

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102622\
 Data File : VW024981.D
 Acq On : 26 Oct 2022 11:41
 Operator : SY/VA
 Sample : VSTD05064
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050464

Quant Time: Oct 27 04:16:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM102622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 27 04:14:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	316273	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	296511	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	148486	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	182046	51.282	ug/L	0.00
7) Chloroethane-d5	2.885	69	110173	52.979	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	457517	51.756	ug/L	0.00
21) 2-Butanone-d5	7.080	46	134952	112.649	ug/L	0.00
24) Chloroform-d	7.653	84	496287	51.706	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	282684	52.614	ug/L	0.00
32) Benzene-d6	8.275	84	975780	51.343	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	281418	50.536	ug/L	0.00
41) Toluene-d8	10.323	98	894497	50.554	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	134802	54.592	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	113871	118.376	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.688	84	242613	54.564	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	292753	51.304	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	61049	56.250	ug/L	99
3) Chloromethane	2.221	50	128259	50.550	ug/L	97
5) Vinyl chloride	2.367	62	180040	51.355	ug/L	96
6) Bromomethane	2.782	94	87164	49.822	ug/L	98
8) Chloroethane	2.922	64	76062	52.012	ug/L	99
9) Trichlorofluoromethane	3.257	101	152575	51.880	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	215041	51.635	ug/L	98
12) 1,1-Dichloroethene	4.044	96	200889	51.205	ug/L	96
13) Acetone	4.123	43	85214	100.254	ug/L	97
14) Carbon disulfide	4.391	76	603154	52.629	ug/L	99
15) Methyl Acetate	4.672	43	94818	55.663	ug/L	99
16) Methylene chloride	4.922	84	213978	38.105	ug/L	95
17) trans-1,2-Dichloroethene	5.428	96	216039	51.426	ug/L	96
18) Methyl tert-butyl Ether	5.428	73	382859	54.330	ug/L	99
19) 1,1-Dichloroethane	6.220	63	401741	51.653	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	236890	51.737	ug/L	99
22) 2-Butanone	7.171	43	130083	102.009	ug/L	100
23) Bromochloromethane	7.519	128	103585	52.184	ug/L	97
25) Chloroform	7.677	83	423371	51.577	ug/L	95
27) 1,2-Dichloroethane	8.403	62	292546	52.542	ug/L	100
29) Cyclohexane	7.958	56	361808	51.677	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	365486	50.369	ug/L	99
31) Carbon tetrachloride	8.073	117	328724	50.698	ug/L	100
33) Benzene	8.323	78	895437	50.148	ug/L	100
34) Trichloroethene	9.092	95	236786	50.095	ug/L	98
35) Methylcyclohexane	9.335	83	409103	50.936	ug/L	100
37) 1,2-Dichloropropane	9.366	63	220392	50.854	ug/L	99
38) Bromodichloromethane	9.646	83	313885	51.895	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	368500	53.787	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	292164	114.882	ug/L	100
42) Toluene	10.384	91	974406	51.402	ug/L	96
44) trans-1,3-Dichloropropene	10.604	75	338233	55.532	ug/L	97

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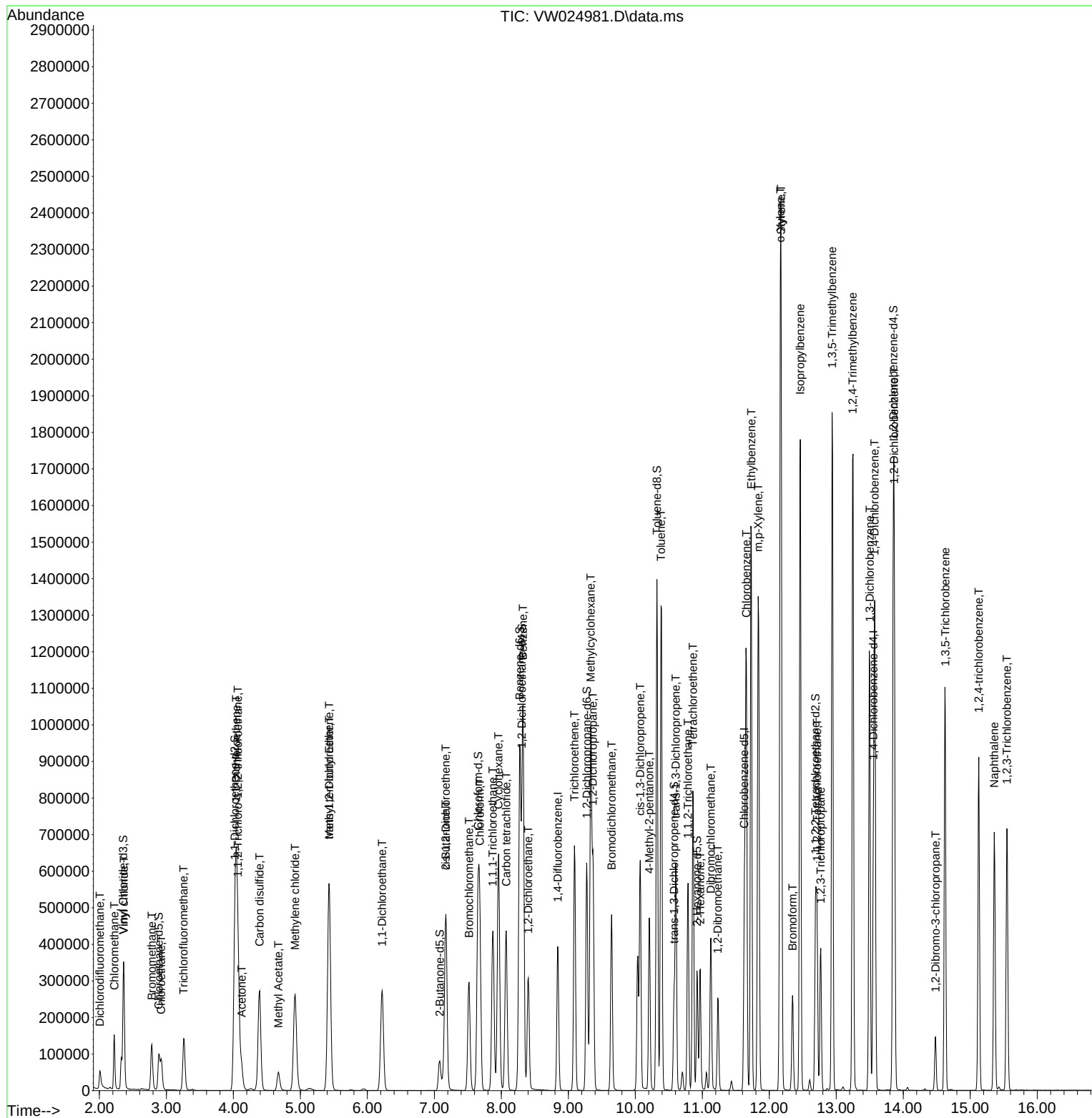
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	173149	52.916	ug/L	98
46) Tetrachloroethene	10.860	164	168859	49.952	ug/L	97
48) 2-Hexanone	10.969	43	204425	116.229	ug/L	99
49) Dibromochloromethane	11.128	129	214069	53.670	ug/L	91
50) 1,2-Dibromoethane	11.231	107	165644	53.526	ug/L	98
51) Chlorobenzene	11.658	112	619492	50.416	ug/L	98
52) Ethylbenzene	11.731	91	1110042	50.729	ug/L	98
53) m,p-Xylene	11.835	106	432673	51.082	ug/L	99
54) o-Xylene	12.164	106	418599	52.385	ug/L	99
55) Styrene	12.176	104	723697	52.143	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	215272	54.841	ug/L	99
59) Bromoform	12.347	173	115898	55.185	ug/L	99
60) Isopropylbenzene	12.463	105	1151461	51.579	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	163370	54.764	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	1007408	51.985	ug/L	100
63) 1,2,4-Trimethylbenzene	13.243	105	984137	51.789	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	465245	49.968	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	479779	51.642	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	423893	50.635	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	39491	57.284	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	310714	50.384	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	255718	53.350	ug/L	97
71) Naphthalene	15.359	128	587255	58.078	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	220548	52.808	ug/L	99

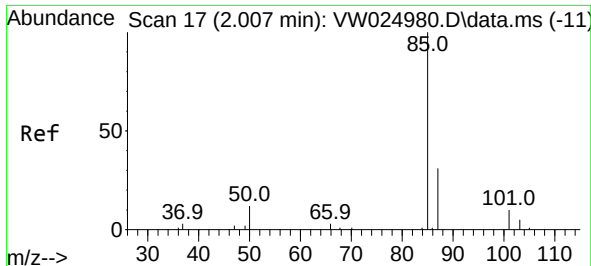
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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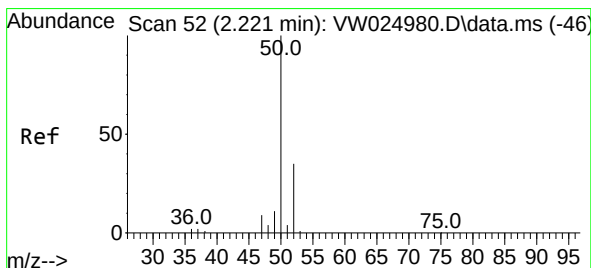
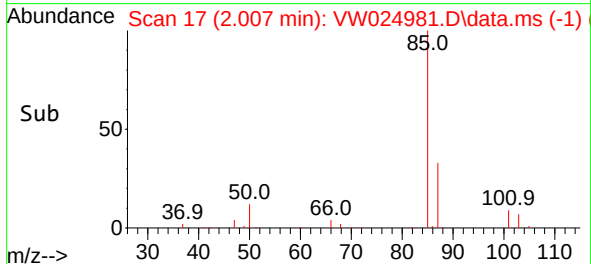
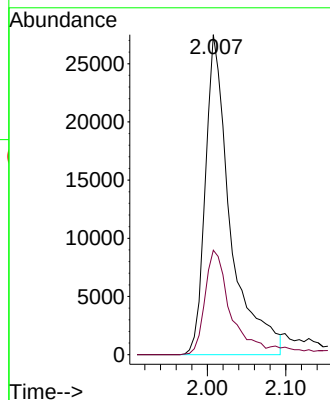
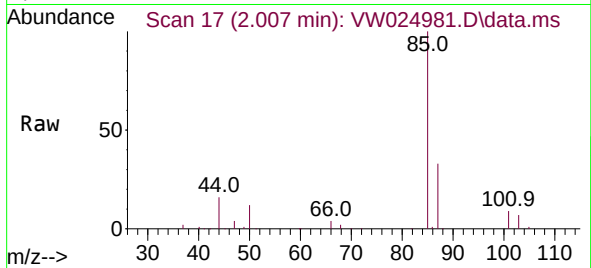




#2
 Dichlorodifluoromethane
 Concen: 56.250 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW024981.D
 Acq: 26 Oct 2022 11:41

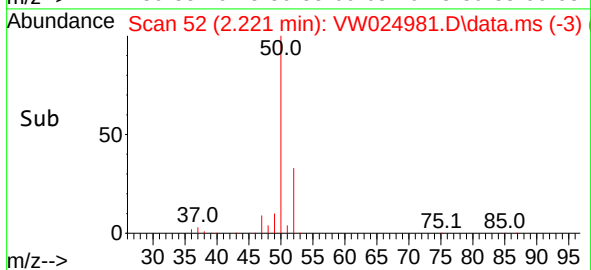
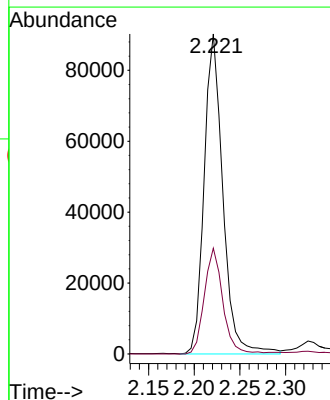
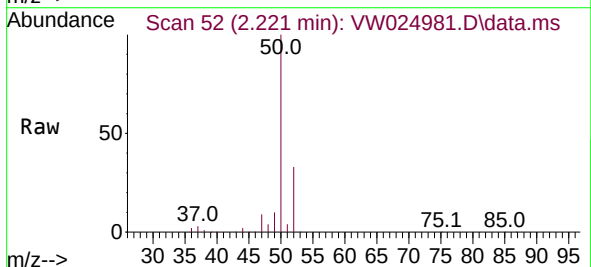
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD050464

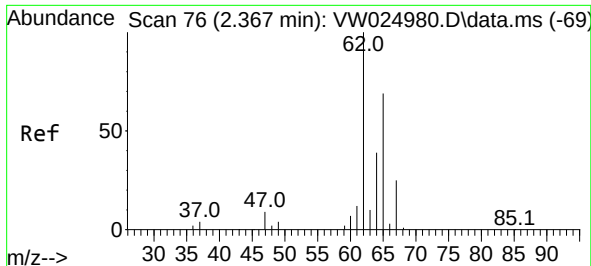
Tgt Ion: 85 Resp: 61049
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.9 38.9



#3
 Chloromethane
 Concen: 50.550 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VW024981.D
 Acq: 26 Oct 2022 11:41

Tgt Ion: 50 Resp: 128259
 Ion Ratio Lower Upper
 50 100
 52 33.0 24.1 44.8

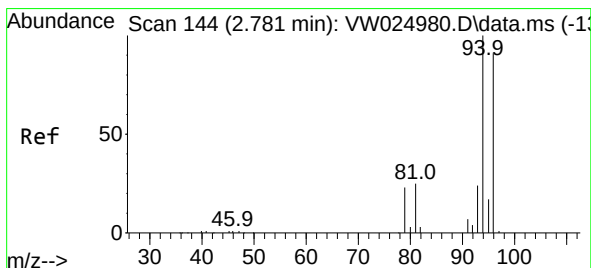
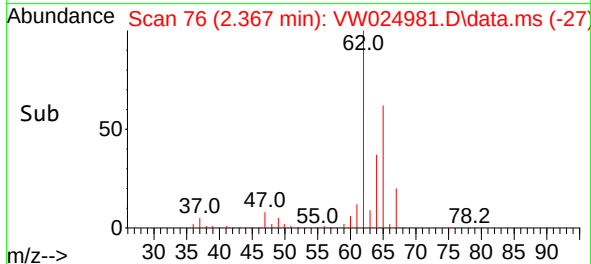
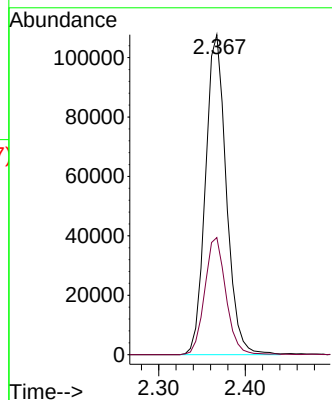
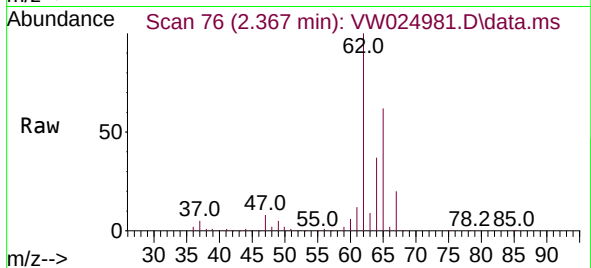




#5
 Vinyl chloride
 Concen: 51.355 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW024981.D
 Acq: 26 Oct 2022 11:41

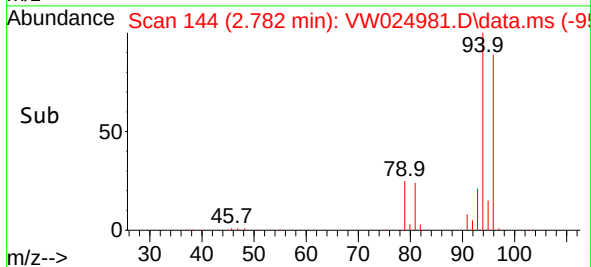
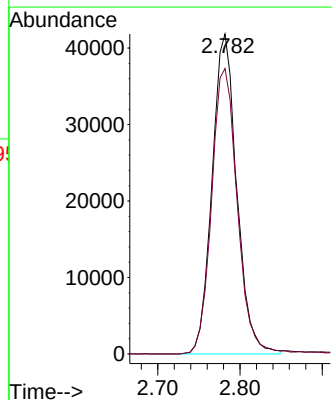
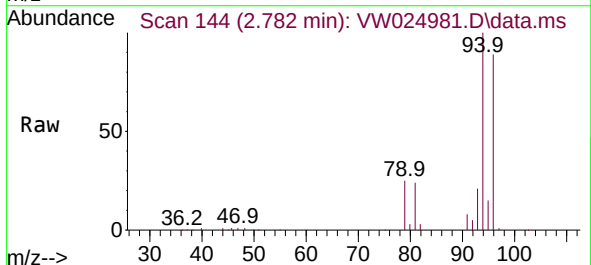
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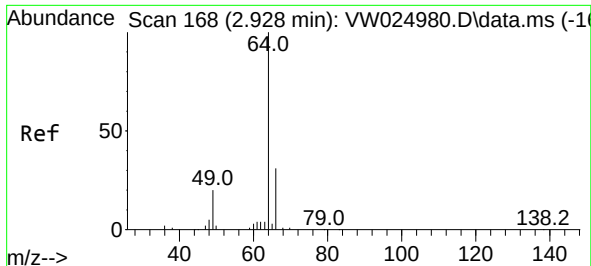
Tgt Ion: 62 Resp: 180040
 Ion Ratio Lower Upper
 62 100
 64 36.6 27.2 50.6



