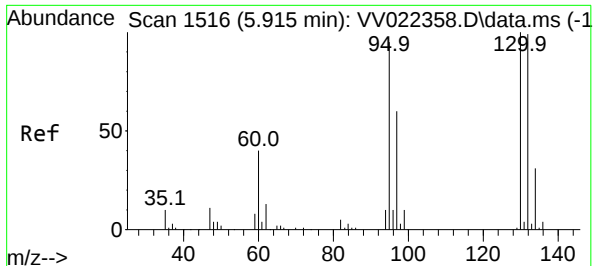
Tgt Ion:117 Resp: 141468
Ion Ratio Lower Upper
117 100
119 95.0 77.1 115.7



#33
Benzene
Concen: 52.507 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

Tgt Ion: 78 Resp: 411313





#34

Trichloroethene

Concen: 50.808 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. -0.003 min

Lab File: VV022371.D

Acq: 29 Sep 2021 12:29

Tgt Ion: 95 Resp: 102353

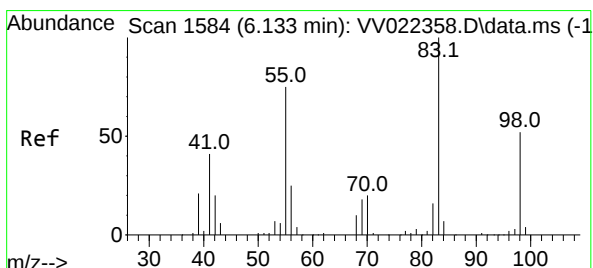
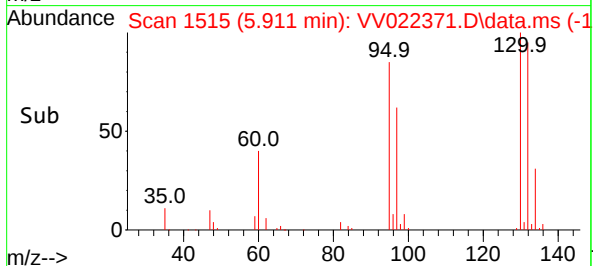
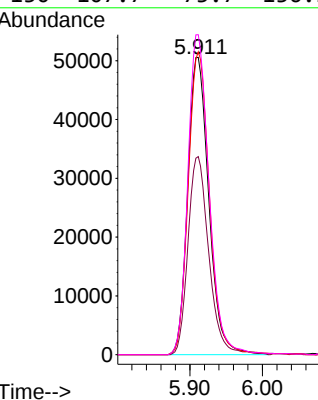
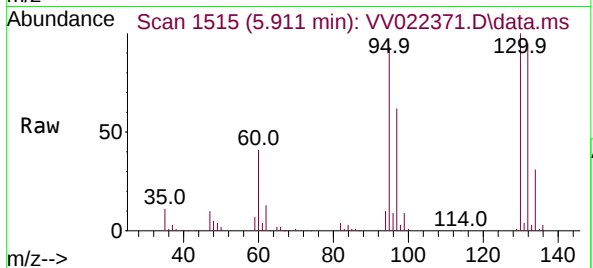
Ion Ratio Lower Upper

95 100

97 66.6 45.2 84.0

132 101.9 71.0 131.8

130 107.7 73.7 136.9



#35

Methylcyclohexane

Concen: 53.650 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. -0.003 min

Lab File: VV022371.D

Acq: 29 Sep 2021 12:29

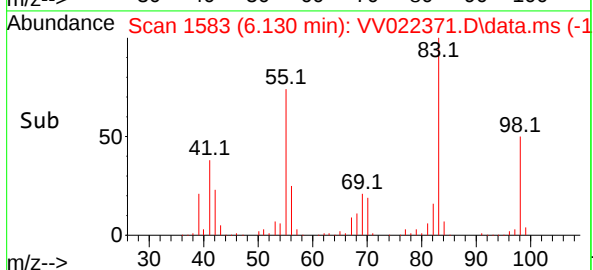
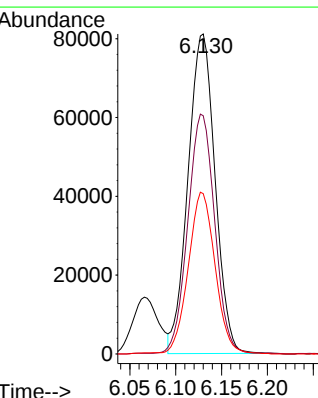
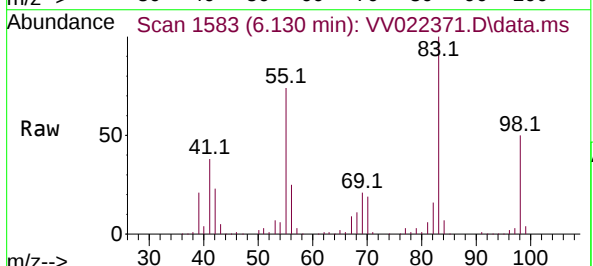
Tgt Ion: 83 Resp: 166498

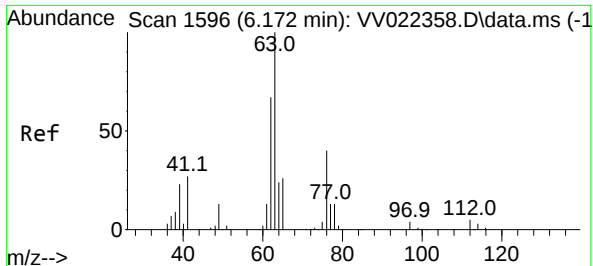
Ion Ratio Lower Upper

83 100

55 74.2 58.6 87.8

98 49.8 39.2 58.8

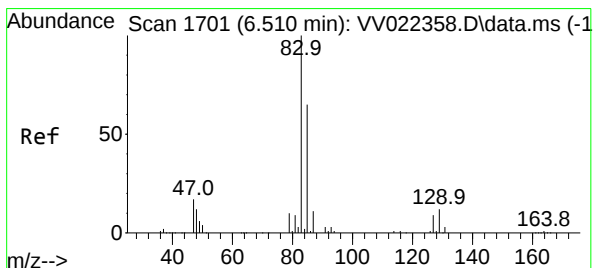
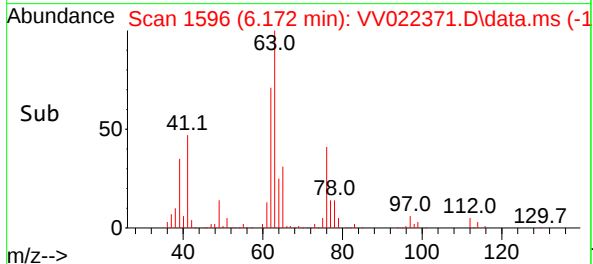
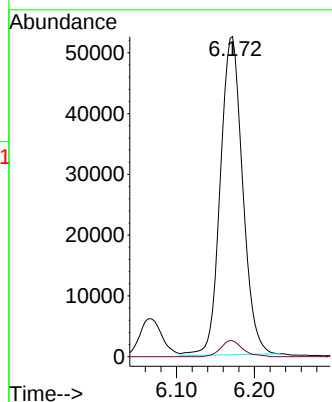
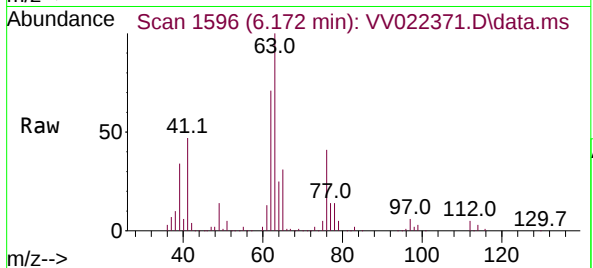




#37
1,2-Dichloropropane
Concen: 51.840 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

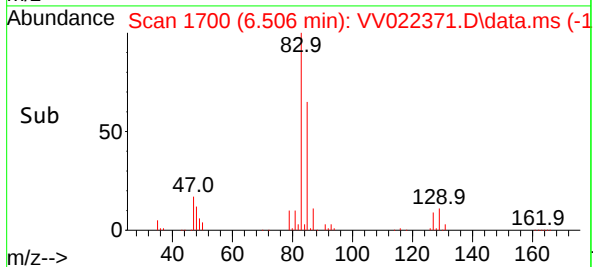
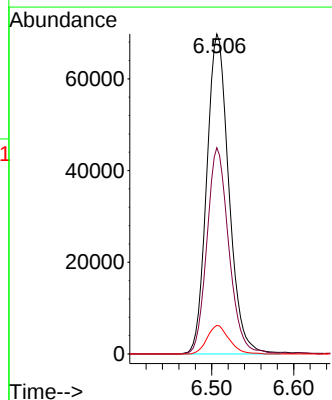
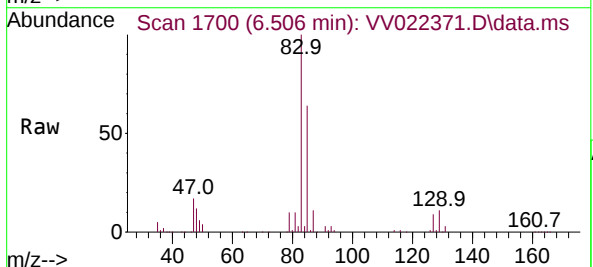
Instrument :
MSVOA_V
ClientSampleId :
VSTD050349