#6
 Bromomethane
 Concen: 49.822 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW024981.D
 Acq: 26 Oct 2022 11:41

Tgt Ion: 94 Resp: 87164
 Ion Ratio Lower Upper
 94 100
 96 89.2 63.8 118.6

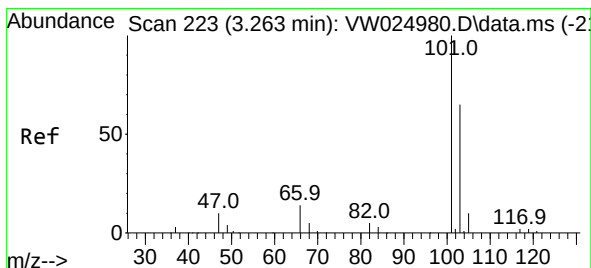
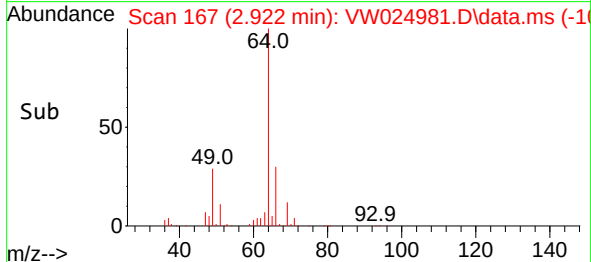
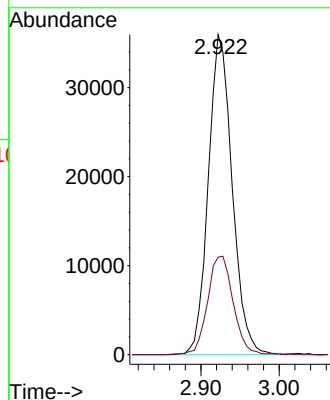
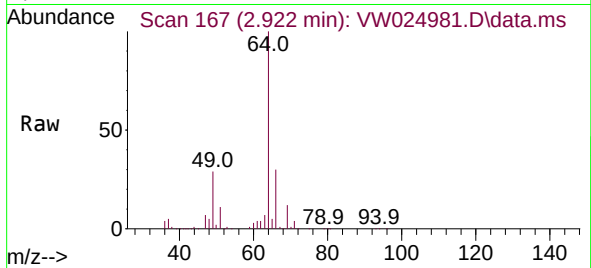




#8
Chloroethane
Concen: 52.012 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW024981.D
Acq: 26 Oct 2022 11:41

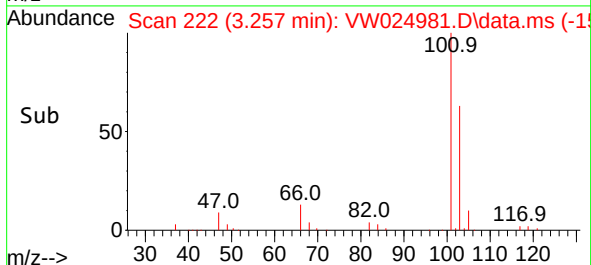
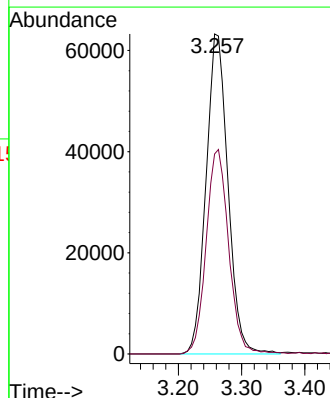
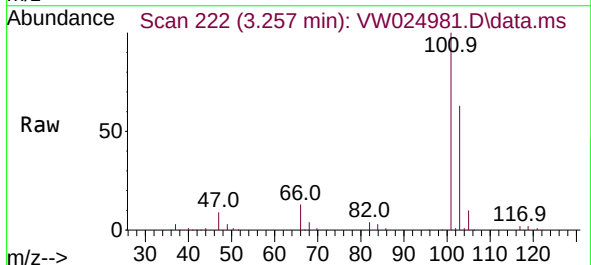
Instrument :
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ClientSampleId :
VSTD050464

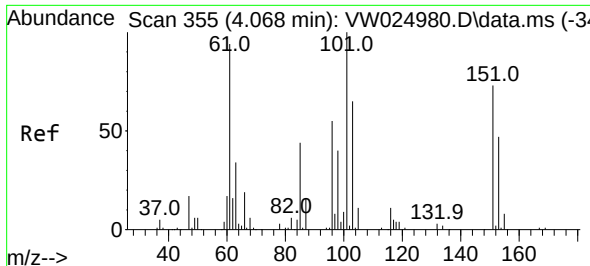
Tgt Ion: 64 Resp: 76062
Ion Ratio Lower Upper
64 100
66 30.5 21.6 40.2



#9
Trichlorofluoromethane
Concen: 51.880 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW024981.D
Acq: 26 Oct 2022 11:41

Tgt Ion: 101 Resp: 152575
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.0

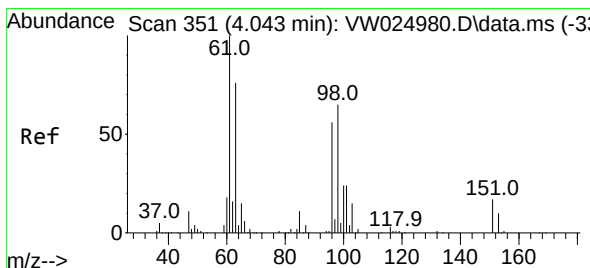
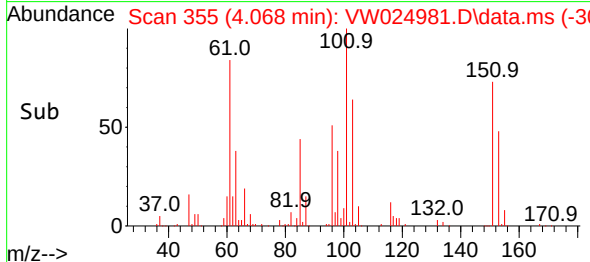
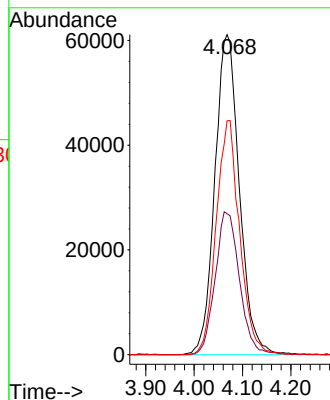
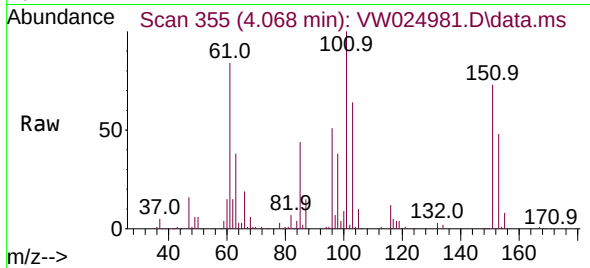




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.635 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW024981.D
 Acq: 26 Oct 2022 11:41

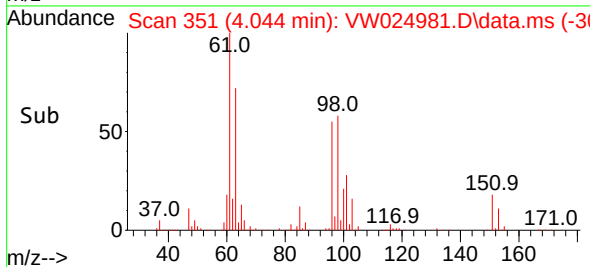
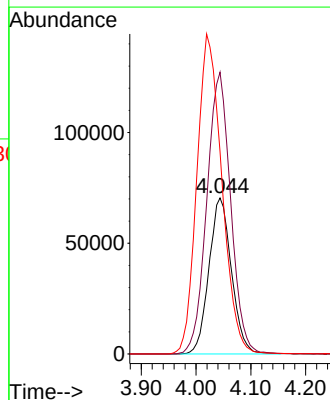
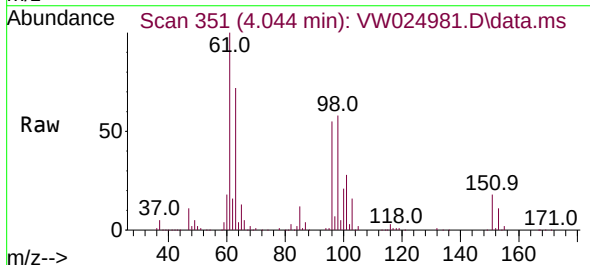
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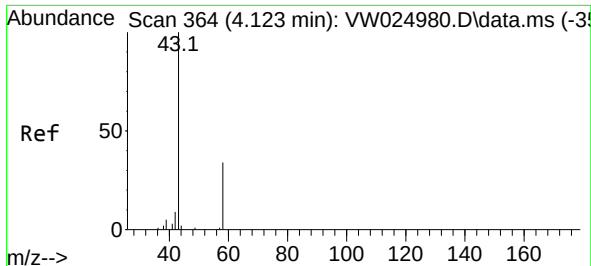
Tgt Ion:101 Resp: 215041
 Ion Ratio Lower Upper
 101 100
 85 44.2 36.5 54.7
 151 70.0 57.3 85.9



#12
 1,1-Dichloroethene
 Concen: 51.205 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW024981.D
 Acq: 26 Oct 2022 11:41

Tgt Ion: 96 Resp: 200889
 Ion Ratio Lower Upper
 96 100
 61 180.6 126.2 234.4
 63 129.6 98.3 182.7





#13

Acetone

Concen: 100.254 ug/L

RT: 4.123 min Scan# 364

Delta R.T. 0.000 min

Lab File: VW024981.D

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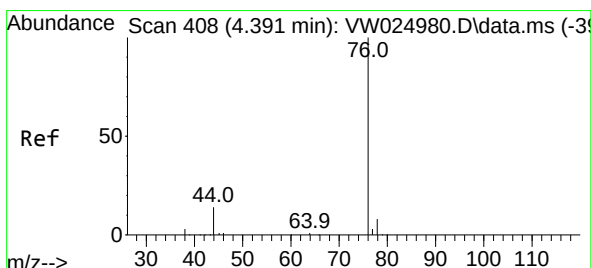
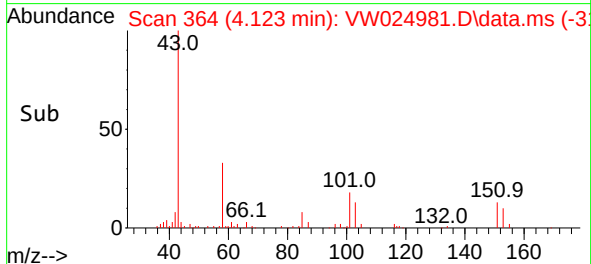
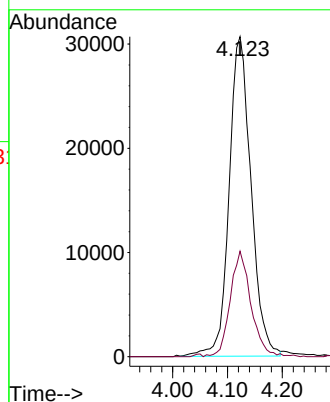
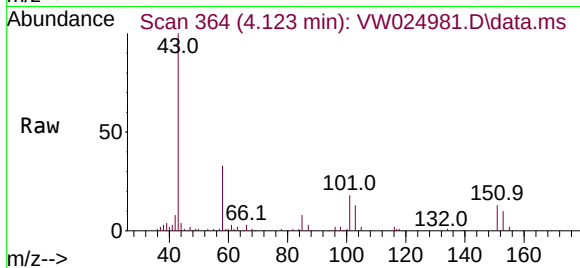
VSTD050464

Tgt Ion: 43 Resp: 85214

Ion Ratio Lower Upper

43 100

58 31.1 0.0 65.4



#14

Carbon disulfide

Concen: 52.629 ug/L

RT: 4.391 min Scan# 408

Delta R.T. 0.000 min

Lab File: VW024981.D

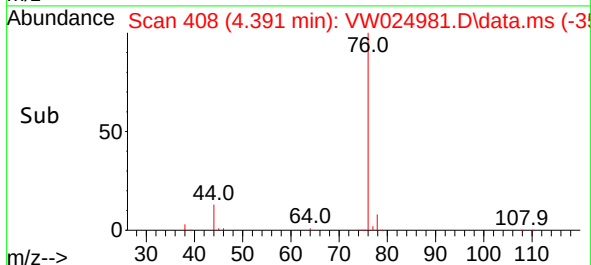
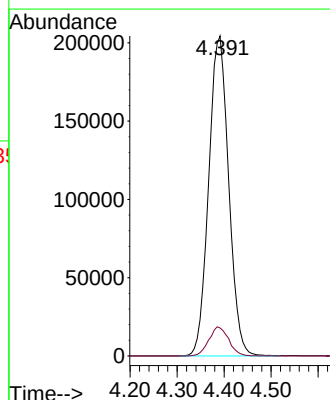
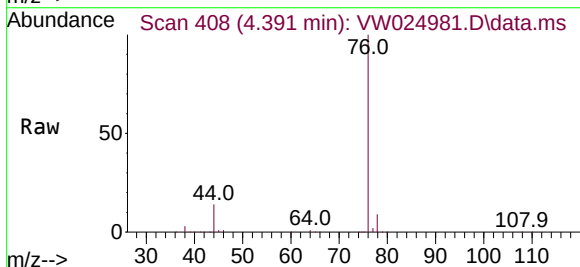
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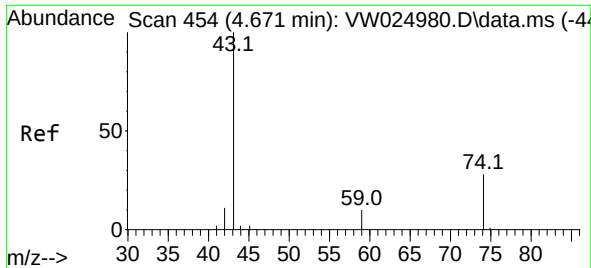
Tgt Ion: 76 Resp: 603154

Ion Ratio Lower Upper

76 100

78 8.8 6.8 10.2

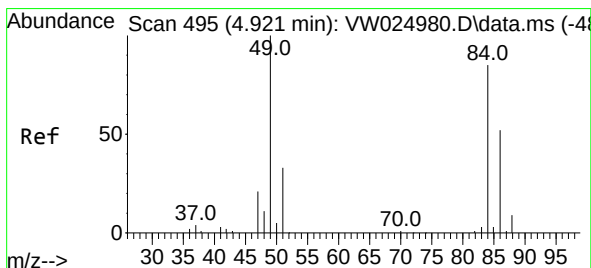
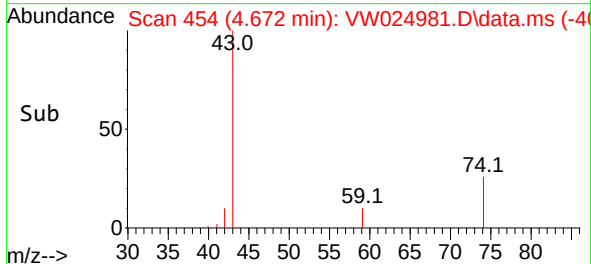
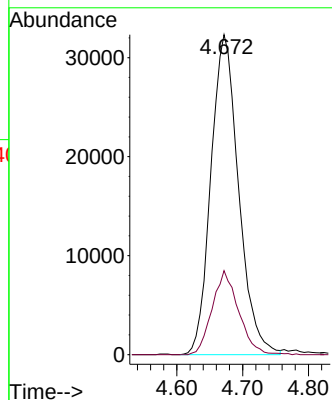
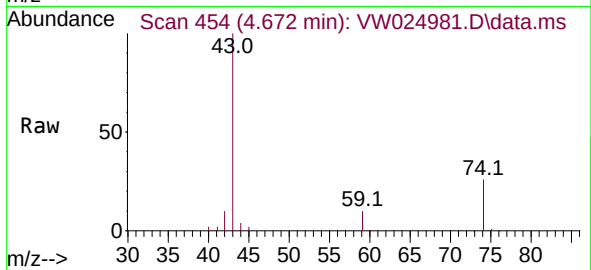




#15
Methyl Acetate
Concen: 55.663 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW024981.D
Acq: 26 Oct 2022 11:41