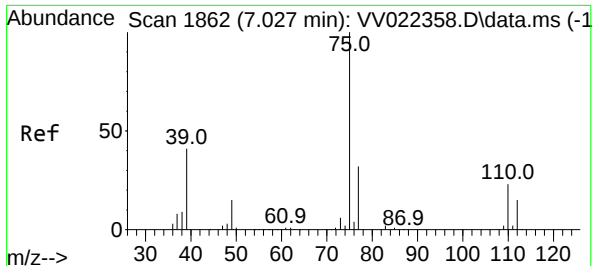
Tgt Ion: 63 Resp: 104219
Ion Ratio Lower Upper
63 100
112 5.0 3.9 5.9



#38
Bromodichloromethane
Concen: 50.917 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

Tgt Ion: 83 Resp: 130882
Ion Ratio Lower Upper
83 100
85 64.5 43.2 80.2
127 8.9 6.6 10.0

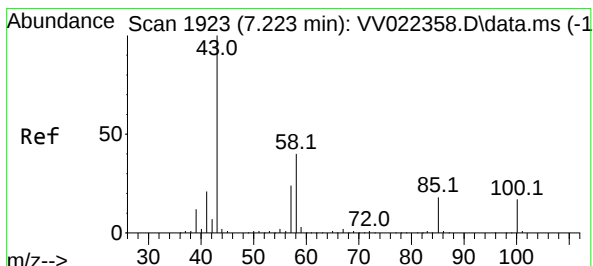
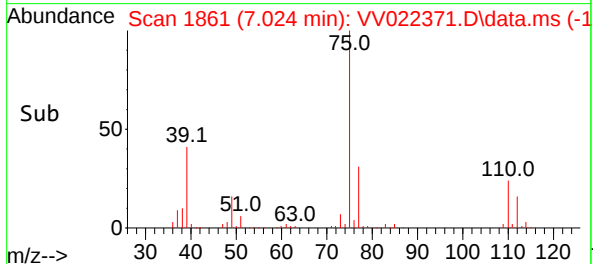
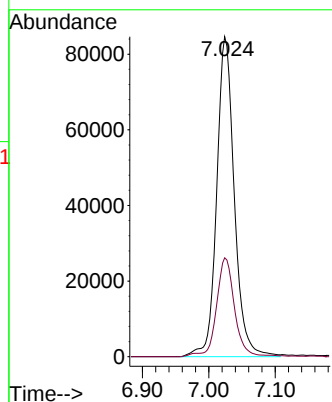
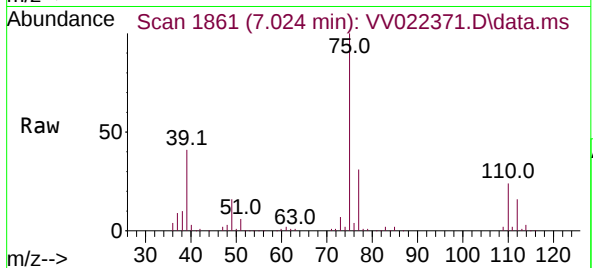




#39
 cis-1,3-Dichloropropene
 Concen: 52.893 ug/L
 RT: 7.024 min Scan# 1861
 Delta R.T. -0.003 min
 Lab File: VV022371.D
 Acq: 29 Sep 2021 12:29

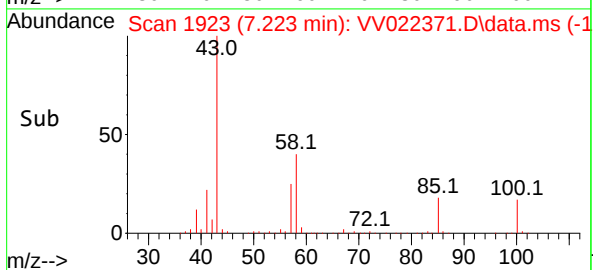
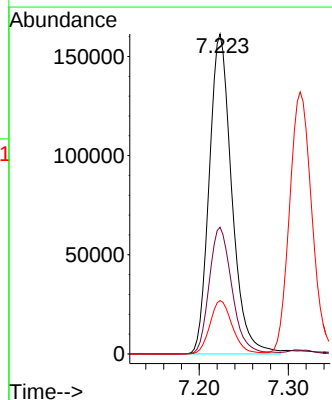
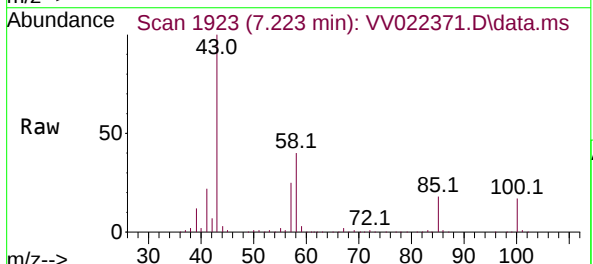
Instrument :
 MSVOA_V
 ClientSampleID :
 VSTD050349

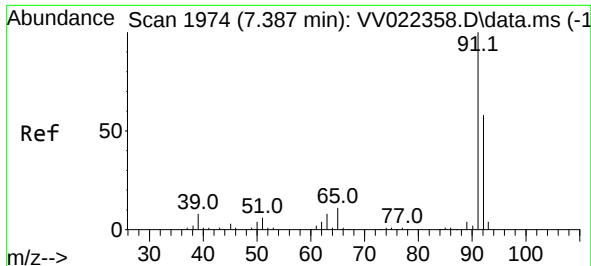
Tgt Ion: 75 Resp: 156513
 Ion Ratio Lower Upper
 75 100
 77 30.9 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 100.191 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. -0.000 min
 Lab File: VV022371.D
 Acq: 29 Sep 2021 12:29

Tgt Ion: 43 Resp: 283427
 Ion Ratio Lower Upper
 43 100
 58 40.1 31.6 47.4
 100 16.6 13.1 19.7

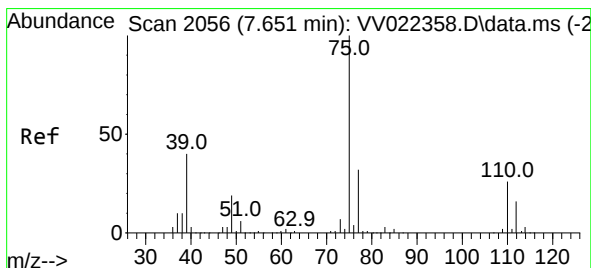
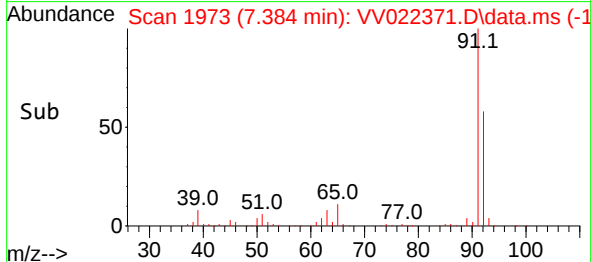
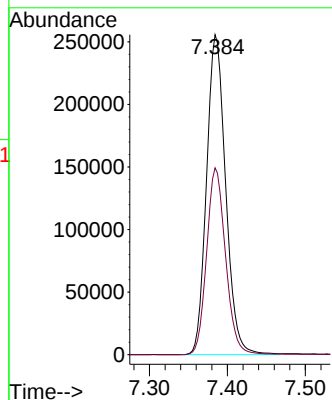
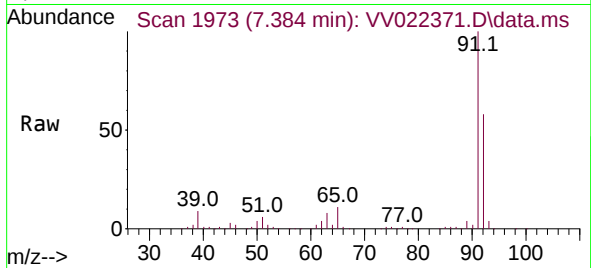




#42
Toluene
Concen: 52.220 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.003 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

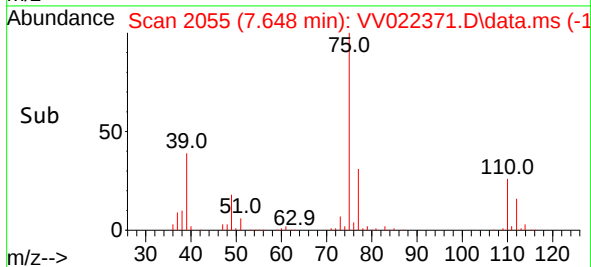
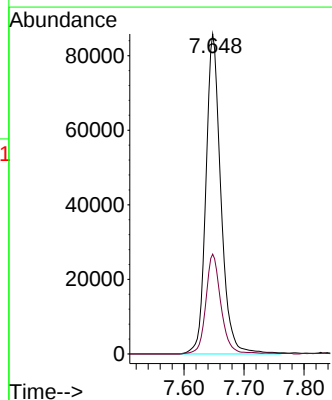
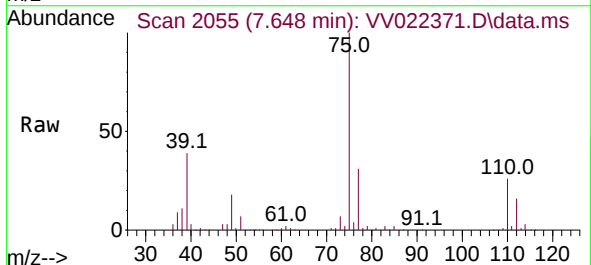
Instrument :
MSVOA_V
ClientSampleId :
VSTD050349

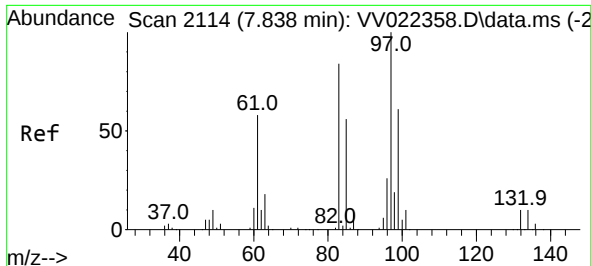
Tgt Ion: 91 Resp: 436644
Ion Ratio Lower Upper
91 100
92 58.4 40.2 74.6



#44
trans-1,3-Dichloropropene
Concen: 52.899 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

Tgt Ion: 75 Resp: 149454
Ion Ratio Lower Upper
75 100
77 31.2 22.3 41.3



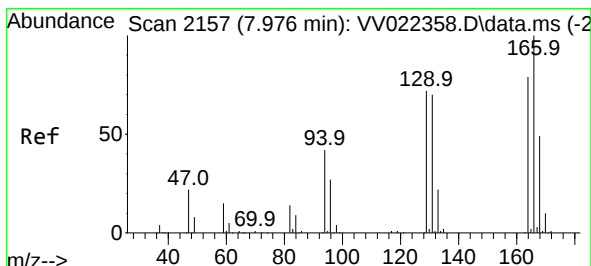
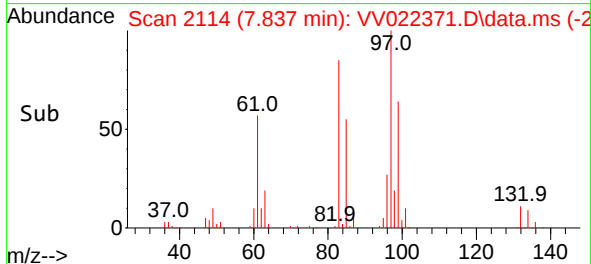
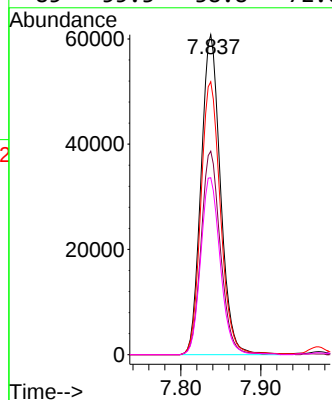
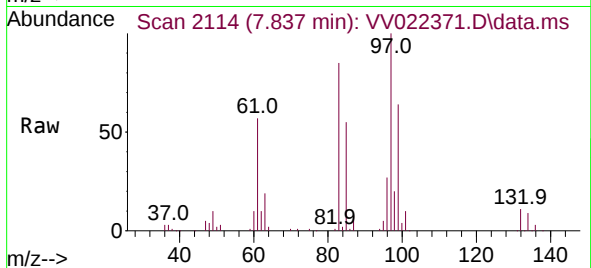


#45

1,1,2-Trichloroethane
Concen: 50.441 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

Instrument :
MSVOA_V
ClientSampleId :
VSTD050349

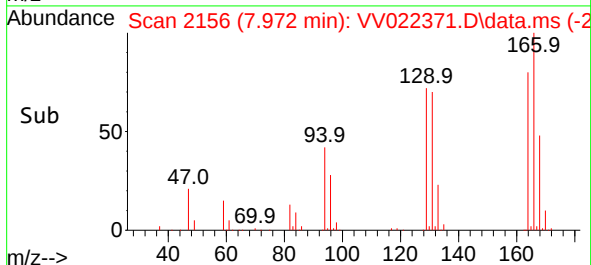
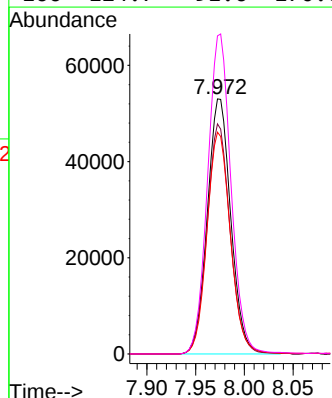
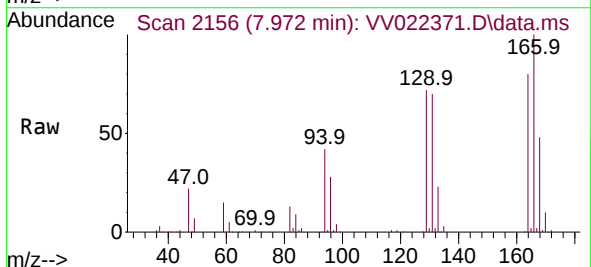
Tgt Ion:	97	Resp:	103204
Ion	Ratio	Lower	Upper
97	100		
99	63.6	44.6	82.8
83	85.3	59.8	111.1
85	55.3	38.8	72.0

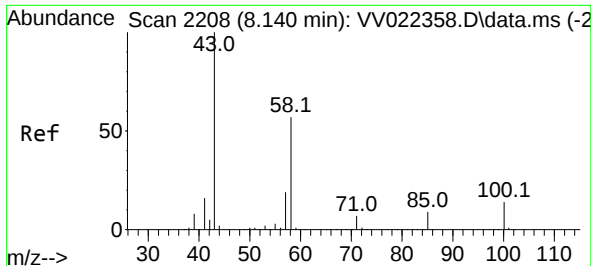


#46

Tetrachloroethene
Concen: 53.757 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

Tgt Ion:	164	Resp:	89167
Ion	Ratio	Lower	Upper
164	100		
129	90.2	66.4	123.4
131	86.9	63.6	118.0
166	124.7	91.6	170.0



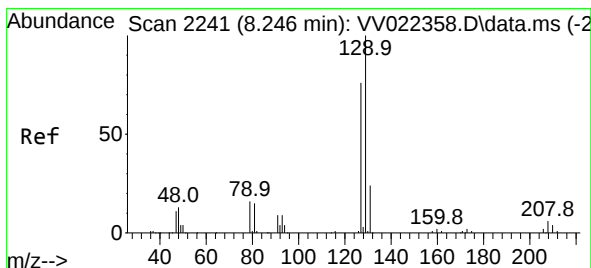
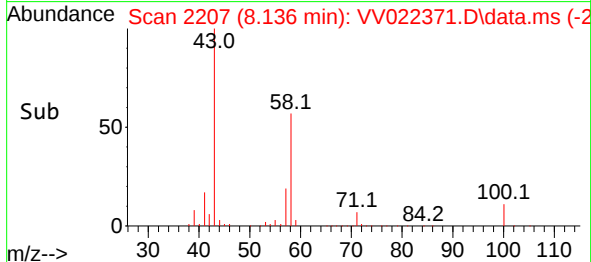
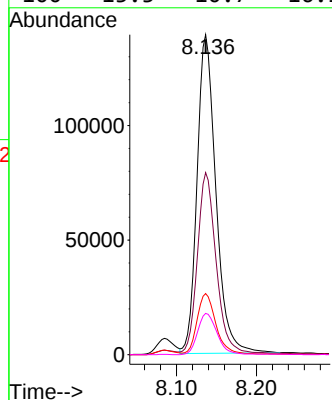
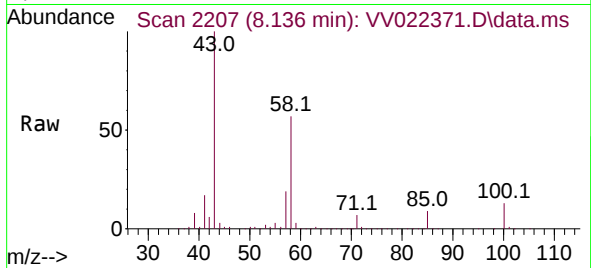


#48
2-Hexanone
Concen: 106.386 ug/L
RT: 8.136 min Scan# 2207
Delta R.T. -0.003 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

Instrument :
MSVOA_V
ClientSampleId :
VSTD050349

Tgt Ion: 43 Resp: 228554

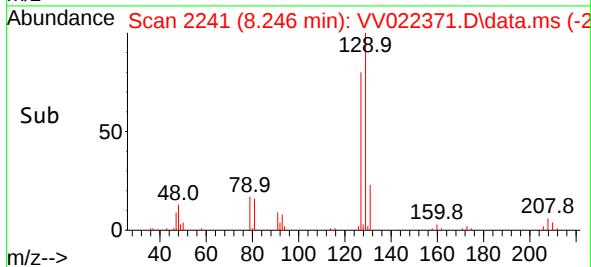
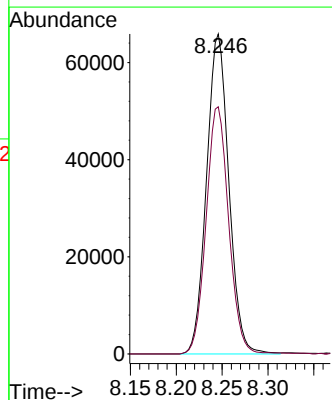
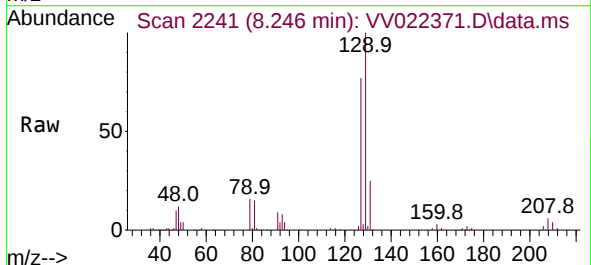
Ion	Ratio	Lower	Upper
43	100		
58	55.6	45.4	68.2
57	18.4	15.0	22.4
100	13.3	10.7	16.1