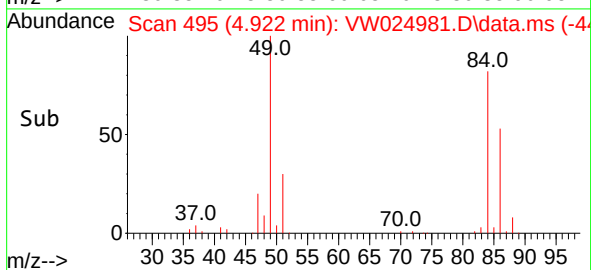
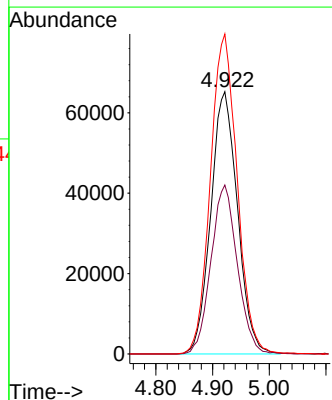
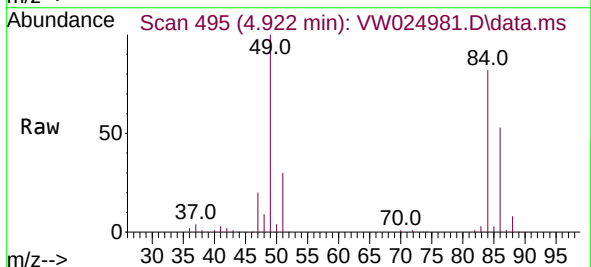
Instrument :
MSVOA_W
ClientSampleId :
VSTD050464

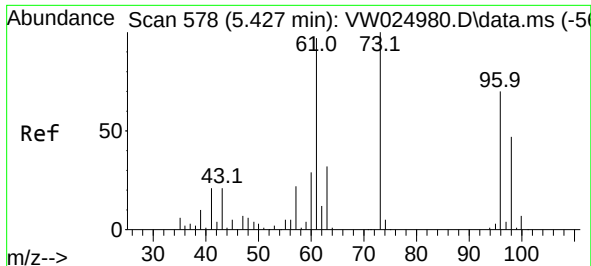
Tgt Ion: 43 Resp: 94818
Ion Ratio Lower Upper
43 100
74 25.0 20.6 30.8



#16
Methylene chloride
Concen: 38.105 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW024981.D
Acq: 26 Oct 2022 11:41

Tgt Ion: 84 Resp: 213978
Ion Ratio Lower Upper
84 100
86 64.4 42.6 79.0
49 122.0 81.9 152.1





#17

trans-1,2-Dichloroethene

Concen: 51.426 ug/L

RT: 5.428 min Scan# 5

Delta R.T. 0.000 min

Lab File: VW024981.D

Acq: 26 Oct 2022 11:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD050464

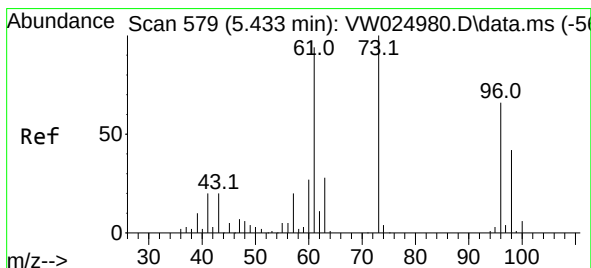
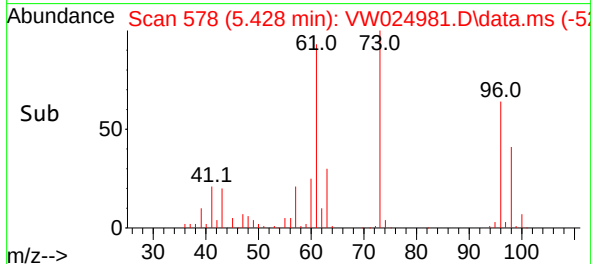
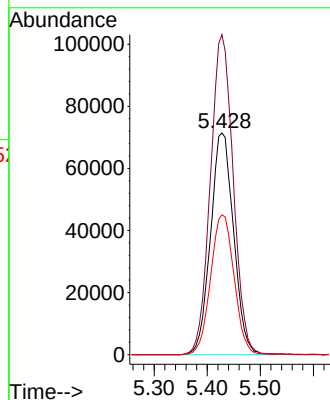
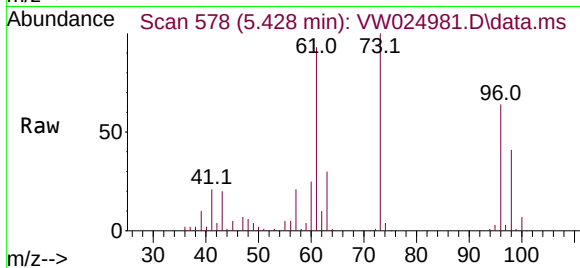
Tgt Ion: 96 Resp: 216039

Ion Ratio Lower Upper

96 100

61 144.2 97.6 181.2

98 63.0 46.8 86.8



#18

Methyl tert-butyl Ether

Concen: 54.330 ug/L

RT: 5.428 min Scan# 578

Delta R.T. -0.006 min

Lab File: VW024981.D

Acq: 26 Oct 2022 11:41

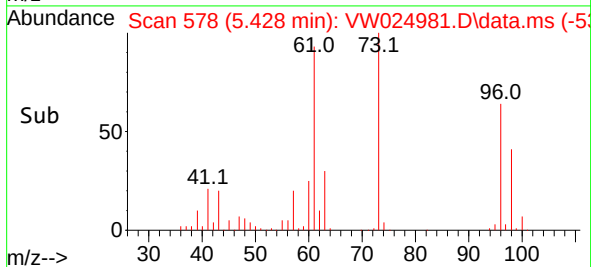
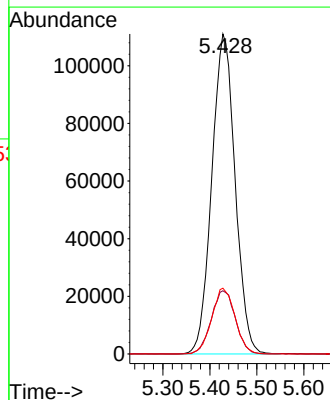
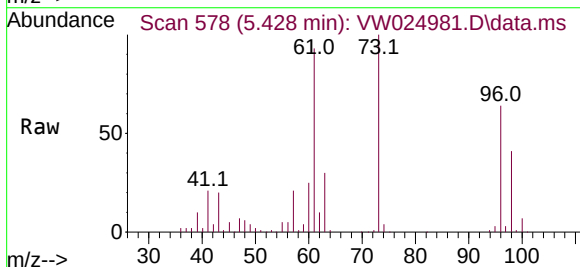
Tgt Ion: 73 Resp: 382859

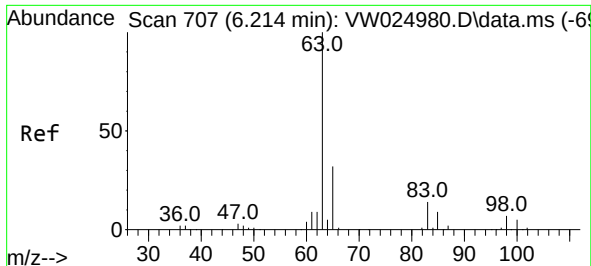
Ion Ratio Lower Upper

73 100

43 20.4 16.6 24.8

57 20.6 17.1 25.7





#19

1,1-Dichloroethane

Concen: 51.653 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW024981.D

Acq: 26 Oct 2022 11:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD050464

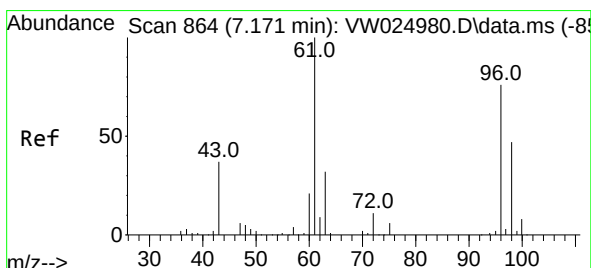
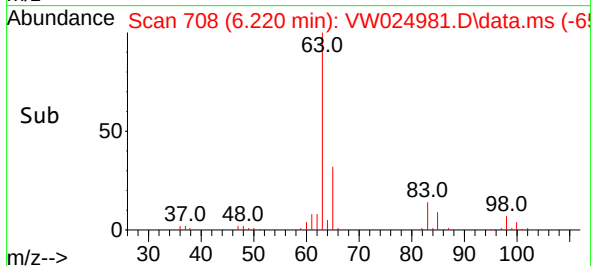
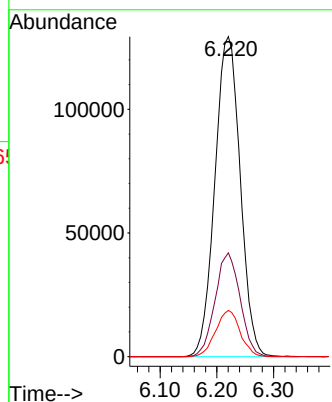
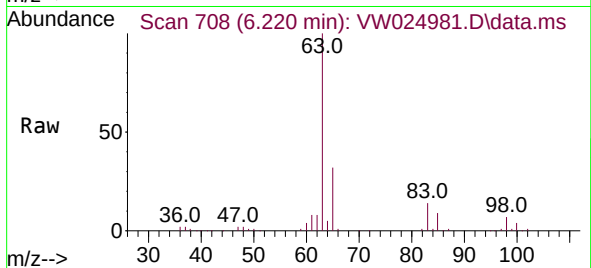
Tgt Ion: 63 Resp: 401741

Ion Ratio Lower Upper

63 100

65 32.4 22.2 41.2

83 14.4 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 51.737 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW024981.D

Acq: 26 Oct 2022 11:41

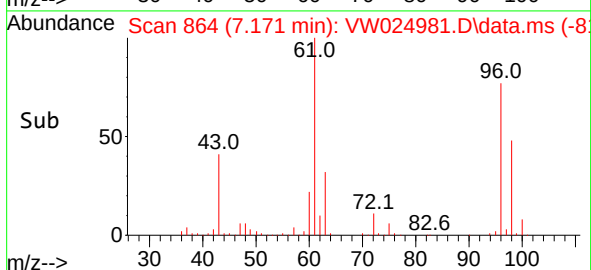
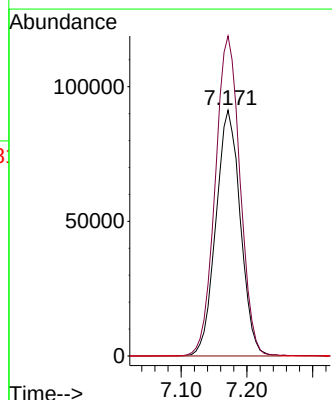
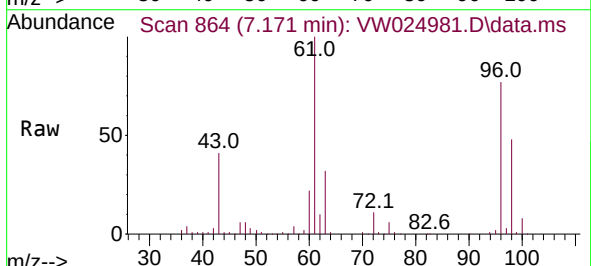
Tgt Ion: 96 Resp: 236890

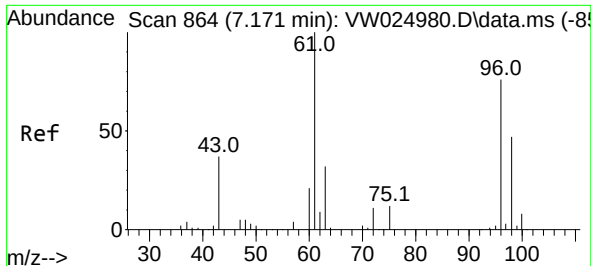
Ion Ratio Lower Upper

96 100

61 130.2 91.8 170.6

68 0.0 0.0 0.0

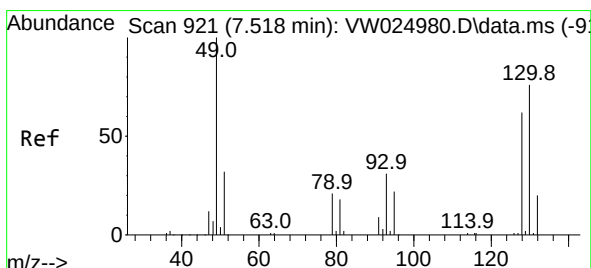
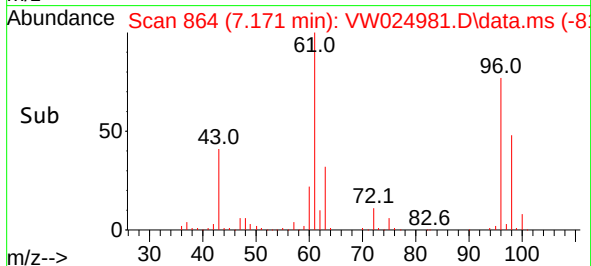
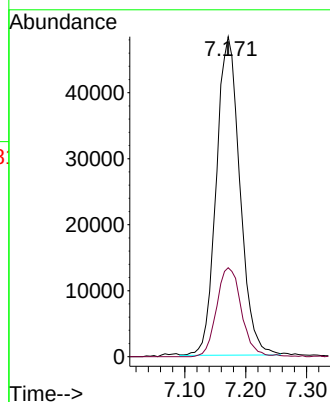
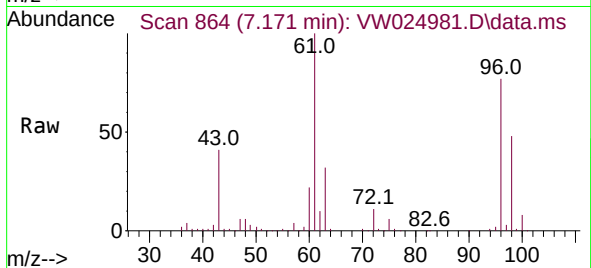




#22
2-Butanone
Concen: 102.009 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW024981.D
Acq: 26 Oct 2022 11:41

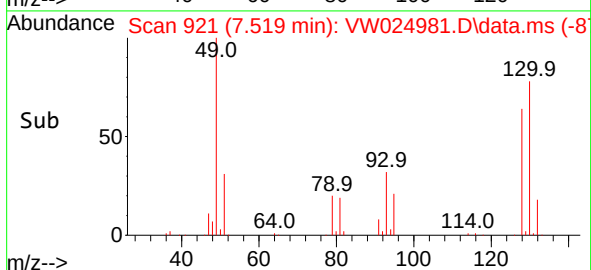
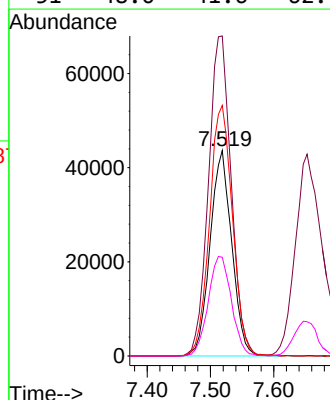
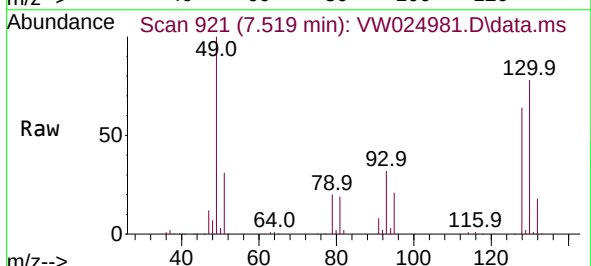
Instrument :
MSVOA_W
ClientSampleId :
VSTD050464

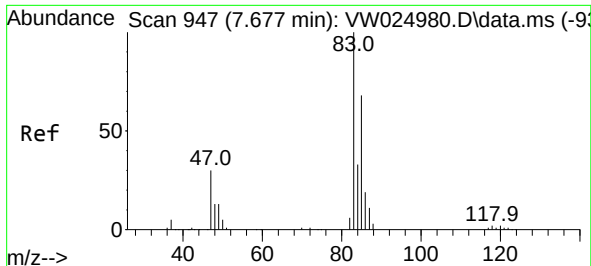
Tgt Ion: 43 Resp: 130083
Ion Ratio Lower Upper
43 100
72 29.2 14.6 44.0



#23
Bromochloromethane
Concen: 52.184 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW024981.D
Acq: 26 Oct 2022 11:41

Tgt Ion: 128 Resp: 103585
Ion Ratio Lower Upper
128 100
49 155.7 112.8 209.4
130 122.0 86.2 160.2
51 48.0 41.6 62.4

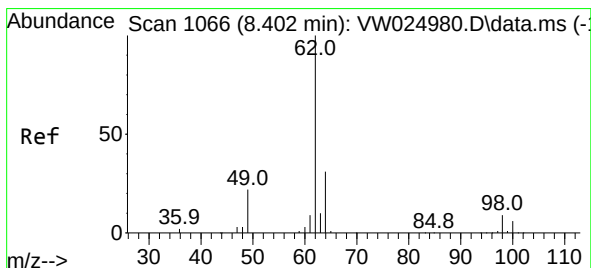
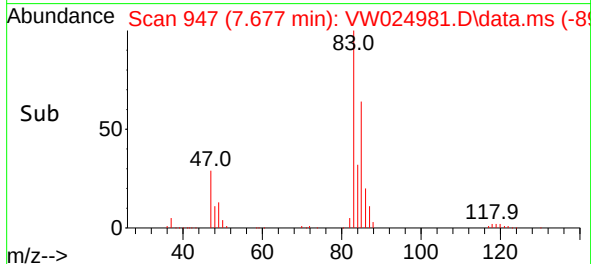
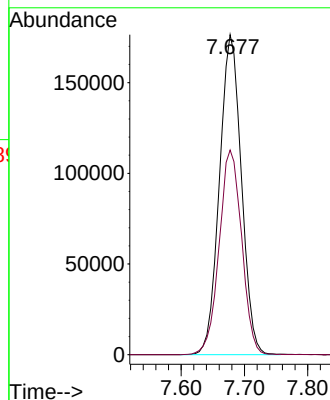
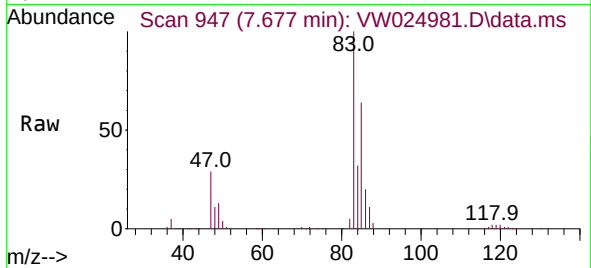




#25
Chloroform
Concen: 51.577 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW024981.D
Acq: 26 Oct 2022 11:41

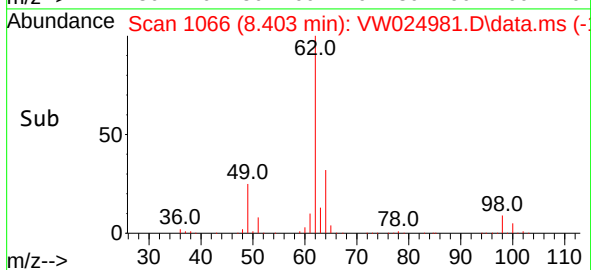
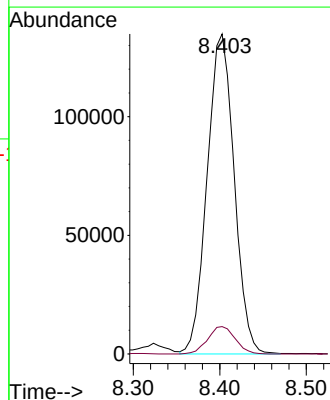
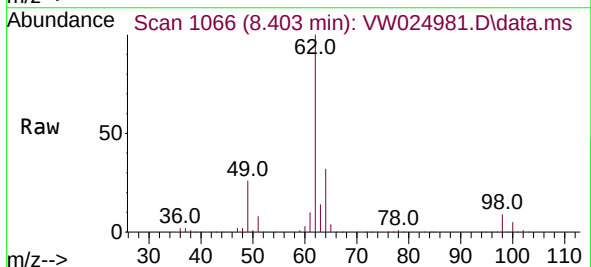
Instrument :
MSVOA_W
ClientSampleId :
VSTD050464

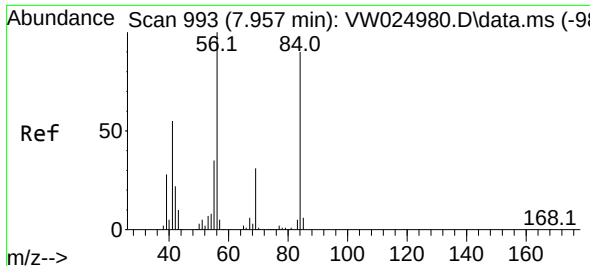
Tgt Ion: 83 Resp: 423371
Ion Ratio Lower Upper
83 100
85 63.9 47.5 88.3



#27
1,2-Dichloroethane
Concen: 52.542 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW024981.D
Acq: 26 Oct 2022 11:41

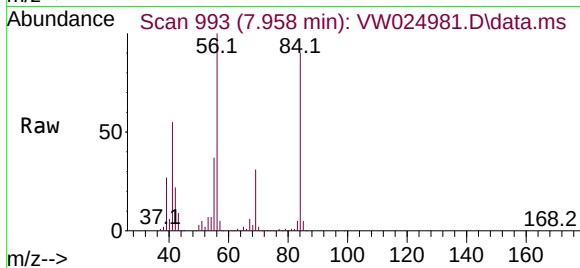
Tgt Ion: 62 Resp: 292546
Ion Ratio Lower Upper
62 100
98 8.6 7.0 10.4



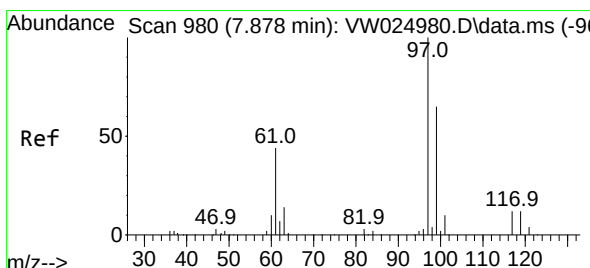
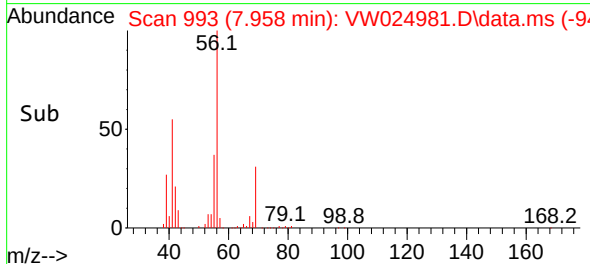
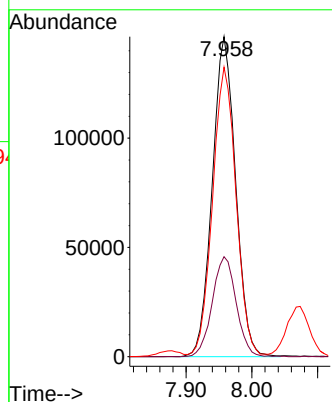


#29
Cyclohexane
Concen: 51.677 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW024981.D
Acq: 26 Oct 2022 11:41

Instrument :
MSVOA_W
ClientSampleId :
VSTD050464

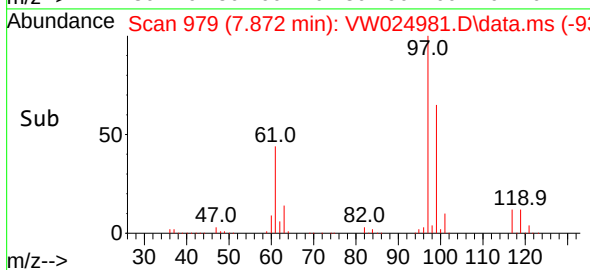
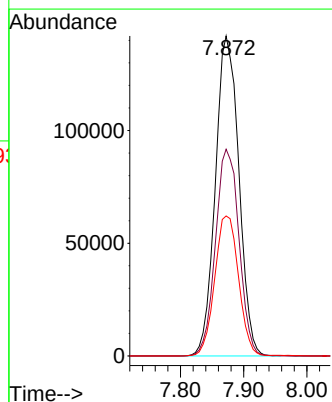
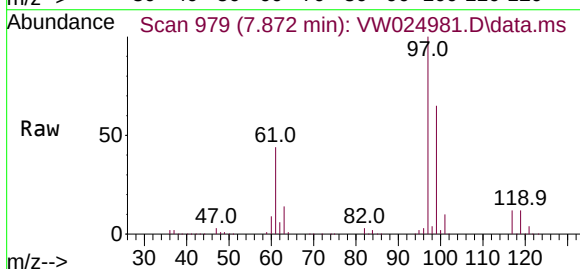


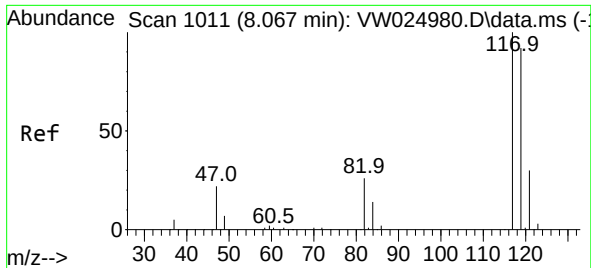
Tgt Ion: 56 Resp: 361808
Ion Ratio Lower Upper
56 100
69 31.9 25.0 37.4
84 91.2 72.6 108.8



#30
1,1,1-Trichloroethane
Concen: 50.369 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW024981.D
Acq: 26 Oct 2022 11:41

Tgt Ion: 97 Resp: 365486
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.8
61 44.4 36.6 54.8

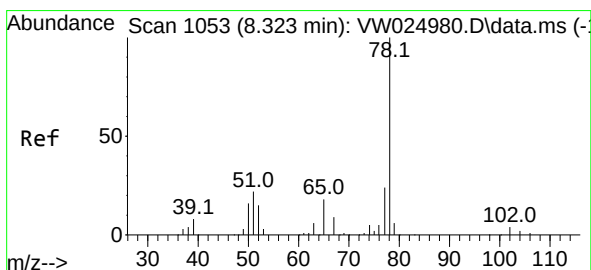
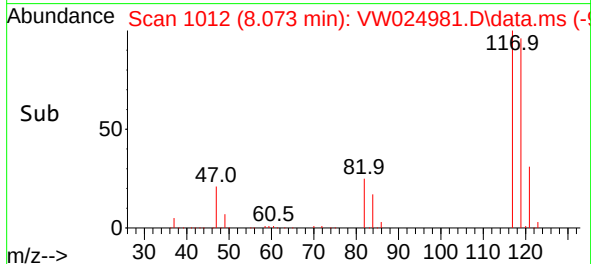
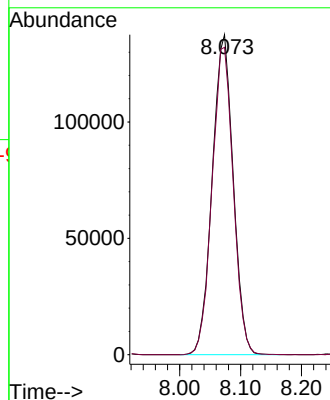
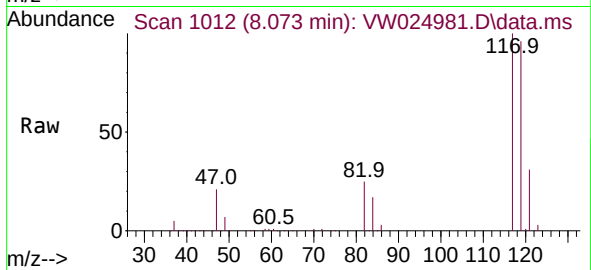




#31
Carbon tetrachloride
Concen: 50.698 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW024981.D
Acq: 26 Oct 2022 11:41

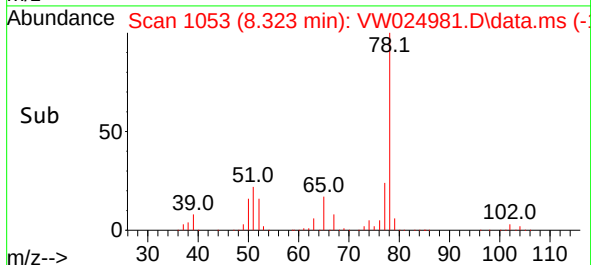
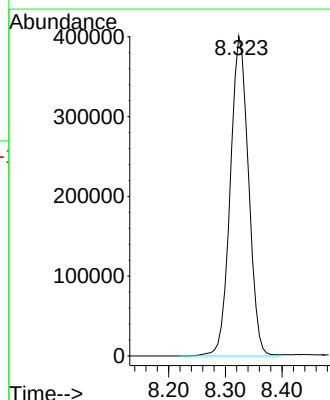
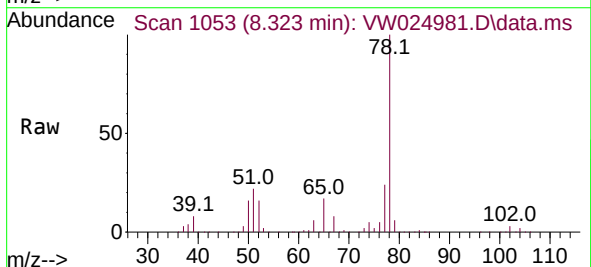
Instrument :
MSVOA_W
ClientSampleId :
VSTD050464

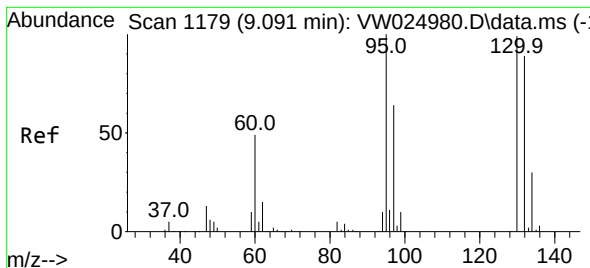
Tgt Ion:117 Resp: 328724
Ion Ratio Lower Upper
117 100
119 96.9 77.7 116.5



#33
Benzene
Concen: 50.148 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW024981.D
Acq: 26 Oct 2022 11:41

Tgt Ion: 78 Resp: 895437





#34

Trichloroethene

Concen: 50.095 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW024981.D

Acq: 26 Oct 2022 11:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD050464

Tgt Ion: 95 Resp: 236786

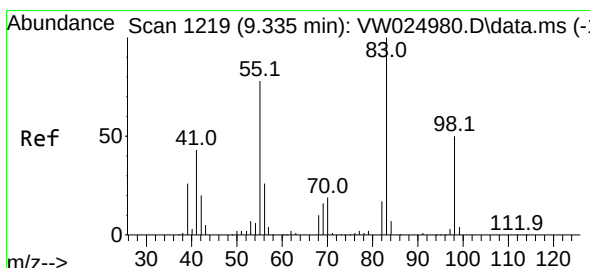
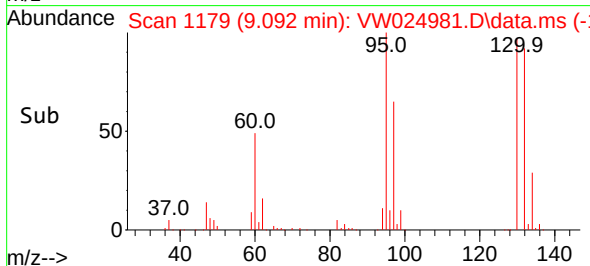
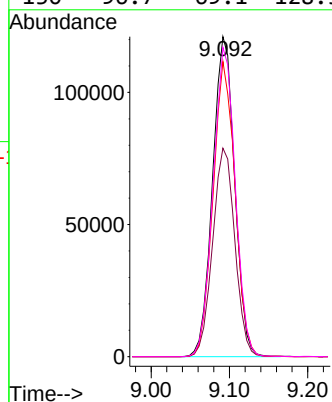
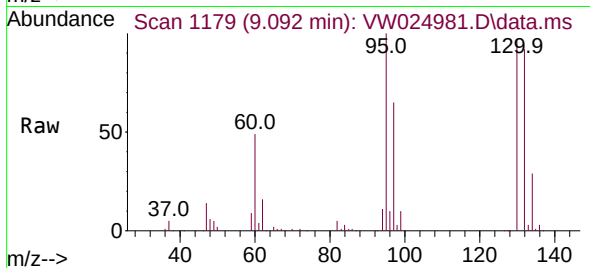
Ion Ratio Lower Upper

95 100

97 65.1 44.7 83.1

132 92.3 62.6 116.2

130 96.7 69.1 128.3



#35

Methylcyclohexane

Concen: 50.936 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW024981.D

Acq: 26 Oct 2022 11:41

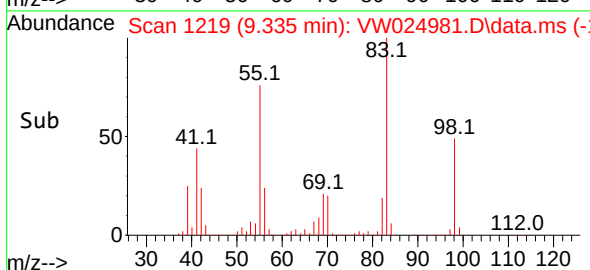
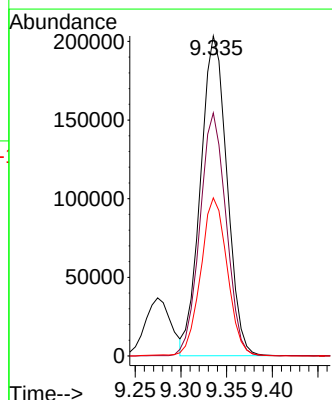
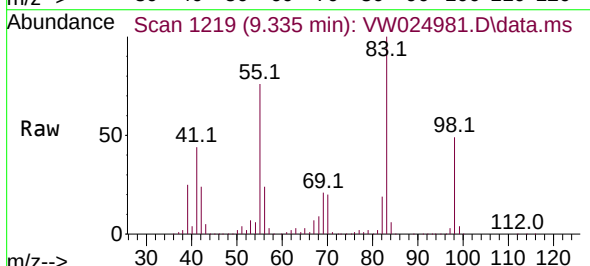
Tgt Ion: 83 Resp: 409103