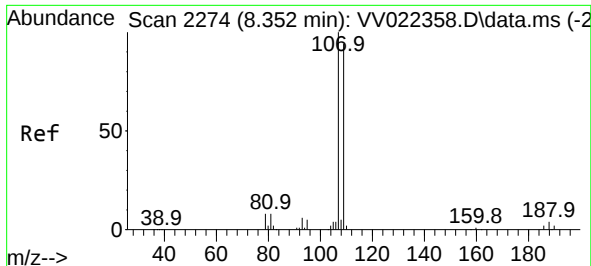


#49
Dibromochloromethane
Concen: 51.555 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

Tgt Ion: 129 Resp: 111620

Ion	Ratio	Lower	Upper
129	100		
127	77.3	54.7	101.7





#50

1,2-Dibromoethane

Concen: 50.047 ug/L

RT: 8.349 min Scan# 2273

Delta R.T. -0.003 min

Lab File: VV022371.D

Acq: 29 Sep 2021 12:29

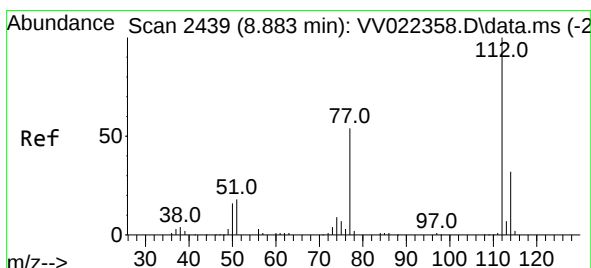
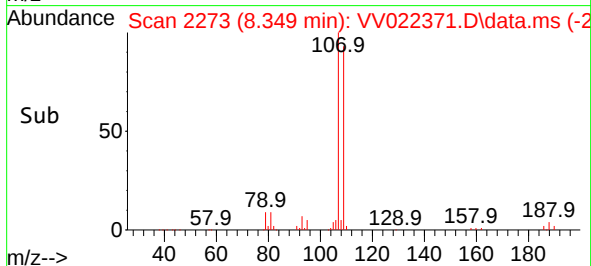
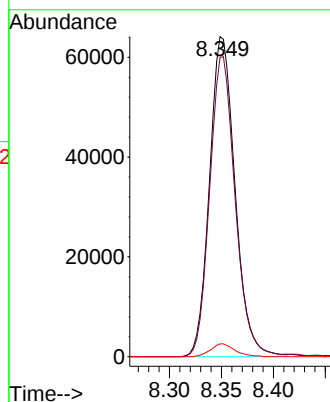
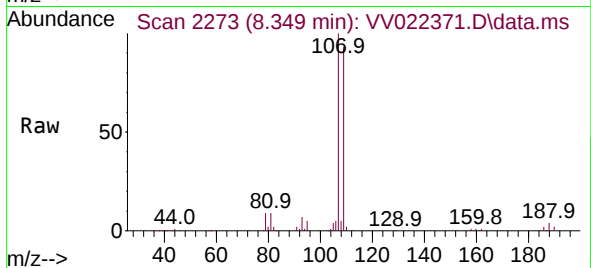
Instrument :

MSVOA_V

ClientSampleId :

VSTD050349

Tgt Ion:	107	Resp:	109454
Ion	Ratio	Lower	Upper
107	100		
109	93.5	64.7	120.1
188	4.0	2.9	4.3



#51

Chlorobenzene

Concen: 50.632 ug/L

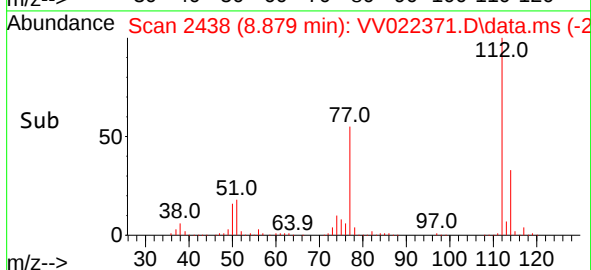
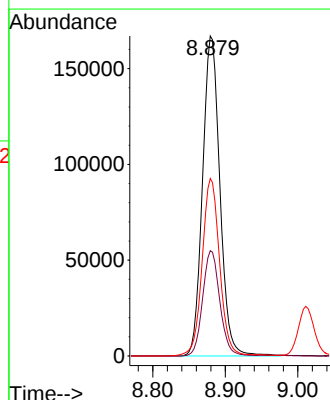
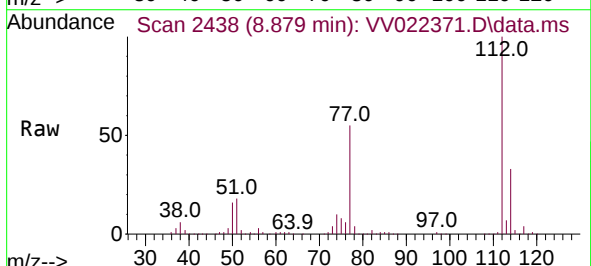
RT: 8.879 min Scan# 2438

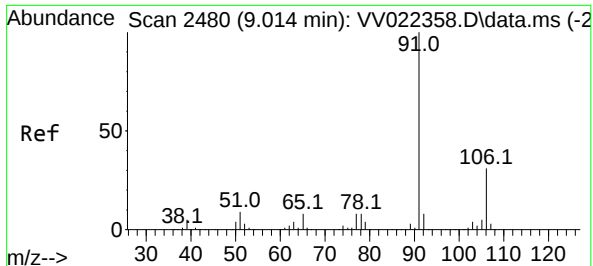
Delta R.T. -0.003 min

Lab File: VV022371.D

Acq: 29 Sep 2021 12:29

Tgt Ion:	112	Resp:	278528
Ion	Ratio	Lower	Upper
112	100		
114	32.9	22.7	42.1
77	55.5	43.9	65.9





#52

Ethylbenzene

Concen: 51.865 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.003 min

Lab File: VV022371.D

Acq: 29 Sep 2021 12:29

Tgt Ion: 91 Resp: 454238

Ion Ratio Lower Upper

91 100

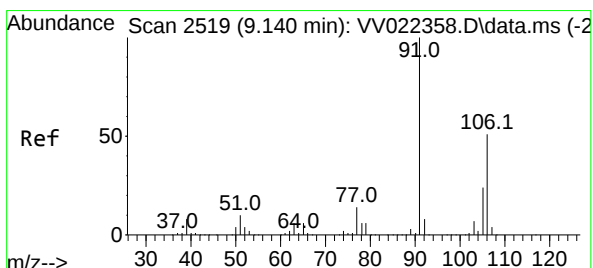
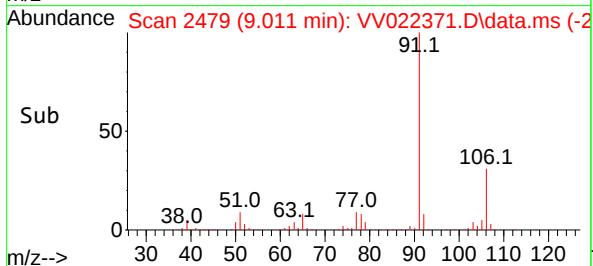
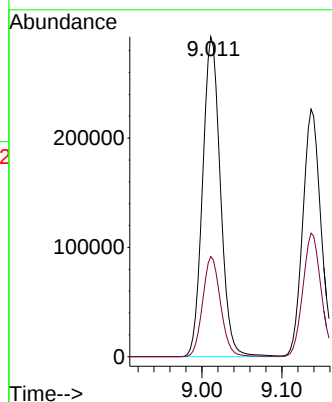
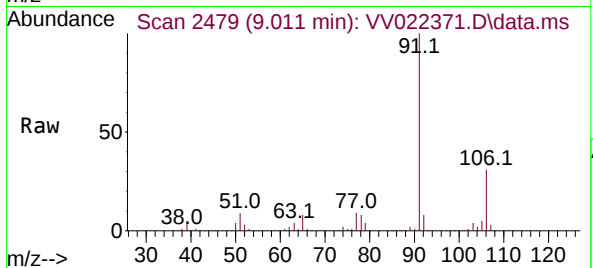
106 31.3 22.0 40.8

Instrument :

MSVOA_V

ClientSampleId :