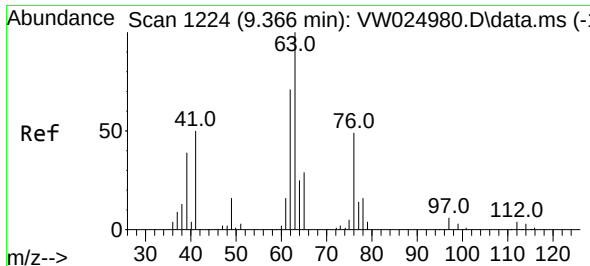
Ion Ratio Lower Upper

83 100

55 75.4 60.4 90.6

98 49.4 39.5 59.3





#37

1,2-Dichloropropane

Concen: 50.854 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024981.D

Acq: 26 Oct 2022 11:41

Instrument :

MSVOA_W

ClientSampleId :

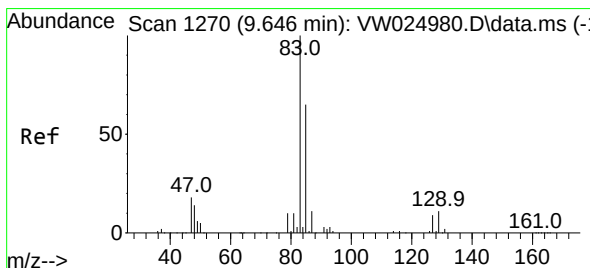
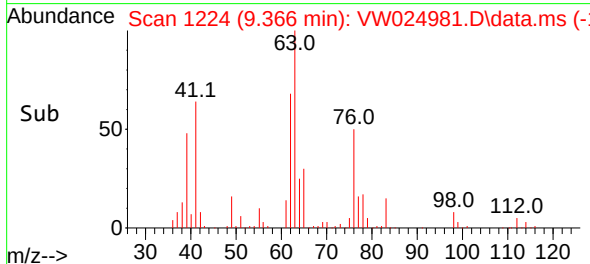
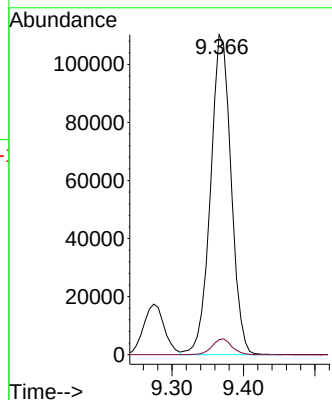
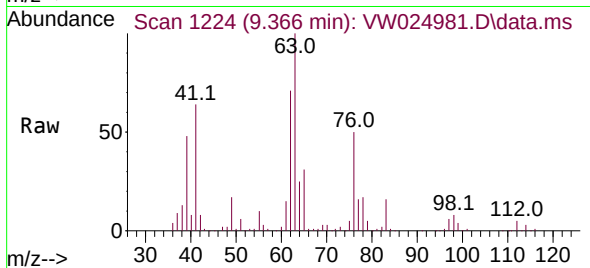
VSTD050464

Tgt Ion: 63 Resp: 220392

Ion Ratio Lower Upper

63 100

112 4.7 3.6 5.4



#38

Bromodichloromethane

Concen: 51.895 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW024981.D

Acq: 26 Oct 2022 11:41

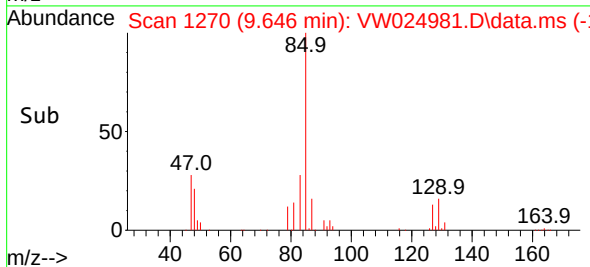
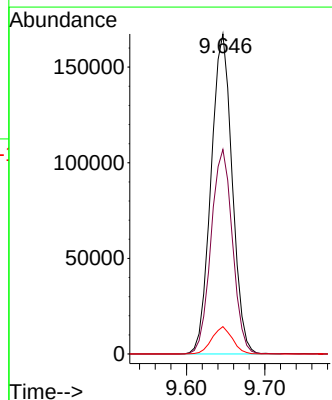
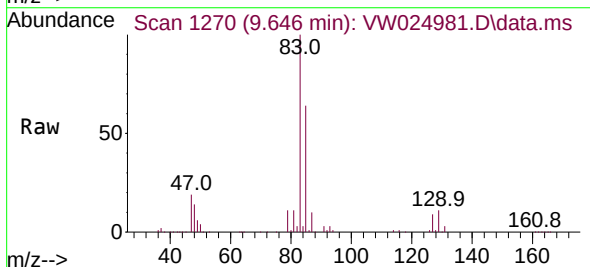
Tgt Ion: 83 Resp: 313885

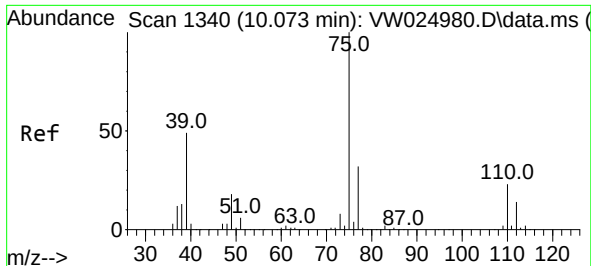
Ion Ratio Lower Upper

83 100

85 63.9 45.8 85.0

127 8.6 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 53.787 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW024981.D

Acq: 26 Oct 2022 11:41

Instrument :

MSVOA_W

ClientSampleId :

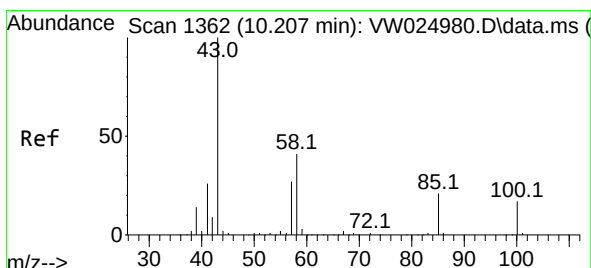
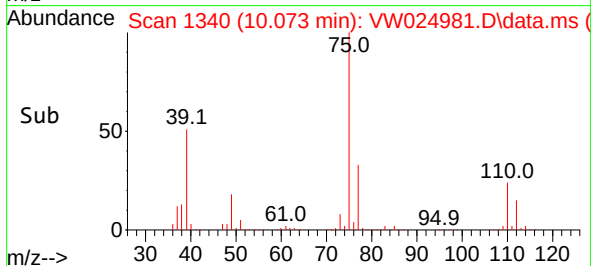
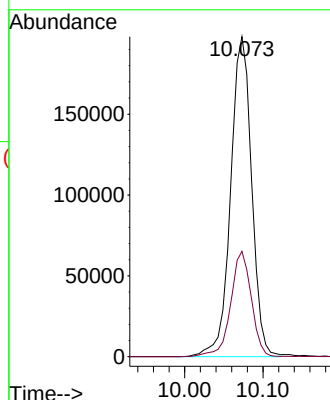
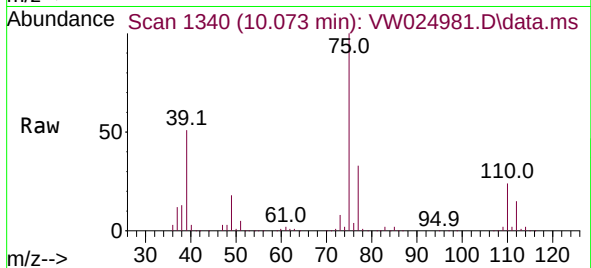
VSTD050464

Tgt Ion: 75 Resp: 368500

Ion Ratio Lower Upper

75 100

77 32.9 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 114.882 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW024981.D

Acq: 26 Oct 2022 11:41

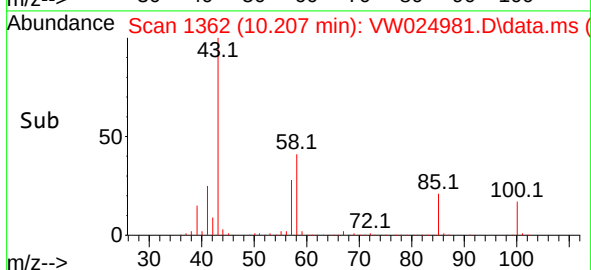
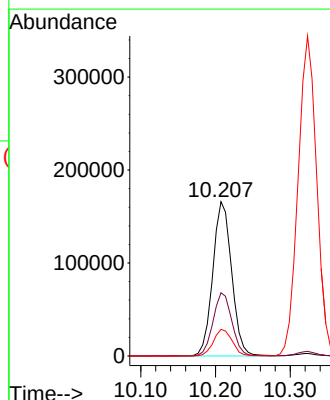
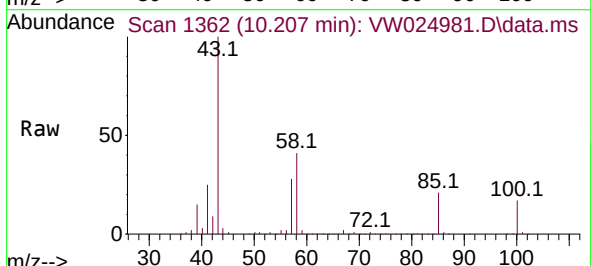
Tgt Ion: 43 Resp: 292164

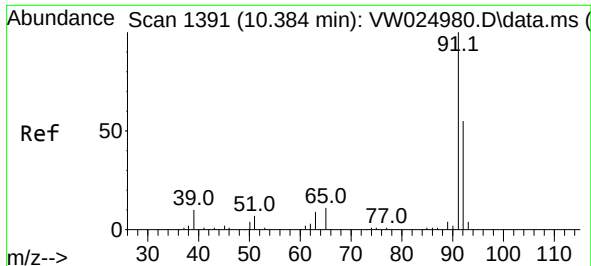
Ion Ratio Lower Upper

43 100

58 40.8 32.6 48.8

100 17.2 14.0 21.0

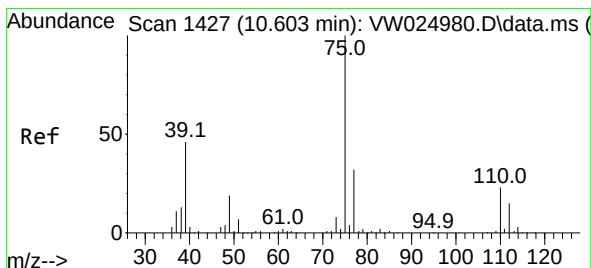
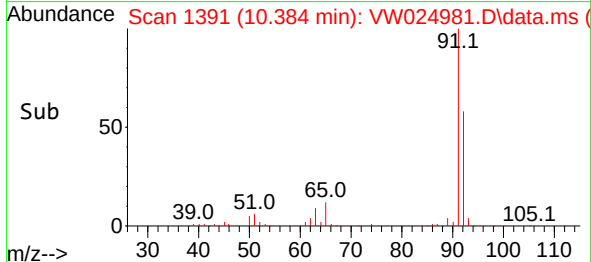
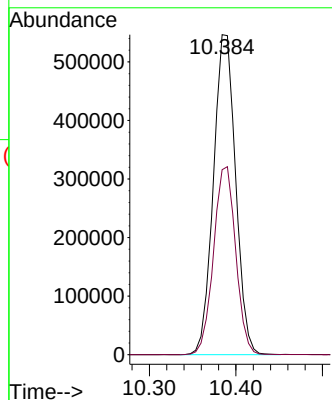
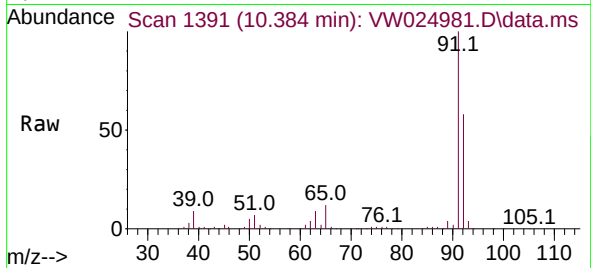




#42
Toluene
Concen: 51.402 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW024981.D
Acq: 26 Oct 2022 11:41

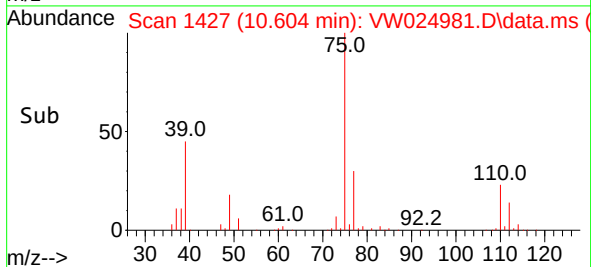
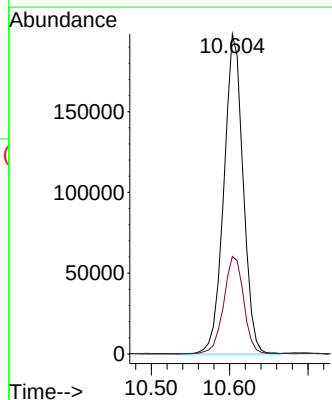
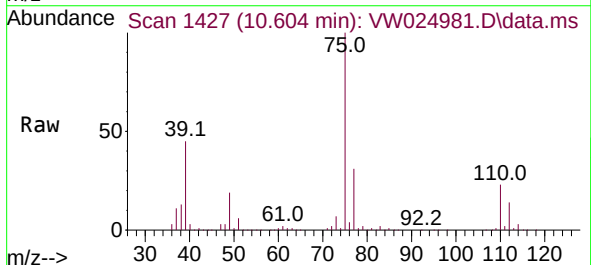
Instrument :
MSVOA_W
ClientSampleId :
VSTD050464

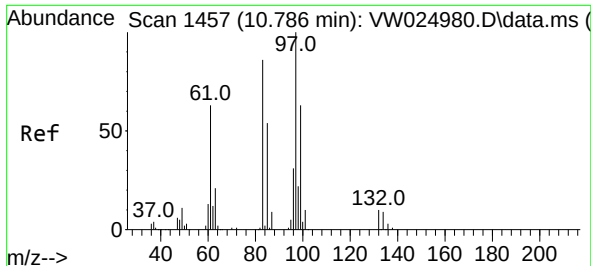
Tgt Ion: 91 Resp: 974406
Ion Ratio Lower Upper
91 100
92 57.8 38.6 71.8



#44
trans-1,3-Dichloropropene
Concen: 55.532 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW024981.D
Acq: 26 Oct 2022 11:41

Tgt Ion: 75 Resp: 338233
Ion Ratio Lower Upper
75 100
77 30.5 22.3 41.5

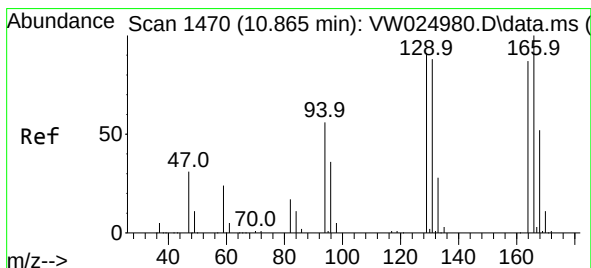
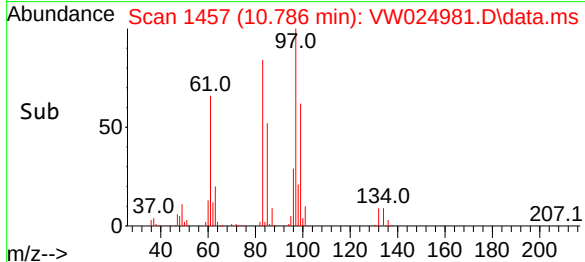
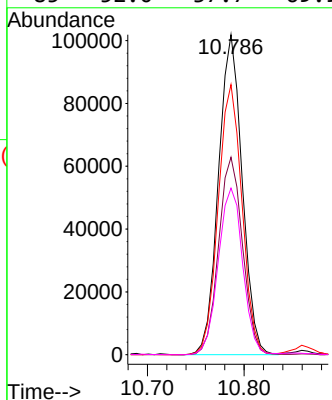
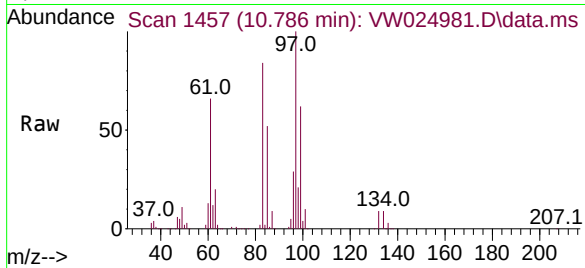




#45
1,1,2-Trichloroethane
Concen: 52.916 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW024981.D
Acq: 26 Oct 2022 11:41