VSTD050349



#53

m,p-Xylene

Concen: 53.044 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.003 min

Lab File: VV022371.D

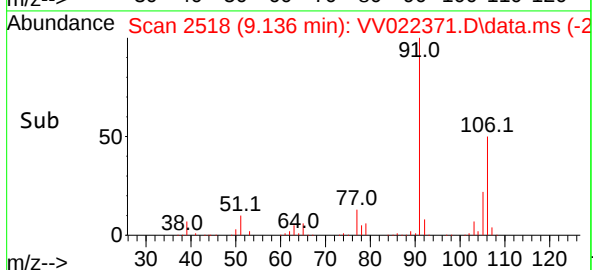
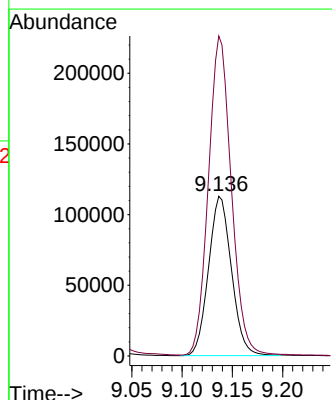
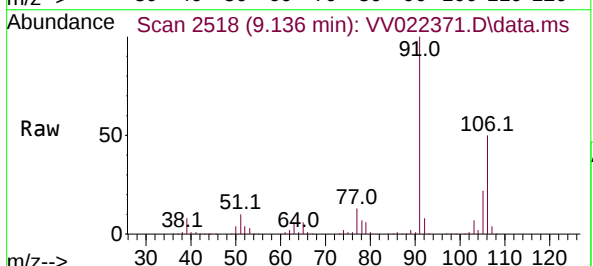
Acq: 29 Sep 2021 12:29

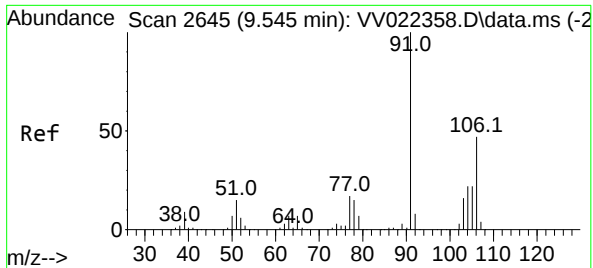
Tgt Ion: 106 Resp: 178909

Ion Ratio Lower Upper

106 100

91 200.4 139.2 258.6

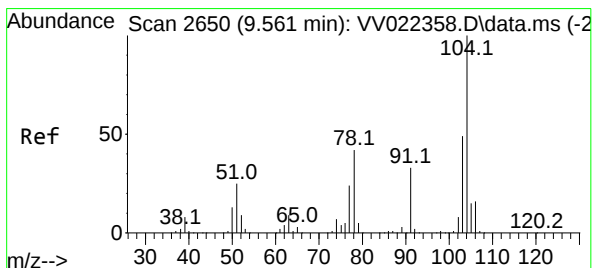
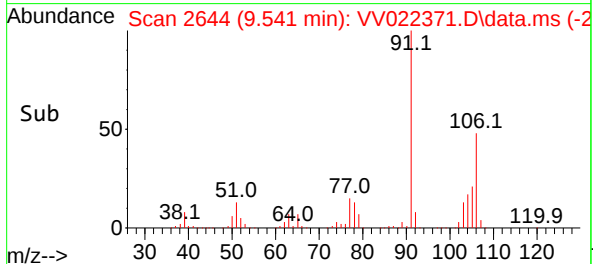
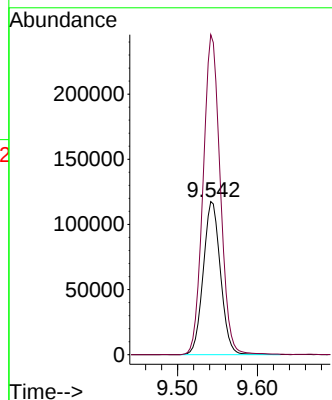
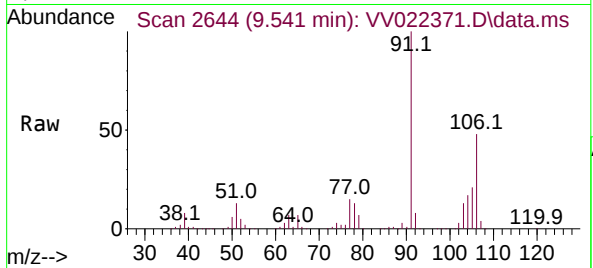




#54
o-Xylene
Concen: 53.857 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

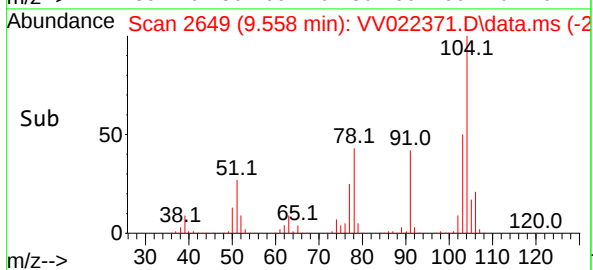
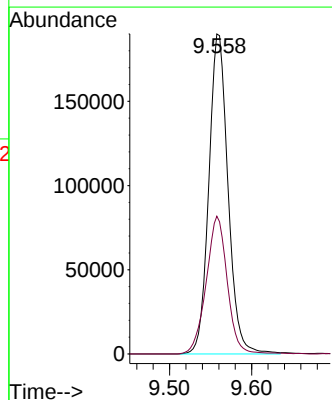
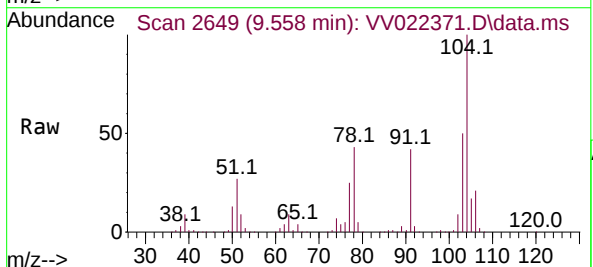
Instrument :
MSVOA_V
ClientSampleId :
VSTD050349

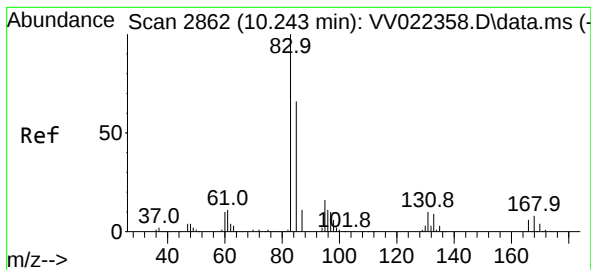
Tgt Ion:106 Resp: 176503
Ion Ratio Lower Upper
106 100
91 208.9 144.9 269.1



#55
Styrene
Concen: 54.155 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

Tgt Ion:104 Resp: 308570
Ion Ratio Lower Upper
104 100
78 43.1 28.6 53.2

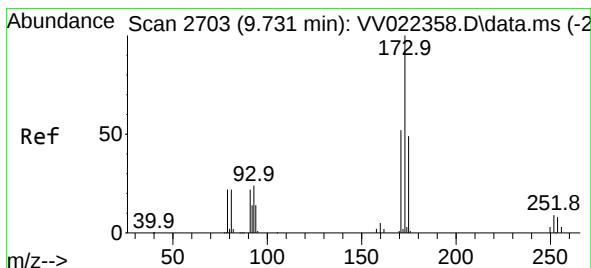
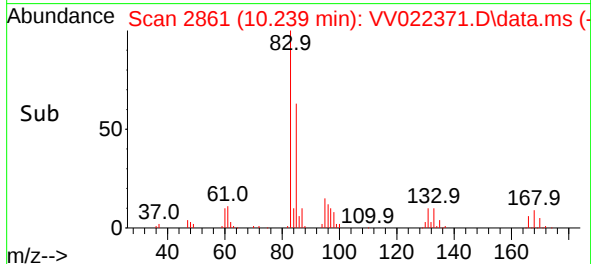
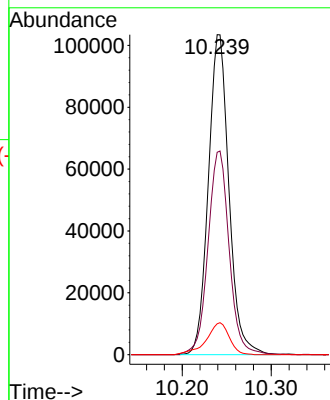
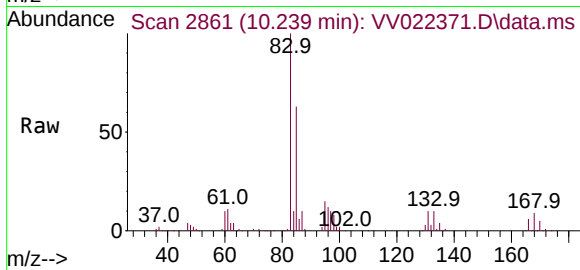




#57
1,1,2,2-Tetrachloroethane
Concen: 48.882 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.003 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