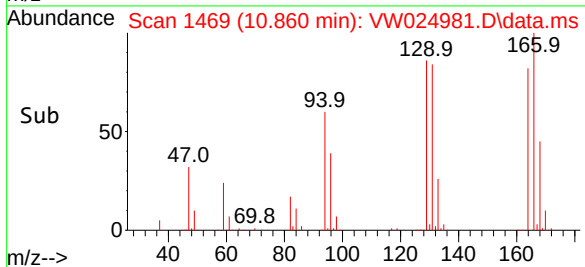
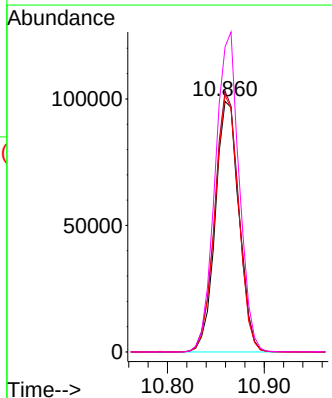
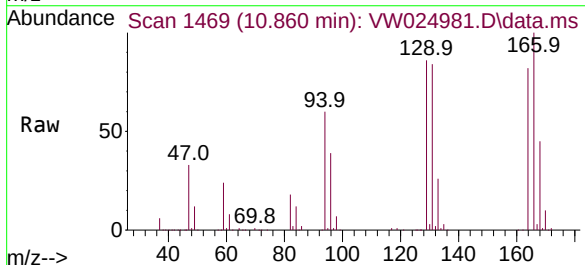
Instrument :
MSVOA_W
ClientSampleId :
VSTD050464

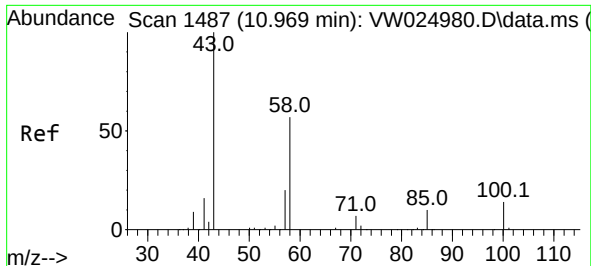
Tgt Ion:	97	Resp:	173149
Ion	Ratio	Lower	Upper
97	100		
99	61.7	44.0	81.6
83	84.4	59.9	111.3
85	52.0	37.7	69.9



#46
Tetrachloroethene
Concen: 49.952 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW024981.D
Acq: 26 Oct 2022 11:41

Tgt Ion:	164	Resp:	168859
Ion	Ratio	Lower	Upper
164	100		
129	104.1	72.9	135.5
131	102.5	70.1	130.3
166	121.8	80.2	148.9

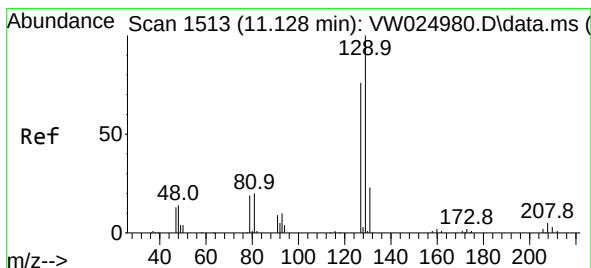
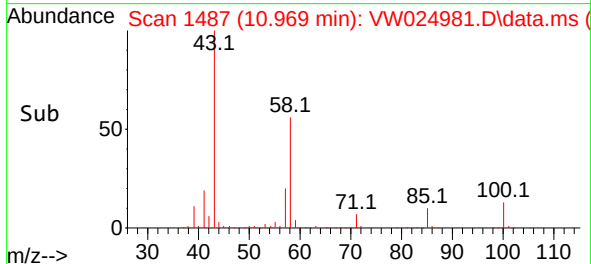
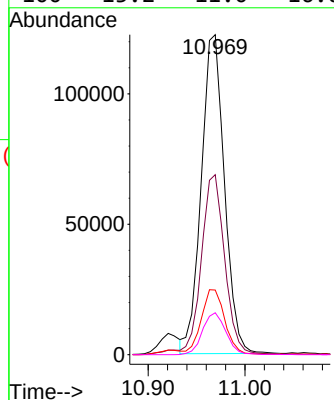
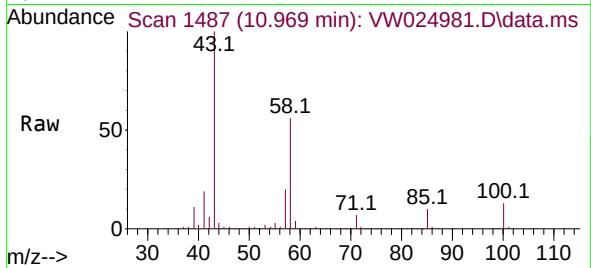




#48
2-Hexanone
Concen: 116.229 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW024981.D
Acq: 26 Oct 2022 11:41

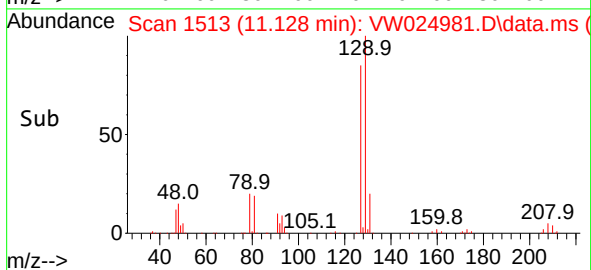
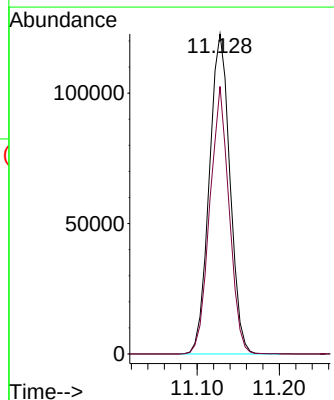
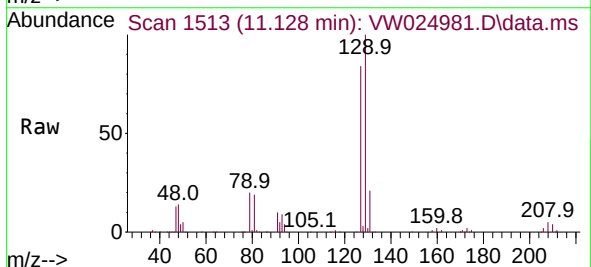
Instrument :
MSVOA_W
ClientSampleId :
VSTD050464

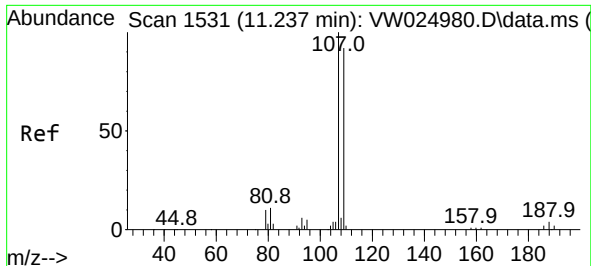
Tgt Ion: 43 Resp: 204425
Ion Ratio Lower Upper
43 100
58 56.6 46.1 69.1
57 20.7 16.2 24.2
100 13.2 11.0 16.6



#49
Dibromochloromethane
Concen: 53.670 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW024981.D
Acq: 26 Oct 2022 11:41

Tgt Ion:129 Resp: 214069
Ion Ratio Lower Upper
129 100
127 83.6 53.2 98.8





#50

1,2-Dibromoethane

Concen: 53.526 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW024981.D

Acq: 26 Oct 2022 11:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD050464

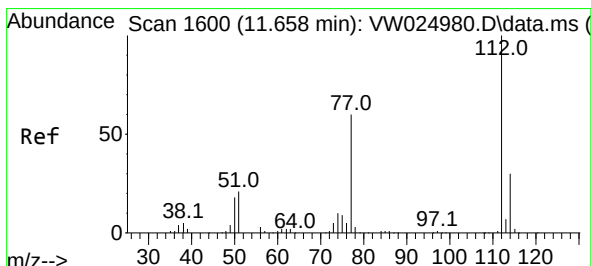
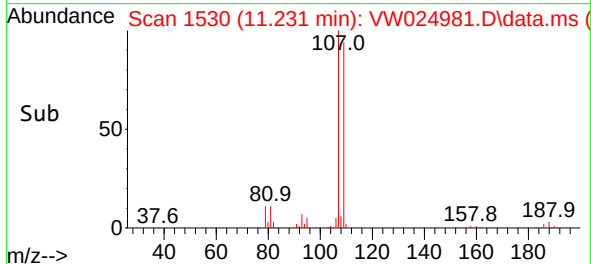
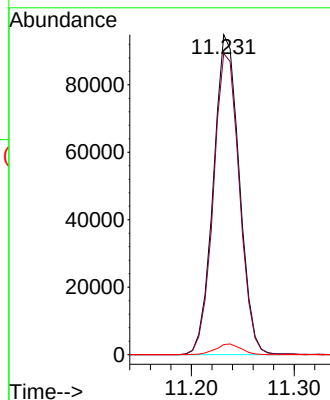
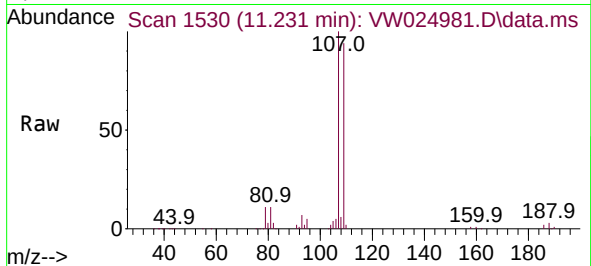
Tgt Ion:107 Resp: 165644

Ion Ratio Lower Upper

107 100

109 94.1 64.5 119.7

188 3.2 2.9 4.3



#51

Chlorobenzene

Concen: 50.416 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW024981.D

Acq: 26 Oct 2022 11:41

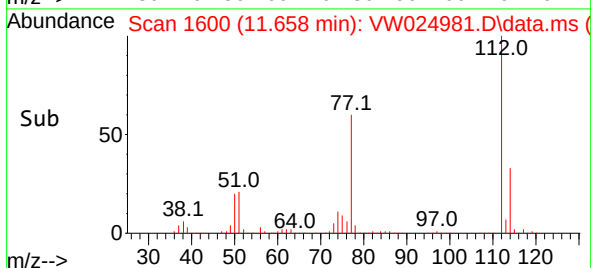
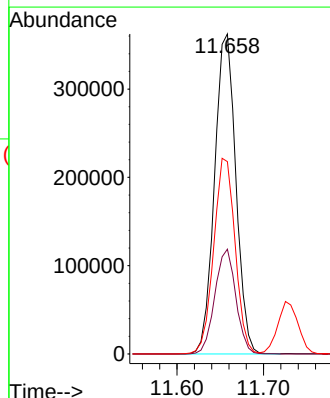
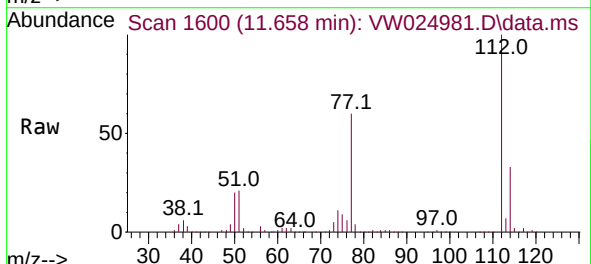
Tgt Ion:112 Resp: 619492

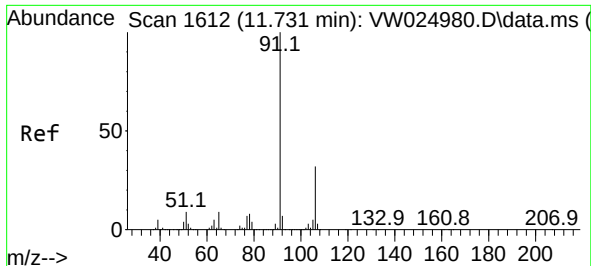
Ion Ratio Lower Upper

112 100

114 32.8 20.8 38.6

77 60.1 48.2 72.2

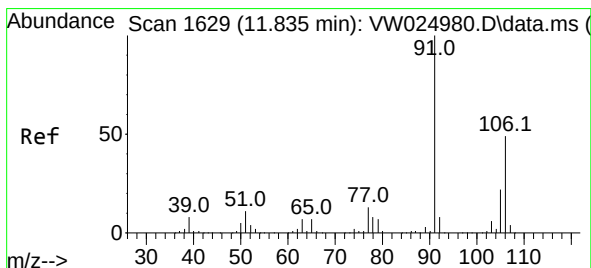
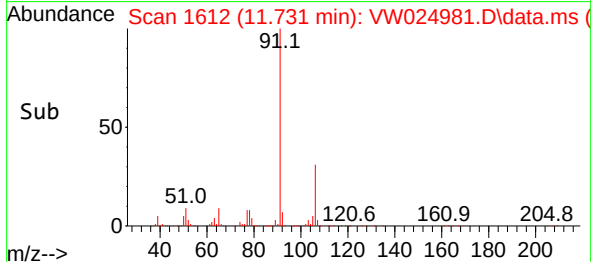
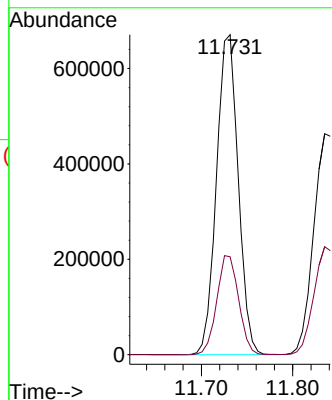
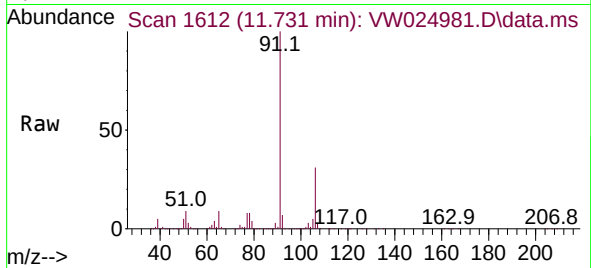




#52
Ethylbenzene
Concen: 50.729 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW024981.D
Acq: 26 Oct 2022 11:41

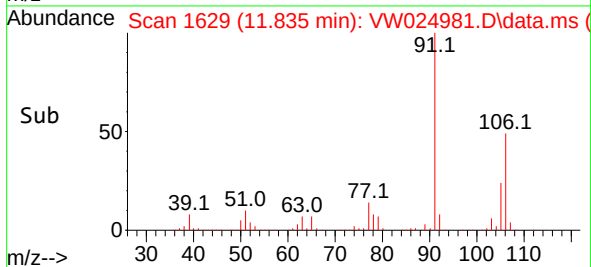
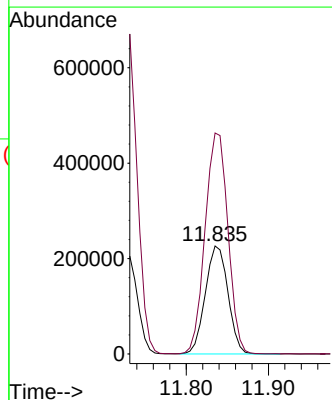
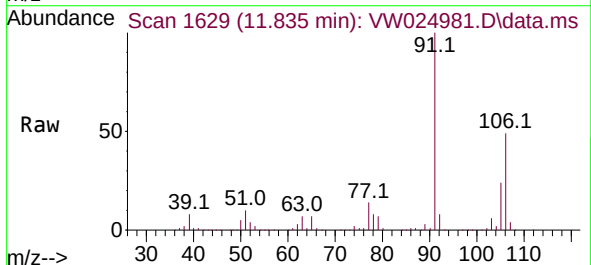
Instrument :
MSVOA_W
ClientSampleId :
VSTD050464

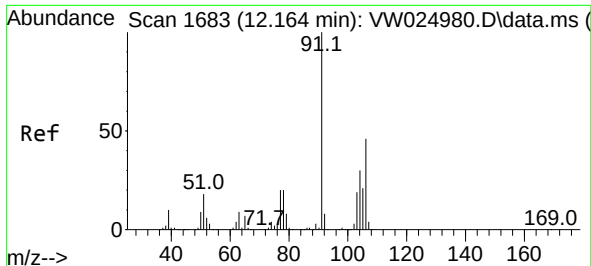
Tgt Ion: 91 Resp: 1110042
Ion Ratio Lower Upper
91 100
106 30.6 22.3 41.5



#53
m,p-Xylene
Concen: 51.082 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW024981.D
Acq: 26 Oct 2022 11:41

Tgt Ion:106 Resp: 432673
Ion Ratio Lower Upper
106 100
91 204.7 143.9 267.2

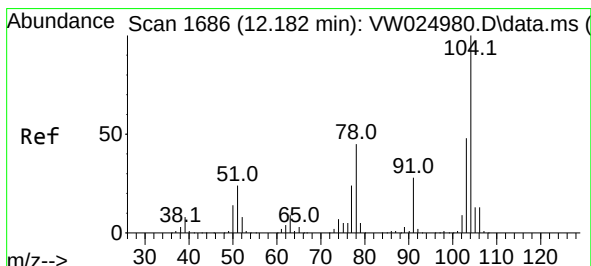
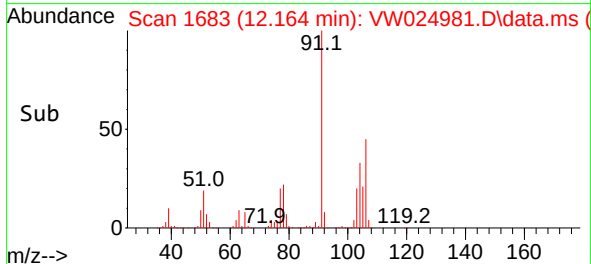
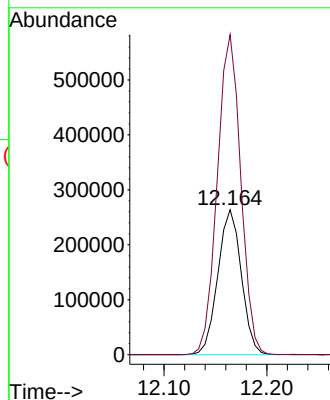
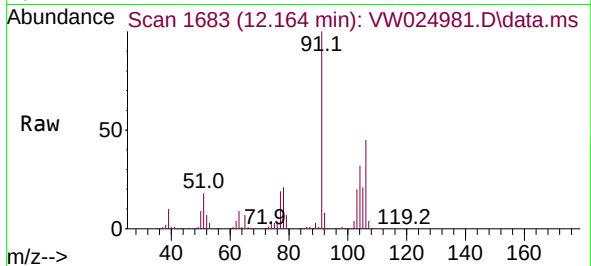