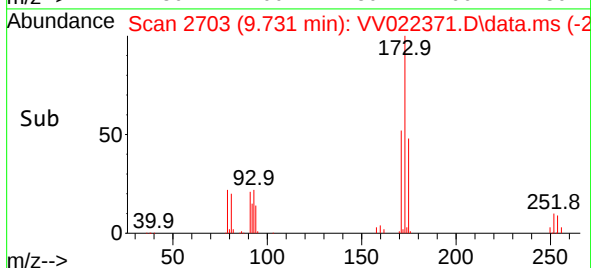
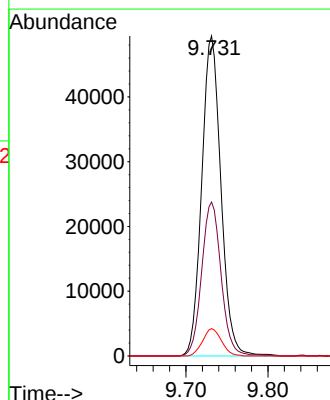
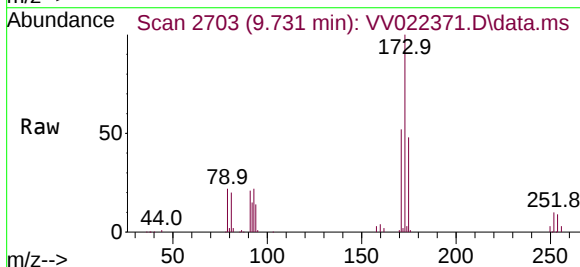
Instrument :
MSVOA_V
ClientSampleId :
VSTD050349

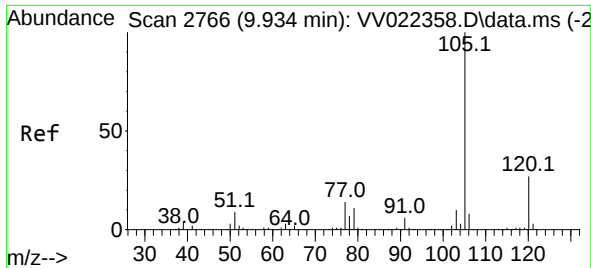
Tgt Ion:	83	Resp:	165549
Ion	Ratio	Lower	Upper
83	100		
85	63.2	44.6	82.8
131	9.7	7.8	11.8



#59
Bromoform
Concen: 51.502 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

Tgt Ion:	173	Resp:	80394
Ion	Ratio	Lower	Upper
173	100		
175	48.3	40.1	60.1
254	8.4	6.9	10.3

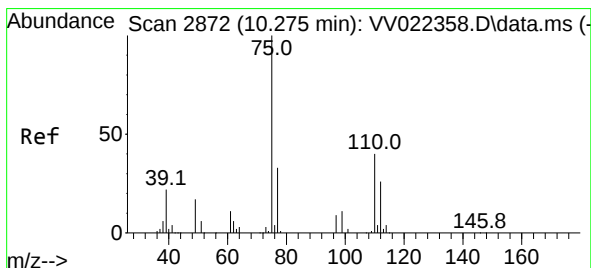
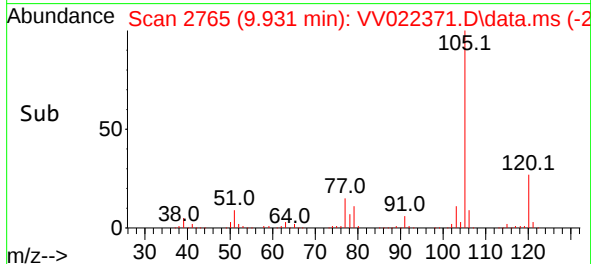
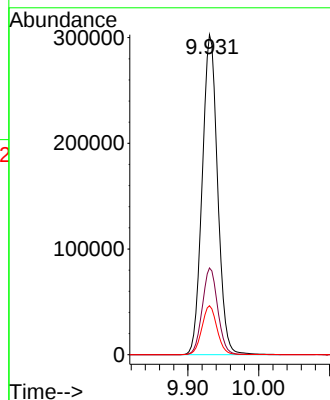
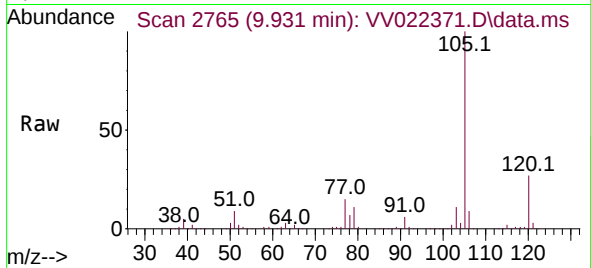




#60
Isopropylbenzene
Concen: 53.253 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.003 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

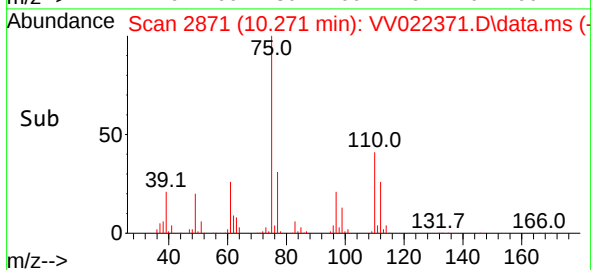
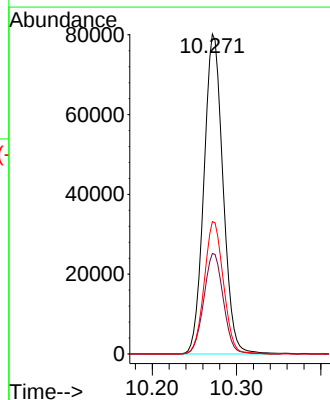
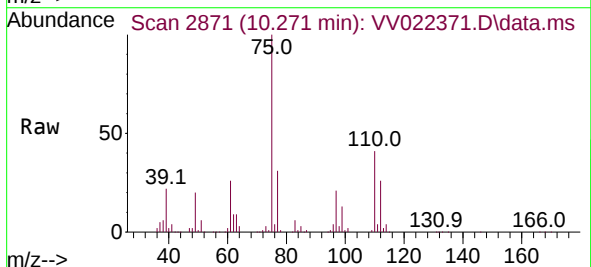
Instrument :
MSVOA_V
ClientSampleId :
VSTD050349

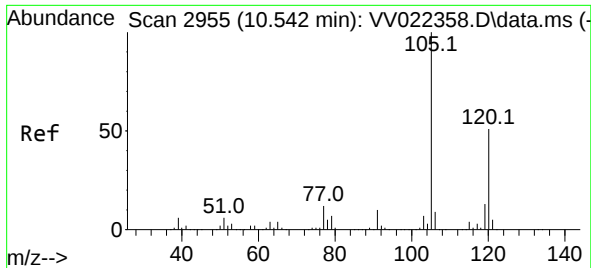
Tgt Ion:105 Resp: 456400
Ion Ratio Lower Upper
105 100
120 27.3 21.5 32.3
77 15.2 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 48.788 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

Tgt Ion: 75 Resp: 126646
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0
110 41.5 32.6 48.8

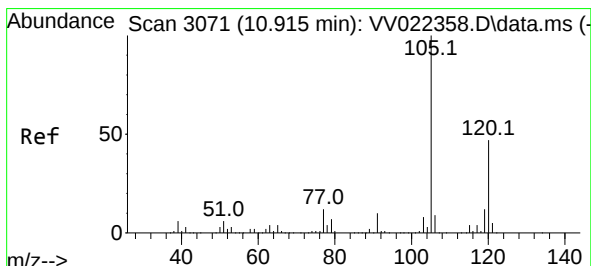
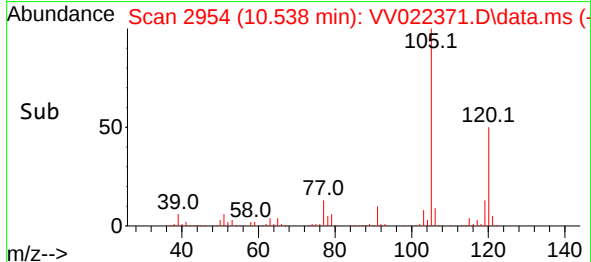
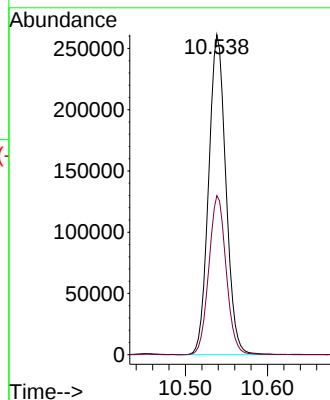
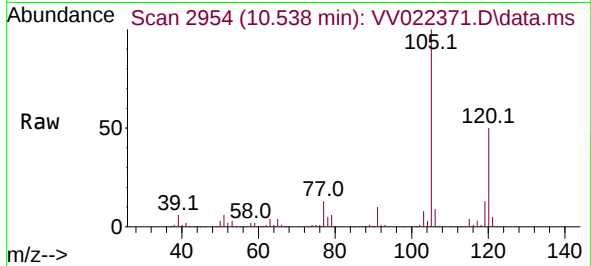




#62
1,3,5-Trimethylbenzene
Concen: 54.176 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