#54
o-Xylene
Concen: 52.385 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW024981.D
Acq: 26 Oct 2022 11:41

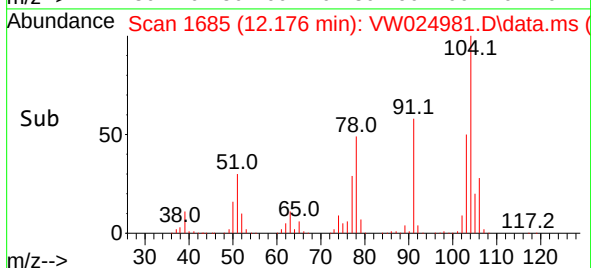
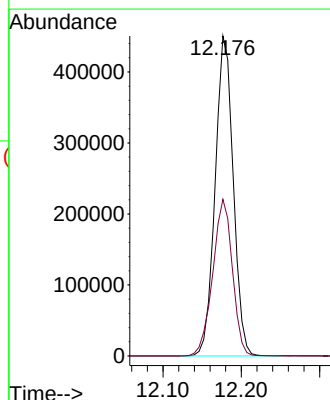
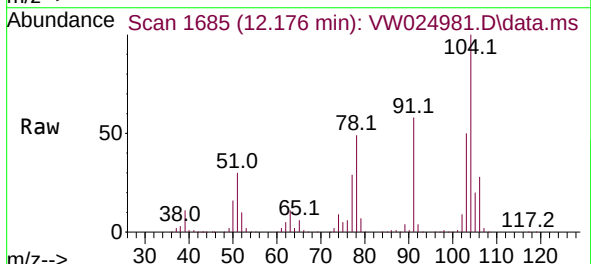
Instrument :
MSVOA_W
ClientSampleId :
VSTD050464

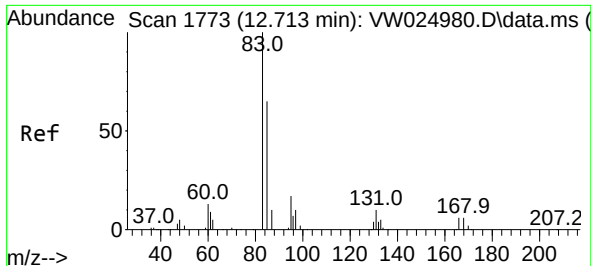
Tgt Ion:106 Resp: 418599
Ion Ratio Lower Upper
106 100
91 220.7 153.5 285.1



#55
Styrene
Concen: 52.143 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW024981.D
Acq: 26 Oct 2022 11:41

Tgt Ion:104 Resp: 723697
Ion Ratio Lower Upper
104 100
78 48.9 31.3 58.1





#57

1,1,2,2-Tetrachloroethane

Concen: 54.841 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024981.D

Acq: 26 Oct 2022 11:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD050464

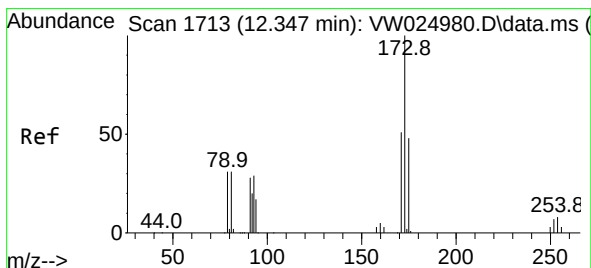
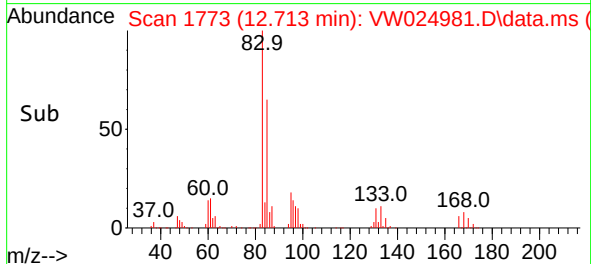
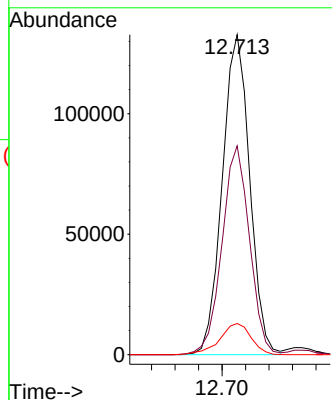
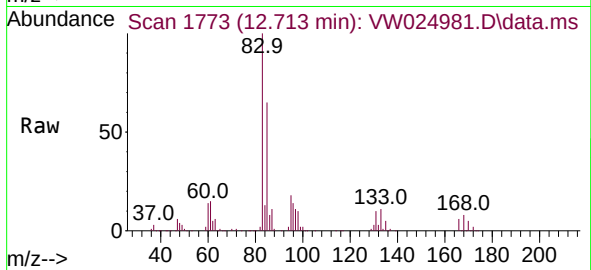
Tgt Ion: 83 Resp: 215272

Ion Ratio Lower Upper

83 100

85 65.2 46.4 86.2

131 9.8 8.2 12.4



#59

Bromoform

Concen: 55.185 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW024981.D

Acq: 26 Oct 2022 11:41

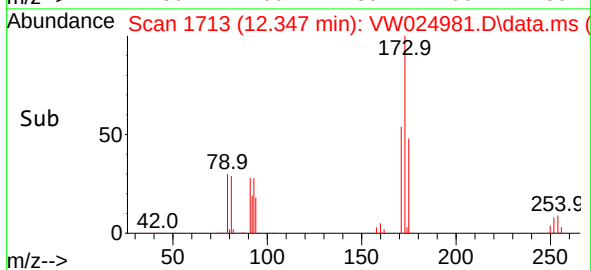
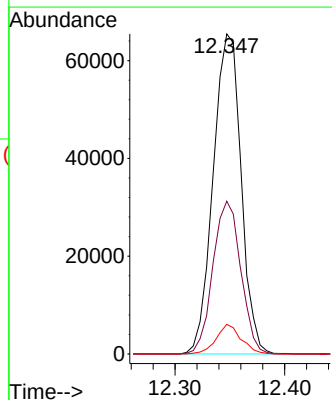
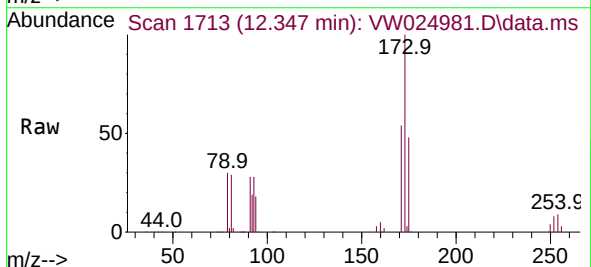
Tgt Ion:173 Resp: 115898

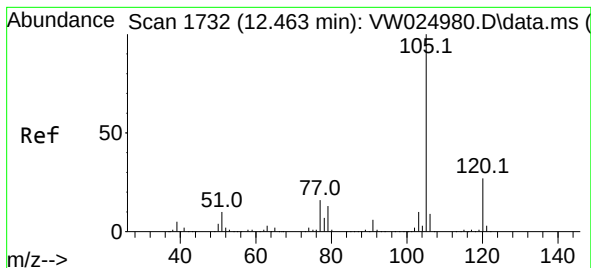
Ion Ratio Lower Upper

173 100

175 47.6 37.4 56.2

254 8.3 5.8 8.8





#60

Isopropylbenzene

Concen: 51.579 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW024981.D

Acq: 26 Oct 2022 11:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD050464

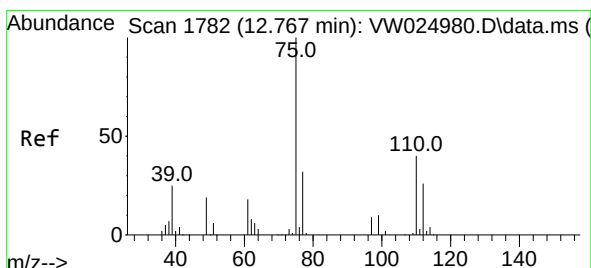
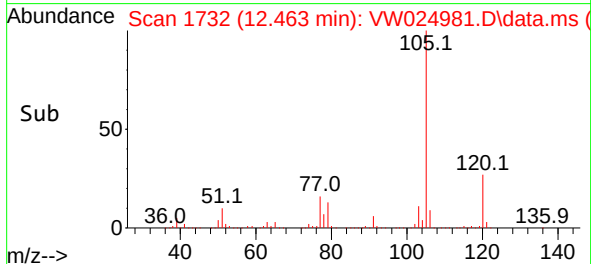
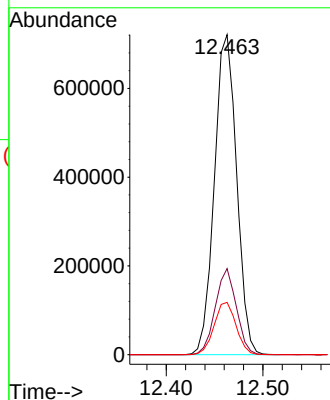
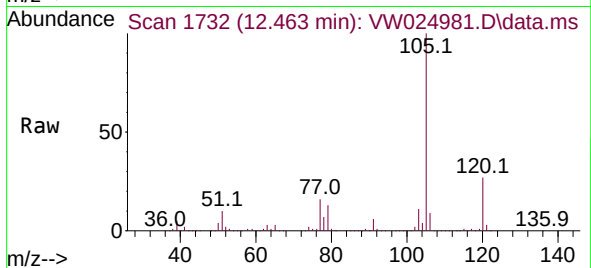
Tgt Ion:105 Resp: 1151461

Ion Ratio Lower Upper

105 100

120 25.5 20.8 31.2

77 16.2 13.0 19.4



#61

1,2,3-Trichloropropane

Concen: 54.764 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VW024981.D

Acq: 26 Oct 2022 11:41

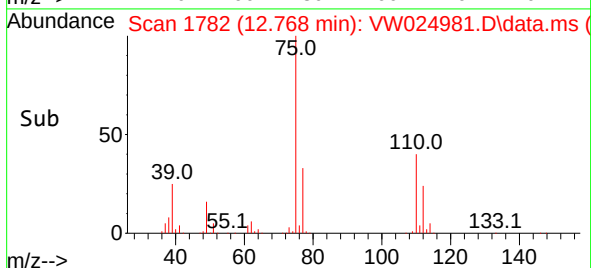
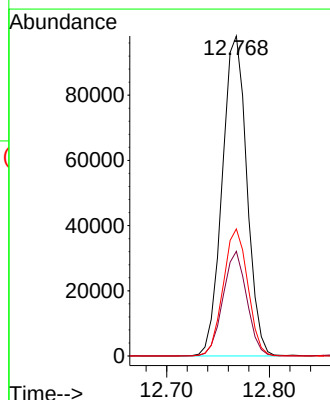
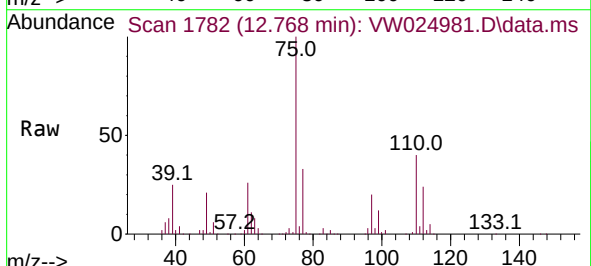
Tgt Ion: 75 Resp: 163370

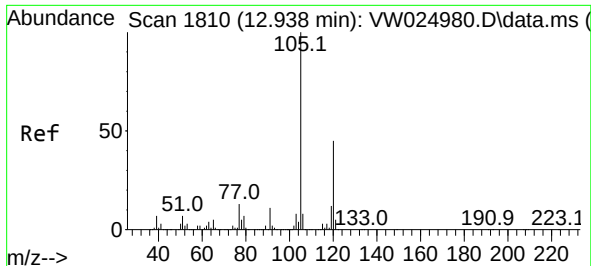
Ion Ratio Lower Upper

75 100

77 31.6 25.7 38.5

110 39.5 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 51.985 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW024981.D

Acq: 26 Oct 2022 11:41

Instrument :

MSVOA_W

ClientSampleId :

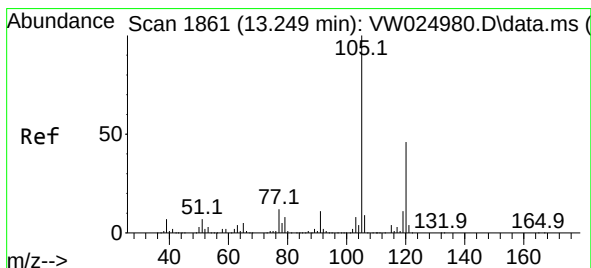
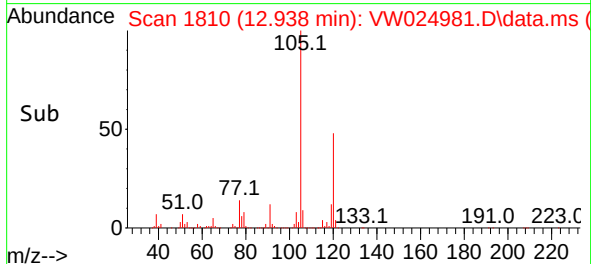
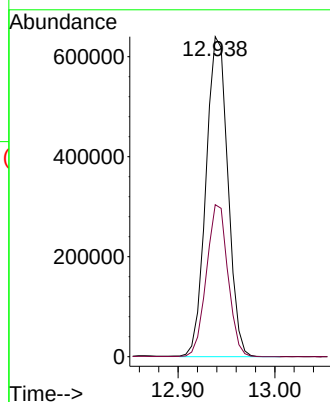
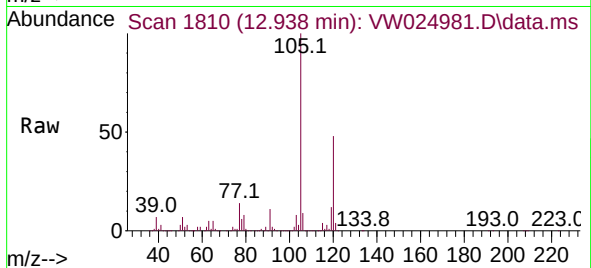
VSTD050464

Tgt Ion:105 Resp: 1007408

Ion Ratio Lower Upper

105 100

120 46.7 37.6 56.4



#63

1,2,4-Trimethylbenzene

Concen: 51.789 ug/L

RT: 13.243 min Scan# 1860

Delta R.T. -0.006 min

Lab File: VW024981.D

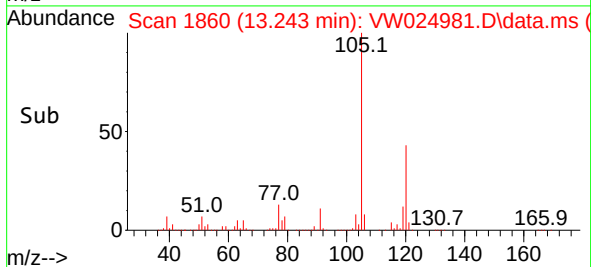
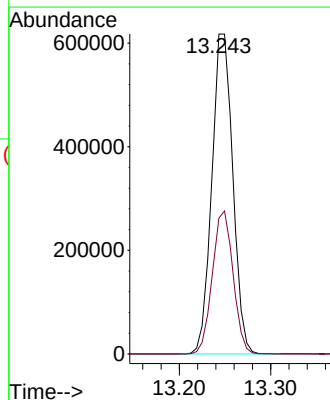
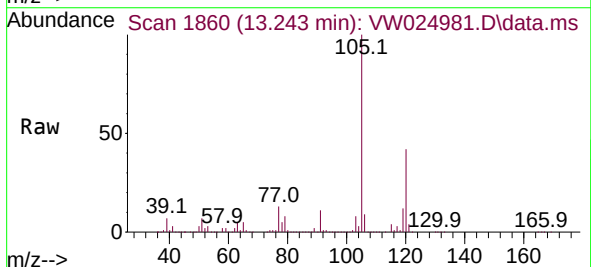
Acq: 26 Oct 2022 11:41

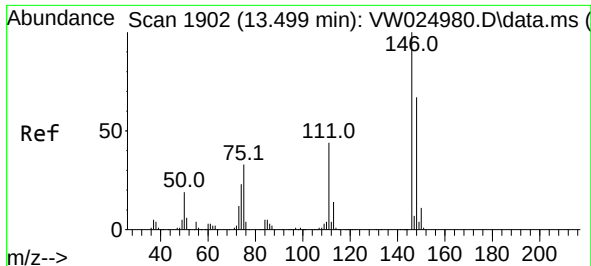
Tgt Ion:105 Resp: 984137

Ion Ratio Lower Upper

105 100

120 44.2 35.7 53.5

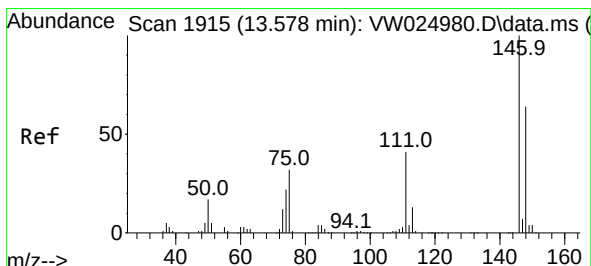
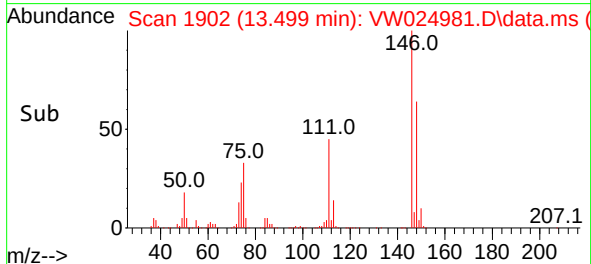
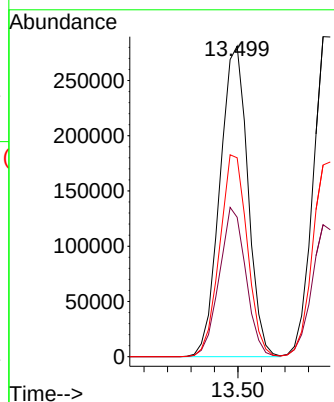
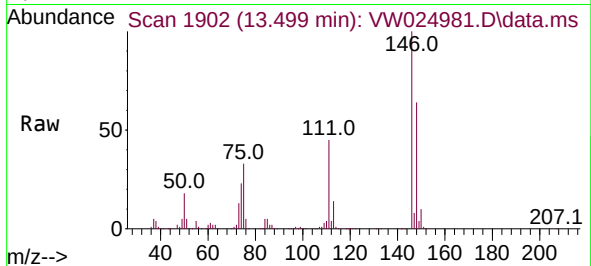




#64
1,3-Dichlorobenzene
Concen: 49.968 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW024981.D
Acq: 26 Oct 2022 11:41

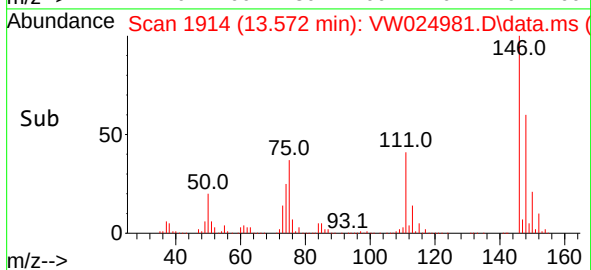
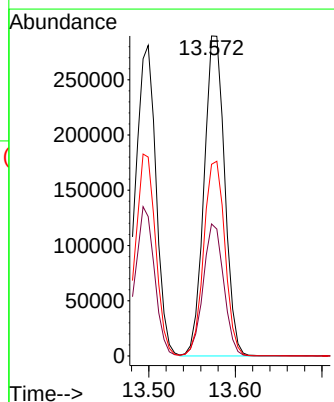
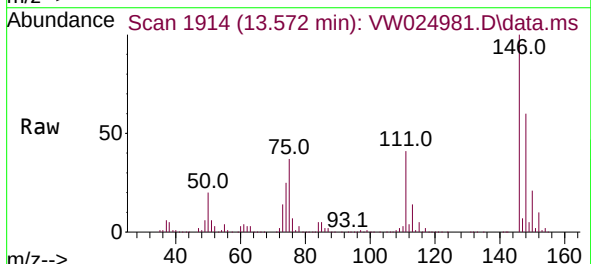
Instrument :
MSVOA_W
ClientSampleId :
VSTD050464

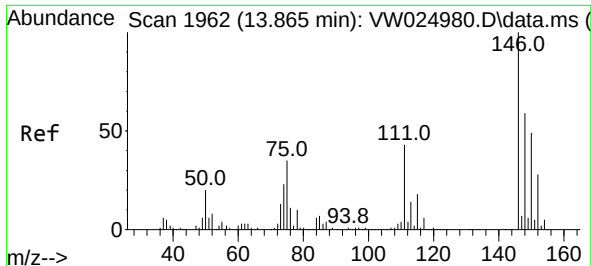
Tgt Ion:146 Resp: 465245
Ion Ratio Lower Upper
146 100
111 44.9 31.1 57.7
148 64.0 47.2 87.6



#65
1,4-Dichlorobenzene
Concen: 51.642 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW024981.D
Acq: 26 Oct 2022 11:41

Tgt Ion:146 Resp: 479779
Ion Ratio Lower Upper
146 100
111 41.3 28.8 53.6
148 59.9 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 50.635 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW024981.D

Acq: 26 Oct 2022 11:41

Instrument :

MSVOA_W

ClientSampleId :

VSTD050464

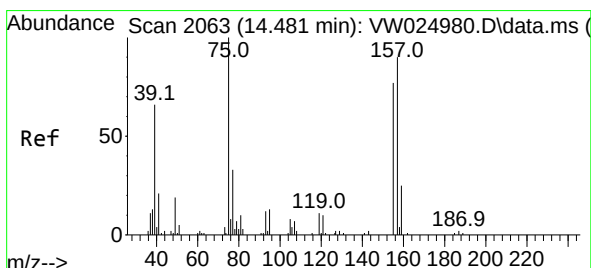
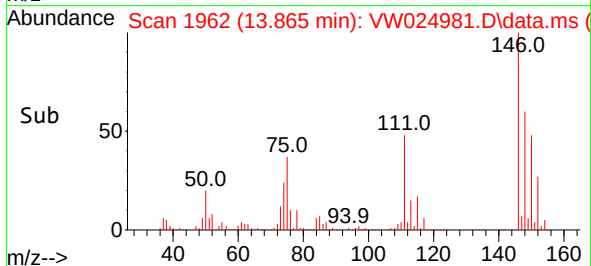
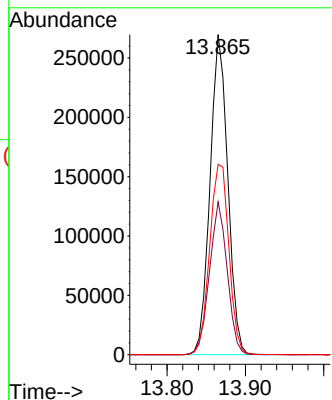
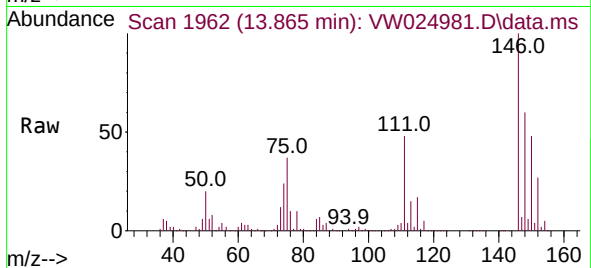
Tgt Ion:146 Resp: 423893

Ion Ratio Lower Upper

146 100

111 47.7 34.2 51.4

148 59.5 47.1 70.7



#68

1,2-Dibromo-3-chloropropane

Concen: 57.284 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW024981.D

Acq: 26 Oct 2022 11:41

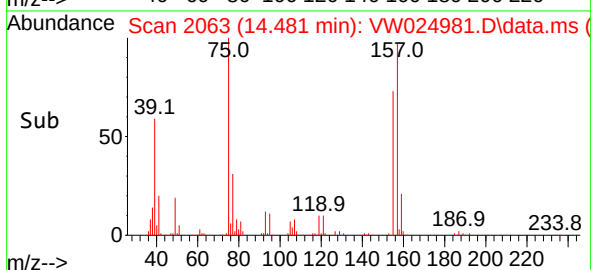
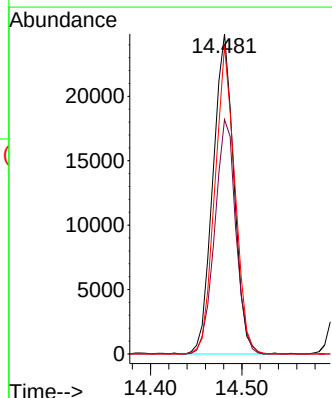
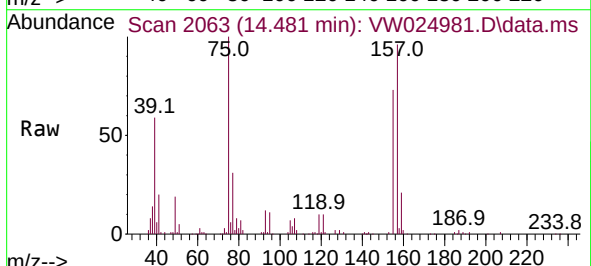
Tgt Ion: 75 Resp: 39491

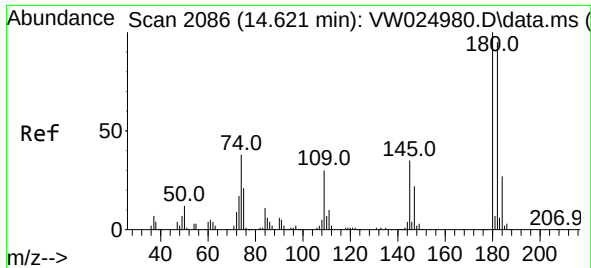
Ion Ratio Lower Upper

75 100

155 73.2 61.2 91.8

157 96.3 72.4 108.6



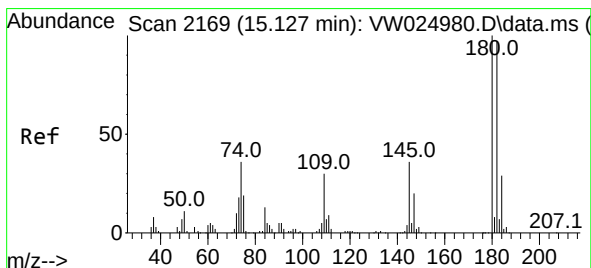
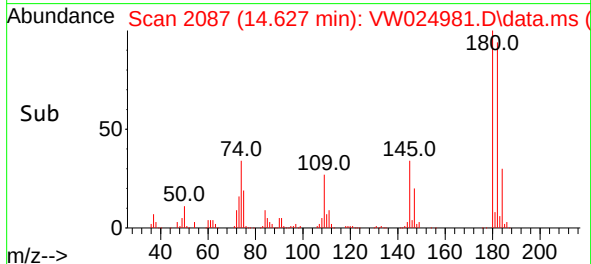
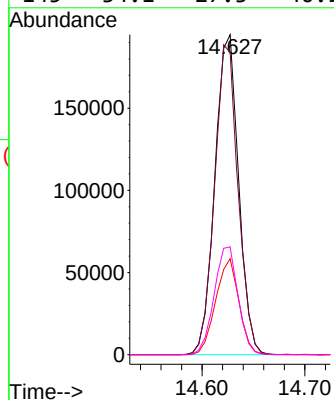
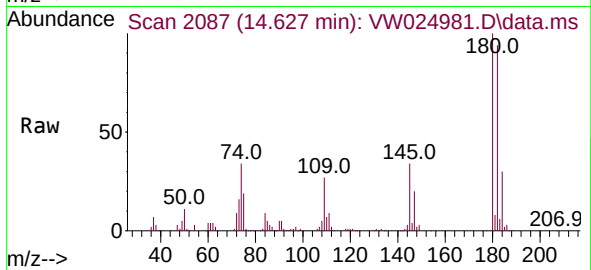


#69
1,3,5-Trichlorobenzene
Concen: 50.384 ug/L
RT: 14.627 min Scan# 2086
Delta R.T. 0.006 min
Lab File: VW024981.D
Acq: 26 Oct 2022 11:41

Instrument :
MSVOA_W
ClientSampleId :
VSTD050464

Tgt Ion:180 Resp: 310714

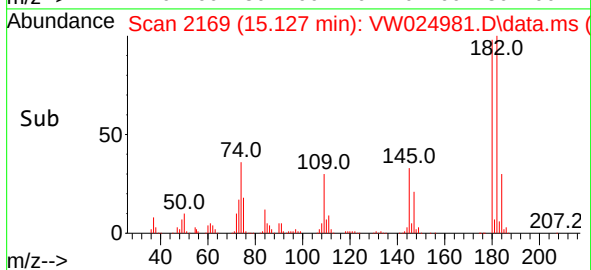
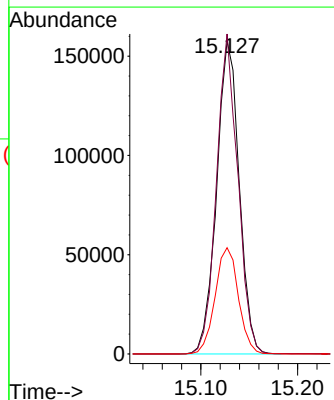
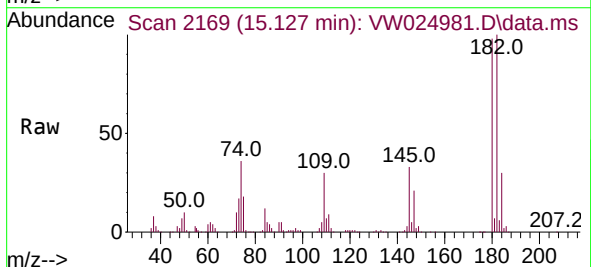
Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.7	113.5
184	29.5	23.4	35.2
145	34.1	27.3	40.9

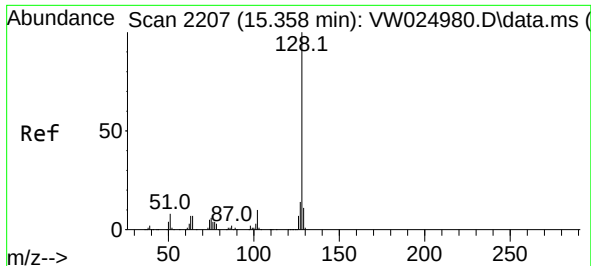


#70
1,2,4-trichlorobenzene
Concen: 53.350 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW024981.D
Acq: 26 Oct 2022 11:41

Tgt Ion:180 Resp: 255718

Ion	Ratio	Lower	Upper
180	100		
182	96.6	74.9	112.3
145	35.0	27.0	40.4

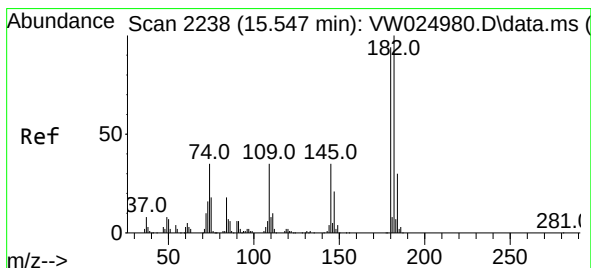
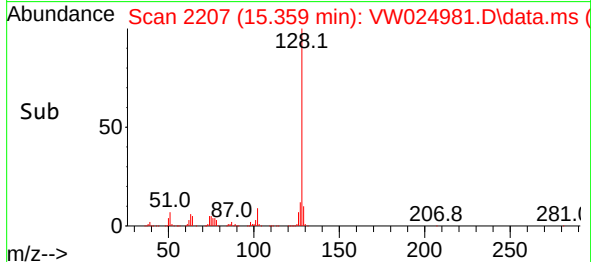
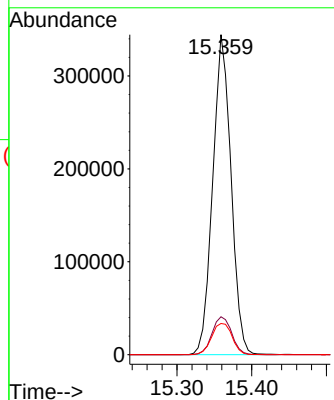
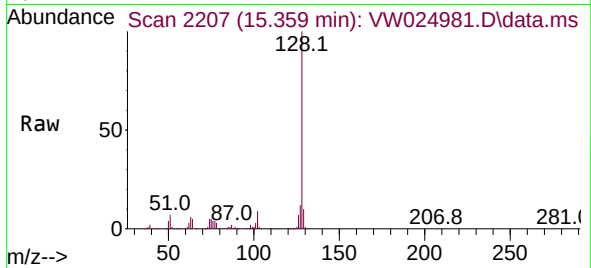




#71
Naphthalene
Concen: 58.078 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VW024981.D
Acq: 26 Oct 2022 11:41

Instrument :
MSVOA_W
ClientSampleId :
VSTD050464

Tgt Ion:128 Resp: 587255
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 52.808 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW024981.D
Acq: 26 Oct 2022 11:41

Tgt Ion:180 Resp: 220548
Ion Ratio Lower Upper
180 100
182 92.7 74.1 111.1
145 36.6 28.2 42.2