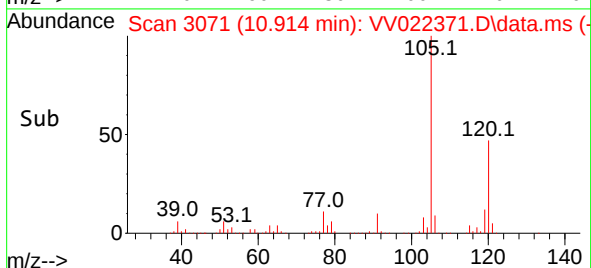
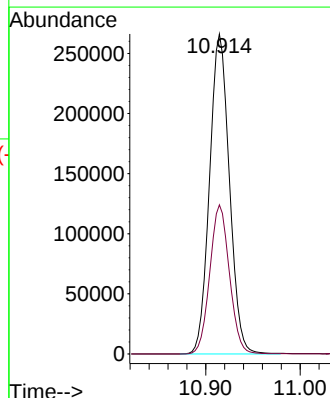
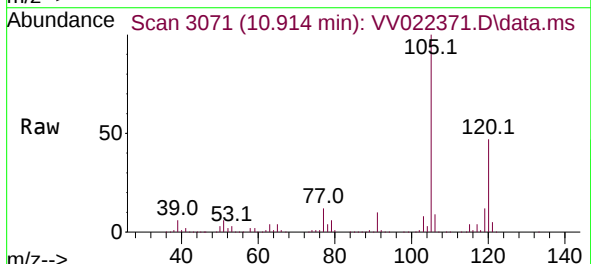
Instrument :
MSVOA_V
ClientSampleId :
VSTD050349

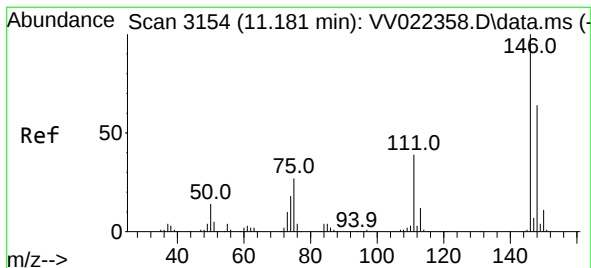
Tgt Ion:105 Resp: 382629
Ion Ratio Lower Upper
105 100
120 49.9 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 54.399 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

Tgt Ion:105 Resp: 387712
Ion Ratio Lower Upper
105 100
120 46.1 37.3 55.9

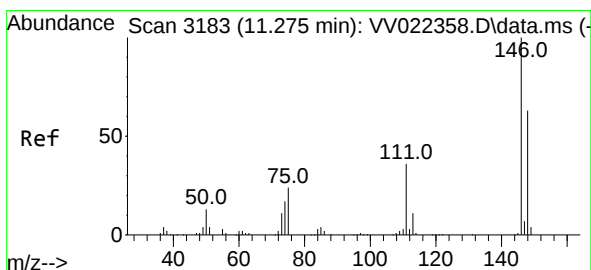
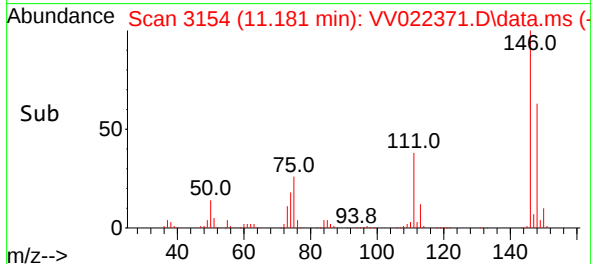
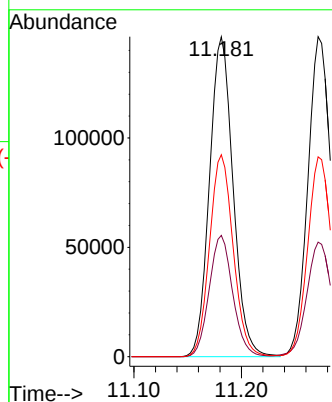
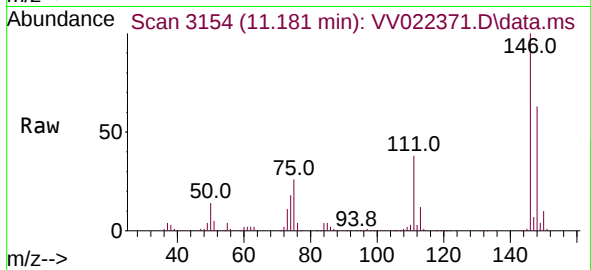




#64
1,3-Dichlorobenzene
Concen: 51.312 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

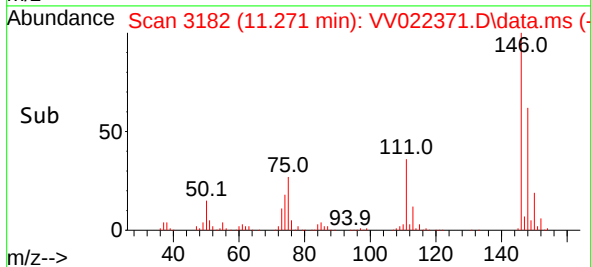
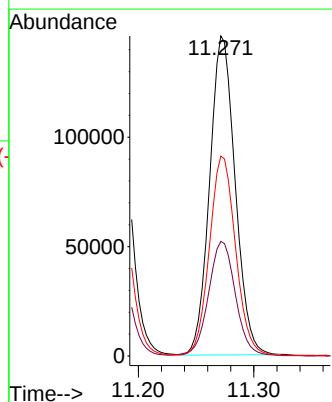
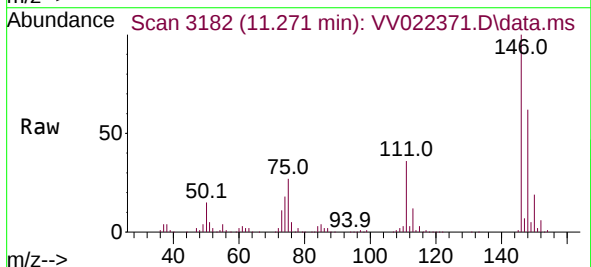
Instrument :
MSVOA_V
ClientSampleId :
VSTD050349

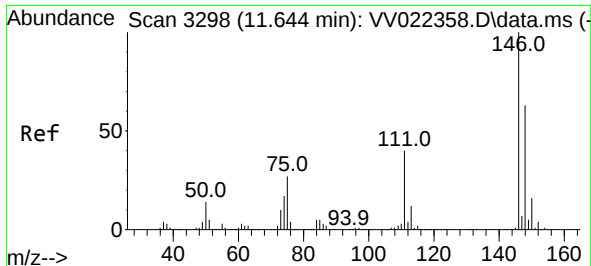
Tgt Ion:146 Resp: 222935
Ion Ratio Lower Upper
146 100
111 37.9 26.5 49.3
148 63.1 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 50.611 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.003 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

Tgt Ion:146 Resp: 223969
Ion Ratio Lower Upper
146 100
111 35.8 25.8 48.0
148 62.5 45.1 83.9

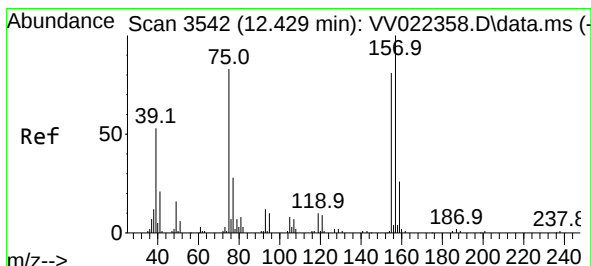
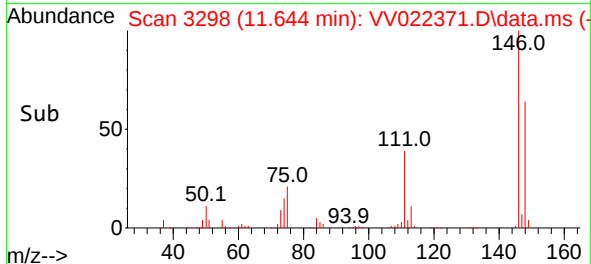
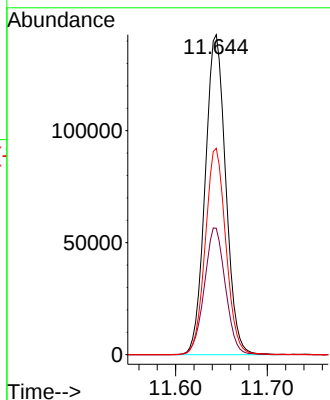
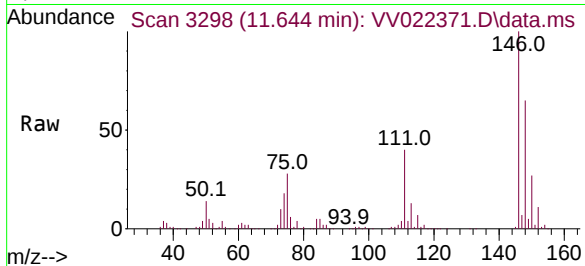




#67
1,2-Dichlorobenzene
Concen: 50.192 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

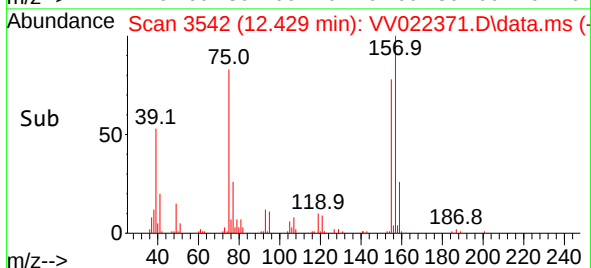
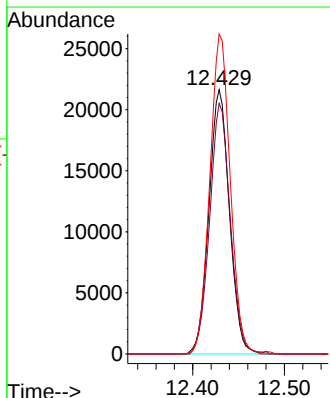
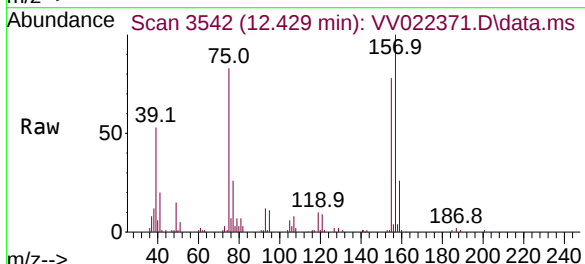
Instrument :
MSVOA_V
ClientSampleId :
VSTD050349

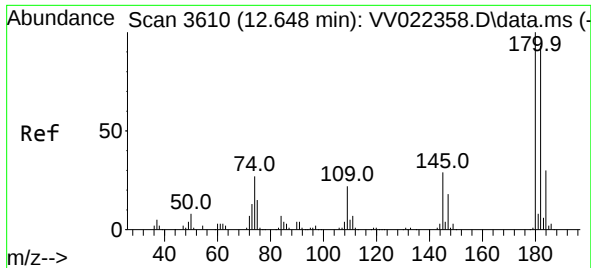
Tgt Ion:146 Resp: 222686
Ion Ratio Lower Upper
146 100
111 39.5 31.5 47.3
148 64.5 49.0 73.6



#68
1,2-Dibromo-3-chloropropane
Concen: 49.162 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

Tgt Ion: 75 Resp: 33697
Ion Ratio Lower Upper
75 100
155 94.8 79.0 118.6
157 121.1 98.2 147.2

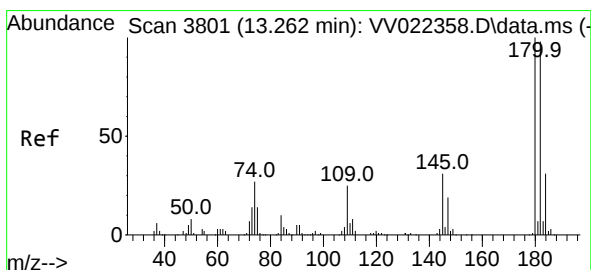
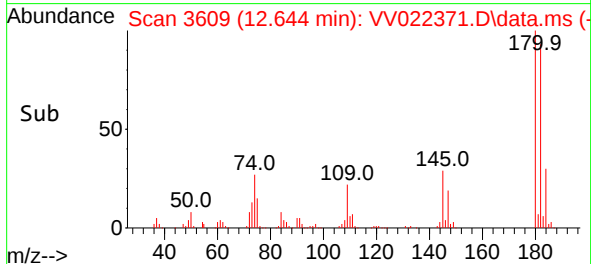
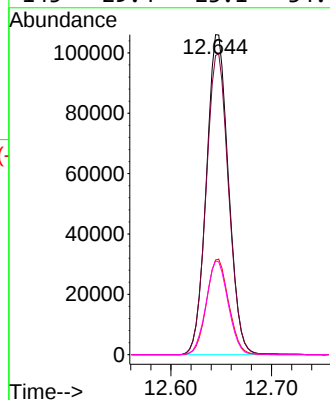
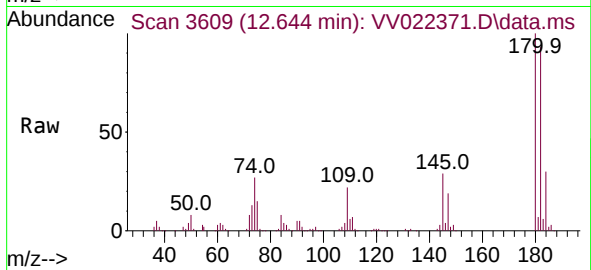




#69
1,3,5-Trichlorobenzene
Concen: 51.569 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.003 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

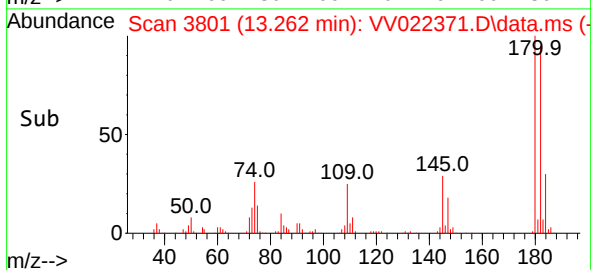
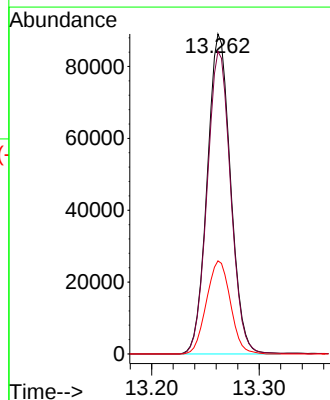
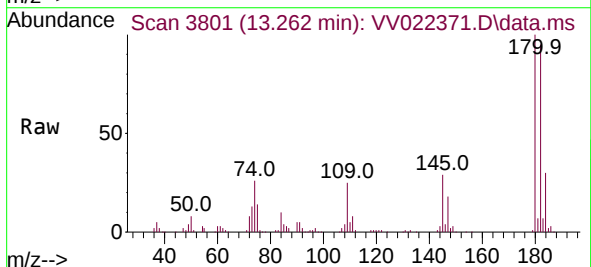
Instrument :
MSVOA_V
ClientSampleId :
VSTD050349

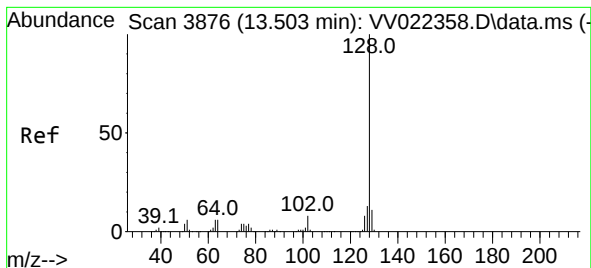
Tgt Ion:	180	Resp:	161629
Ion Ratio	Lower	Upper	
180	100		
182	95.6	75.2	112.8
184	29.9	24.2	36.2
145	29.4	23.1	34.7



#70
1,2,4-trichlorobenzene
Concen: 50.672 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

Tgt Ion:	180	Resp:	134381
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.2	114.2
145	29.8	23.9	35.9

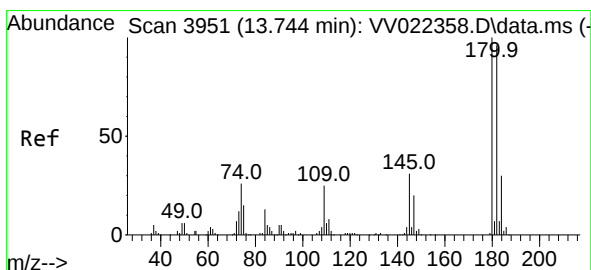
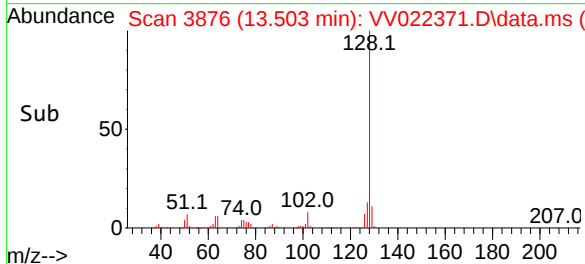
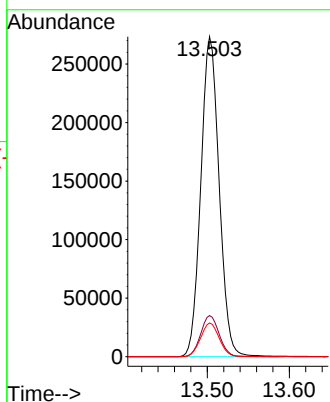
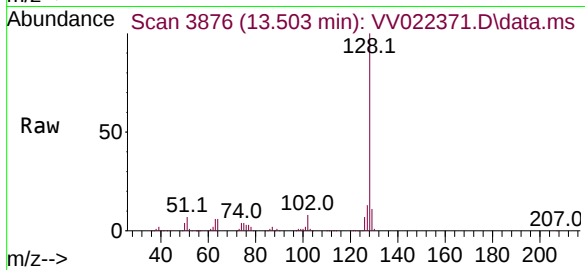




#71
Naphthalene
Concen: 52.085 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

Instrument :
MSVOA_V
ClientSampleId :
VSTD050349

Tgt Ion:128 Resp: 423225
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.7 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 51.531 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV022371.D
Acq: 29 Sep 2021 12:29

Tgt Ion:180 Resp: 141099
Ion Ratio Lower Upper
180 100
182 95.9 76.7 115.1
145 32.7 25.6 38.4

